

Survey Report

2026-1

Survey Specimens

The homogeneity and stability of all specimens were checked before and/or during shipment and no irregularities were noted. The suitability tests were performed by the laboratories of the Universitätsspital Zürich (University Hospital Zurich) (<http://www.uzl.usz.ch/>). The following survey specimens were produced specifically for MQ by a sub-contractor:
B2 Uricult, H4 Parasitic Hematology, K14 tumor marker

Determination of target values

For each target value, the type of determination per ISO17043: 2010 B2.1 is indicated (column "type"):

- Value known due to production.
- Certified reference value for use with special specimens
- Reference value determined by analysis
- Consensus values of expert laboratories
- Consensus values of the participants

For methods groups with more than 9 participants, consensus values ??of the participants ("e") are generally determined. In order to calculate the target values, we use the mean value of the method group. Values that differ more than 1.5 times the QUALAB-tolerance are outliers and are not used to calculate the target value. Starting point for the elimination of outliers are the values of our suitability tests.

In order to provide all participants with target values that are as meaningful as possible, other methods may also be applied for smaller method groups.

Uncertainty of the determined target values

The standard uncertainty (ux) is calculated using the following formula (ISO13528):

$$u_x = (\text{target value}/100) * (1.25/\text{square root of "number of participants"}) * \%CV$$

- ux has the same unit as the target value
- ux can be compared with the standard deviation of the participants' collective ($SD = \text{target value} * \%CV / 100$)
- For participant numbers >18, the standard uncertainty (ux) is significantly lower than the scatter of the collective participants and can be neglected.

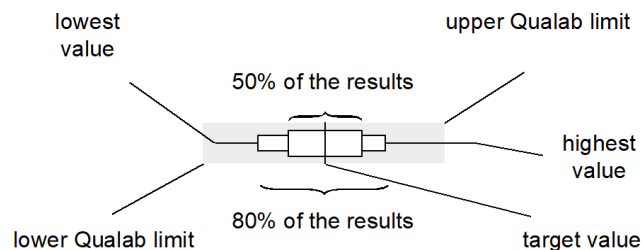
QUALAB and MQ tolerances

For all mandatory analyzes, QUALAB tolerances are used (www.qualab.ch, external quality control). For non-mandatory analyzes, the tolerances are specified by MQ's survey specimen leader.

If the determined uncertainty, ux, of the target value is greater than 15% of the QUALAB or MQ tolerance, the letter indicating the type of target detection is marked with an additional star (example "e*"). Thereby, we are alerting the participants to the fact that the uncertainty of the target value can have an impact on the evaluation.

Graphics

The results are shown graphically as follows:

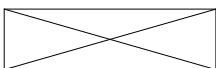


Comparison of Devices

The data in this report allows you to compare the performance of different devices. However, remember to consider the following:

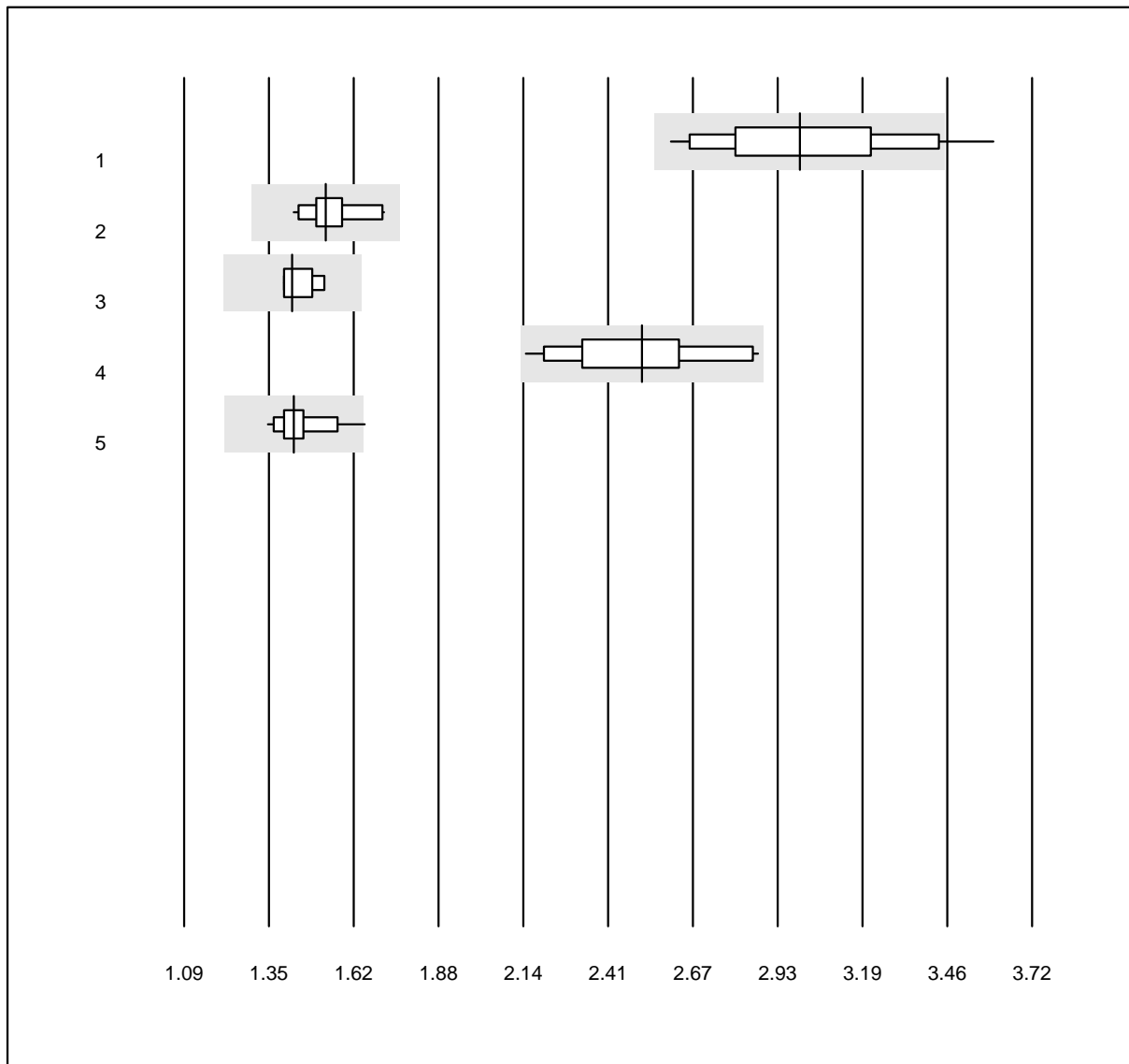
- The chemical control K1 is a ready-to-use commercial control serum. Even if the specimen is of human origin, it is possible that matrix effects occur. These are device-specific and result in different target values.
- Only one specimen was measured. Since the scatter of the results is dependent on the nature of the specimen (matrix effects) and on the signal strength, the determined coefficient of variations (CV in %) cannot be applied generally.
- A large number of runaways is due to administrative errors (wrong unit, results mixed up) or to operator errors (wrong sample, not correctly taken up in solution, not mixed well) and has nothing to do with the type of device.

Zurich, 08.04.2026



Dr. R.Fried
Survey Director

INR VKA



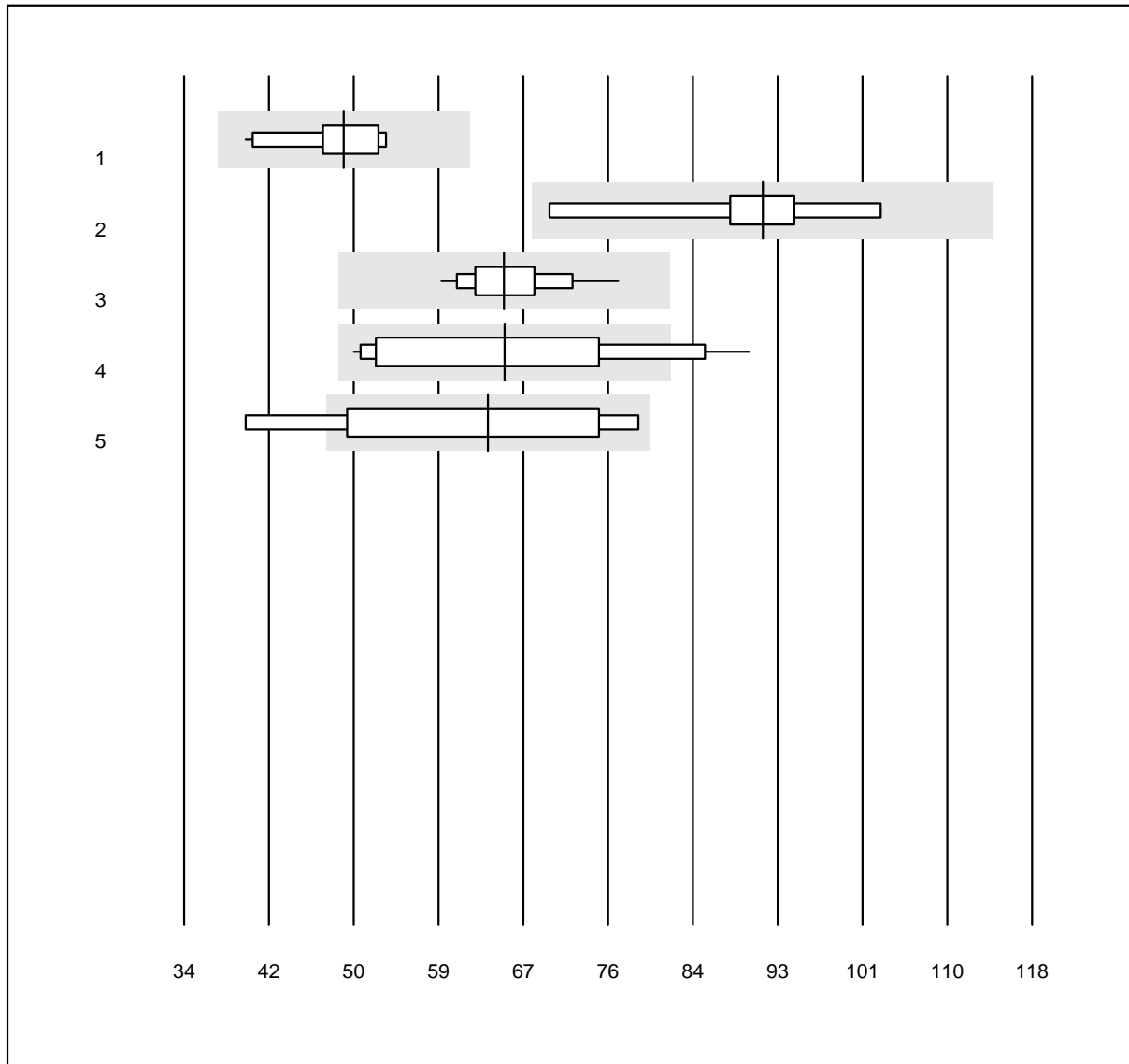
QUALAB Toleranz: 15%

INR VKA (INR)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Innovin	22	95.5	4.5	0.0	3.00	9.2	a*
2 Neoplastin R	14	100.0	0.0	0.0	1.53	5.3	e
3 Neoplastin CL Plus	4	100.0	0.0	0.0	1.43	3.3	e
4 NeoPTimal	17	100.0	0.0	0.0	2.51	8.2	a*
5 Recombiplastin 2G	15	93.3	6.7	0.0	1.43	5.0	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Activated Prothrombin Time

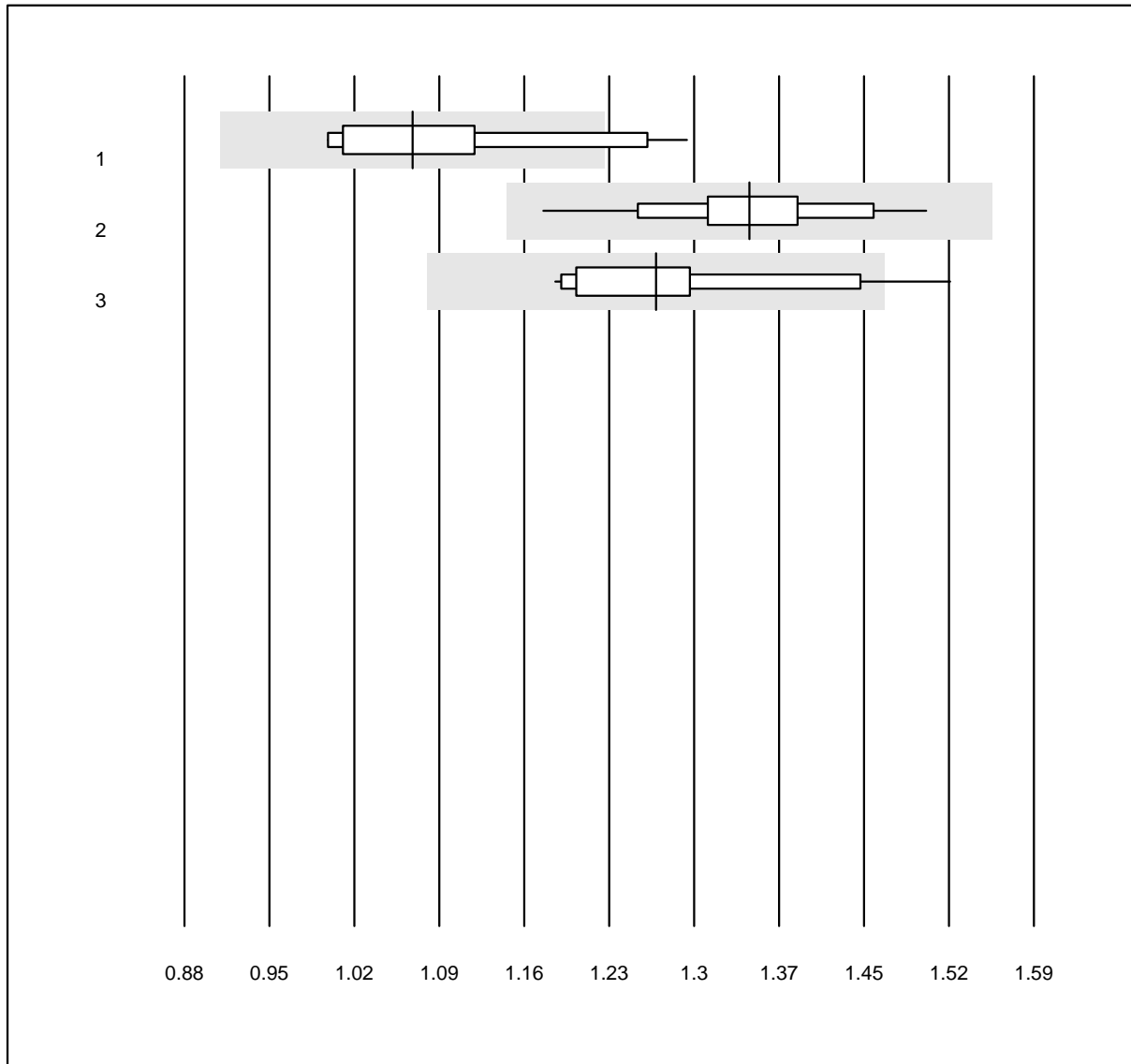


QUALAB Toleranz: 25%

Activated Prothrombin Time (Sek)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Actin FS	10	100.0	0.0	0.0	49.8	8.3	e
2 Pathromtin SL	9	100.0	0.0	0.0	91.3	9.8	e*
3 Stago/STA	25	100.0	0.0	0.0	65.7	6.5	e
4 aPTT-SP	13	92.3	7.7	0.0	65.8	21.1	a*
5 Other methods	9	88.9	11.1	0.0	64.1	22.6	e*

Fibrinogen OA



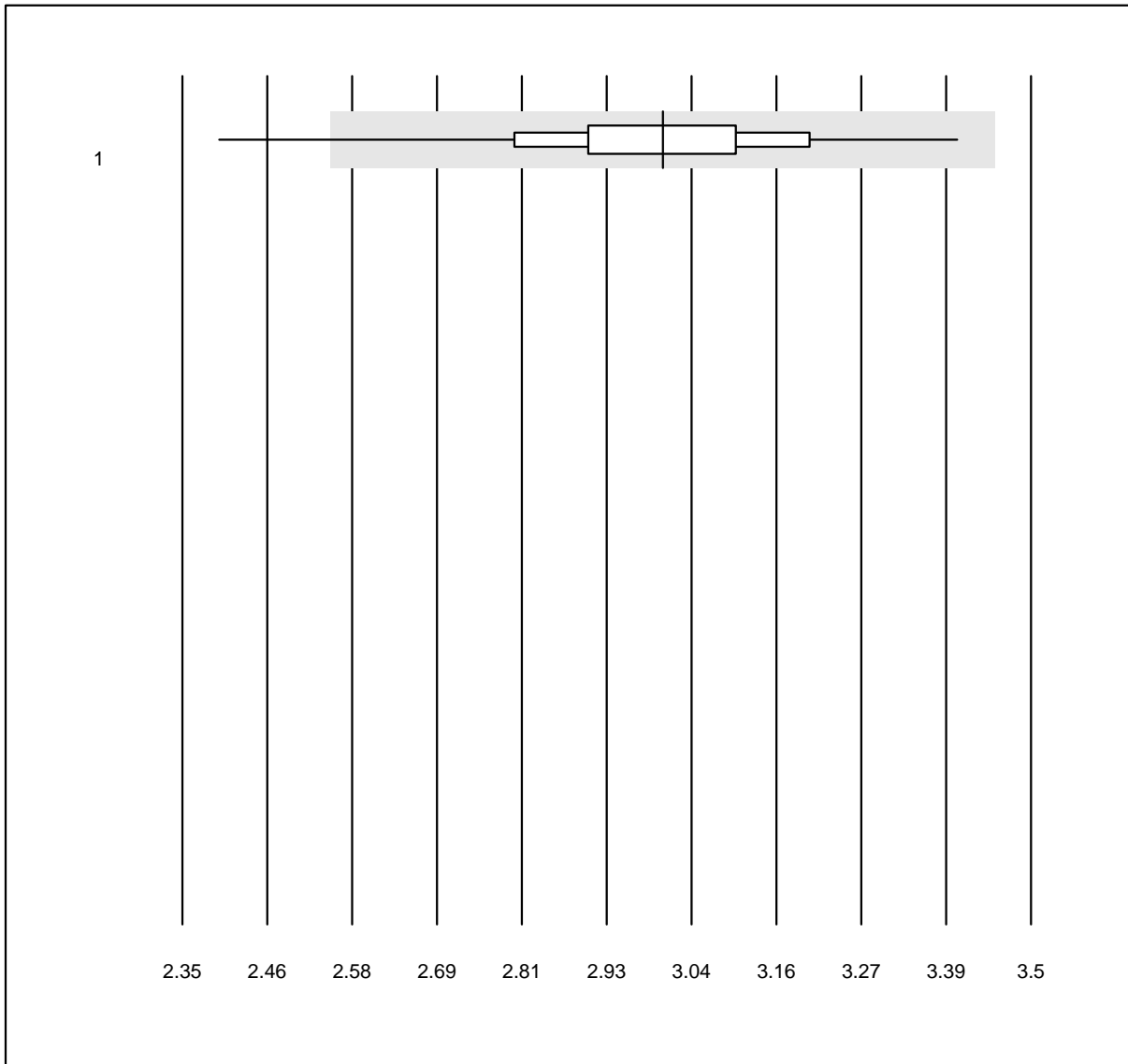
QUALAB Toleranz: 15%

Fibrinogen OA (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Siemens Thrombin	12	91.7	8.3	0.0	1.07	8.3	e*
2 Stago/STA	22	100.0	0.0	0.0	1.35	5.1	e
3 HemosIL	15	86.7	6.7	6.7	1.27	7.0	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

INR CoaguChek



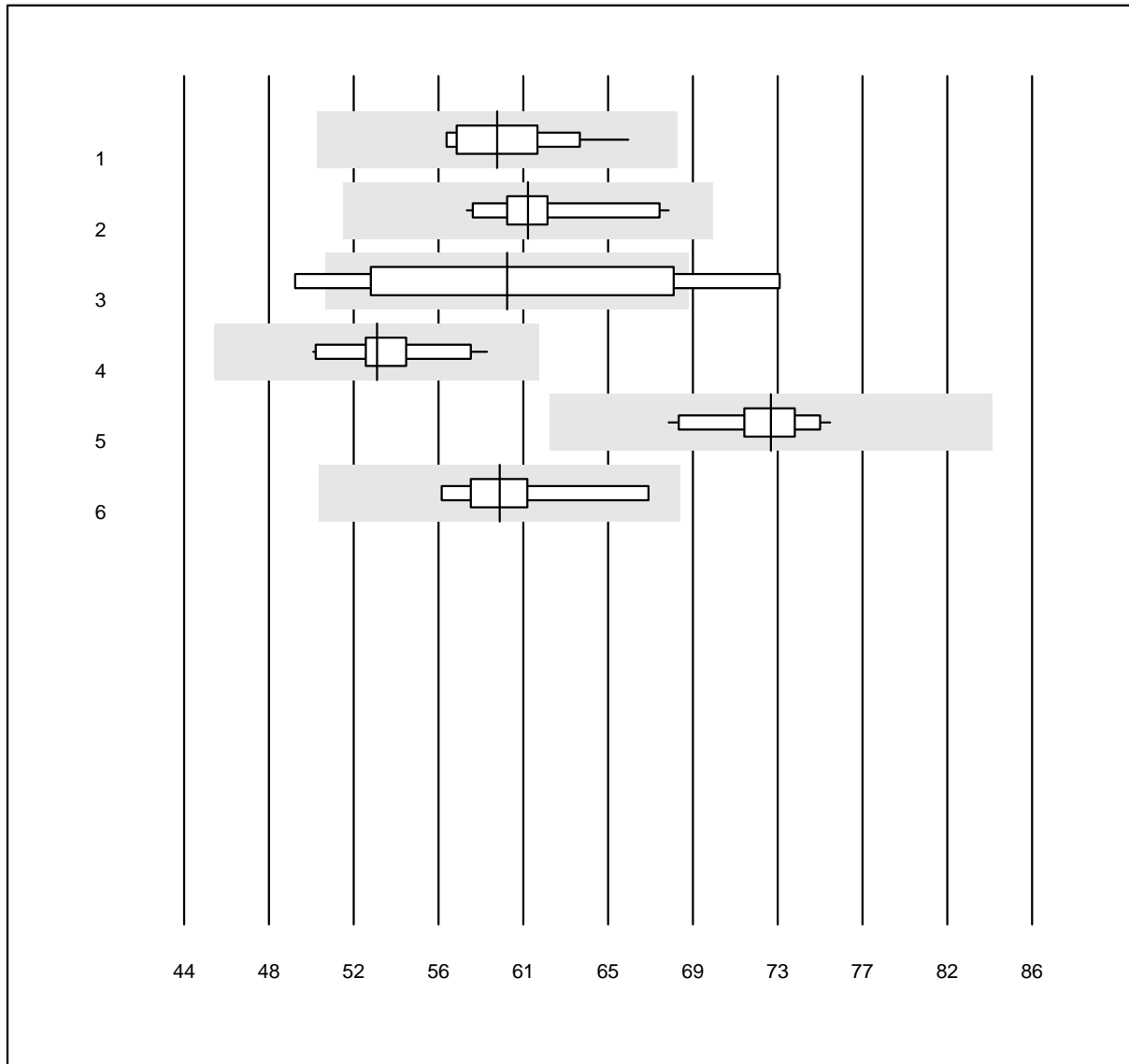
QUALAB Toleranz: 15%

INR CoaguChek (INR)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 CoaguChek Pro II	1031	97.9	0.8	1.4	3.0	5.2	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Prothrombin time NT

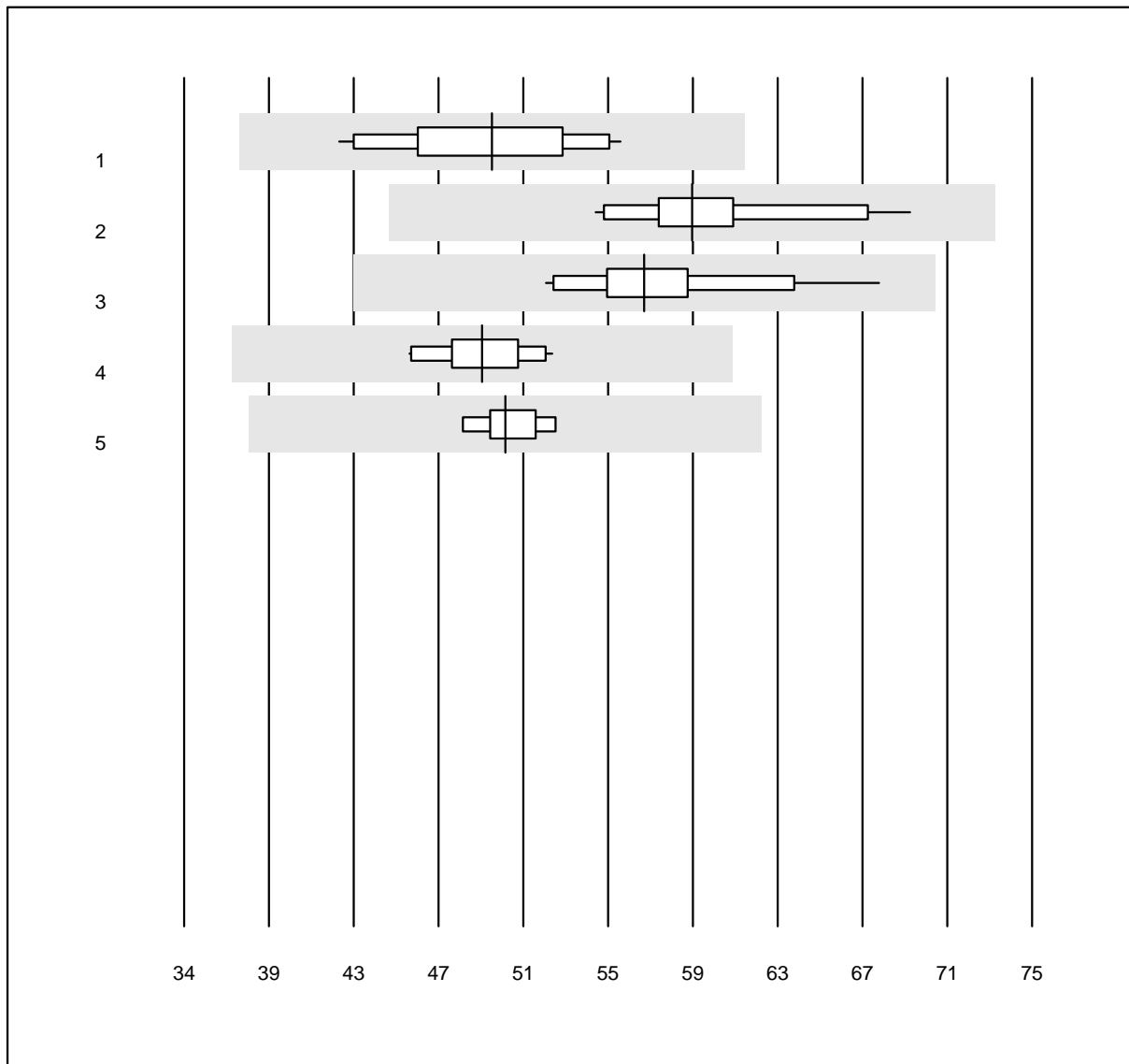


QUALAB Toleranz: 15%

Prothrombin time NT (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Innovin	17	100.0	0.0	0.0	59.5	4.2	e
2 Neoplastin R	12	100.0	0.0	0.0	61.0	4.7	e
3 Neoplastin CL Plus	4	75.0	25.0	0.0	60.0	12.8	e*
4 NeoPTimal	11	100.0	0.0	0.0	53.6	4.2	e
5 Recombiplastin 2G	14	100.0	0.0	0.0	73.1	3.1	e
6 Other methods	7	100.0	0.0	0.0	59.6	4.9	e*

aPTT N

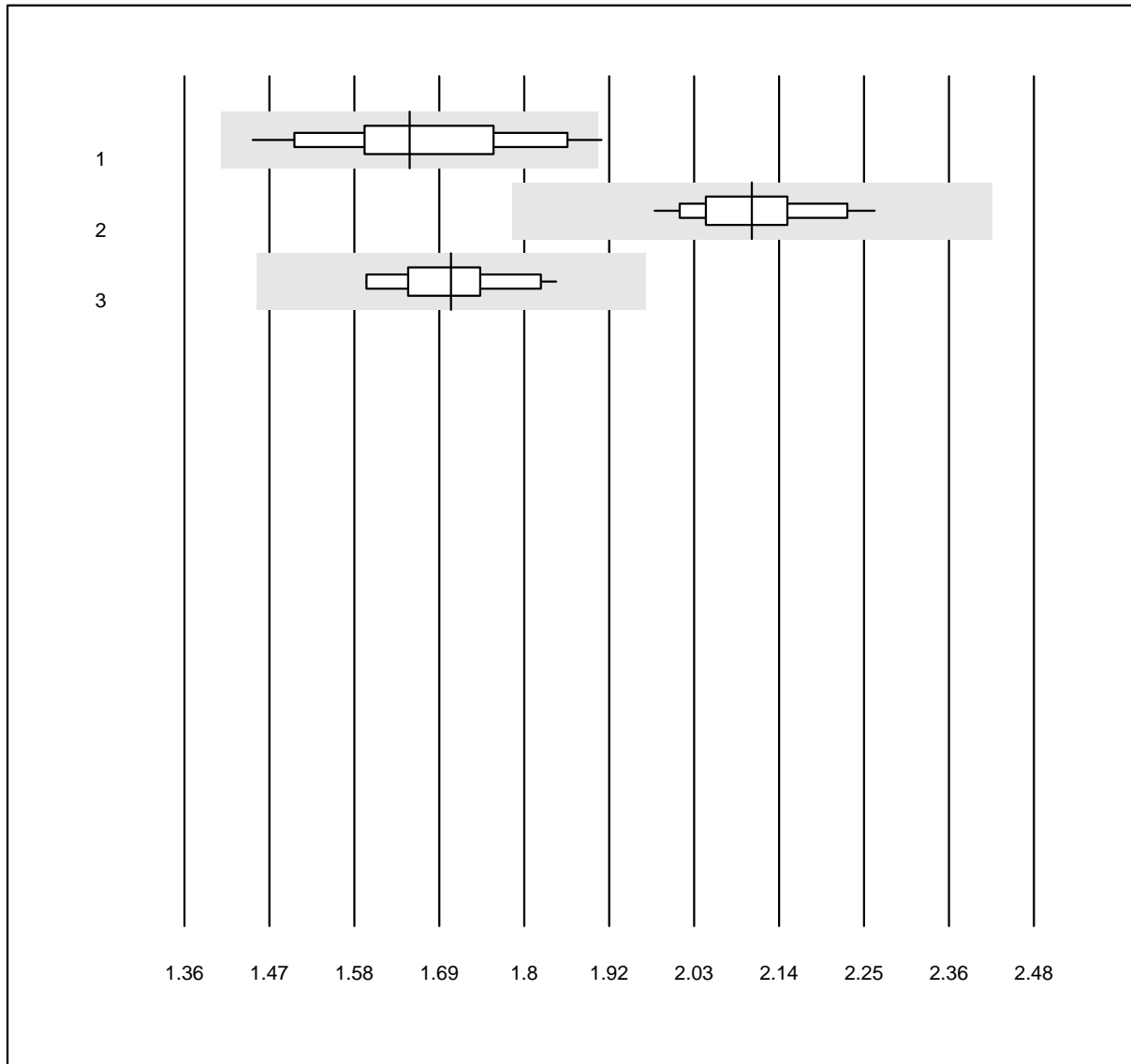


QUALAB Toleranz: 25%

aPTT N (Sek)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Actin FS	11	100.0	0.0	0.0	48.9	8.1	e
2 Pathromtin SL	13	100.0	0.0	0.0	58.6	6.7	e
3 Stago/STA	22	100.0	0.0	0.0	56.2	7.0	e
4 aPTT-SP	13	100.0	0.0	0.0	48.4	4.4	e
5 Other methods	7	100.0	0.0	0.0	49.5	2.8	e

Fibrinogen N



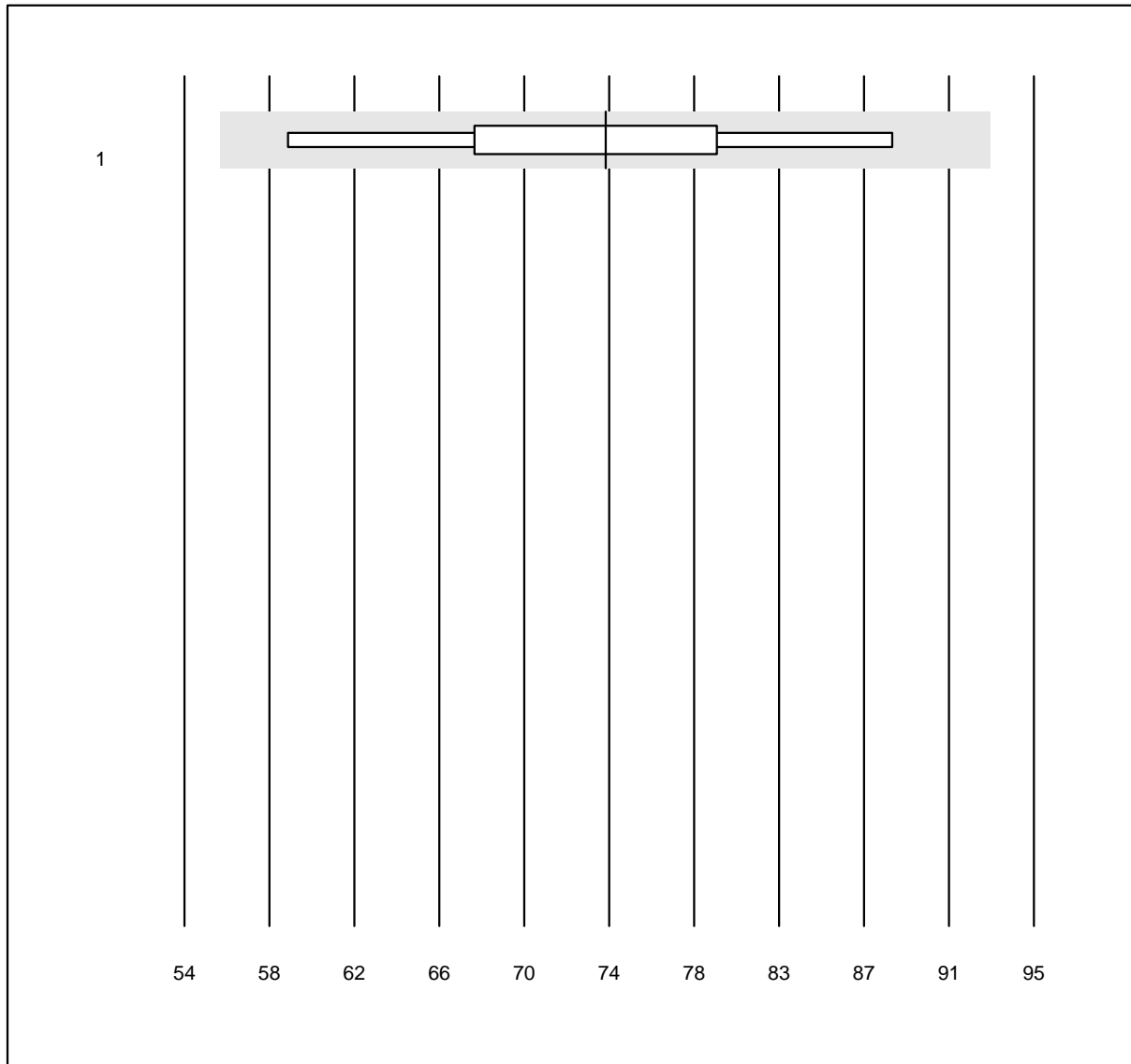
QUALAB Toleranz: 15%

Fibrinogen N (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Siemens Thrombin	15	86.7	6.7	6.7	1.66	7.2	e*
2 Stago/STA	22	100.0	0.0	0.0	2.11	3.7	e
3 ACL	14	92.9	0.0	7.1	1.71	4.2	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Faktor II

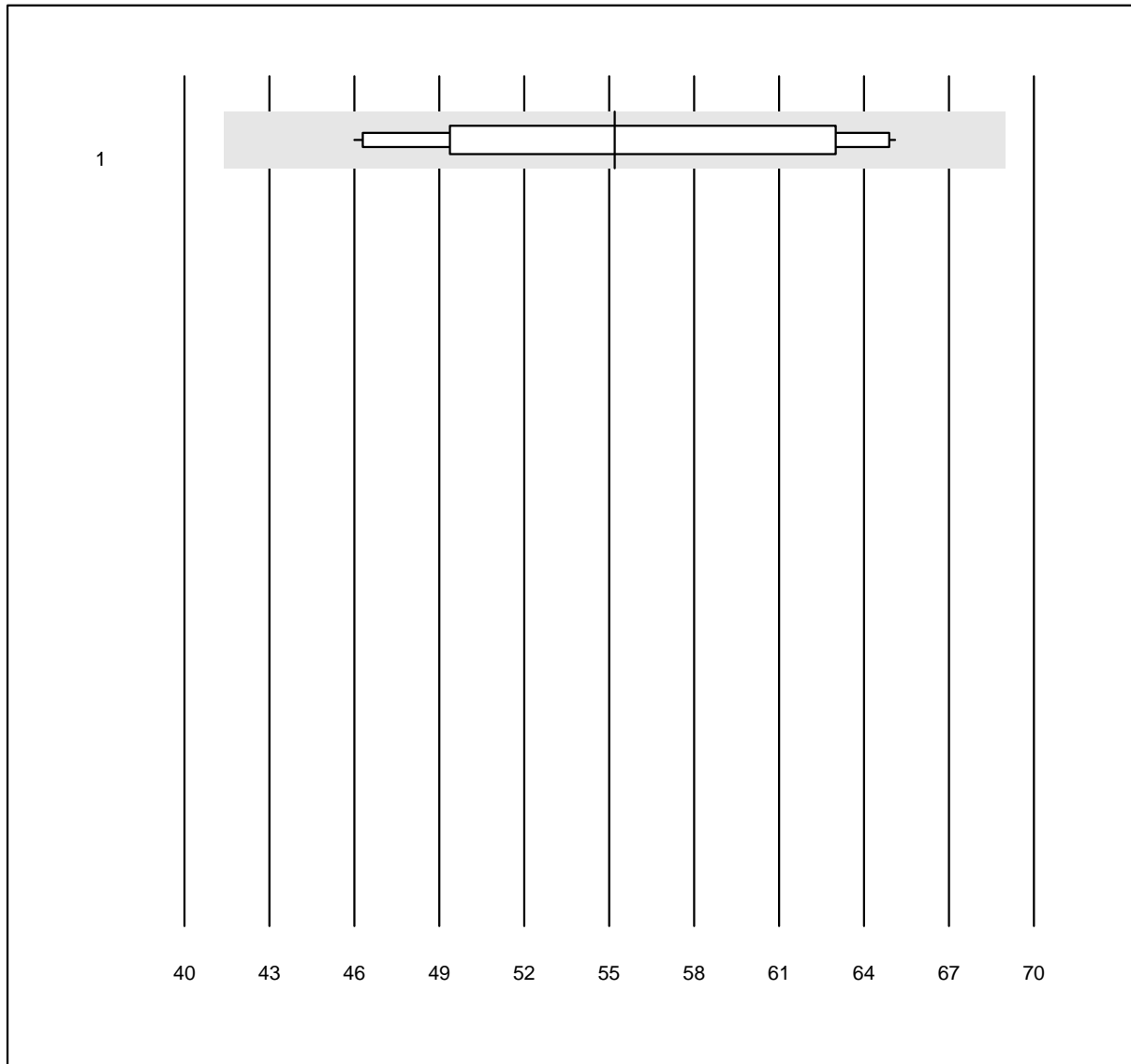


MQ Toleranz: 25%

Faktor II (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	5	100.0	0.0	0.0	74.3	10.3	e*

Faktor V

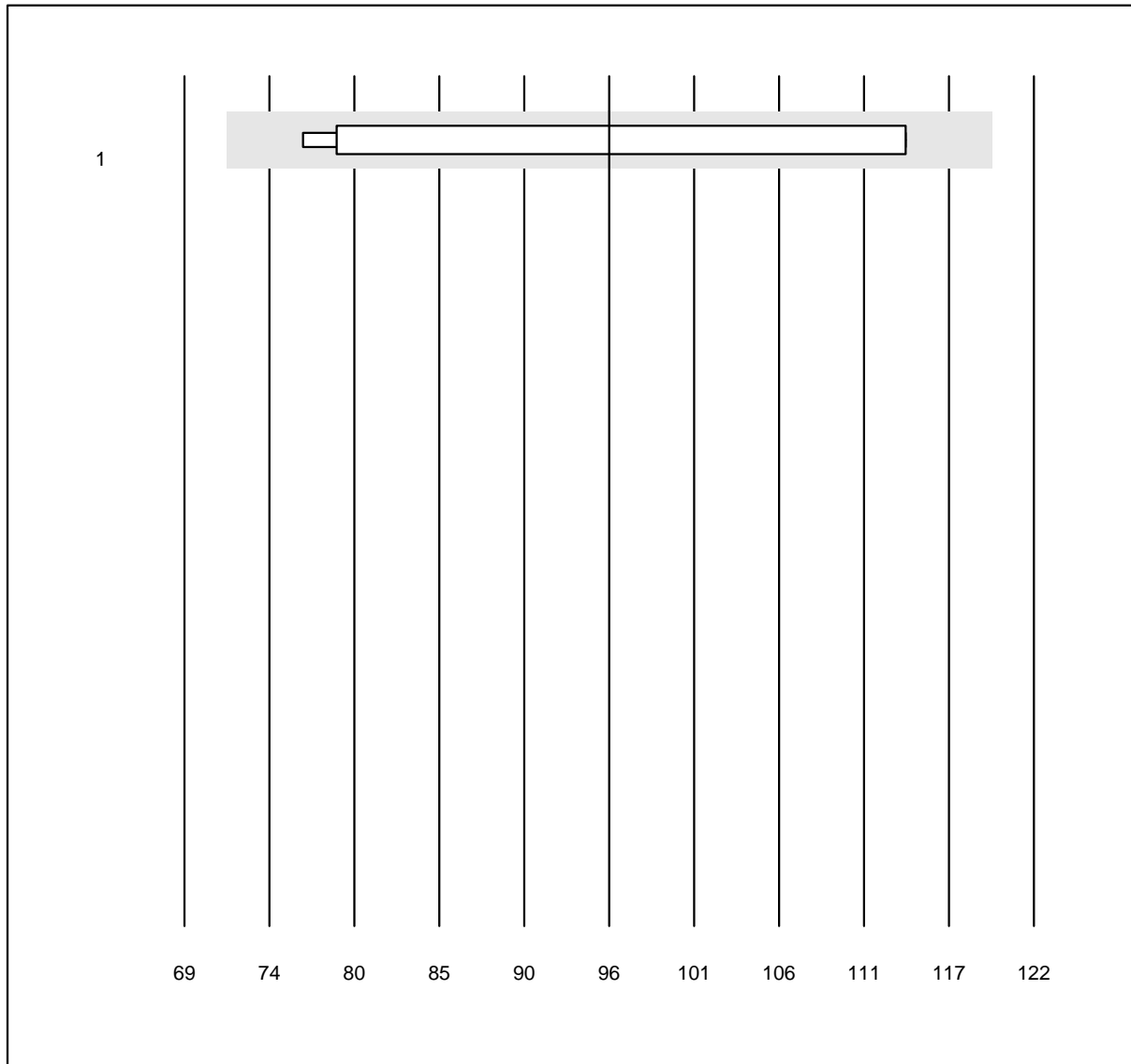


MQ Toleranz: 25%

Faktor V (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 all Participants	11	90.9	0.0	9.1	55.2	12.3 e*

Faktor VII

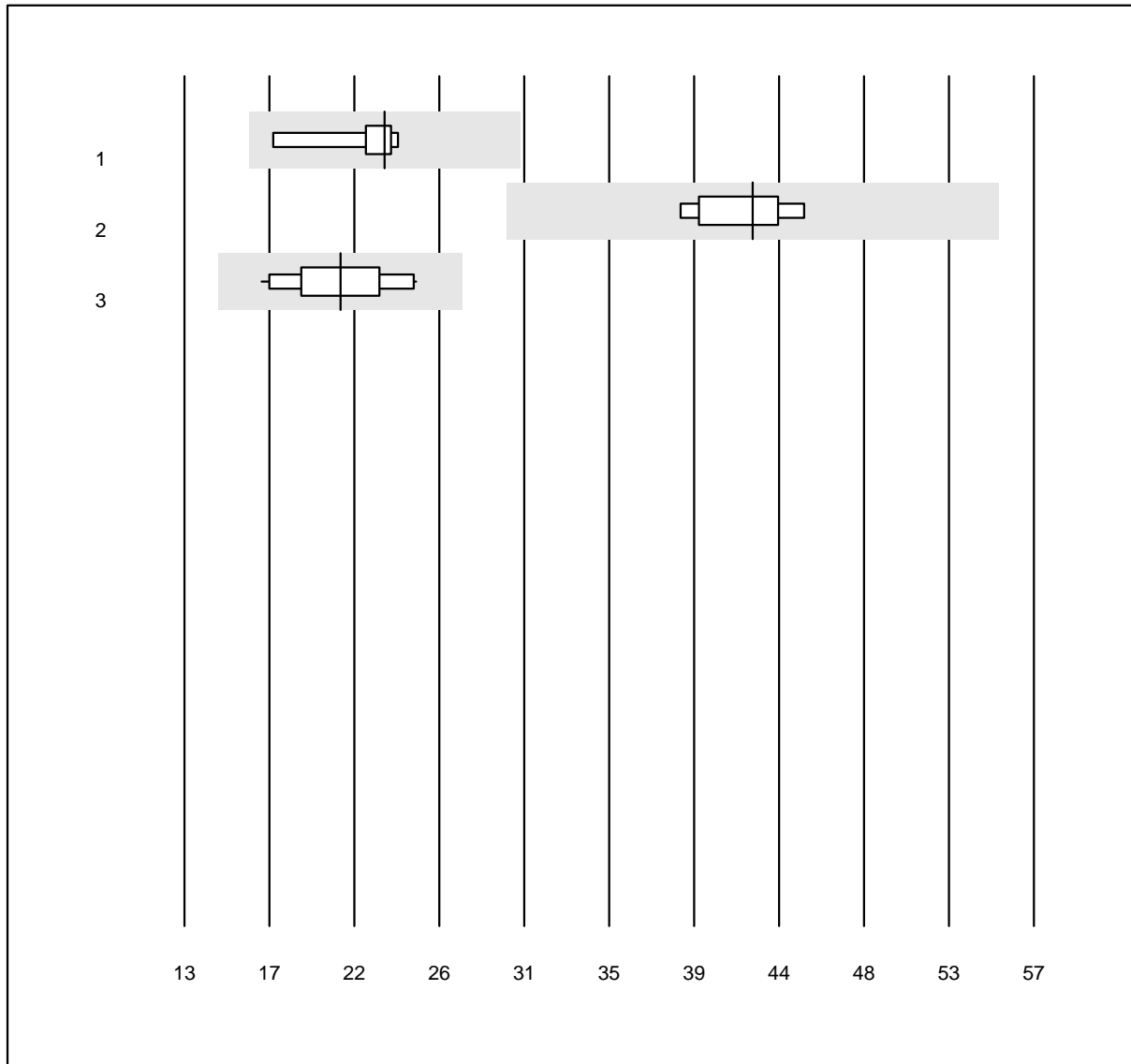


MQ Toleranz: 25%

Faktor VII (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	7	85.7	0.0	14.3	95.5	17.0	a*

Thrombintime N



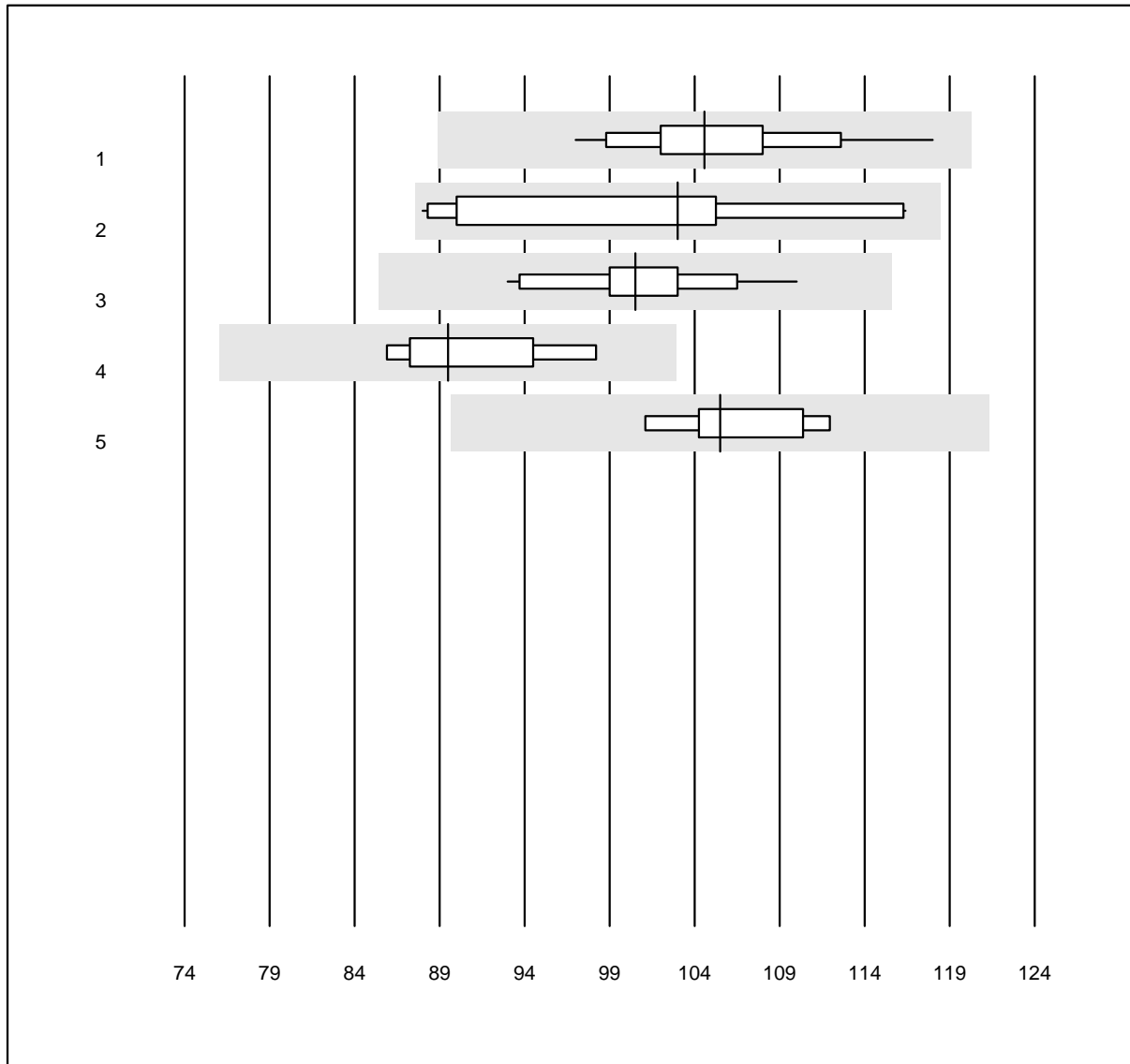
MQ Toleranz: 30%

Thrombintime N (Sek)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Stago/STA	7	100.0	0.0	0.0	23	8.6	e
2 ACL	9	100.0	0.0	0.0	42	5.4	e
3 Other methods	14	92.9	0.0	7.1	21	12.2	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Prothrombin time HT

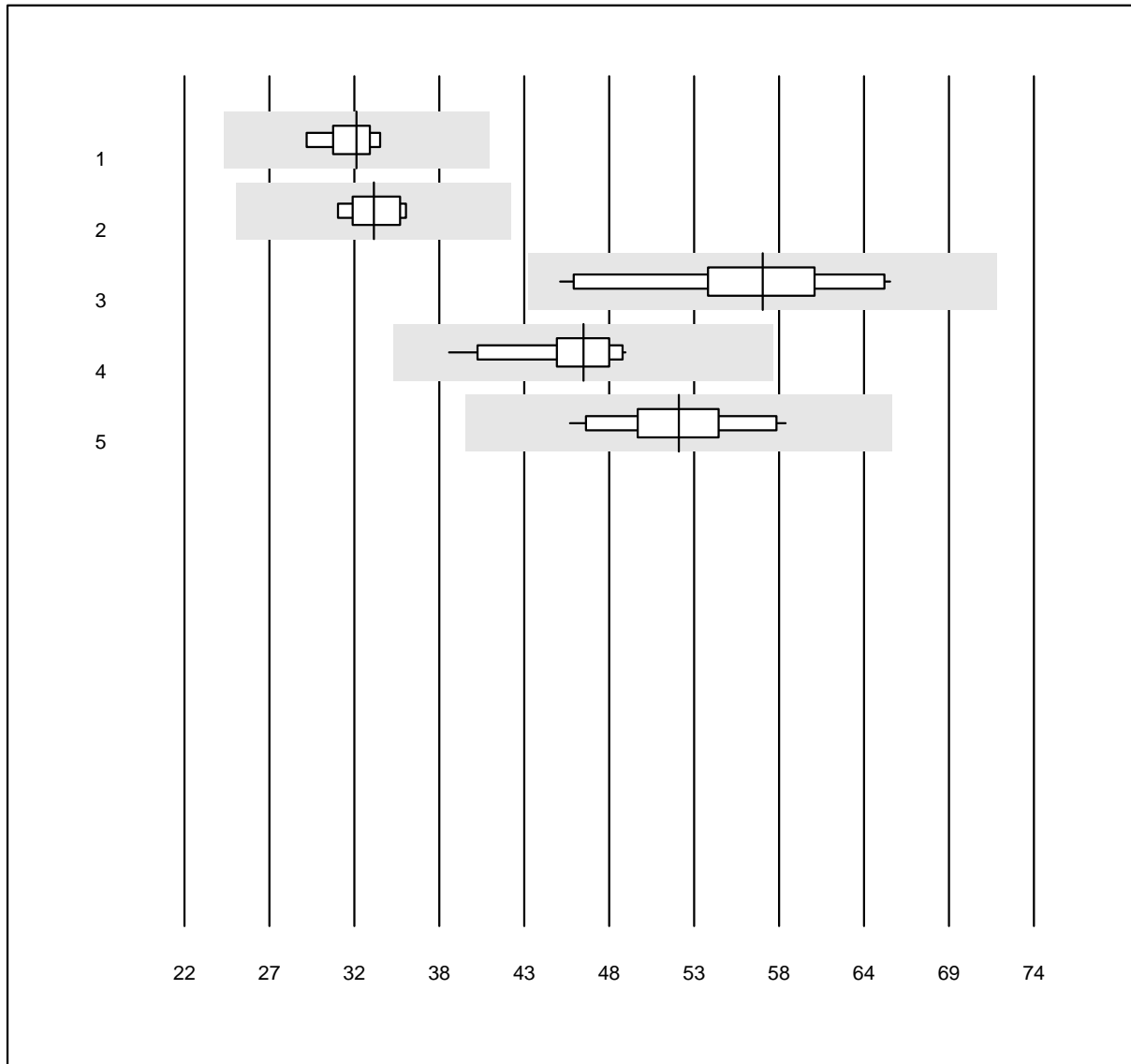


QUALAB Toleranz: 15%

Prothrombin time HT (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Innovin	15	100.0	0.0	0.0	104.6	4.7	e
2 Neoplastin R	12	100.0	0.0	0.0	103.0	10.5	a*
3 Recombiplastin 2G	16	100.0	0.0	0.0	100.5	4.3	e
4 NeoPTimal	8	100.0	0.0	0.0	89.5	4.7	e
5 Other methods	6	100.0	0.0	0.0	105.5	3.3	e

aPTT H



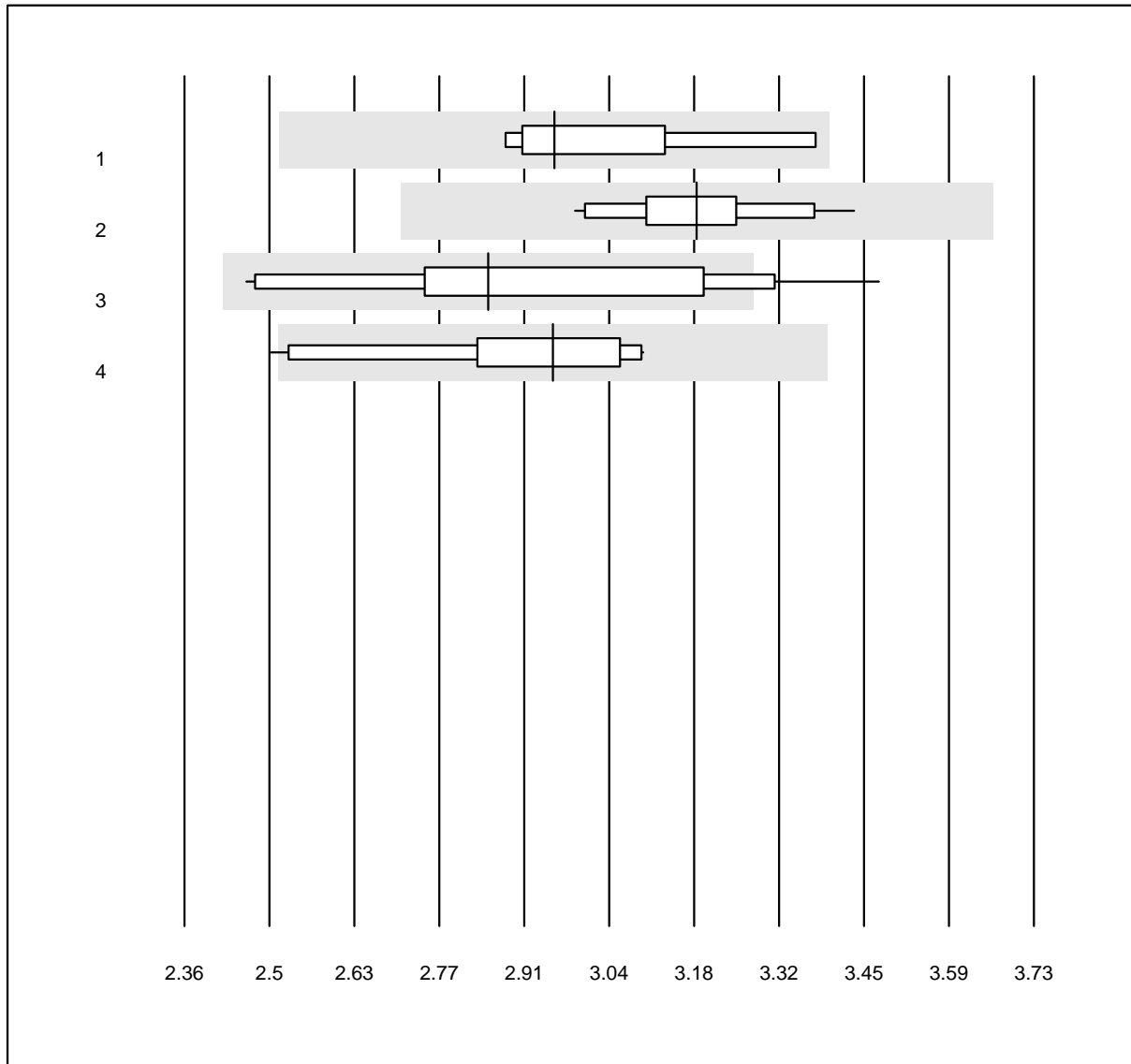
QUALAB Toleranz: 25%

aPTT H (Sek)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Actin FS	5	100.0	0.0	0.0	32.5	4.1	e
2 Actin FSL	5	100.0	0.0	0.0	33.6	4.6	e
3 Pathromtin SL	10	100.0	0.0	0.0	57.4	9.7	e*
4 aPTT-SP	12	100.0	0.0	0.0	46.4	6.3	e
5 Stago/STA	16	100.0	0.0	0.0	52.3	7.7	e

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Fibrinogen H



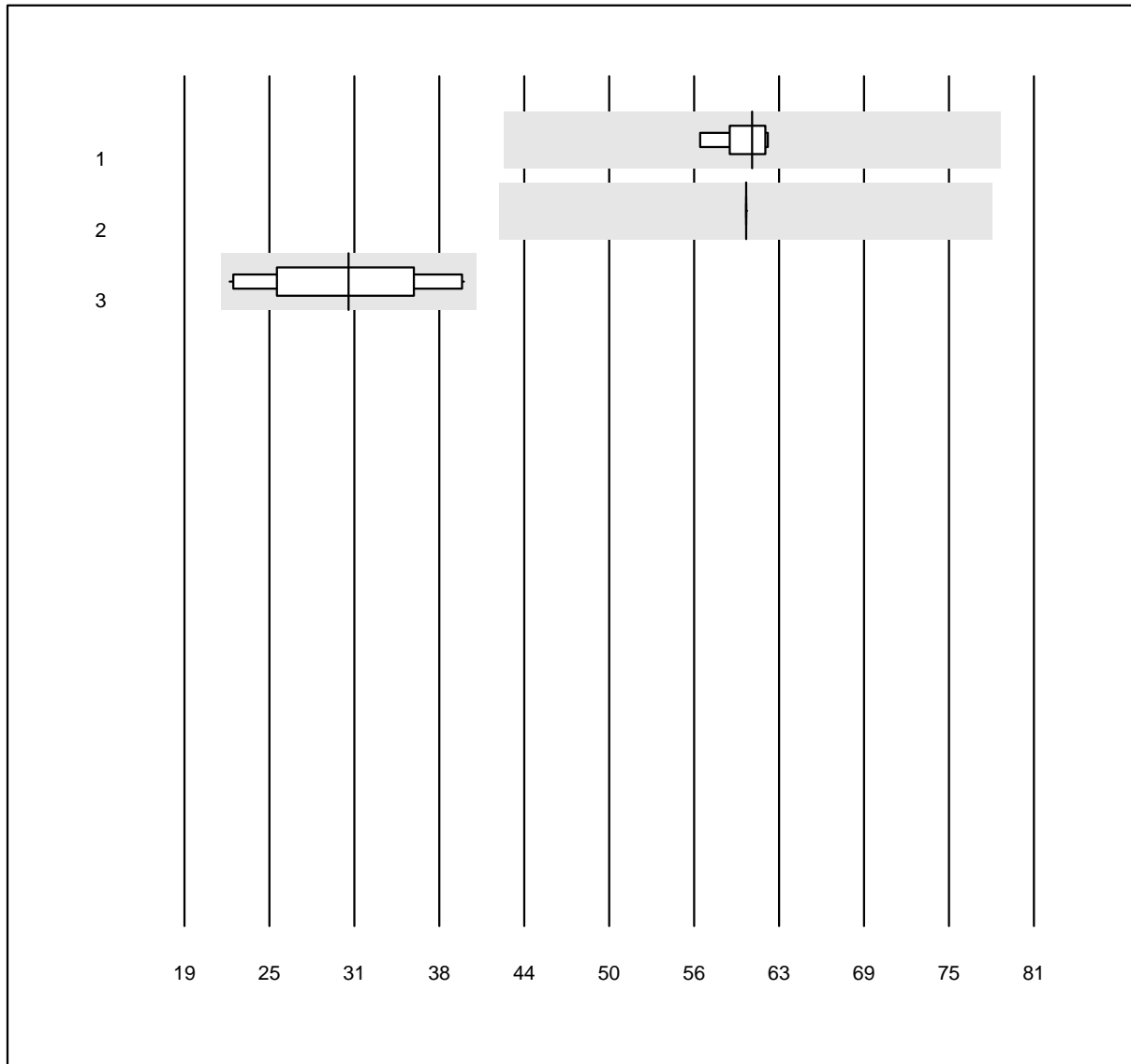
QUALAB Toleranz: 15%

Fibrinogen H (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Siemens Thrombin	5	100.0	0.0	0.0	2.96	5.1	e*
2 Stago/STA	17	100.0	0.0	0.0	3.19	3.8	e
3 HemosIL	16	93.8	6.2	0.0	2.85	9.5	a*
4 Other methods	10	90.0	10.0	0.0	2.95	6.2	e*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Thrombintime H



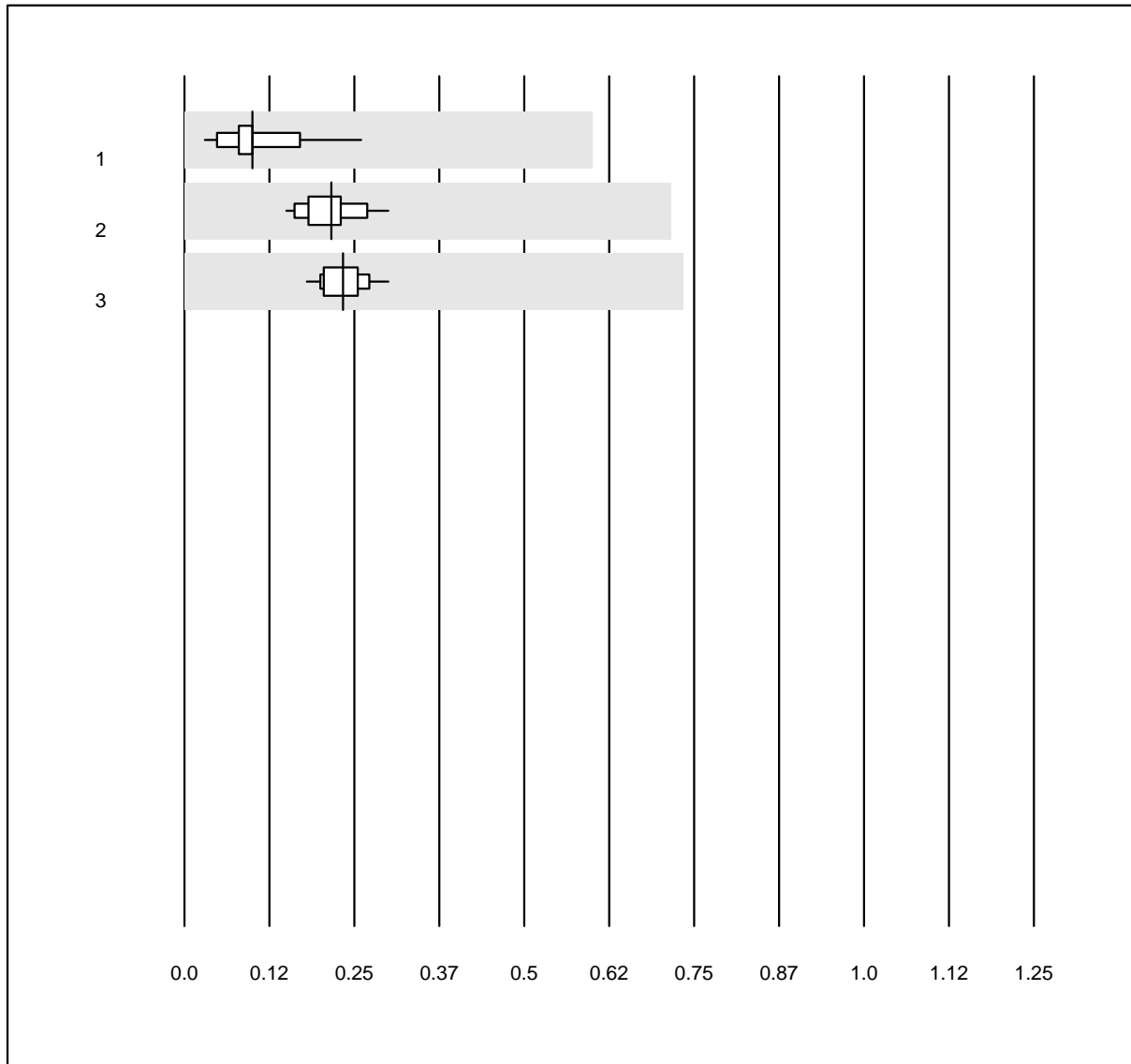
MQ Toleranz: 30%

Thrombintime H (Sek)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Stago/STA	5	100.0	0.0	0.0	60	2.6	e
2 ACL	11	90.9	0.0	9.1	60	0.0	e
3 Other methods	10	100.0	0.0	0.0	31	18.8	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Anti-FXa (unfrakt-Heparin)

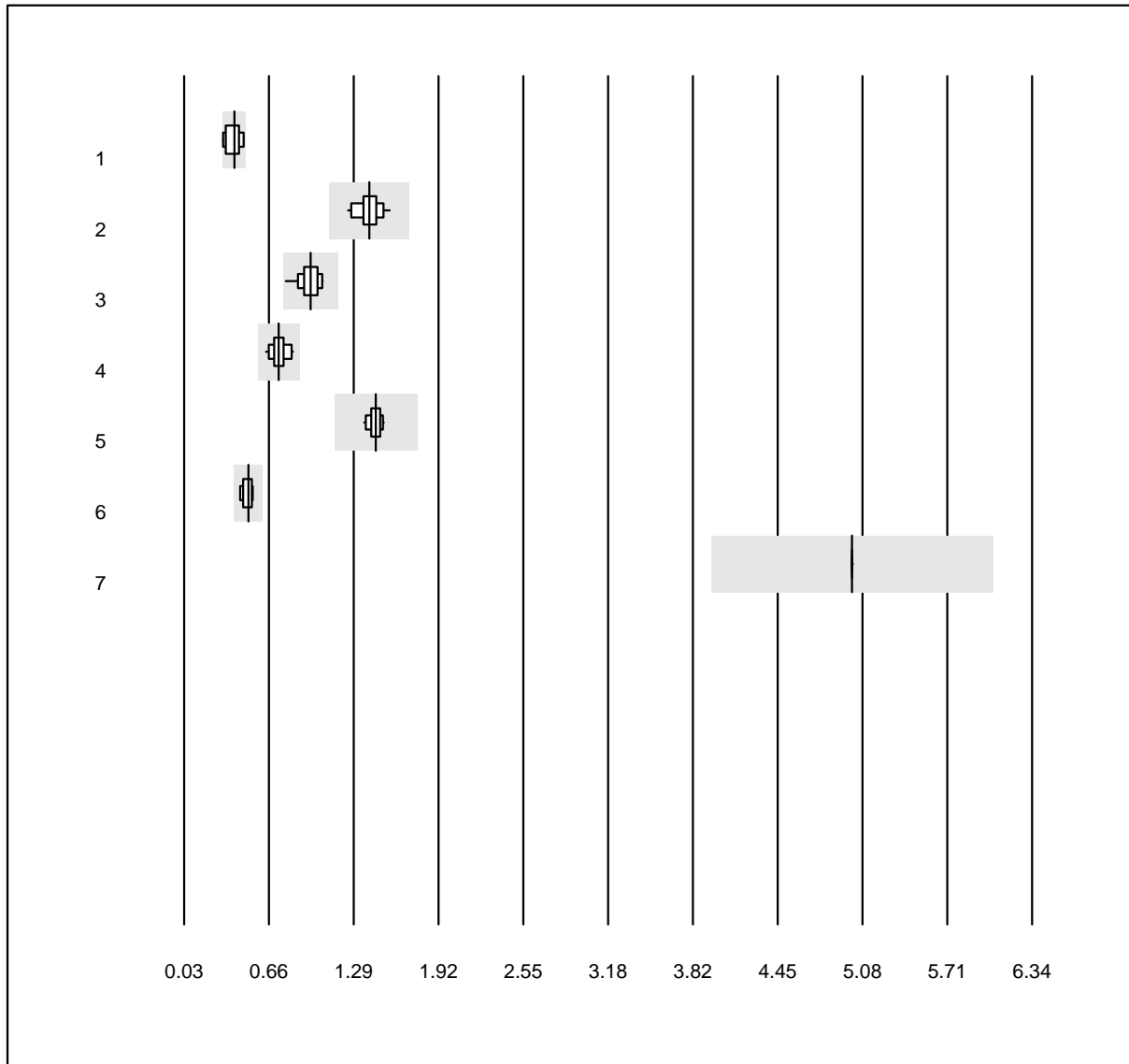


MQ Toleranz: 30%
(< 0.9: +/- 0.5 IU/ml)

Anti-FXa (unfrakt-Heparin)
(IU/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Stago/STA	15	100.0	0.0	0.0	0.10	49.0	e
2 ACL	21	95.2	0.0	4.8	0.22	17.2	e
3 Other methods	25	100.0	0.0	0.0	0.23	12.6	e

D-dimer



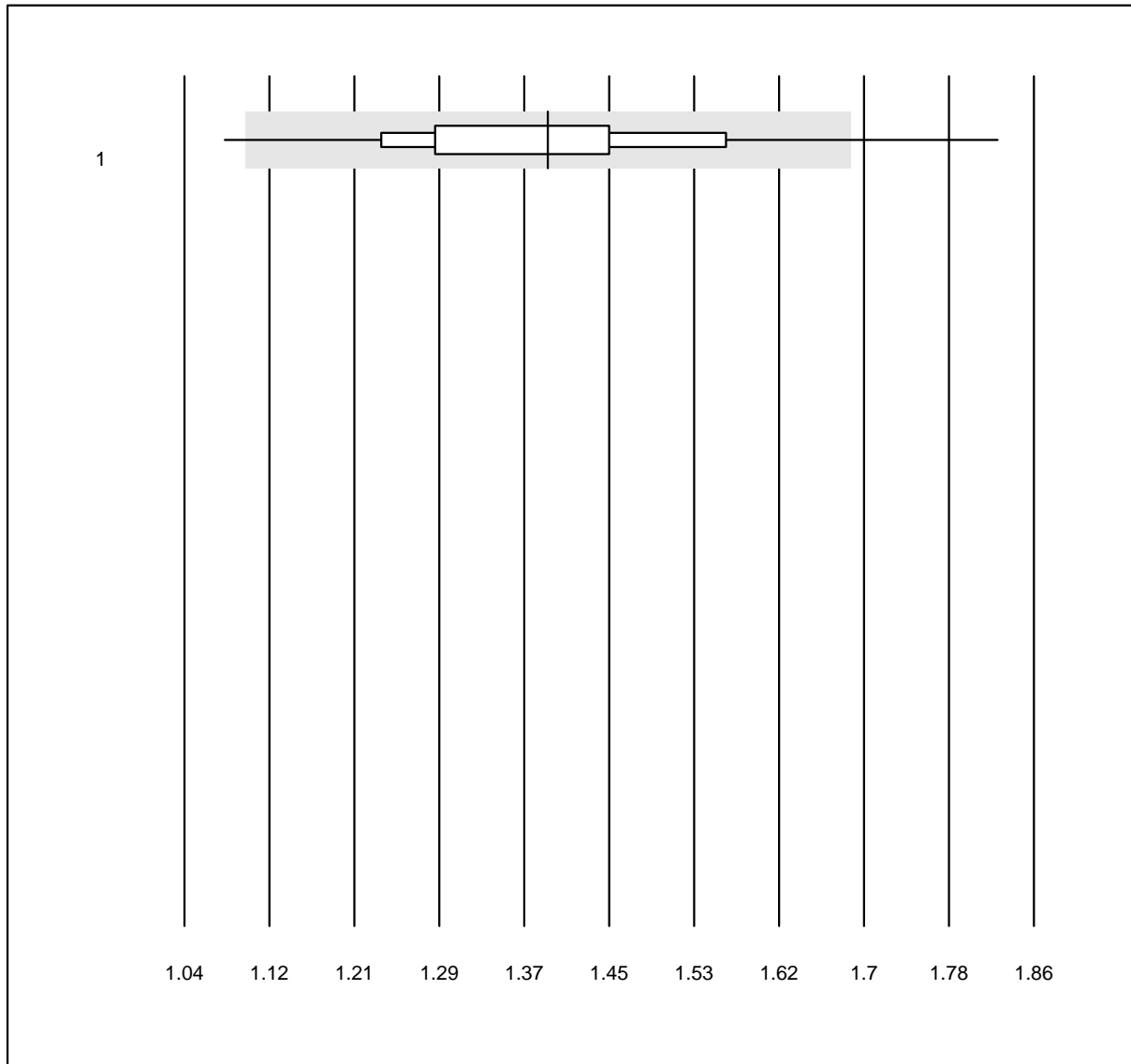
QUALAB Toleranz: 21%

D-dimer (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	9	100.0	0.0	0.0	0.40	13.6	e*
2 Siemens	17	100.0	0.0	0.0	1.41	5.4	e
3 VIDAS	17	100.0	0.0	0.0	0.97	7.2	e
4 STA Liatest	19	100.0	0.0	0.0	0.73	7.1	e
5 ACL	13	100.0	0.0	0.0	1.46	2.9	e
6 AQT 90 FLEX	4	100.0	0.0	0.0	0.51	6.8	e*
7 Pathfast	22	95.5	0.0	4.5	5.00	0.0	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

D-dimer qn AFIAS

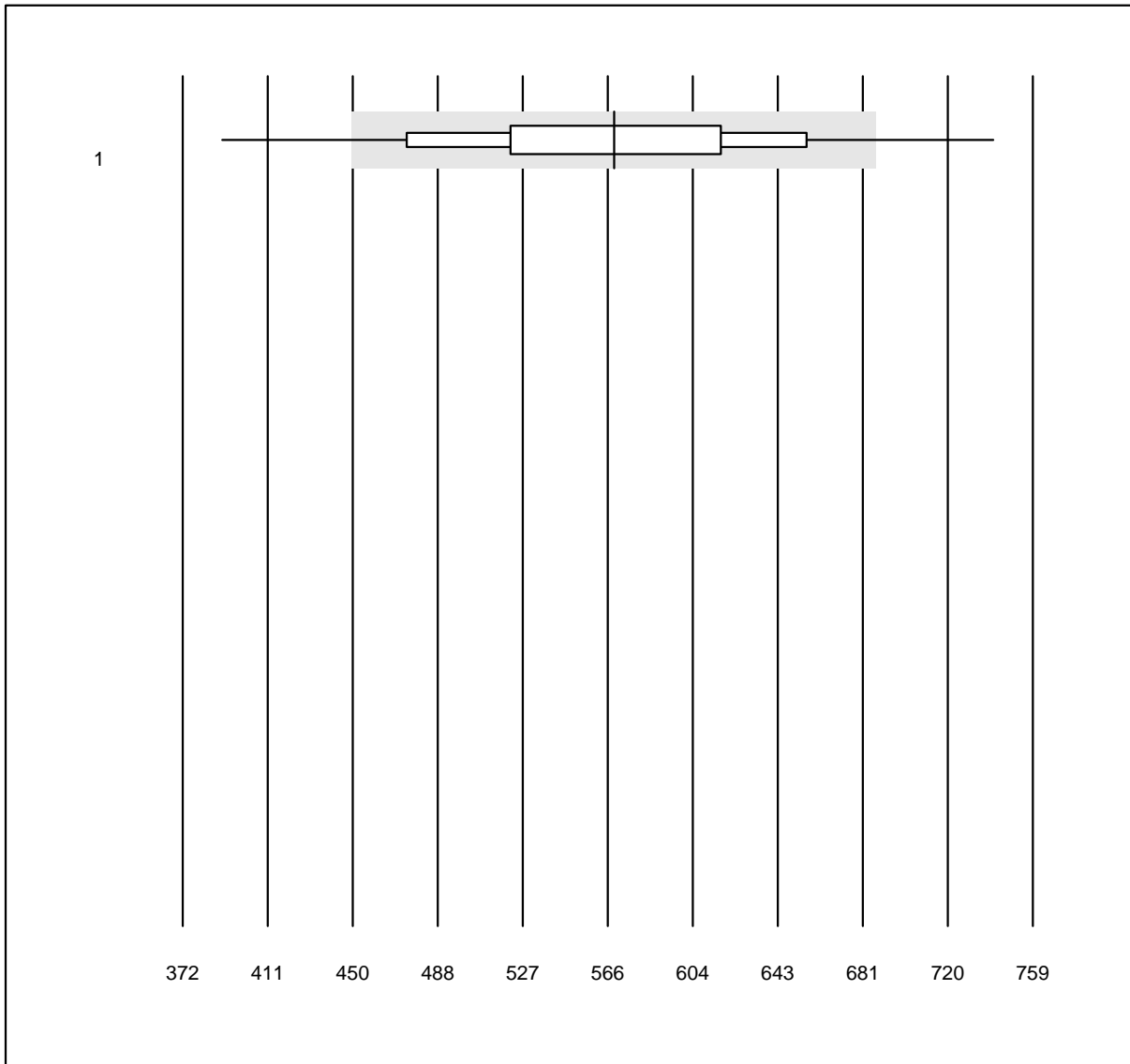


QUALAB Toleranz: 21%

D-dimer qn AFIAS (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 AFIAS	671	85.7	4.2	10.1	1.39	9.9	e

D-Dimer Triage

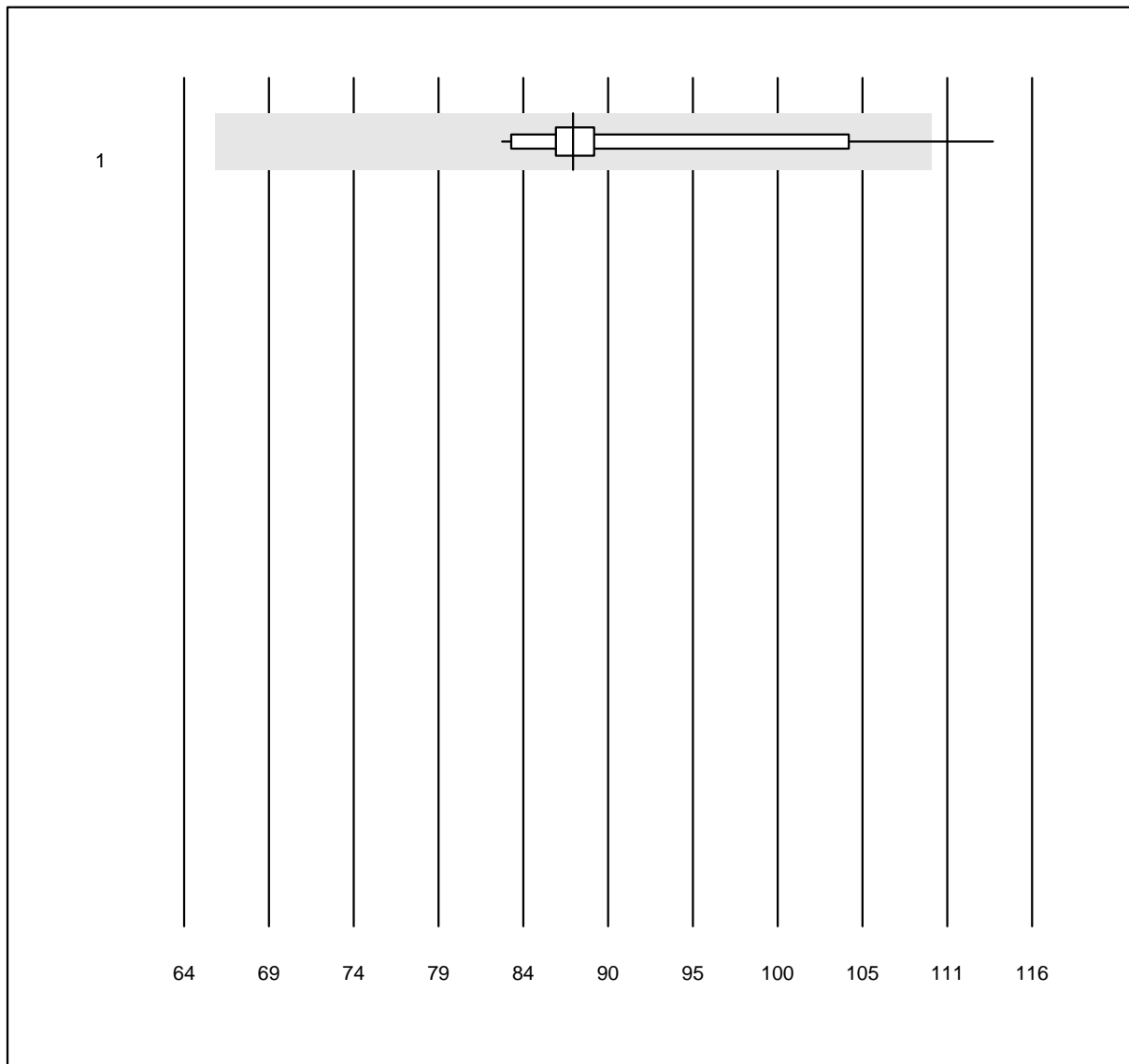


QUALAB Toleranz: 21%

D-Dimer Triage (ng/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Triage	441	88.2	9.8	2.0	568.42	12.3	e

CoaguChek APTT

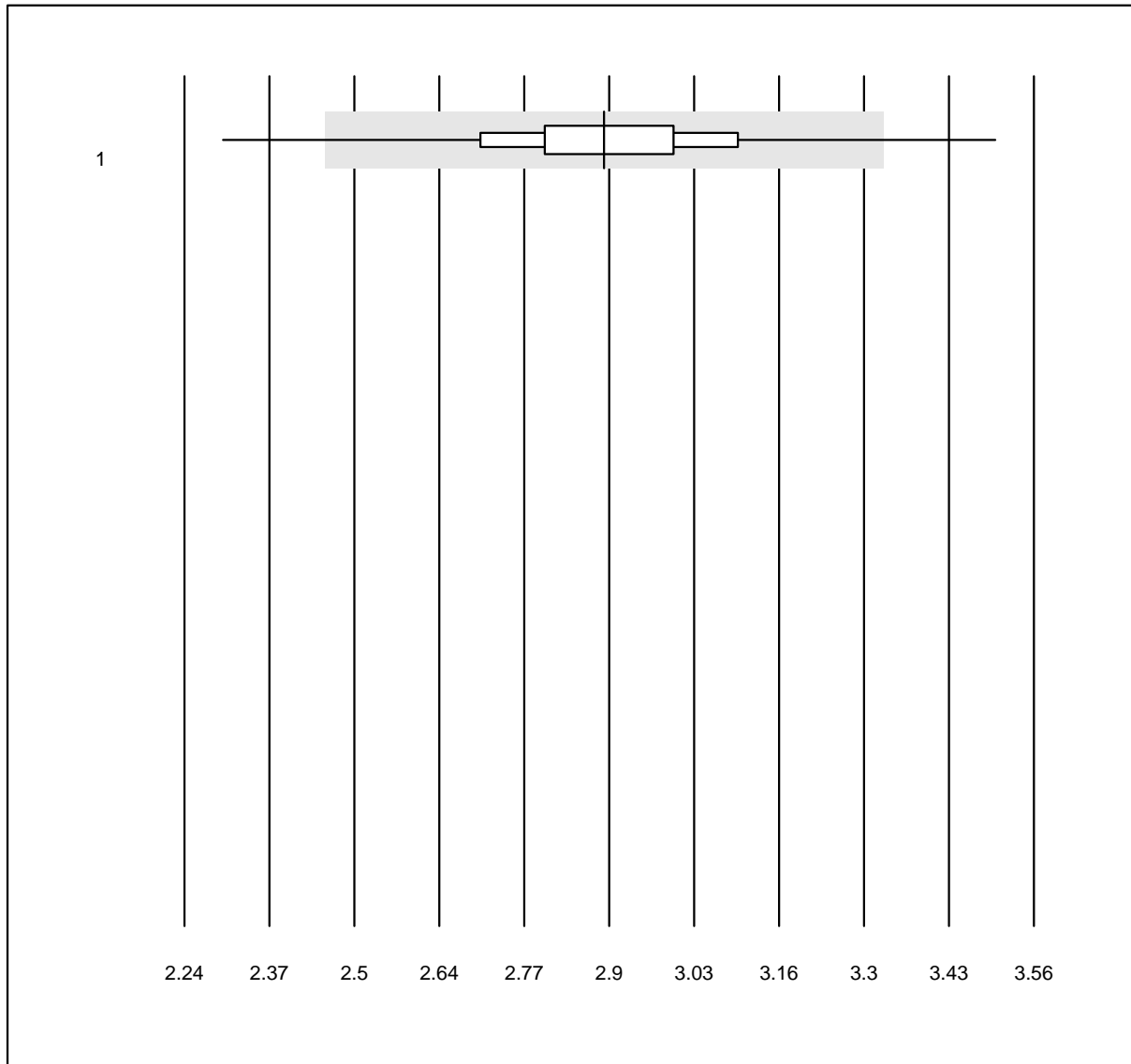


QUALAB Toleranz: 25%

CoaguChek APTT (Sek)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 CoaguChek Pro II	13	92.3	7.7	0.0	87.9	8.4	e

INR CCXS

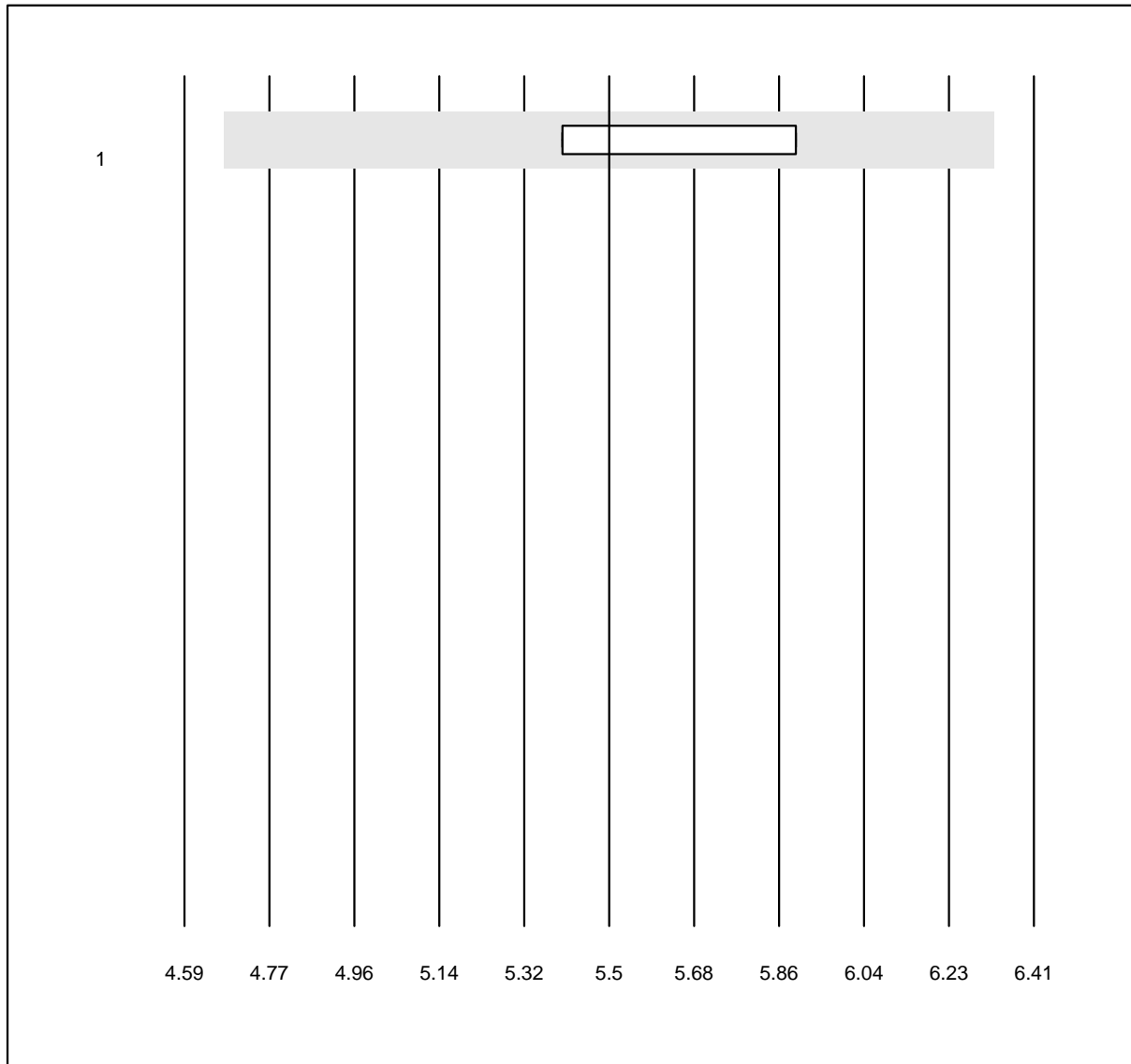


QUALAB Toleranz: 15%

INR CCXS (INR)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 CoaguChek XS	1143	99.2	0.7	0.1	2.9	4.9	e

INR HC

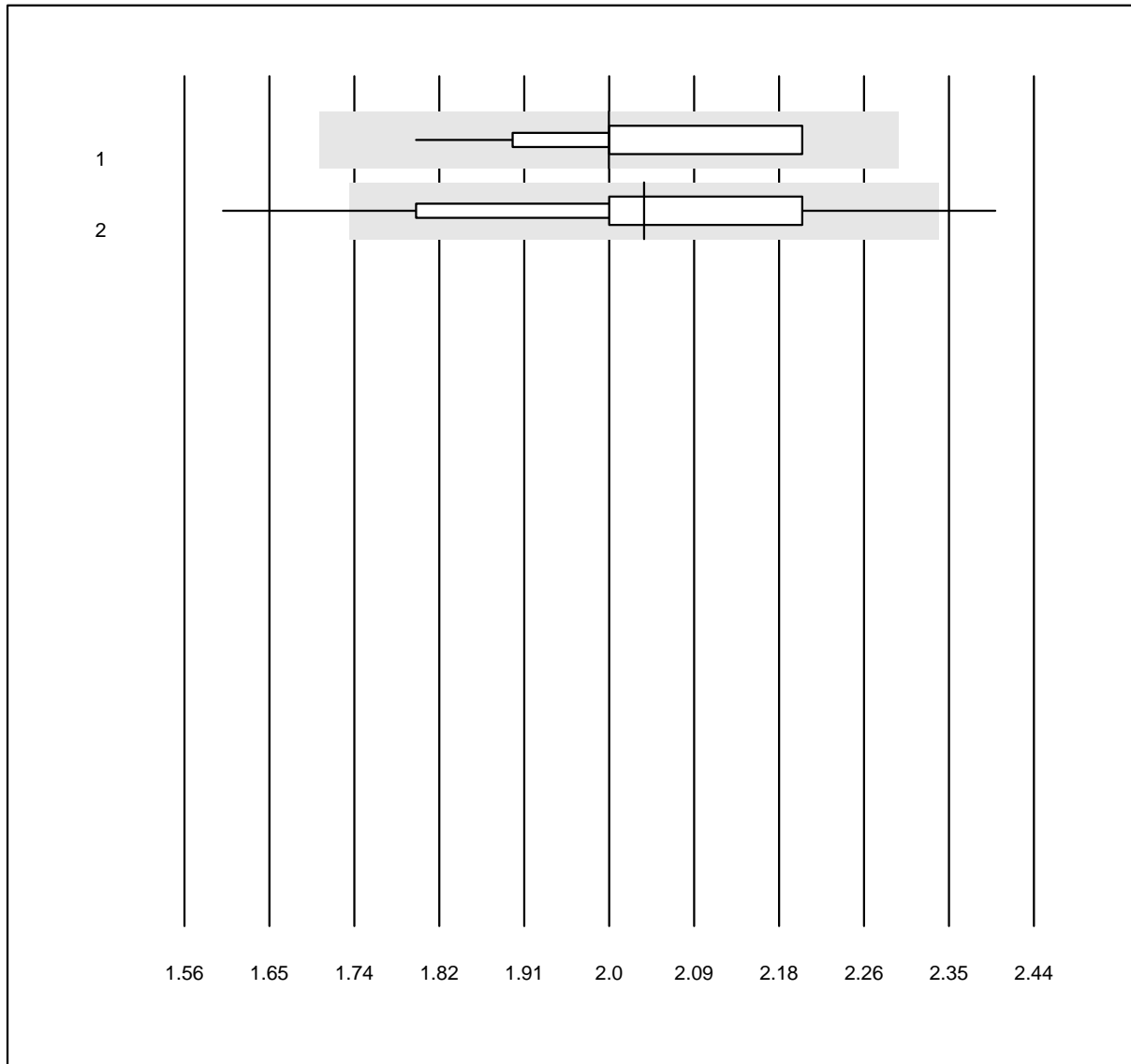


QUALAB Toleranz: 15%

INR HC ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Hemochron j.	6	83.3	0.0	16.7	5.5	4.5	e*

INR MI

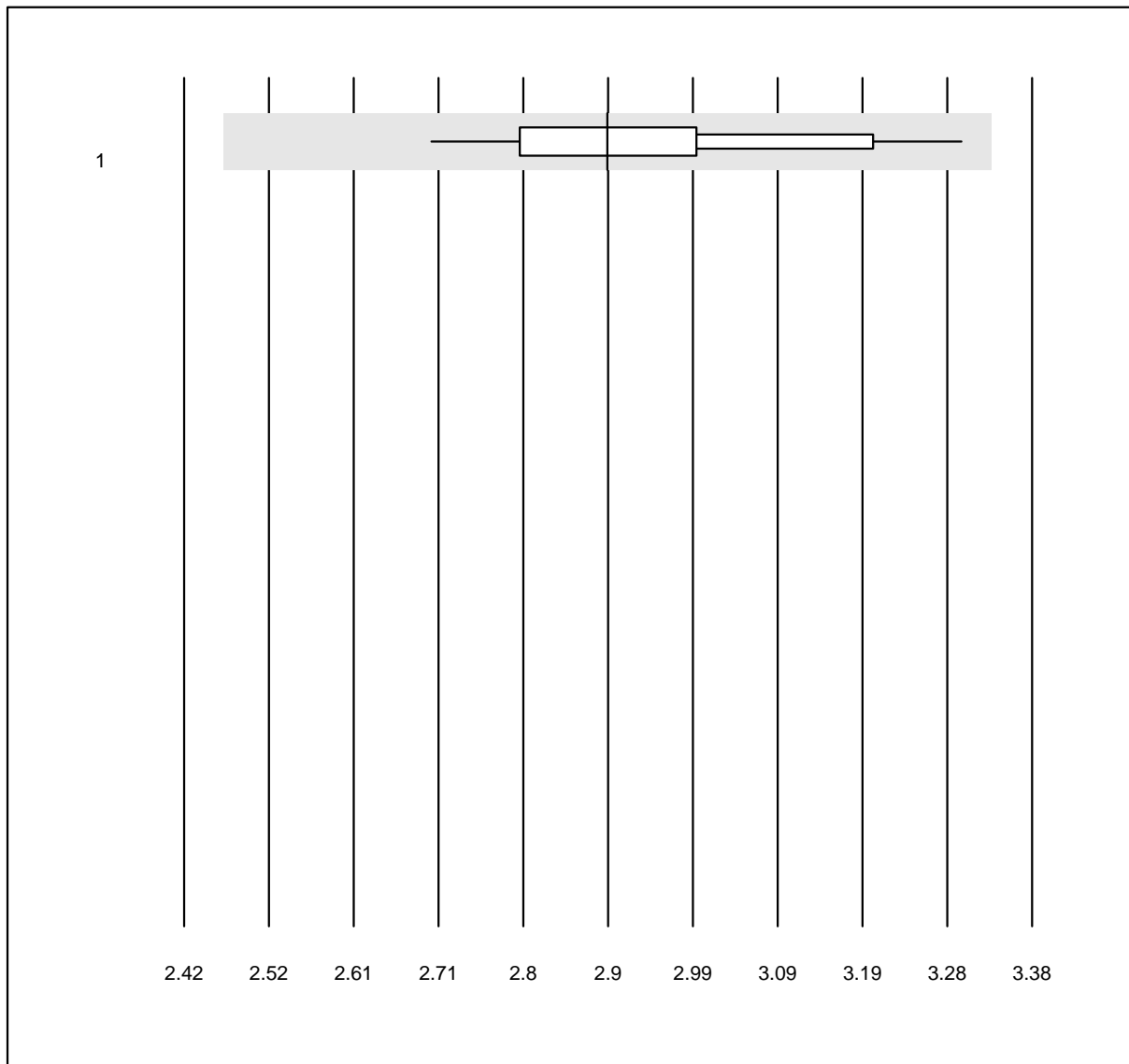


QUALAB Toleranz: 15%

INR MI ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 microINR Expert	33	75.8	0.0	24.2	2.0	5.2	e
2 microINR	96	86.5	4.2	9.4	2.0	7.3	e

INR Xprecia

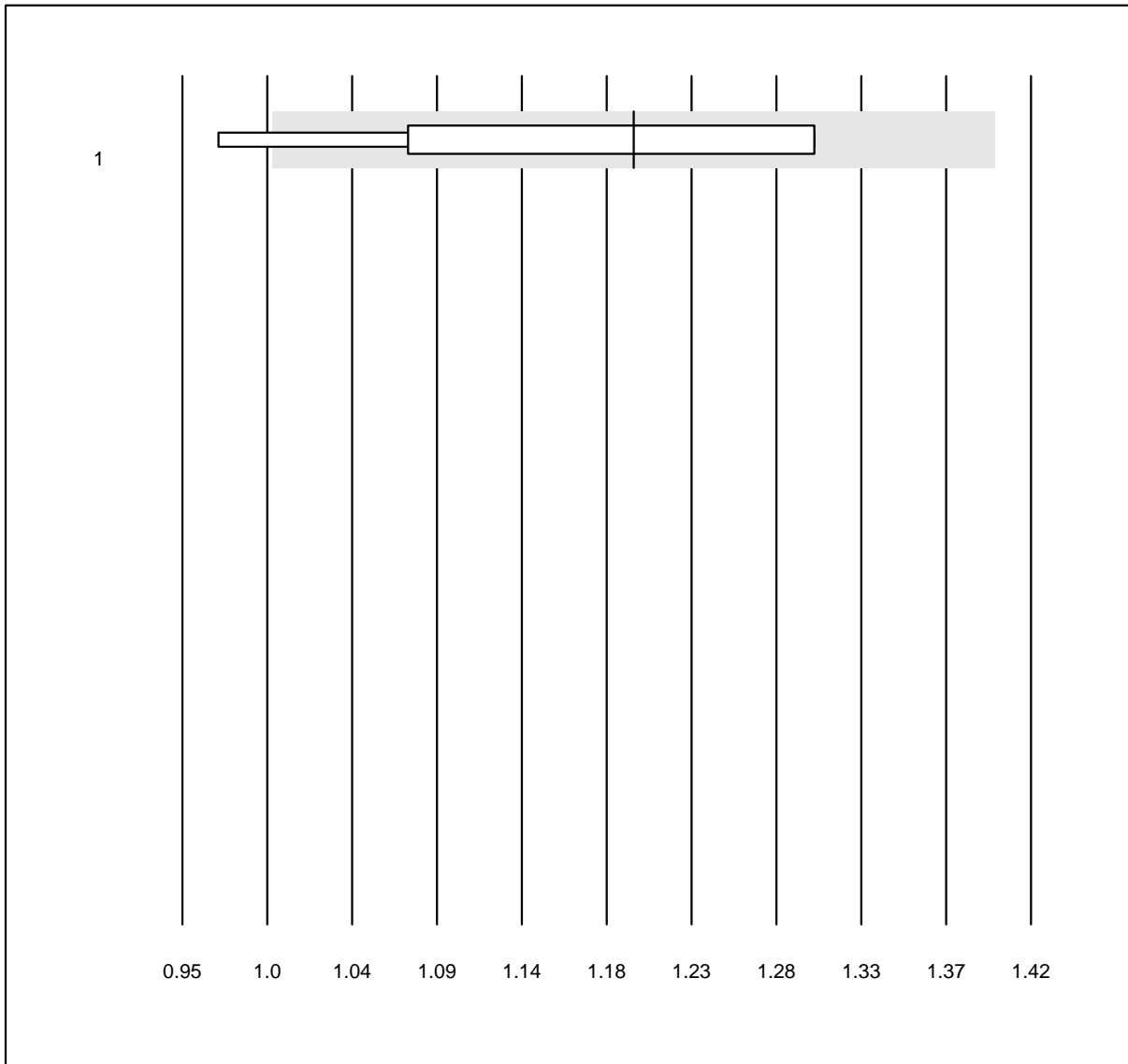


QUALAB Toleranz: 15%

INR Xprecia ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Xprecia	36	100.0	0.0	0.0	2.9	4.9	e

INR Lumira Dx

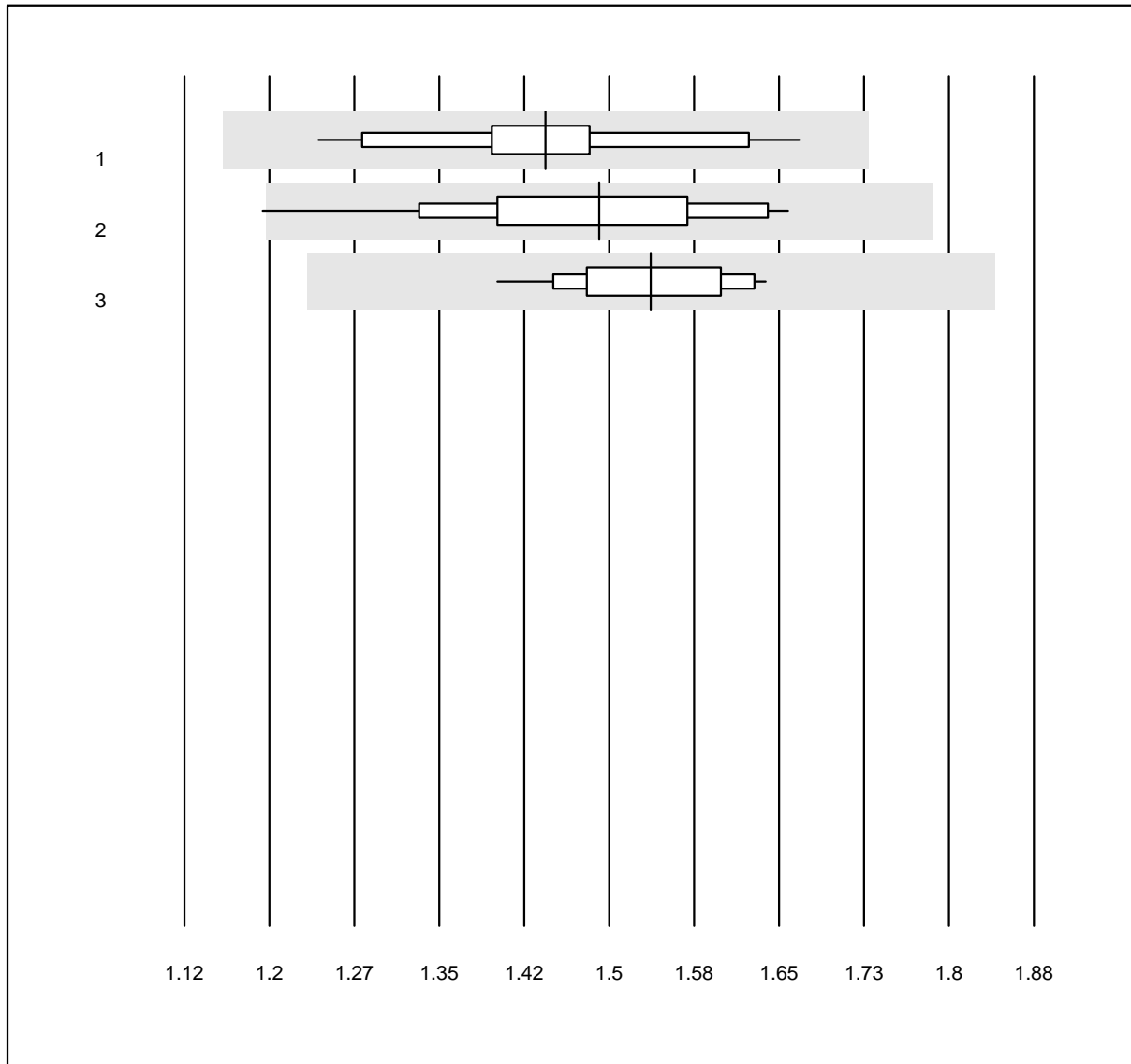


QUALAB Toleranz: 15%
(< 1.3: +/- 0.2)

INR Lumira Dx ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Lumira Dx	6	100.0	0.0	0.0	1.2	9.9	e*

Anti-FXa (LMW-Heparin)

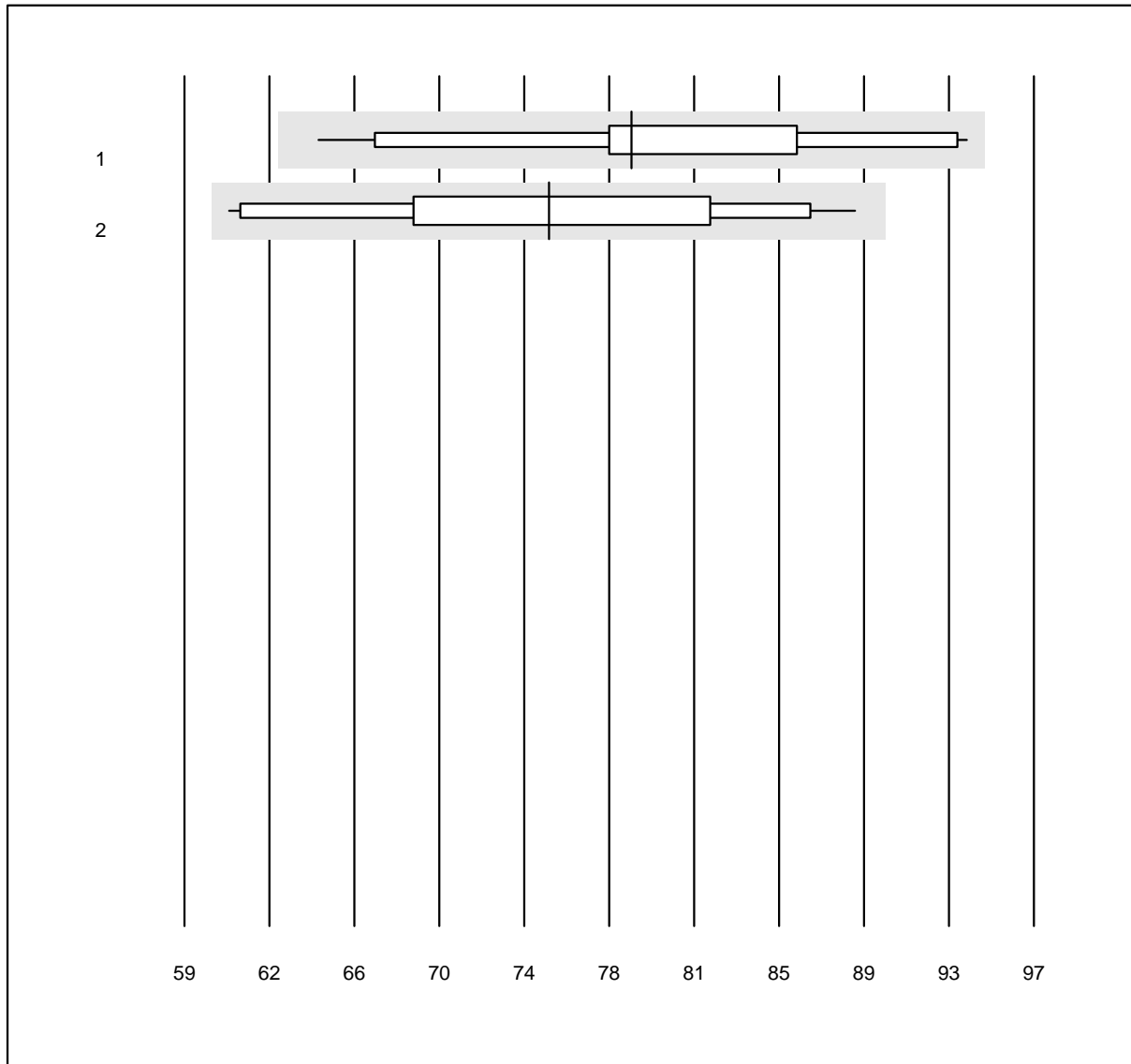


MQ Toleranz: 20%

Anti-FXa (LMW-Heparin)
(IU/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Stago/STA	12	100.0	0.0	0.0	1.44	7.0	e
2 ACL	23	95.7	4.3	0.0	1.49	7.5	e
3 Other methods	21	90.5	0.0	9.5	1.54	4.4	e

Anti-FXa (Rivaroxaban)



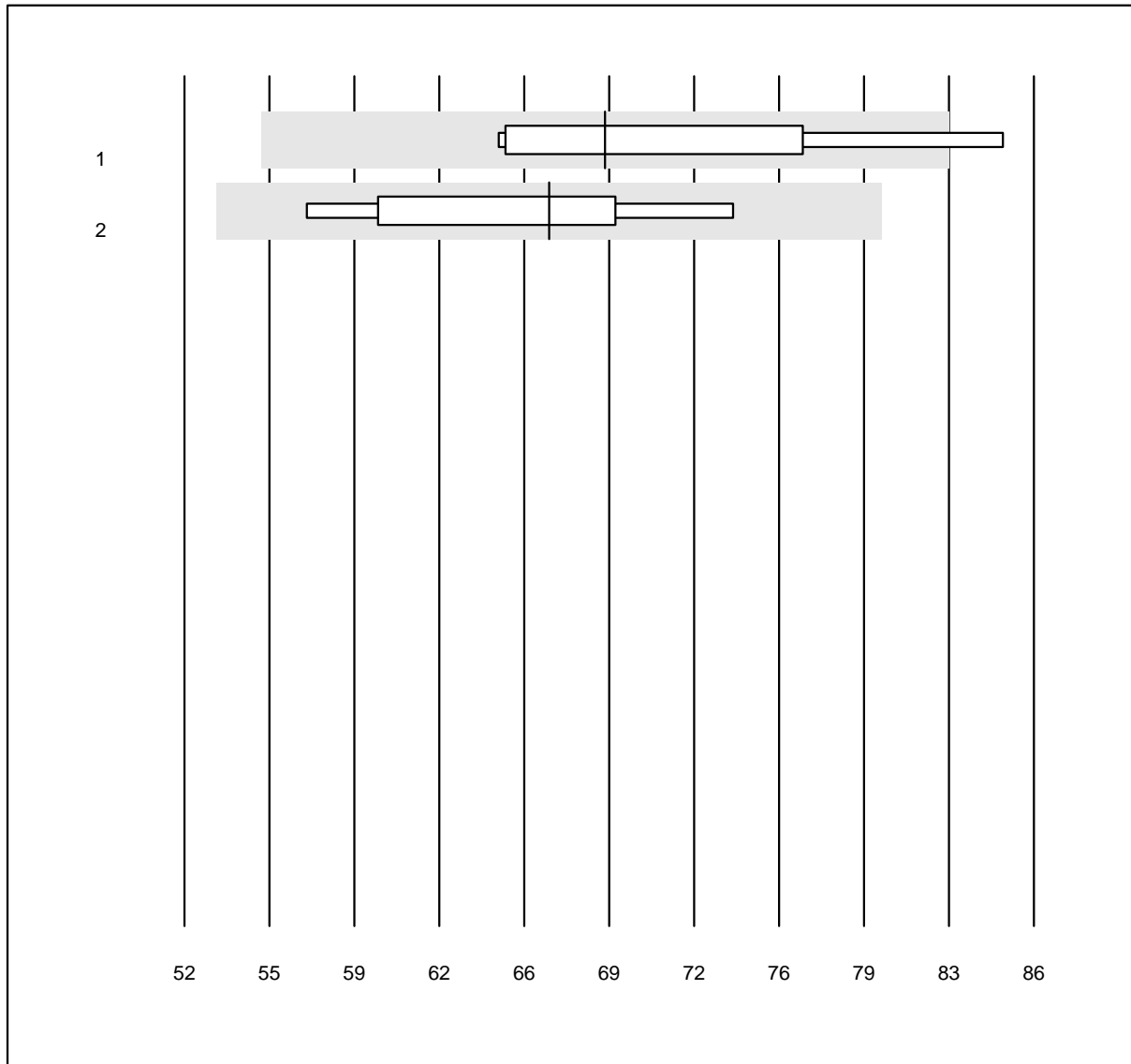
MQ Toleranz: 20%

Anti-FXa (Rivaroxaban)
(µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ACL	11	100.0	0.0	0.0	79.00	9.5	a*
2 Stago/STA	14	100.0	0.0	0.0	75.31	11.3	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Anti-FXa (Apixaban)

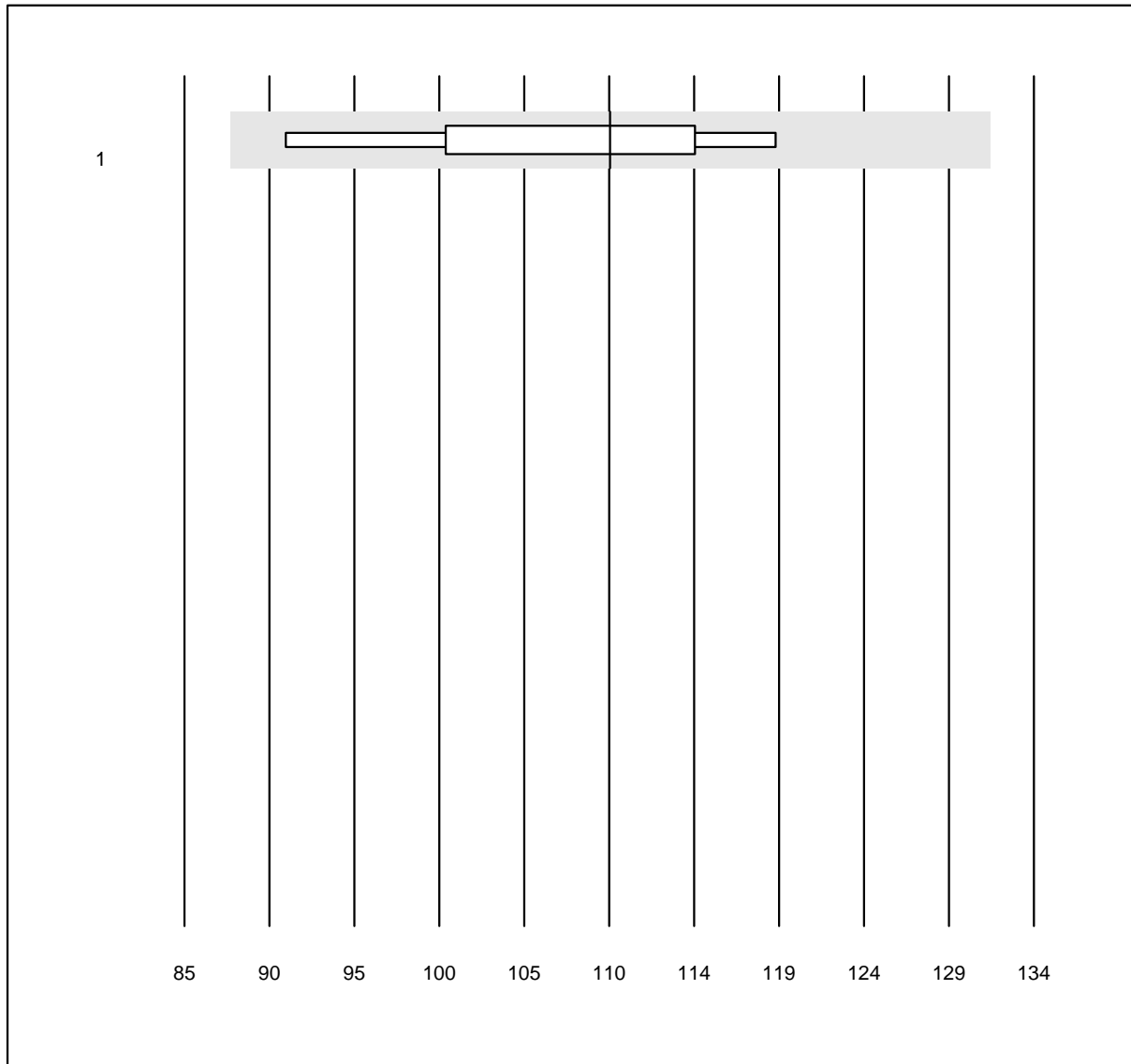


MQ Toleranz: 20%

Anti-FXa (Apixaban) (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ACL	5	100.0	0.0	0.0	68.83	9.6	e*
2 Stago/STA	9	88.9	0.0	11.1	66.60	8.5	e*

Anti-FXa (Edoxaban)

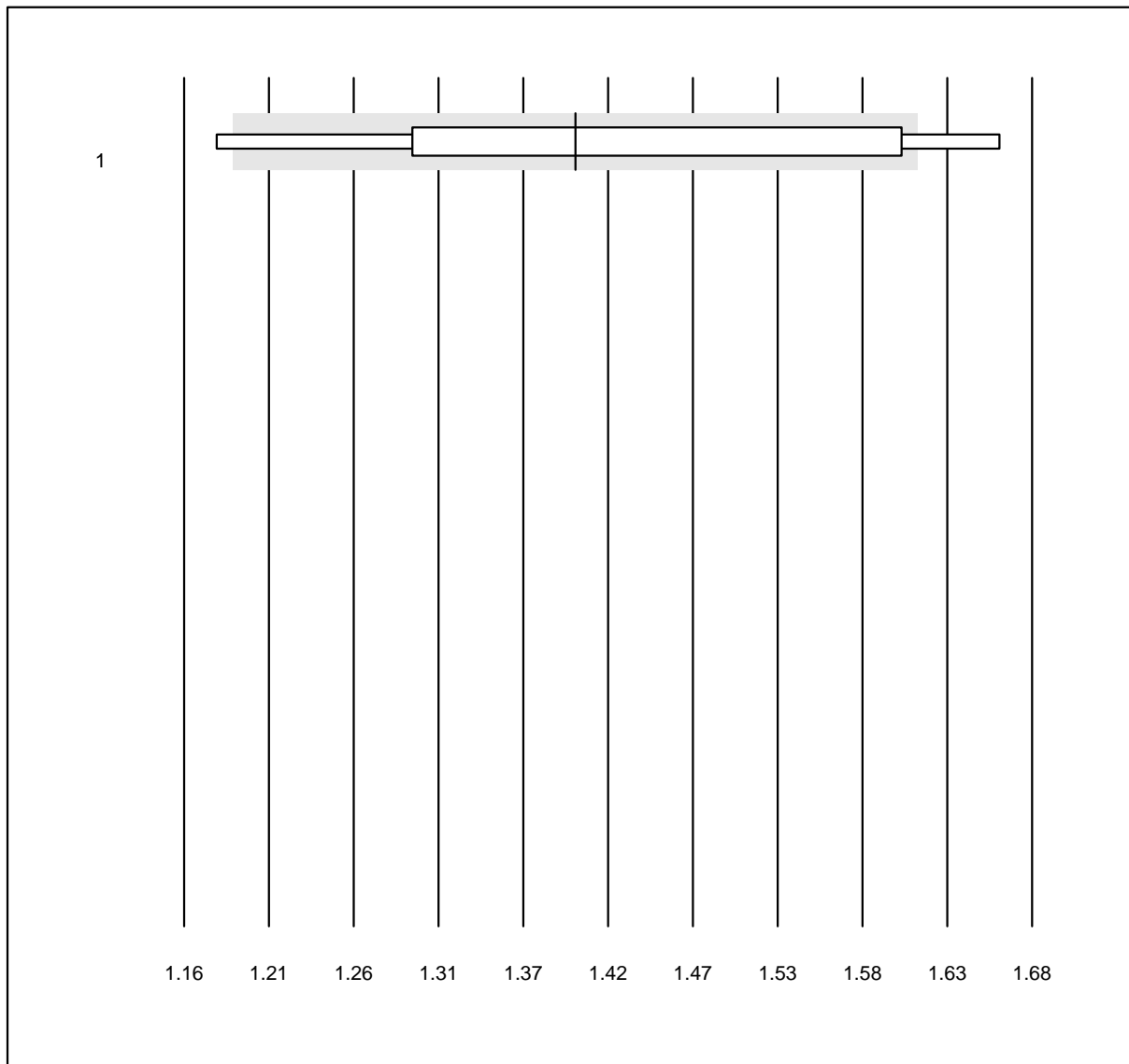


MQ Toleranz: 20%

Anti-FXa (Edoxaban) (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	4	100.0	0.0	0.0	109.55	7.4	e*

INR Labpad

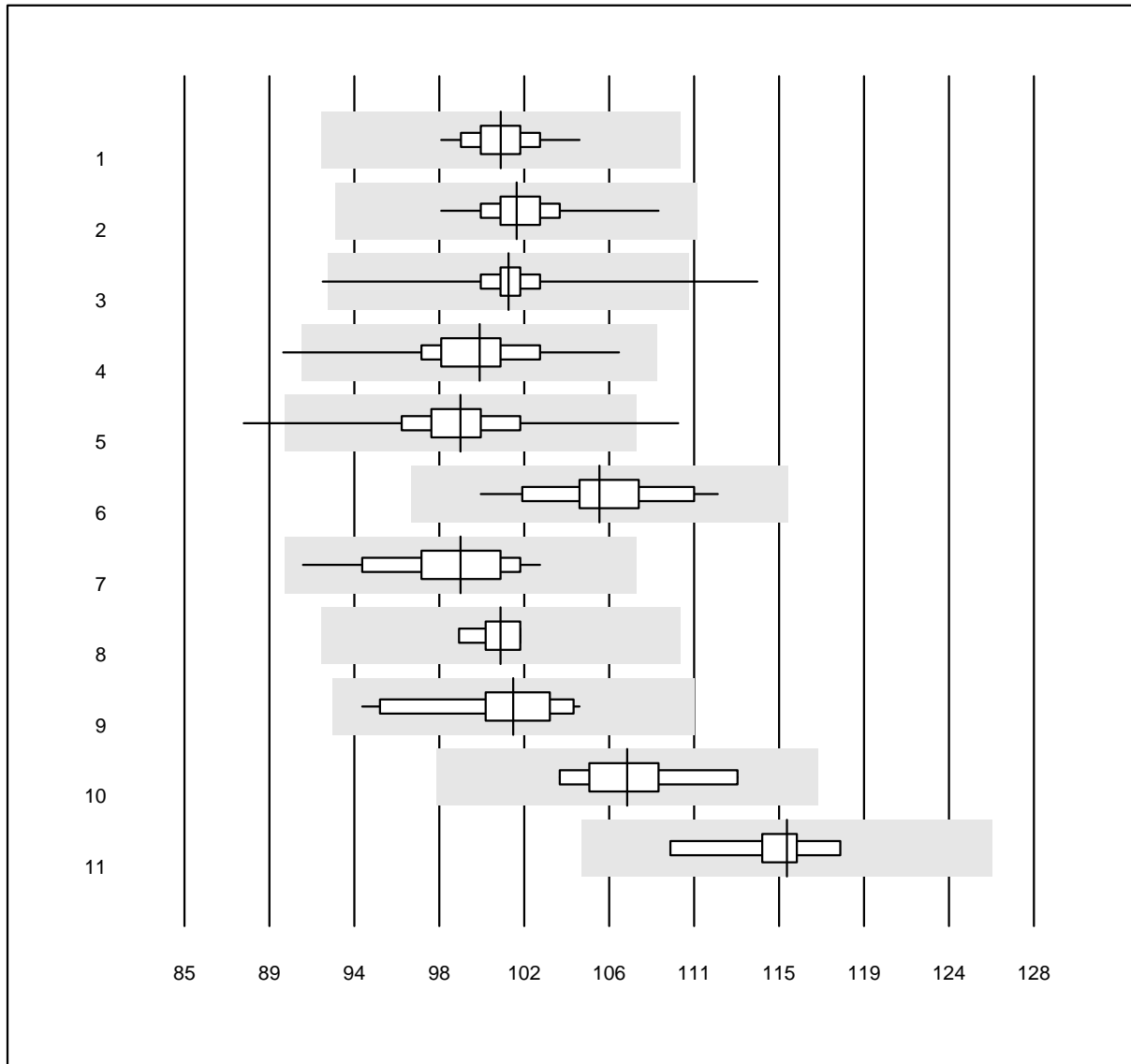


QUALAB Toleranz: 15%

INR Labpad (INR)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 Labpad	4	75.0	0.0	25.0	1.4	10.4 e*

Hemoglobin 1



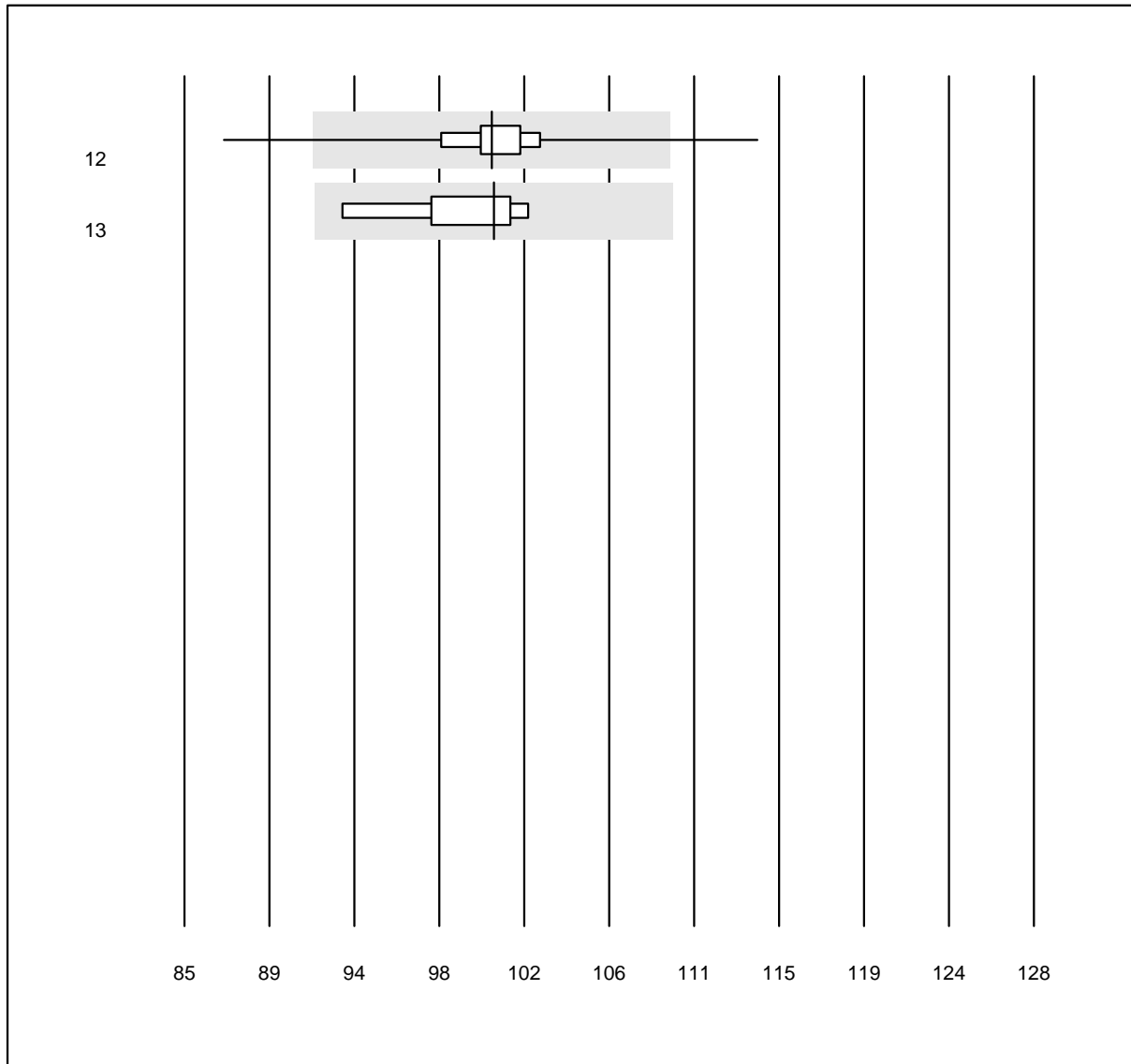
QUALAB Toleranz: 9%

Hemoglobin (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex XN	60	100.0	0.0	0.0	101.0	1.5	e
2 Sysmex XQ-320	276	98.2	0.0	1.8	101.8	1.5	e
3 Sysmex XP-300	518	98.3	0.6	1.2	101.4	1.7	e
4 Sysmex Poch-100i	168	98.8	0.6	0.6	99.9	2.4	e
5 Mythic	187	96.8	2.1	1.1	99.0	2.9	e
6 Swelab	20	100.0	0.0	0.0	106.0	2.7	e
7 Micros 60	40	97.5	0.0	2.5	99.0	2.7	e
8 Hemocontrol	8	100.0	0.0	0.0	101.0	1.1	e
9 Cyanmethemoglobin	12	100.0	0.0	0.0	101.6	3.0	e
10 DiaSpect	11	81.8	0.0	18.2	107.4	2.5	e
11 Hemocue Hb 801	8	100.0	0.0	0.0	115.5	2.0	e

4 additional results were submitted but not published because the method groups were too small. (< results per group)

Hemoglobin 2



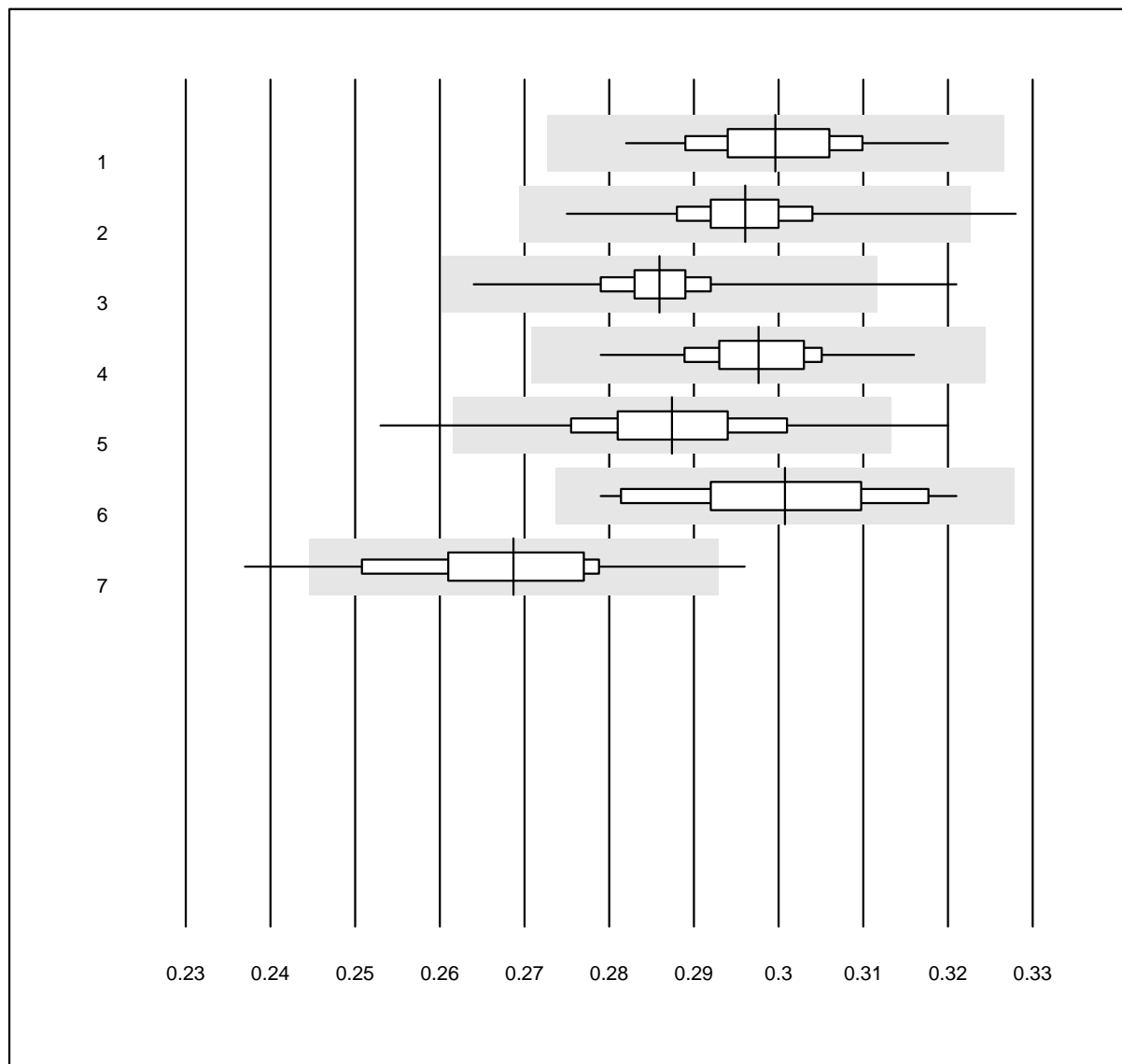
QUALAB Toleranz: 9%

Hemoglobin (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Hemocue	384	95.8	1.6	2.6	100.6	2.7	e
13 Automat	5	100.0	0.0	0.0	100.7	2.8	e*

4 additional results were submitted but not published because the method groups were too small. (< results per group)

Hematocrit



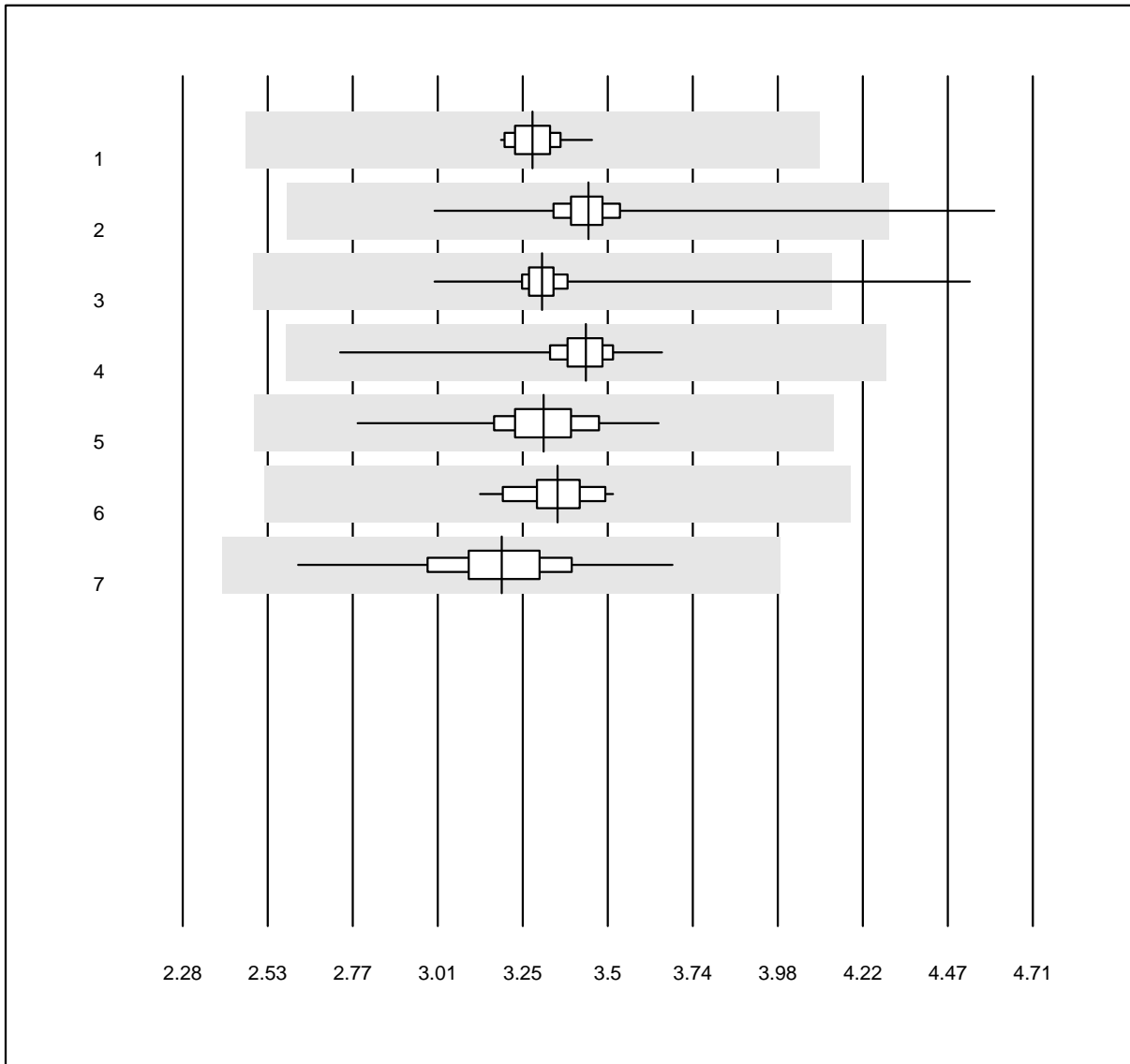
QUALAB Toleranz: 9%

Hematocrit (l/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex XN	60	100.0	0.0	0.0	0.30	2.6	e
2 Sysmex XQ-320	272	97.1	0.4	2.6	0.30	2.3	e
3 Sysmex XP-300	518	98.5	0.4	1.2	0.29	2.1	e
4 Sysmex Poch-100i	168	100.0	0.0	0.0	0.30	2.4	e
5 Mythic	187	96.8	1.6	1.6	0.29	3.6	e
6 Swelab	20	100.0	0.0	0.0	0.30	3.9	e
7 Micros 60	40	87.5	5.0	7.5	0.27	4.2	e

5 additional results were submitted but not published because the method groups were too small. (< results per group)

Erythrocytes



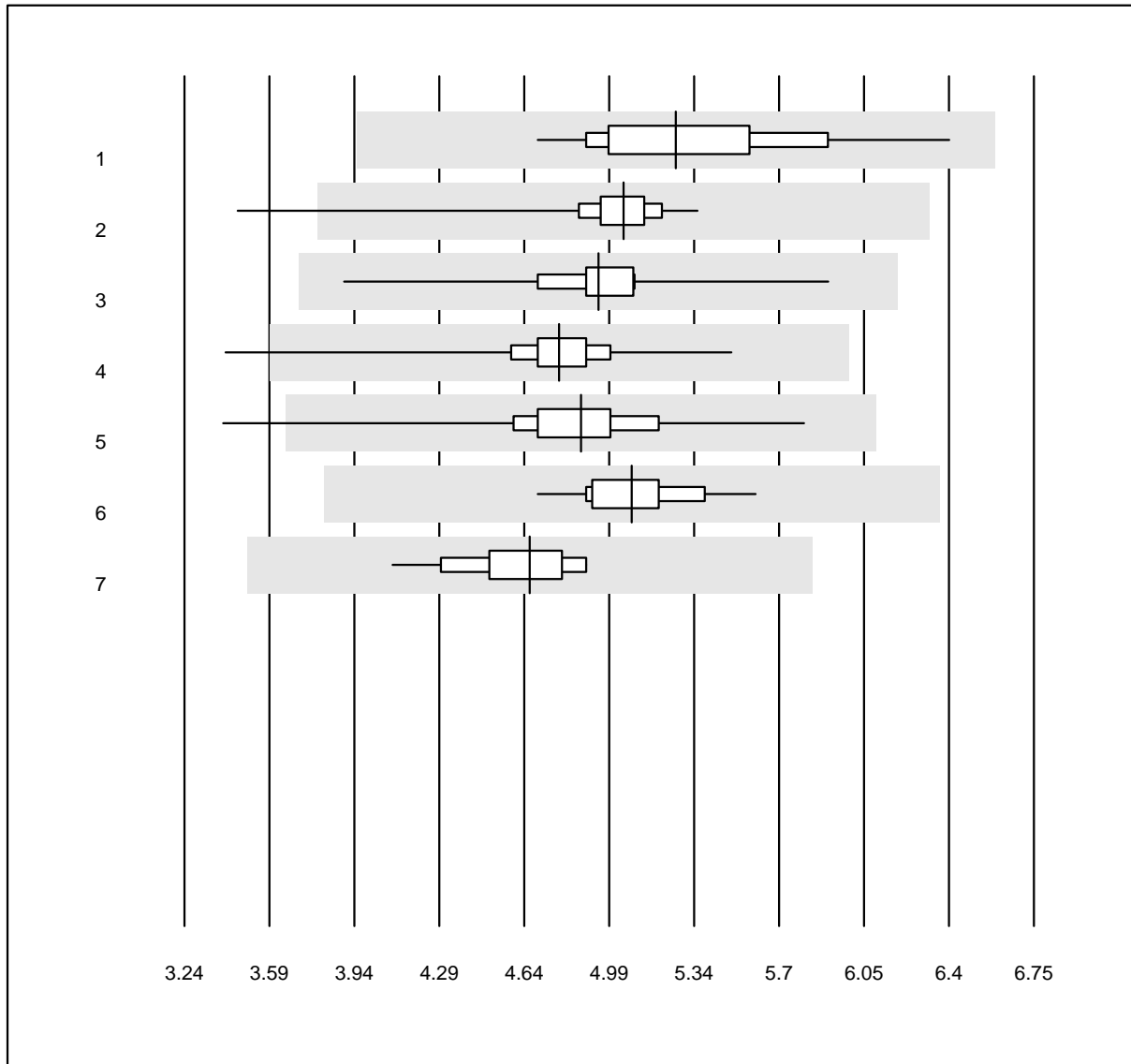
QUALAB Toleranz: 25%

Erythrocytes (T/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex XN	60	100.0	0.0	0.0	3.28	1.9	e
2 Sysmex XQ-320	273	97.8	0.7	1.5	3.44	3.7	e
3 Sysmex XP-300	518	99.2	0.2	0.6	3.31	2.6	e
4 Sysmex Poch-100i	168	99.4	0.0	0.6	3.43	2.6	e
5 Mythic	187	99.5	0.0	0.5	3.31	3.9	e
6 Swelab	20	100.0	0.0	0.0	3.35	3.0	e
7 Micros 60	40	95.0	0.0	5.0	3.19	5.5	e

4 additional results were submitted but not published because the method groups were too small. (< results per group)

Leucocytes



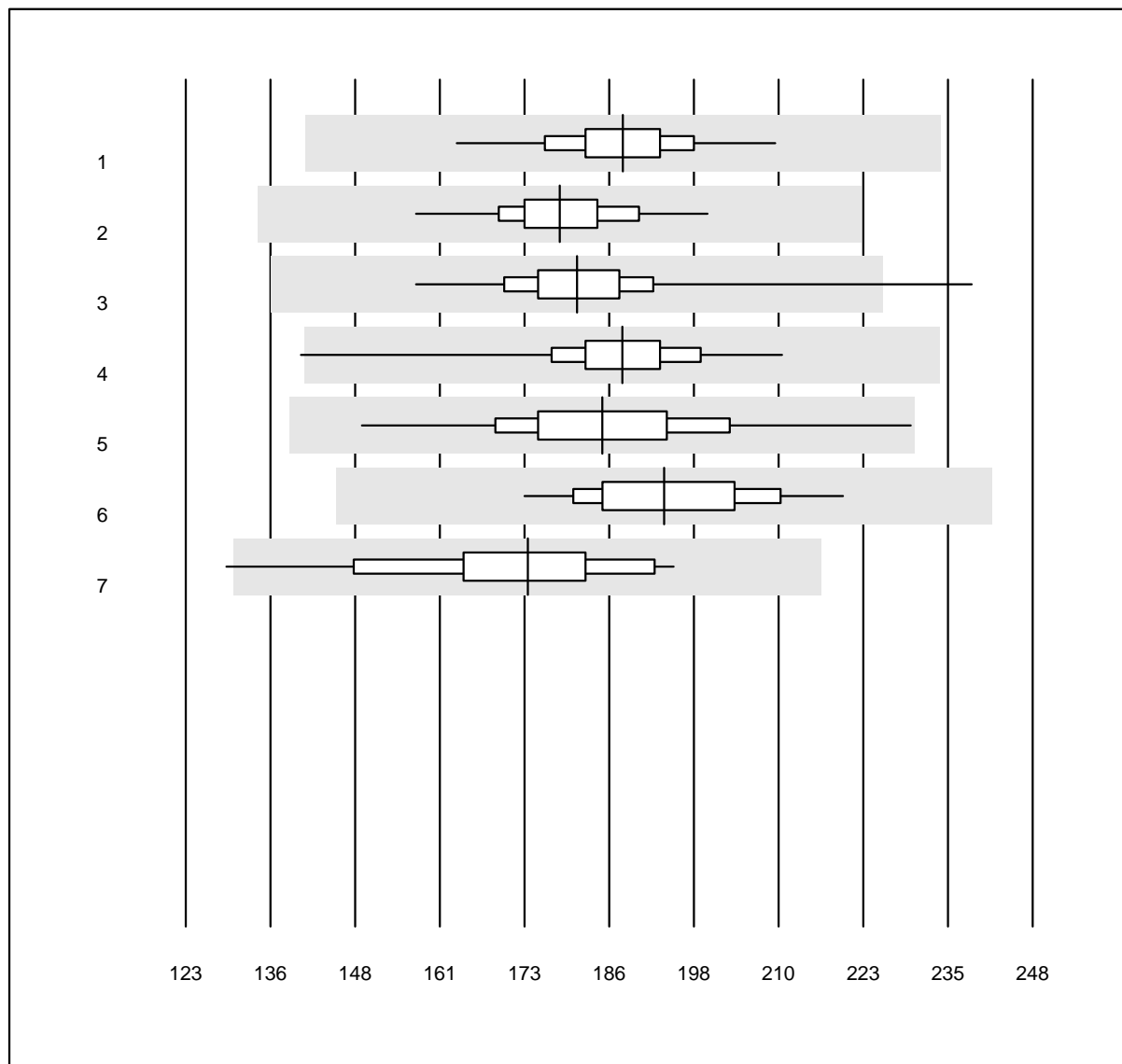
QUALAB Toleranz: 25%

Leucocytes (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex XN	60	100.0	0.0	0.0	5.27	7.4	e
2 Sysmex XQ-320	271	97.4	0.7	1.8	5.05	3.9	e
3 Sysmex XP-300	518	99.6	0.0	0.4	4.95	4.1	e
4 Sysmex Poch-100i	168	99.4	0.6	0.0	4.79	4.3	e
5 Mythic	186	99.5	0.5	0.0	4.88	5.5	e
6 Swelab	20	100.0	0.0	0.0	5.09	4.1	e
7 Micros 60	40	97.5	0.0	2.5	4.67	4.3	e

7 additional results were submitted but not published because the method groups were too small. (< results per group)

Thrombocytes



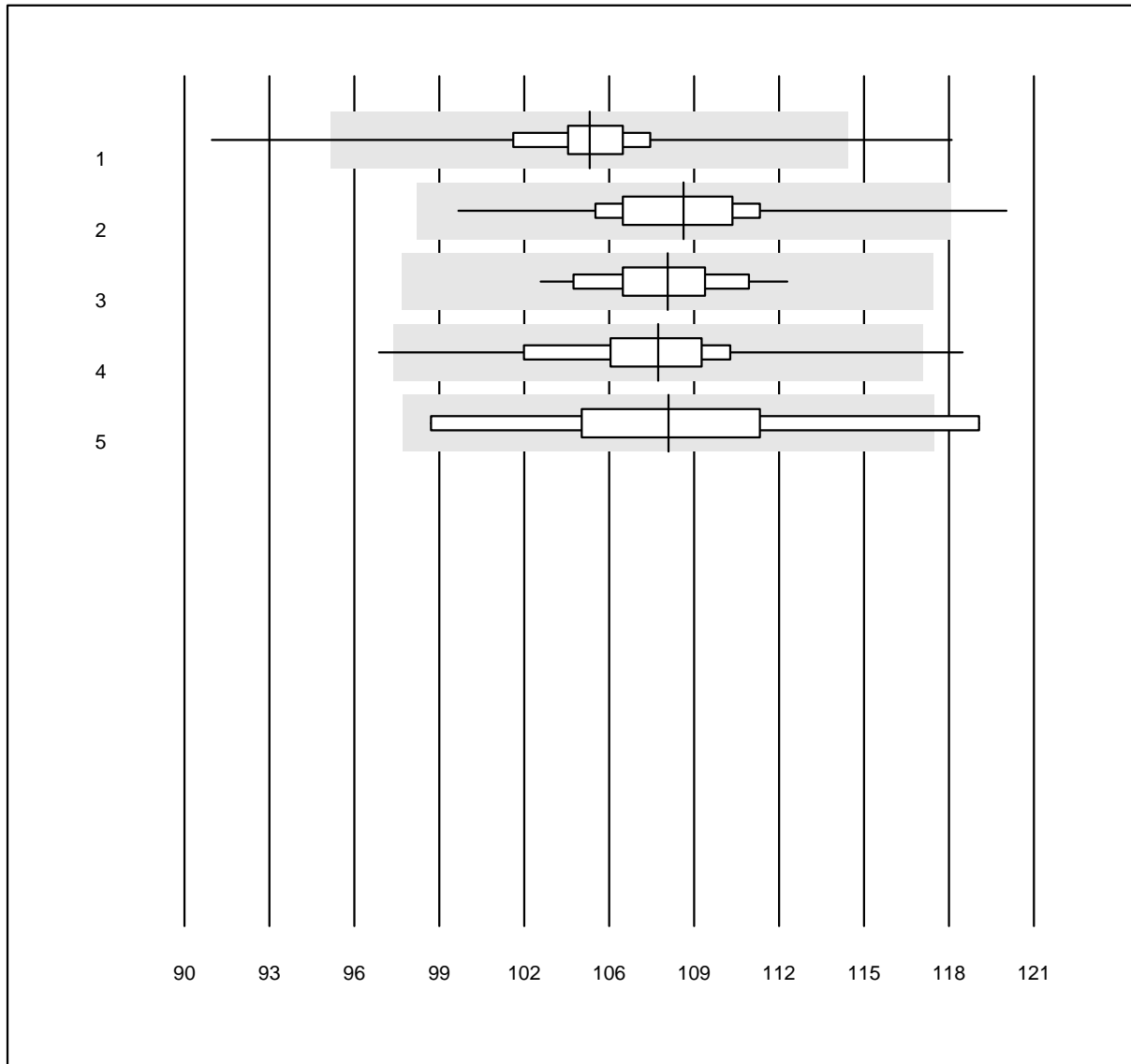
QUALAB Toleranz: 25%

Thrombocytes (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex Poch-100i	168	100.0	0.0	0.0	187.5	4.4	e
2 Sysmex XN	60	100.0	0.0	0.0	178.2	4.6	e
3 Sysmex XQ-320	273	97.8	0.4	1.8	180.8	5.4	e
4 Sysmex XP-300	517	99.2	0.4	0.4	187.4	4.8	e
5 Mythic	187	99.5	0.0	0.5	184.5	7.6	e
6 Swelab	20	100.0	0.0	0.0	193.6	6.1	e
7 Micros 60	40	90.0	2.5	7.5	173.5	9.2	e

6 additional results were submitted but not published because the method groups were too small. (< results per group)

Hemoglobin H2



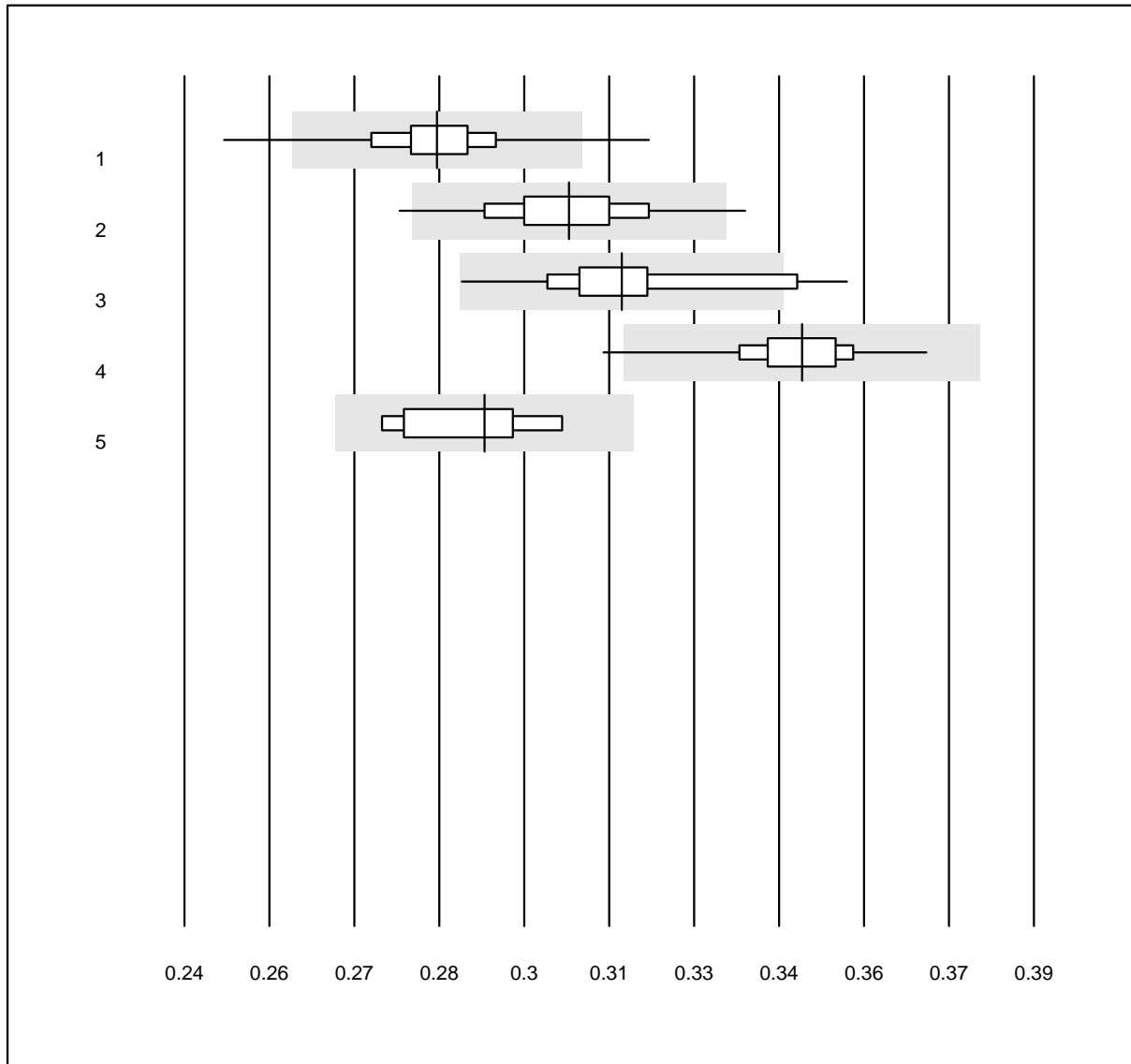
QUALAB Toleranz: 9%

Hemoglobin H2 (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Microsemi	950	96.1	1.4	2.5	104.8	2.4	e
2 Zybio Z3	358	96.6	1.1	2.2	108.2	2.6	e
3 Nihon Kohden	32	96.9	0.0	3.1	107.6	2.0	e
4 MEK-1303/5	91	94.5	2.2	3.3	107.3	2.9	e
5 Dymind DP-H10	9	88.9	11.1	0.0	107.7	5.3	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Hematocrit H2



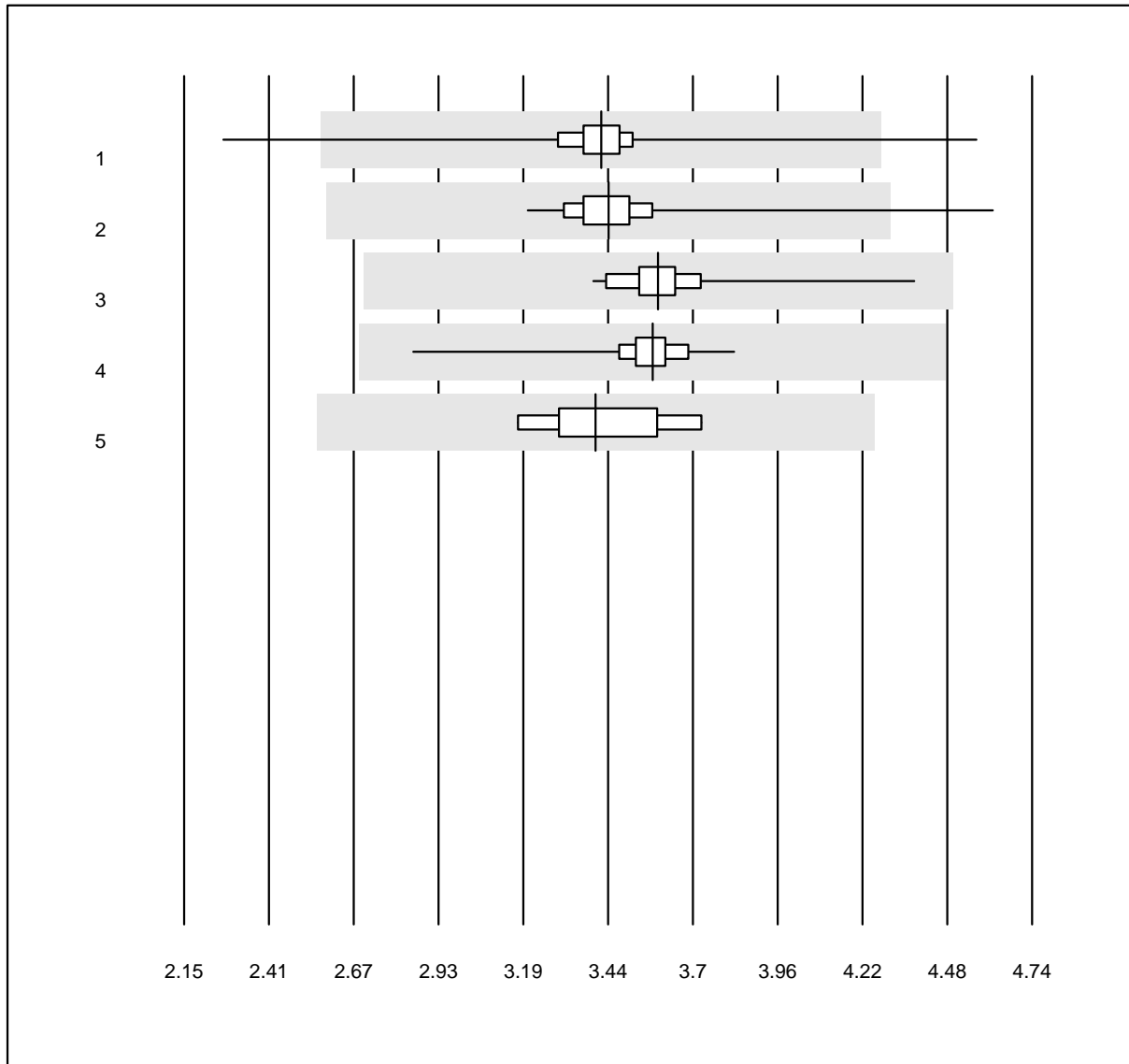
QUALAB Toleranz: 9%

Hematocrit H2 (l/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Microsemi	951	95.5	1.6	2.9	0.28	3.2	e
2 Zybio Z3	357	96.1	1.7	2.2	0.31	3.7	e
3 Nihon Kohden	32	84.4	9.4	6.2	0.32	4.7	e
4 MEK-1303/5	91	95.6	1.1	3.3	0.35	2.8	e
5 Dymind DP-H10	9	88.9	0.0	11.1	0.29	3.7	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Erythrocytes H2



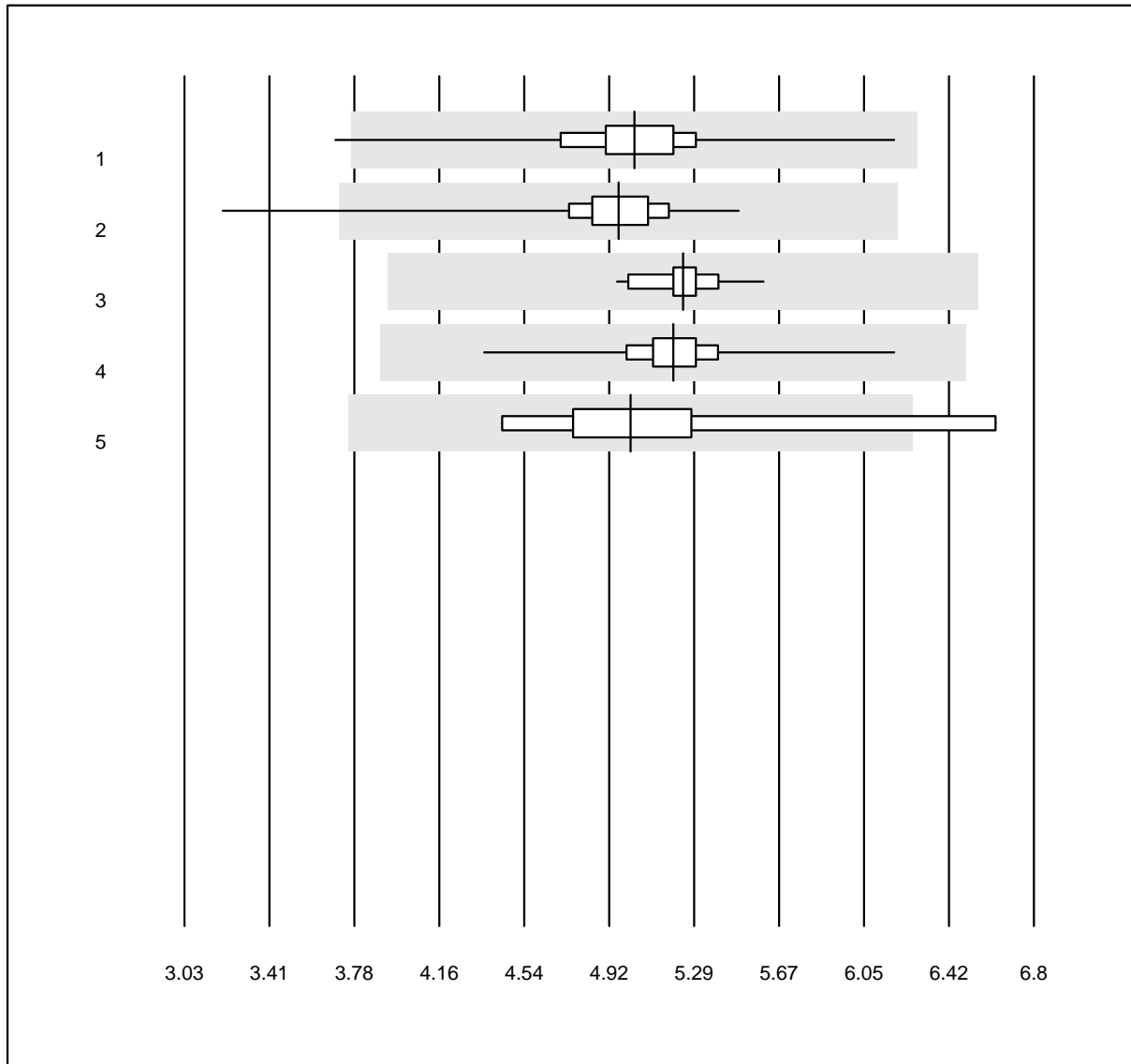
QUALAB Toleranz: 25%

Erythrocytes H2 (T/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Microsemi	950	98.5	0.5	0.9	3.42	4.3	e
2 Zybio Z3	357	97.5	0.6	2.0	3.45	4.1	e
3 Nihon Kohden	32	100.0	0.0	0.0	3.60	4.6	e
4 MEK-1303/5	91	96.7	0.0	3.3	3.58	3.1	e
5 Dymind DP-H10	9	100.0	0.0	0.0	3.41	5.2	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Leucocytes H2



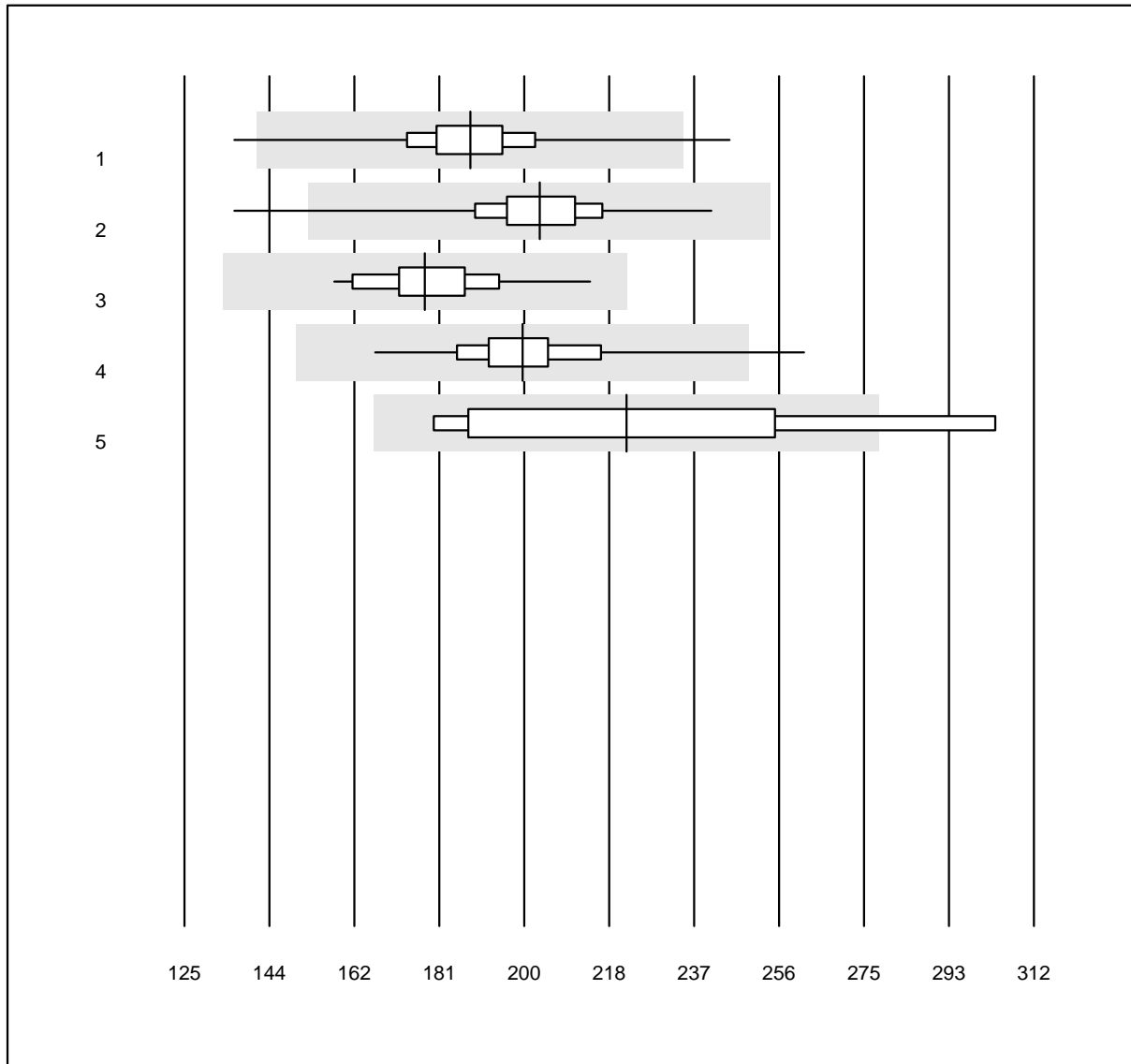
QUALAB Toleranz: 25%

Leucocytes H2 (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Microsemi	950	99.4	0.1	0.5	5.03	5.1	e
2 Zybio Z3	357	98.6	1.1	0.3	4.96	5.2	e
3 Nihon Kohden	32	100.0	0.0	0.0	5.24	2.8	e
4 MEK-1303/5	91	100.0	0.0	0.0	5.20	3.8	e
5 Dymind DP-H10	9	88.9	11.1	0.0	5.01	12.2	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Thrombocytes H2



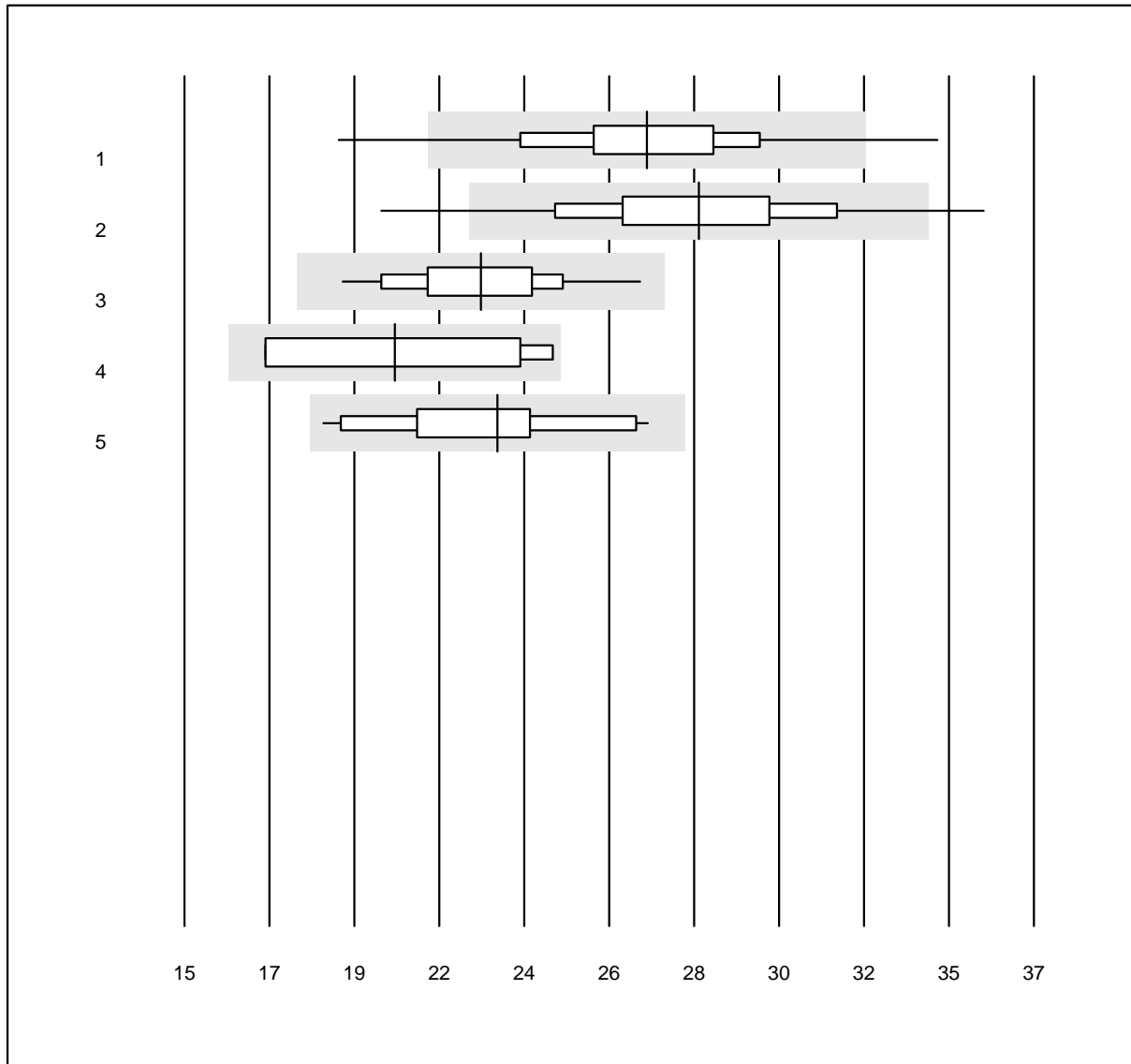
QUALAB Toleranz: 25%

Thrombocytes H2 (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Microsemi	950	98.1	0.5	1.4	187.9	6.5	e
2 Zybio Z3	357	98.3	0.8	0.8	203.2	6.6	e
3 Nihon Kohden	32	100.0	0.0	0.0	177.9	7.0	e
4 MEK-1303/5	89	98.9	1.1	0.0	199.4	6.5	e
5 Dymind DP-H10	9	77.8	11.1	11.1	222.3	18.1	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

CRP H2



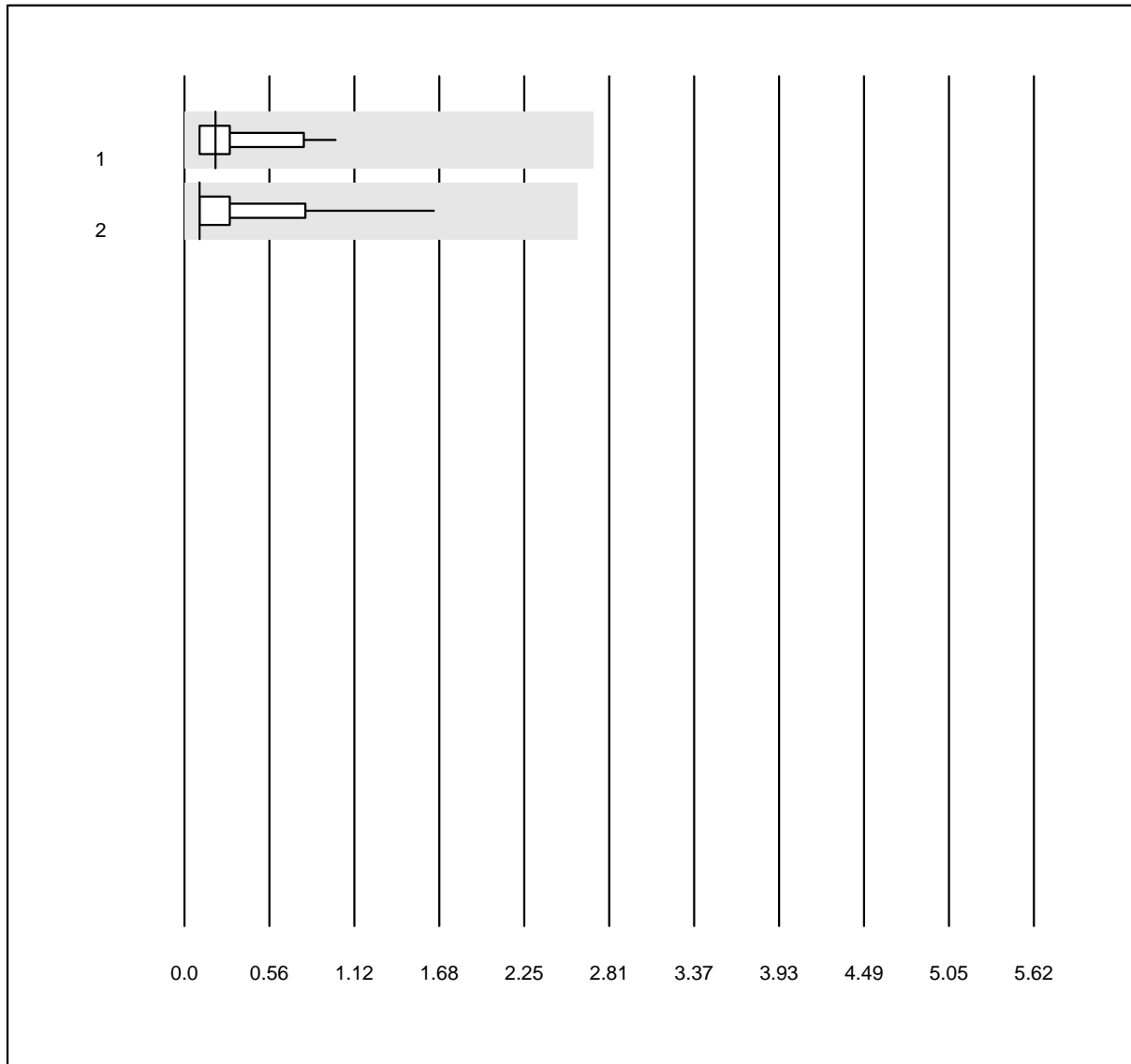
QUALAB Toleranz: 21%

CRP H2 (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Microsemi	935	93.7	3.5	2.8	27.0	9.1	e
2 Zybio Z3	335	94.9	3.3	1.8	28.3	9.7	e
3 MEK-1303/5	79	100.0	0.0	0.0	22.7	7.8	e
4 Dymind DP-H10	8	87.5	0.0	12.5	20.4	16.1	e*
5 Celltac chemi	13	92.3	0.0	7.7	23.1	10.6	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Blood parasites

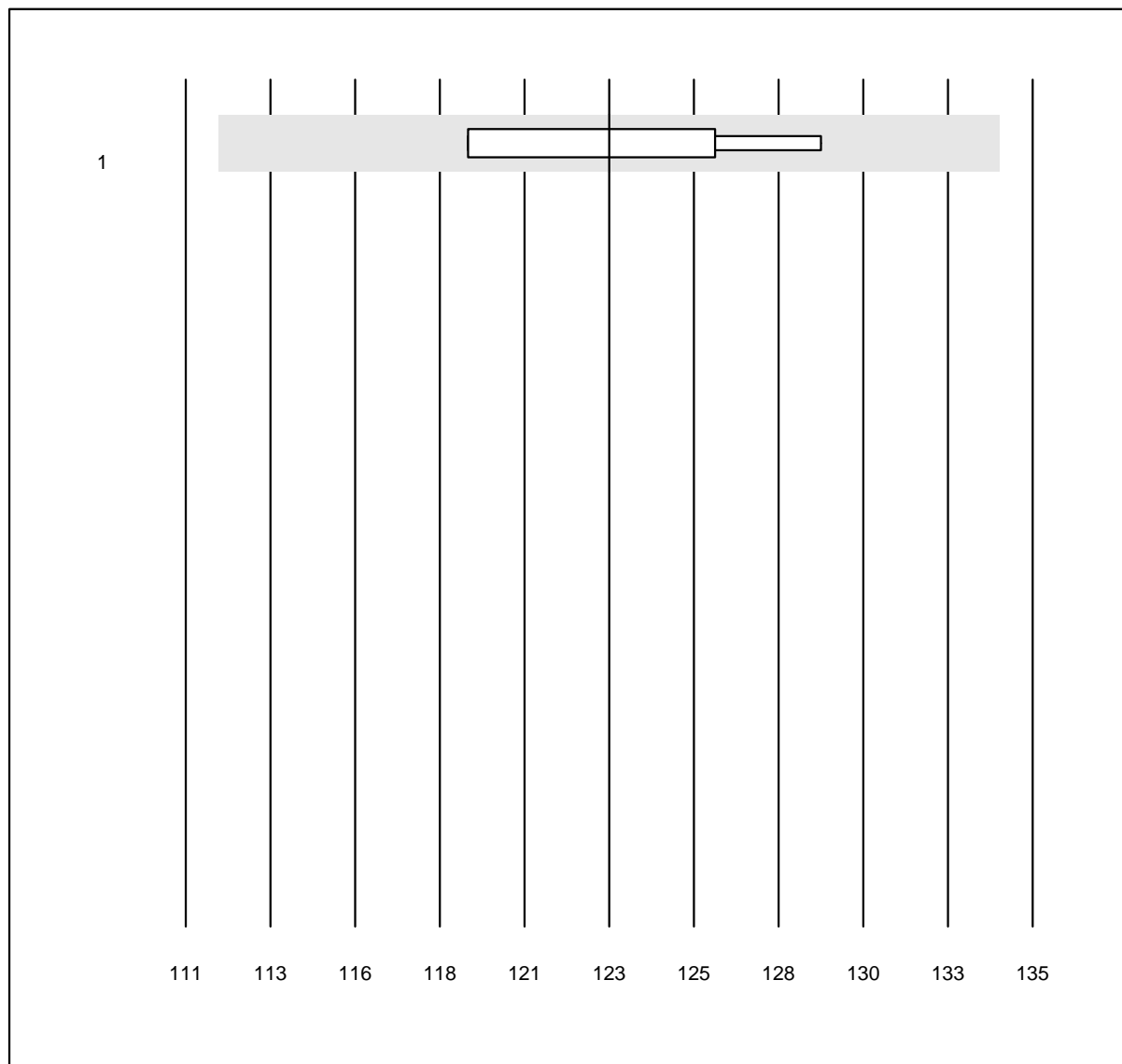


QUALAB Toleranz: 100%
(< 5.0: +/- 2.5 %)

Blood parasites (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Parasitaemia	12	100.0	0.0	0.0	0.2	95.5	e
2 Parasitaemia	24	100.0	0.0	0.0	0.1	112.6	a

Hemoglobin BG

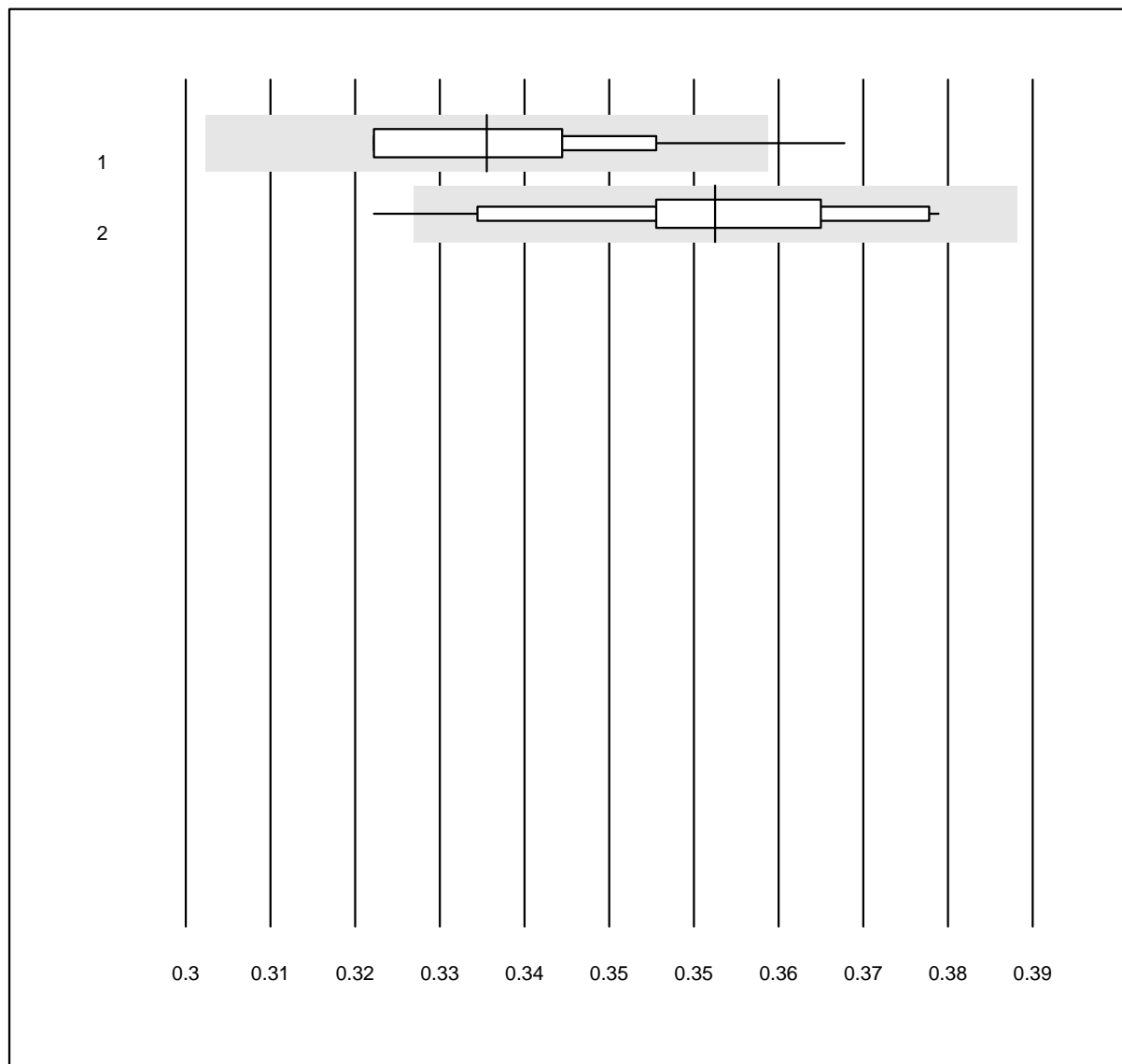


QUALAB Toleranz: 9%

Hemoglobin BG (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 iStat	14	100.0	0.0	0.0	123.0	2.9	e

Hematocrit

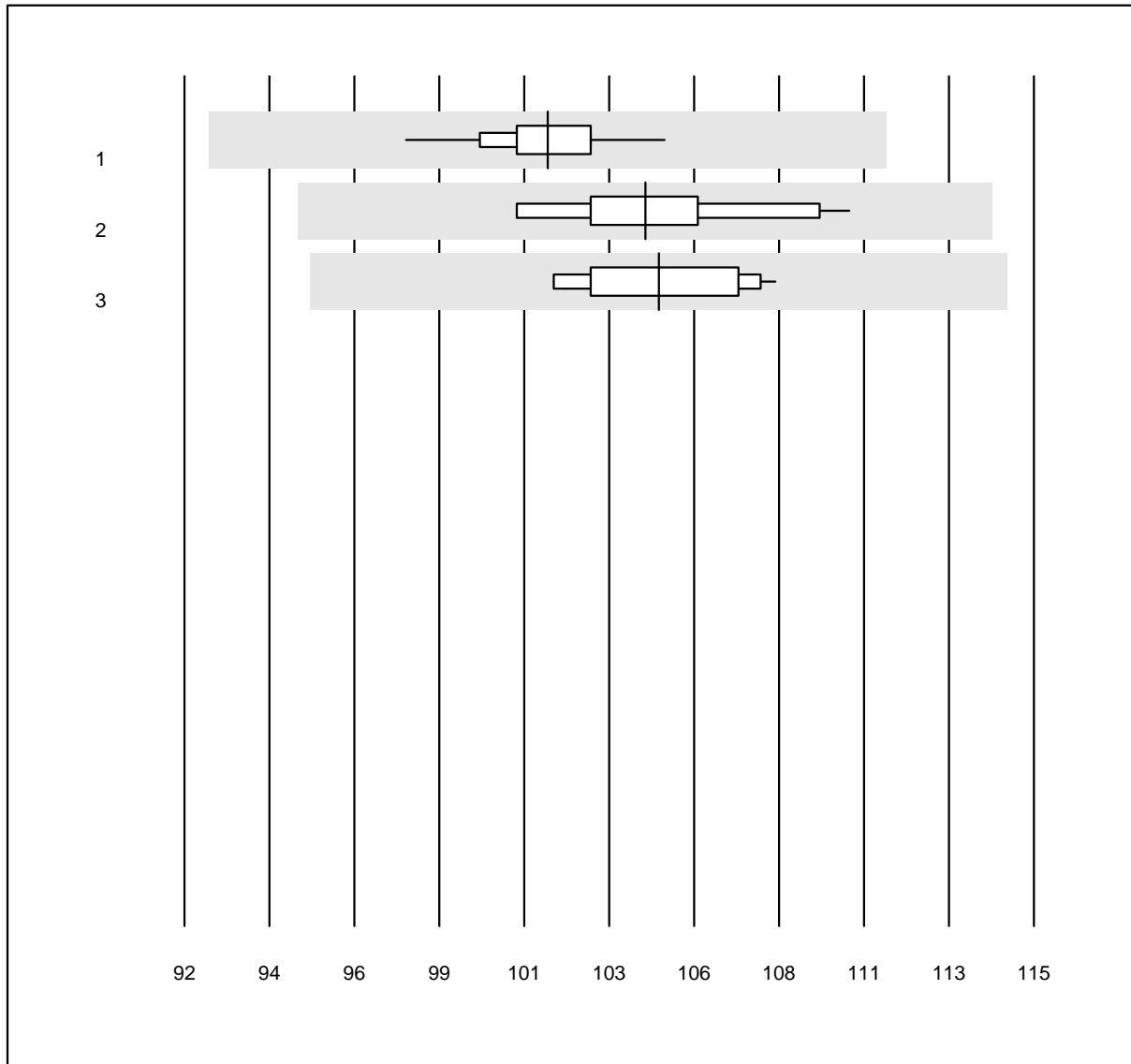


QUALAB Toleranz: 9%

Hematocrit (l/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 EPOC	23	87.0	4.3	8.7	0.33	3.8	e
2 iStat	20	95.0	5.0	0.0	0.36	4.3	e

Hemoglobin

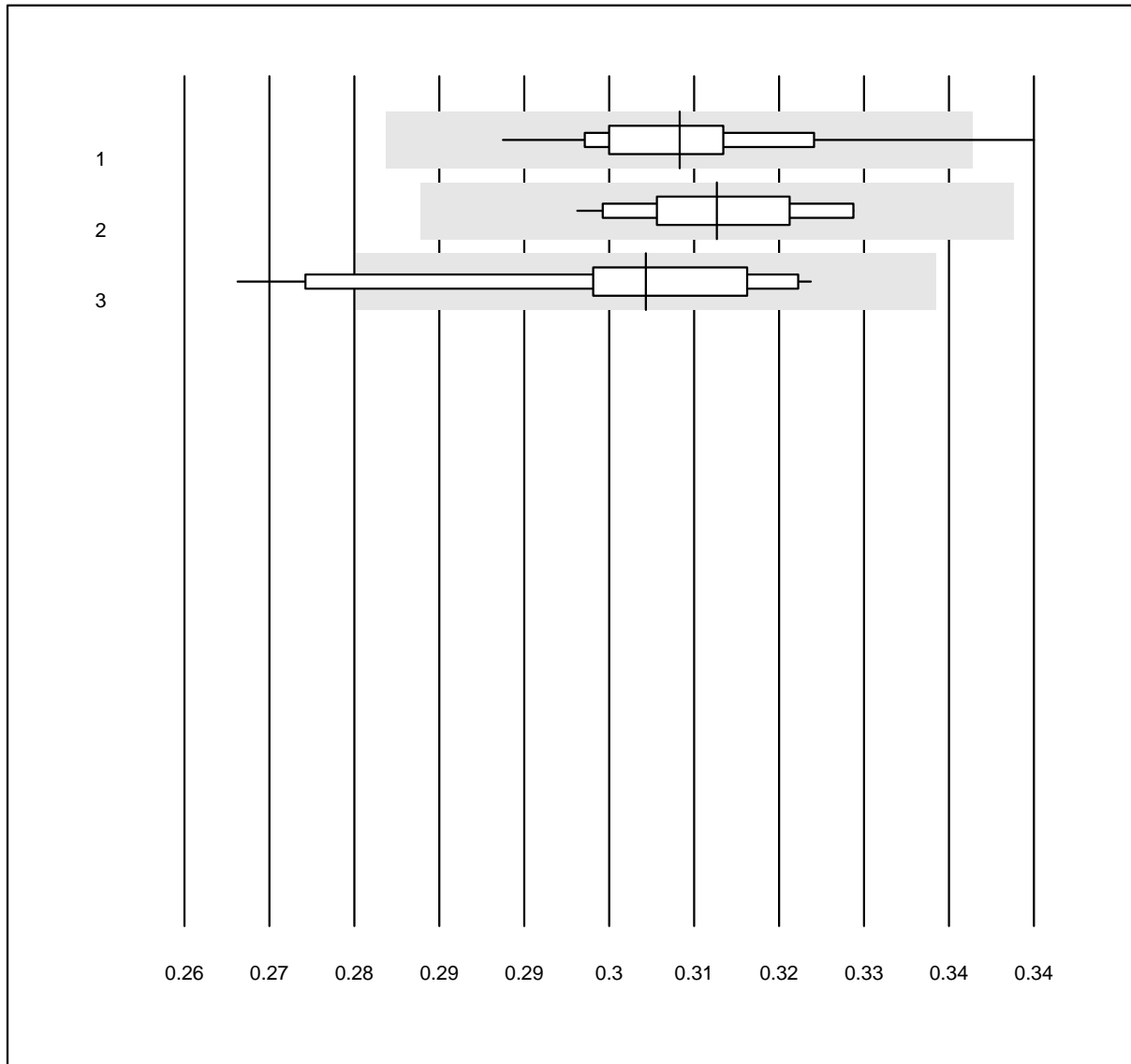


QUALAB Toleranz: 9%

Hemoglobin (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	138	100.0	0.0	0.0	101.8	1.2	e
2 Beckman	17	100.0	0.0	0.0	104.5	2.4	e
3 Yumizen/Pentra	13	100.0	0.0	0.0	104.8	1.9	e

Hematocrit

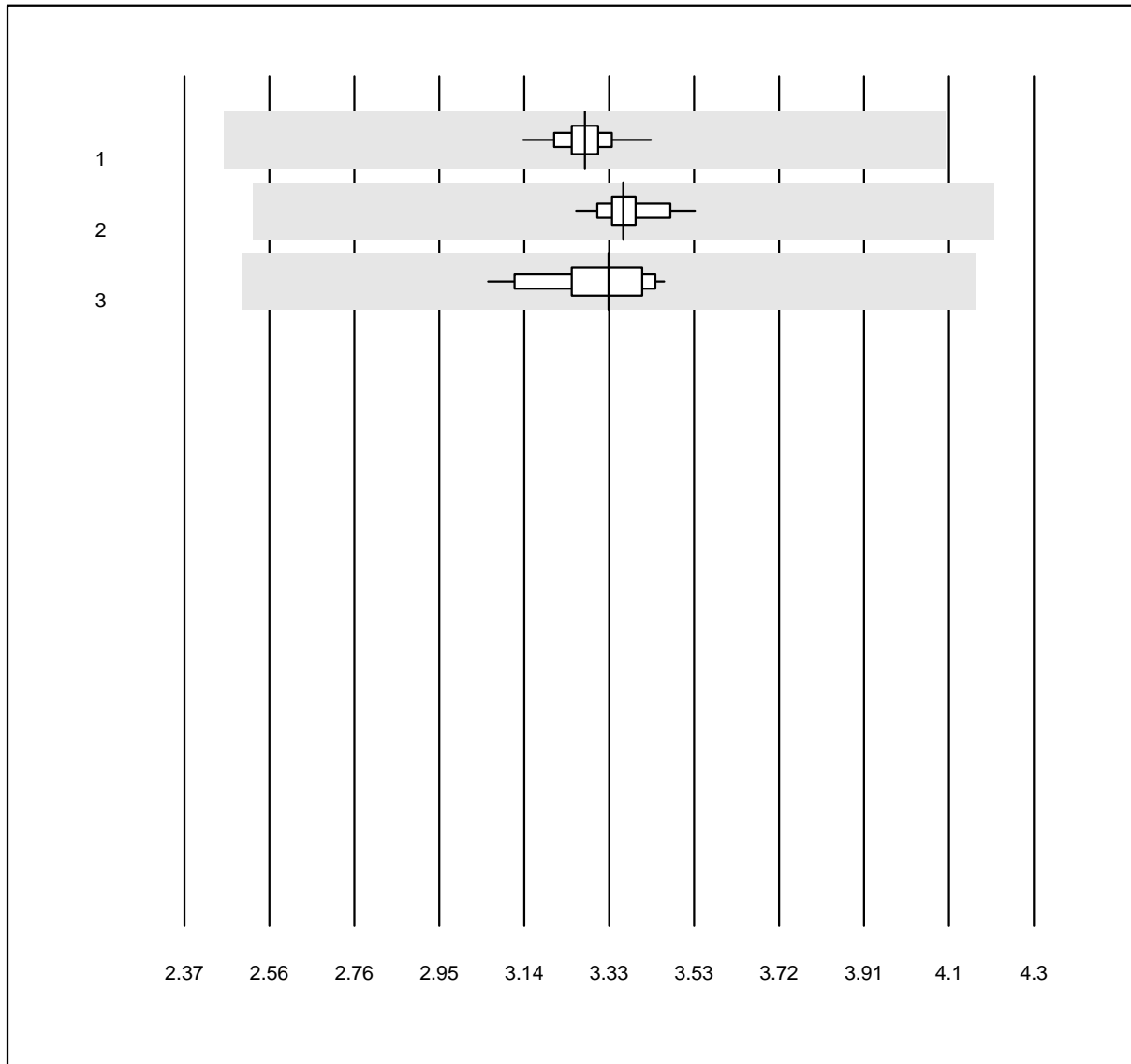


QUALAB Toleranz: 9%

Hematocrit (l/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	138	97.1	1.4	1.4	0.31	3.0	e
2 Beckman	17	100.0	0.0	0.0	0.31	2.6	e
3 Yumizen/Pentra	13	92.3	7.7	0.0	0.30	4.9	e*

Erythrocytes

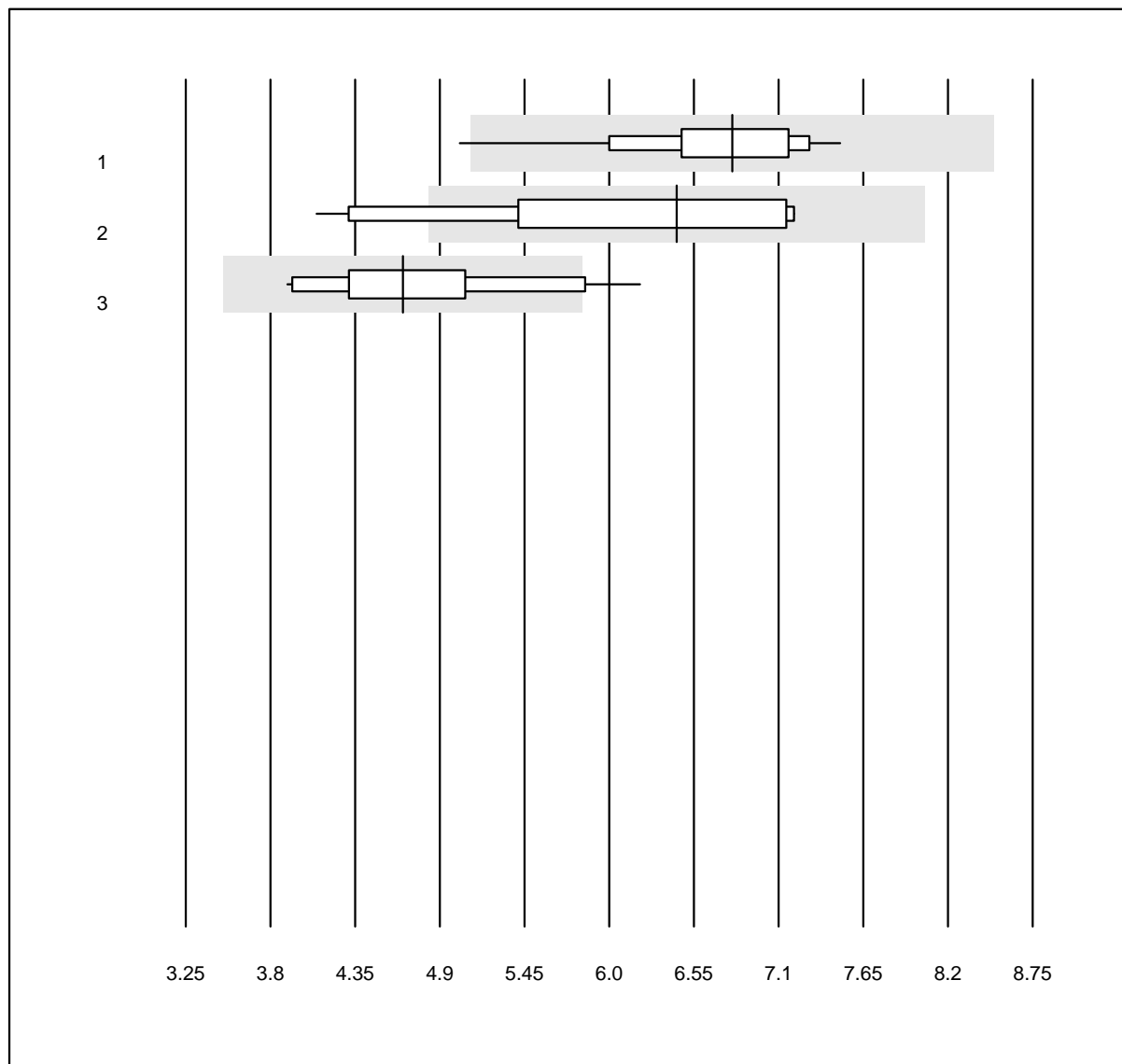


QUALAB Toleranz: 25%

Erythrocytes (T/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	138	100.0	0.0	0.0	3.28	1.6	e
2 Beckman	17	100.0	0.0	0.0	3.37	1.8	e
3 Yumizen/Pentra	14	100.0	0.0	0.0	3.33	3.3	e

Leucocytes

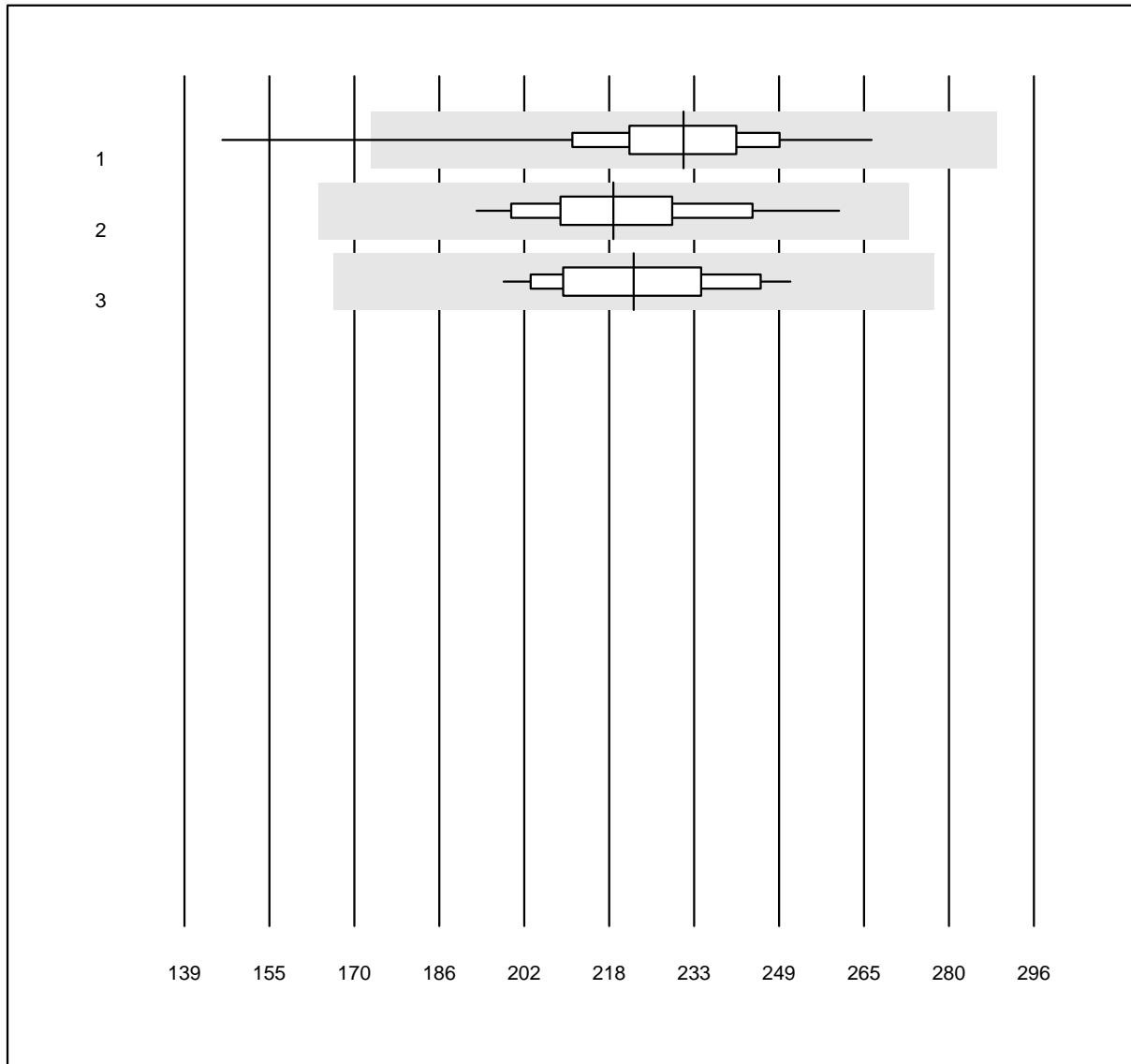


QUALAB Toleranz: 25%

Leucocytes (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	137	99.3	0.7	0.0	6.80	7.7	e
2 Beckman	17	82.4	17.6	0.0	6.44	17.4	e*
3 Yumizen/Pentra	15	80.0	6.7	13.3	4.66	13.0	e*

Thrombocytes

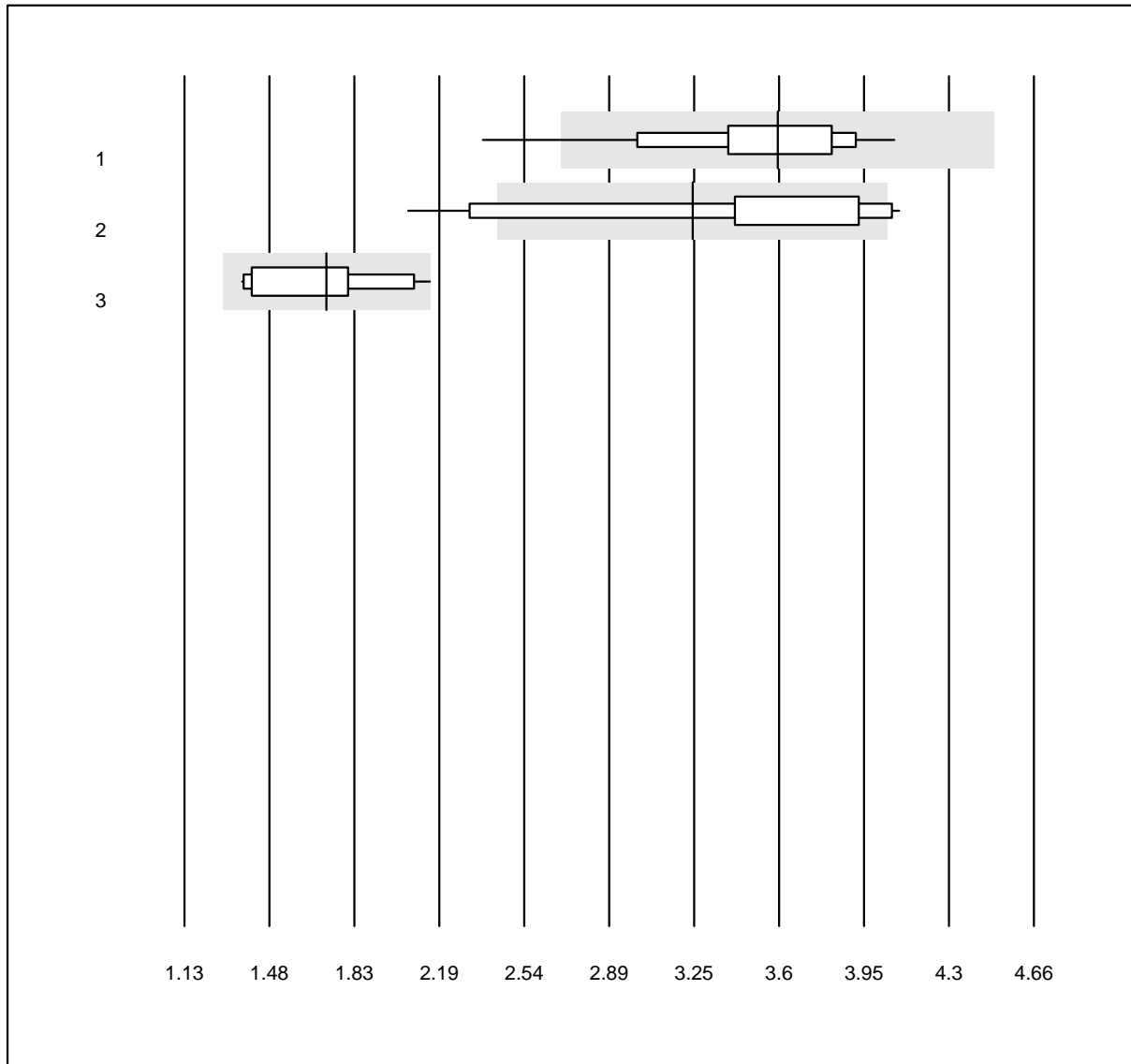


QUALAB Toleranz: 25%

Thrombocytes (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	136	99.3	0.7	0.0	231.2	7.5	e
2 Beckman	17	100.0	0.0	0.0	218.3	7.4	e
3 Yumizen/Pentra	14	100.0	0.0	0.0	222.0	6.7	e

Neutrophils

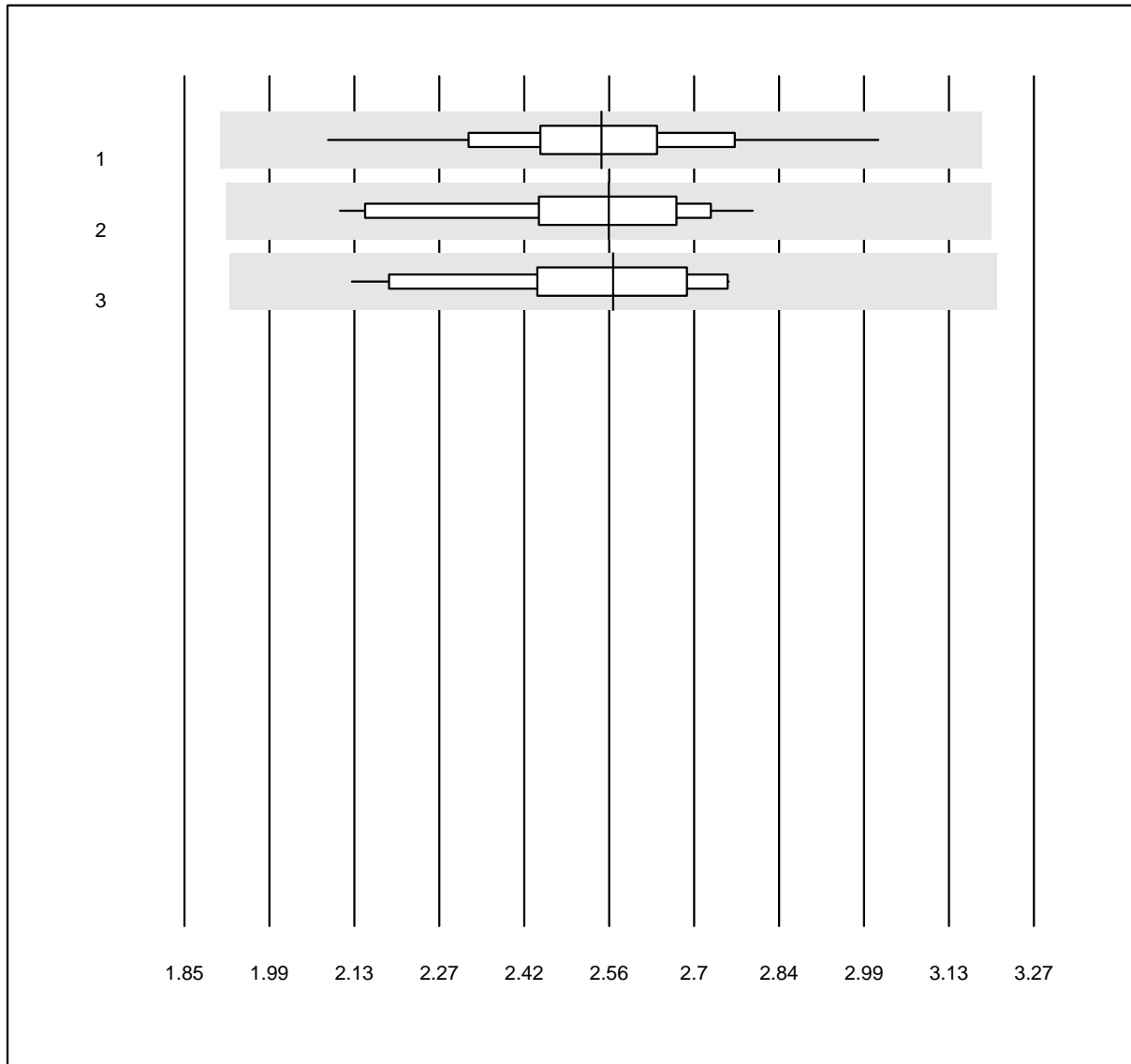


MQ Toleranz: 25%

Neutrophils (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	135	94.8	5.2	0.0	3.60	10.5	e
2 Beckman	17	70.6	11.8	17.6	3.24	17.3	e*
3 Yumizen/Pentra	13	84.6	0.0	15.4	1.72	14.5	a*

Lymphocytes

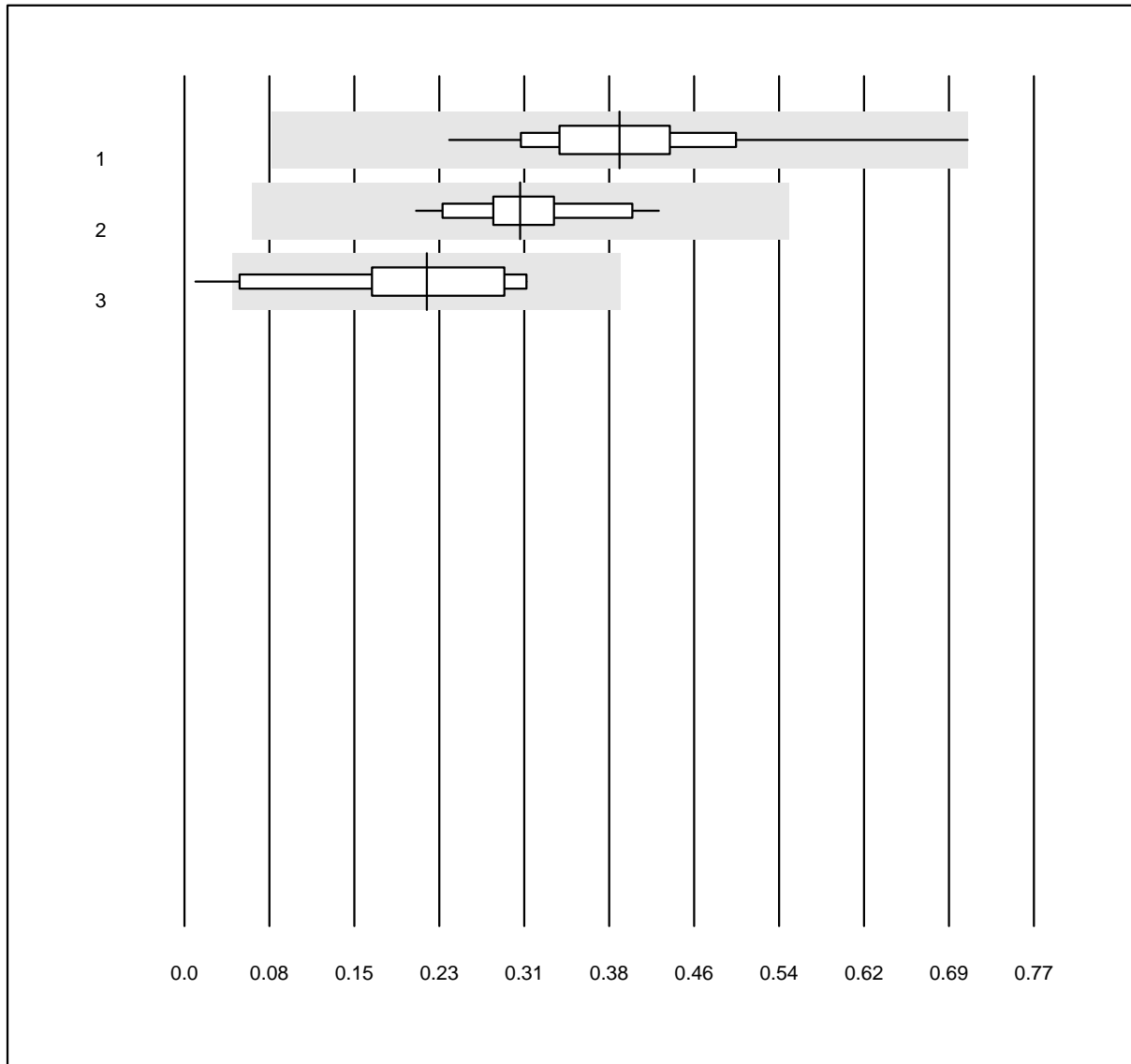


MQ Toleranz: 25%

Lymphocytes (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	135	99.3	0.0	0.7	2.55	6.6	e
2 Beckman	17	94.1	0.0	5.9	2.56	8.0	e
3 Yumizen/Pentra	13	84.6	0.0	15.4	2.57	7.2	e

Monocytes

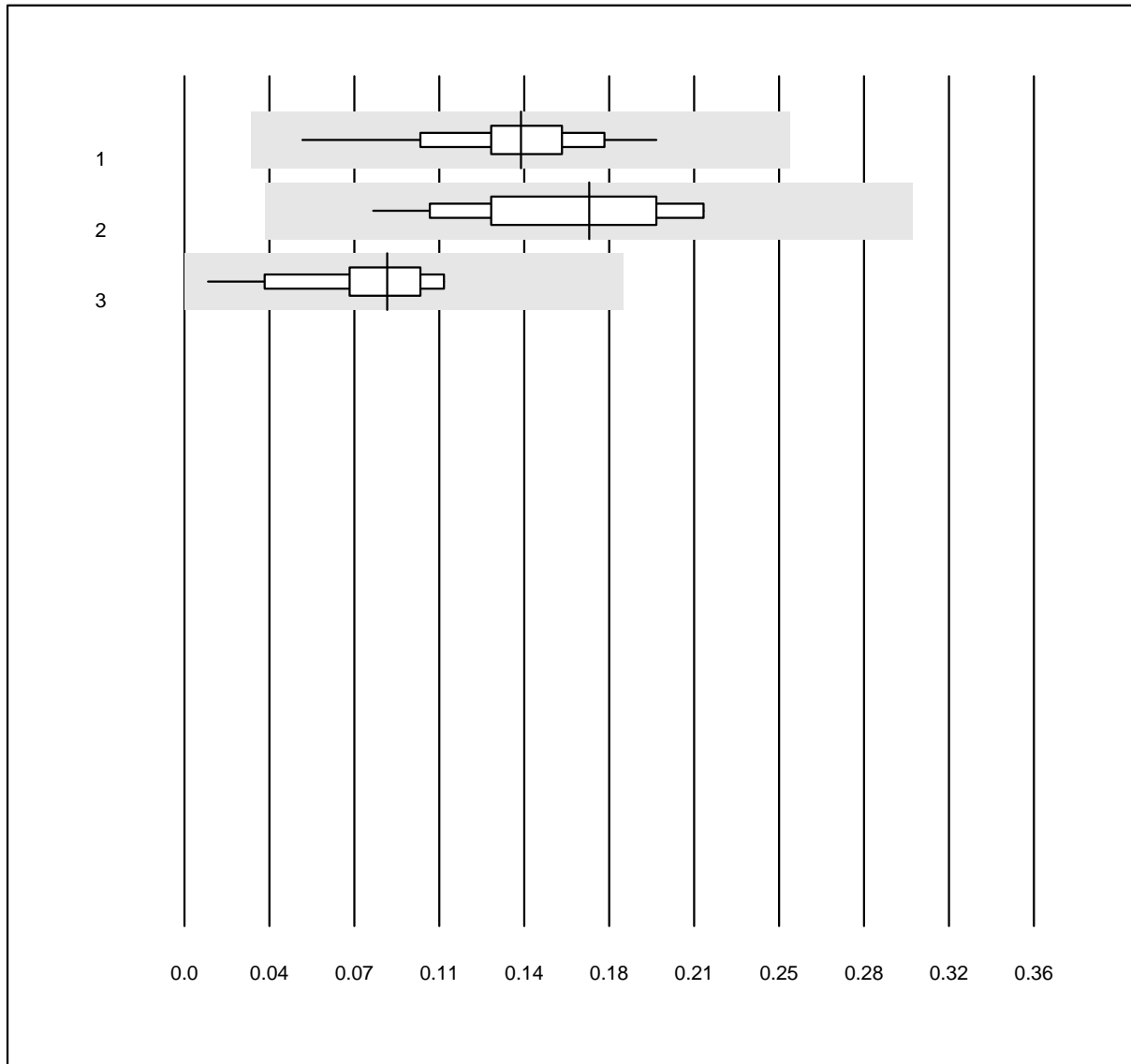


MQ Toleranz: 80%

Monocytes (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	134	99.3	0.7	0.0	0.39	20.5	e
2 Beckman	17	100.0	0.0	0.0	0.30	18.6	e
3 Yumizen/Pentra	13	92.3	7.7	0.0	0.22	40.8	e*

Eosinophils

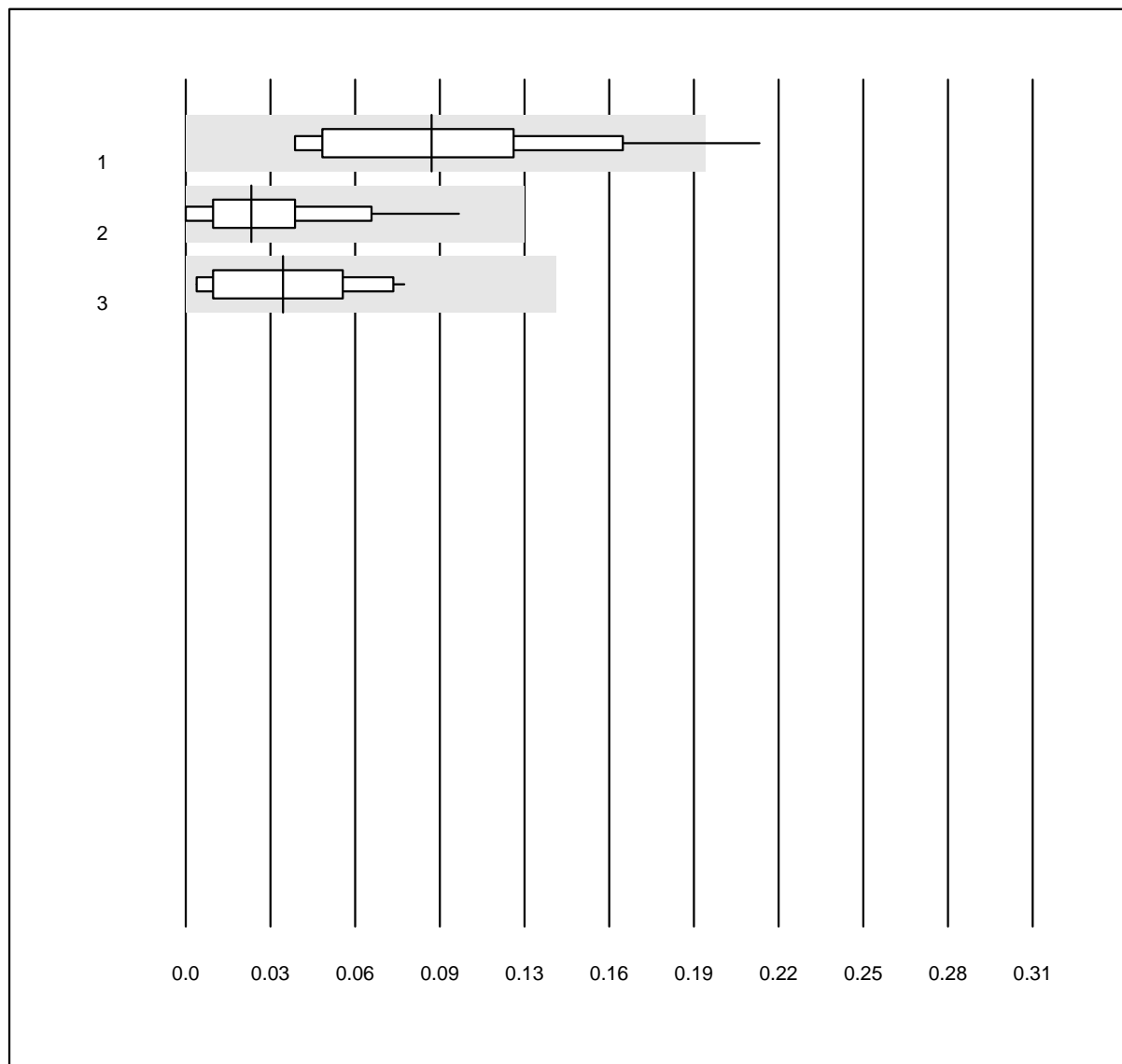


MQ Toleranz: 80%

Eosinophils (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	132	99.2	0.0	0.8	0.14	19.7	e
2 Beckman	17	100.0	0.0	0.0	0.17	26.5	e
3 Yumizen/Pentra	13	100.0	0.0	0.0	0.09	31.8	e

Basophiles

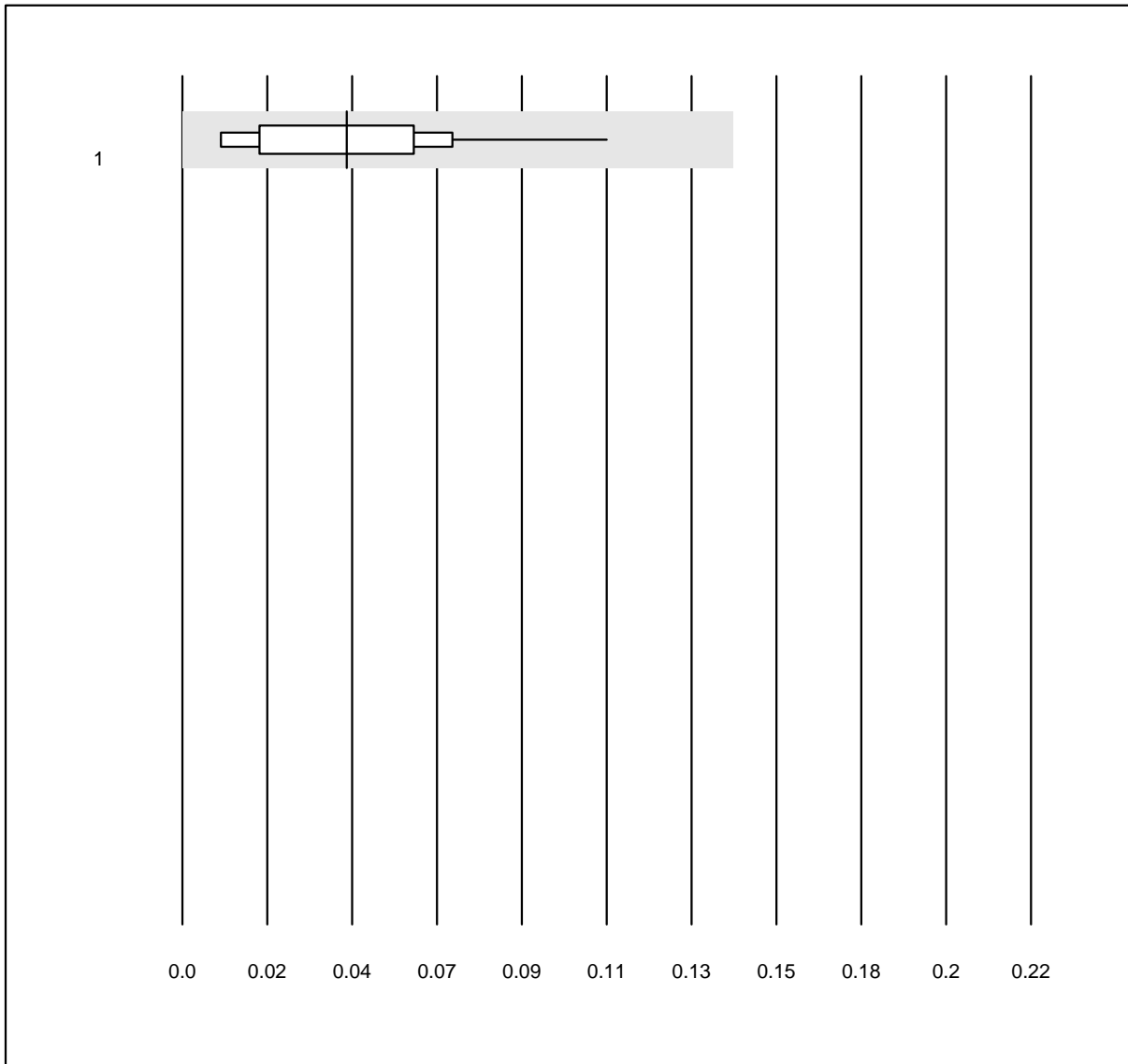


MQ Toleranz: 80%
(< 0.13: +/- 0.1 G/l)

Basophiles (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	132	94.7	3.8	1.5	0.09	55.5	a
2 Beckman	17	100.0	0.0	0.0	0.02	96.1	e
3 Yumizen/Pentra	13	100.0	0.0	0.0	0.04	70.3	e

Immature Granulocytes

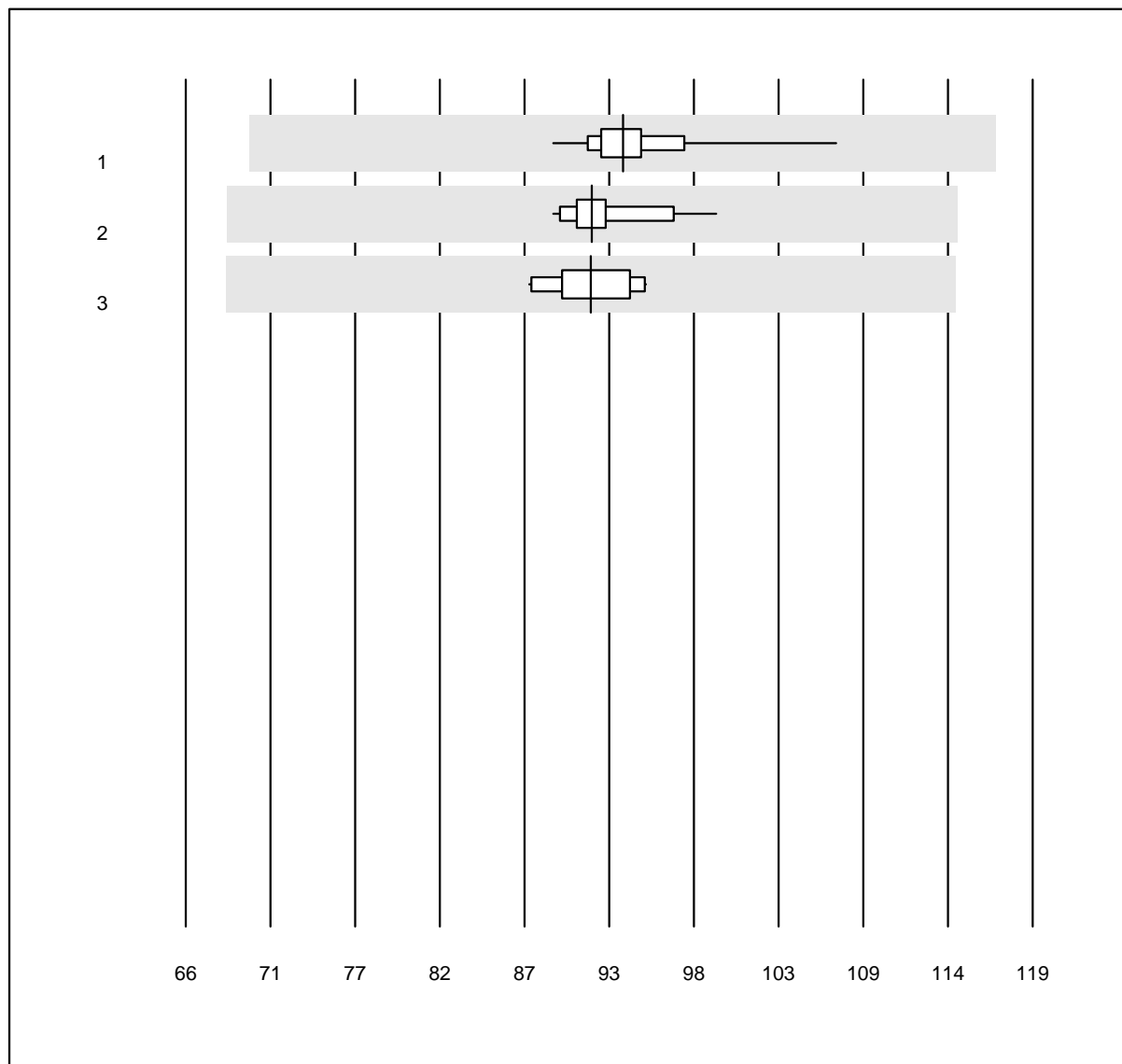


MQ Toleranz: 25%
(< 1.3: +/- 0.1 G/l)

Immature Granulocytes
(G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	121	95.9	0.0	4.1	0.04	55.5	e

MCV

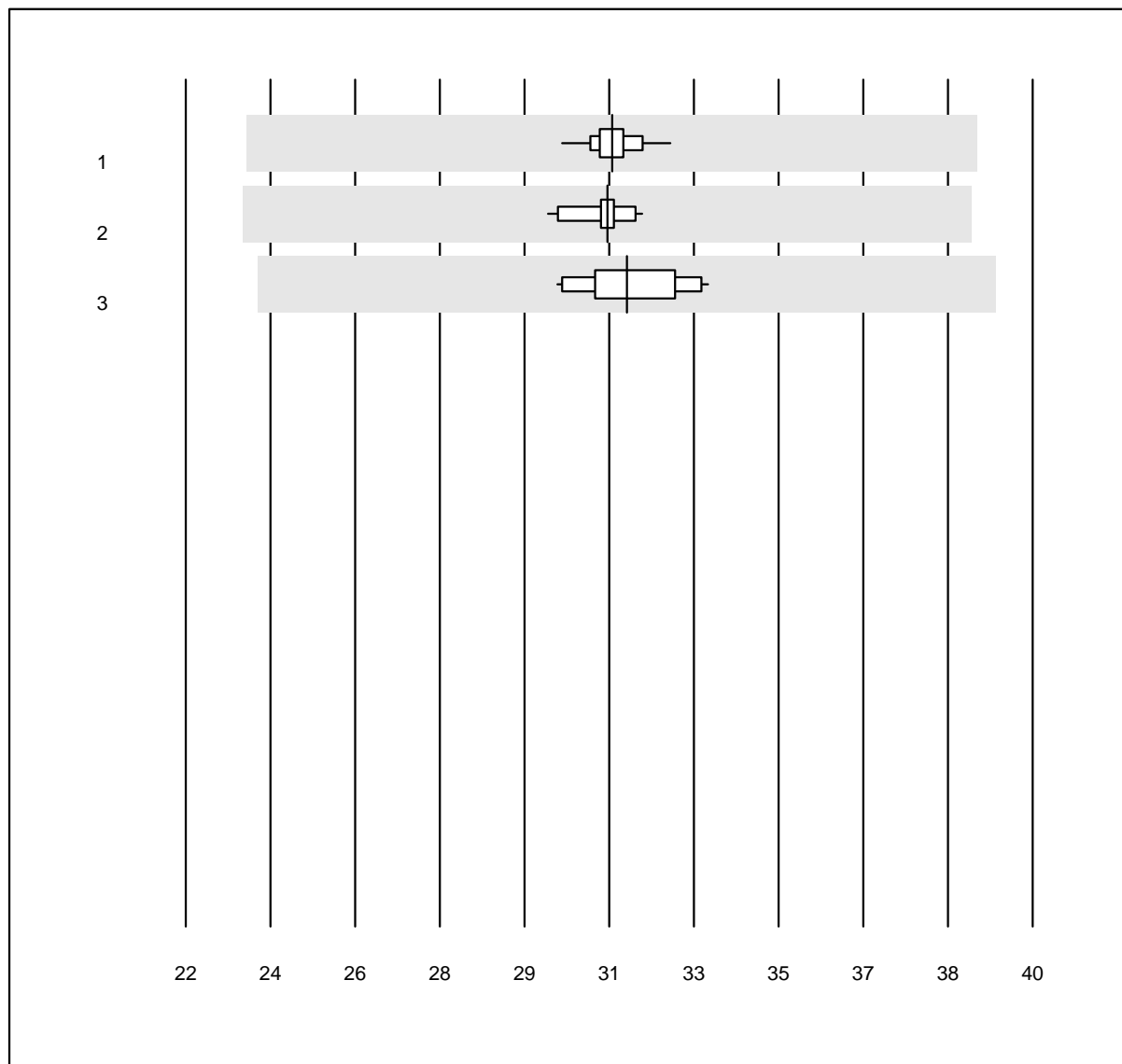


MQ Toleranz: 25%

MCV (fl)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	128	99.2	0.0	0.8	93.4	3.0	e
2 Beckman	16	100.0	0.0	0.0	91.4	2.7	e
3 Yumizen/Pentra	10	100.0	0.0	0.0	91.3	2.6	e

MCH

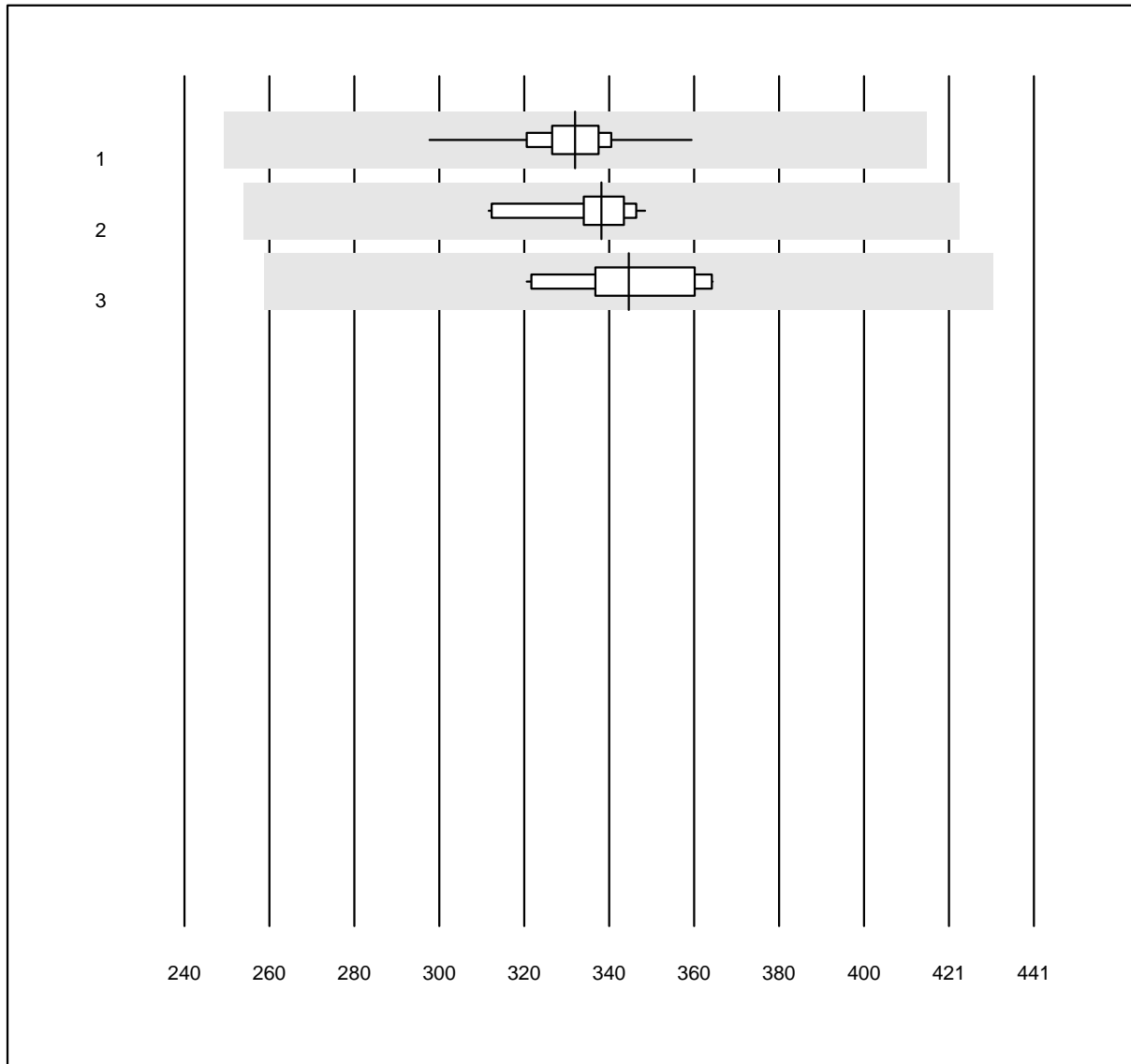


MQ Toleranz: 25%

MCH (pg)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	128	100.0	0.0	0.0	31.1	1.5	e
2 Beckman	16	100.0	0.0	0.0	31.0	1.7	e
3 Yumizen/Pentra	11	100.0	0.0	0.0	31.4	3.2	e

MCHC

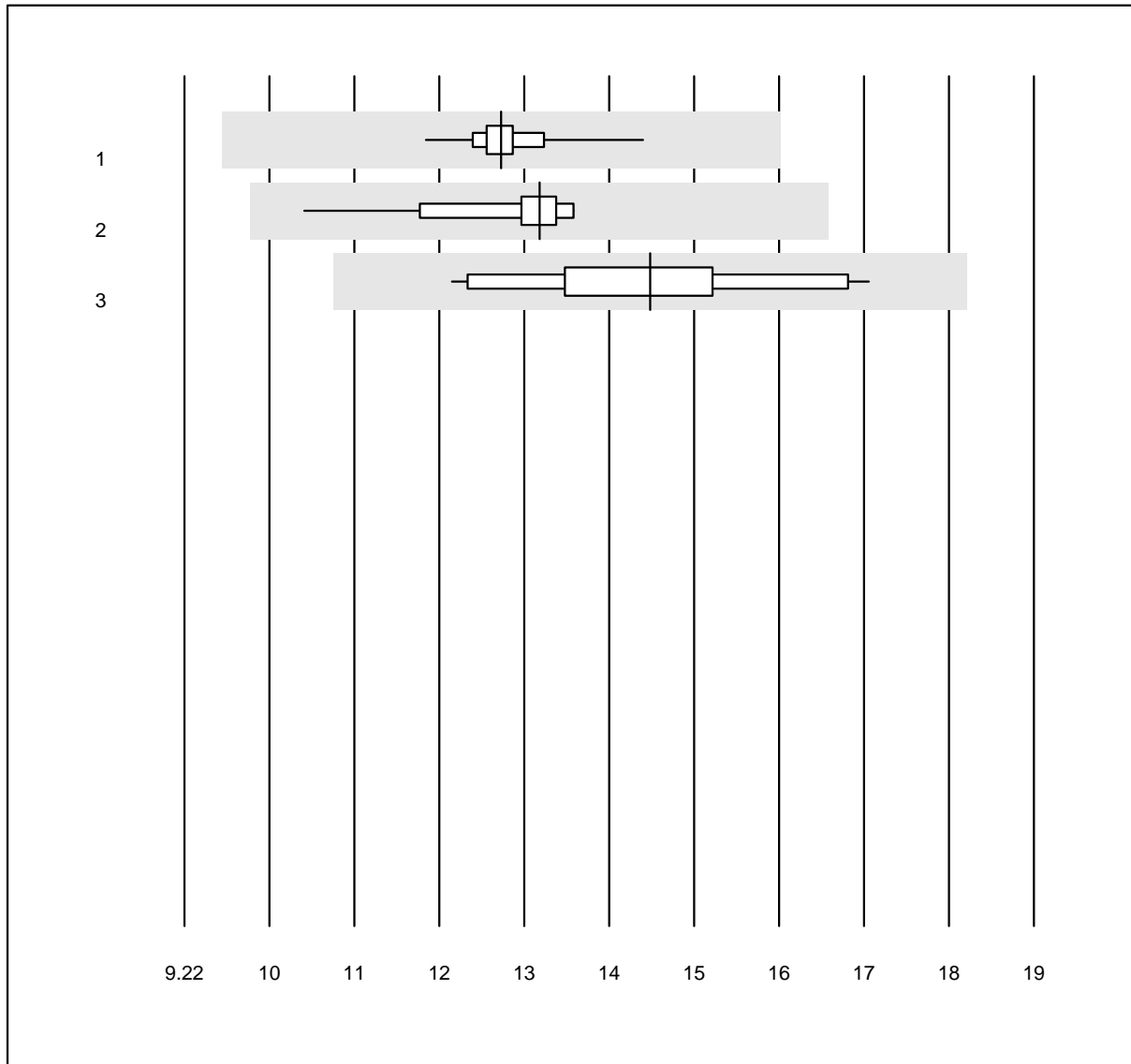


MQ Toleranz: 25%

MCHC (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	131	100.0	0.0	0.0	332	3.1	e
2 Beckman	16	100.0	0.0	0.0	339	3.1	e
3 Yumizen/Pentra	10	100.0	0.0	0.0	345	4.1	e

RDW

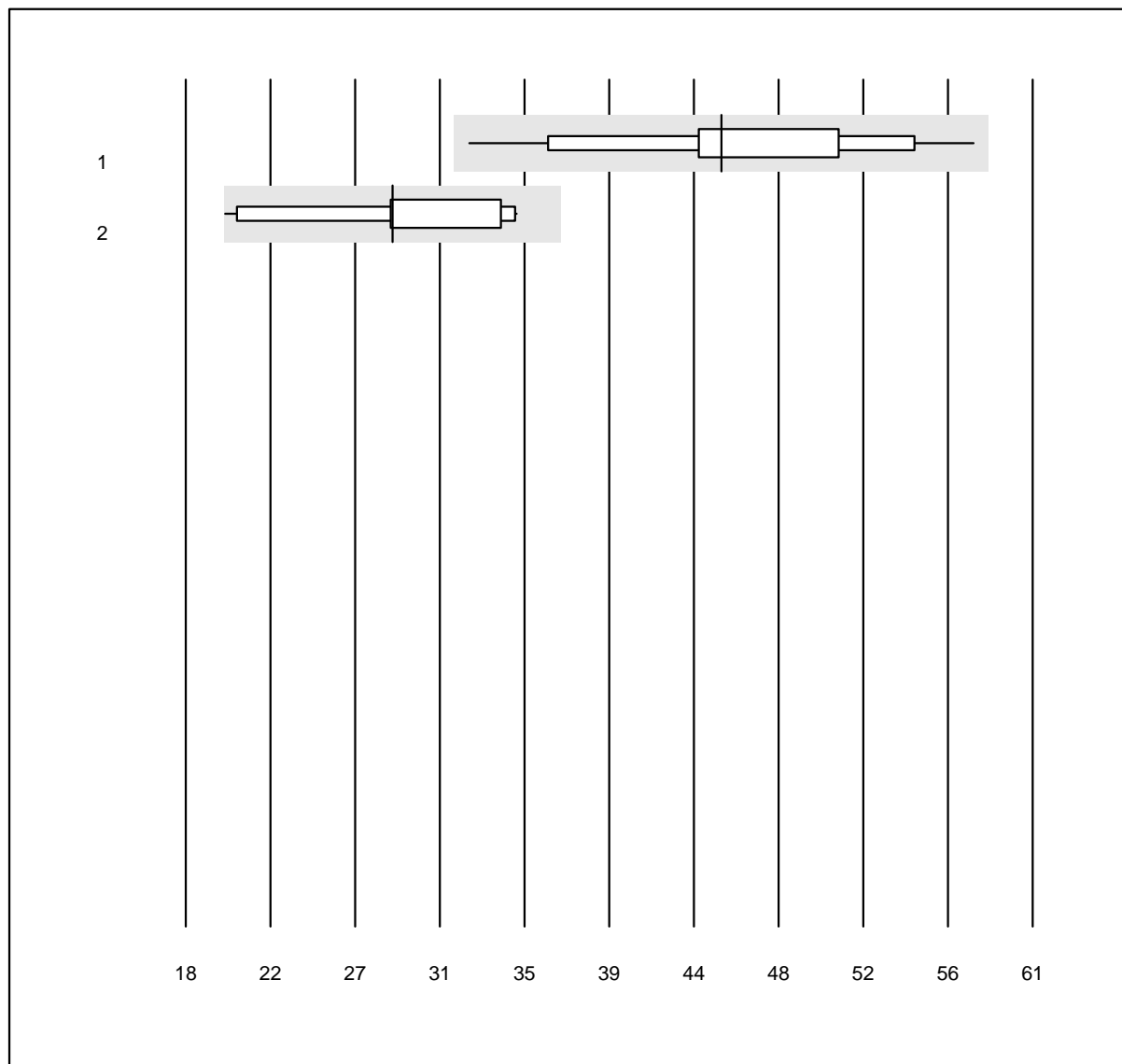


MQ Toleranz: 25%

RDW (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	123	100.0	0.0	0.0	12.9	3.1	e
2 Beckman	16	100.0	0.0	0.0	13.3	5.7	e
3 Yumizen/Pentra	12	91.7	0.0	8.3	14.6	9.5	e

Reticulocytes

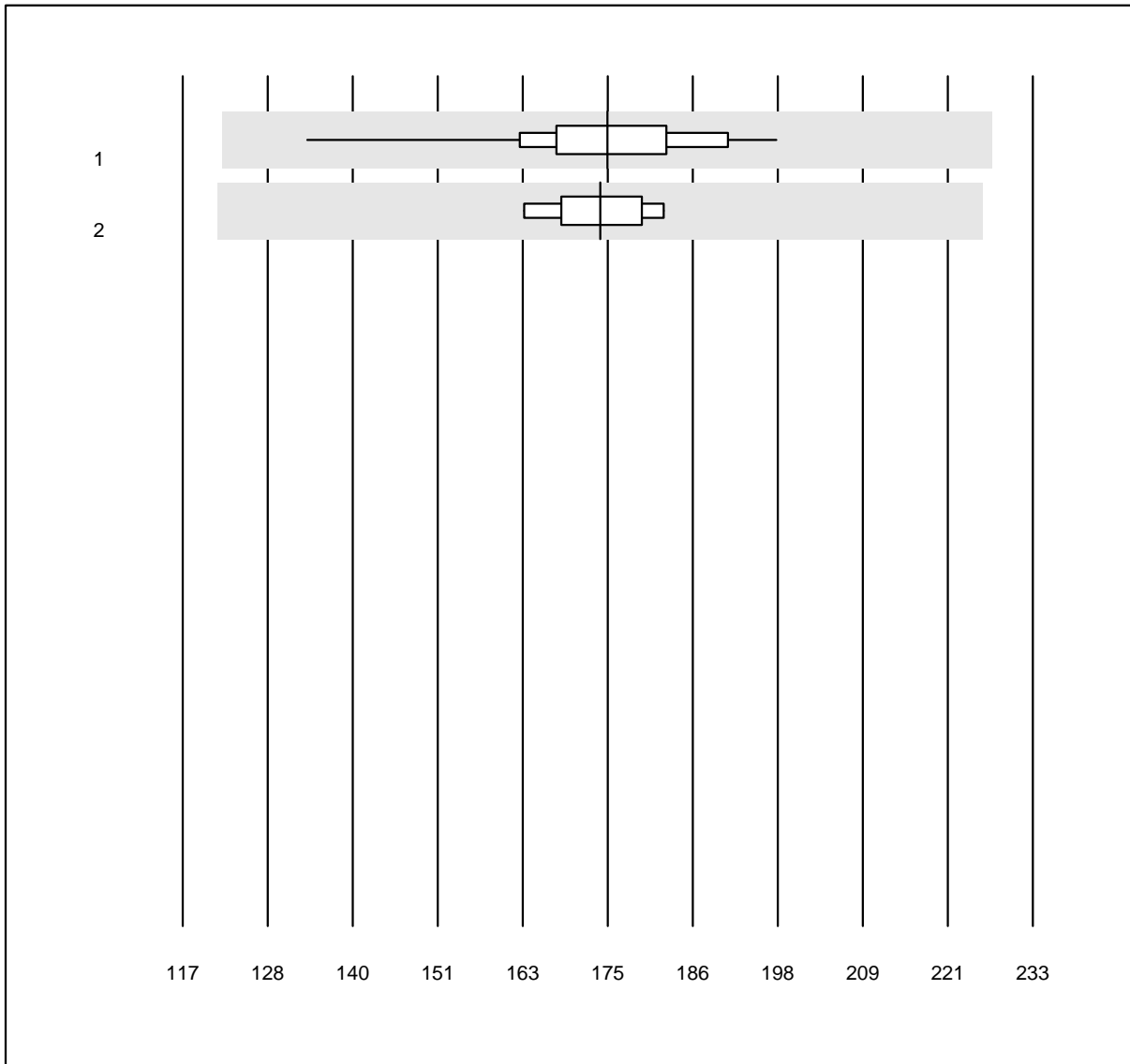


QUALAB Toleranz: 30%

Reticulocytes (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	73	100.0	0.0	0.0	45.2	13.3	a
2 Beckman	10	100.0	0.0	0.0	28.5	14.6	a*

Hemolysis index A



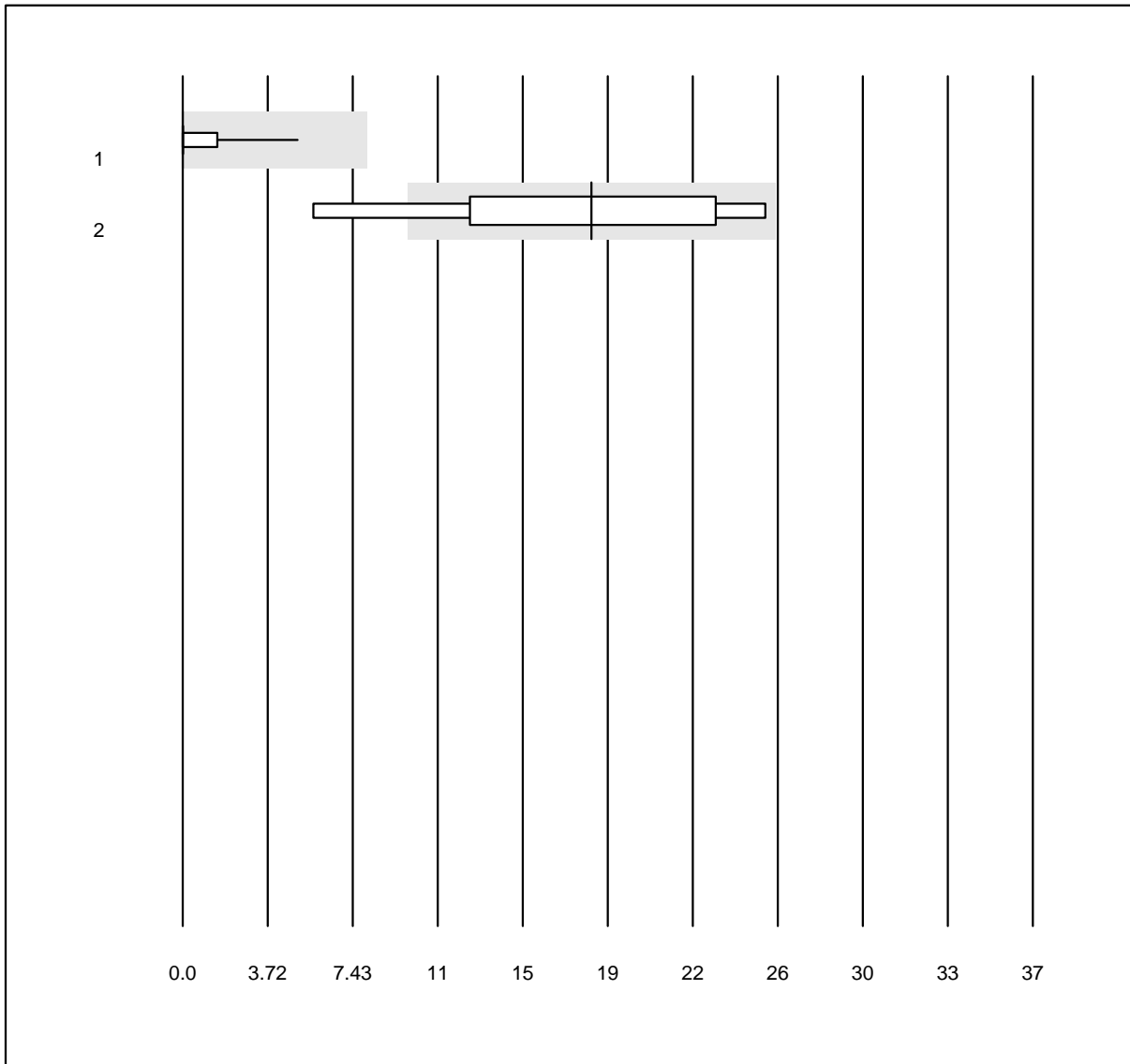
MQ Toleranz: 30%

Hemolysis index A ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	27	100.0	0.0	0.0	174.96	7.2	e
2 Atellica	9	100.0	0.0	0.0	173.98	3.7	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Hemolysis index B



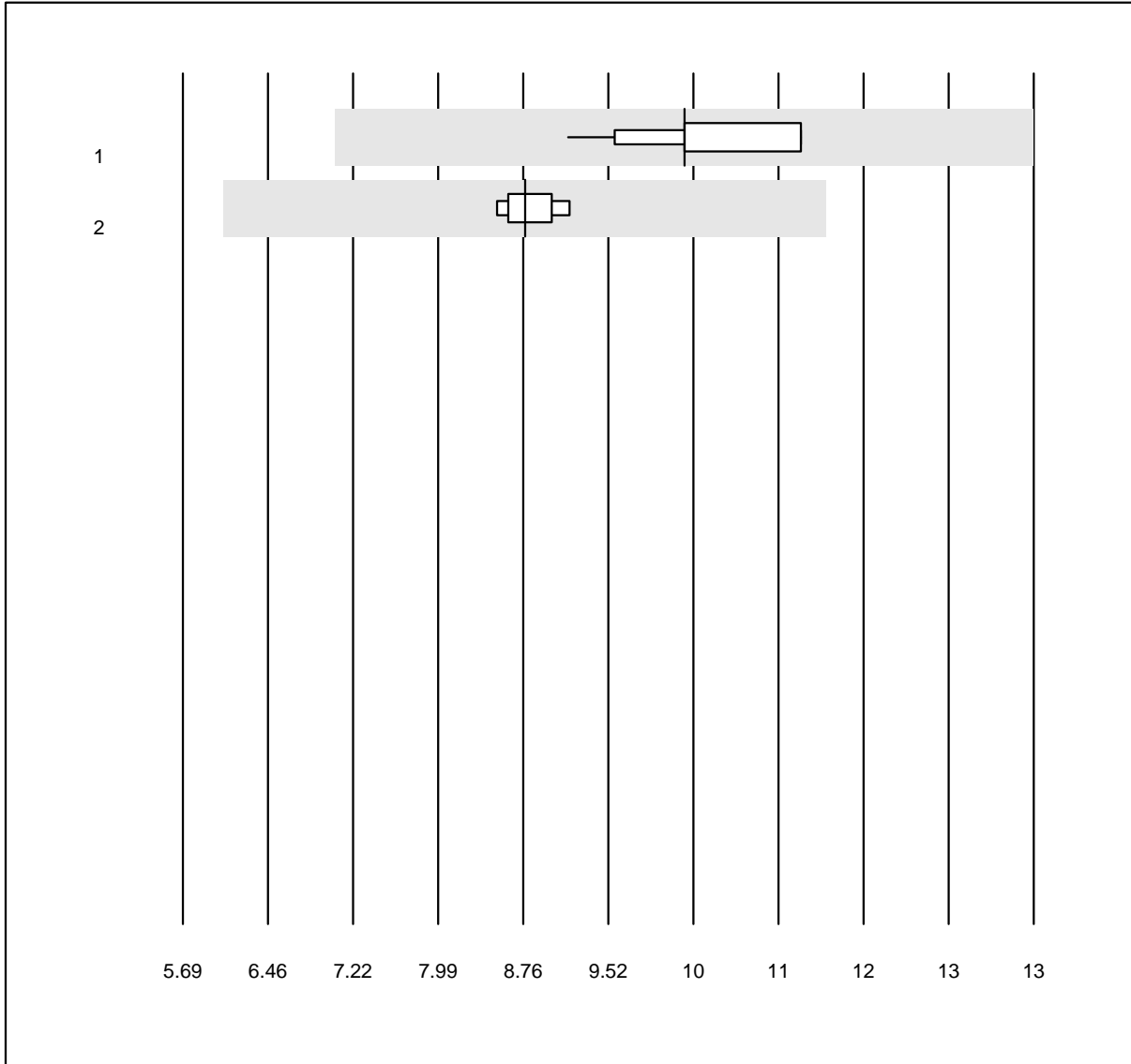
MQ Toleranz: 30%
(< 20.0: +/- 8.0)

Hemolysis index B ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	27	96.3	0.0	3.7	0.01	349.1	e
2 Atellica	9	66.7	11.1	22.2	17.79	40.8	e*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Icteria Index A



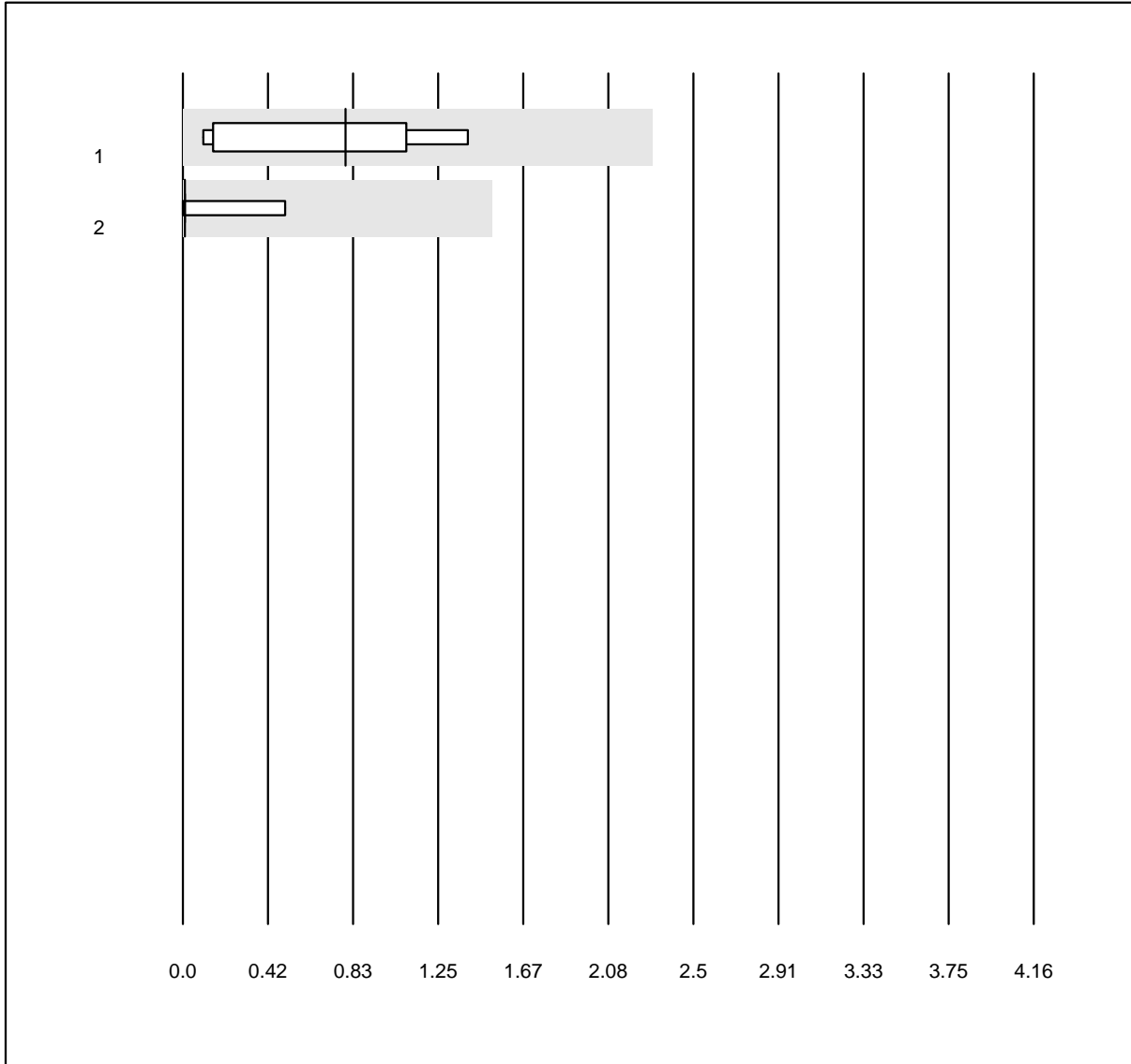
MQ Toleranz: 30%

Icteria Index A ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cobas	13	100.0	0.0	0.0	10.00	6.1	e
2 Atellica	8	100.0	0.0	0.0	8.63	2.4	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Icteria Index B



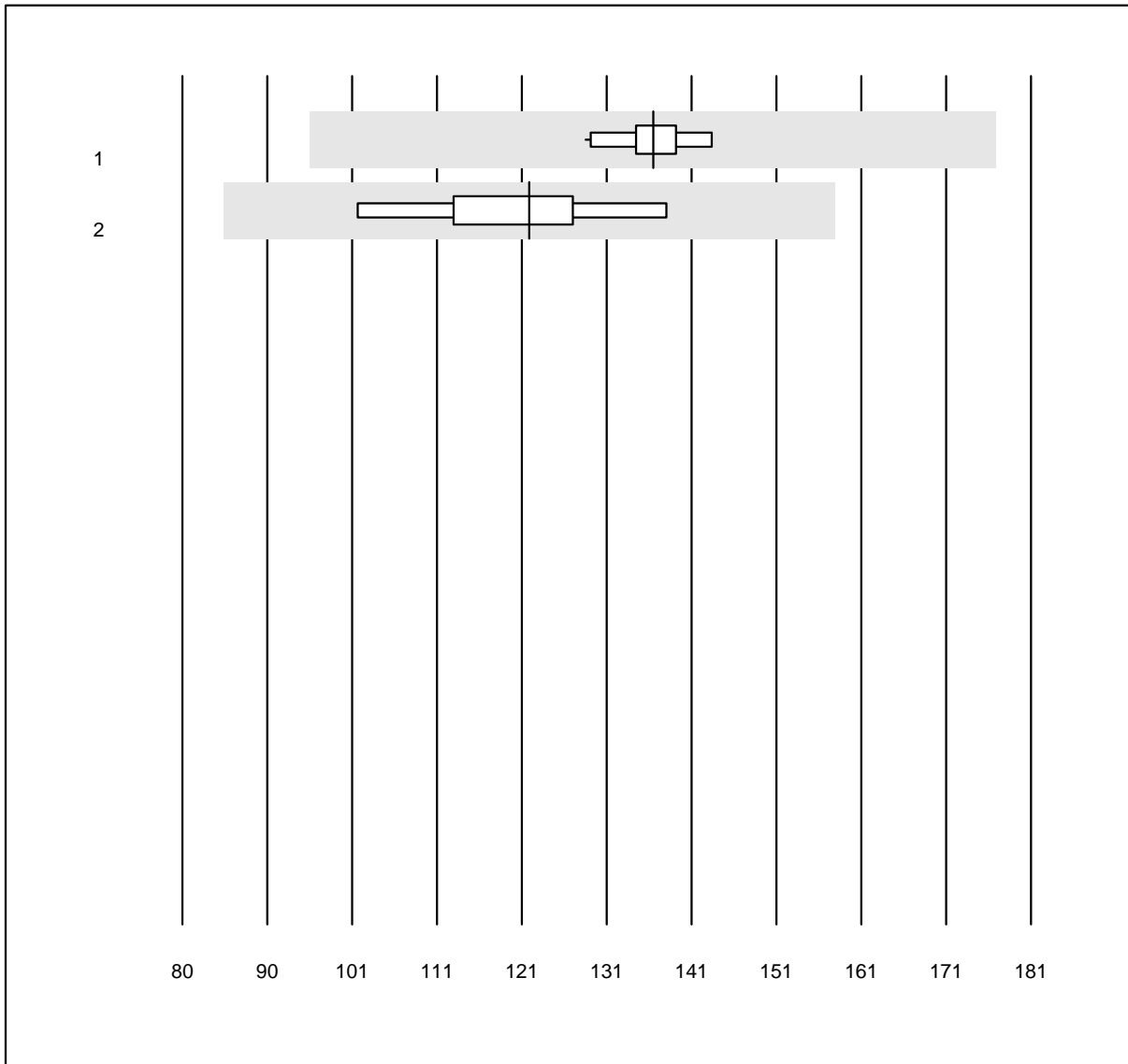
MQ Toleranz: 30%
(< 5.0: +/- 1.5)

Icteria Index B ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Atellica	8	100.0	0.0	0.0	0.80	69.8	e*
2 Cobas	13	100.0	0.0	0.0	0.01	220.3	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Lipemia index A



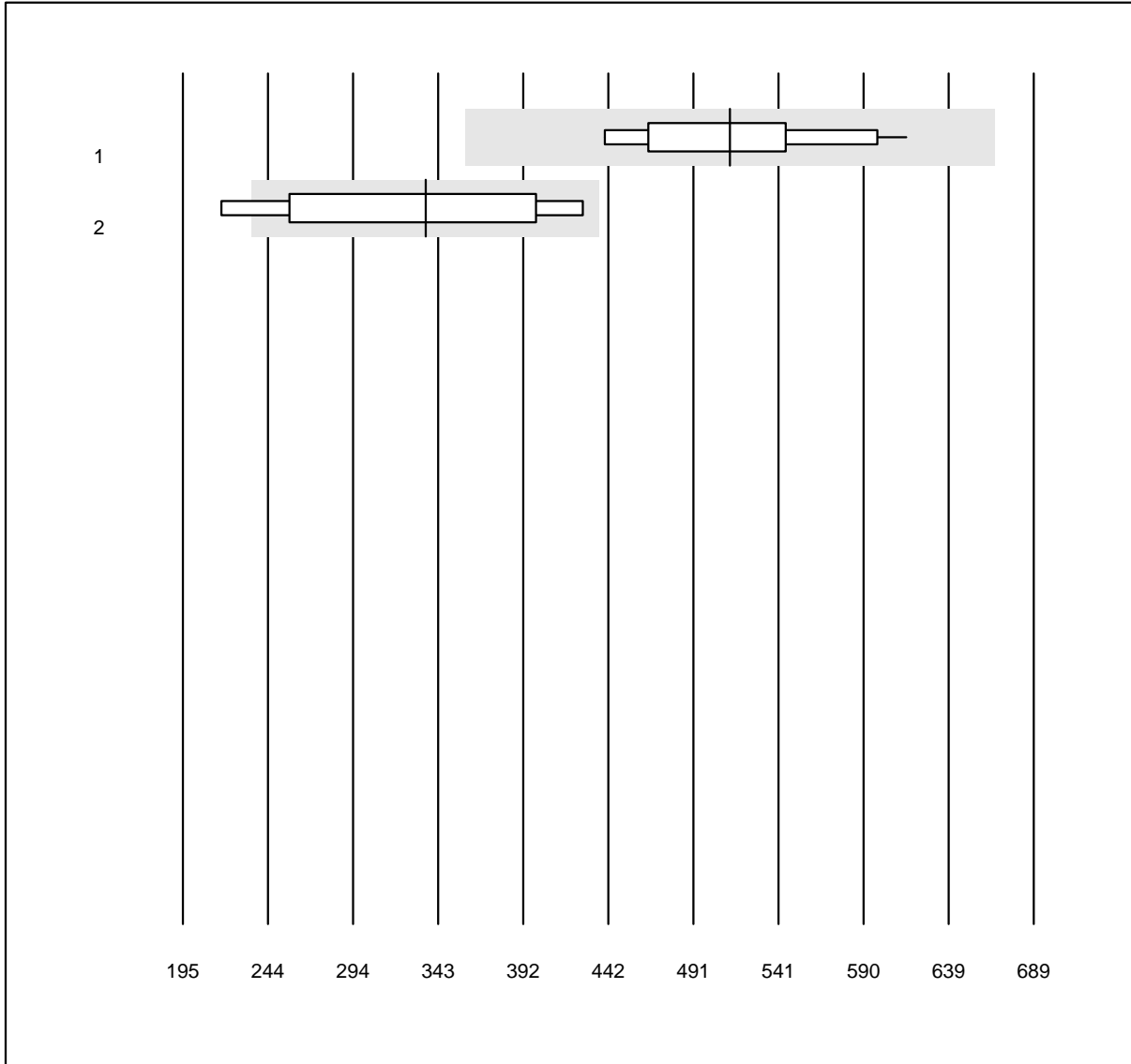
MQ Toleranz: 30%

Lipemia index A ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cobas	12	100.0	0.0	0.0	136.05	3.3	e
2 Atellica	8	100.0	0.0	0.0	121.28	8.8	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Lipemia index B



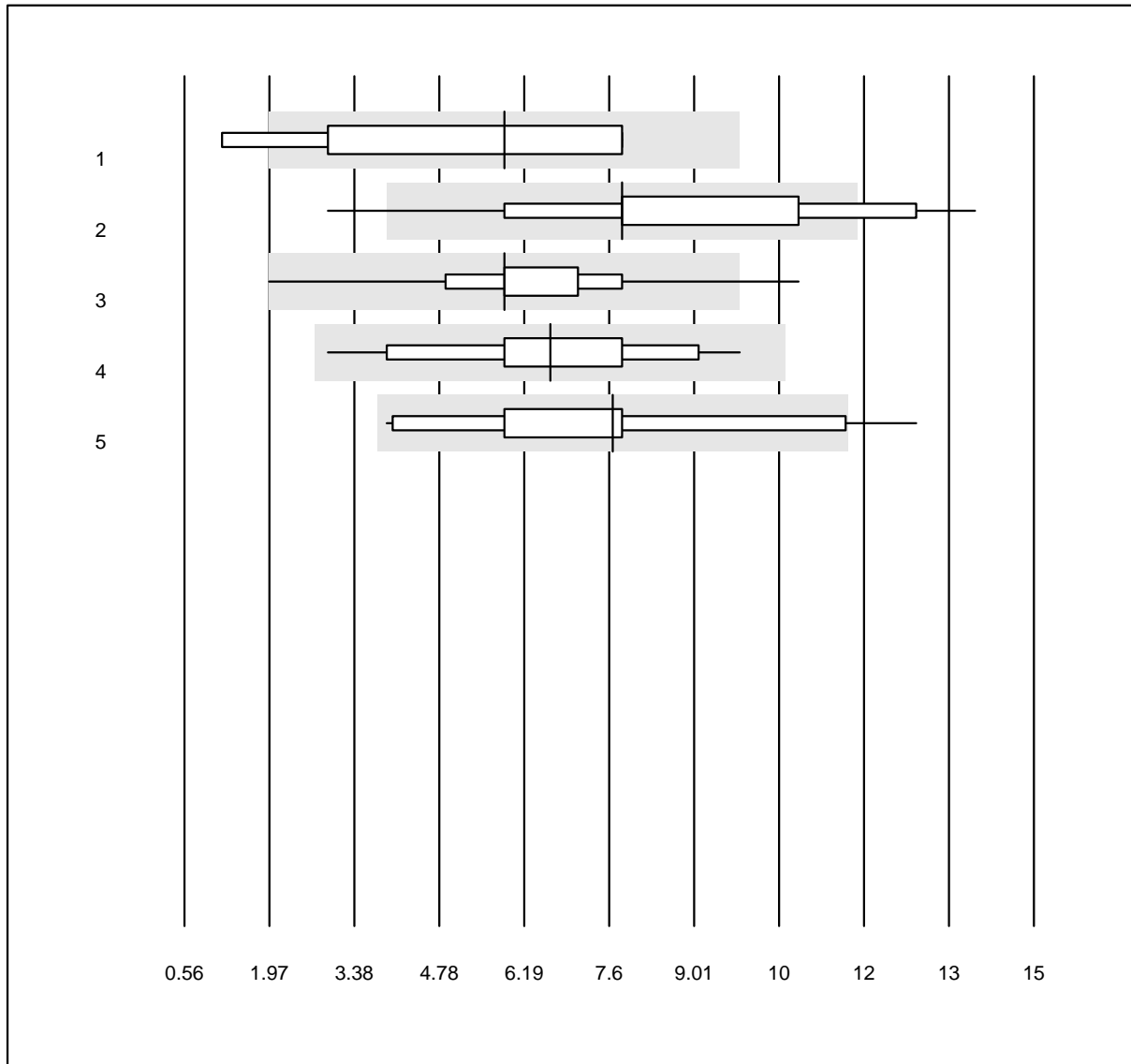
MQ Toleranz: 30%

Lipemia index B ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cobas	12	100.0	0.0	0.0	512.63	10.2	e
2 Atellica	8	87.5	12.5	0.0	336.00	23.1	a*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Erythrocyte sedimentation rate 1h

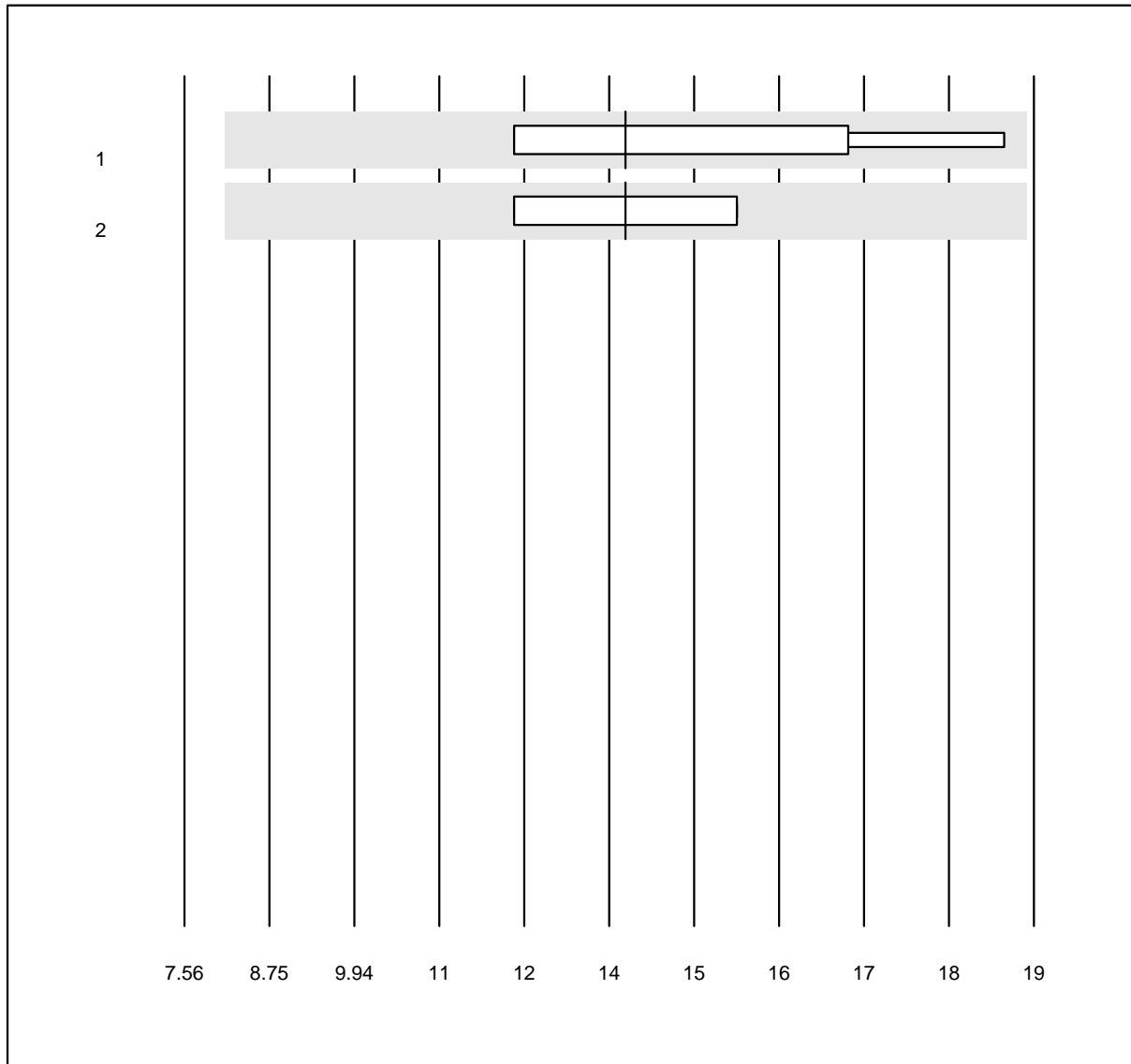


MQ Toleranz: 40%
(< 10.0: +/- 4.0 mm/h)

Erythrocyte sedimentation
rate 1h (mm/h)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sarstedt Microvette	5	100.0	0.0	0.0	6	46.3	a*
2 MINI-CUBE	38	78.9	13.2	7.9	8	27.1	a
3 BD Seditainer	47	95.7	2.1	2.1	6	24.8	e
4 Sarstedt Sedivette	26	100.0	0.0	0.0	7	27.2	e
5 Other methods	22	81.8	9.1	9.1	8	31.2	e*

Erythrocyte sedimentation rate 2h



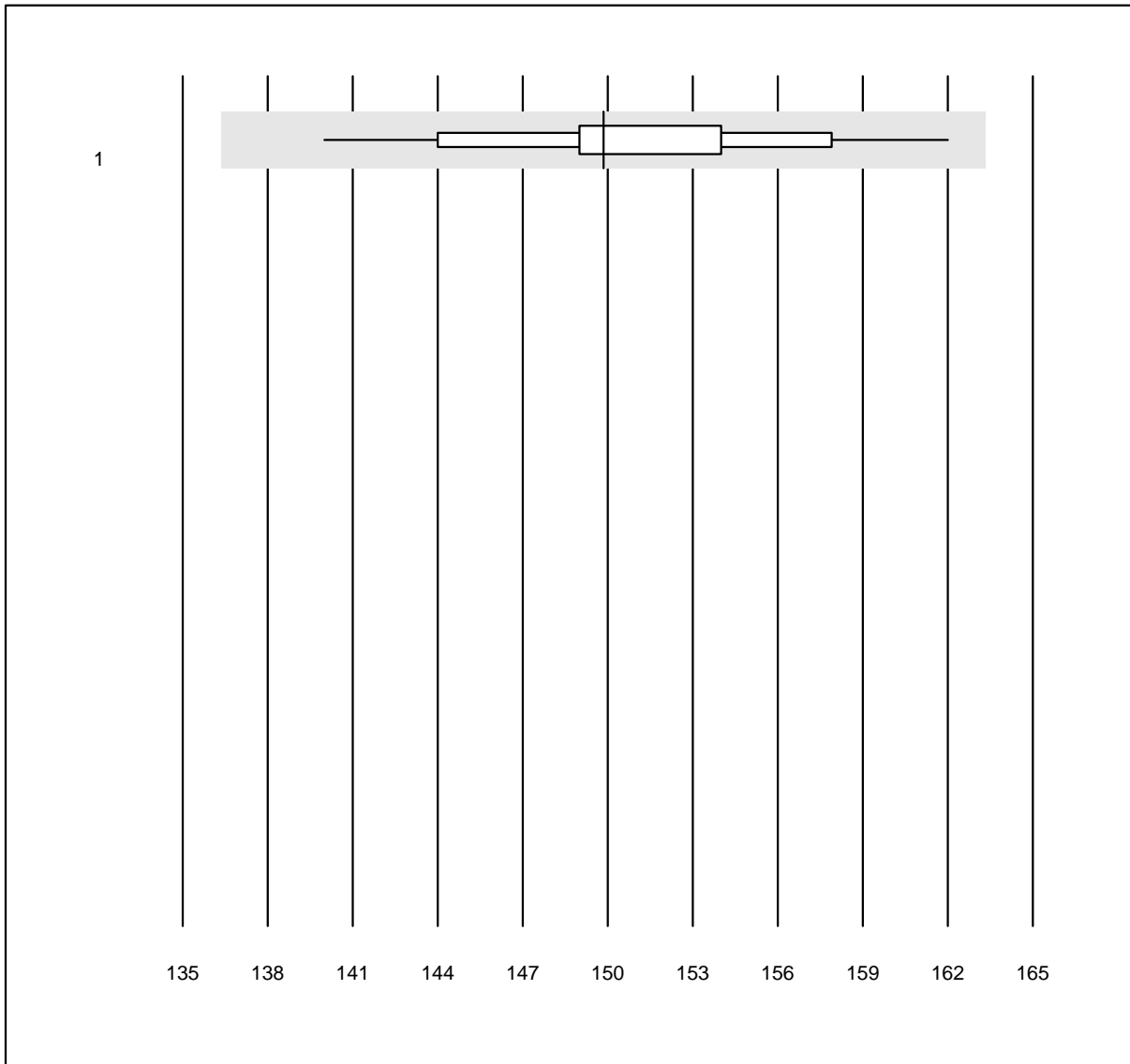
MQ Toleranz: 40%

Erythrocyte sedimentation rate 2h (mm/2h)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sarstedt Sedivette	6	100.0	0.0	0.0	14	17.0	e*
2 BD Seditainer	4	100.0	0.0	0.0	14	12.8	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Hemoglobin HS

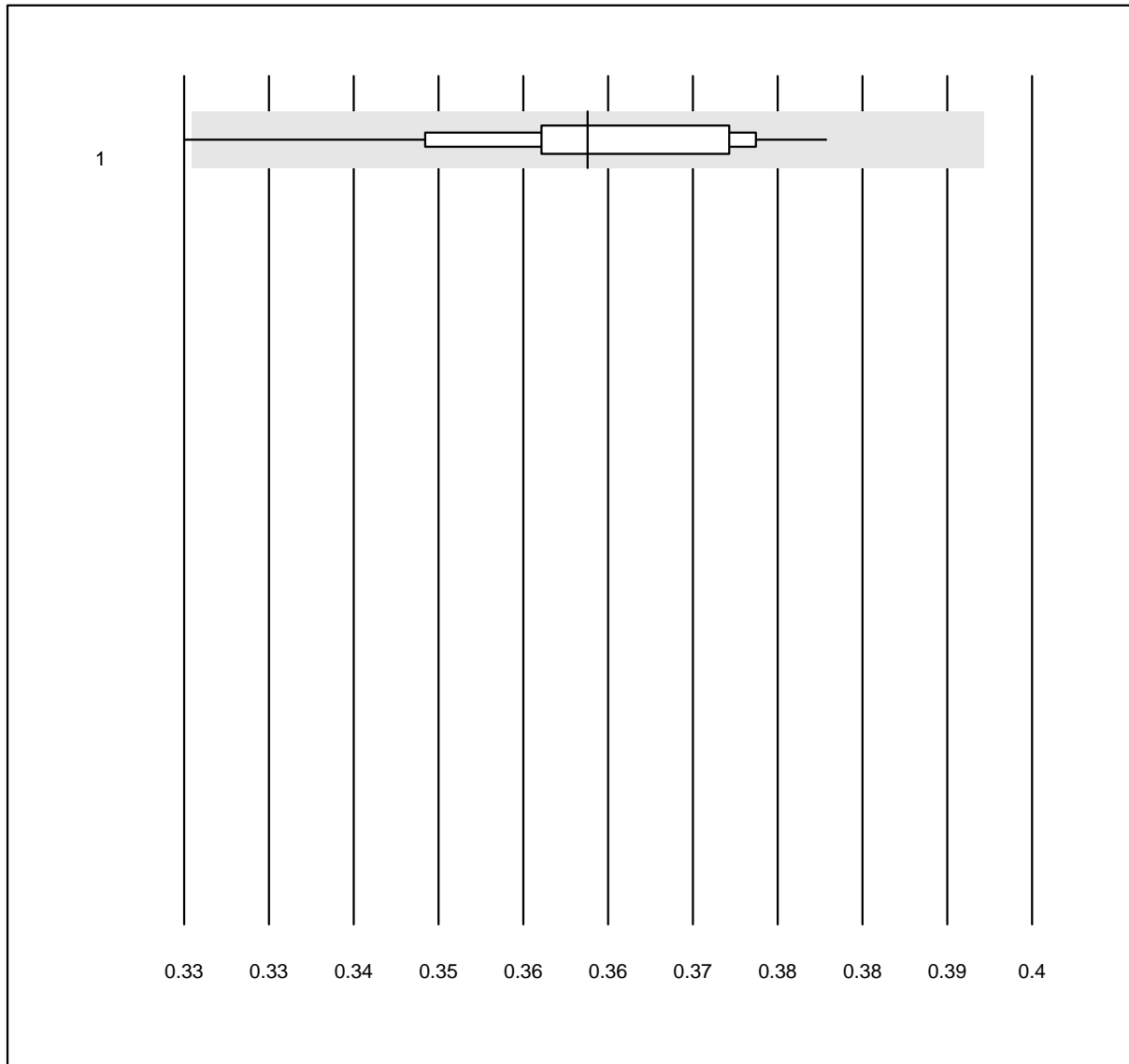


QUALAB Toleranz: 9%

Hemoglobin HS (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 PixCell HemoScreen	44	81.8	0.0	18.2	149.9	3.2	e

Hematocrit HS

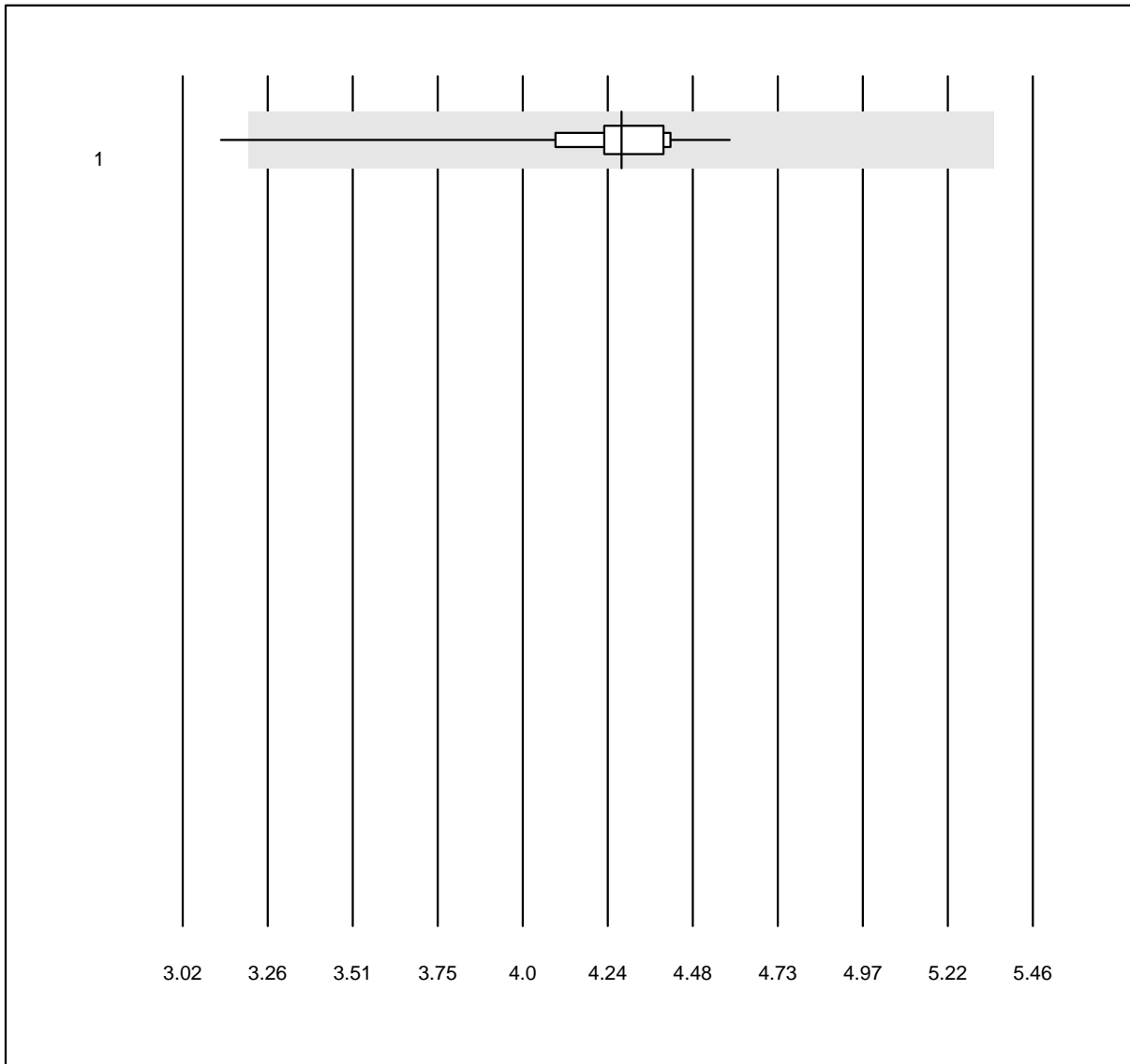


QUALAB Toleranz: 9%

Hematocrit HS (l/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 PixCell HemoScreen	44	84.1	2.3	13.6	0.4	3.2	e

Erythrocytes HS

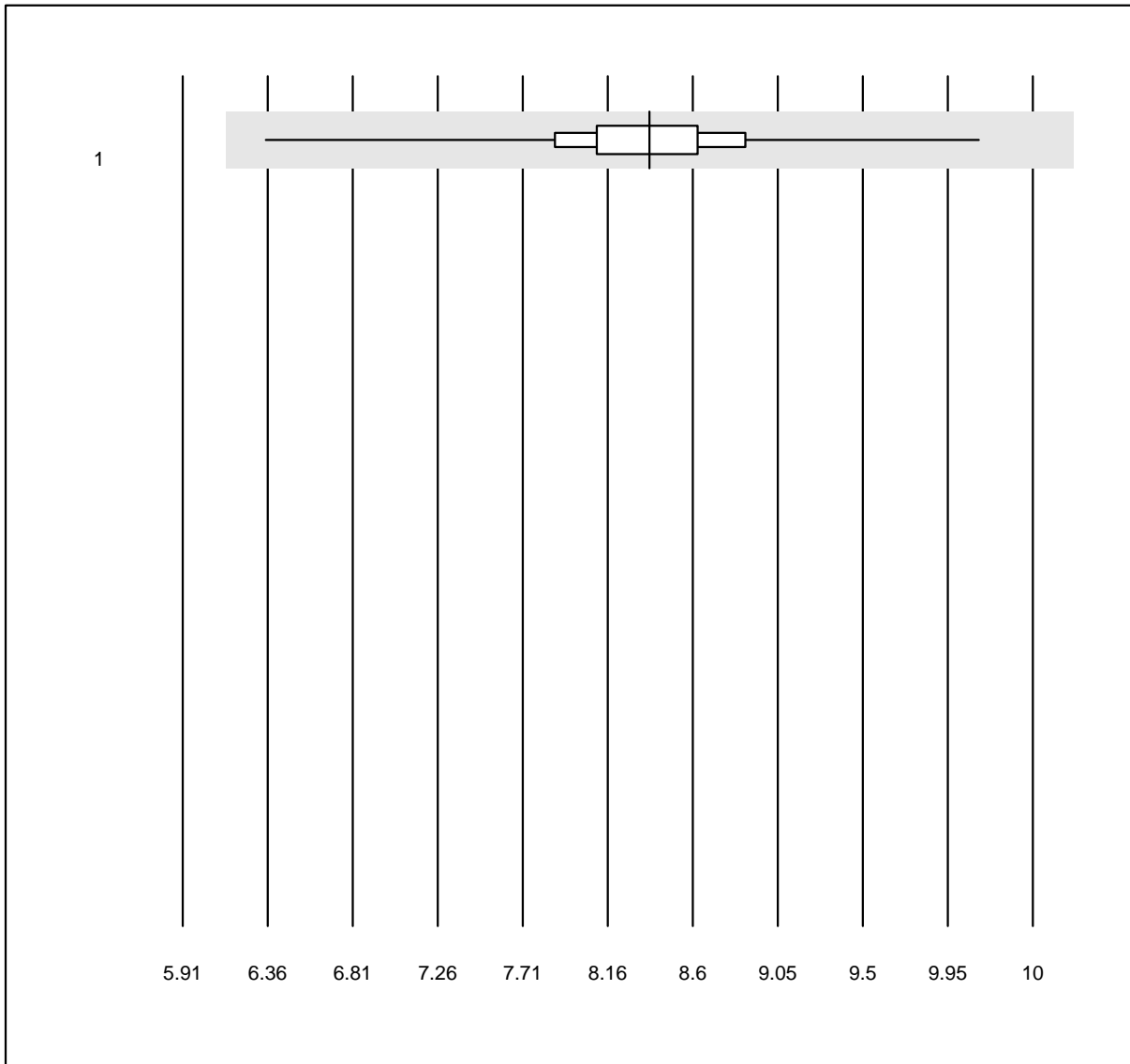


QUALAB Toleranz: 25%

Erythrocytes HS (T/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 PixCell HemoScreen	44	86.4	2.3	11.4	4.28	5.6	e

Leucocytes HS

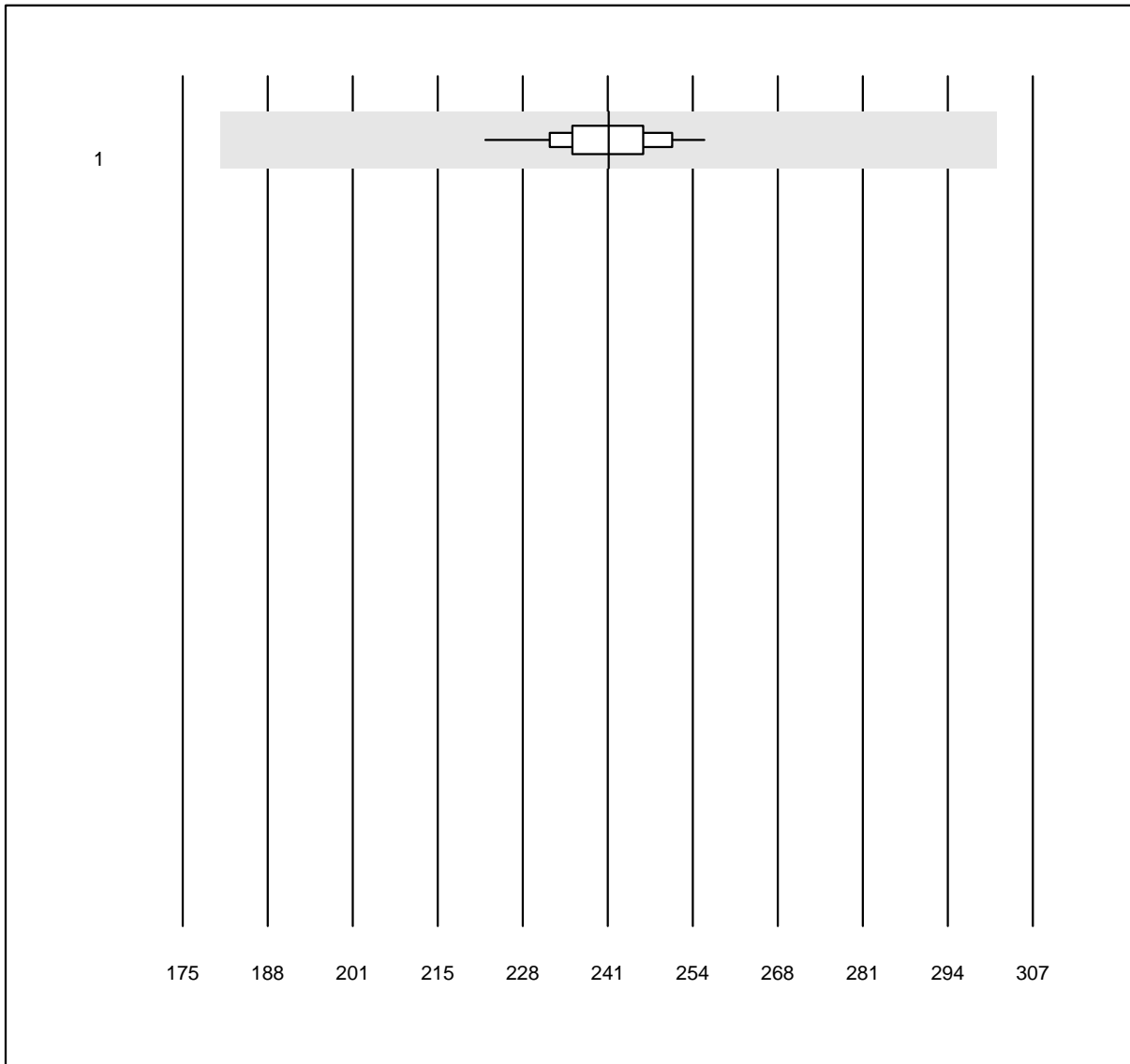


QUALAB Toleranz: 25%

Leucocytes HS (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 PixCell HemoScreen	44	90.9	0.0	9.1	8.16	6.1	e

Trombocytes HS

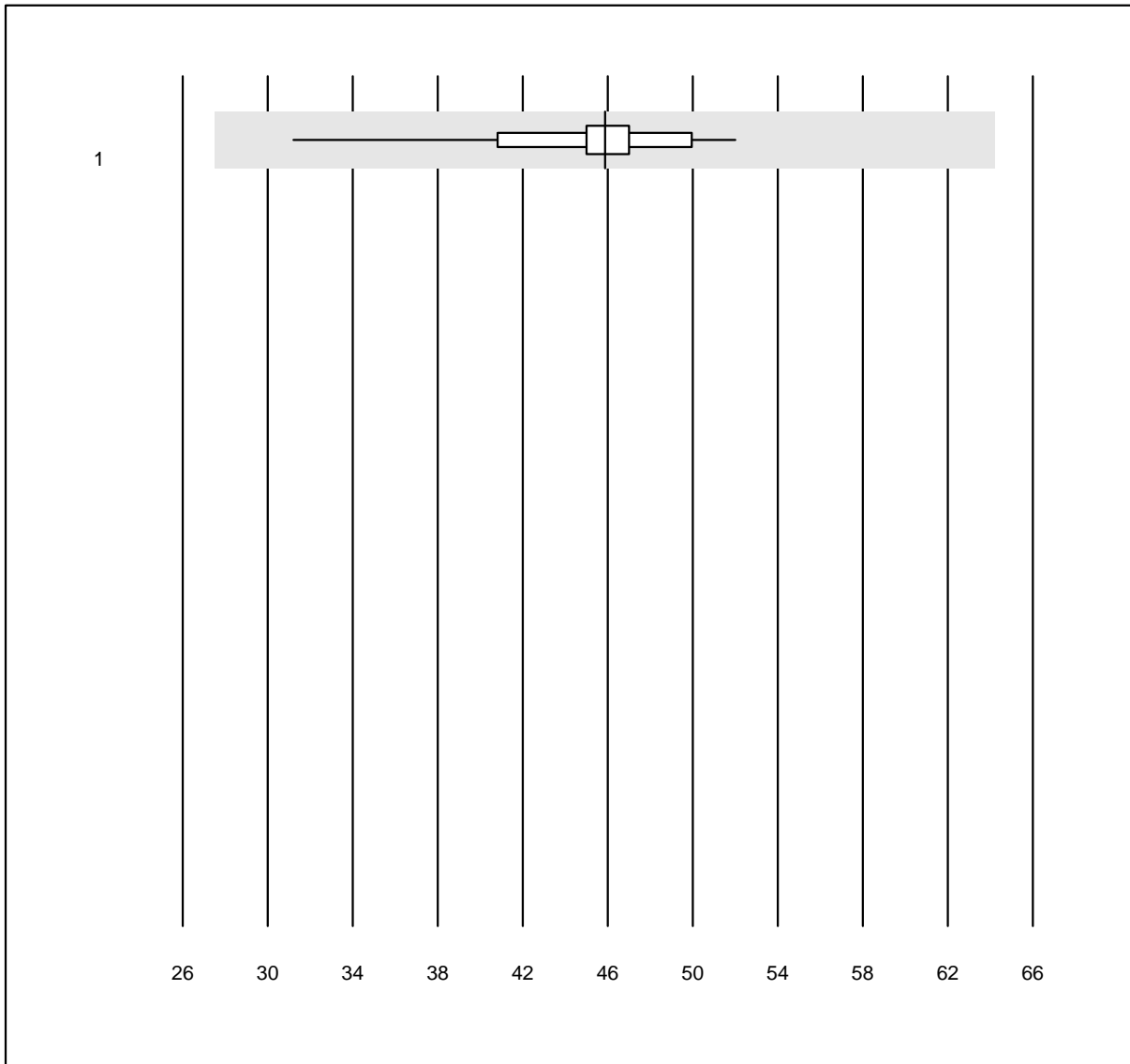


QUALAB Toleranz: 25%

Trombocytes HS (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 PixCell HemoScreen	43	97.7	0.0	2.3	241.2	3.1	e

Erythrocytes BF



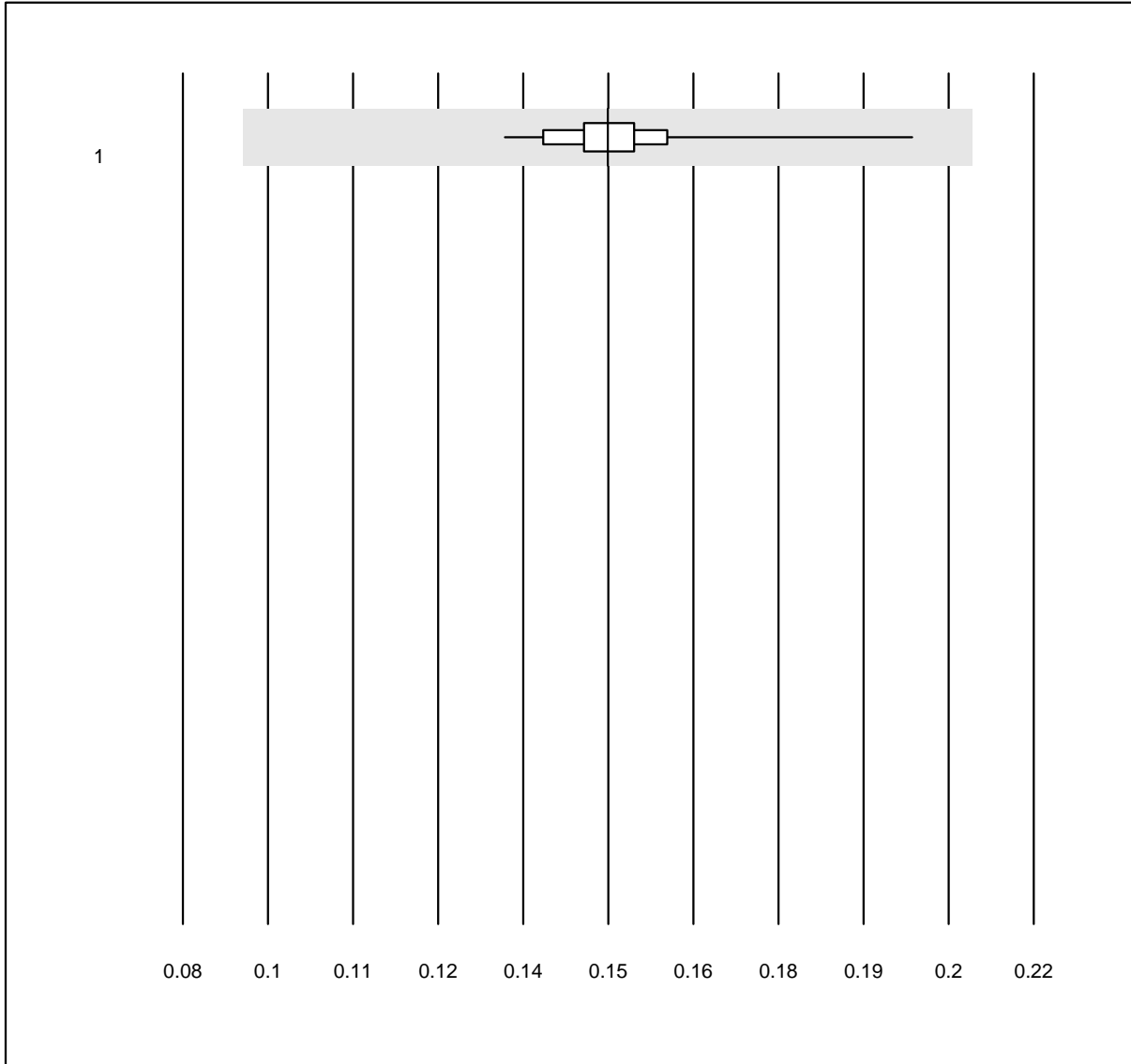
MQ Toleranz: 40%

Erythrocytes BF (G/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Sysmex	40	100.0	0.0	0.0	45.876	8.1	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Leucocytes BF



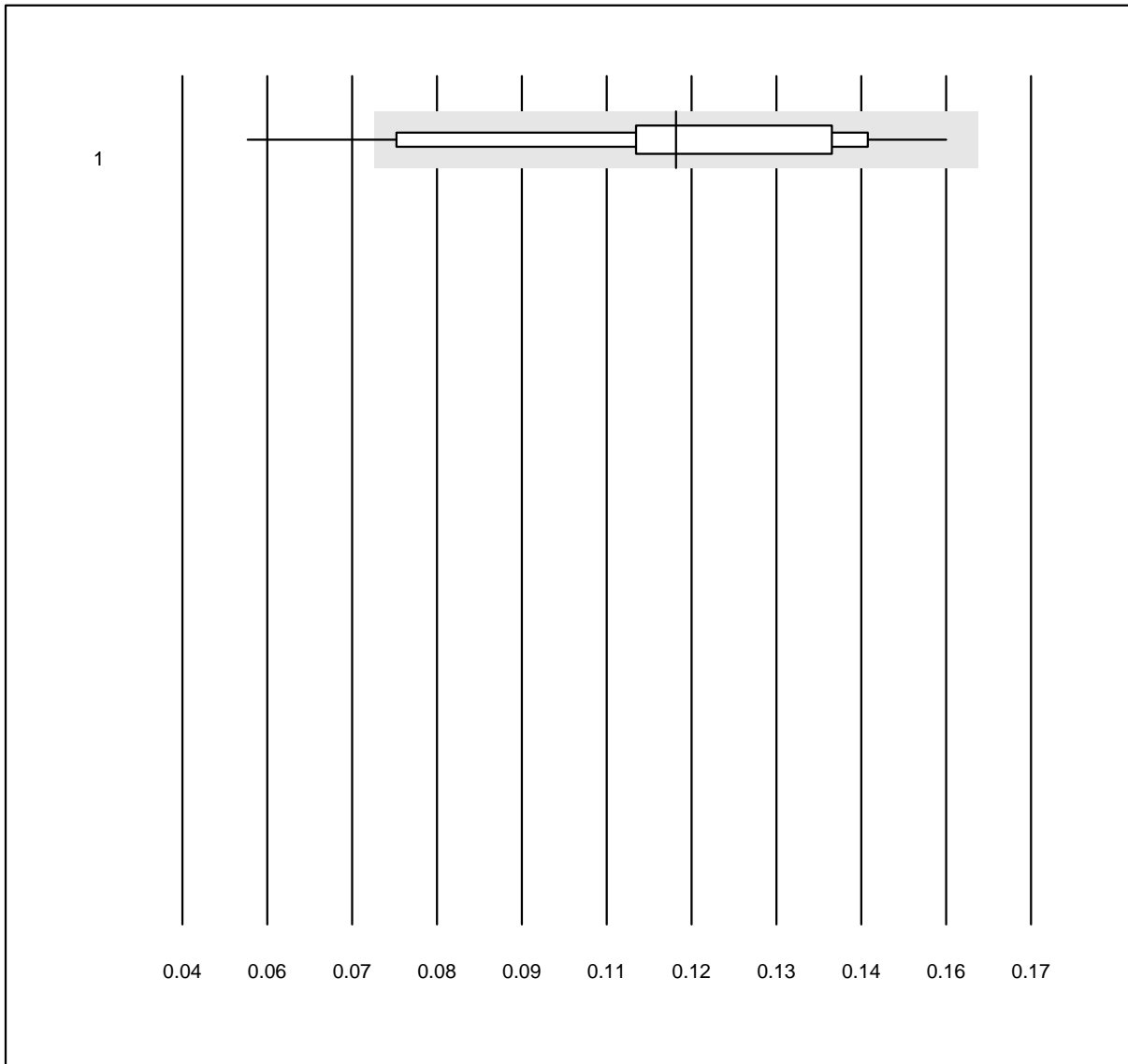
MQ Toleranz: 40%

Leucocytes BF (G/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Sysmex	42	100.0	0.0	0.0	0.150	6.9	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Mononuclear cells (MN)

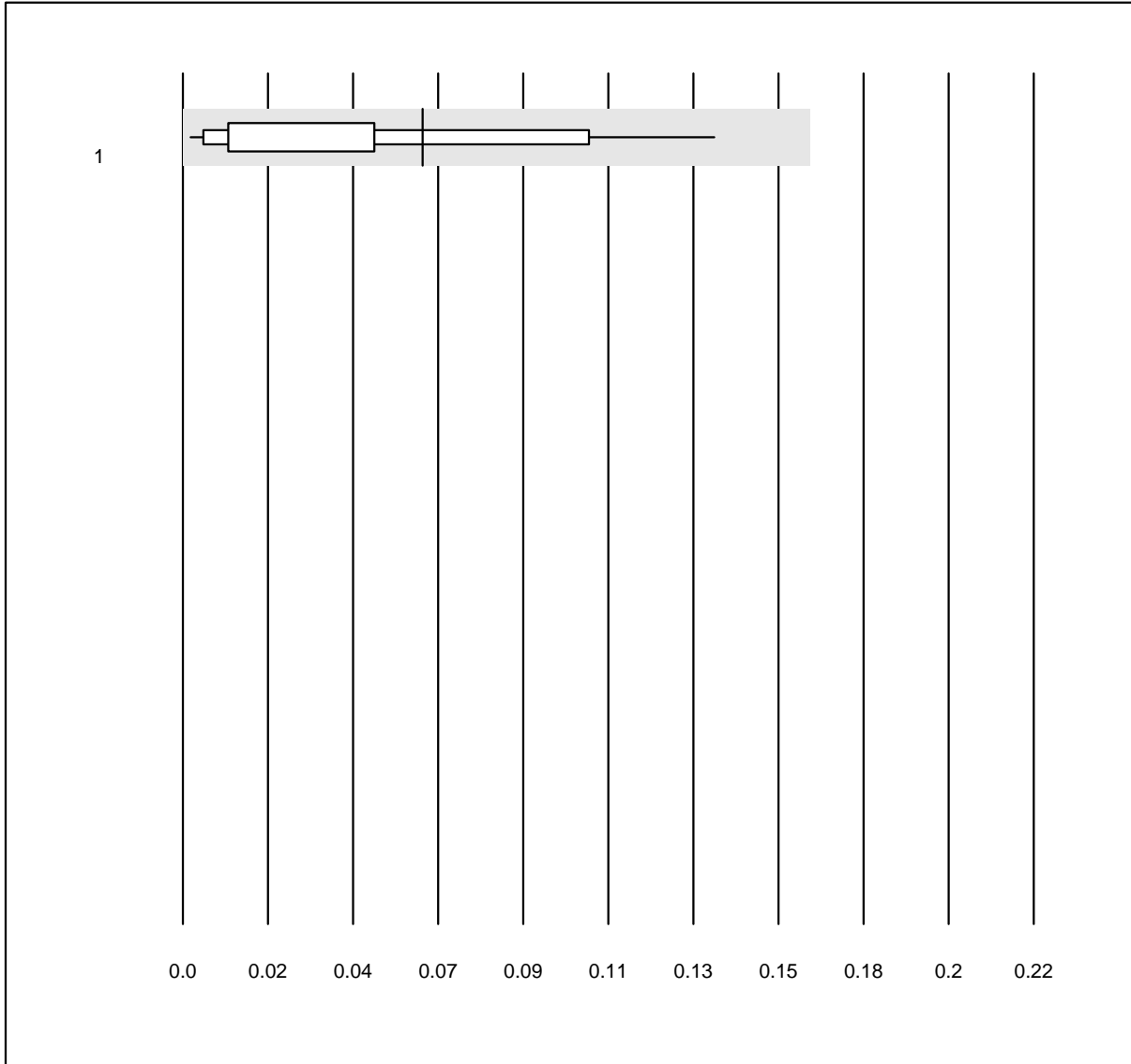


MQ Toleranz: 40%

Mononuclear cells (MN)
(G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	40	87.5	5.0	7.5	0.116	22.0	e

Polynuclear cells (PMN)

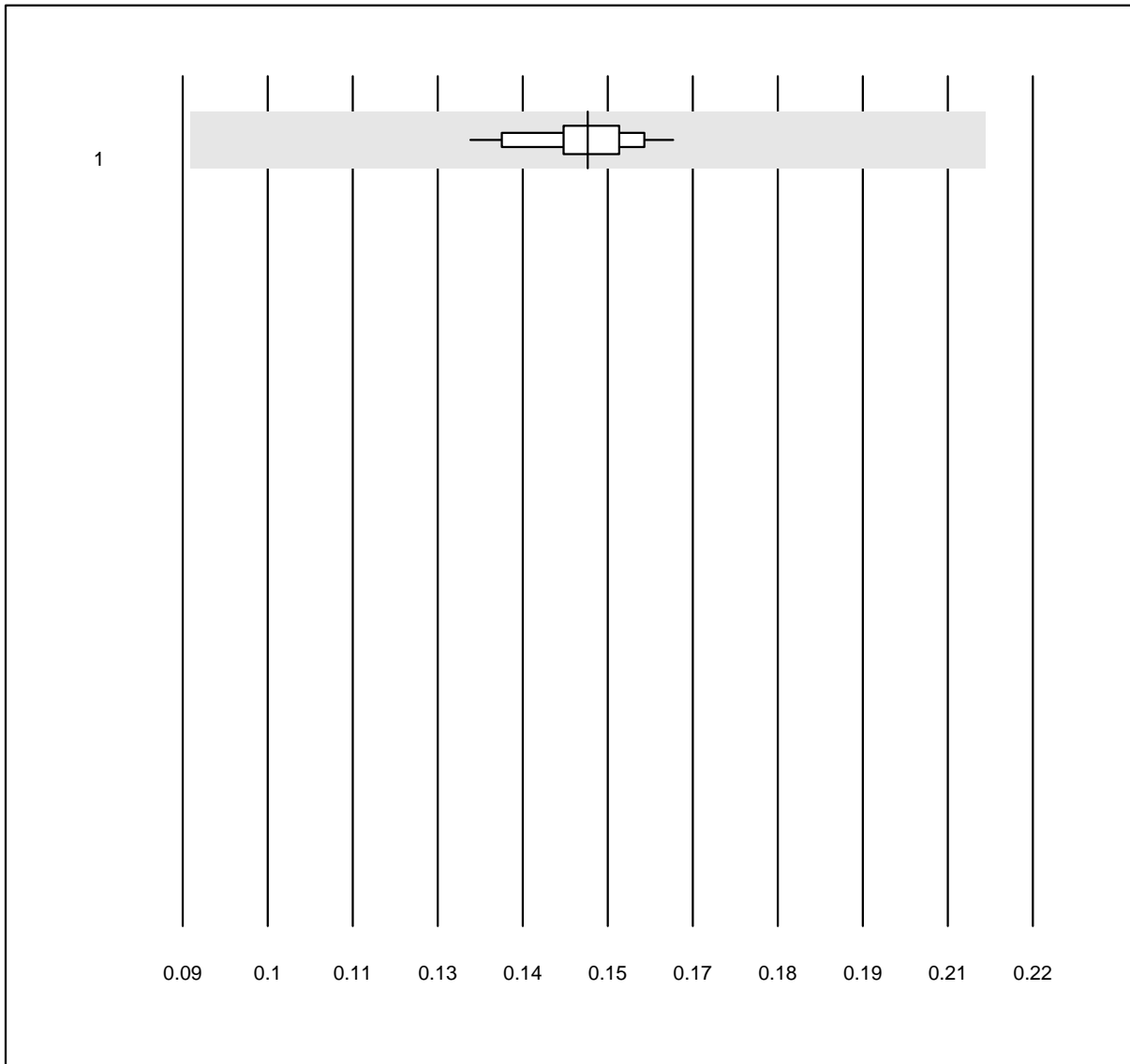


MQ Toleranz: 40%
(< 0.08: +/- 0.1 G/l)

Polynuclear cells (PMN)
(G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	40	100.0	0.0	0.0	0.062	92.2	a

Total cells (TC)

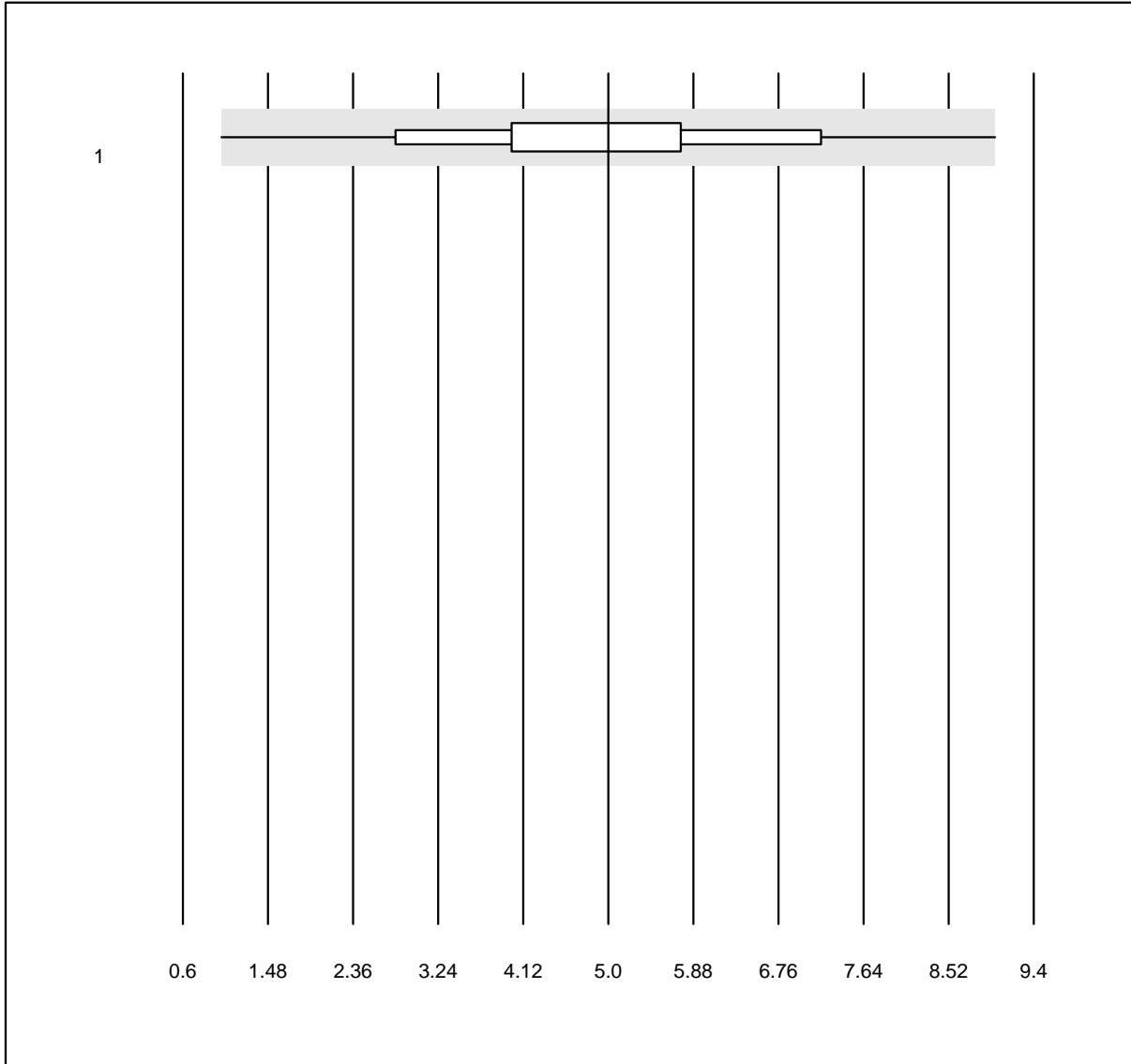


MQ Toleranz: 40%

Total cells (TC) (G/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Sysmex	36	100.0	0.0	0.0	0.152	5.0	e

Erythrocyte sedimentation rate

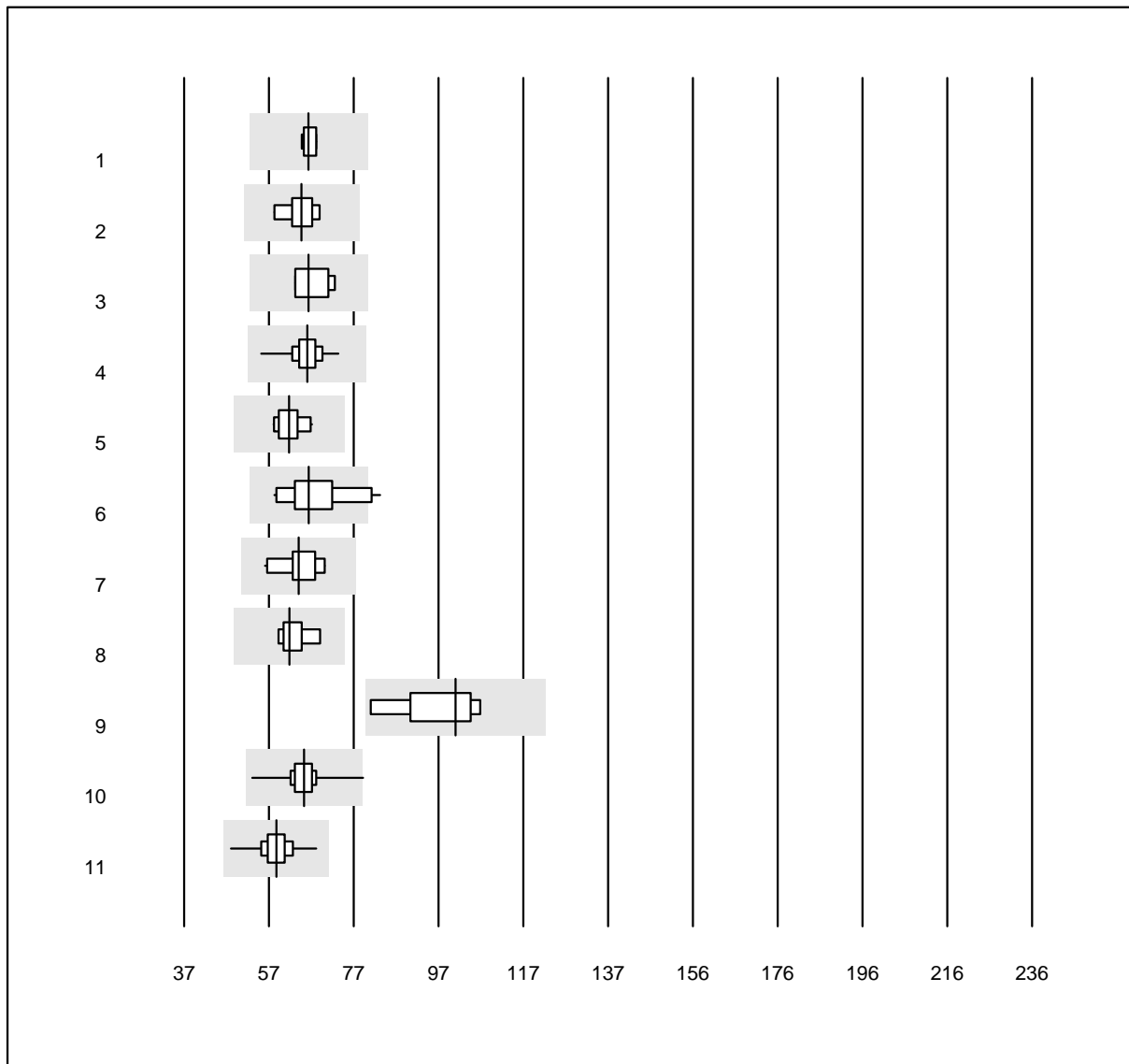


MQ Toleranz: 40%
(< 10.0: +/- 4.0 mm/h)

Erythrocyte sedimentation
rate (mm/h)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 miniiSed	28	100.0	0.0	0.0	5	40.8	a

CRP 1



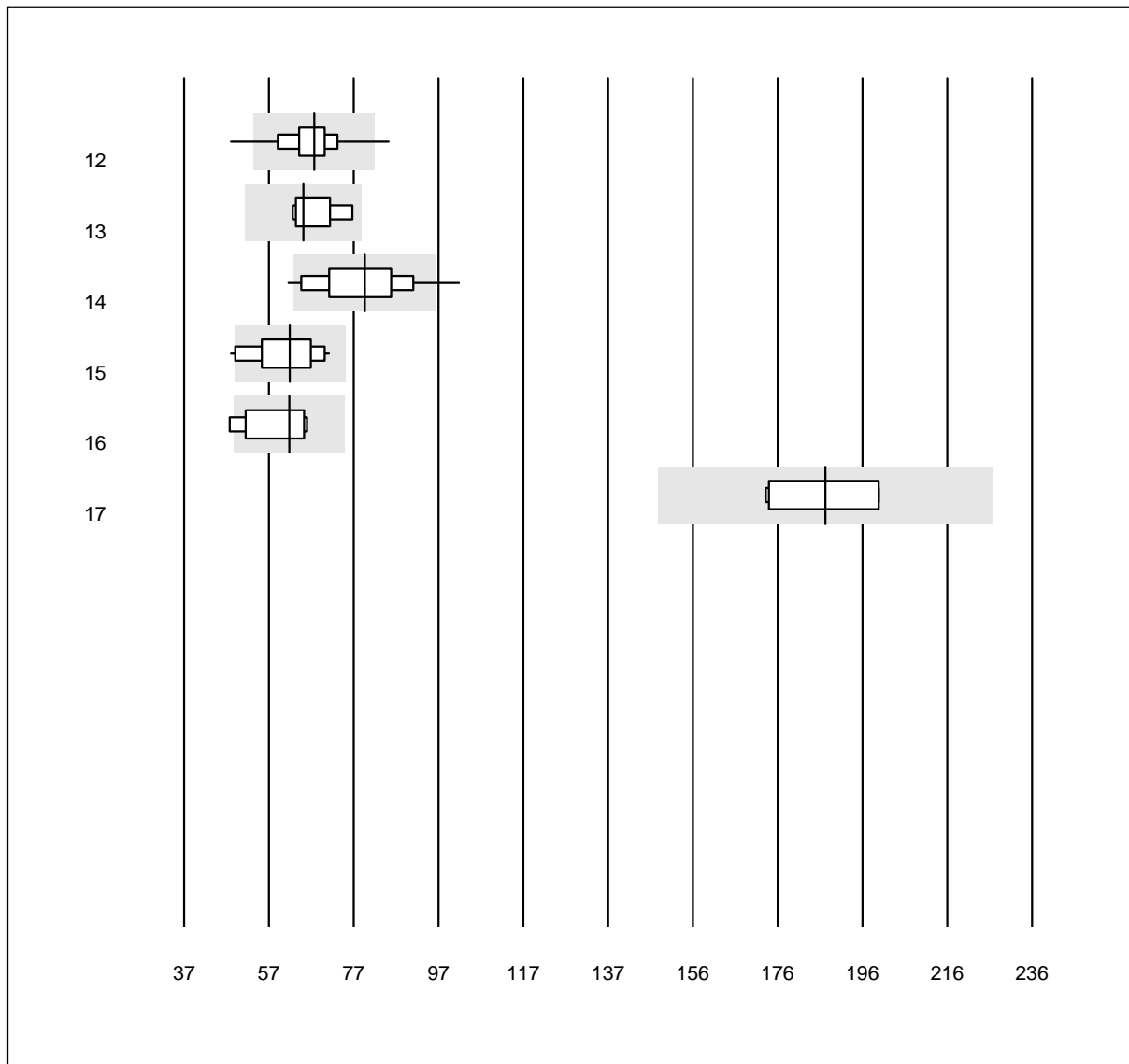
QUALAB Toleranz: 21%

CRP (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Vitros	7	100.0	0.0	0.0	66.2	2.1	e
2 Abbott	9	100.0	0.0	0.0	64.5	5.0	e
3 Beckman	5	100.0	0.0	0.0	66.2	6.0	e*
4 Roche	52	98.1	0.0	1.9	65.9	5.0	e
5 Siemens	10	100.0	0.0	0.0	61.6	4.5	e
6 Autolyser	12	83.3	8.3	8.3	66.2	9.9	e*
7 Fuji Dri-Chem	11	90.9	0.0	9.1	63.9	6.4	e
8 Spotchem D-Concept	5	100.0	0.0	0.0	61.7	4.4	e
9 Piccolo	4	100.0	0.0	0.0	100.7	8.0	e*
10 Afinion	985	99.6	0.1	0.3	65.1	4.3	e
11 Cobas b101	478	99.6	0.0	0.4	58.7	5.0	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

CRP 2



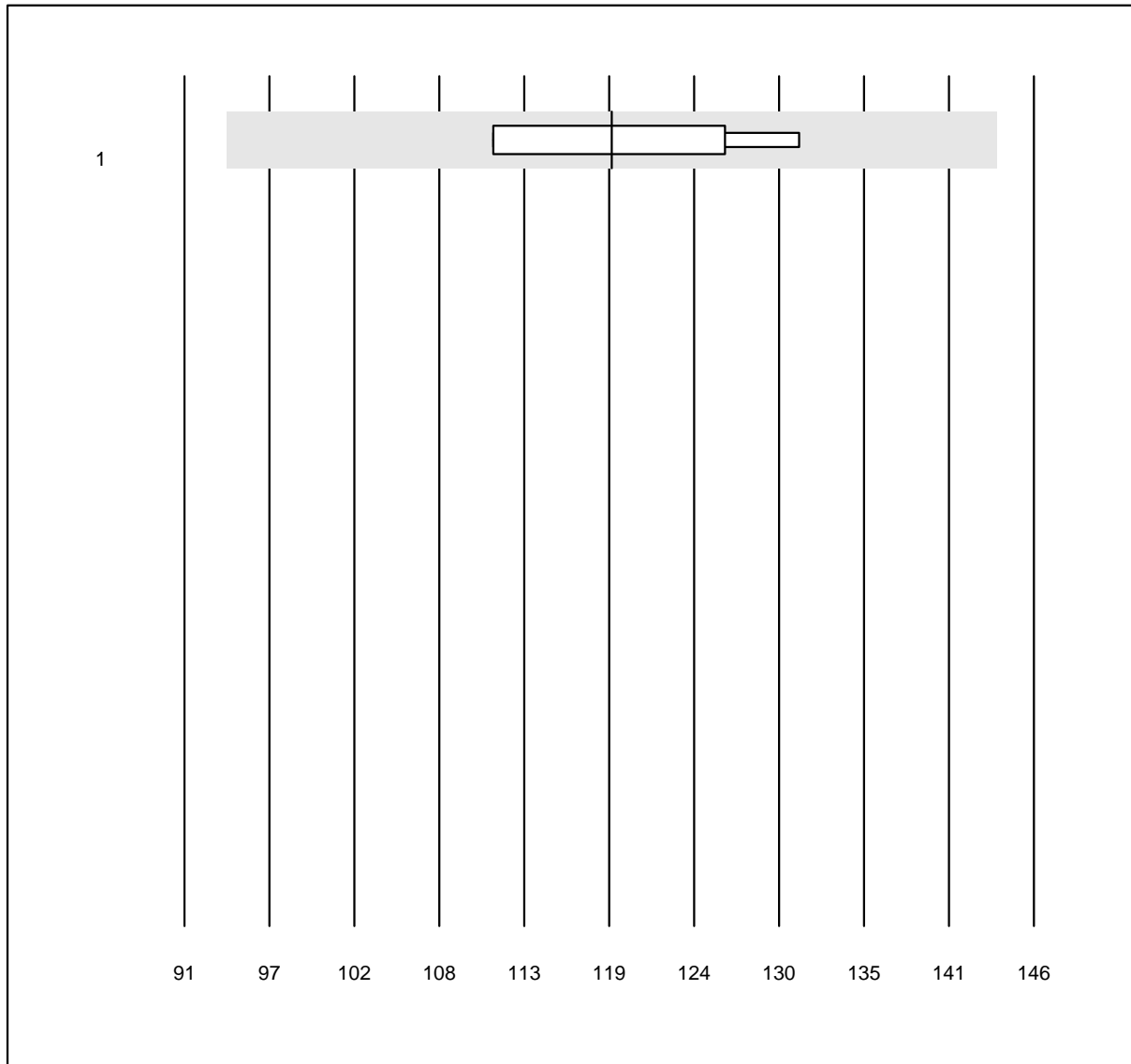
QUALAB Toleranz: 21%

CRP (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Quick Read go	85	85.9	7.1	7.1	67.6	9.5	e
13 AQT 90 FLEX	4	100.0	0.0	0.0	65.0	6.8	e*
14 Eurolyser	45	82.2	8.9	8.9	79.4	12.7	e
15 NycoCard SingleTest-Plasma	35	88.6	2.9	8.6	61.8	11.6	e
16 Turbidimetry	5	80.0	0.0	20.0	61.7	12.5	e*
17 Other methods	4	100.0	0.0	0.0	187.5	7.9	e*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

CRP QR

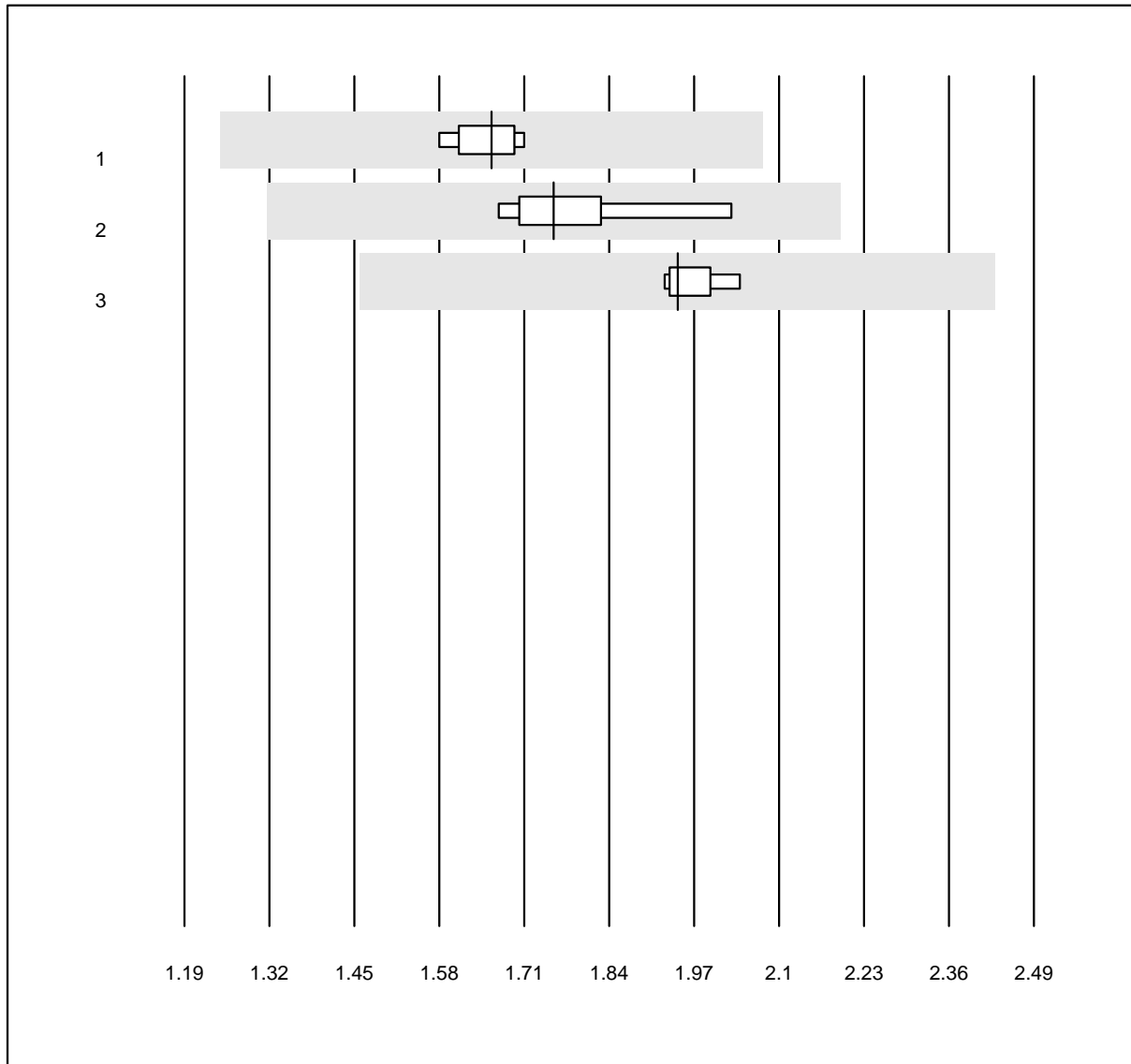


QUALAB Toleranz: 21%

CRP QR (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	7	100.0	0.0	0.0	118.7	6.1	e

Alpha-1-Antitrypsin

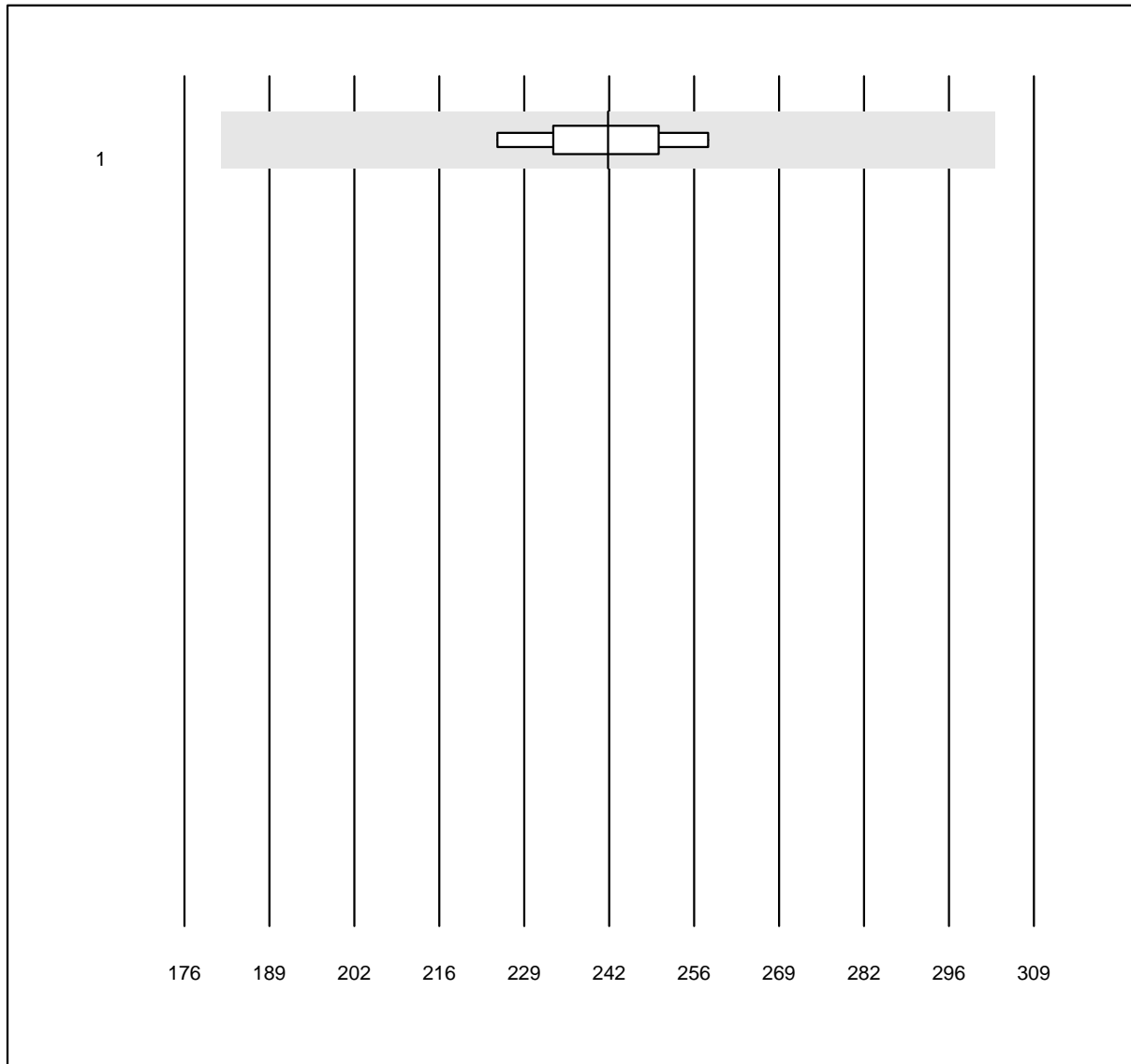


MQ Toleranz: 25%

Alpha-1-Antitrypsin (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	4	100.0	0.0	0.0	1.66	2.7	e
2 Roche	6	100.0	0.0	0.0	1.75	5.8	e
3 Siemens	4	100.0	0.0	0.0	1.95	1.8	e

Anti-Streptolysin-Antibodies



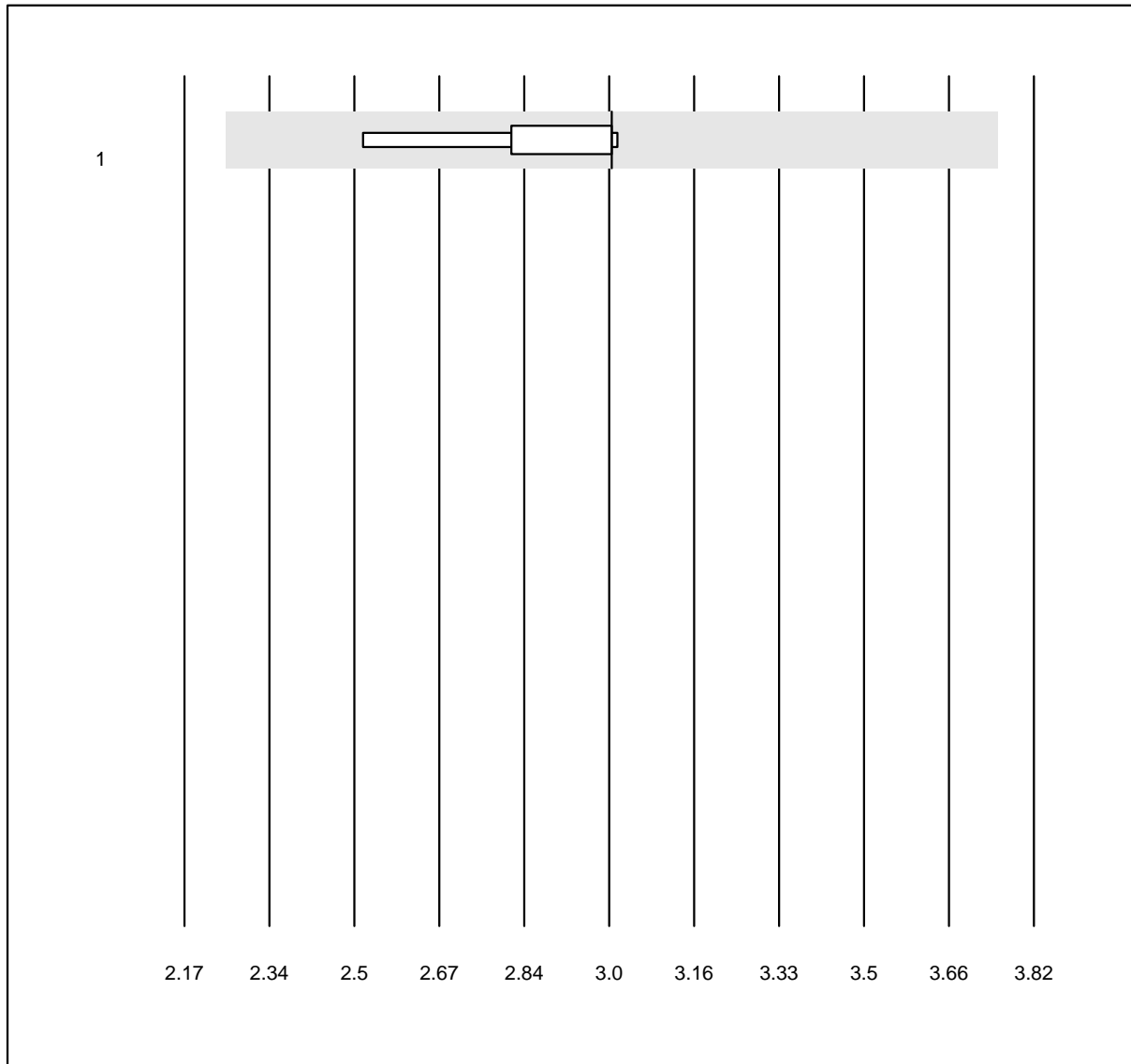
MQ Toleranz: 25%

Anti-Streptolysin-Antibodies
(kIU/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	12	100.0	0.0	0.0	242	4.6	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Beta-2 microglobuline



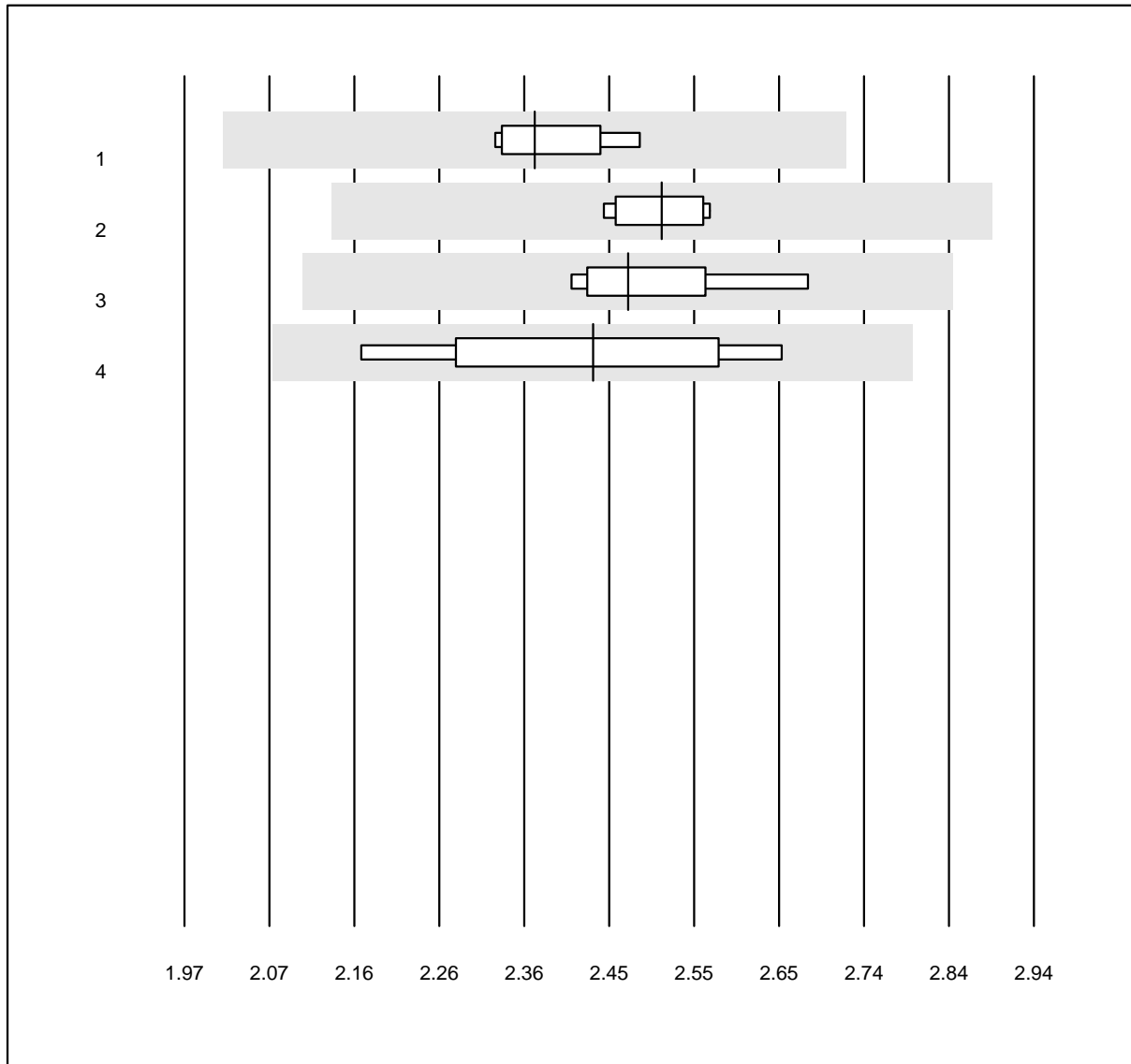
MQ Toleranz: 25%

Beta-2 microglobuline
(mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	8	100.0	0.0	0.0	3.00	5.8	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Complement C3



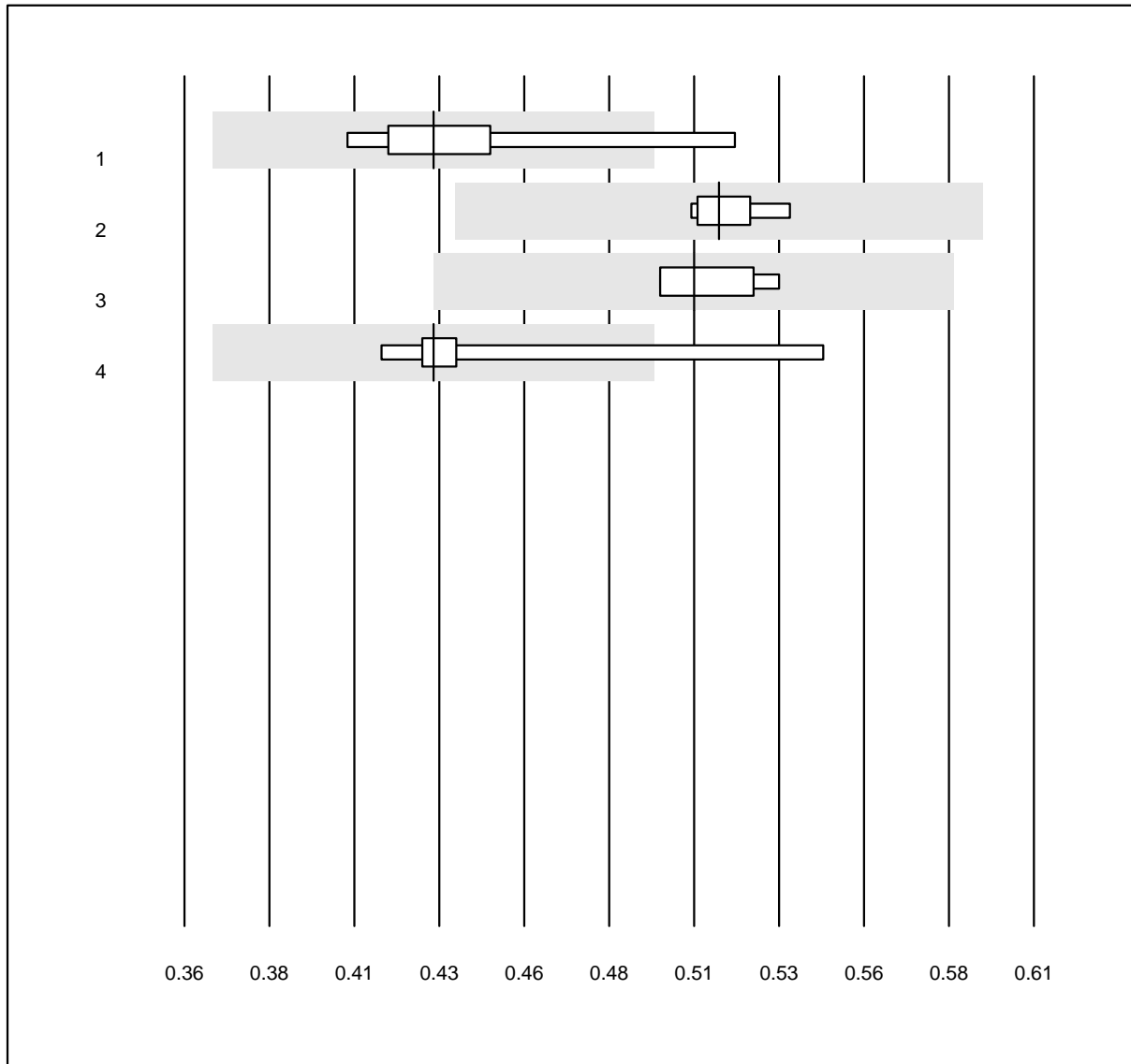
QUALAB Toleranz: 15%

Complement C3 (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	4	100.0	0.0	0.0	2.37	2.5	e
2 Roche	8	100.0	0.0	0.0	2.52	1.9	e
3 Siemens	5	100.0	0.0	0.0	2.48	3.3	e
4 Other methods	5	100.0	0.0	0.0	2.44	6.5	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Complement C4

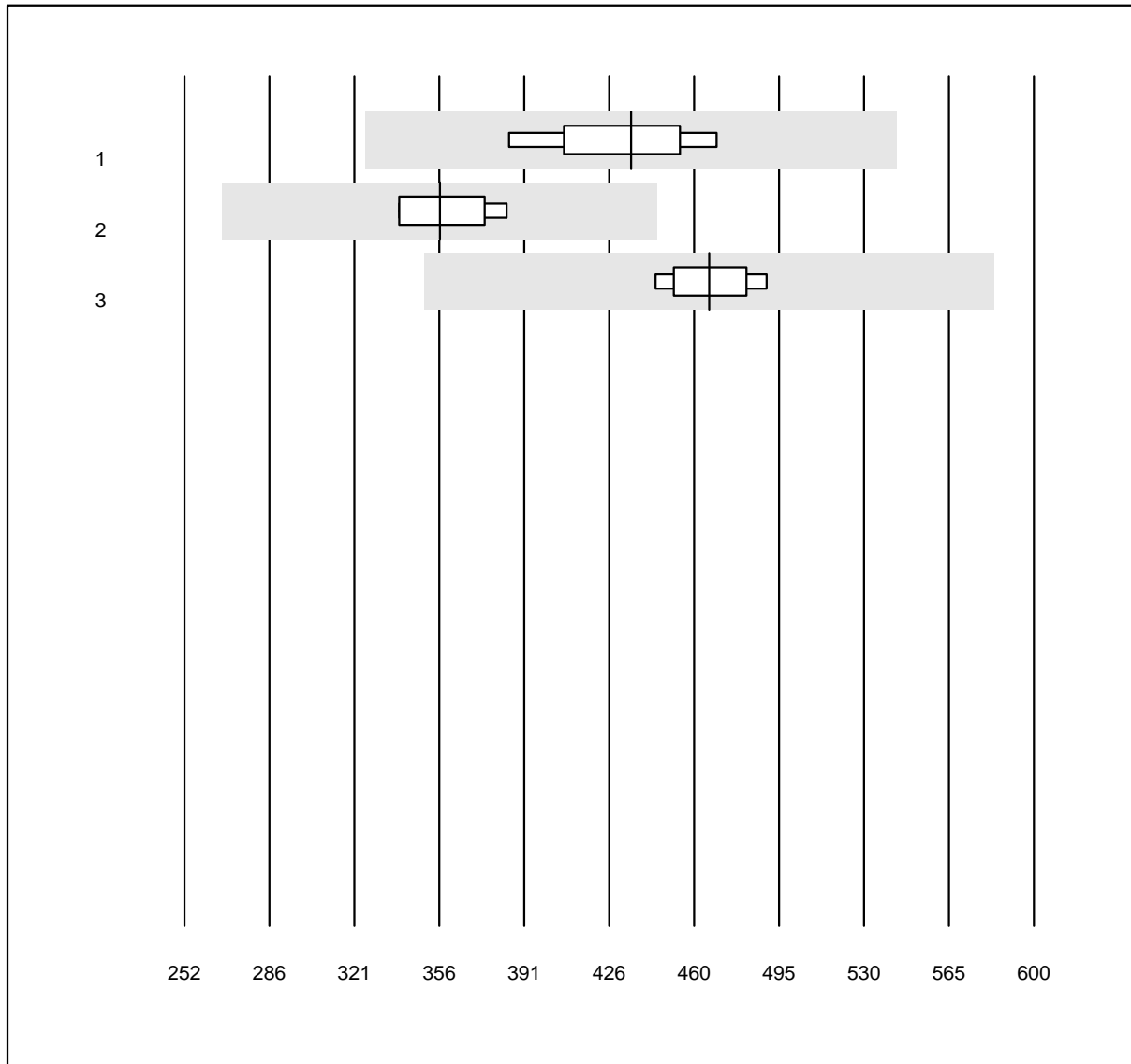


QUALAB Toleranz: 15%

Complement C4 (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	7	85.7	14.3	0.0	0.43	7.4	e*
2 Siemens	5	100.0	0.0	0.0	0.52	1.7	e
3 Alinity	4	100.0	0.0	0.0	0.51	2.9	e
4 Other methods	7	85.7	14.3	0.0	0.43	8.5	e*

Ceruloplasmin

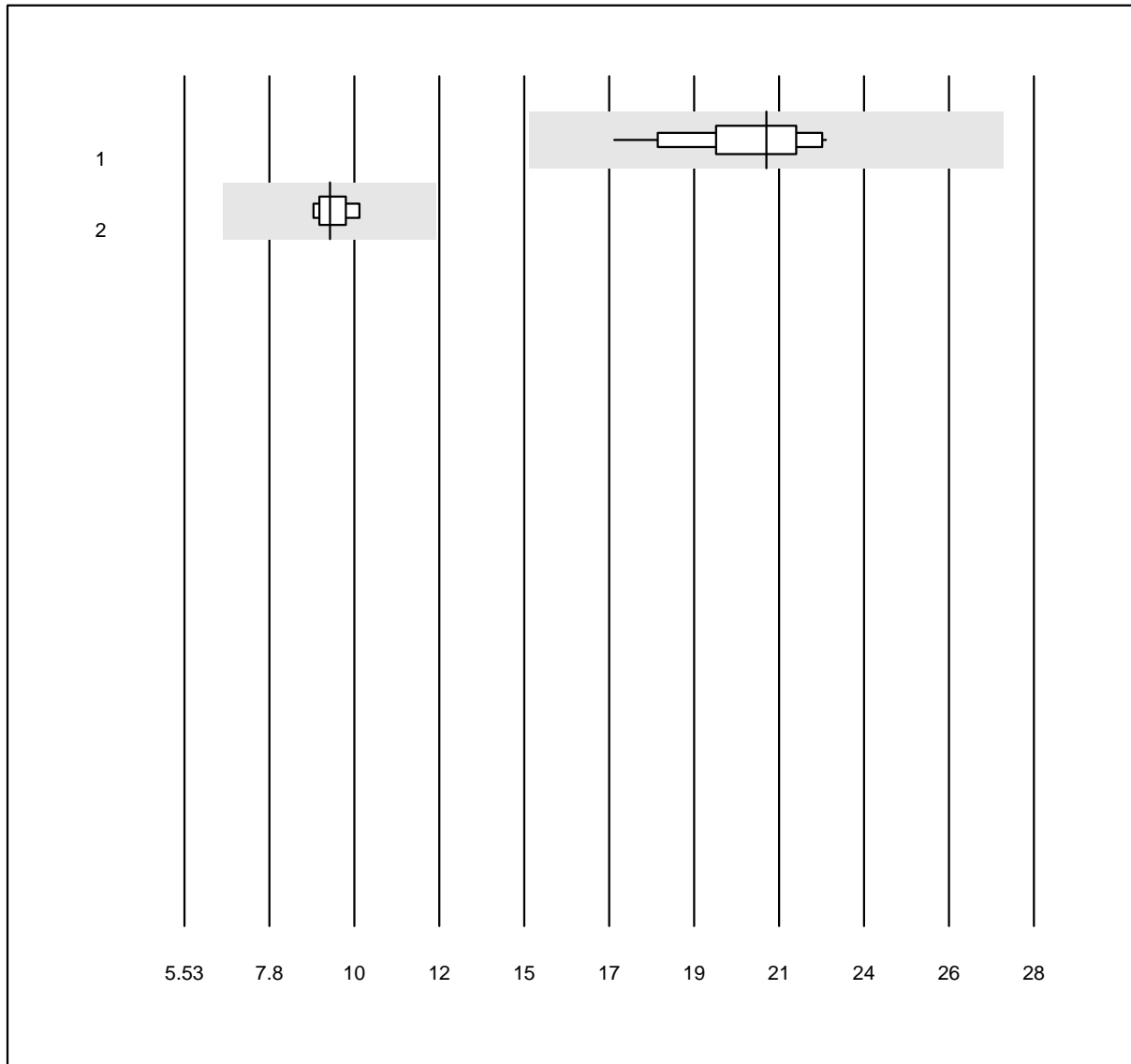


MQ Toleranz: 25%

Ceruloplasmin (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	4	100.0	0.0	0.0	435.00	5.8	e
2 Roche	5	100.0	0.0	0.0	356.67	5.0	e
3 Siemens	4	100.0	0.0	0.0	467.00	3.3	e

free light chain kappa

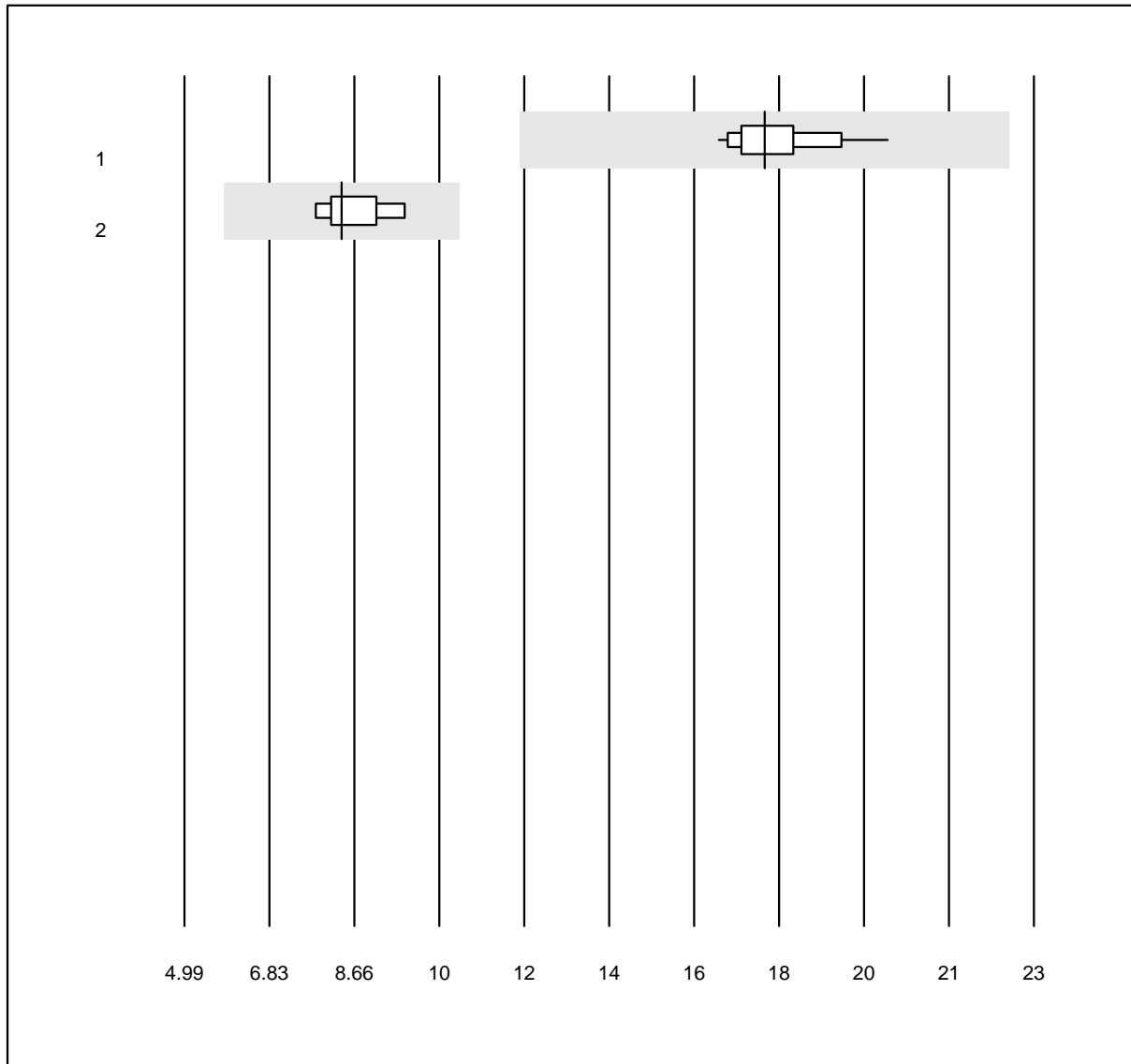


QUALAB Toleranz: 30%

free light chain kappa (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Freelite	14	100.0	0.0	0.0	20.92	7.3	e
2 N Latex	7	100.0	0.0	0.0	9.38	4.4	e

free light chain lambda

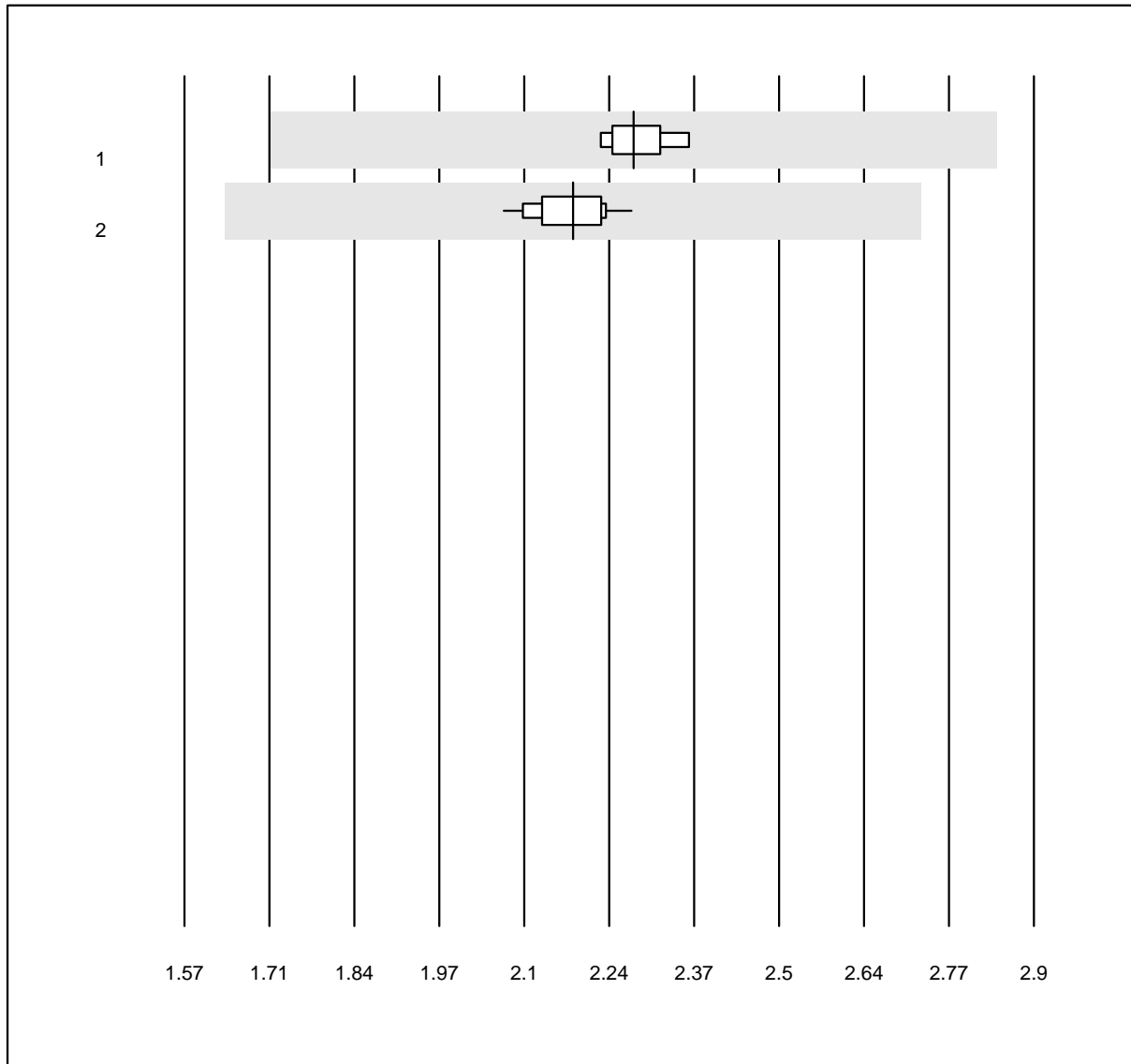


QUALAB Toleranz: 30%

free light chain lambda
(mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Freelite	14	100.0	0.0	0.0	17.29	5.1	e
2 N Latex	7	100.0	0.0	0.0	8.32	7.2	e

Haptoglobin



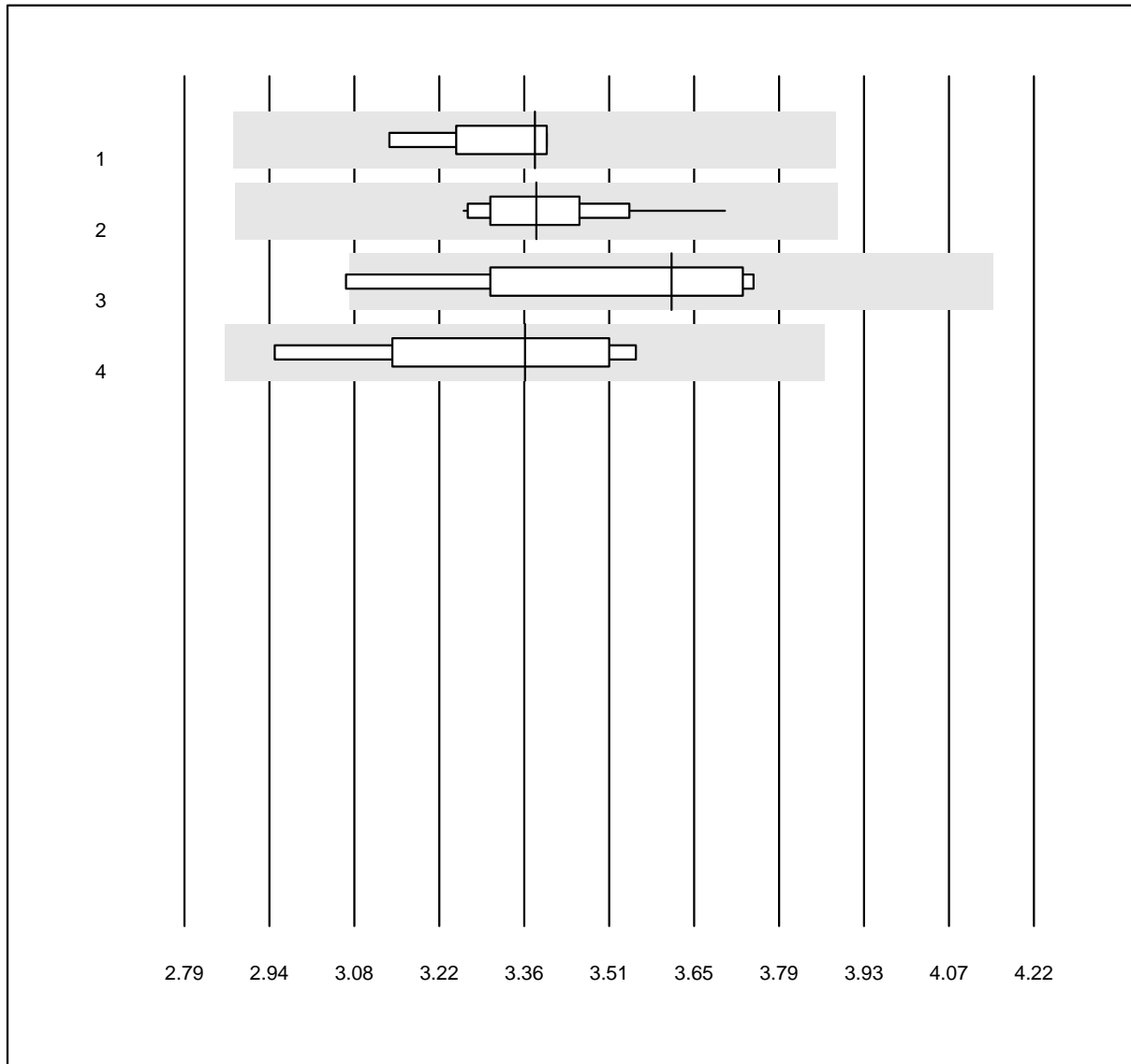
MQ Toleranz: 25%

Haptoglobin (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	2.27	1.8	e
2 Roche	22	100.0	0.0	0.0	2.18	2.4	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

IgA

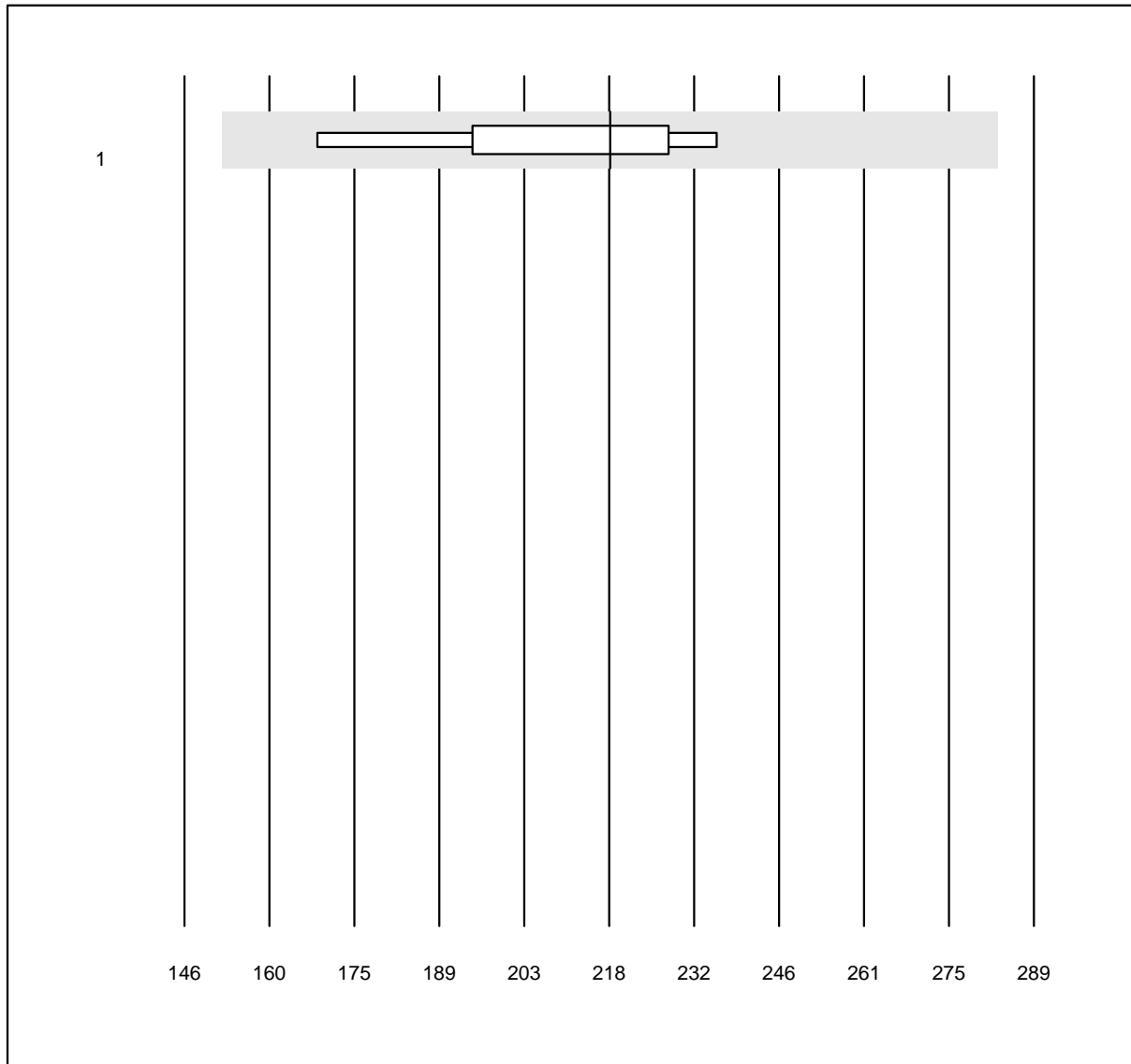


QUALAB Toleranz: 15%

IgA (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	4	100.0	0.0	0.0	3.38	2.7	e
2 Roche	16	100.0	0.0	0.0	3.38	3.2	e
3 Siemens	5	100.0	0.0	0.0	3.61	6.8	e*
4 Other methods	5	100.0	0.0	0.0	3.36	6.0	e*

IgE



QUALAB Toleranz: 30%

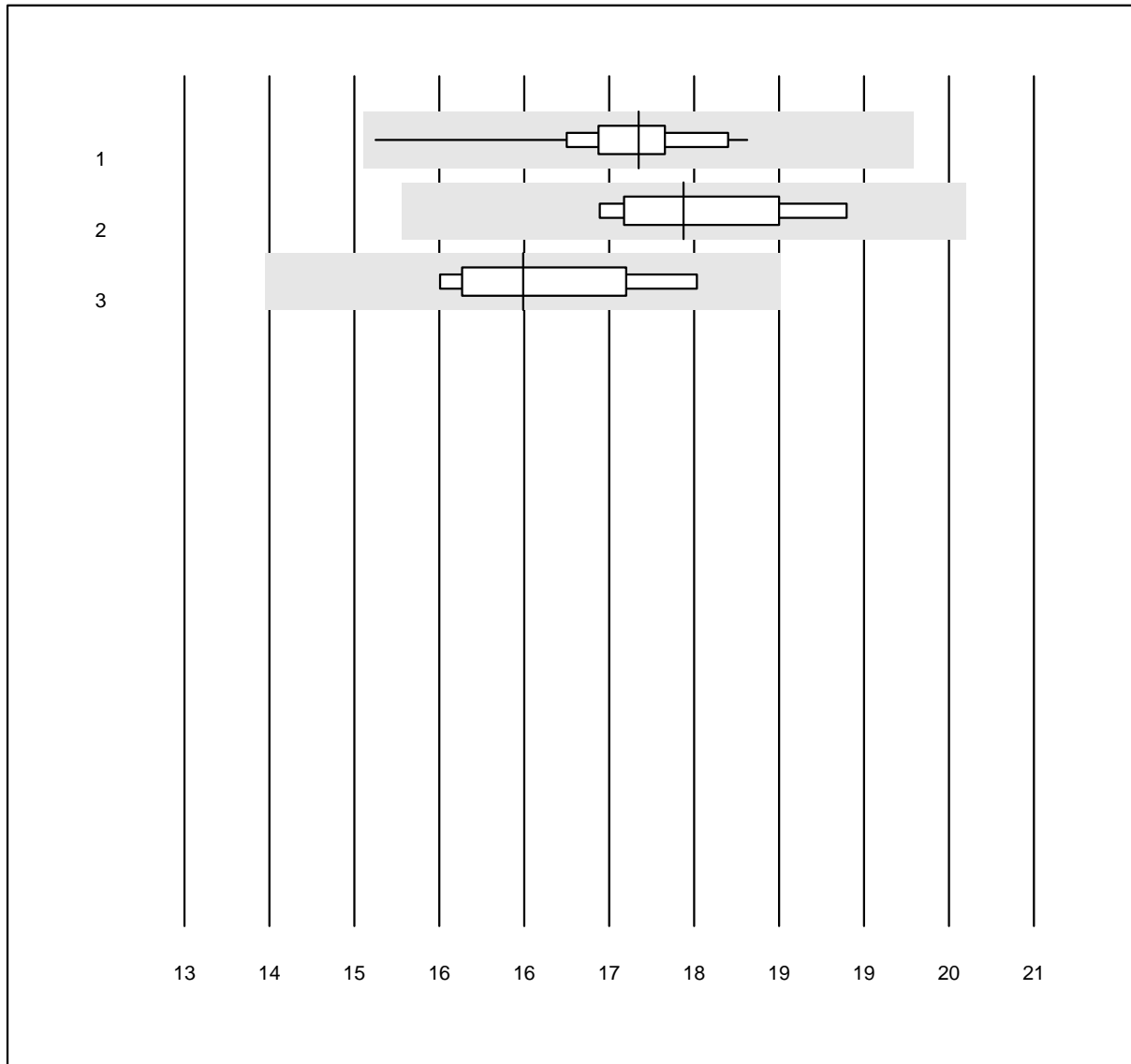
IgE (kU/L)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Roche	5	100.0	0.0	0.0	218	9.5	e*

3 additional results were submitted but not published because the method groups were too small. (< results per group)

I02 Plasmaproteins

IgG



QUALAB Toleranz: 15%

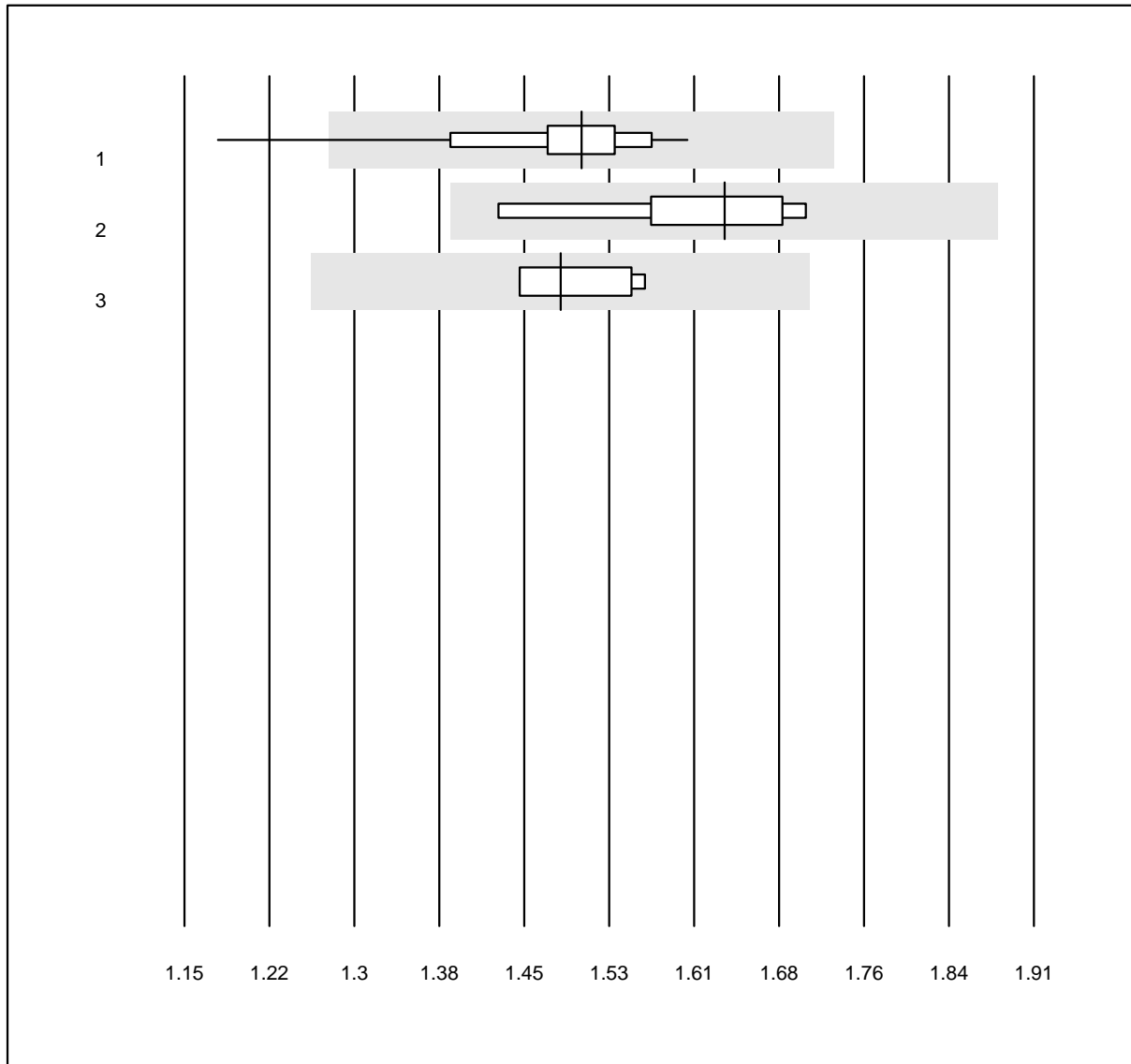
IgG (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	18	100.0	0.0	0.0	17.28	4.2	e
2 Siemens	7	100.0	0.0	0.0	17.70	4.5	e
3 Other methods	5	100.0	0.0	0.0	16.19	5.1	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

I02 Plasmaproteins

IgM

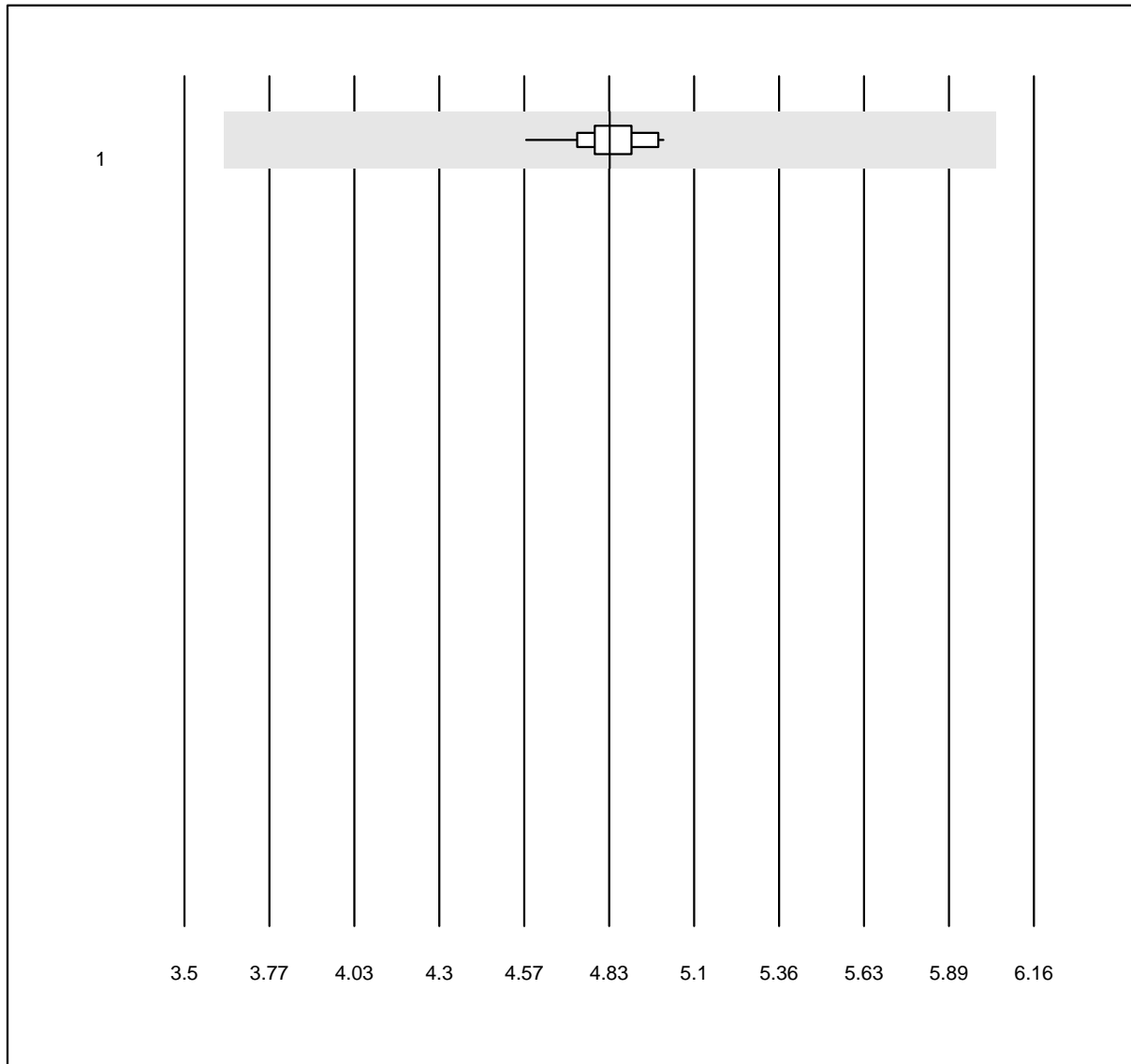


QUALAB Toleranz: 15%

IgM (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	17	94.1	5.9	0.0	1.51	6.0	e
2 Siemens	7	85.7	0.0	14.3	1.63	5.2	e*
3 Turbidimetry	7	100.0	0.0	0.0	1.49	3.0	e

Soluble transferrin receptor



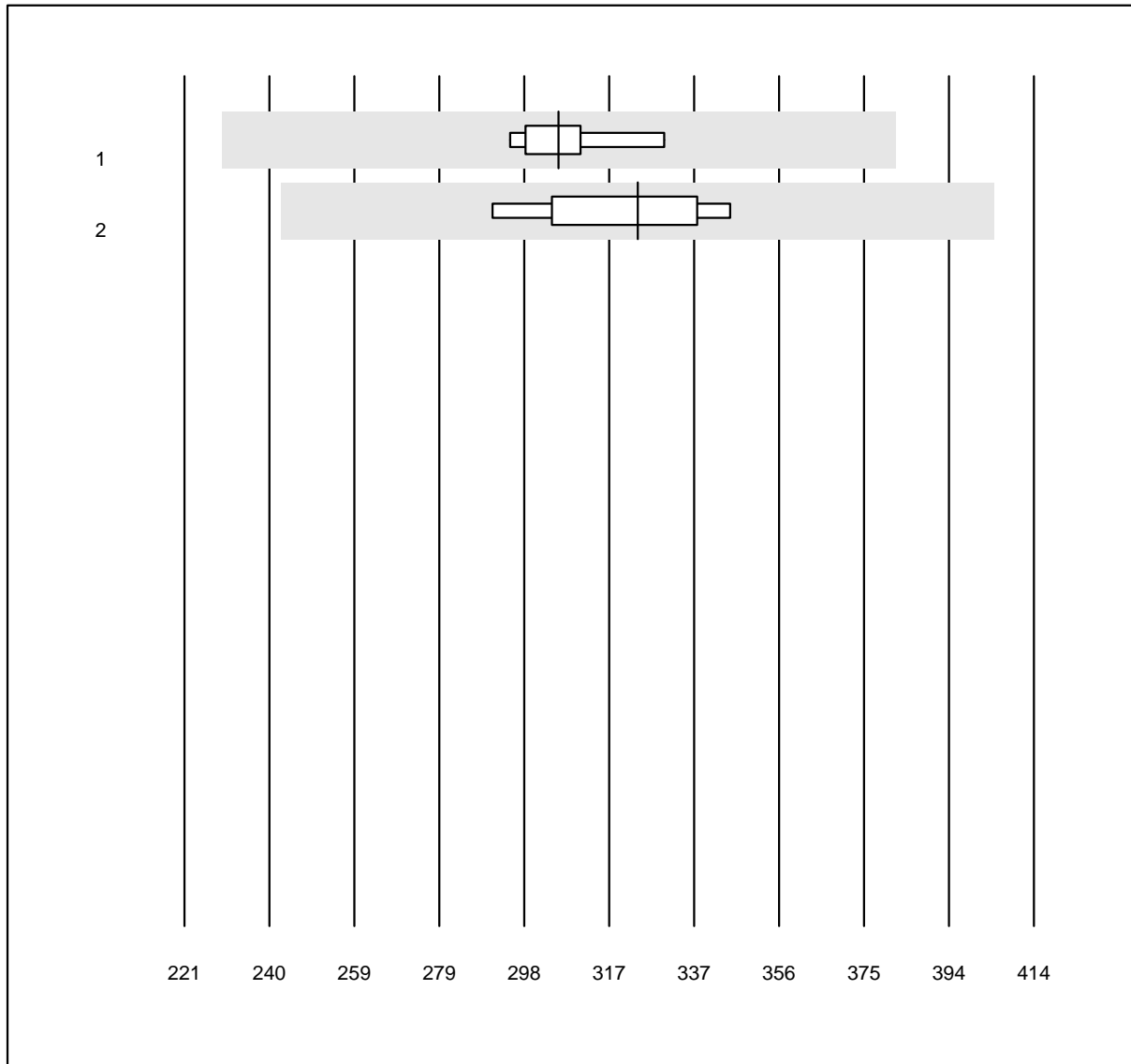
MQ Toleranz: 25%

Soluble transferrin receptor
(mg/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Roche	17	100.0	0.0	0.0	4.8	2.0	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Prealbumin



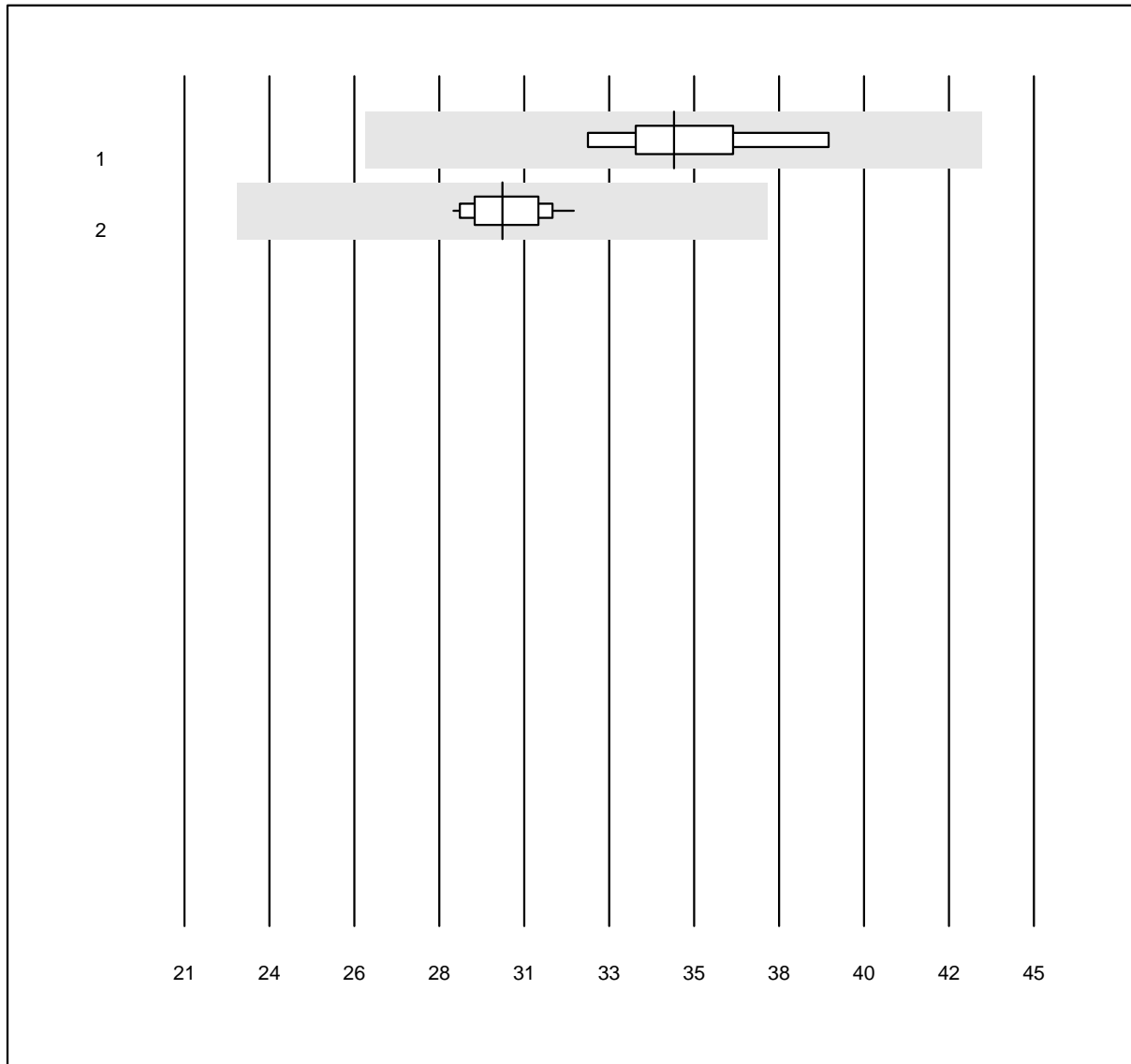
MQ Toleranz: 25%

Prealbumin (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	9	100.0	0.0	0.0	306.00	3.4	e
2 all Participants	4	100.0	0.0	0.0	324.00	5.3	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Rheumatoid factor



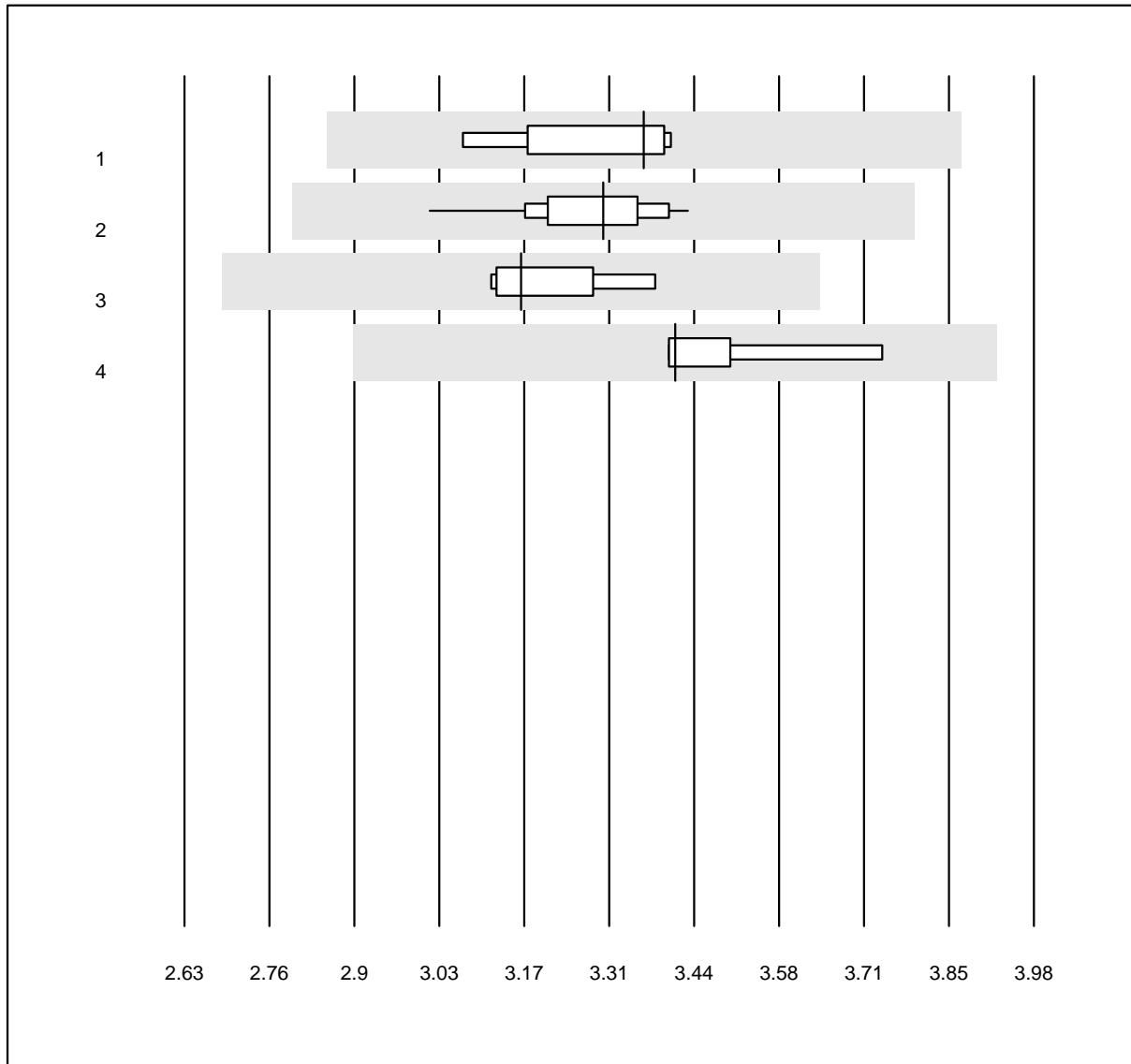
MQ Toleranz: 25%

Rheumatoid factor (U/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	34.8	5.2	e
2 Roche	15	100.0	0.0	0.0	30.0	3.1	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Transferrin

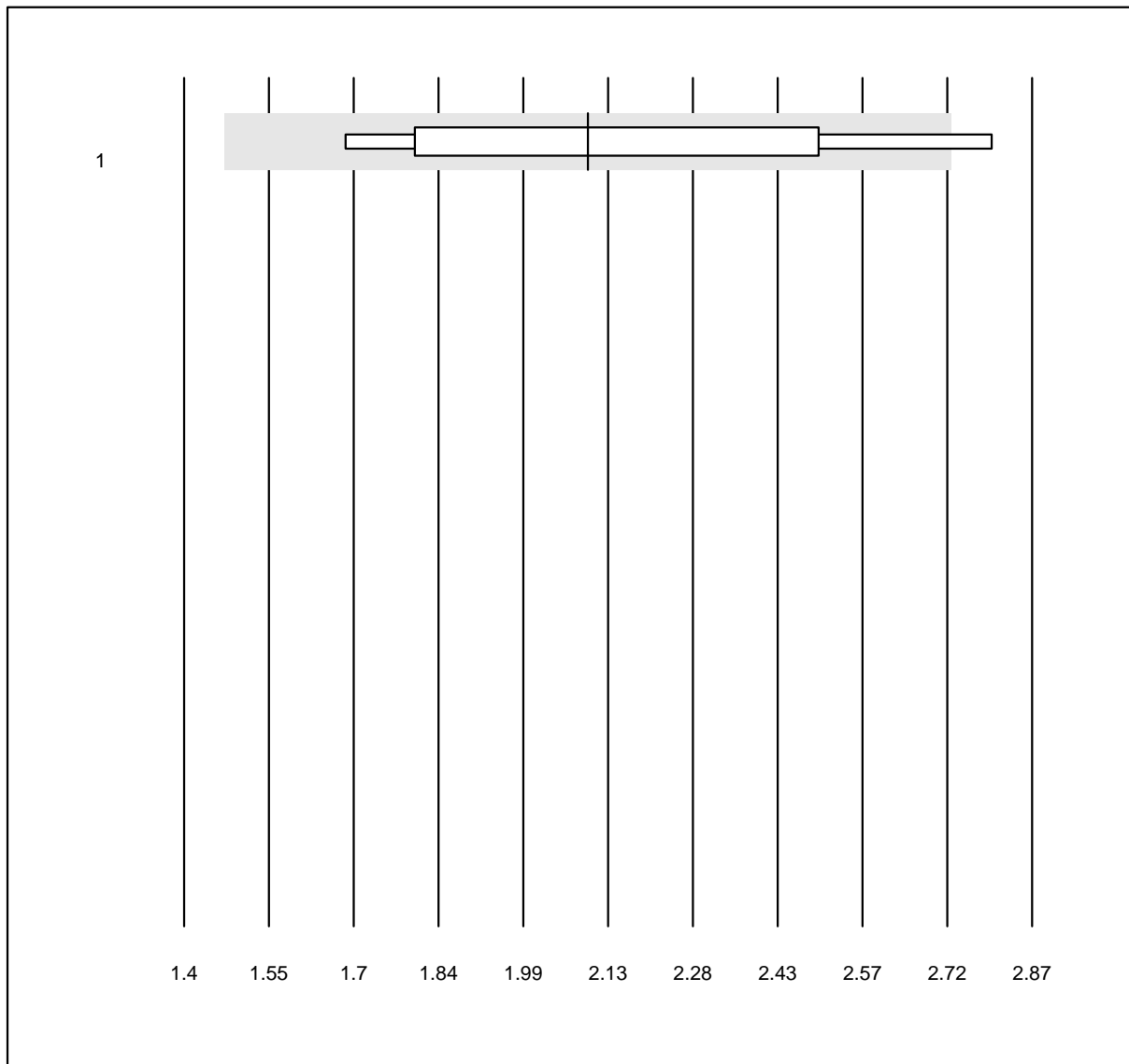


QUALAB Toleranz: 15%

Transferrin (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	6	100.0	0.0	0.0	3.36	3.7	e
2 Roche	30	100.0	0.0	0.0	3.30	2.9	e
3 Siemens	6	100.0	0.0	0.0	3.17	2.8	e
4 Other methods	6	100.0	0.0	0.0	3.41	3.1	e

D1 Derm. pteronyssinus

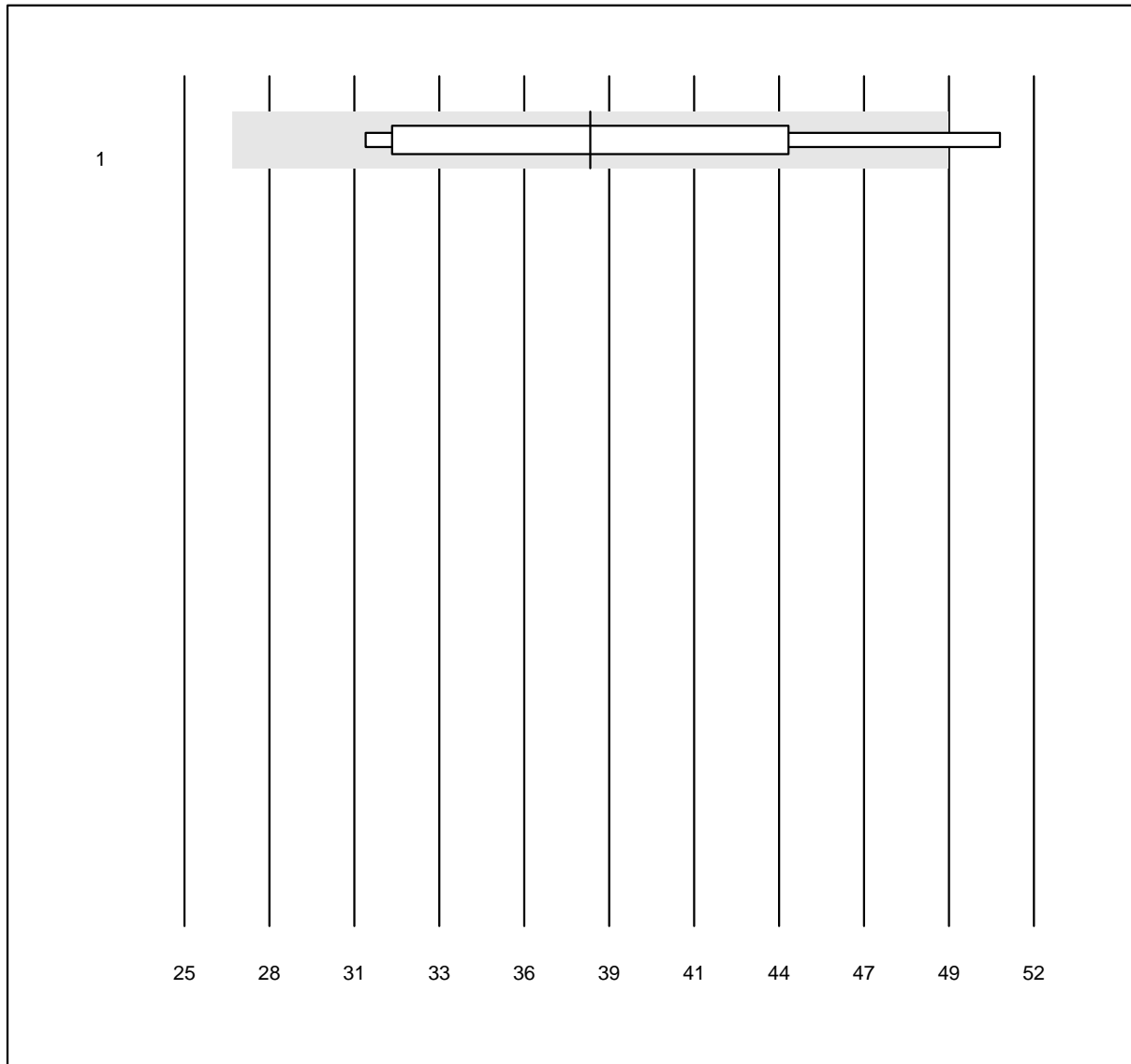


QUALAB Toleranz: 30%

D1 Derm. pteronyssinus
(kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 AllergyScreen	5	60.0	0.0	40.0	2.10	17.2	e*

D2 Derm. farinae

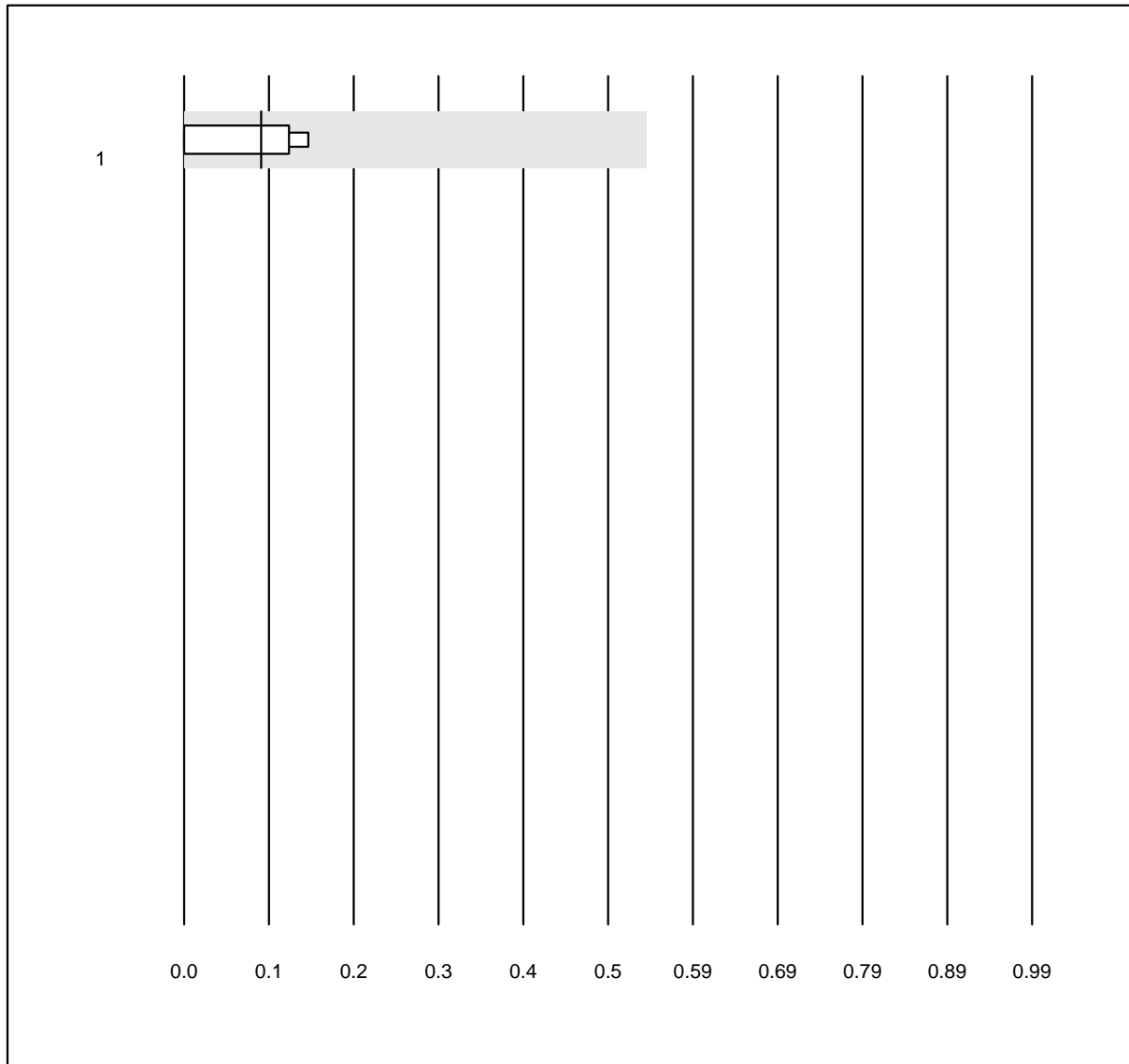


MQ Toleranz: 30%

D2 Derm. farinae (kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 AllergyScreen	4	75.0	0.0	25.0	37.90	19.0	a*

E1 Cat

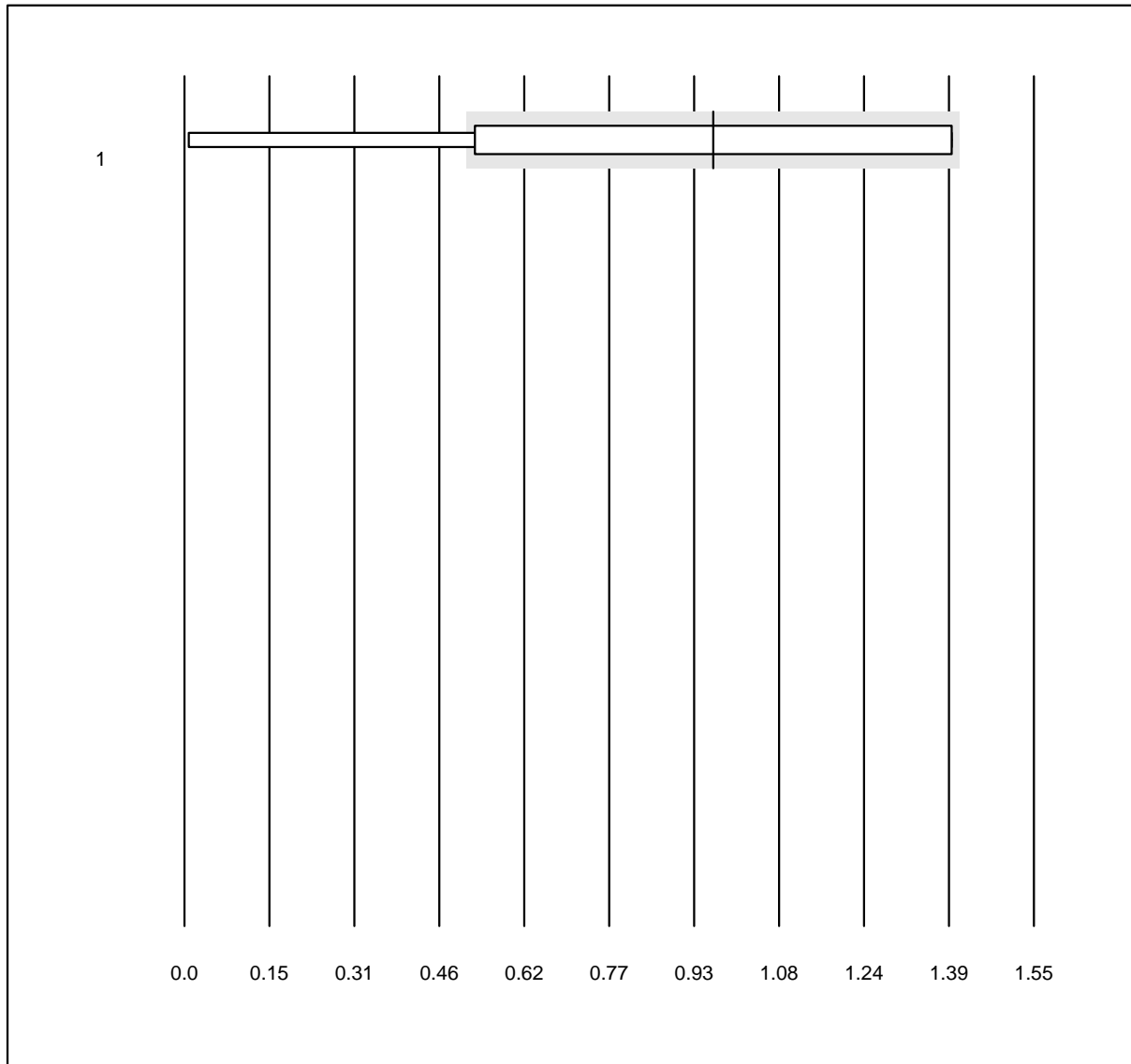


QUALAB Toleranz: 30%
(< 1.5: +/- 0.45 kU/L)

E1 Cat (kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 AllergyScreen	4	100.0	0.0	0.0	0.09	117.4 a

E5 Dog

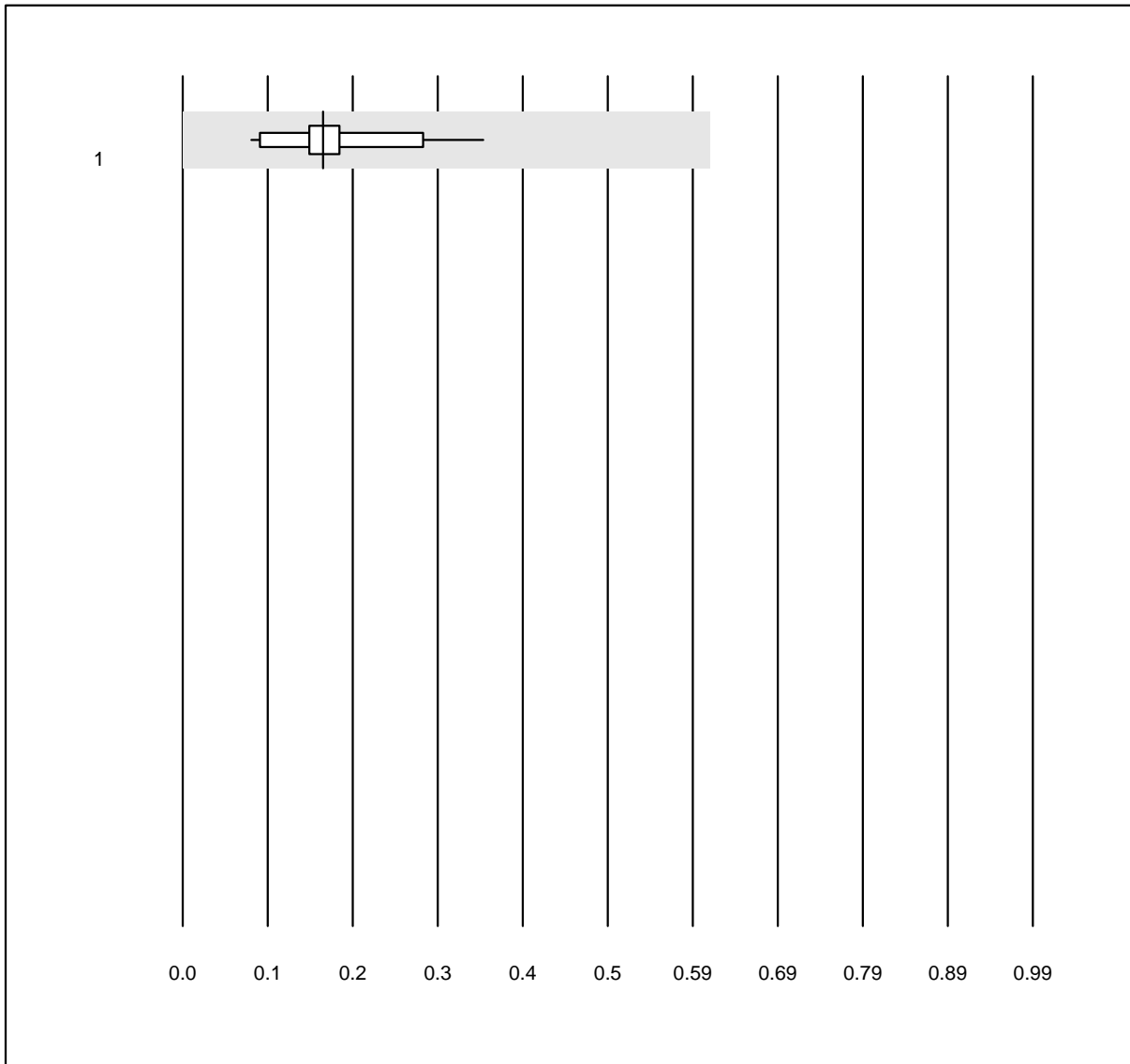


MQ Toleranz: 30%
(< 1.5: +/- 0.45 kU/L)

E5 Dog (kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 AllergyScreen	4	75.0	0.0	25.0	0.96	45.3 e*

IgE birch qn



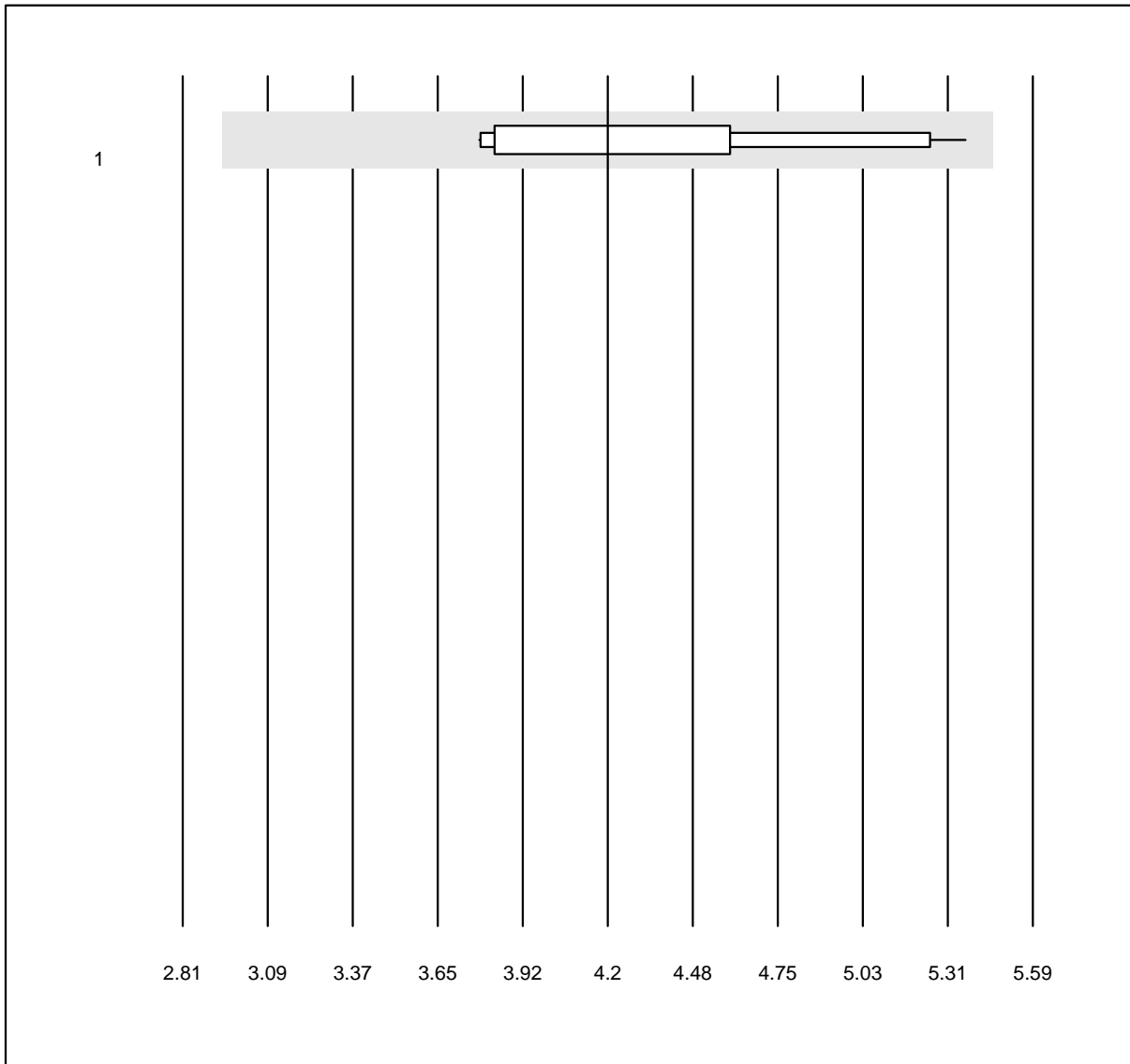
QUALAB Toleranz: 30%
(< 1.5: +/- 0.45 kU/L)

IgE birch qn (kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	14	100.0	0.0	0.0	0.16	36.3	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

IgE D. pteronyssinus qn



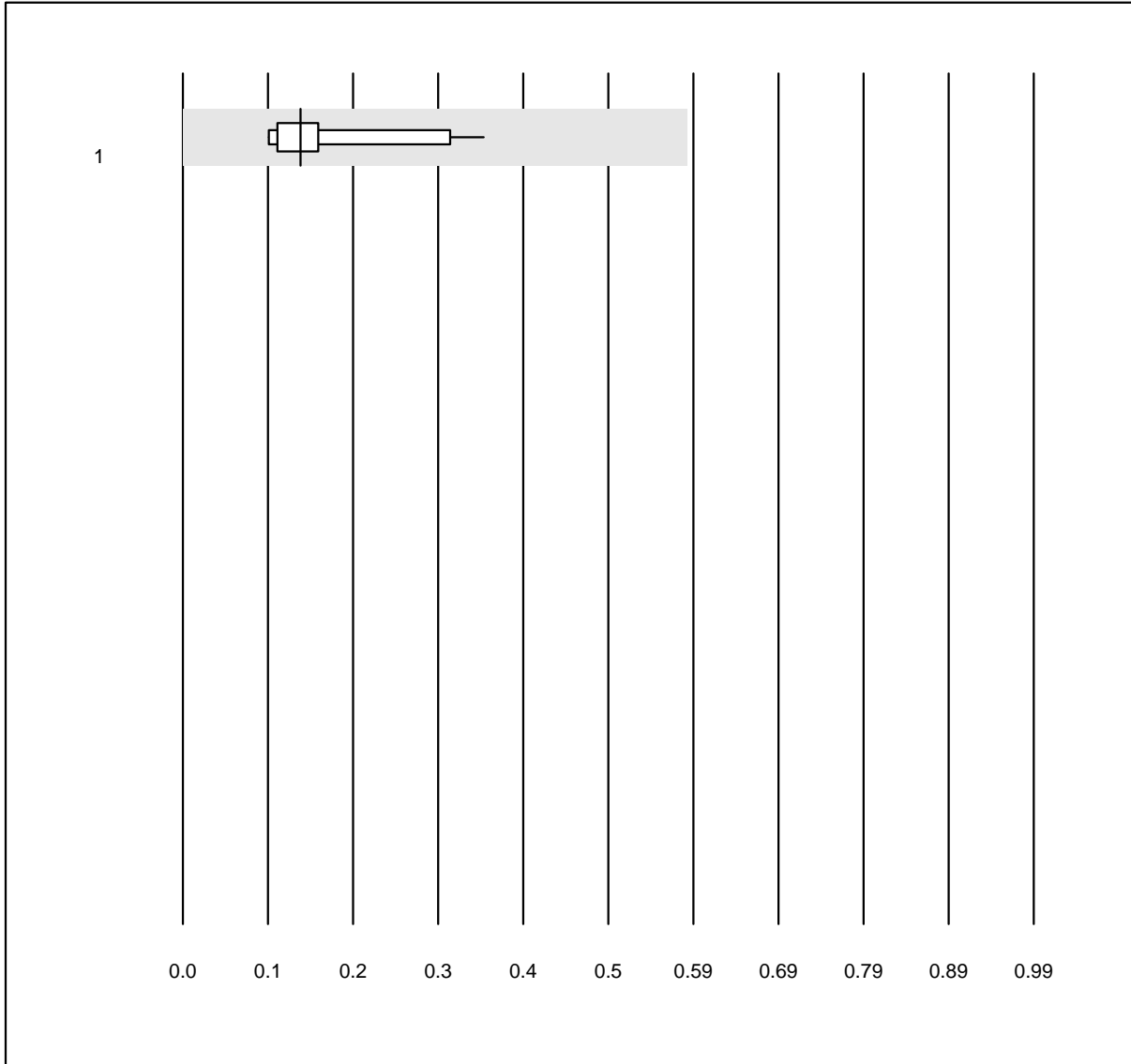
QUALAB Toleranz: 30%

IgE D. pteronyssinus qn
(kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	11	100.0	0.0	0.0	4.20	12.4	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

IgE peanut qn

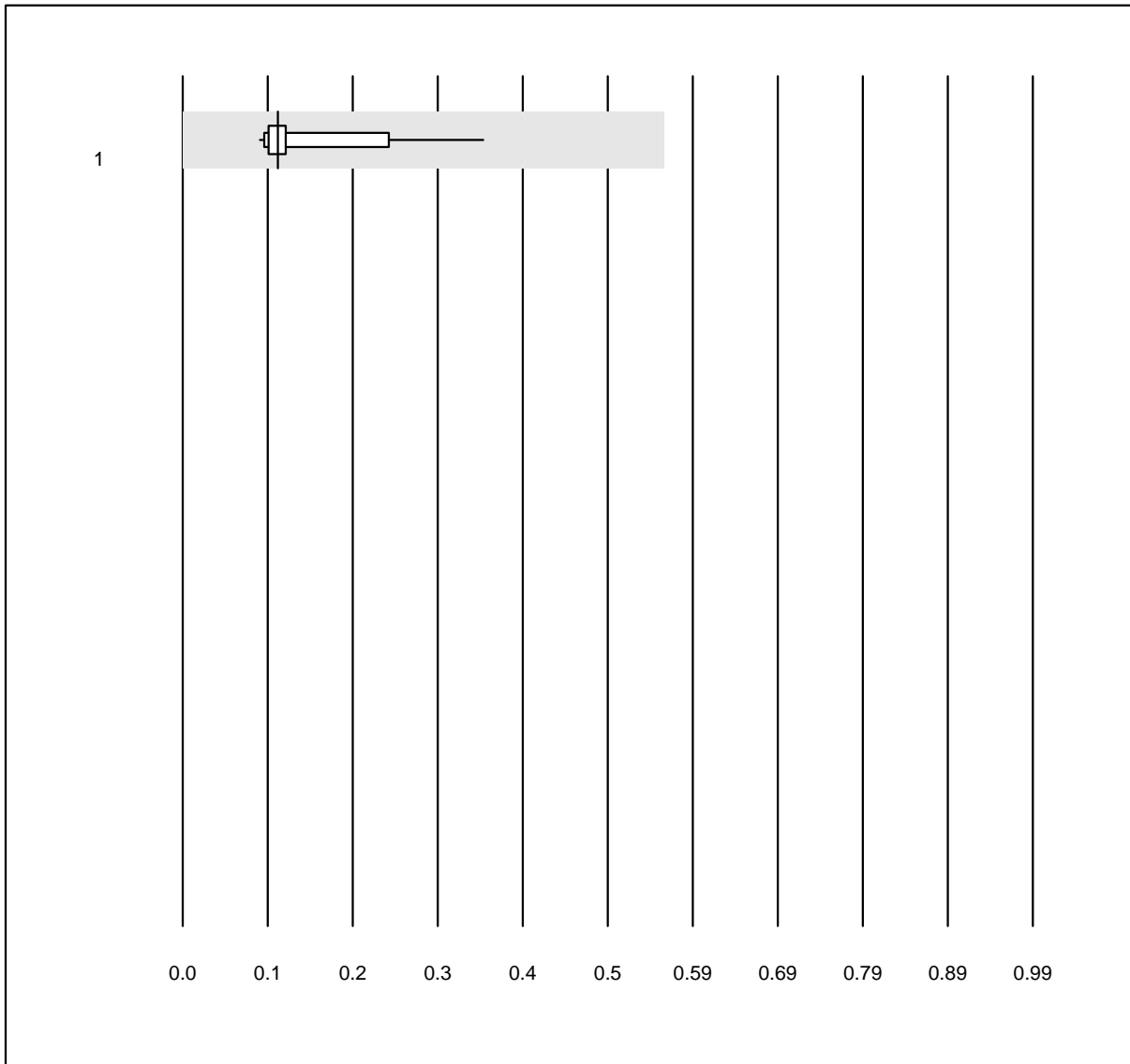


MQ Toleranz: 30%
(< 1.5: +/- 0.45 kU/L)

IgE peanut qn (kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	12	100.0	0.0	0.0	0.14	46.3	e
1 additional results were submitted but not published because the method groups were too small. (< results per group)							

IgE cat qn



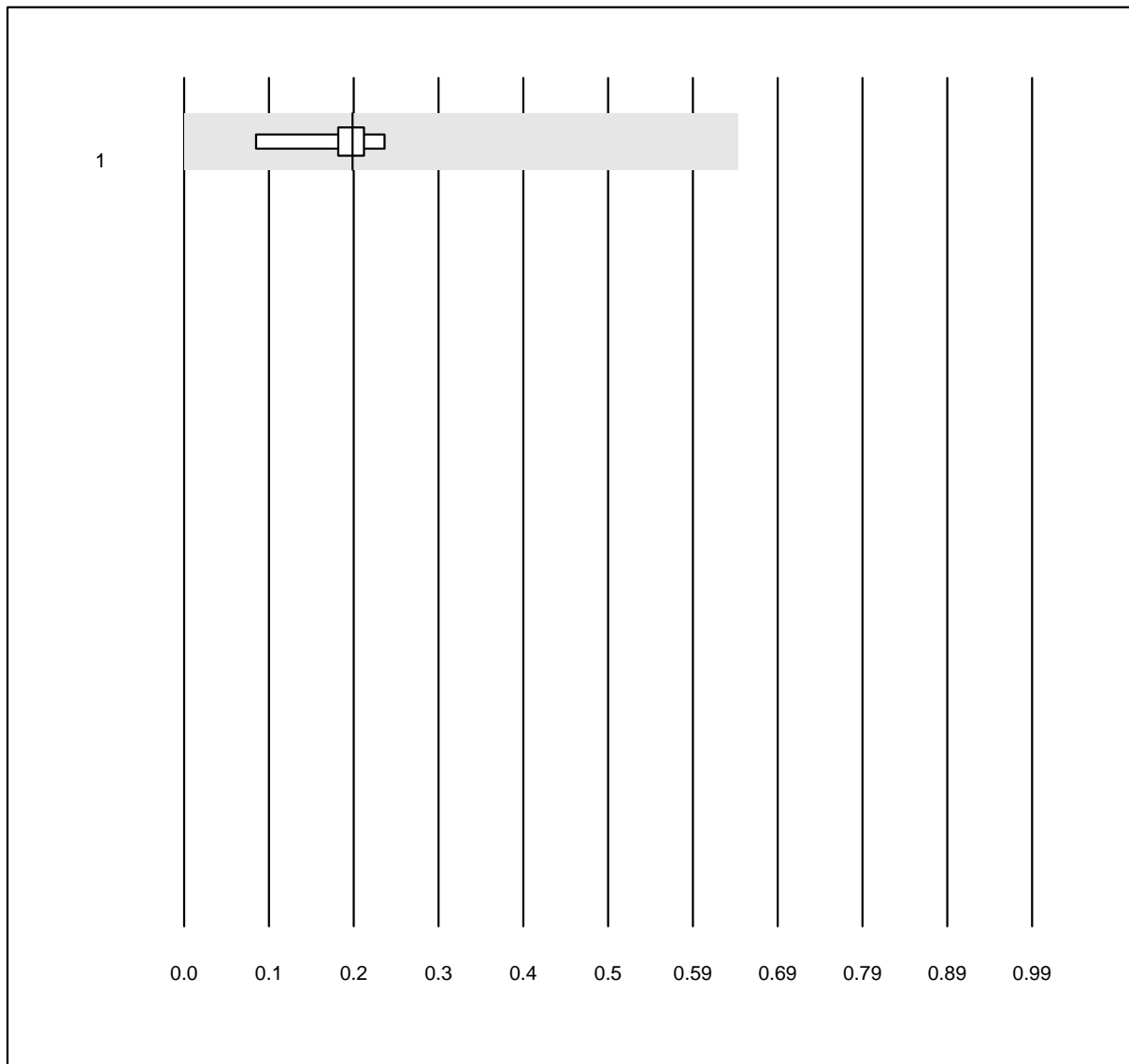
QUALAB Toleranz: 30%
(< 1.5: +/- 0.45 kU/L)

IgE cat qn (kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 all Participants	14	100.0	0.0	0.0	0.11	51.6 e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

IgE fx5 qn

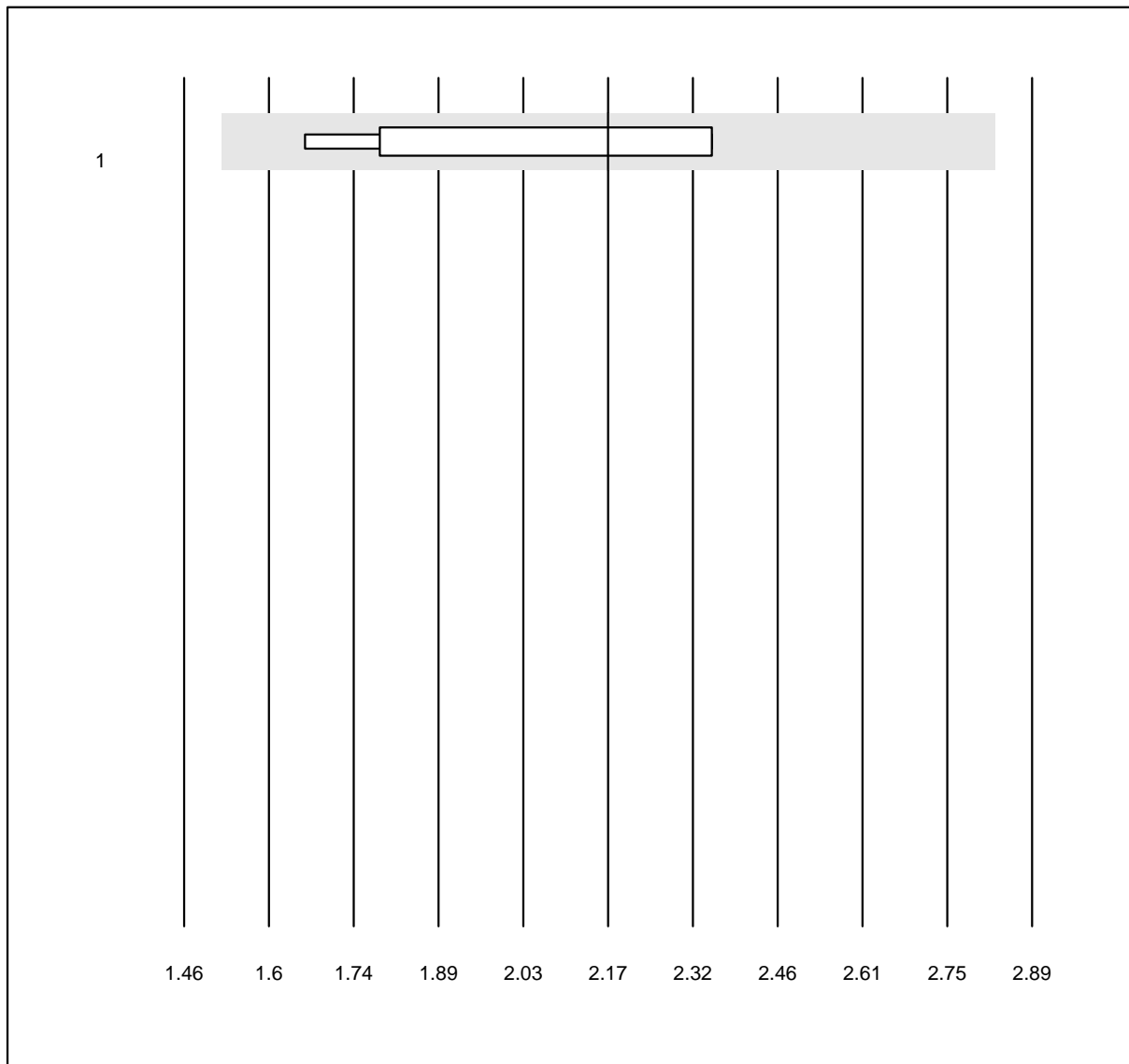


MQ Toleranz: 30%
(< 1.5: +/- 0.45 kU/L)

IgE fx5 qn (kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 all Participants	7	100.0	0.0	0.0	0.20	22.6 e

IgE rx1qn

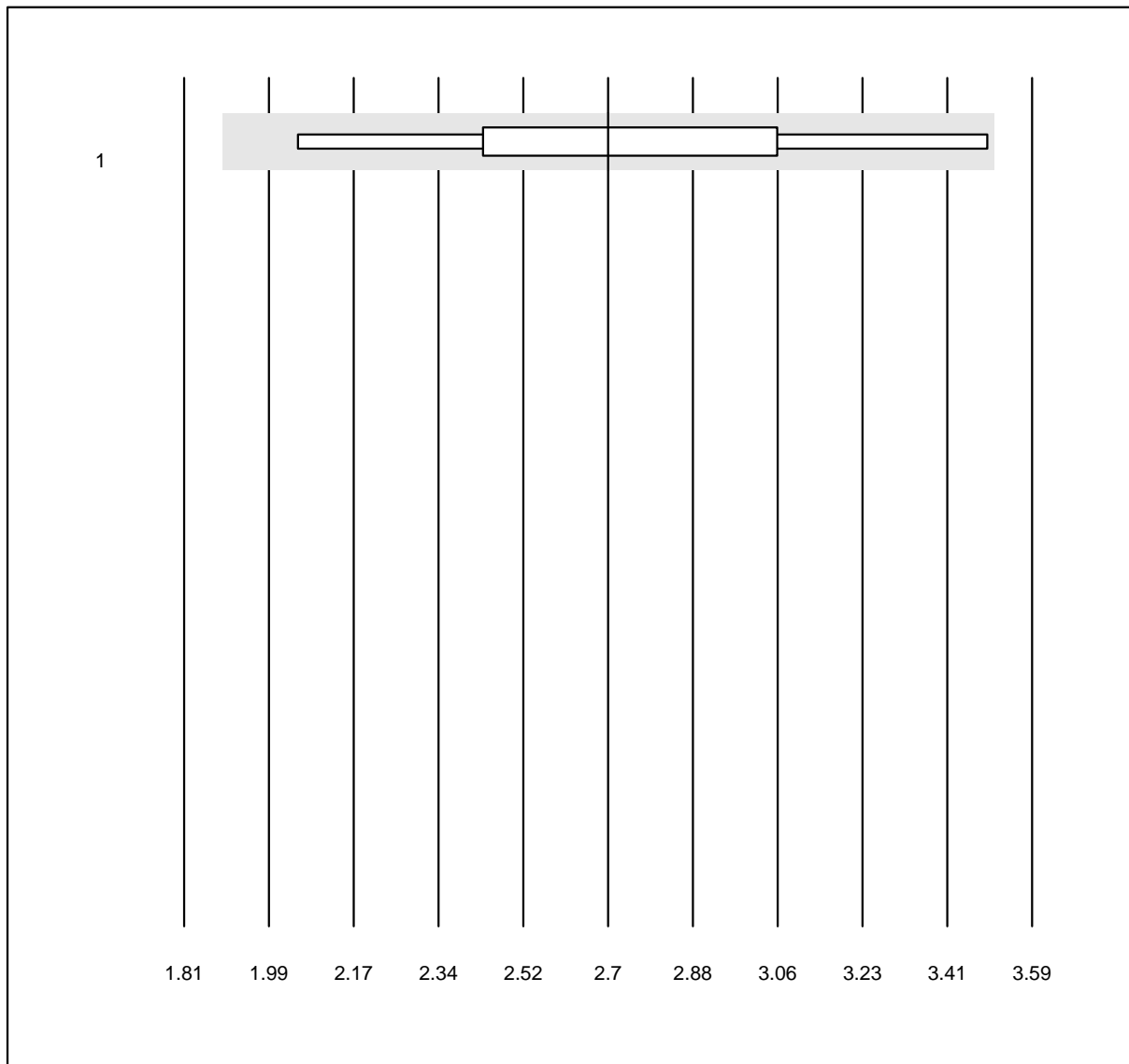


MQ Toleranz: 30%

IgE rx1qn (kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	6	100.0	0.0	0.0	2.17	13.5	e*

IgE rx2 qn

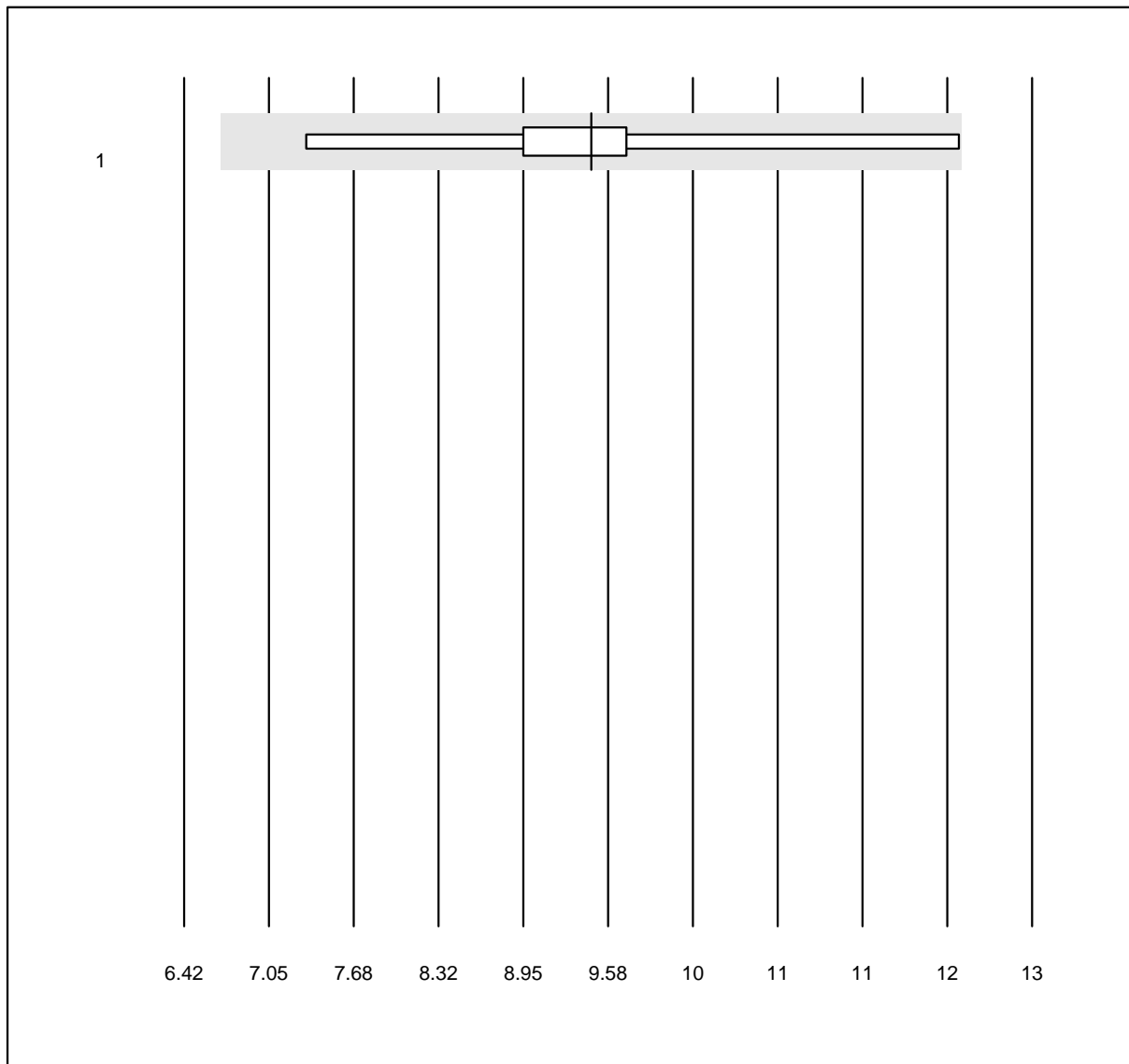


MQ Toleranz: 30%

IgE rx2 qn (kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 all Participants	6	100.0	0.0	0.0	2.70	14.9 e*

IgE sx1 qn

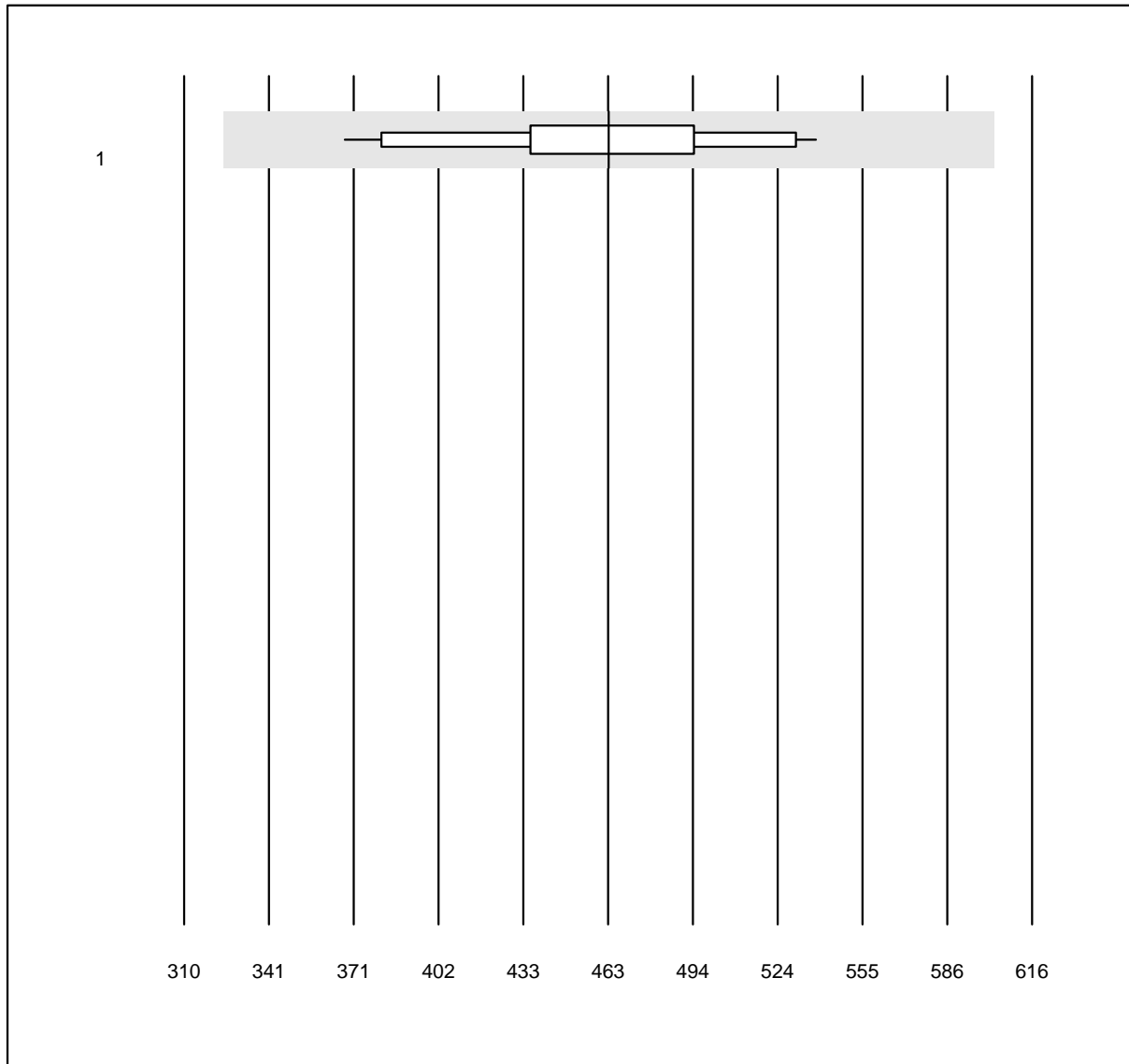


MQ Toleranz: 30%

IgE sx1 qn (kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 all Participants	8	100.0	0.0	0.0	9.58	13.5 e*

I03 Allergology

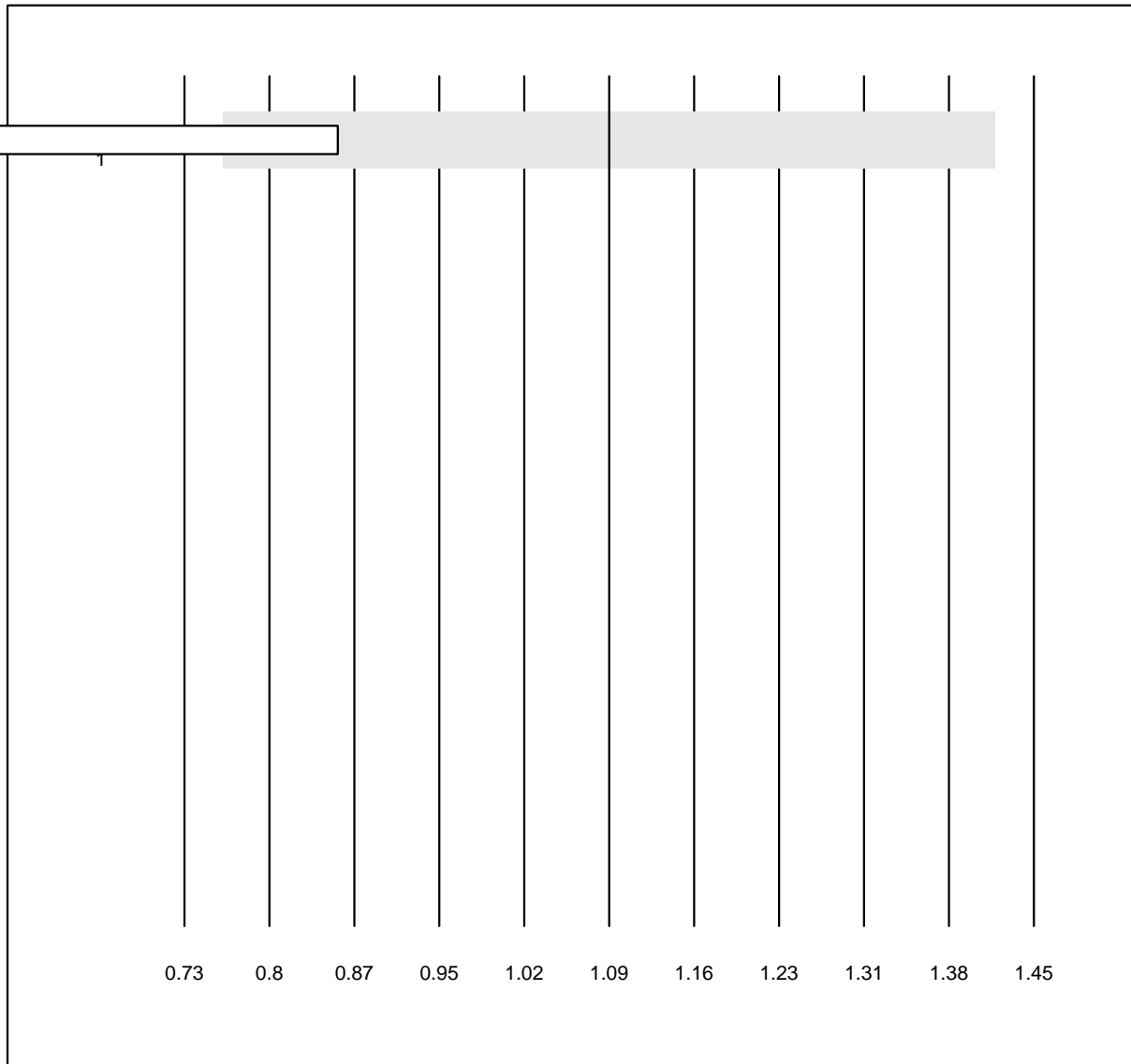


QUALAB Toleranz: 30%

(kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	15	100.0	0.0	0.0	463	10.2	e

T3 Birch

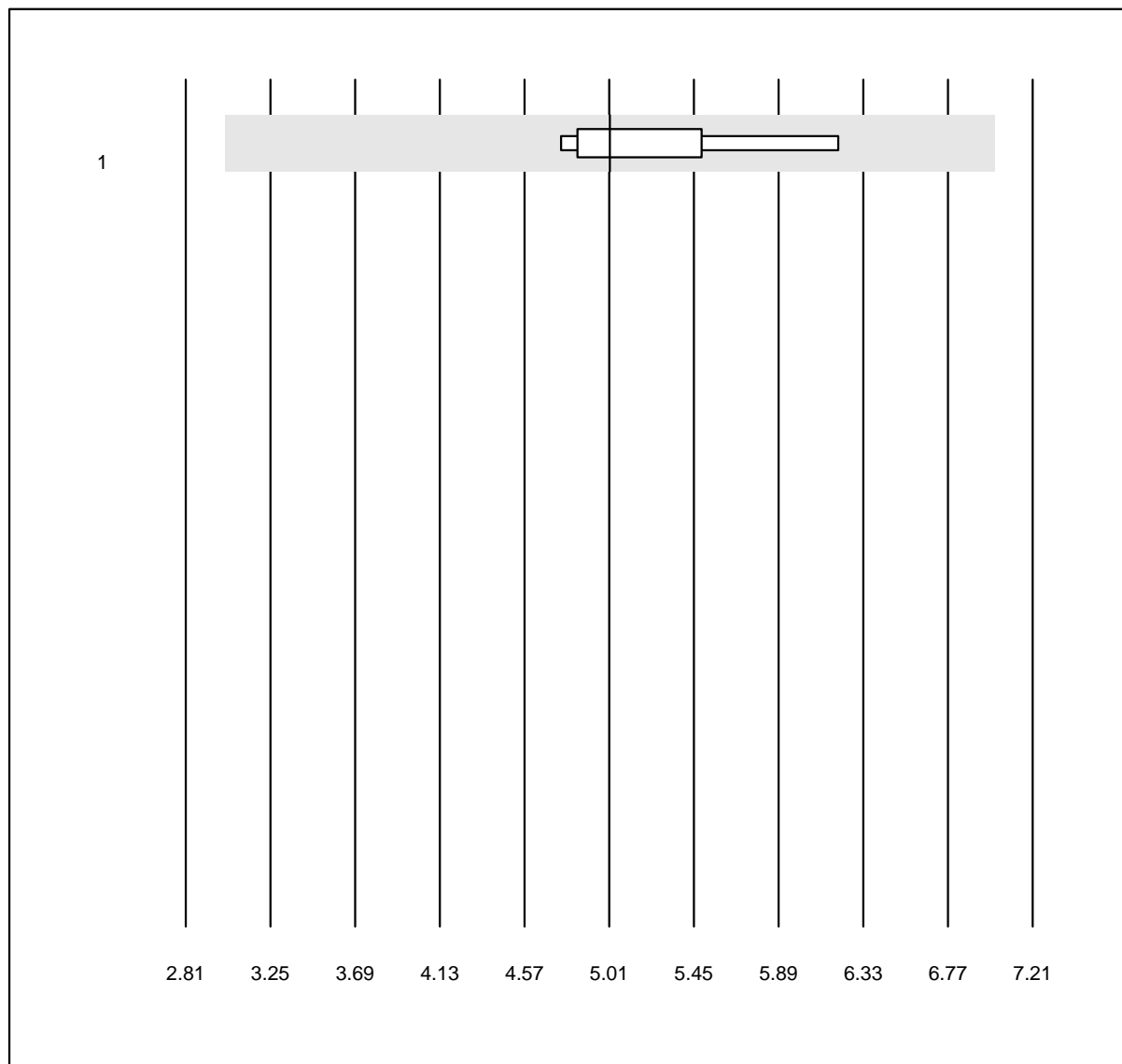


QUALAB Toleranz: 30%
(< 1.5: +/- 0.327 kU/L)

T3 Birch (kU/L)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 AllergyScreen	4	25.0	25.0	50.0	1.09	0.0	a*

CRP HS



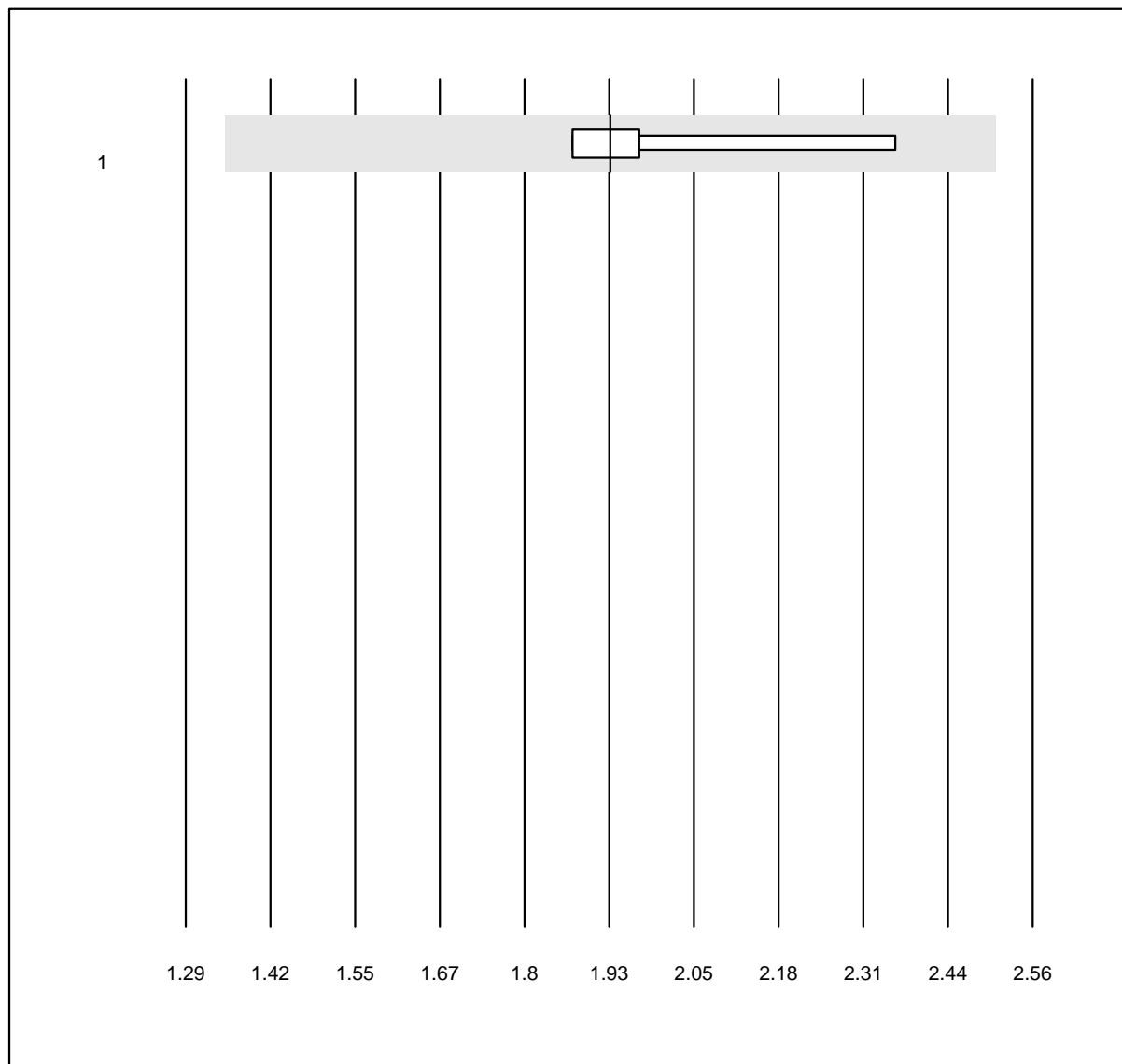
QUALAB Toleranz: 21%
(< 10.0: +/- 2.0 mg/l)

CRP HS (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Turbidimetry	9	100.0	0.0	0.0	5.01	9.5	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Apolipoprotein A1

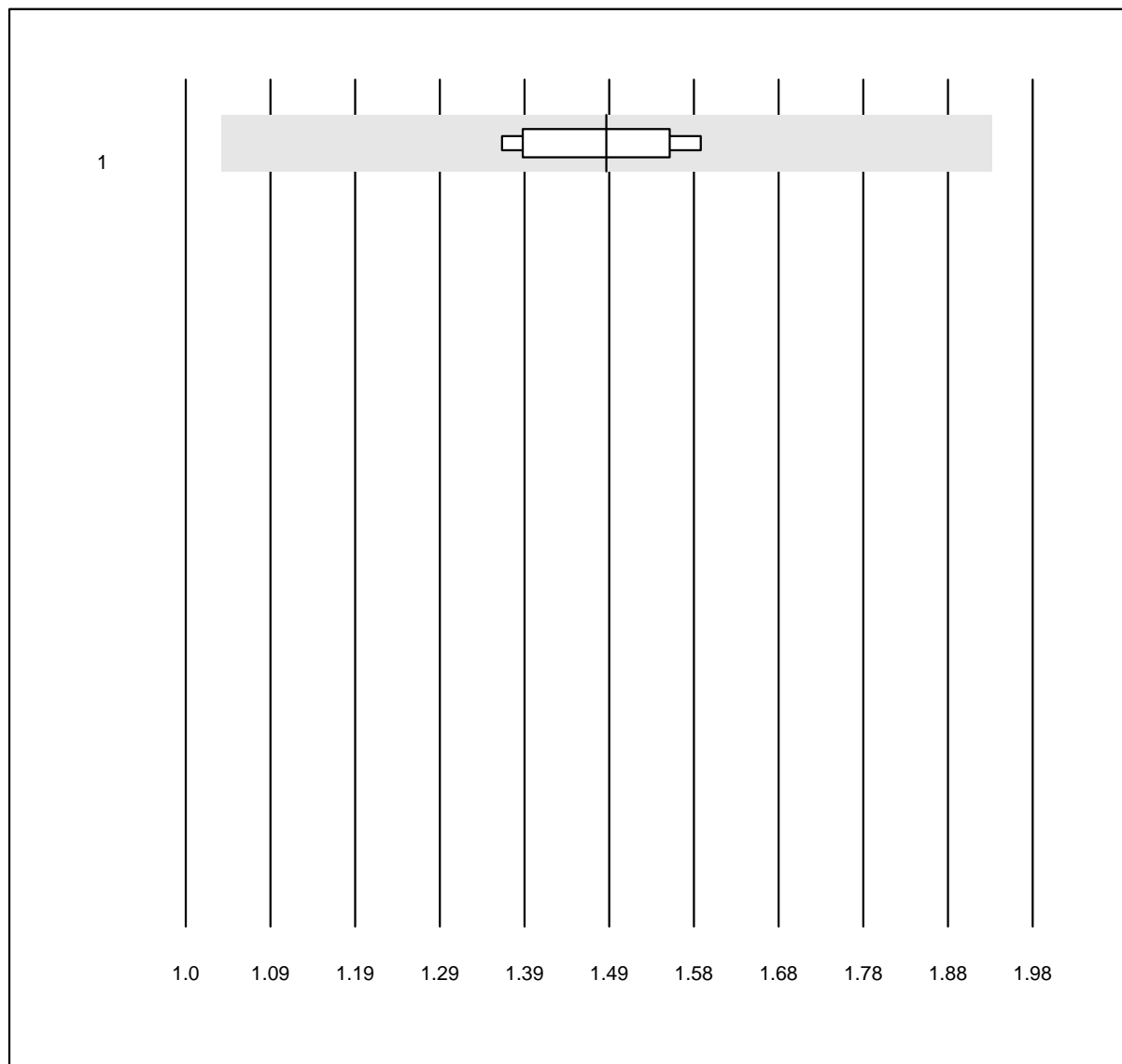


MQ Toleranz: 30%

Apolipoprotein A1 (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Alinity	7	100.0	0.0	0.0	1.93	7.5	e

Apolipoprotein B

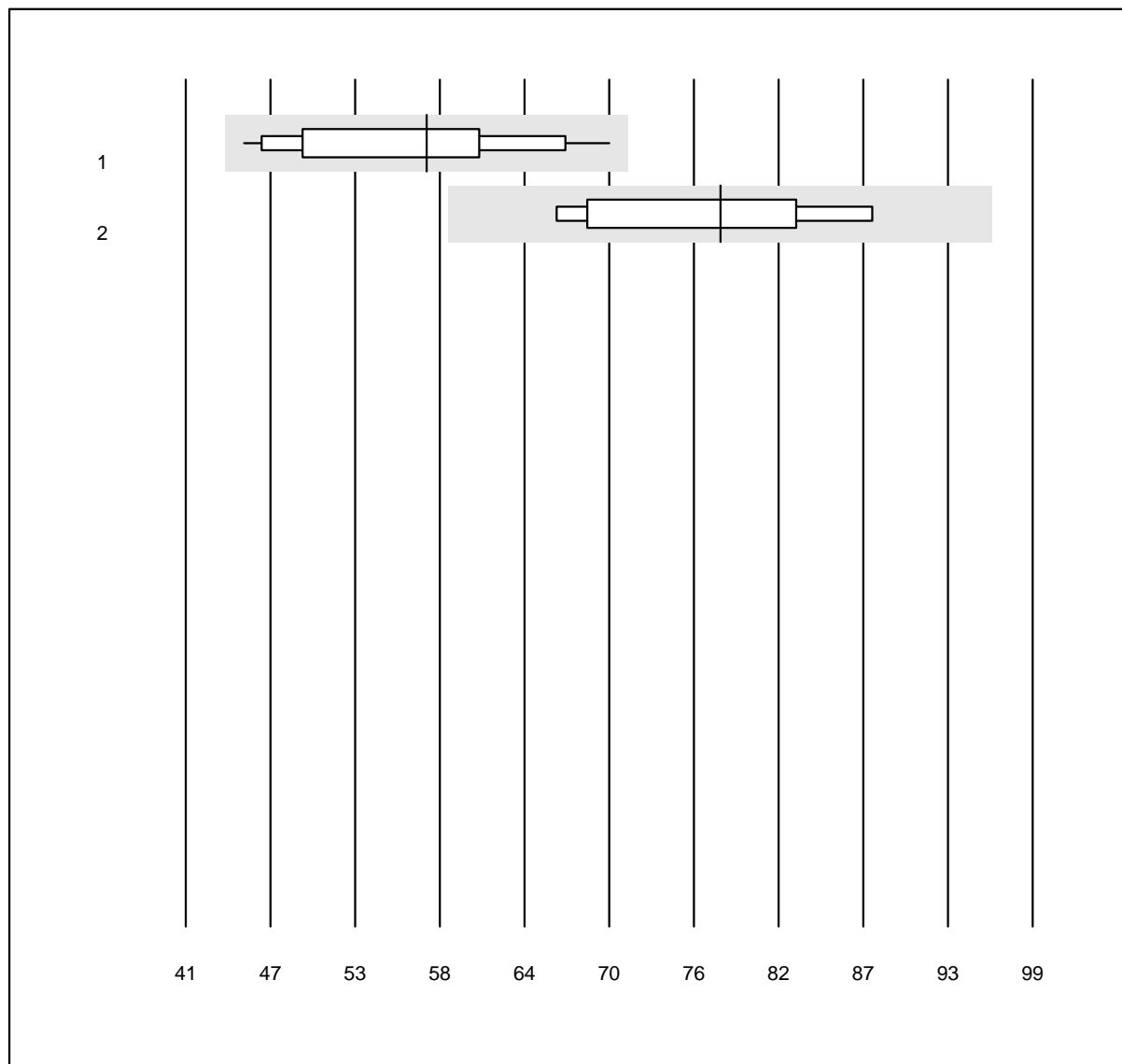


MQ Toleranz: 30%

Apolipoprotein B (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Alinity	7	100.0	0.0	0.0	1.5	5.5	e

Lipoprotein (a)

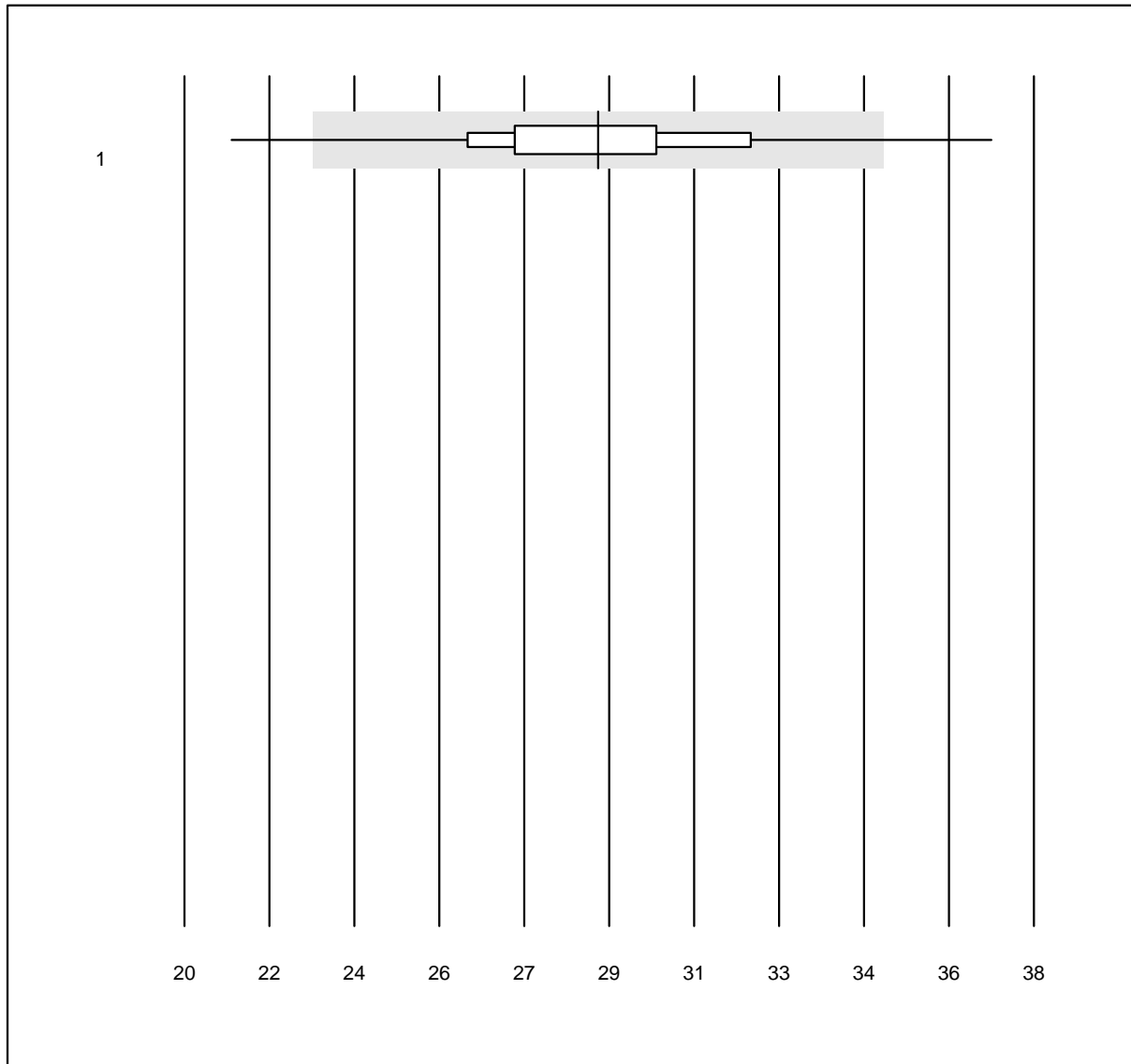


QUALAB Toleranz: 24%

Lipoprotein (a) (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	15	100.0	0.0	0.0	58	13.1	a*
2 Others	7	85.7	0.0	14.3	78	10.3	e*

CRP

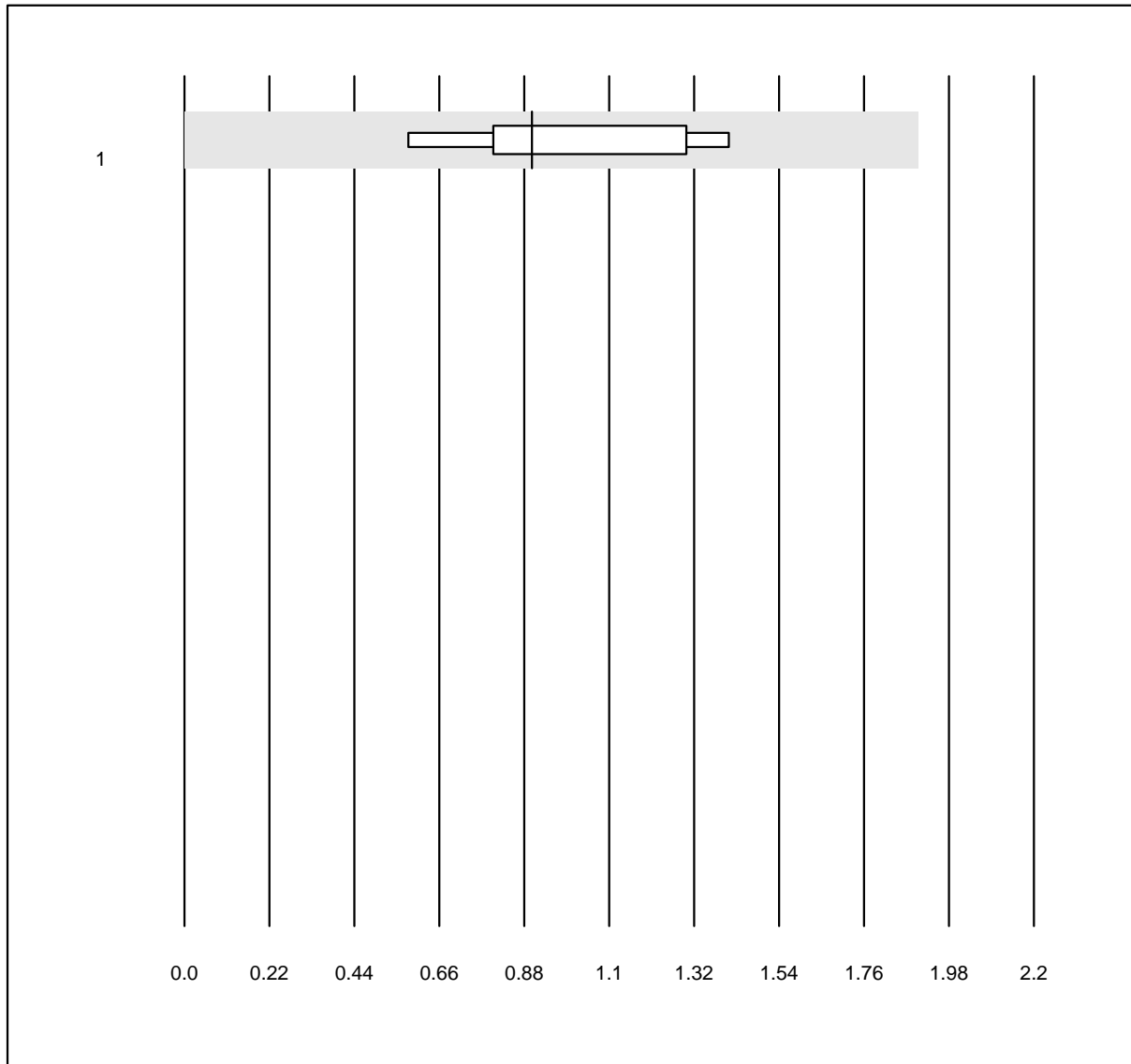


QUALAB Toleranz: 21%

CRP (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 AFIAS	244	94.3	3.7	2.0	28.8	8.7	e

Anti deam. Gliadin IgA



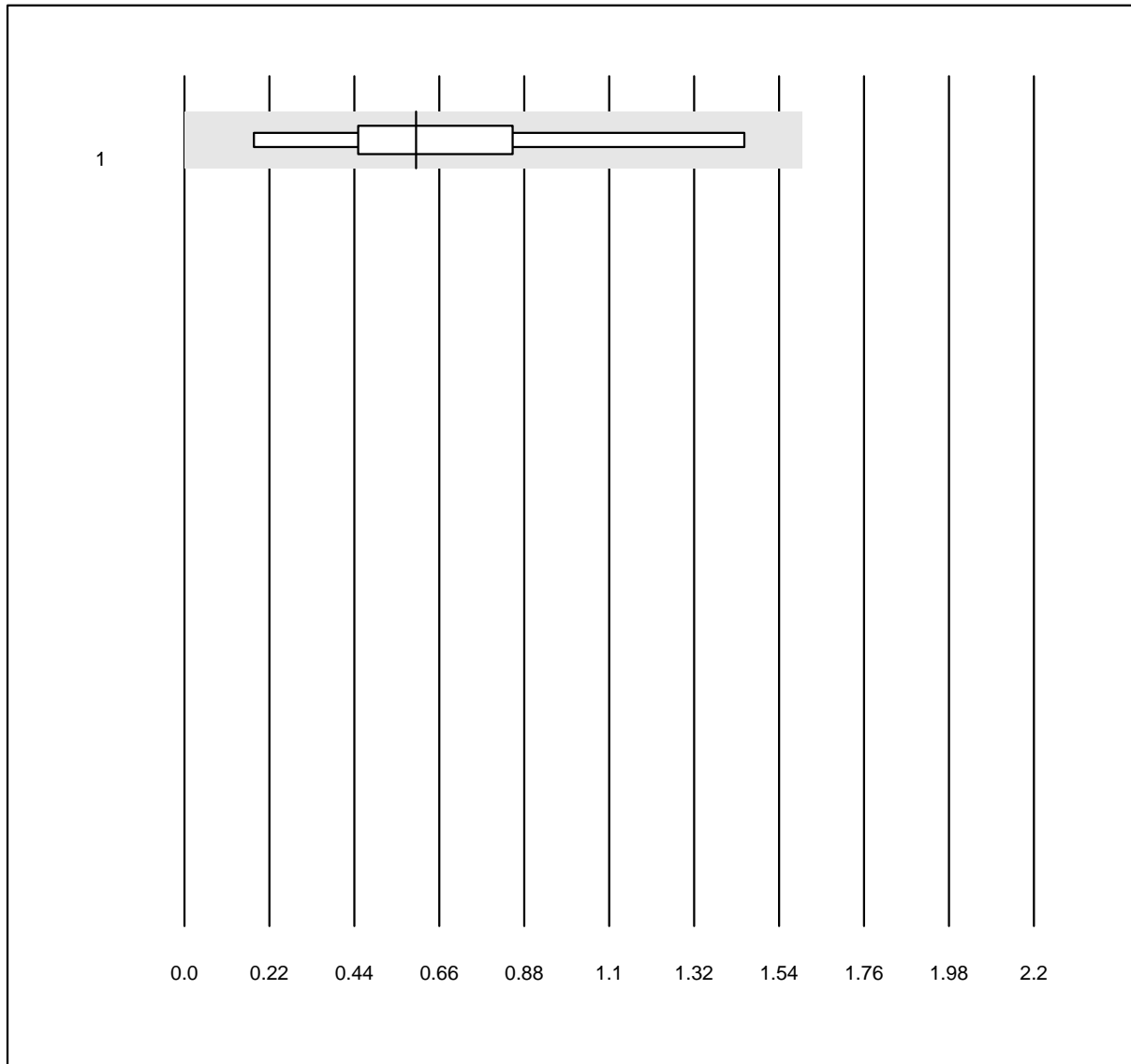
MQ Toleranz: 30%
(< 2.0: +/- 1.0 U/ml)

Anti deam. Gliadin IgA
(U/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Phadia	8	100.0	0.0	0.0	0.90	29.3	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Anti deam. Gliadin IgG



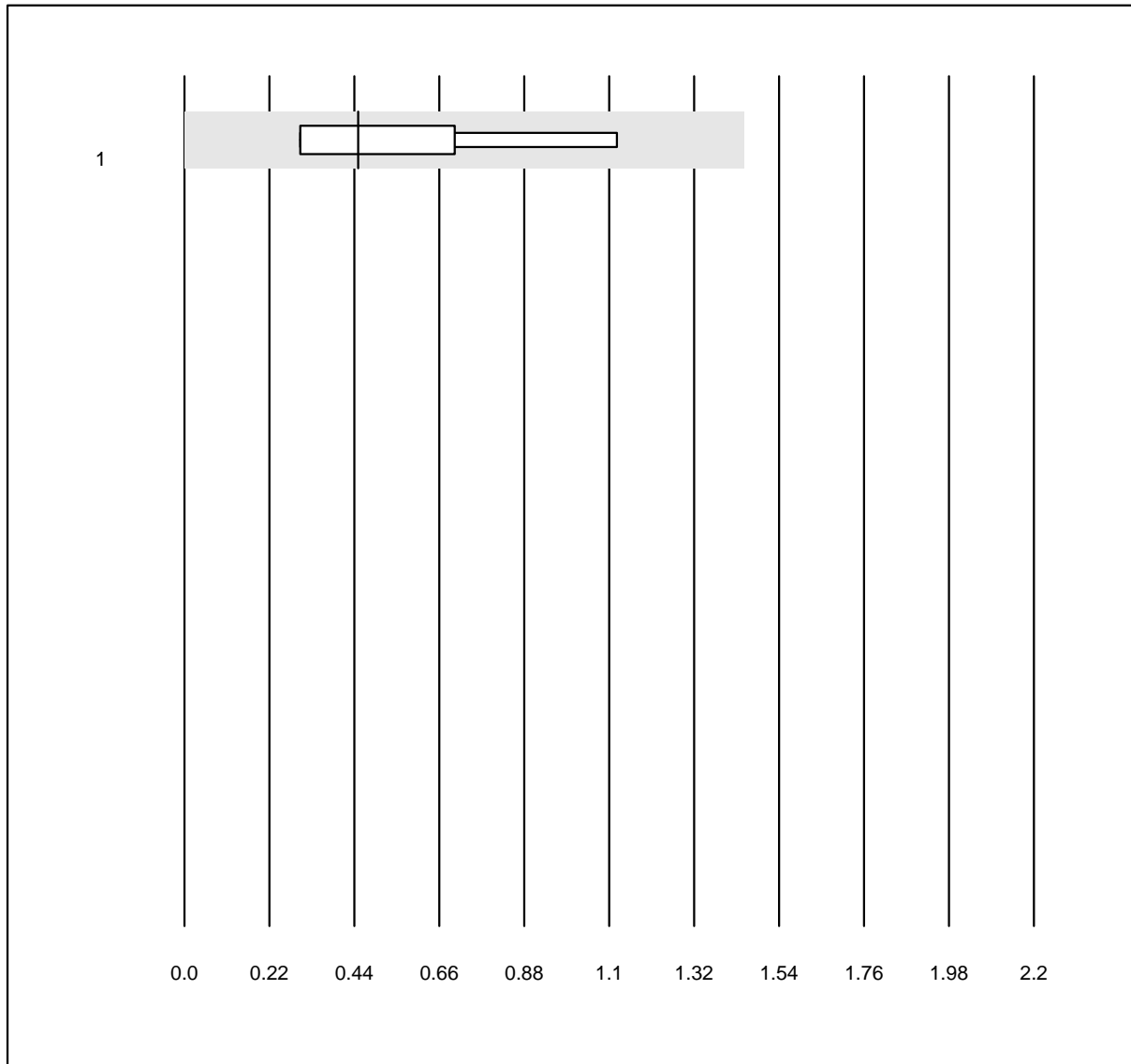
MQ Toleranz: 30%
(< 2.0: +/- 1.0 U/ml)

Anti deam. Gliadin IgG
(U/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Phadia	8	100.0	0.0	0.0	0.60	53.0	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Anti tTG IgA



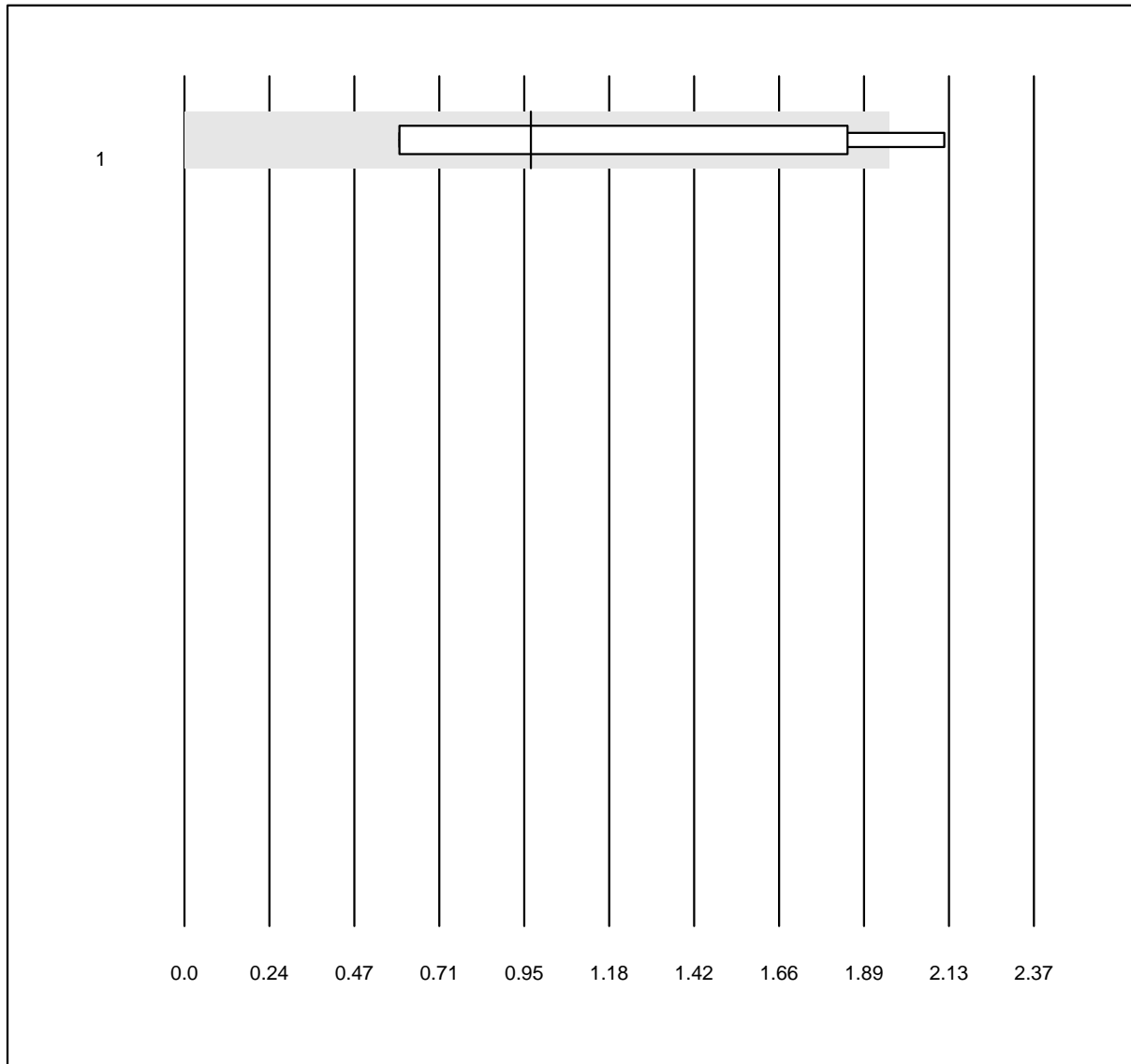
MQ Toleranz: 30%
(< 2.0: +/- 1.0 U/ml)

Anti tTG IgA (U/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Other methods	6	100.0	0.0	0.0	0.45	51.1	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Anti tTG IgG

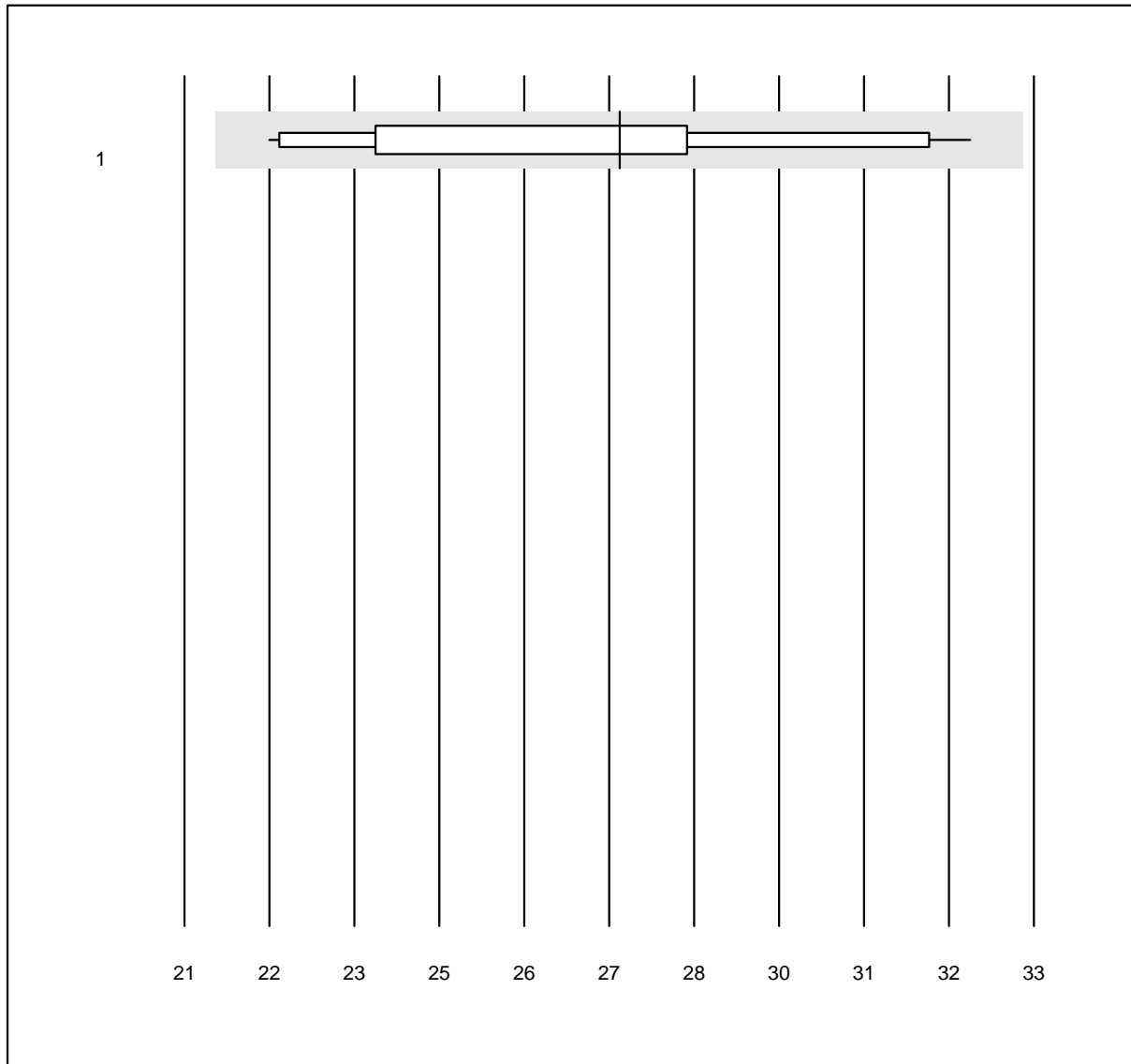


MQ Toleranz: 30%
(< 2.0: +/- 1.0 U/ml)

Anti tTG IgG (U/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Other methods	5	80.0	20.0	0.0	0.97	63.0	e*

CRP Lumira

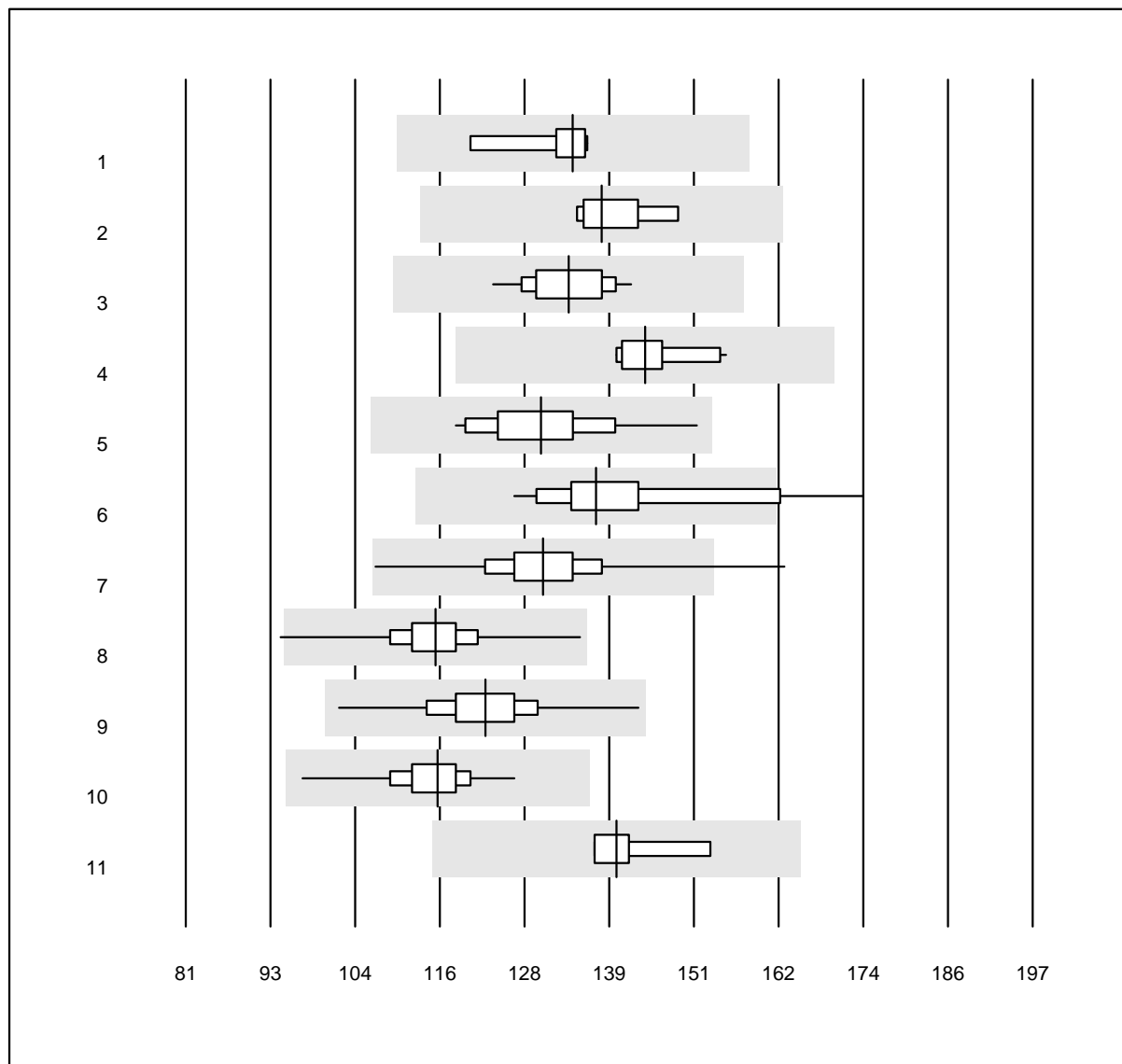


QUALAB Toleranz: 21%

CRP Lumira (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 Lumira Dx	11	100.0	0.0	0.0	27.1	11.6 a*

Alanine aminotransferase 1



QUALAB Toleranz: 18%

Alanine aminotransferase (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	134	3.7	e
2 Beckman	5	100.0	0.0	0.0	138	3.1	e
3 Roche	50	100.0	0.0	0.0	133	3.9	e
4 Siemens	10	100.0	0.0	0.0	144	3.1	e
5 Autolyser	22	100.0	0.0	0.0	130	5.9	e
6 Selectra Pro	17	94.1	5.9	0.0	137	8.4	e
7 Fuji Dri-Chem	1213	98.5	0.2	1.3	130	4.9	e
8 Spotchem D-Concept	648	99.4	0.2	0.5	115	4.3	e
9 Spotchem SP-4430	129	98.4	0.0	1.6	122	5.1	e
10 Piccolo	73	95.9	0.0	4.1	115	4.3	e
11 Vitros	7	100.0	0.0	0.0	140	3.4	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Alanine aminotransferase 2



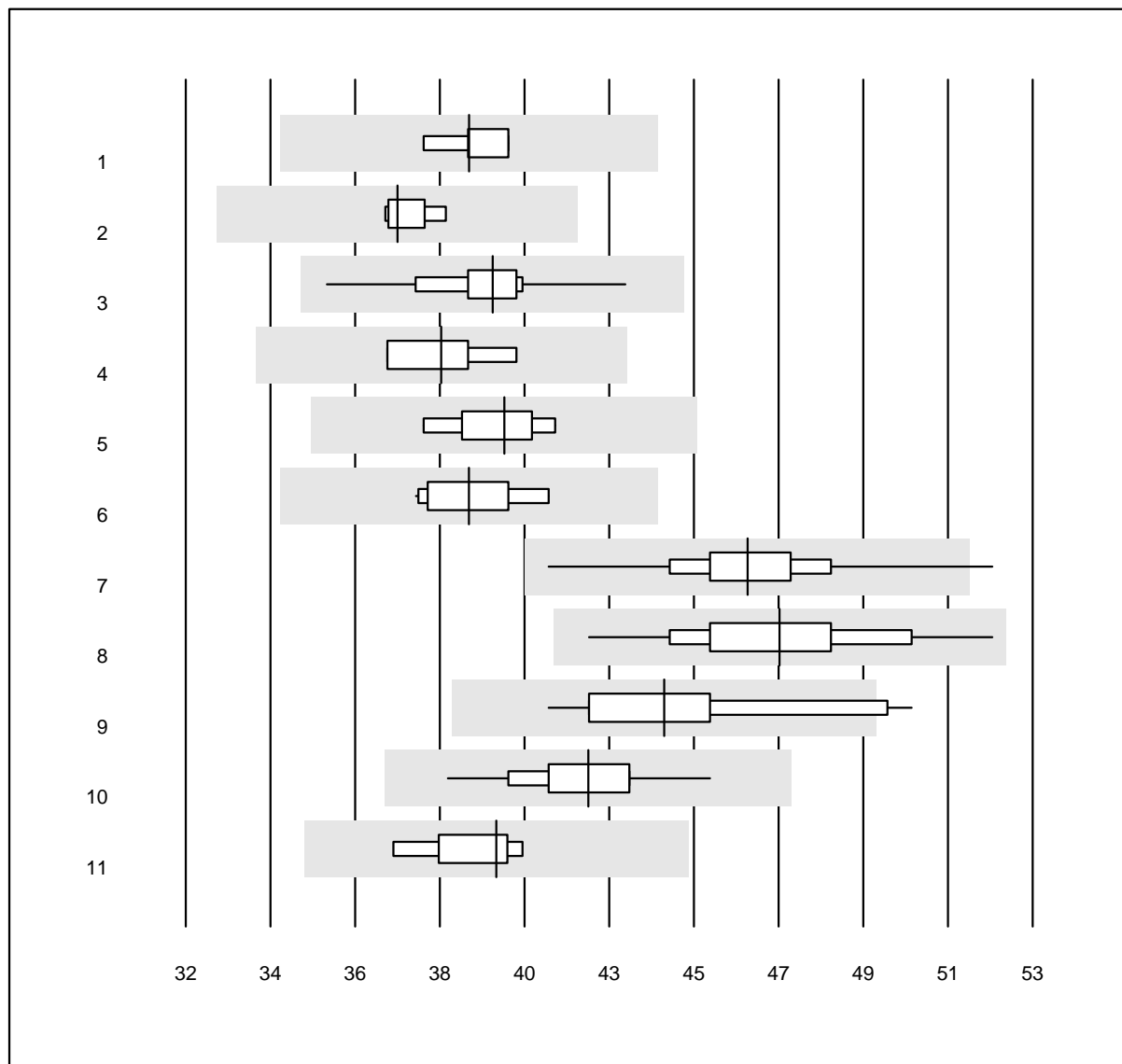
QUALAB Toleranz: 18%

Alanine aminotransferase (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Seamaty	10	100.0	0.0	0.0	163	8.3	e*
13 Skyla	5	100.0	0.0	0.0	105	5.4	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Albumine 1

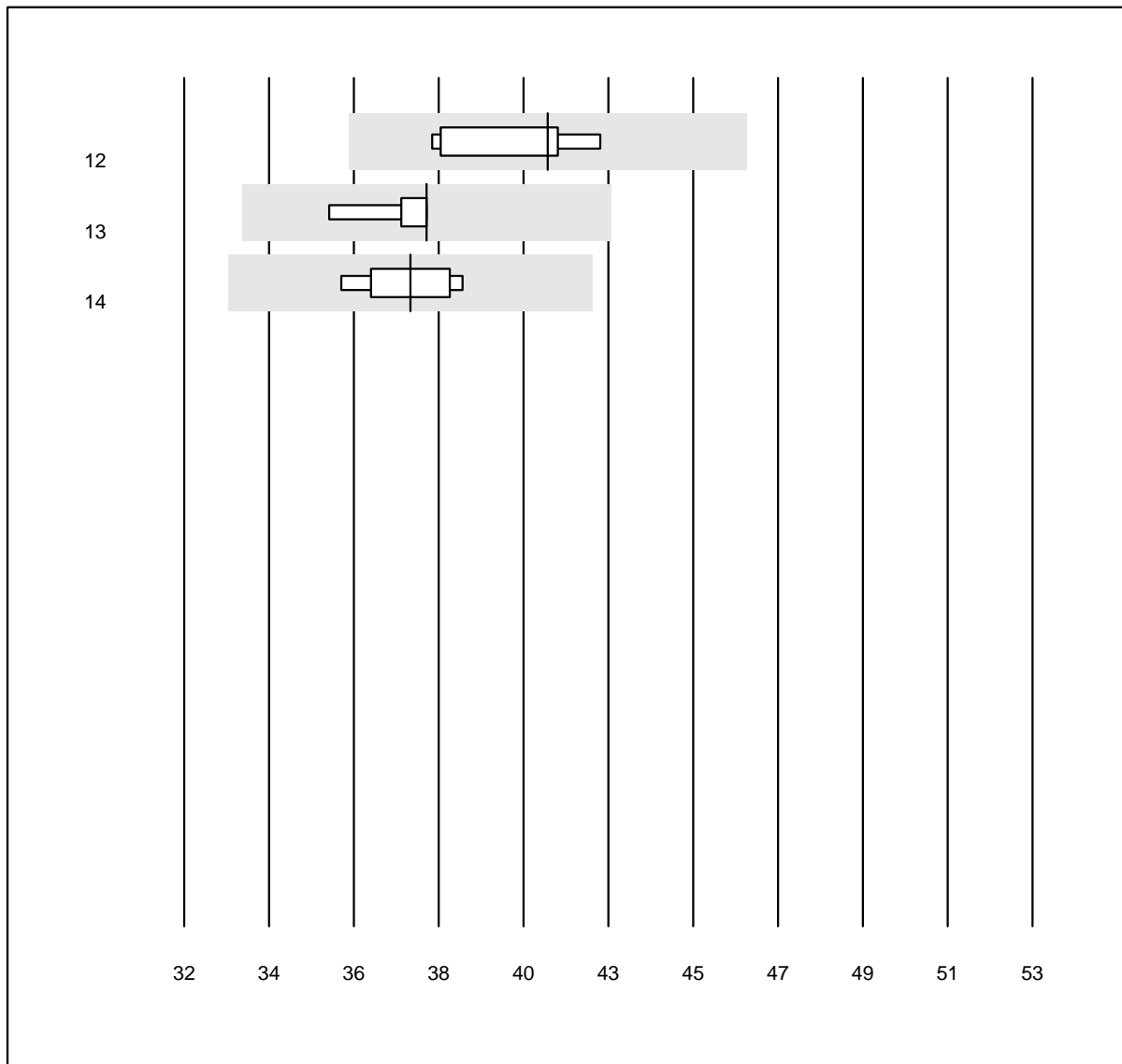


QUALAB Toleranz: 12%

Albumine (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	39.0	1.8	e
2 Beckman	4	100.0	0.0	0.0	37.3	1.3	e
3 Roche	44	100.0	0.0	0.0	39.6	3.2	e
4 Siemens	7	100.0	0.0	0.0	38.3	2.9	e
5 Autolyser	9	100.0	0.0	0.0	39.9	2.6	e
6 Selectra Pro	11	100.0	0.0	0.0	39.0	3.0	e
7 Fuji Dri-Chem	254	98.8	0.4	0.8	45.9	4.0	e
8 Spotchem D-Concept	240	98.8	0.0	1.2	46.7	4.6	e
9 Spotchem SP-4430	21	90.5	9.5	0.0	43.9	5.7	e
10 Piccolo	64	98.4	0.0	1.6	42.0	3.1	e
11 Seamaty	5	80.0	0.0	20.0	39.7	2.4	e

Albumine 2

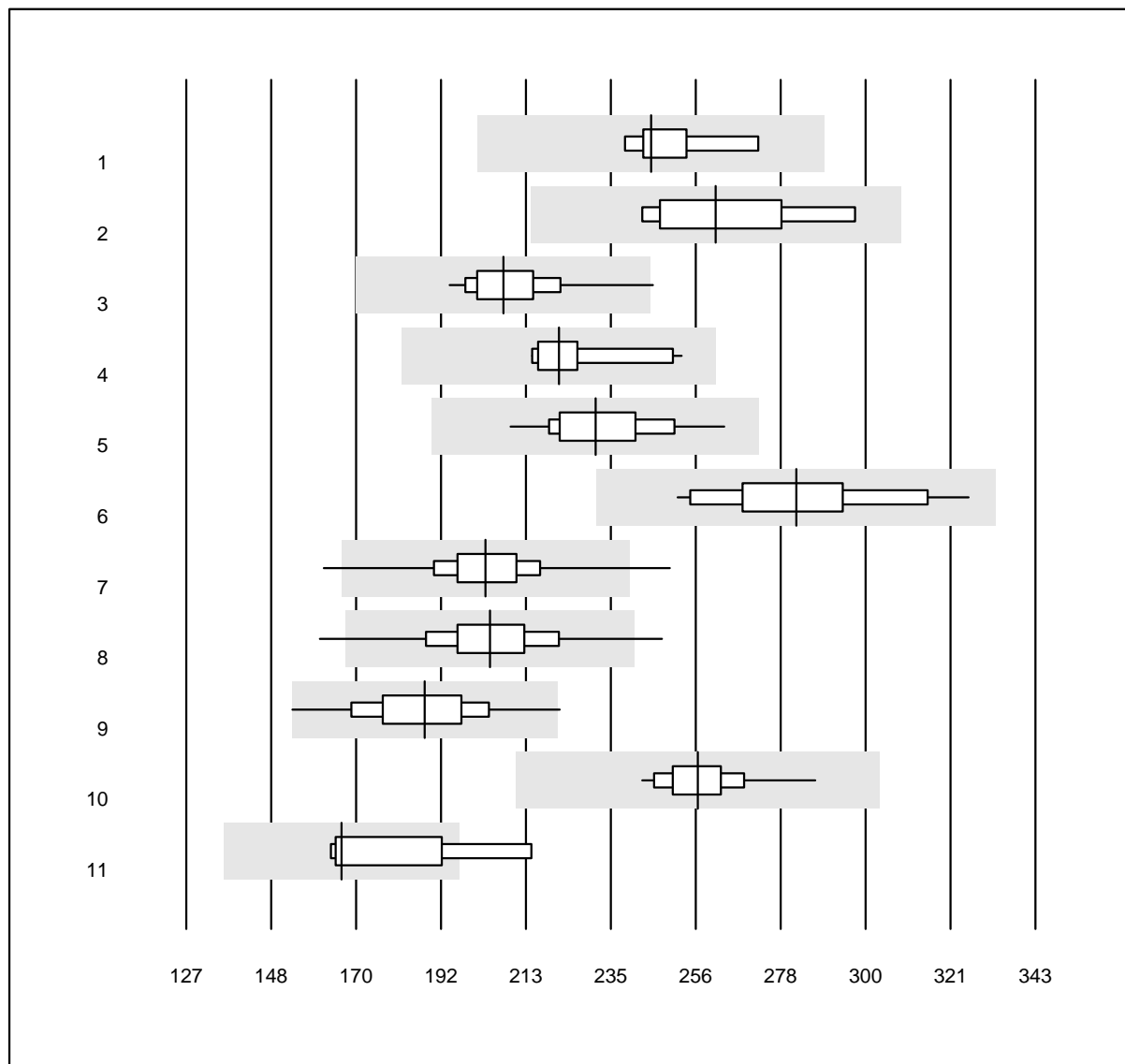


QUALAB Toleranz: 12%

Albumine (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Skyla	6	100.0	0.0	0.0	41.0	3.9	e*
13 Turbidimetry	6	100.0	0.0	0.0	38.0	2.0	e
14 Vitros	6	100.0	0.0	0.0	37.6	2.9	e

Alkaline phosphatase 1



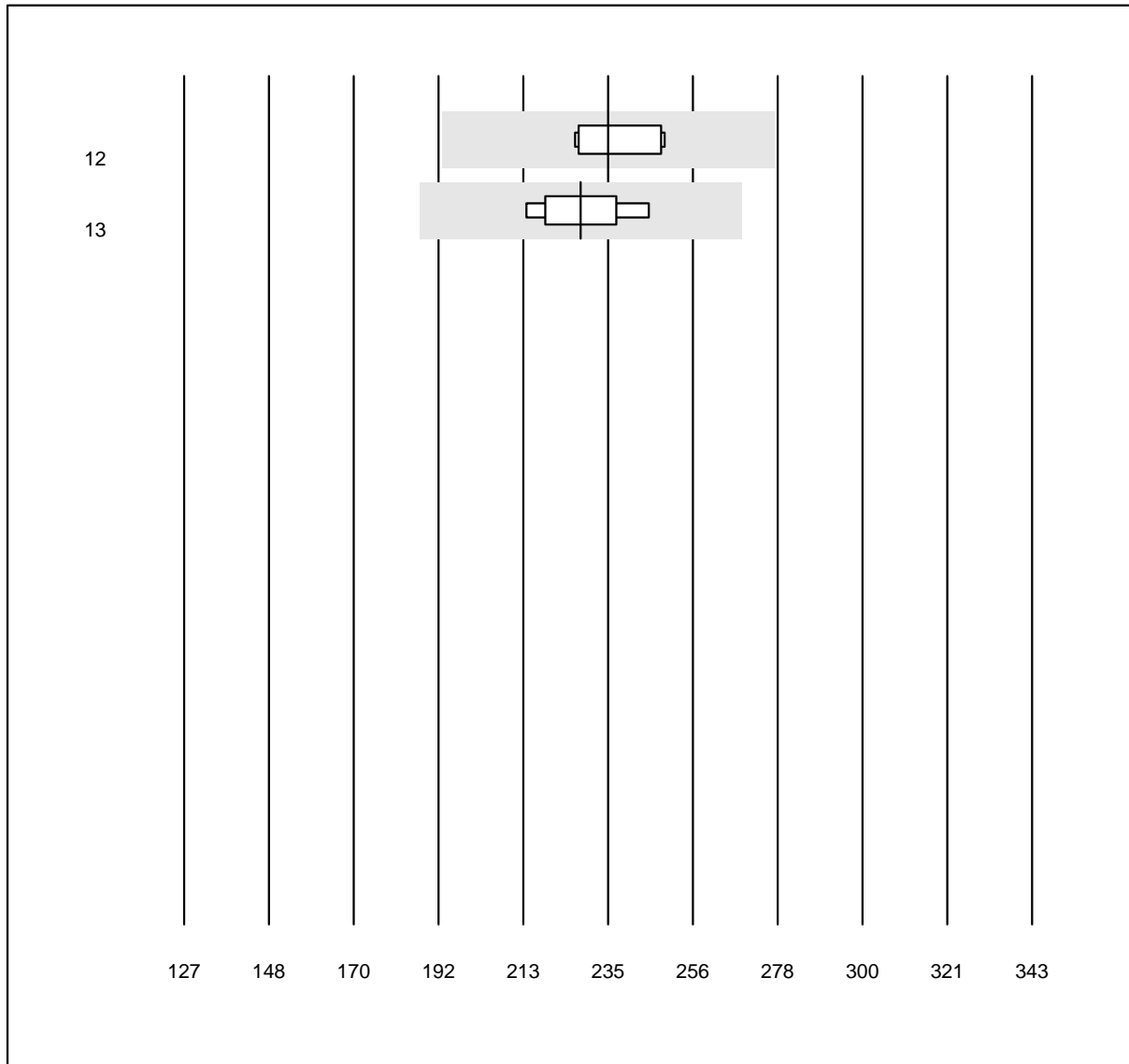
QUALAB Toleranz: 18%

Alkaline phosphatase (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	245	4.1	e
2 Beckman	5	100.0	0.0	0.0	262	6.6	e*
3 Roche	48	97.9	2.1	0.0	208	5.1	e
4 Siemens	10	100.0	0.0	0.0	222	5.1	e
5 Autolyser	22	100.0	0.0	0.0	231	5.7	e
6 Selectra Pro	13	100.0	0.0	0.0	282	6.9	e
7 Fuji Dri-Chem	1075	98.9	0.3	0.8	203	5.3	e
8 Spotchem D-Concept	580	97.6	0.9	1.6	204	6.5	e
9 Spotchem SP-4430	75	97.3	1.3	1.3	188	7.6	e
10 Piccolo	50	100.0	0.0	0.0	257	3.7	e
11 Seamaty	8	75.0	12.5	12.5	167	10.1	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Alkaline phosphatase 2



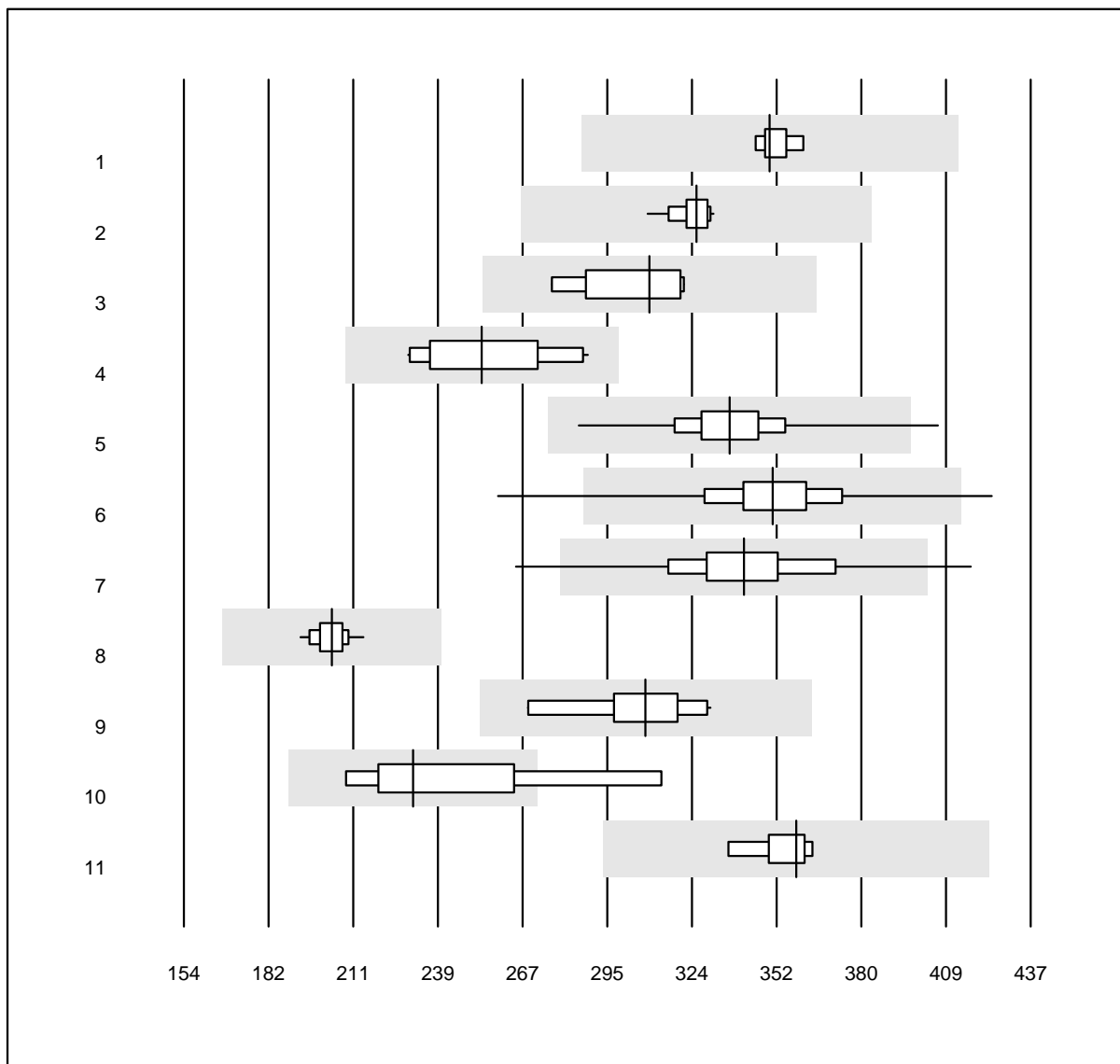
QUALAB Toleranz: 18%

Alkaline phosphatase (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Skyla	5	100.0	0.0	0.0	235	4.8	e
13 Vitros	7	100.0	0.0	0.0	228	4.7	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Amylase



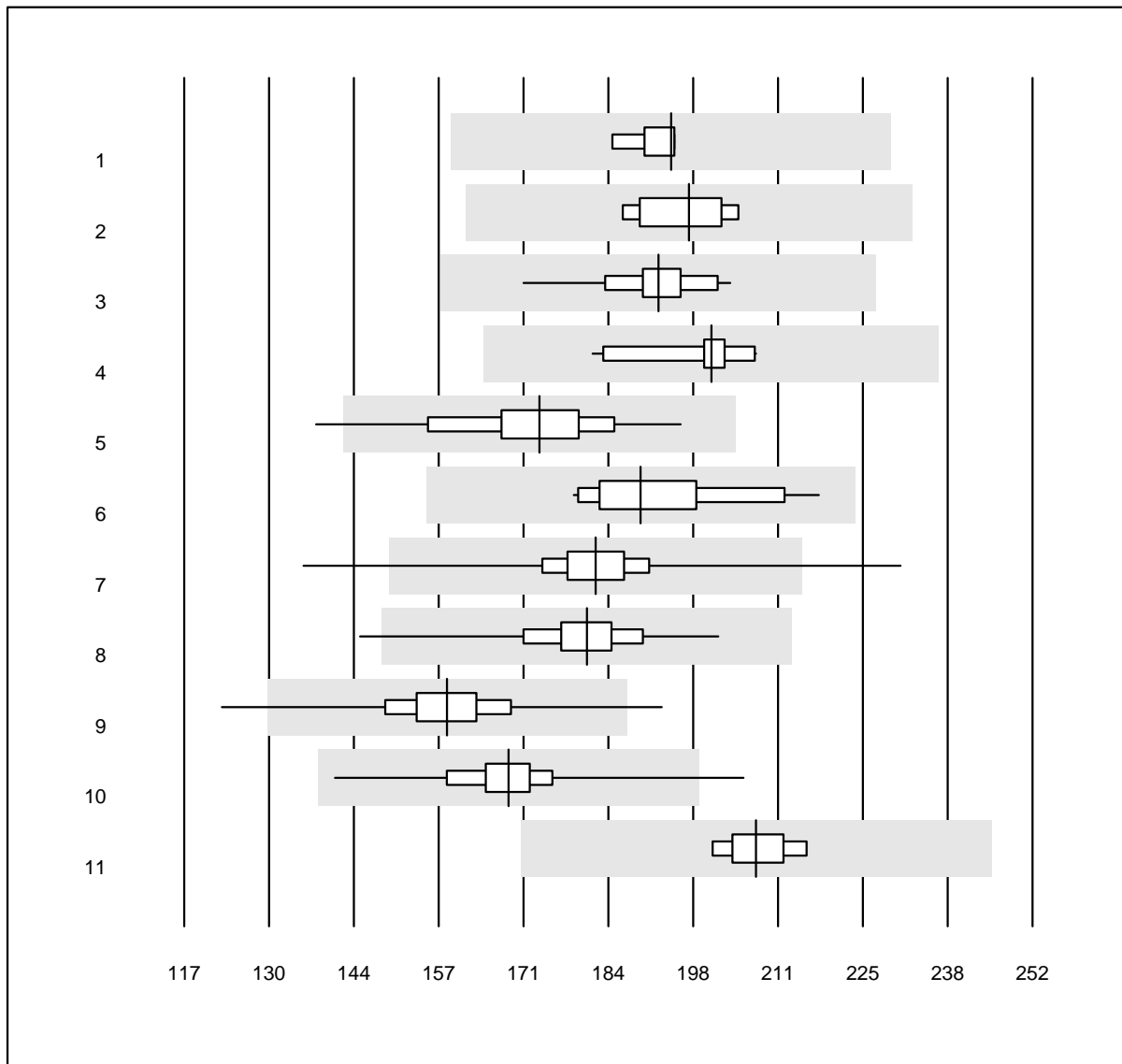
QUALAB Toleranz: 18%

Amylase (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	6	100.0	0.0	0.0	350	1.3	e
2 Roche	19	100.0	0.0	0.0	325	1.7	e
3 Autolyser	9	100.0	0.0	0.0	310	5.5	e
4 Selectra Pro	10	100.0	0.0	0.0	254	7.7	e*
5 Fuji Dri-Chem	757	99.3	0.3	0.4	336	4.3	e
6 Spotchem D-Concept	405	98.5	1.0	0.5	351	5.5	e
7 Spotchem SP-4430	52	96.2	3.8	0.0	341	7.1	e
8 Piccolo	60	95.0	0.0	5.0	203	2.4	e
9 Seamaty	10	100.0	0.0	0.0	308	6.6	e
10 Vitros	5	80.0	20.0	0.0	231	12.8	e*
11 Beckman	5	100.0	0.0	0.0	359	2.3	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Aspartate aminotransferase 1



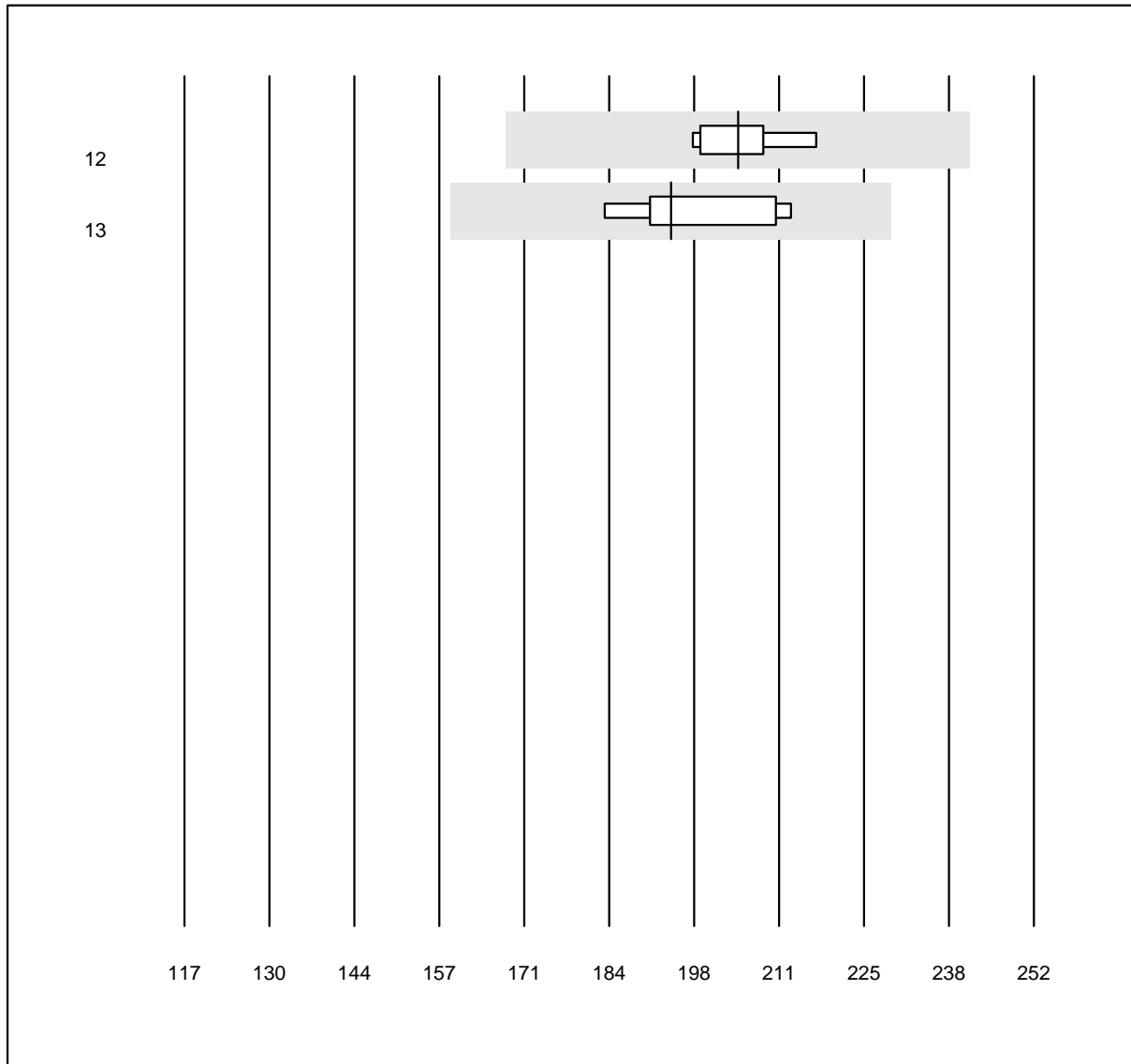
QUALAB Toleranz: 18%

Aspartate aminotransferase (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	195	1.9	e
2 Beckman	5	100.0	0.0	0.0	197	3.5	e
3 Roche	50	100.0	0.0	0.0	192	3.3	e
4 Siemens	10	100.0	0.0	0.0	201	3.5	e
5 Autolyser	22	95.5	4.5	0.0	174	6.9	e
6 Selectra Pro	17	94.1	0.0	5.9	190	5.7	e
7 Fuji Dri-Chem	1190	98.8	0.8	0.3	182	4.3	e
8 Spotchem D-Concept	643	99.4	0.2	0.5	181	4.4	e
9 Spotchem SP-4430	129	96.9	3.1	0.0	159	6.0	e
10 Piccolo	73	97.3	2.7	0.0	169	5.9	e
11 Vitros	6	100.0	0.0	0.0	208	2.2	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Aspartate aminotransferase 2



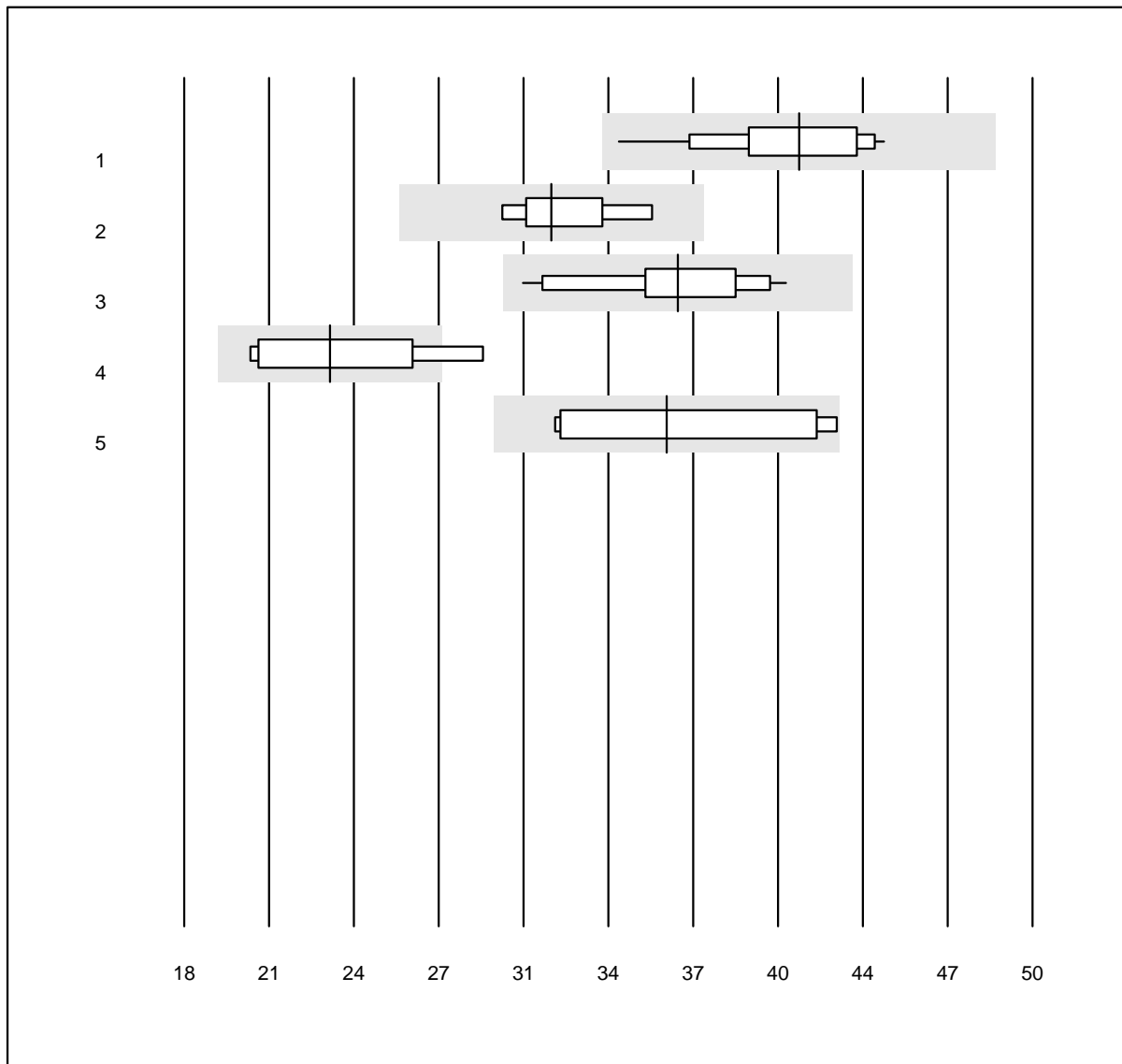
QUALAB Toleranz: 18%

Aspartate aminotransferase
(U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Seamaty	7	100.0	0.0	0.0	205	3.2	e
13 Skyla	7	100.0	0.0	0.0	194	5.4	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Bilirubin direct



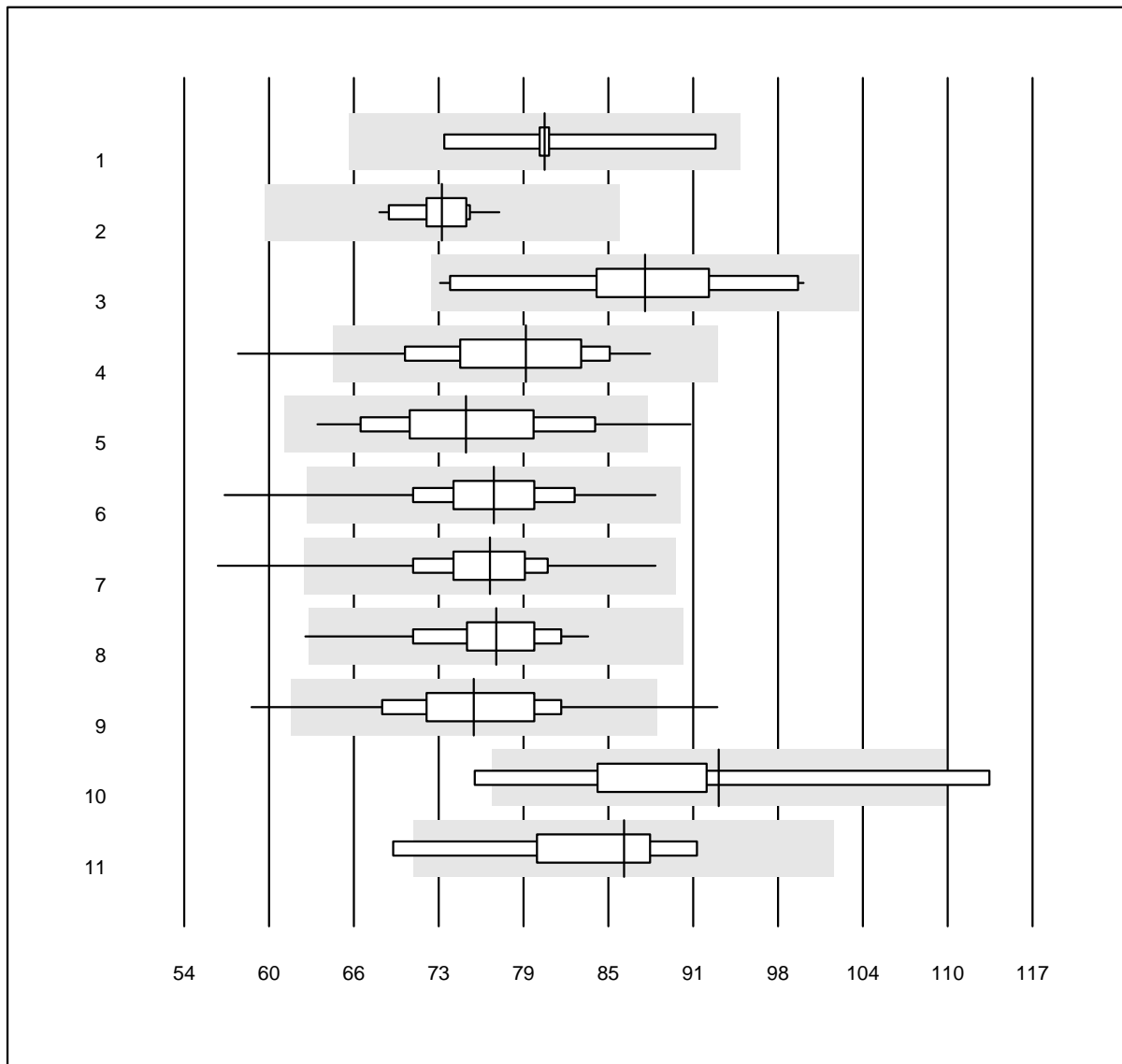
MQ Toleranz: 18%

Bilirubin direct (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	16	100.0	0.0	0.0	41.2	6.5	e
2 Siemens	4	100.0	0.0	0.0	31.9	5.0	e*
3 Fuji Dri-Chem	15	100.0	0.0	0.0	36.6	8.1	e
4 Vitros	4	100.0	0.0	0.0	23.5	13.5	a*
5 Other methods	6	100.0	0.0	0.0	36.2	12.7	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Bilirubin 1

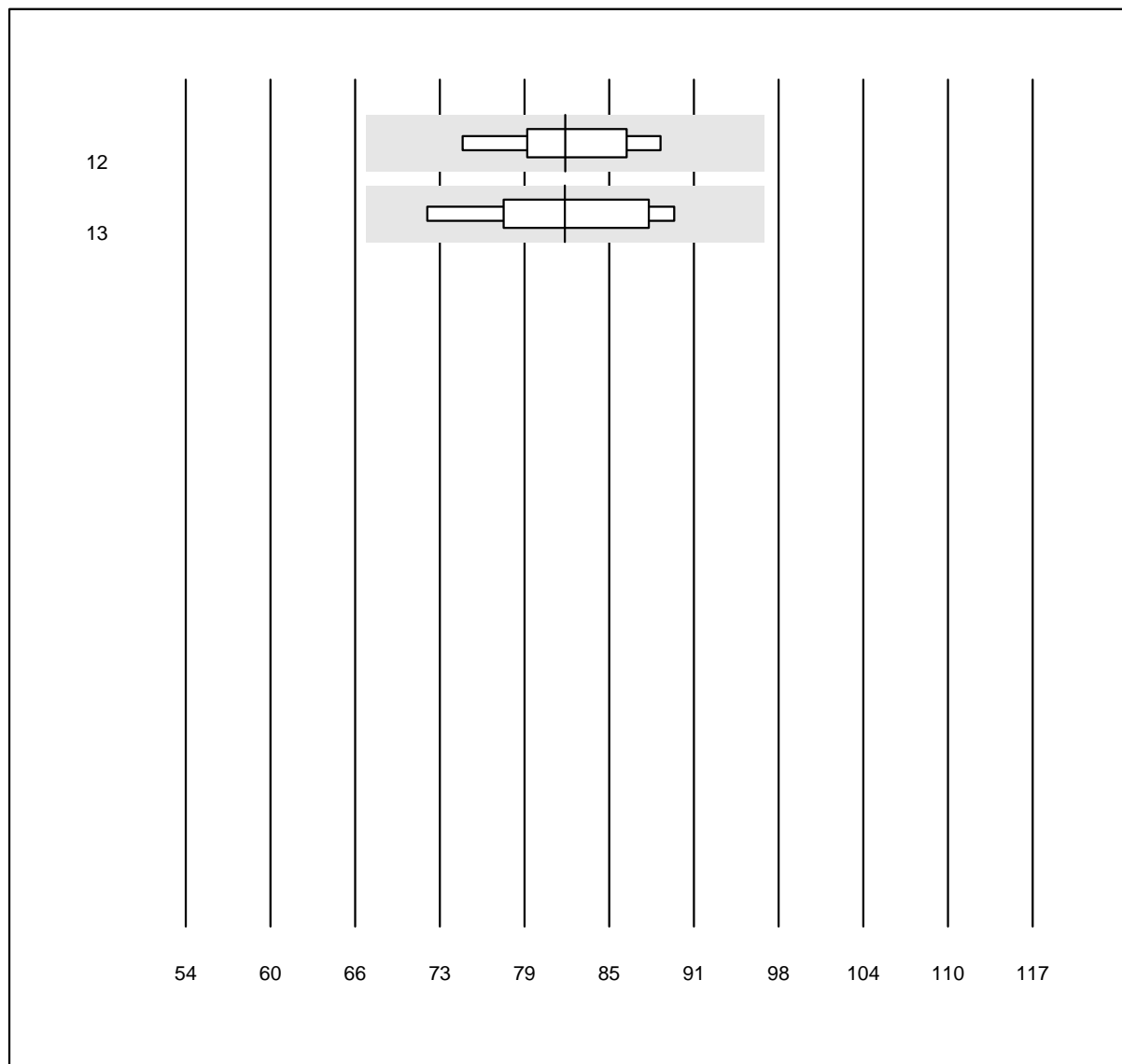


QUALAB Toleranz: 18%

Bilirubin (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	7	100.0	0.0	0.0	80.8	6.1	e*
2 Roche	48	100.0	0.0	0.0	73.1	3.0	e
3 Siemens	10	100.0	0.0	0.0	88.2	8.6	e*
4 Autolyser	19	94.7	5.3	0.0	79.4	9.1	e
5 Selectra Pro	17	94.1	5.9	0.0	74.9	8.7	e
6 Fuji Dri-Chem	891	98.0	0.8	1.2	77.0	6.0	e
7 Spotchem D-Concept	465	98.3	1.1	0.6	76.7	5.6	e
8 Spotchem SP-4430	67	95.5	3.0	1.5	77.2	5.7	e
9 Piccolo	59	91.5	3.4	5.1	75.5	7.6	e
10 Vitros	7	100.0	0.0	0.0	93.7	11.3	a*
11 Seamaty	7	100.0	0.0	0.0	86.7	8.0	e*

Bilirubin 2

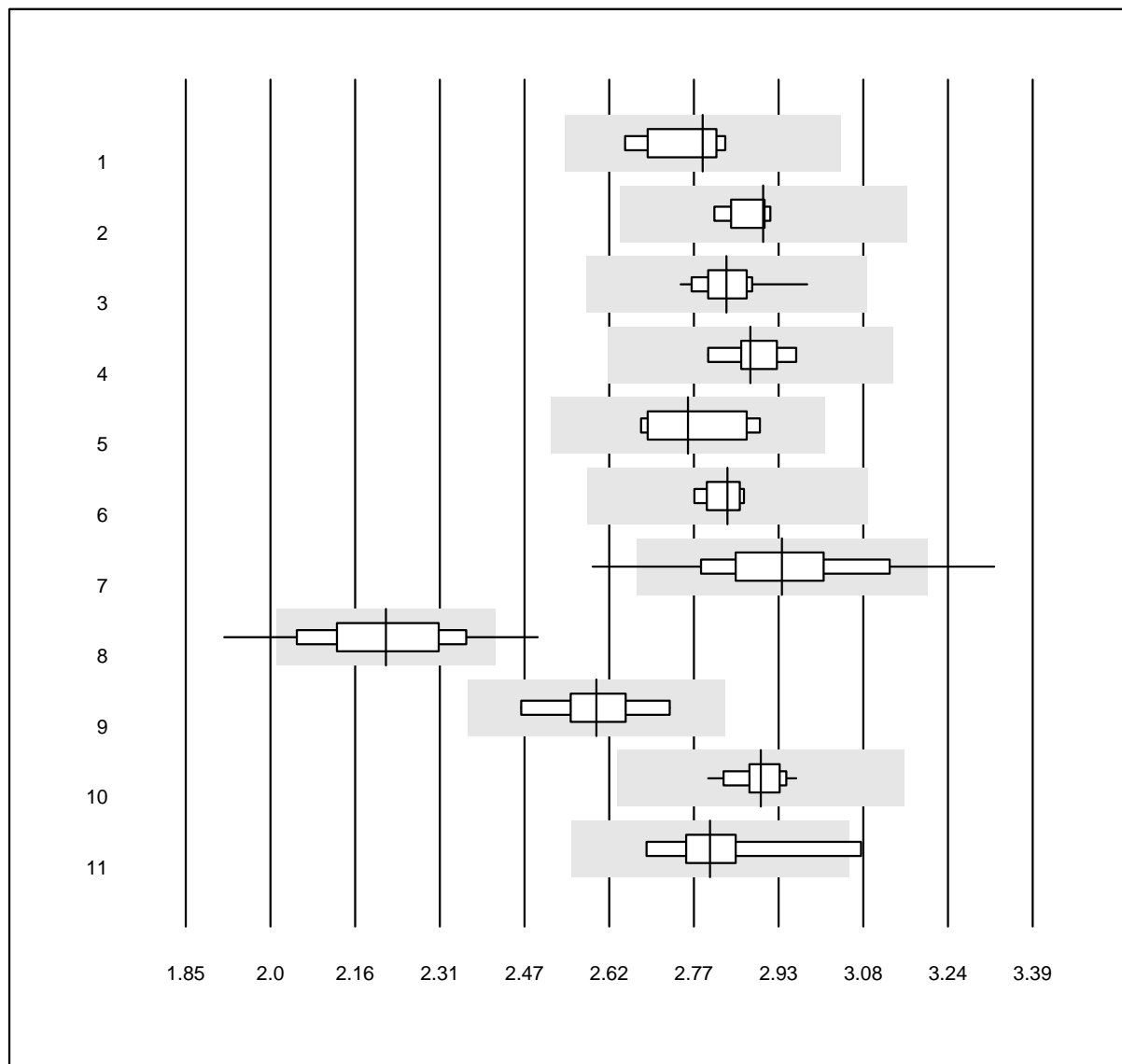


QUALAB Toleranz: 18%

Bilirubin (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Skyla	7	100.0	0.0	0.0	82.2	5.7	e*
13 Beckman	6	100.0	0.0	0.0	82.2	7.2	e*

Calcium 1



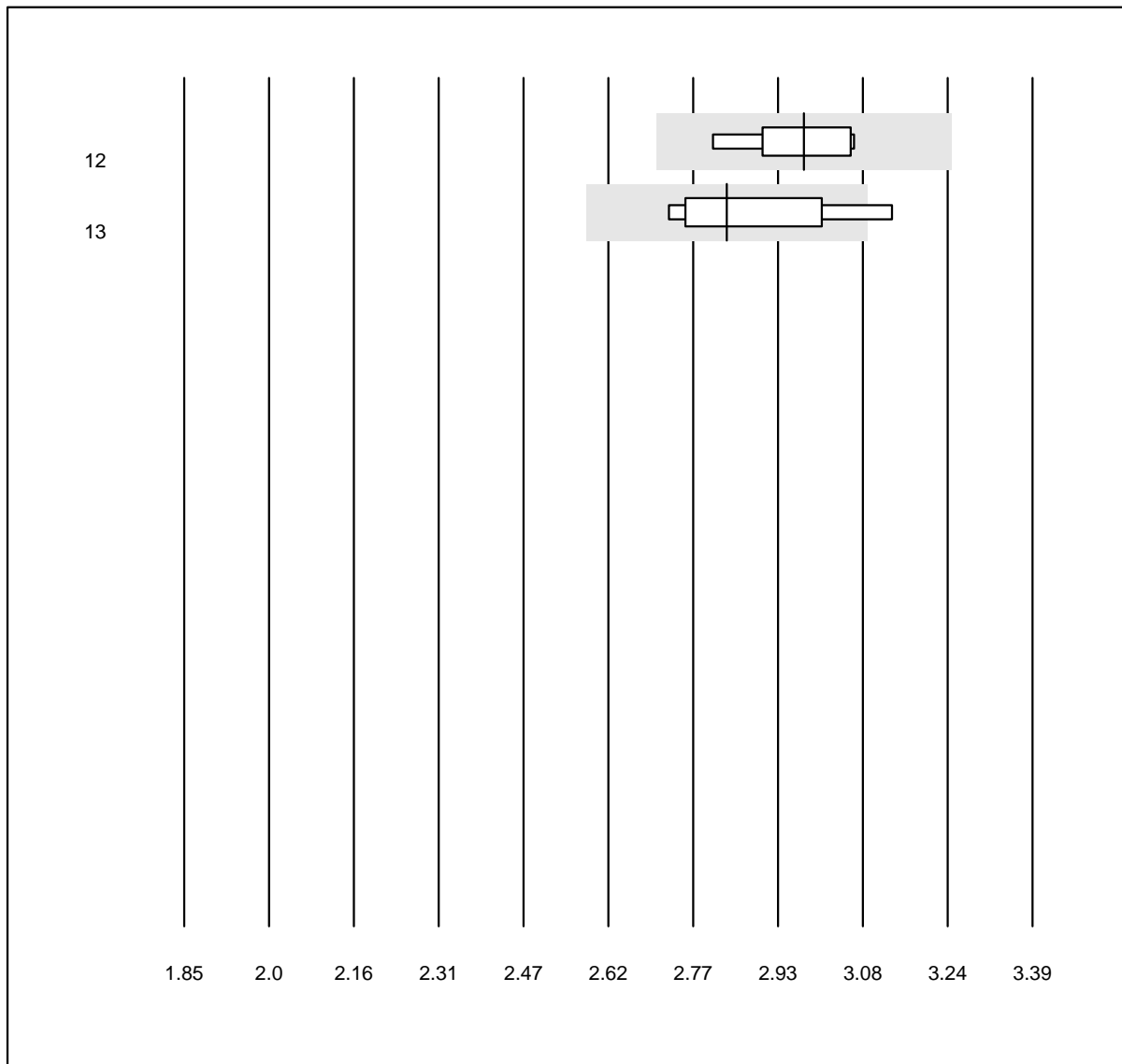
QUALAB Toleranz: 9%

Calcium (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	2.79	2.5	e
2 Beckman	6	100.0	0.0	0.0	2.90	1.3	e
3 Roche	49	100.0	0.0	0.0	2.83	1.7	e
4 Siemens	9	100.0	0.0	0.0	2.88	1.7	e
5 Autolyser	7	100.0	0.0	0.0	2.76	3.3	e*
6 Selectra Pro	4	100.0	0.0	0.0	2.83	1.1	e
7 Fuji Dri-Chem	228	94.7	4.4	0.9	2.93	4.4	e
8 Spotchem D-Concept	64	84.4	10.9	4.7	2.21	5.7	e
9 Spotchem SP-4430	9	100.0	0.0	0.0	2.60	3.0	e
10 Piccolo	48	97.9	0.0	2.1	2.90	1.4	e
11 Vitros	7	100.0	0.0	0.0	2.80	3.8	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Calcium 2



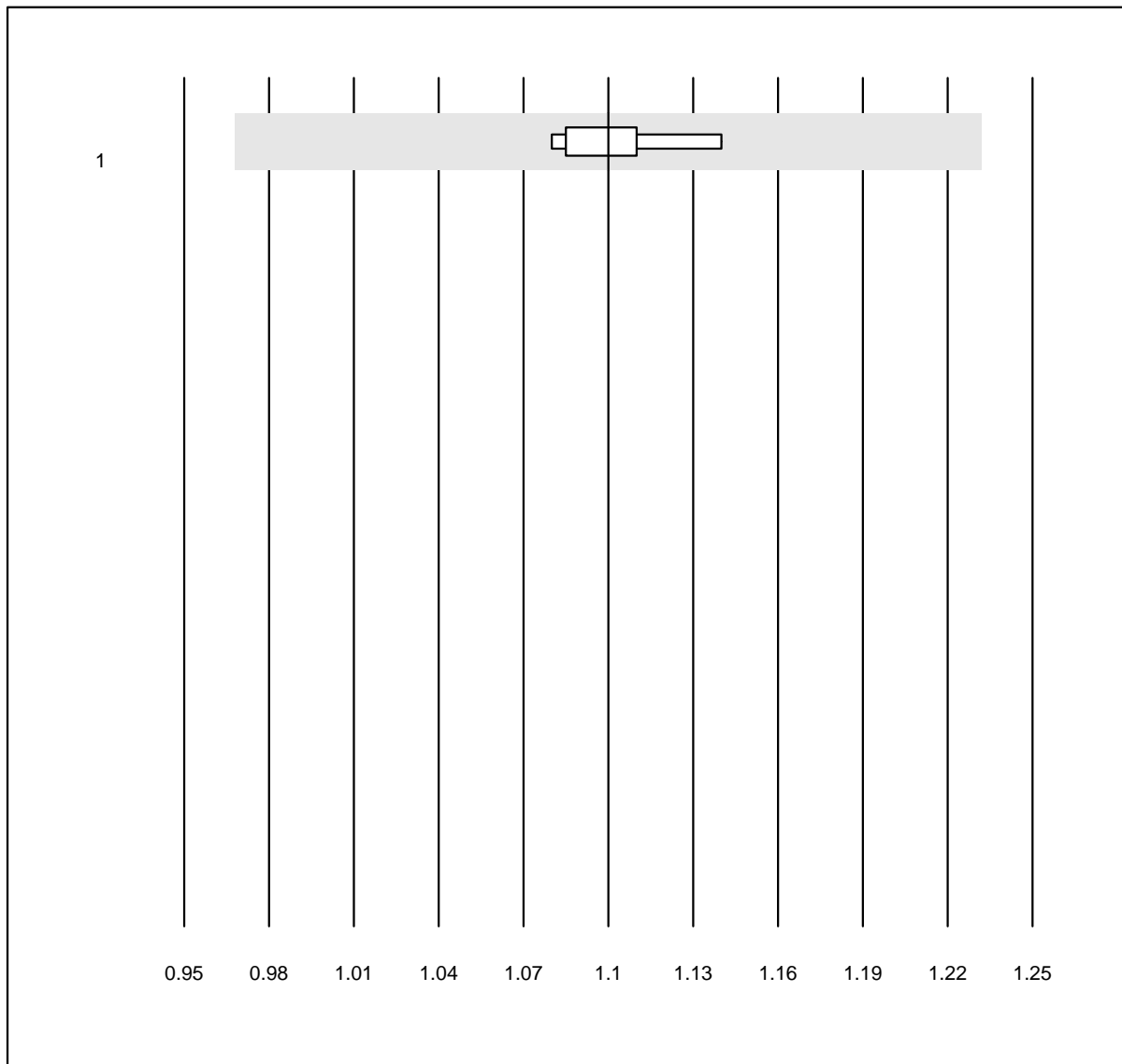
QUALAB Toleranz: 9%

Calcium (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Seamaty	4	75.0	0.0	25.0	2.98	3.0	e*
13 Skyla	4	100.0	0.0	0.0	2.83	4.6	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Calcium ISE



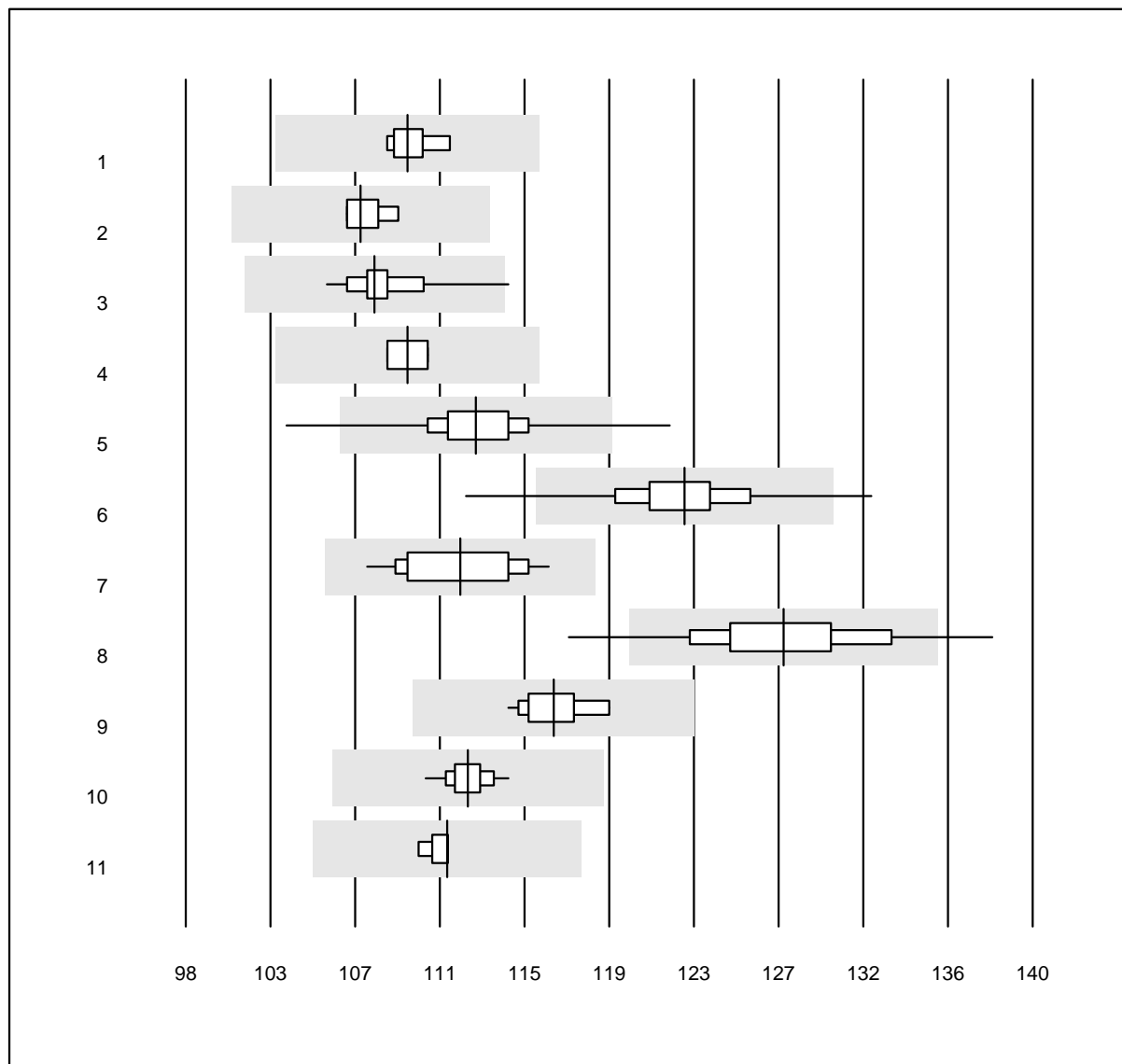
MQ Toleranz: 12%

Calcium ISE (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 iStat Chem8	9	100.0	0.0	0.0	1.10	1.7	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Chloride 1



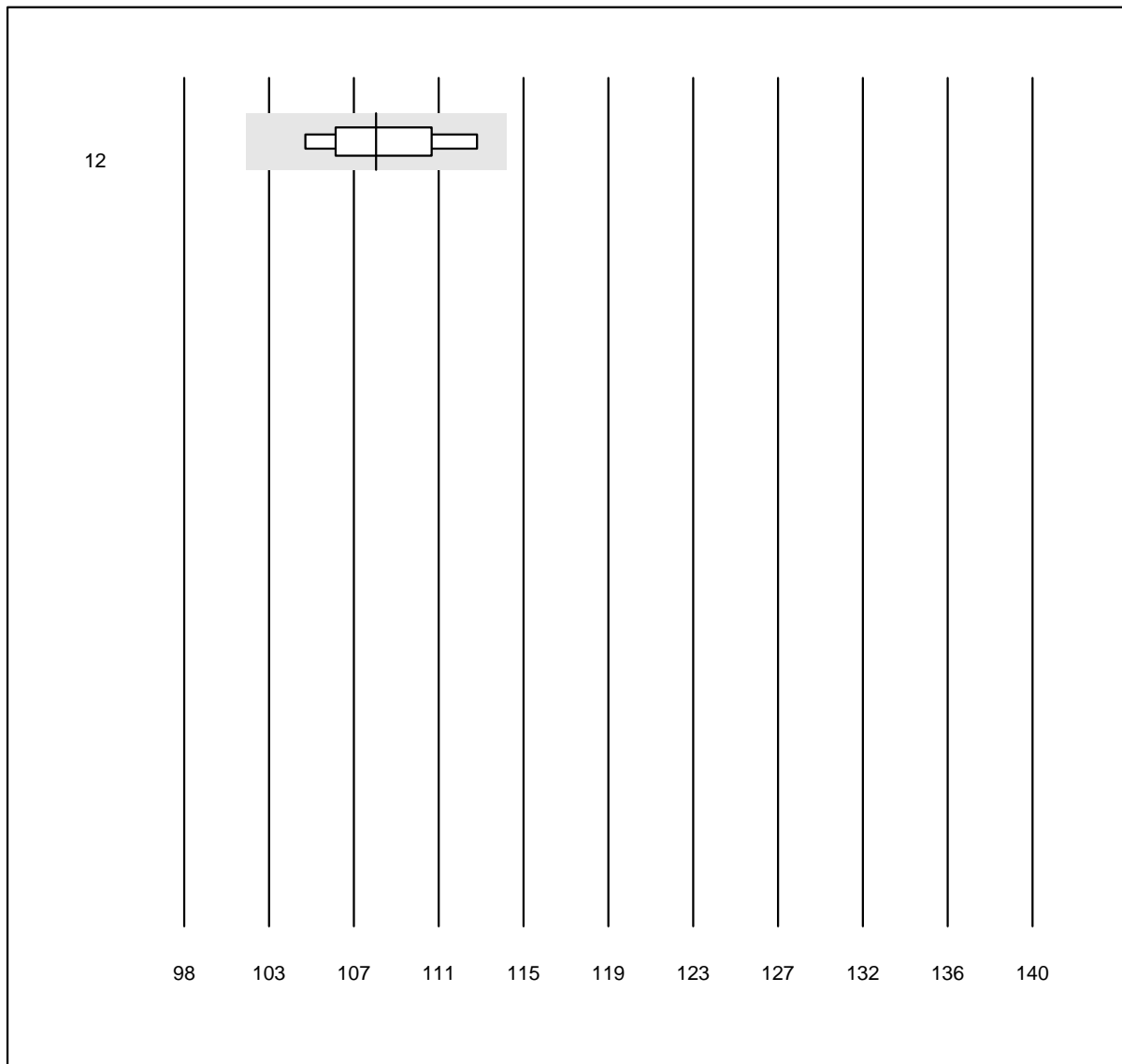
QUALAB Toleranz: 6%

Chloride (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	109	0.9	e
2 Beckman	5	100.0	0.0	0.0	107	0.8	e
3 Roche	37	97.3	2.7	0.0	107	1.7	e
4 Siemens	10	100.0	0.0	0.0	109	0.7	e
5 Fuji Dri-Chem	987	98.5	0.9	0.6	112	2.0	e
6 Spotchem D-Concept	435	94.9	2.1	3.0	123	2.3	e
7 Piccolo	23	100.0	0.0	0.0	112	2.3	e
8 Spotchem EL-SE 1520	51	90.2	5.9	3.9	128	3.3	e
9 iStat Chem8	14	100.0	0.0	0.0	116	1.3	e
10 Exias	51	98.0	0.0	2.0	112	0.8	e
11 Vitros	5	80.0	0.0	20.0	111	0.4	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Chloride 2



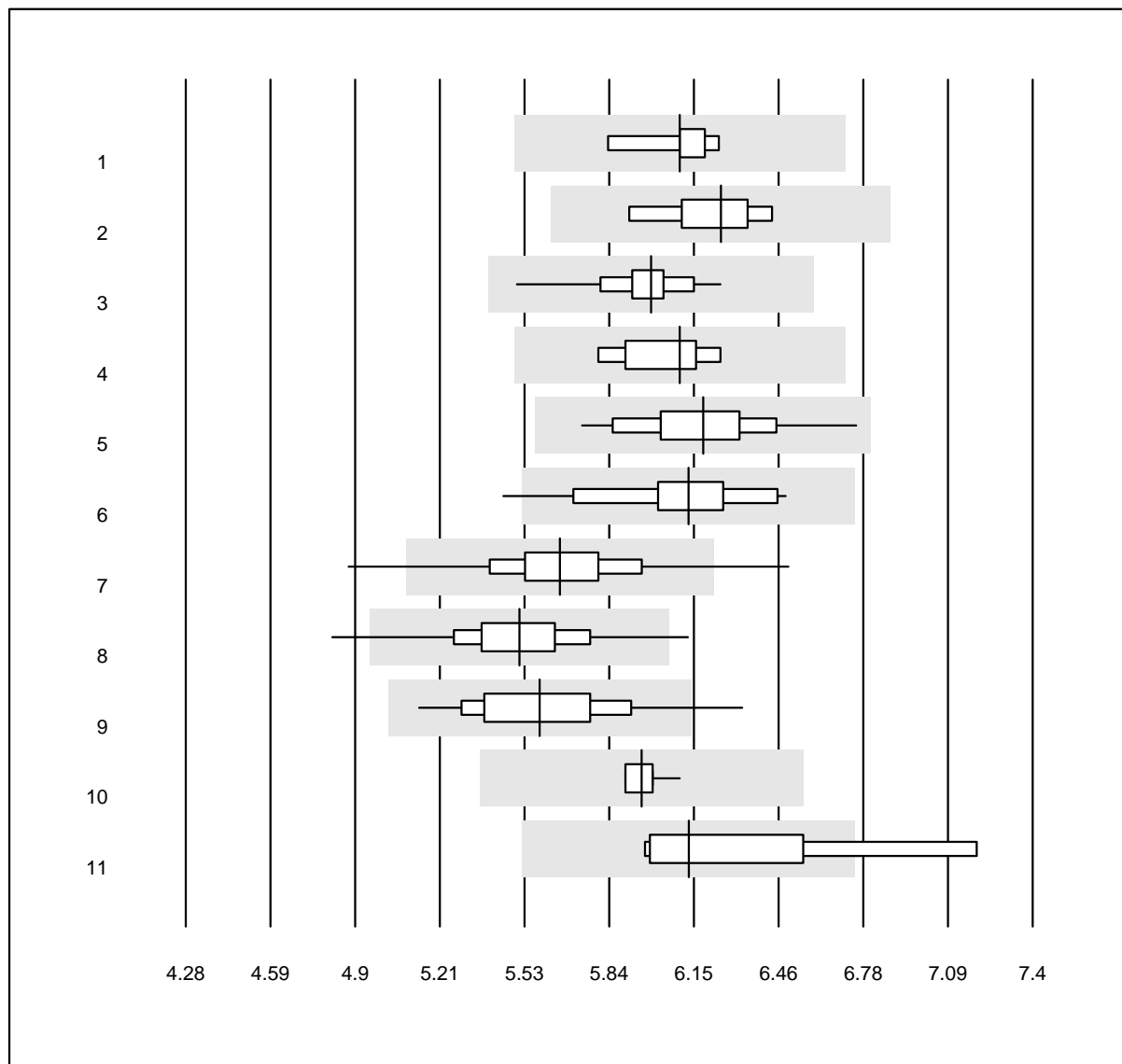
QUALAB Toleranz: 6%

Chloride (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Skyla	4	100.0	0.0	0.0	108	2.3	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Cholesterol total 1



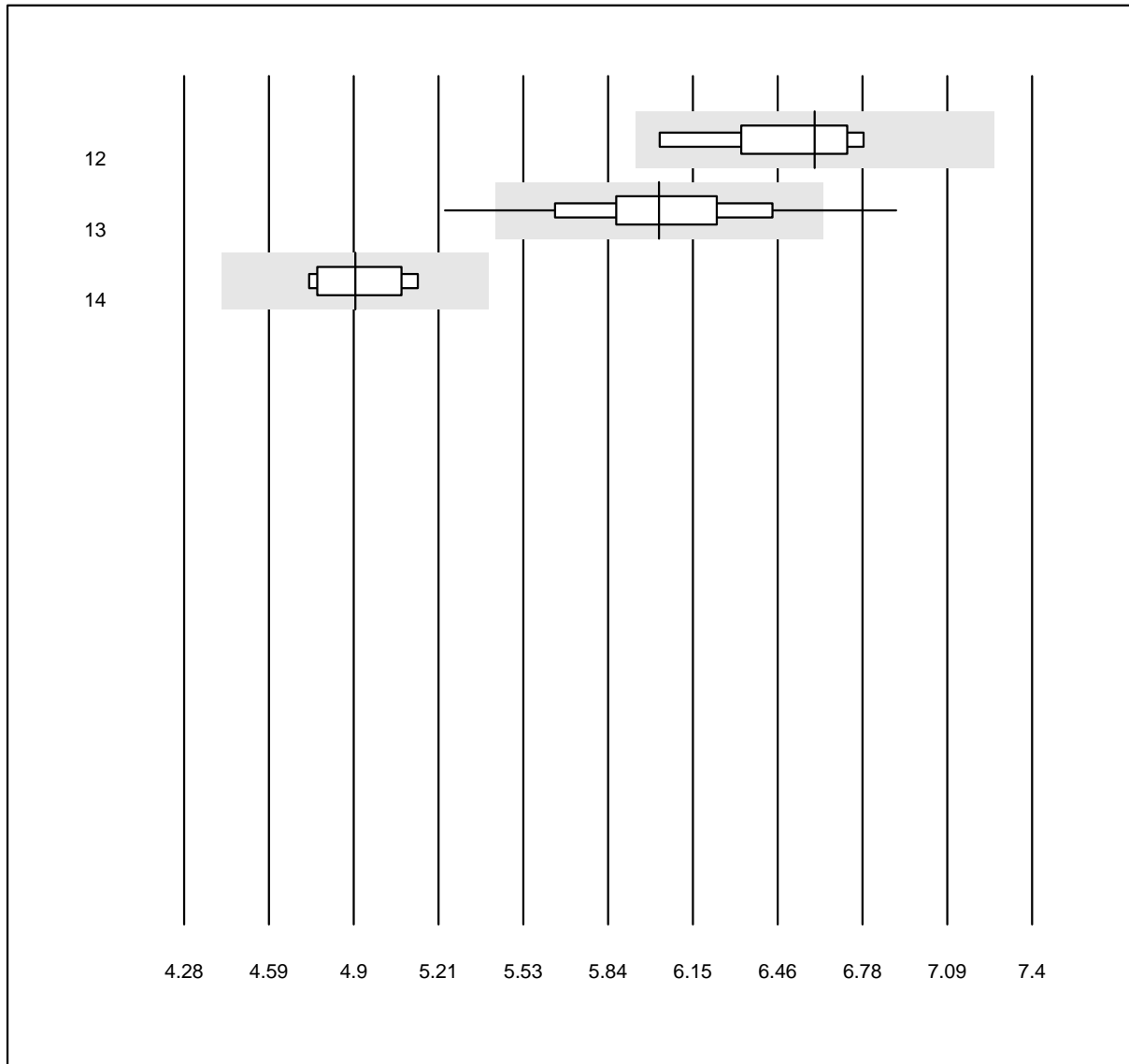
QUALAB Toleranz: 10%

Cholesterol total (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	6.10	1.9	e
2 Beckman	5	100.0	0.0	0.0	6.25	2.4	e
3 Roche	38	100.0	0.0	0.0	5.99	2.3	e
4 Siemens	9	100.0	0.0	0.0	6.10	2.5	e
5 Autolyser	22	95.5	0.0	4.5	6.19	3.8	e
6 Selectra Pro	15	93.3	6.7	0.0	6.13	4.1	e
7 Fuji Dri-Chem	1023	96.5	1.4	2.2	5.66	4.0	e
8 Spotchem D-Concept	500	98.2	1.2	0.6	5.51	3.6	e
9 Spotchem SP-4430	73	94.5	4.1	1.4	5.58	4.6	e
10 Piccolo	22	100.0	0.0	0.0	5.96	1.0	e
11 Vitros	5	80.0	20.0	0.0	6.13	6.1	e*

4 additional results were submitted but not published because the method groups were too small. (< results per group)

Cholesterol total 2



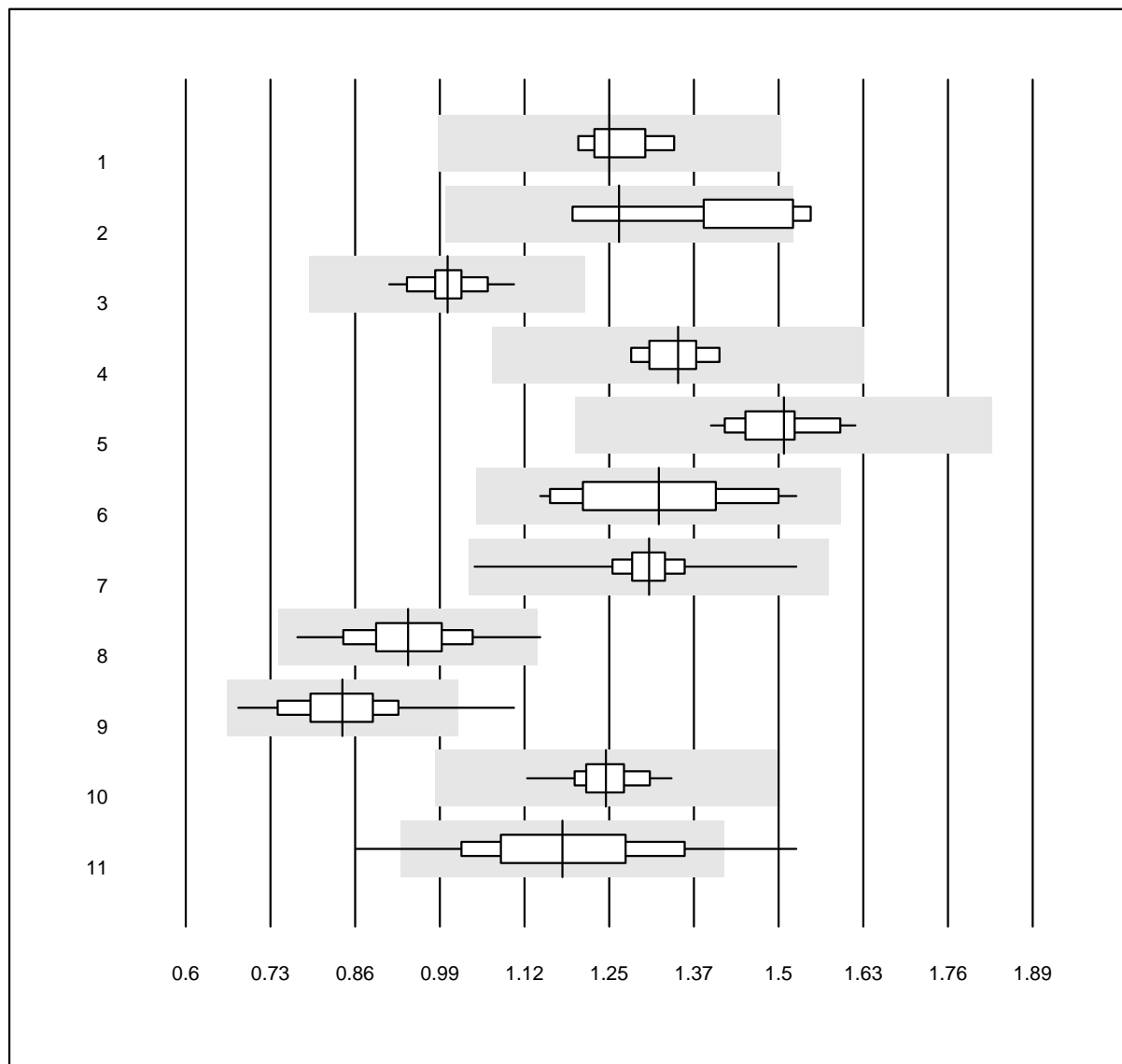
QUALAB Toleranz: 10%

Cholesterol total (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Seamaty	7	100.0	0.0	0.0	6.60	3.7	e*
13 Cholestech LDX	224	90.6	4.9	4.5	6.03	5.1	e
14 Other methods	4	100.0	0.0	0.0	4.91	3.4	e*

4 additional results were submitted but not published because the method groups were too small. (< results per group)

HDL-cholesterol 1



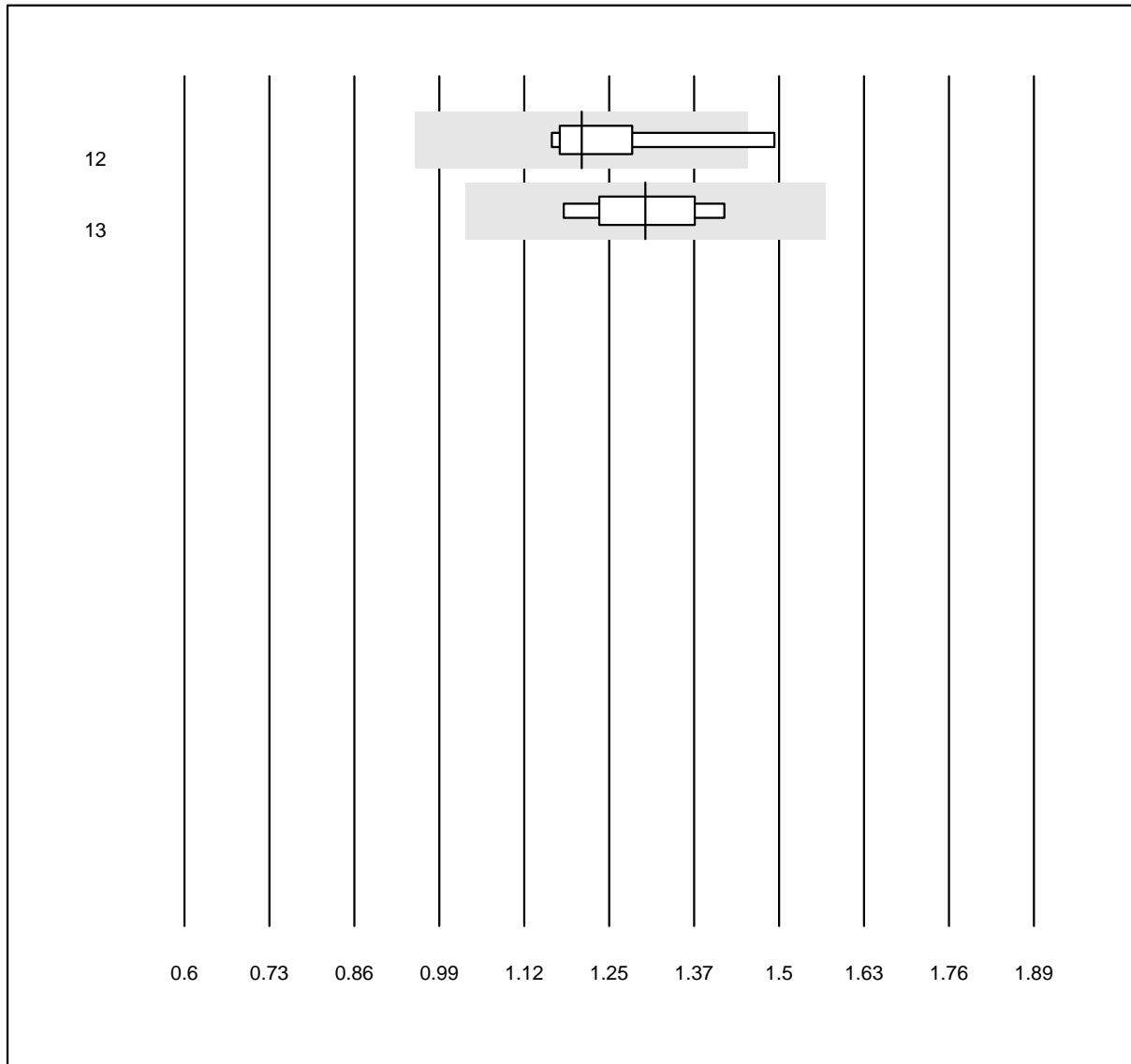
QUALAB Toleranz: 21%

HDL-cholesterol (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	1.25	3.8	e
2 Beckman	5	80.0	20.0	0.0	1.26	7.2	a*
3 Roche	36	100.0	0.0	0.0	1.00	4.4	e
4 Siemens	8	100.0	0.0	0.0	1.35	3.2	e
5 Autolyser	22	90.9	0.0	9.1	1.51	3.9	e
6 Selectra Pro	12	100.0	0.0	0.0	1.32	8.9	e*
7 Fuji Dri-Chem	994	99.4	0.0	0.6	1.31	3.4	e
8 Spotchem D-Concept	488	98.6	0.2	1.2	0.94	7.9	e
9 Spotchem SP-4430	67	95.5	1.5	3.0	0.84	9.1	e
10 Piccolo	20	100.0	0.0	0.0	1.24	3.7	e
11 Cholestech LDX	224	96.0	2.7	1.3	1.17	10.6	e

4 additional results were submitted but not published because the method groups were too small. (< results per group)

HDL-cholesterol 2



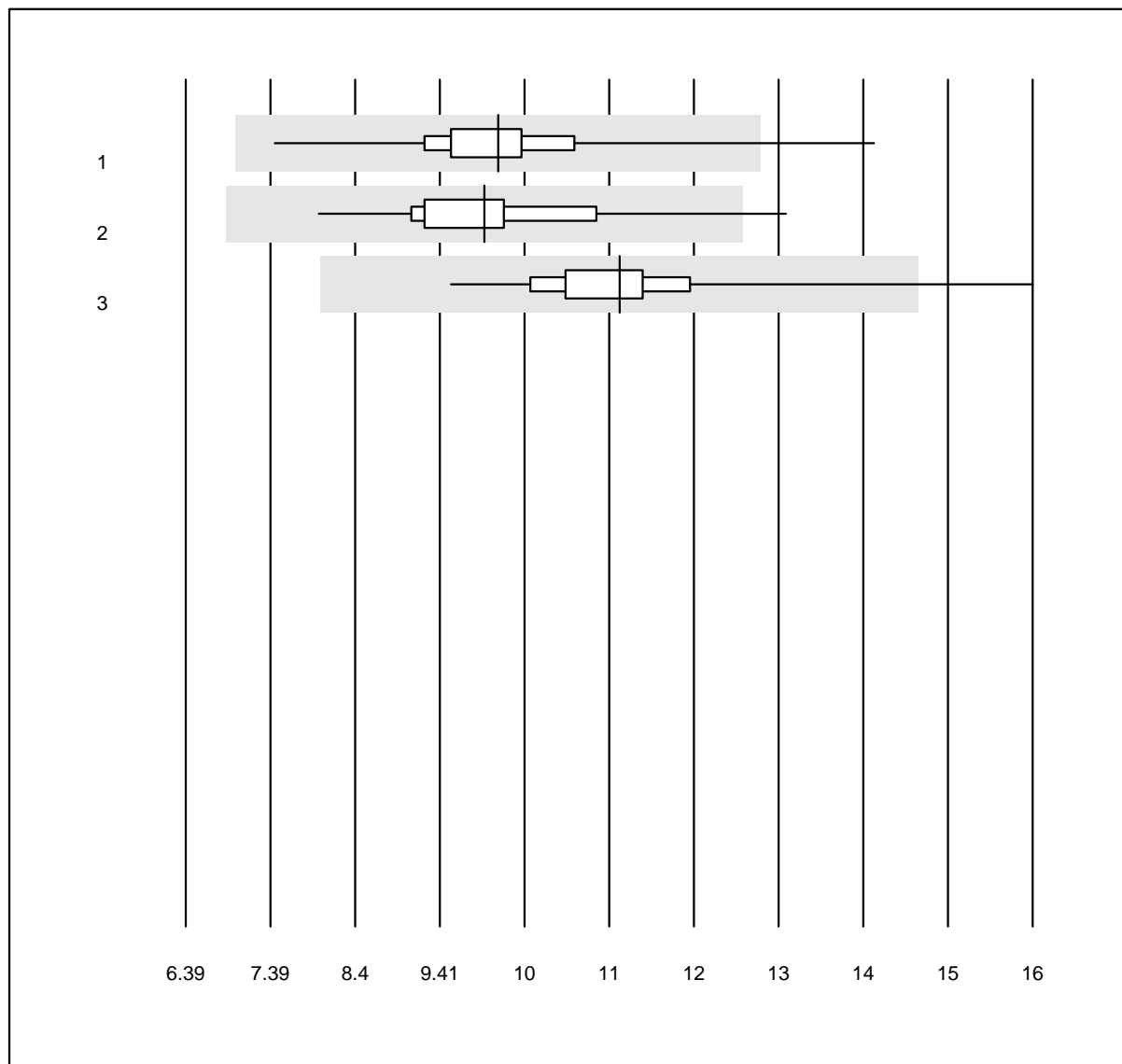
QUALAB Toleranz: 21%

HDL-cholesterol (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Seamaty	7	85.7	14.3	0.0	1.20	8.5	e*
13 Vitros	5	100.0	0.0	0.0	1.30	6.0	e*

4 additional results were submitted but not published because the method groups were too small. (< results per group)

eGFR CKD-EPI

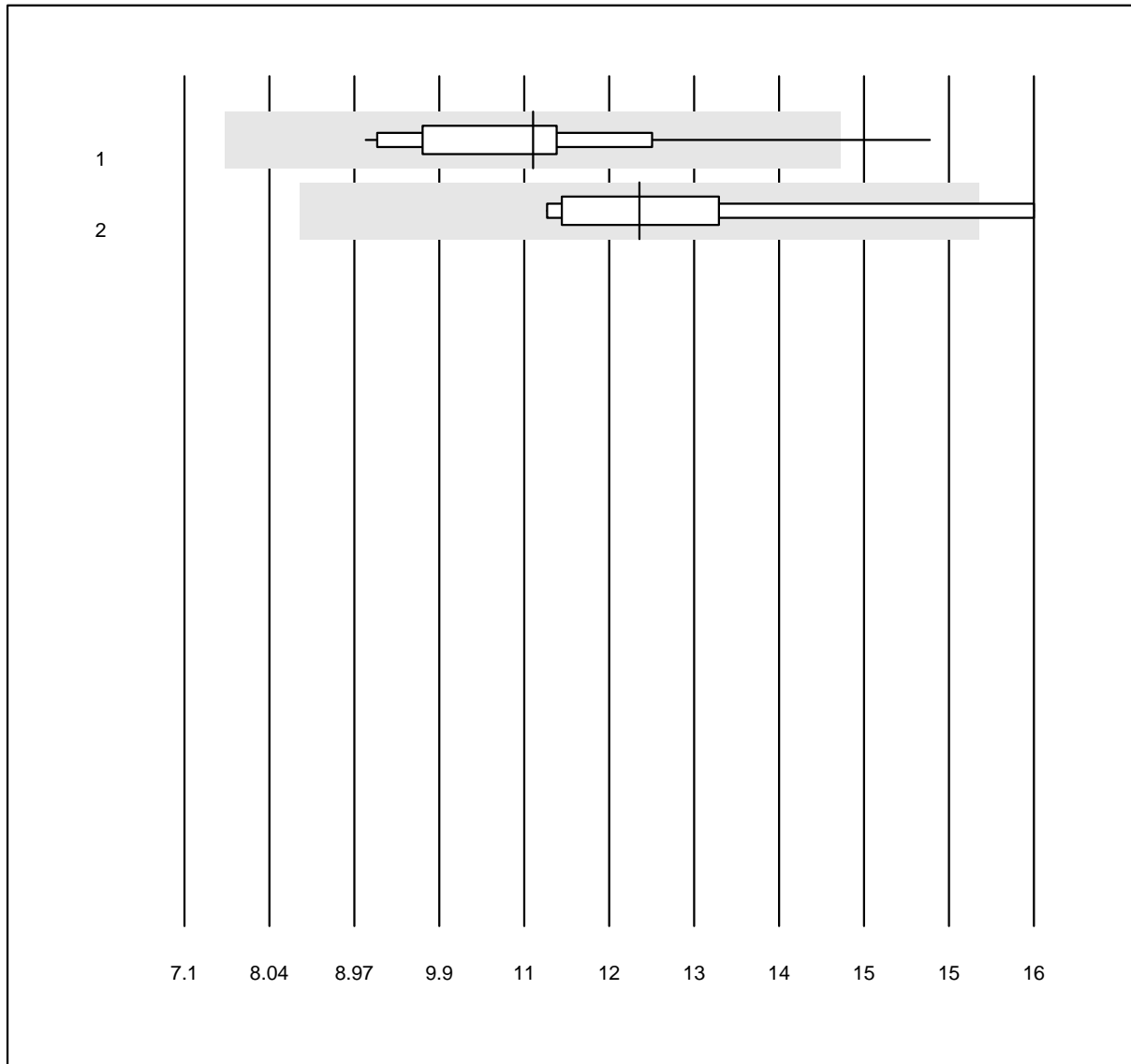


QUALAB Toleranz: 30%

eGFR CKD-EPI ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Fuji Dri-Chem	441	91.8	1.8	6.3	9.9	8.3	e
2 Standard chemistry	58	89.7	3.4	6.9	9.8	10.3	e
3 Spotchem	275	87.6	2.5	9.8	11.3	9.4	e

eGFR Cockcroft-Gault



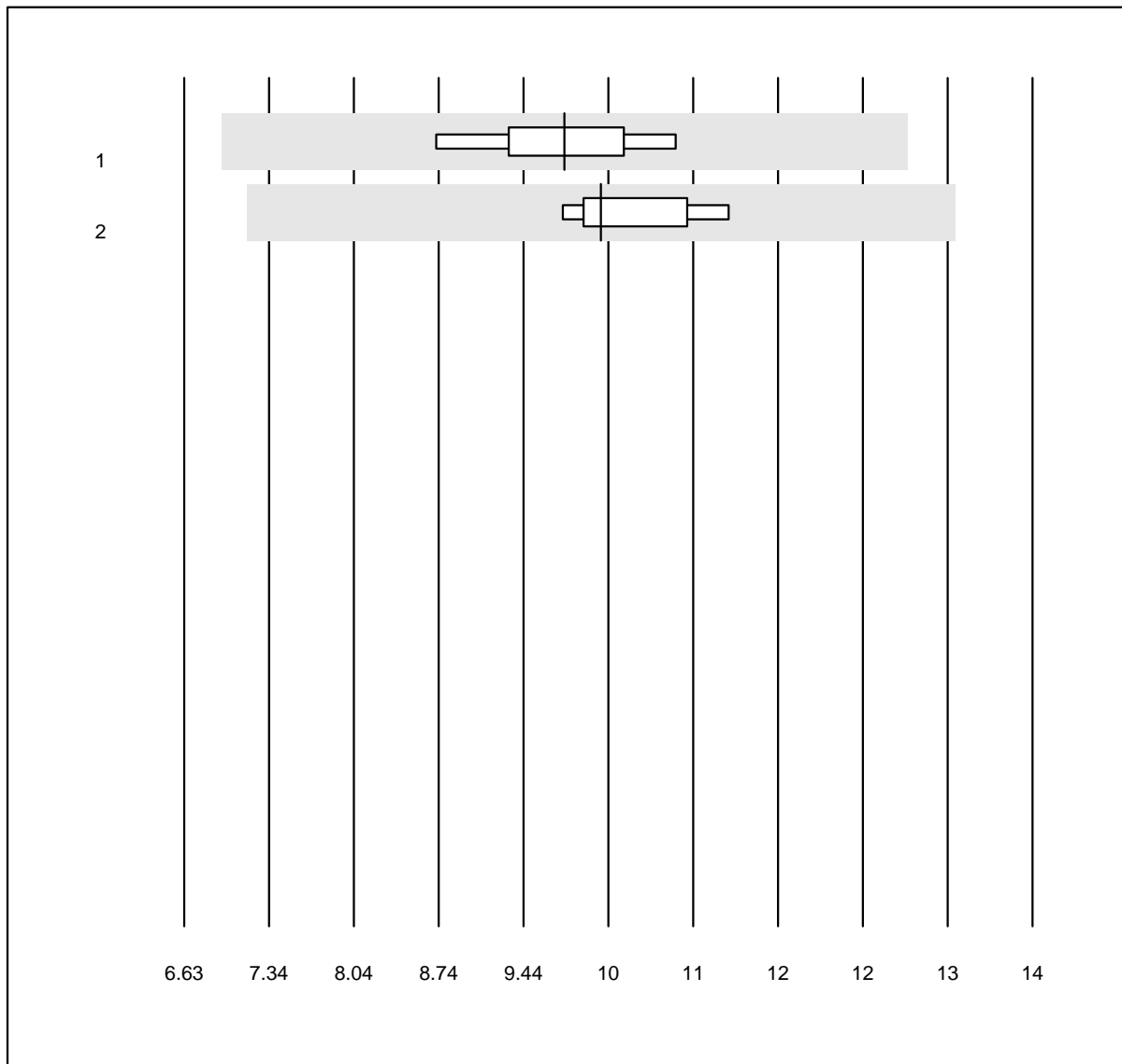
MQ Toleranz: 30%

eGFR Cockcroft-Gault ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Fuji Dri-Chem	23	87.0	4.3	8.7	11	12.2	e
2 Spotchem	9	88.9	11.1	0.0	12	12.9	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

eGFR MDRD



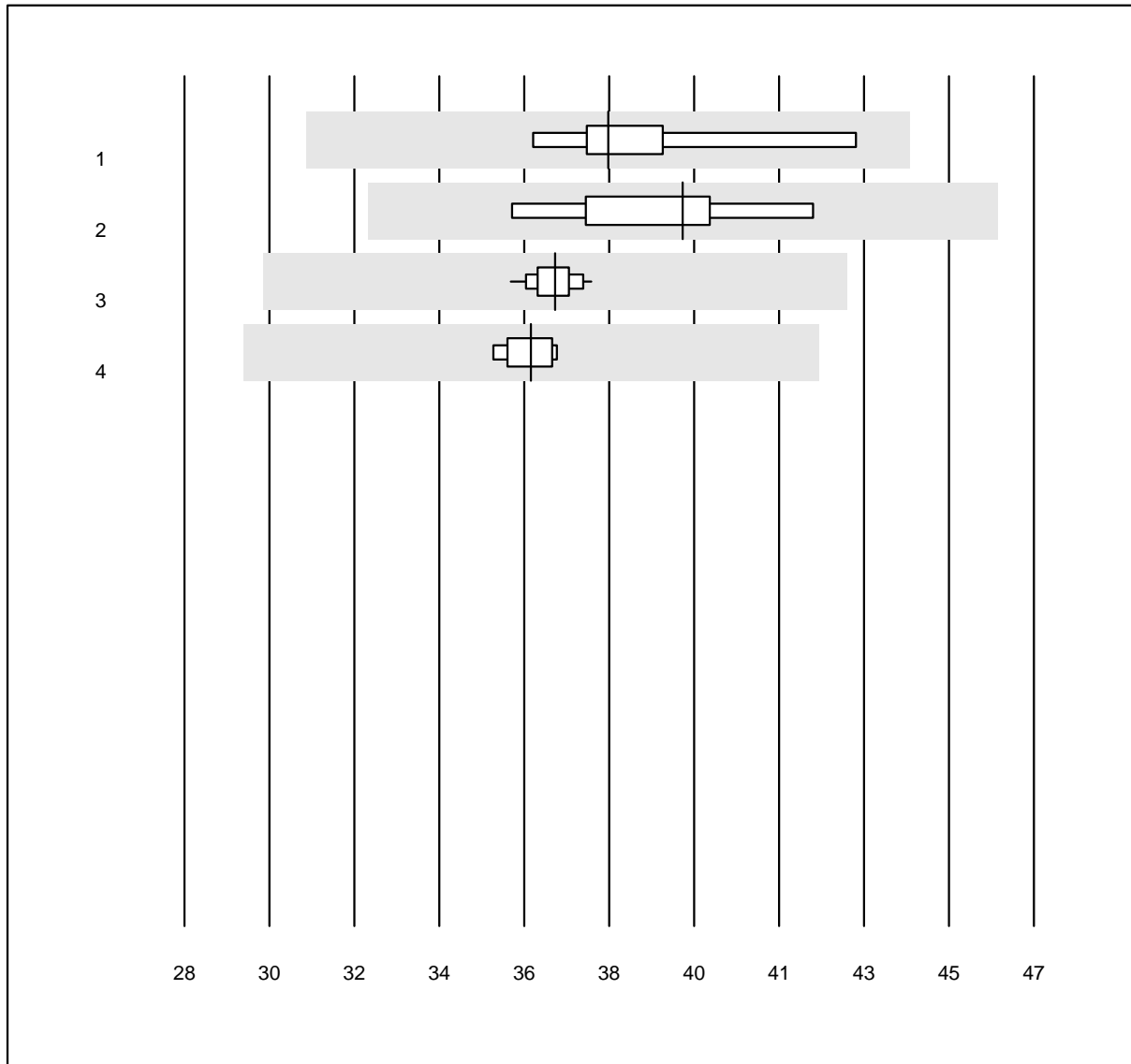
MQ Toleranz: 30%

eGFR MDRD ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Fuji Dri-Chem	5	100.0	0.0	0.0	10	5.9	e
2 Standard chemistry	4	75.0	0.0	25.0	10	4.4	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Iron



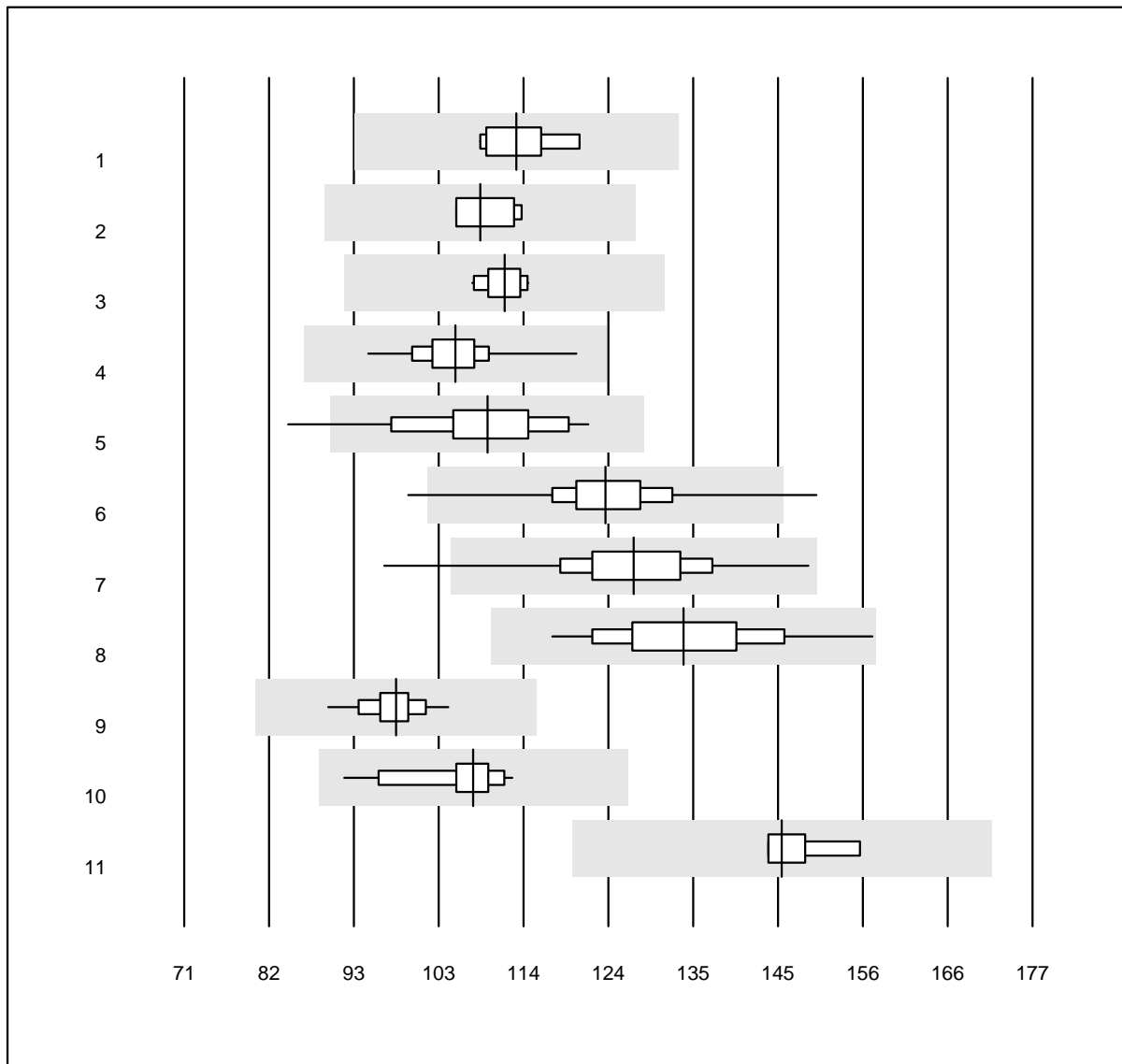
QUALAB Toleranz: 18%

Iron (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	7	100.0	0.0	0.0	37	5.4	a
2 Beckman	6	100.0	0.0	0.0	39	4.9	a
3 Roche	27	100.0	0.0	0.0	36	1.3	a
4 Siemens	6	100.0	0.0	0.0	36	1.5	a

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Gamma-glutamyltransferase 1

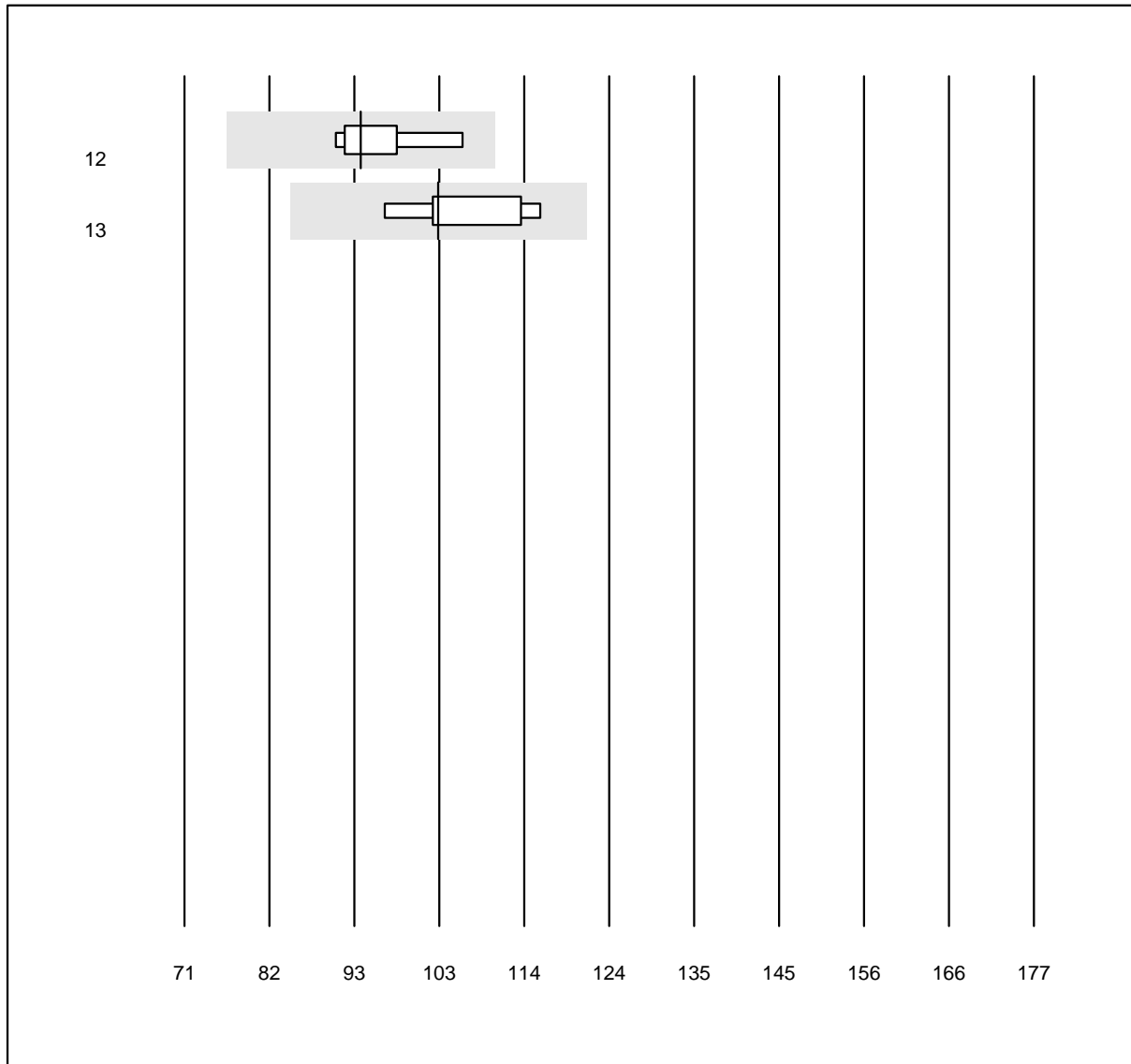


QUALAB Toleranz: 18%

		Gamma-glutamyltransferase					
No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1	Abbott	8	100.0	0.0	0.0	113	3.6 e
2	Beckman	6	100.0	0.0	0.0	108	3.3 e
3	Siemens	10	100.0	0.0	0.0	111	2.0 e
4	Autolyser	22	100.0	0.0	0.0	105	4.6 e
5	Selectra Pro	16	93.8	6.2	0.0	109	7.9 e
6	Fuji Dri-Chem	1188	99.1	0.7	0.3	124	5.2 e
7	Spotchem D-Concept	640	99.4	0.2	0.5	127	6.1 e
8	Spotchem SP-4430	118	100.0	0.0	0.0	133	6.6 e
9	Piccolo	57	100.0	0.0	0.0	97	3.3 e
10	Cobas	49	100.0	0.0	0.0	107	5.5 e
11	Vitros	7	100.0	0.0	0.0	146	2.5 e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Gamma-glutamyltransferase 2

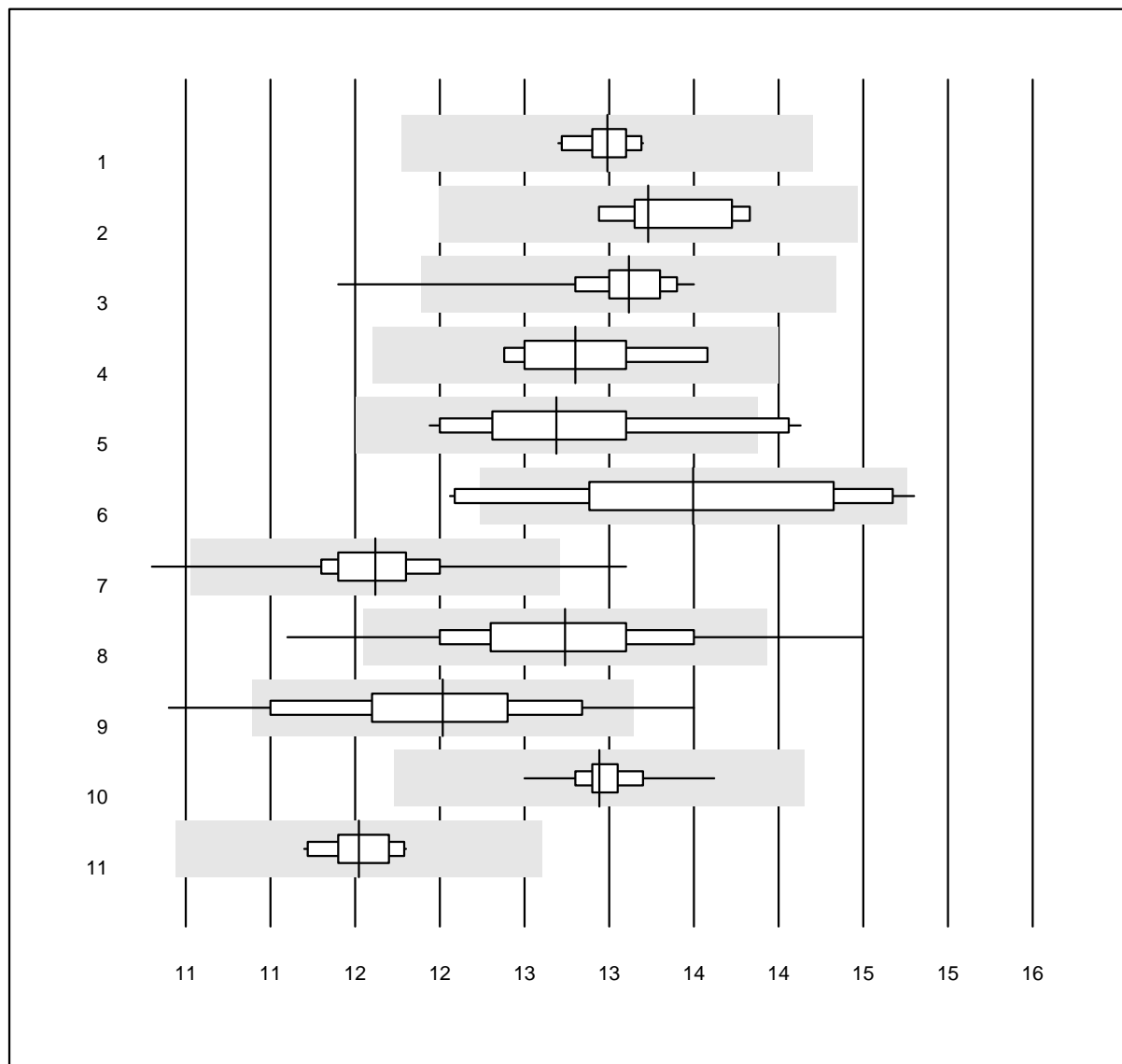


QUALAB Toleranz: 18%

No. Method	Gamma-glutamyltransferase				Target Value	VK %	Type
	Total	% OK	% insuff.	% outlier			
12 Seamaty	8	100.0	0.0	0.0	93	5.3	e
13 Skyla	7	100.0	0.0	0.0	103	6.2	e*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Glucose 1



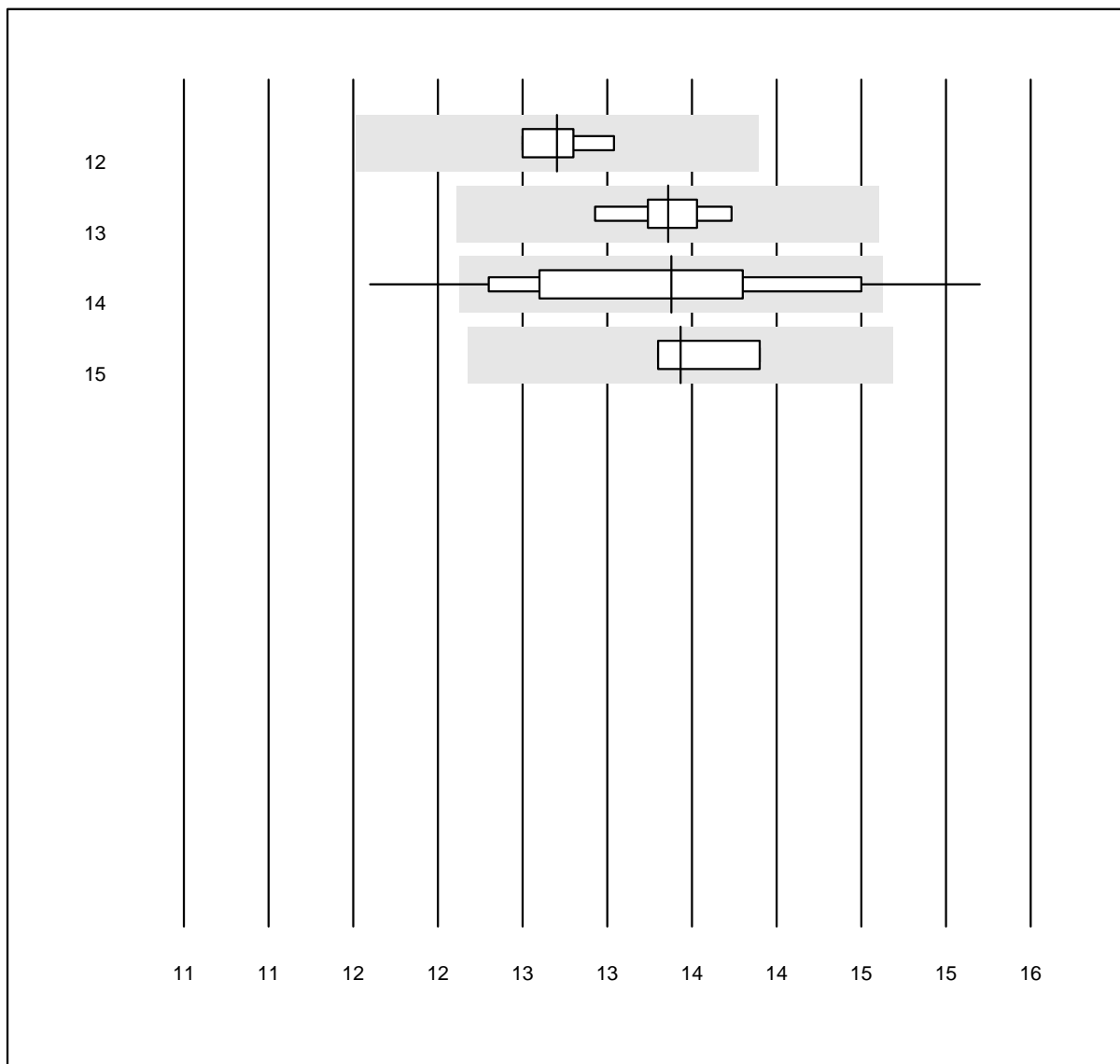
QUALAB Toleranz: 9%

Glucose (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	10	100.0	0.0	0.0	13.5	1.1	e
2 Beckman	6	100.0	0.0	0.0	13.7	2.3	e
3 Roche	52	98.1	1.9	0.0	13.6	2.3	e
4 Siemens	7	100.0	0.0	0.0	13.3	3.0	e*
5 Autolyser	19	89.5	10.5	0.0	13.2	4.8	e*
6 Selectra Pro	16	81.2	18.8	0.0	14.0	6.2	e*
7 Fuji Dri-Chem	1126	99.5	0.2	0.4	12.1	2.4	e
8 Spotchem D-Concept	604	95.2	3.8	1.0	13.2	4.3	e
9 Spotchem SP-4430	91	84.6	11.0	4.4	12.5	5.4	e
10 Piccolo	69	100.0	0.0	0.0	13.4	1.5	e
11 iStat Chem8	10	100.0	0.0	0.0	12.0	1.5	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Glucose 2



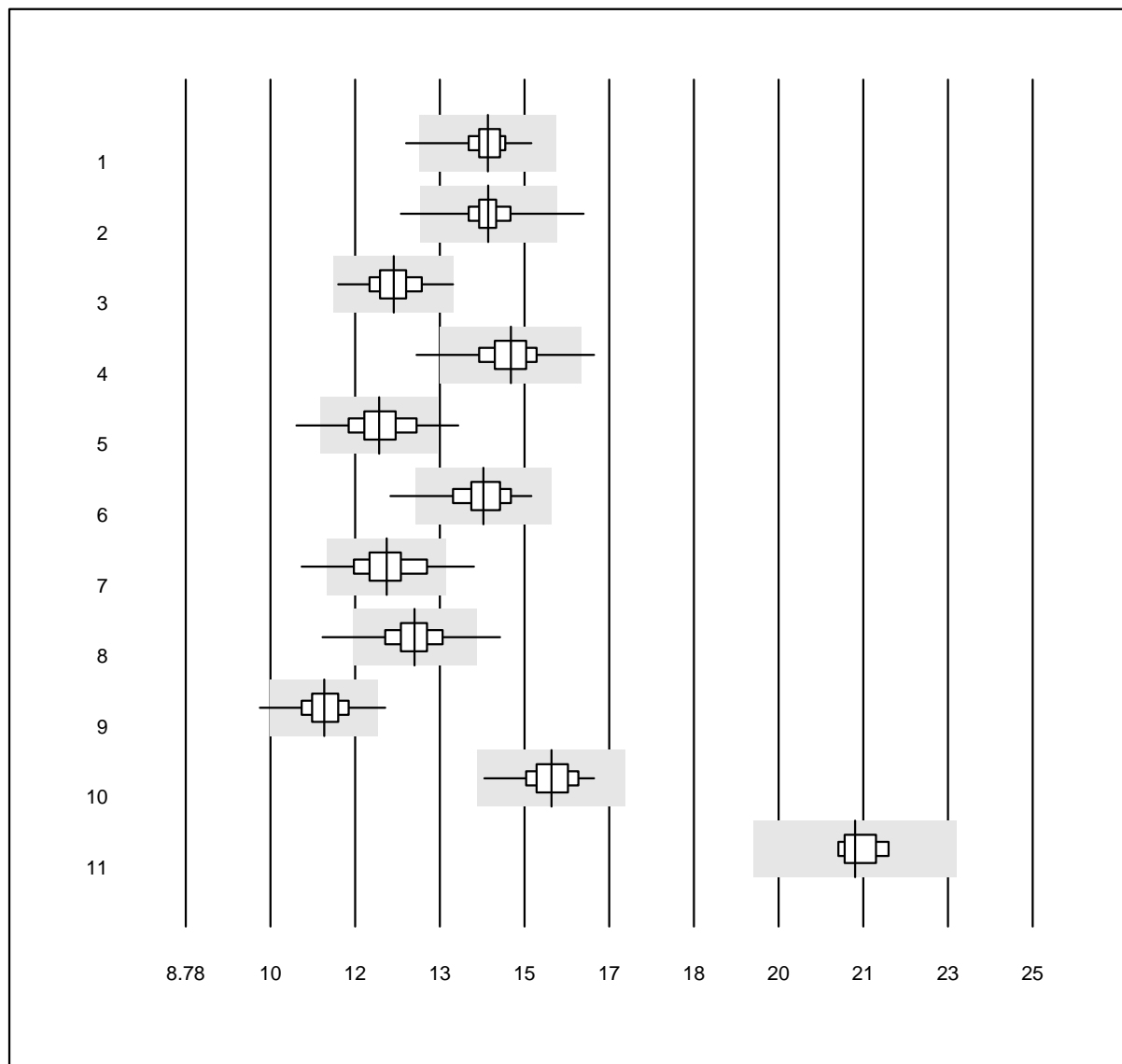
QUALAB Toleranz: 9%

Glucose (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Vitros	7	100.0	0.0	0.0	13.2	1.4	e
13 Seamaty	8	87.5	0.0	12.5	13.9	1.7	e
14 Cholestech LDX	221	80.1	10.9	9.0	13.9	5.9	e
15 Skyla	7	100.0	0.0	0.0	13.9	1.9	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Glucose BGM 1



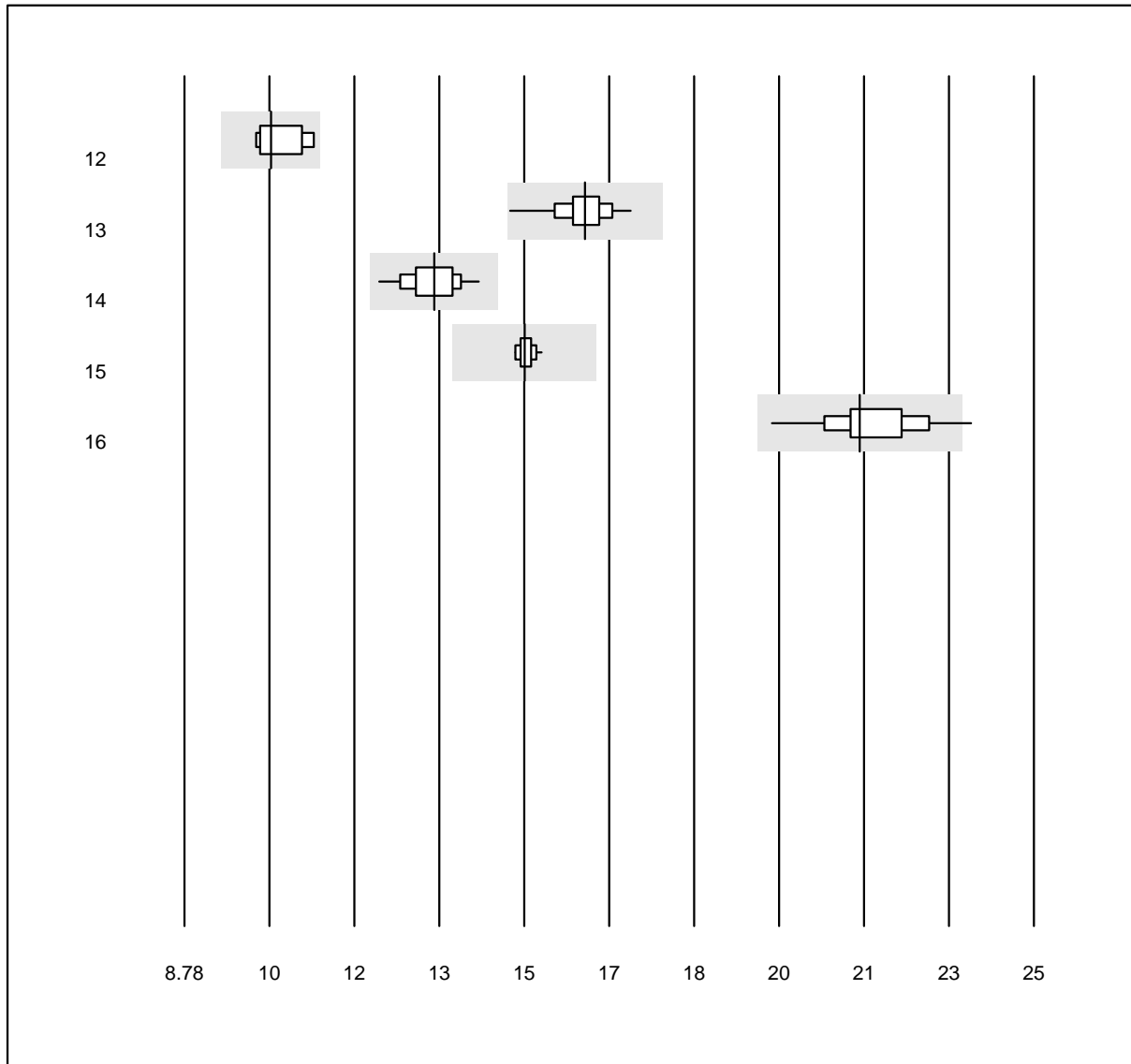
QUALAB Toleranz: 9%

Glucose BGM (mmol/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Hemocue 201RT P-equiv	146	97.3	1.4	1.4	14.6	2.3	e
2	Hemocue 201+ P-equiv	143	95.1	1.4	3.5	14.6	2.6	e
3	Cobas Pulse	277	100.0	0.0	0.0	12.8	3.1	e
4	Accu-Chek Inform 2	934	99.7	0.3	0.0	15.0	2.8	e
5	Accu-Check Guide	329	93.9	4.3	1.8	12.5	4.0	e
6	Accu-Chek Aviva	81	93.8	1.2	4.9	14.5	3.1	e
7	Accu-Chek Instant	139	95.0	2.9	2.2	12.6	4.1	e
8	Contour NEXT/XT	1602	96.6	2.4	1.0	13.2	3.6	e
9	Statstrip/Xpress	111	96.4	2.7	0.9	11.4	3.3	e
10	Mylife UNIO	99	100.0	0.0	0.0	15.8	2.6	e
11	Glucocard	5	60.0	0.0	40.0	21.6	1.4	a

6 additional results were submitted but not published because the method groups were too small. (< results per group)

Glucose BGM 2



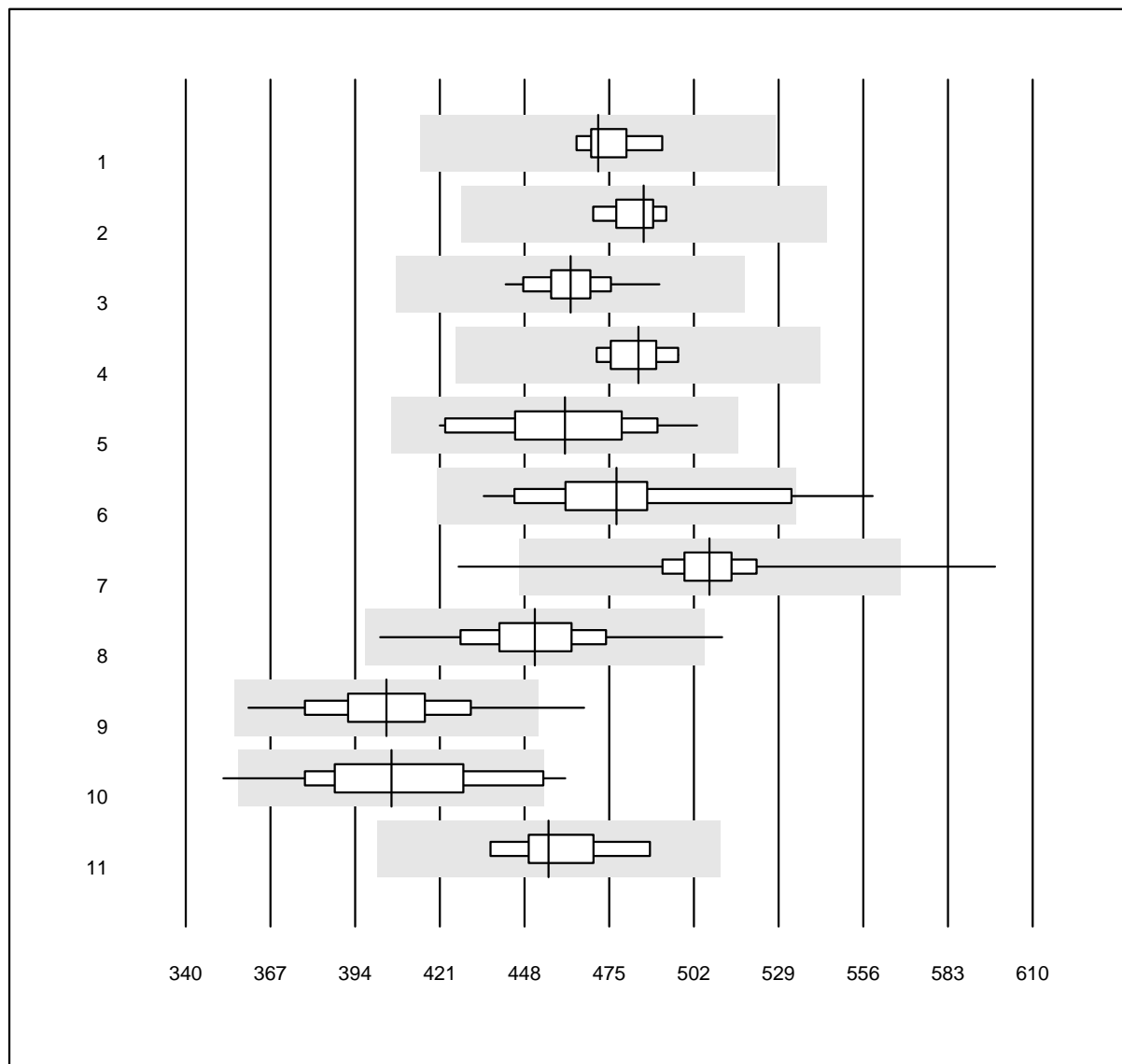
QUALAB Toleranz: 9%

Glucose BGM (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Contour 2 (5s)	5	80.0	0.0	20.0	10.4	4.0	e*
13 mylife Pura	34	100.0	0.0	0.0	16.4	2.7	e
14 OneTouch Verio	27	100.0	0.0	0.0	13.6	3.4	e
15 Alpha Check	14	100.0	0.0	0.0	15.3	0.9	e
16 Healthpro	23	82.6	4.3	13.0	21.7	3.9	e

6 additional results were submitted but not published because the method groups were too small. (< results per group)

Uric Acid 1

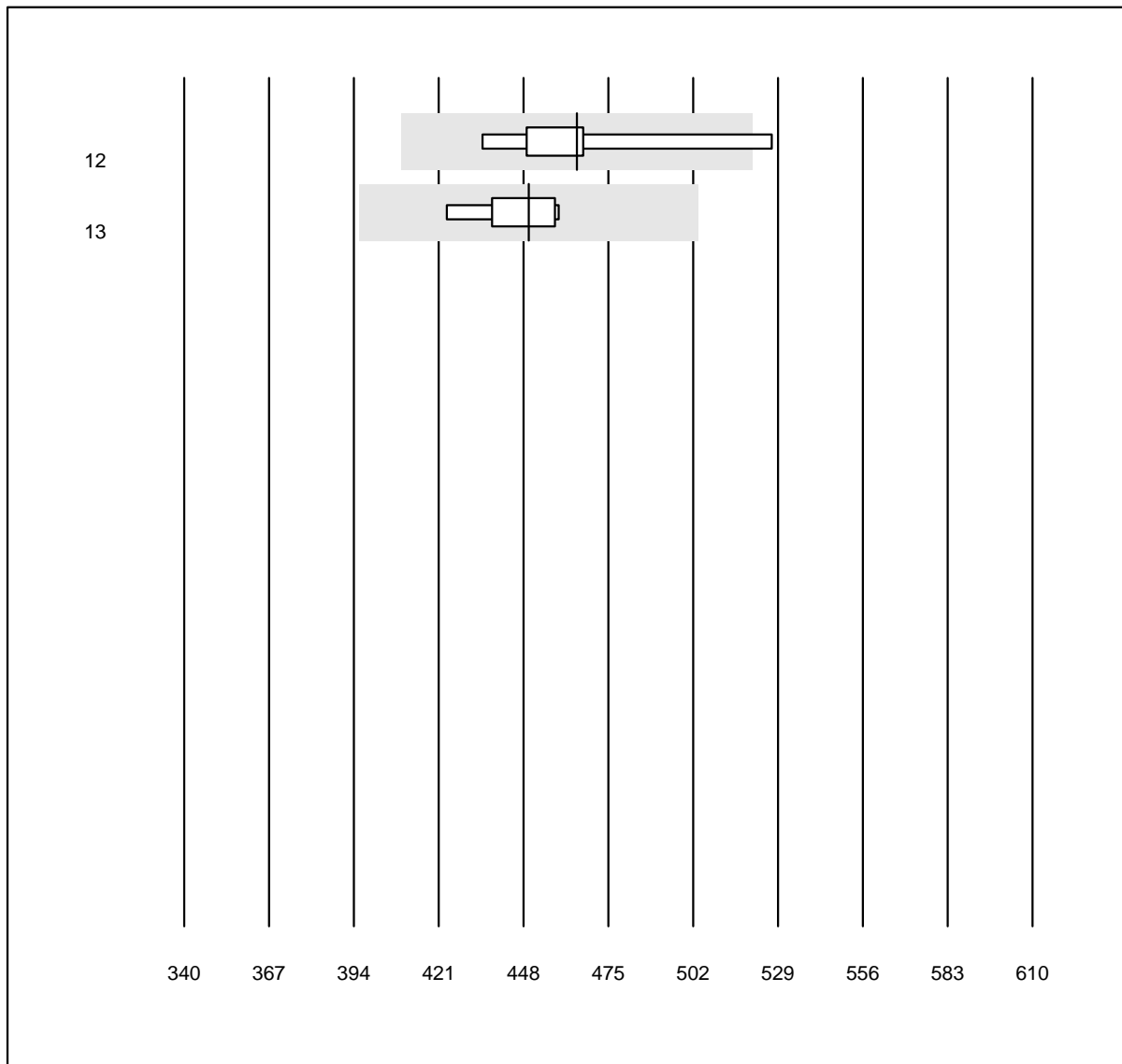


QUALAB Toleranz: 12%

Uric Acid (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	472	1.8	e
2 Beckman	6	100.0	0.0	0.0	486	1.5	e
3 Roche	45	100.0	0.0	0.0	463	2.3	e
4 Siemens	9	100.0	0.0	0.0	484	1.8	e
5 Autolyser	18	100.0	0.0	0.0	461	5.2	e
6 Selectra Pro	16	93.8	6.2	0.0	477	6.3	e*
7 Fuji Dri-Chem	1095	99.0	0.5	0.5	507	2.7	e
8 Spotchem D-Concept	600	98.8	0.3	0.8	451	3.9	e
9 Spotchem SP-4430	90	96.7	3.3	0.0	404	5.1	e
10 Piccolo	33	78.8	9.1	12.1	406	6.8	e
11 Seamaty	7	100.0	0.0	0.0	456	3.3	e

Uric Acid 2

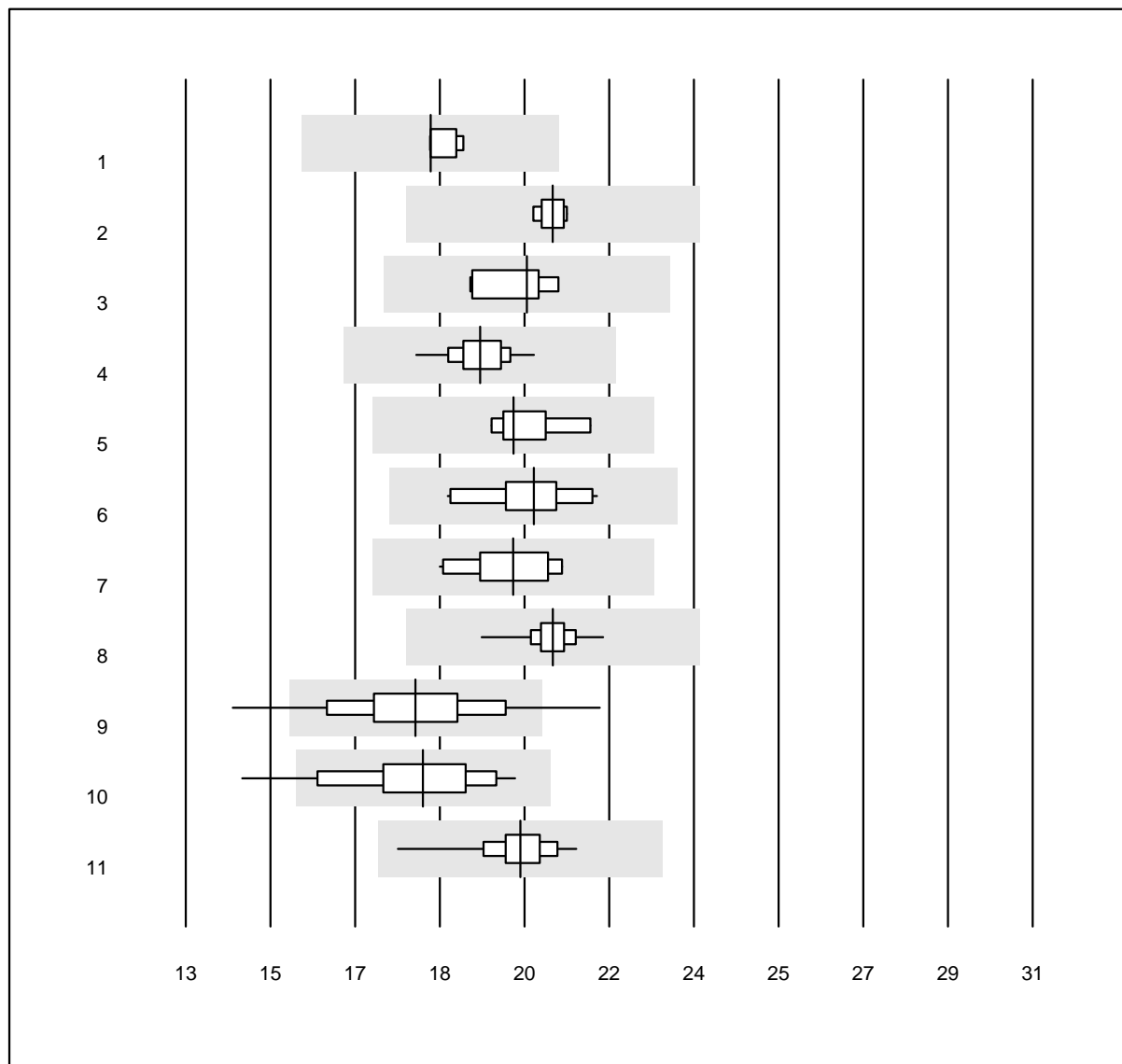


QUALAB Toleranz: 12%

Uric Acid (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Vitros	7	100.0	0.0	0.0	465	5.6	a*
13 Skyla	7	100.0	0.0	0.0	450	2.7	e

Urea 1



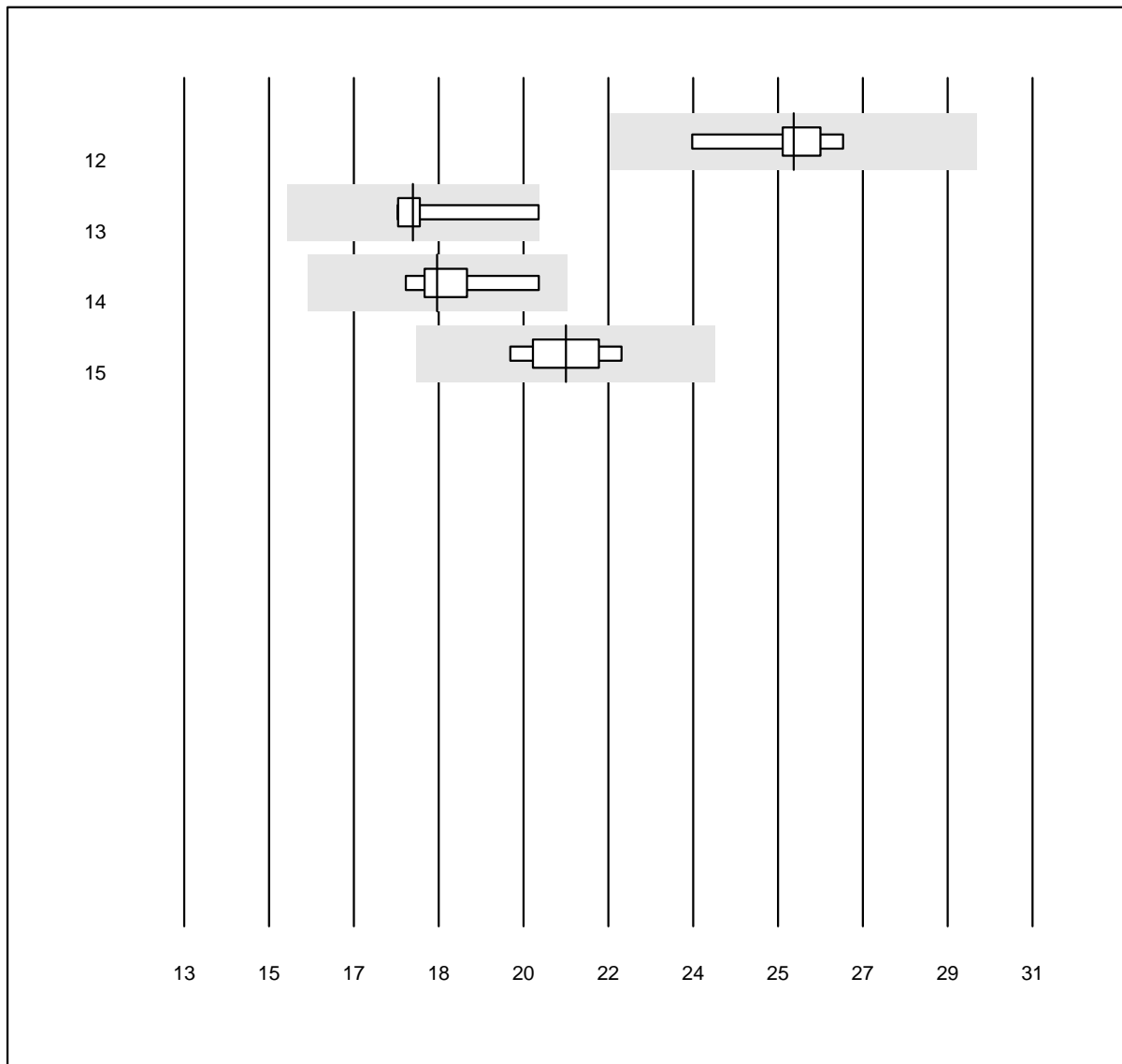
QUALAB Toleranz: 15%

Urea (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 EPOC	6	66.7	0.0	33.3	18.2	1.6	e
2 Abbott	8	100.0	0.0	0.0	20.8	1.2	e
3 Beckman	6	100.0	0.0	0.0	20.3	3.6	e
4 Roche	47	100.0	0.0	0.0	19.3	2.7	e
5 Siemens	9	100.0	0.0	0.0	20.0	3.3	e
6 Autolyser	17	100.0	0.0	0.0	20.4	4.3	e
7 Selectra Pro	10	100.0	0.0	0.0	20.0	4.4	e
8 Fuji Dri-Chem	659	99.4	0.0	0.6	20.8	1.8	e
9 Spotchem D-Concept	339	88.8	8.0	3.2	17.9	8.3	e
10 Spotchem SP-4430	44	93.2	2.3	4.5	18.0	7.5	e
11 Piccolo	62	100.0	0.0	0.0	20.1	3.6	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Urea 2



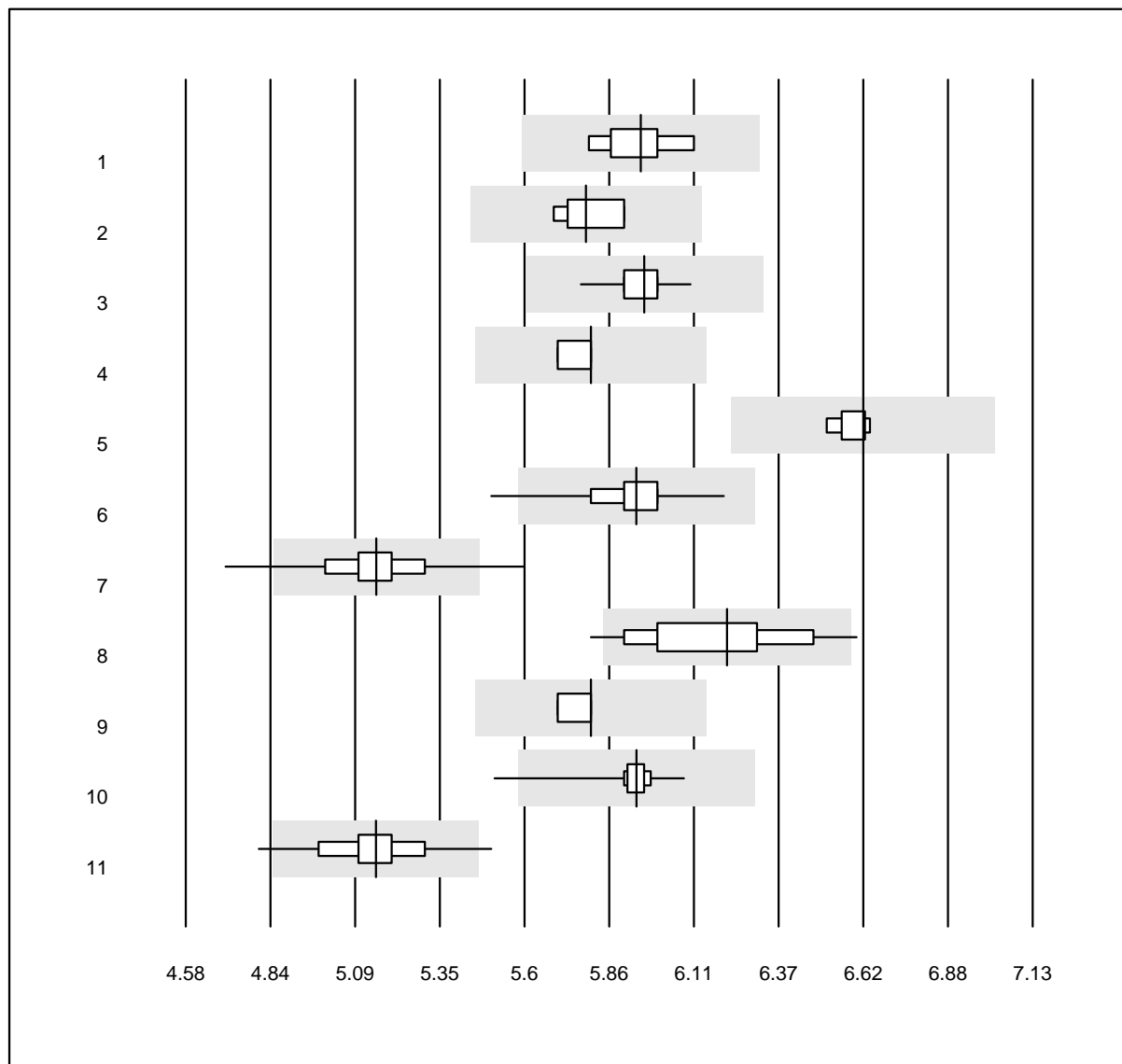
QUALAB Toleranz: 15%

Urea (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 iStat Chem8	7	100.0	0.0	0.0	25.9	3.4	e
13 Seamaty	7	100.0	0.0	0.0	17.9	5.0	e*
14 Vitros	7	100.0	0.0	0.0	18.4	4.4	e
15 Skyla	7	100.0	0.0	0.0	21.1	3.6	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Potassium 1



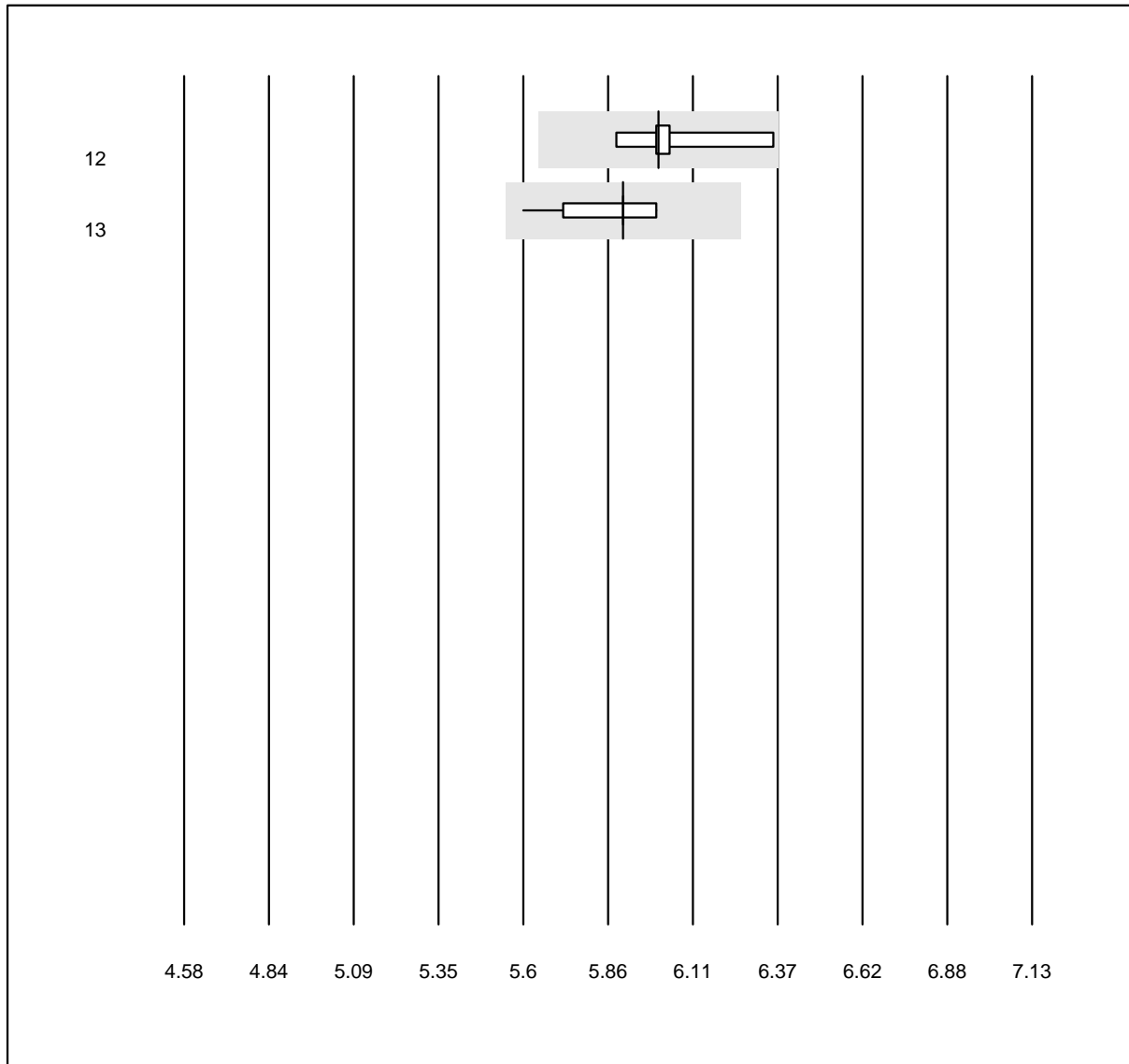
QUALAB Toleranz: 6%

Potassium (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	5.95	1.7	e
2 Beckman	6	100.0	0.0	0.0	5.79	1.4	e
3 Roche	48	100.0	0.0	0.0	5.96	0.9	e
4 Siemens	8	87.5	0.0	12.5	5.80	0.8	e
5 Autolyser	8	50.0	0.0	50.0	6.62	0.6	e
6 Fuji Dri-Chem	1152	98.8	0.5	0.7	5.94	1.6	e
7 Spotchem D-Concept	552	98.4	0.9	0.7	5.15	2.1	e
8 Piccolo	35	82.9	8.6	8.6	6.21	3.4	e
9 iStat Chem8	12	100.0	0.0	0.0	5.80	0.9	e
10 Exias	62	98.4	1.6	0.0	5.94	1.1	e
11 Spotchem EL-SE 1520	68	92.6	5.9	1.5	5.15	2.7	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Potassium 2



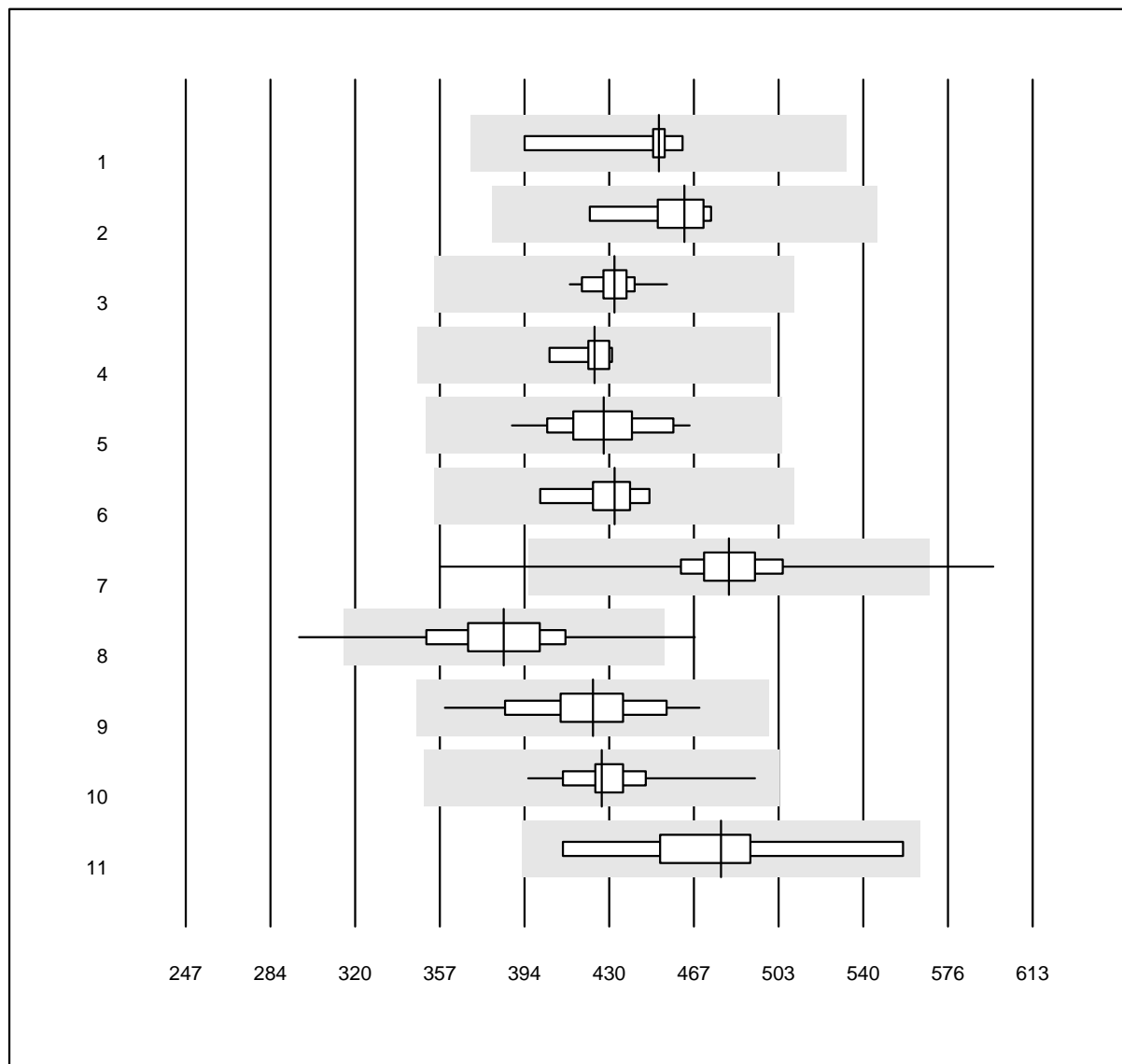
QUALAB Toleranz: 6%

Potassium (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Vitros	7	100.0	0.0	0.0	6.01	2.1	e*
13 i-Smart 30 PRO	16	93.8	0.0	6.2	5.90	1.6	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Creatine kinase 1



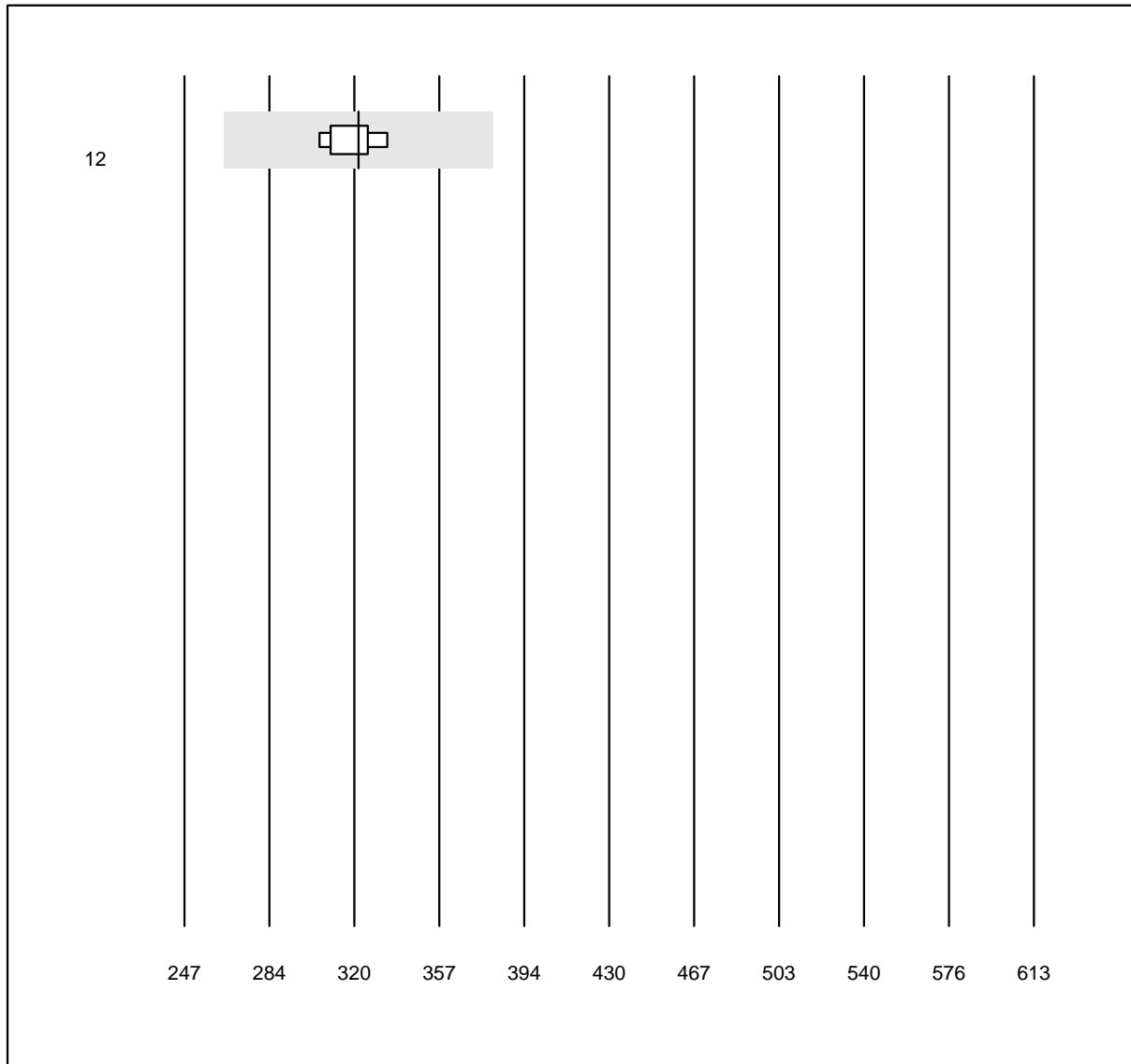
QUALAB Toleranz: 18%

Creatine kinase (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	452	4.4	e
2 Beckman	6	100.0	0.0	0.0	463	3.4	e
3 Roche	45	100.0	0.0	0.0	432	1.9	e
4 Siemens	7	100.0	0.0	0.0	424	1.9	e
5 Autolyser	17	100.0	0.0	0.0	428	4.4	e
6 Selectra Pro	7	100.0	0.0	0.0	432	3.3	e
7 Fuji Dri-Chem	687	97.8	1.0	1.2	482	4.4	e
8 Spotchem D-Concept	328	99.4	0.6	0.0	384	6.1	e
9 Spotchem SP-4430	35	100.0	0.0	0.0	423	5.8	e
10 Piccolo	23	91.3	0.0	8.7	427	4.4	e
11 Seamaty	7	100.0	0.0	0.0	478	8.3	e*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Creatine kinase 2



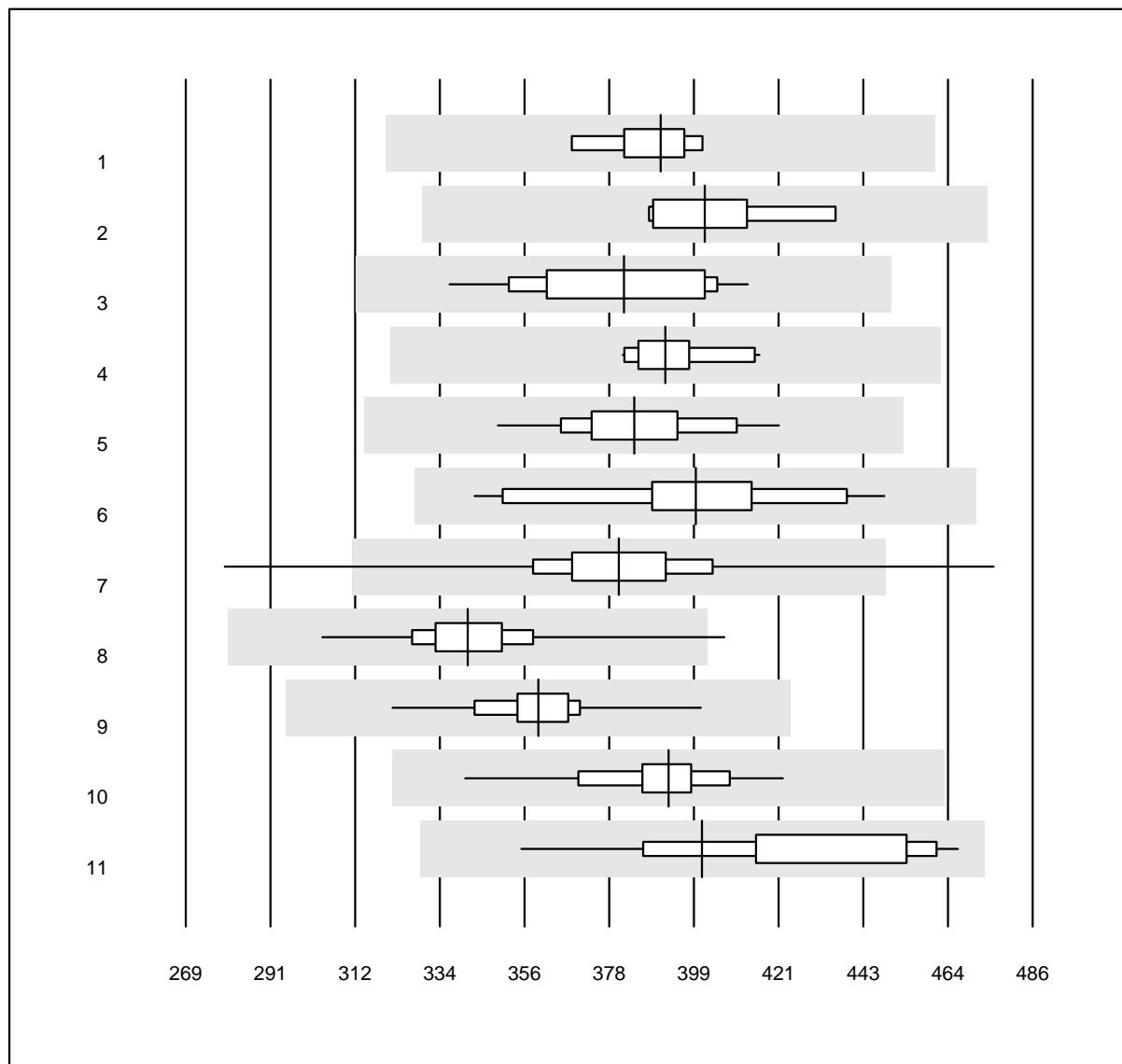
QUALAB Toleranz: 18%

Creatine kinase (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Vitros	7	100.0	0.0	0.0	322	3.0	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Creatinine 1



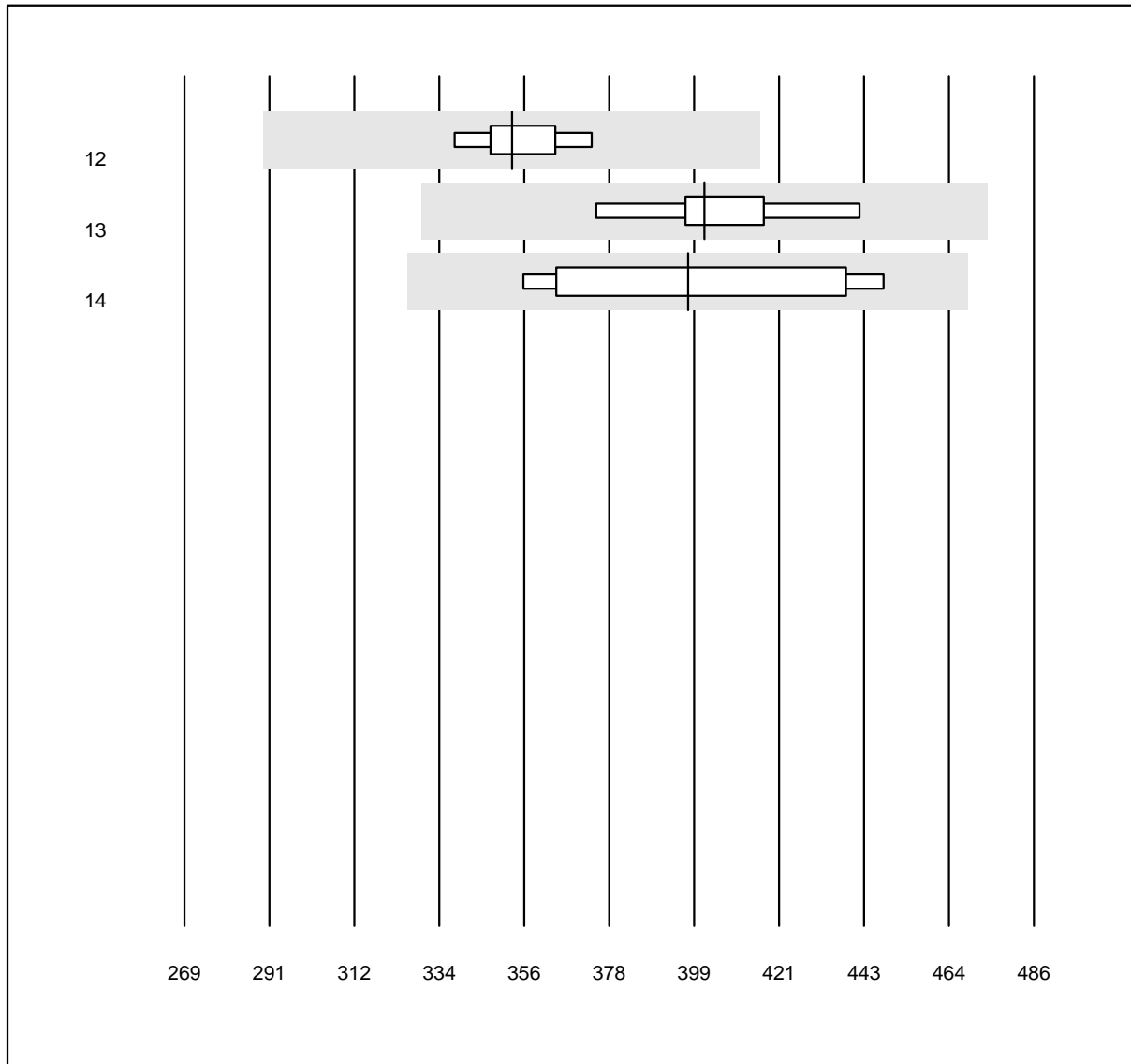
QUALAB Toleranz: 18%

Creatinine (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	391	2.7	e
2 Beckman	6	100.0	0.0	0.0	402	3.7	e
3 Roche	48	100.0	0.0	0.0	381	5.7	e
4 Siemens	10	100.0	0.0	0.0	392	2.7	e
5 Autolyser	22	100.0	0.0	0.0	384	4.3	e
6 Selectra Pro	17	100.0	0.0	0.0	400	6.6	e
7 Fuji Dri-Chem	1222	99.0	0.3	0.7	380	4.9	e
8 Spotchem D-Concept	655	99.2	0.2	0.6	341	3.7	e
9 Spotchem SP-4430	131	98.5	0.0	1.5	359	3.2	e
10 Piccolo	65	100.0	0.0	0.0	393	3.8	e
11 EPOC	22	77.3	0.0	22.7	401	6.6	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Creatinine 2



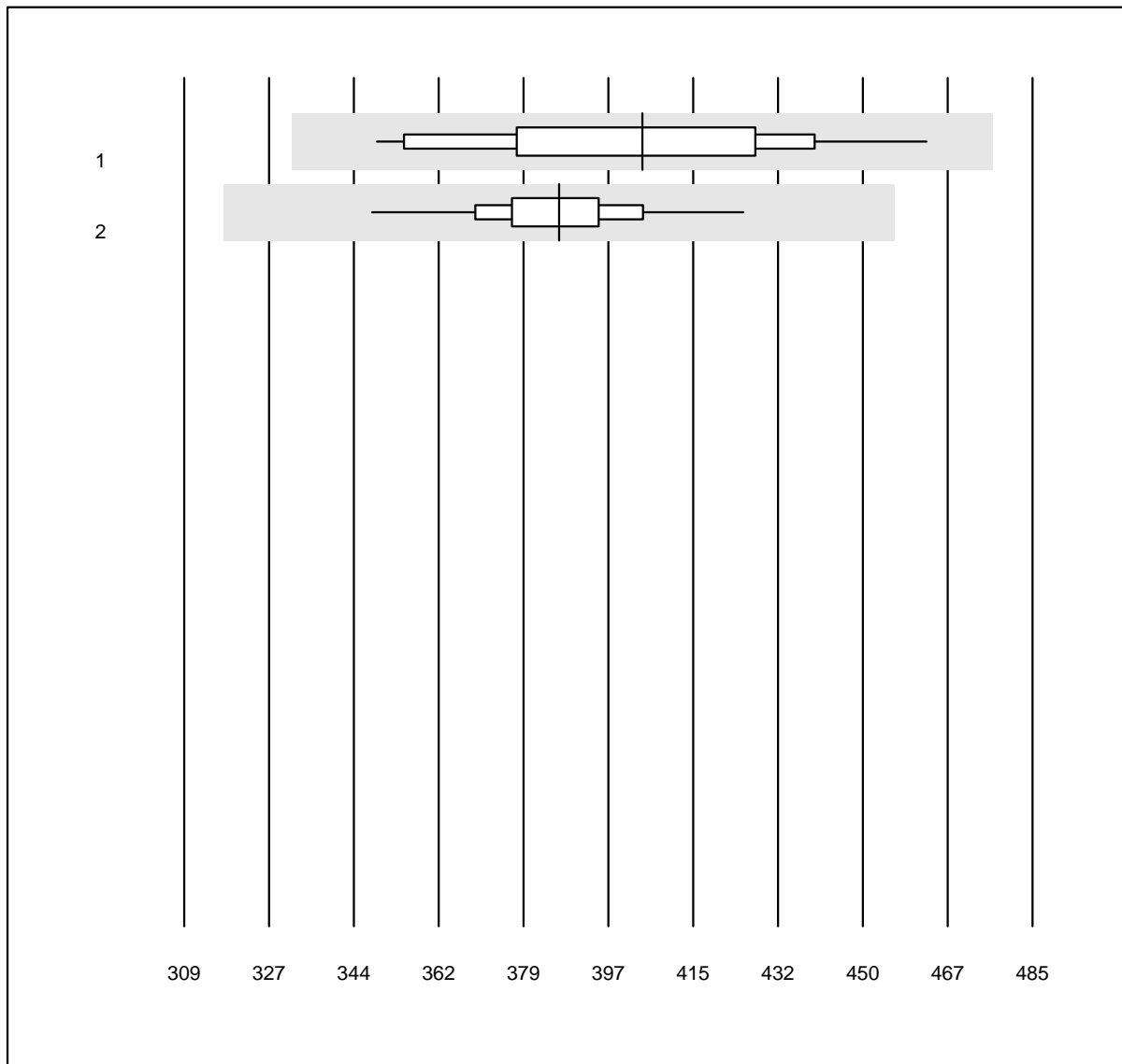
QUALAB Toleranz: 18%

Creatinine (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Seamaty	8	100.0	0.0	0.0	353	3.1	e
13 Vitros	7	100.0	0.0	0.0	402	4.6	e
14 Skyla	7	100.0	0.0	0.0	398	8.4	e*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Creatinine E

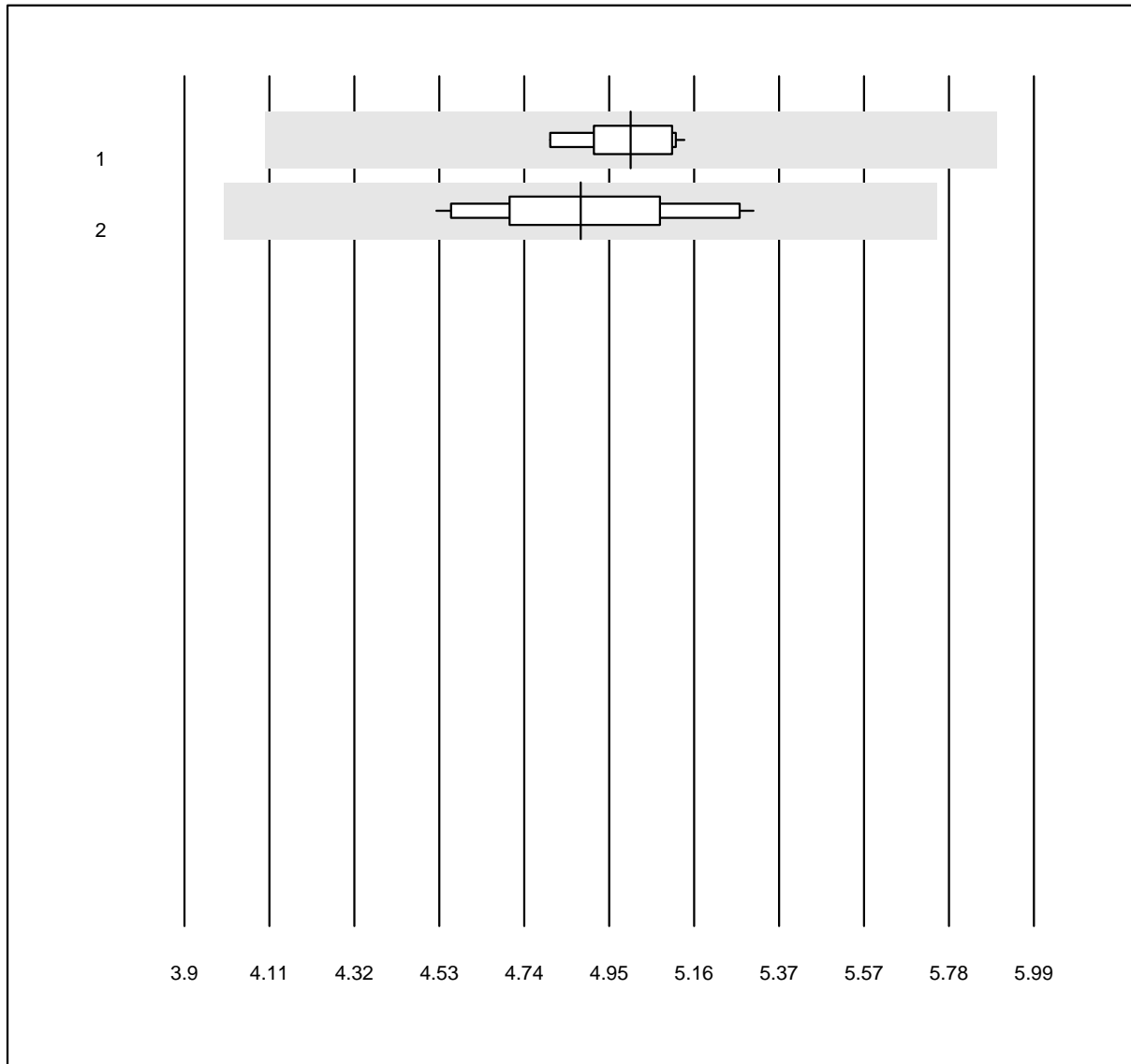


QUALAB Toleranz: 18%

Creatinine E (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	17	100.0	0.0	0.0	404	7.7	e
2 iStat Chem8	47	100.0	0.0	0.0	387	3.7	e

Lactate



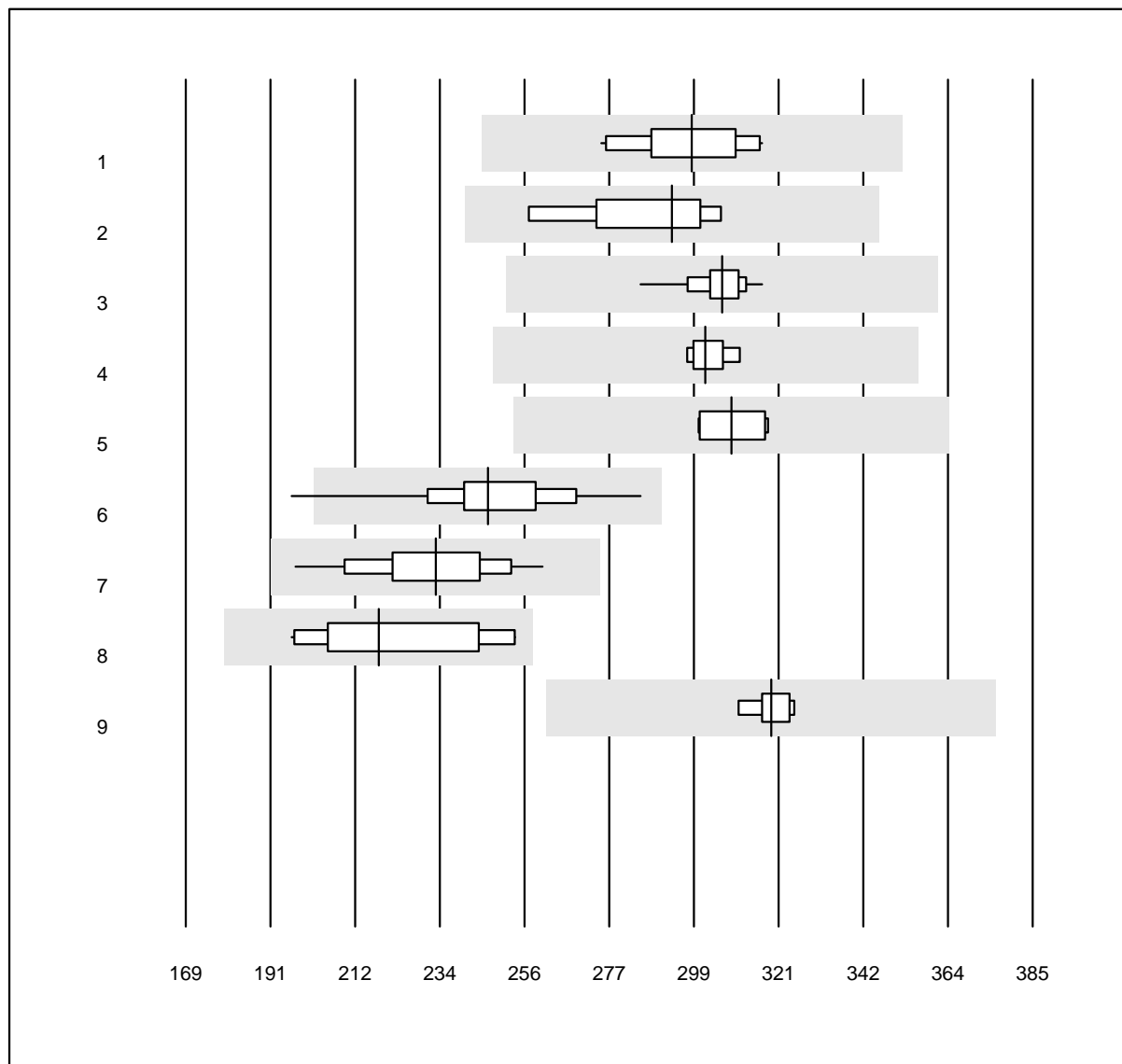
QUALAB Toleranz: 18%

Lactate (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	16	100.0	0.0	0.0	5.00	2.1	e
2 Other methods	12	91.7	0.0	8.3	4.88	4.7	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

LDH



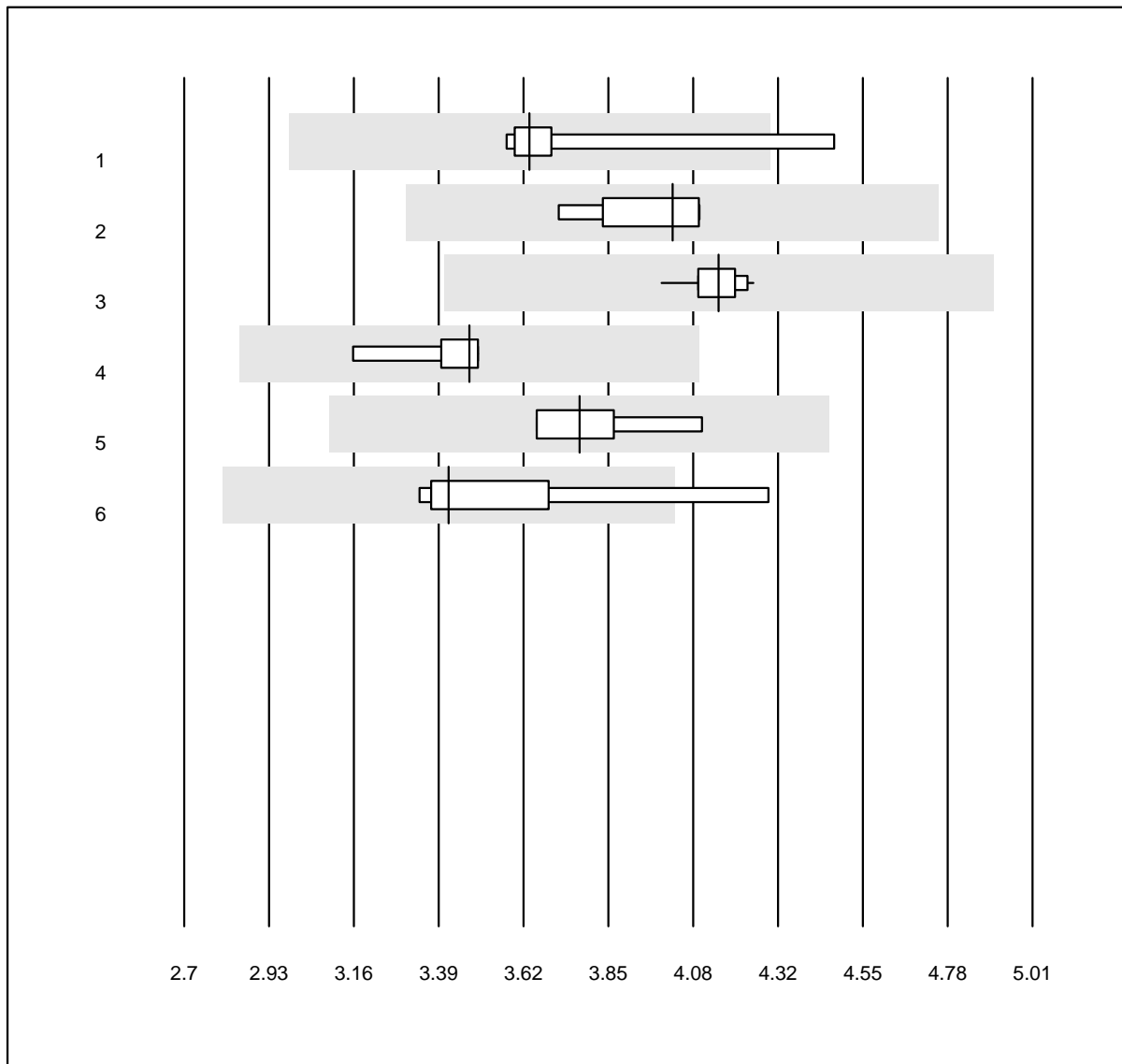
QUALAB Toleranz: 18%

LDH (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	10	100.0	0.0	0.0	298	4.2	e
2 Beckman	4	100.0	0.0	0.0	293	5.1	e*
3 Roche	46	100.0	0.0	0.0	306	2.1	e
4 Siemens	8	100.0	0.0	0.0	302	1.5	e
5 Autolyser	4	100.0	0.0	0.0	308	3.1	e
6 Fuji Dri-Chem	95	89.5	1.1	9.5	246	6.2	e
7 Spotchem D-Concept	37	91.9	0.0	8.1	233	6.8	e
8 Spotchem SP-4430	11	90.9	0.0	9.1	218	9.6	e*
9 Vitros	7	100.0	0.0	0.0	318	1.4	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Cholesterol LDL



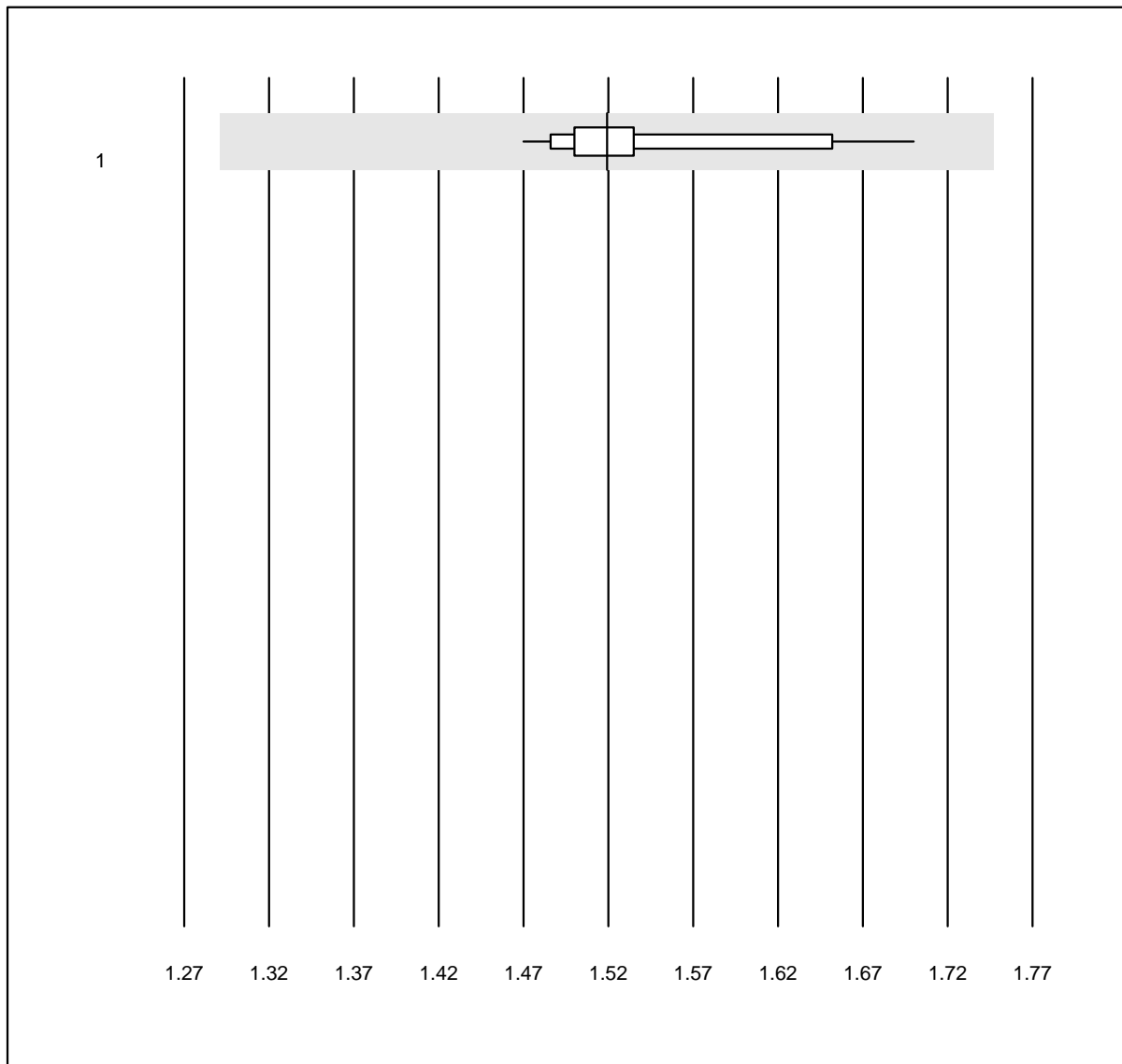
QUALAB Toleranz: 18%

Cholesterol LDL (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	87.5	12.5	0.0	3.6	7.3	e*
2 Beckman	4	100.0	0.0	0.0	4.0	3.6	e
3 Roche	25	100.0	0.0	0.0	4.2	1.4	e
4 Siemens	7	100.0	0.0	0.0	3.5	3.2	e
5 Autolyser	7	100.0	0.0	0.0	3.8	3.9	e
6 Selectra	6	83.3	16.7	0.0	3.4	8.3	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Lithium



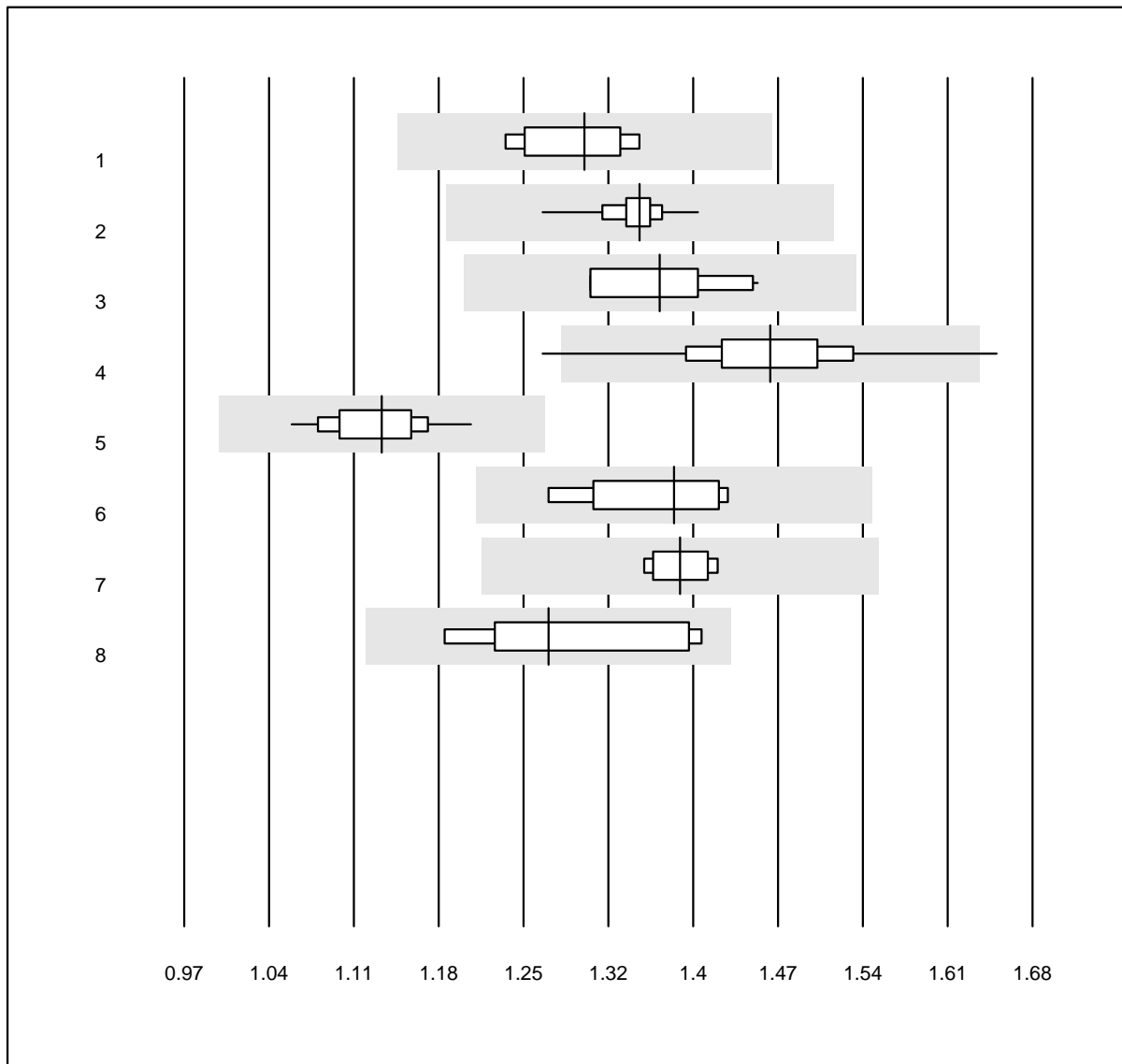
QUALAB Toleranz: 15%

Lithium (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	17	100.0	0.0	0.0	1.52	3.8	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Magnesium



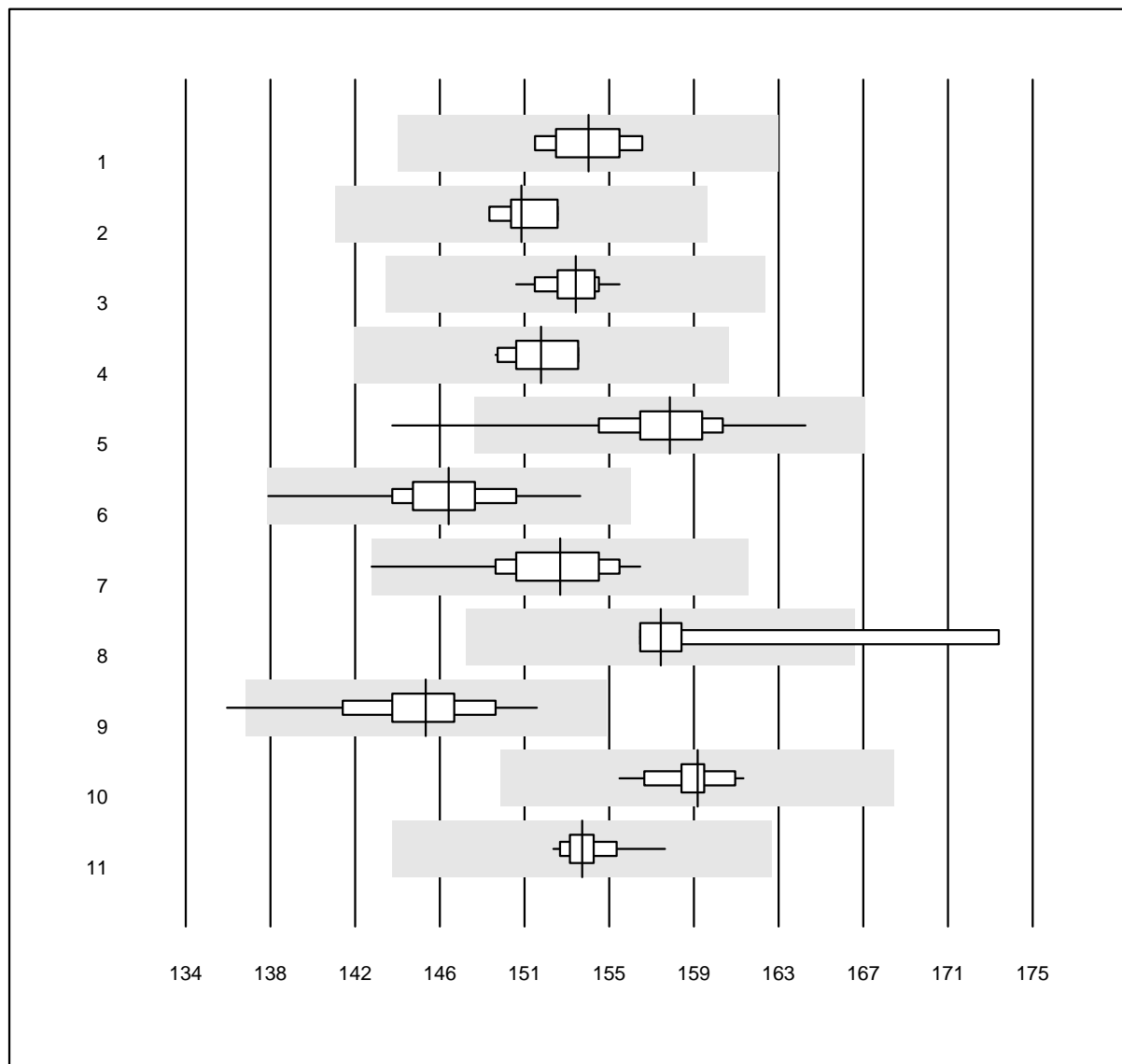
QUALAB Toleranz: 12%

Magnesium (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	1.30	3.1	e
2 Roche	41	100.0	0.0	0.0	1.35	1.6	e
3 Siemens	11	100.0	0.0	0.0	1.37	3.5	e
4 Fuji Dri-Chem	52	94.2	3.8	1.9	1.46	4.3	e
5 Spotchem D-Concept	25	100.0	0.0	0.0	1.14	3.1	e
6 Piccolo	4	100.0	0.0	0.0	1.38	4.1	e*
7 Beckman	4	100.0	0.0	0.0	1.39	1.7	e
8 Vitros	6	100.0	0.0	0.0	1.27	6.4	e*

4 additional results were submitted but not published because the method groups were too small. (< results per group)

Sodium 1



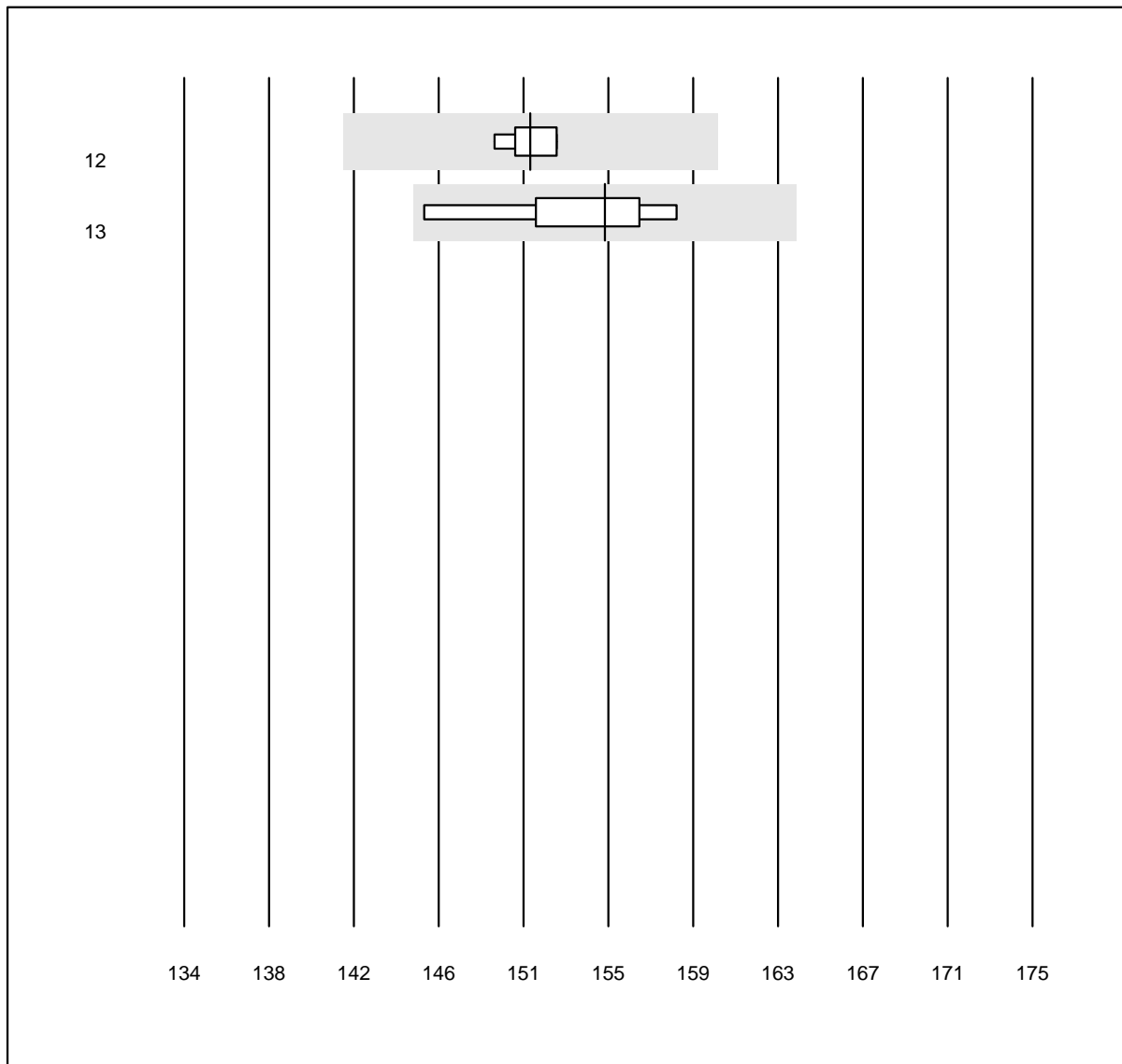
QUALAB Toleranz: 6%

Sodium (mmol/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Abbott	8	100.0	0.0	0.0	154	1.2	e
2	Beckman	6	100.0	0.0	0.0	150	0.8	e
3	Roche	48	100.0	0.0	0.0	153	0.8	e
4	Siemens	10	100.0	0.0	0.0	151	0.9	e
5	Fuji Dri-Chem	1077	98.6	0.6	0.7	157	1.6	e
6	Spotchem D-Concept	485	99.4	0.0	0.6	147	1.5	e
7	Piccolo	34	97.1	0.0	2.9	152	1.8	e
8	Vitros	7	85.7	14.3	0.0	157	3.4	e*
9	Spotchem EL-SE 1520	56	96.4	1.8	1.8	146	1.9	e
10	i-Smart 30 PRO	13	100.0	0.0	0.0	159	0.9	e
11	Exias	62	98.4	0.0	1.6	153	0.7	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Sodium 2



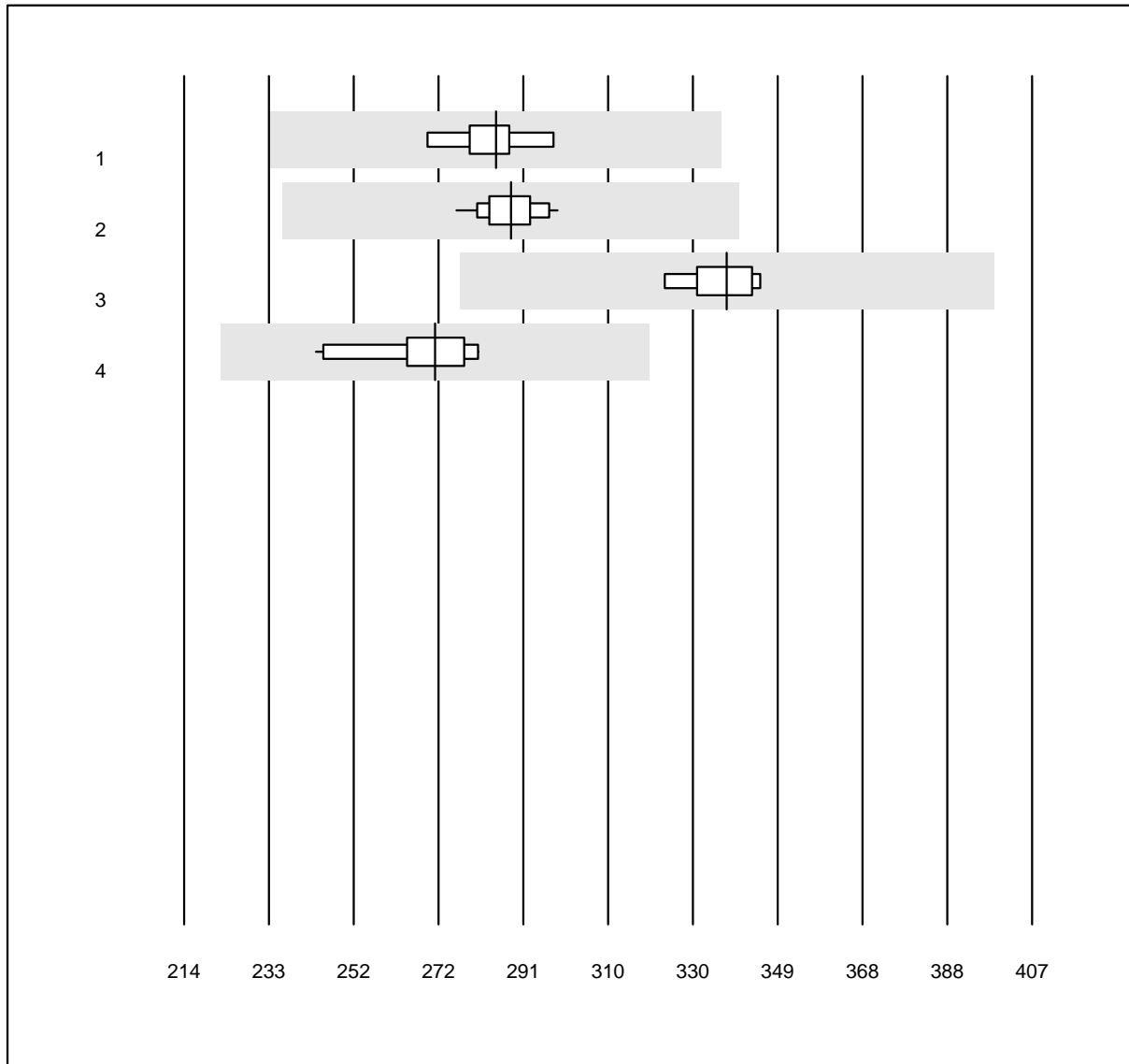
QUALAB Toleranz: 6%

Sodium (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 iStat Chem8	11	100.0	0.0	0.0	151	0.7	e
13 Skyla	5	100.0	0.0	0.0	154	2.2	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Pancreatic amylase



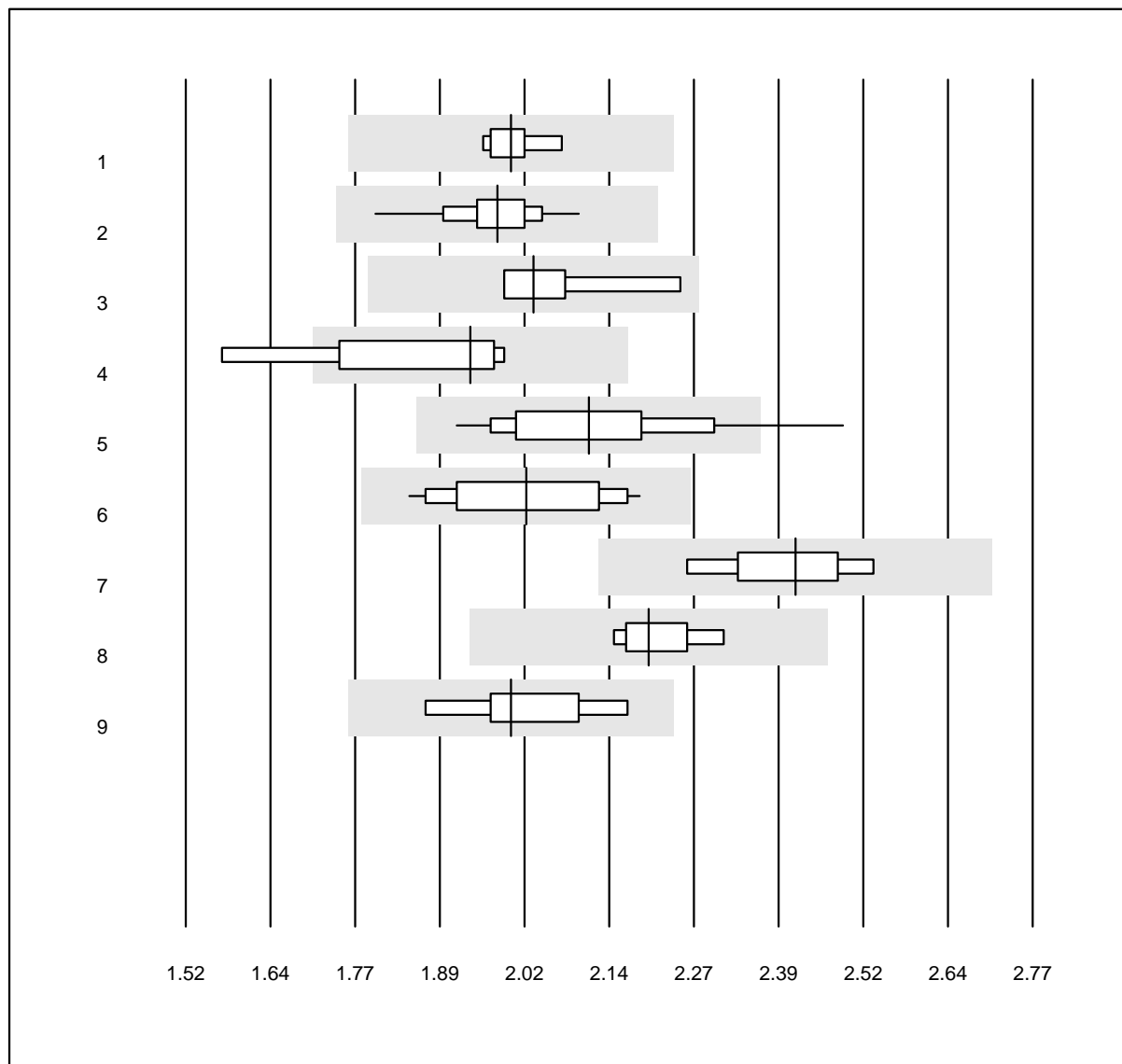
QUALAB Toleranz: 18%

Pancreatic amylase (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	7	100.0	0.0	0.0	285	2.8	e
2 Roche	28	100.0	0.0	0.0	288	2.1	e
3 Siemens	8	100.0	0.0	0.0	338	2.2	e
4 Autolyser	10	100.0	0.0	0.0	271	4.1	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Phosphate



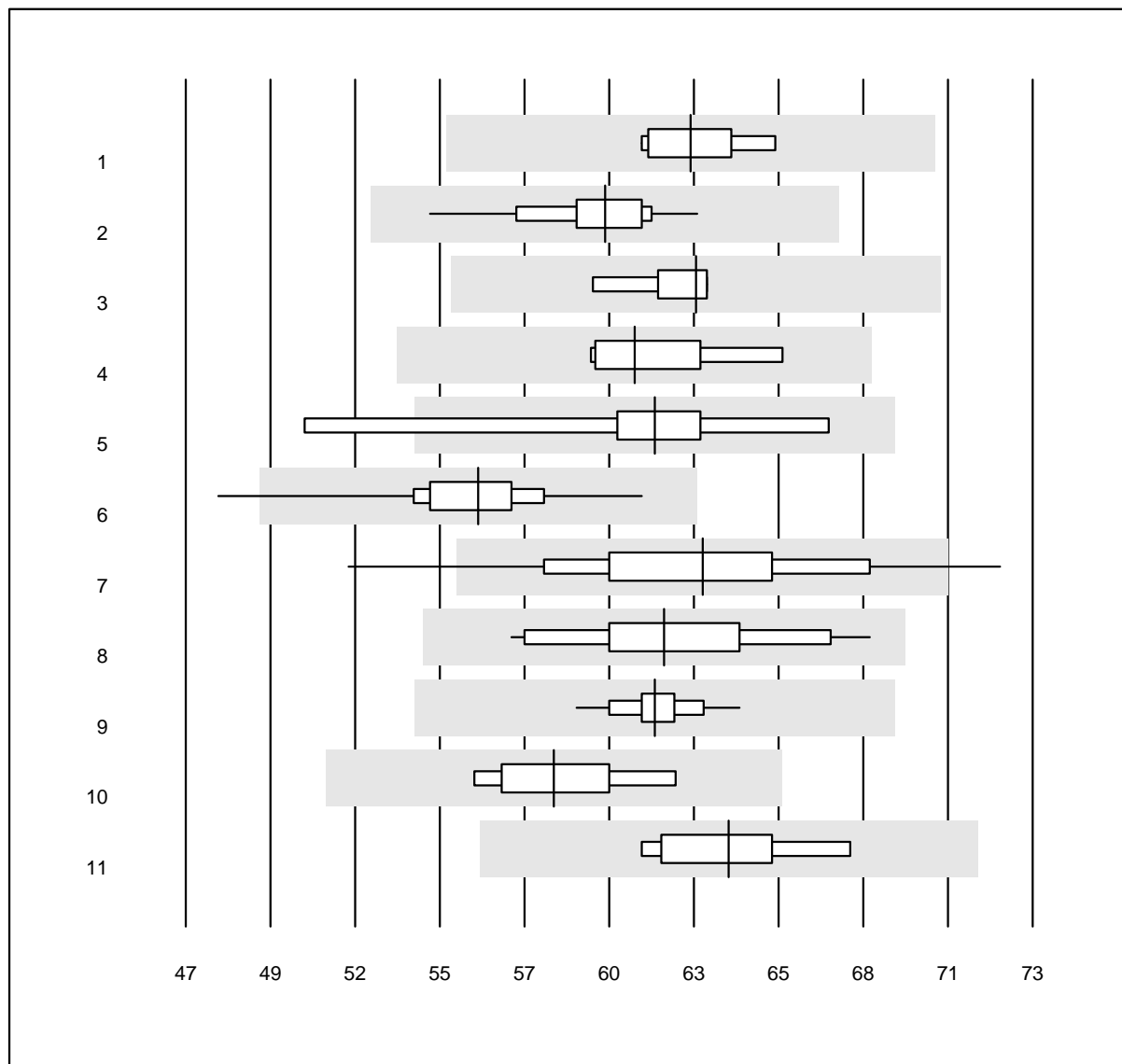
QUALAB Toleranz: 12%

Phosphate (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	2.0	1.8	e
2 Roche	43	100.0	0.0	0.0	2.0	2.9	e
3 Siemens	9	100.0	0.0	0.0	2.0	4.0	e
4 Autolyser	4	75.0	25.0	0.0	1.9	7.1	e*
5 Fuji Dri-Chem	60	91.7	5.0	3.3	2.1	6.1	e
6 Spotchem D-Concept	15	100.0	0.0	0.0	2.0	5.3	e
7 Piccolo	4	100.0	0.0	0.0	2.4	3.3	e*
8 Skyla	5	100.0	0.0	0.0	2.2	2.3	e
9 Vitros	7	100.0	0.0	0.0	2.0	4.4	e*

3 additional results were submitted but not published because the method groups were too small. (< results per group)

Protein total 1



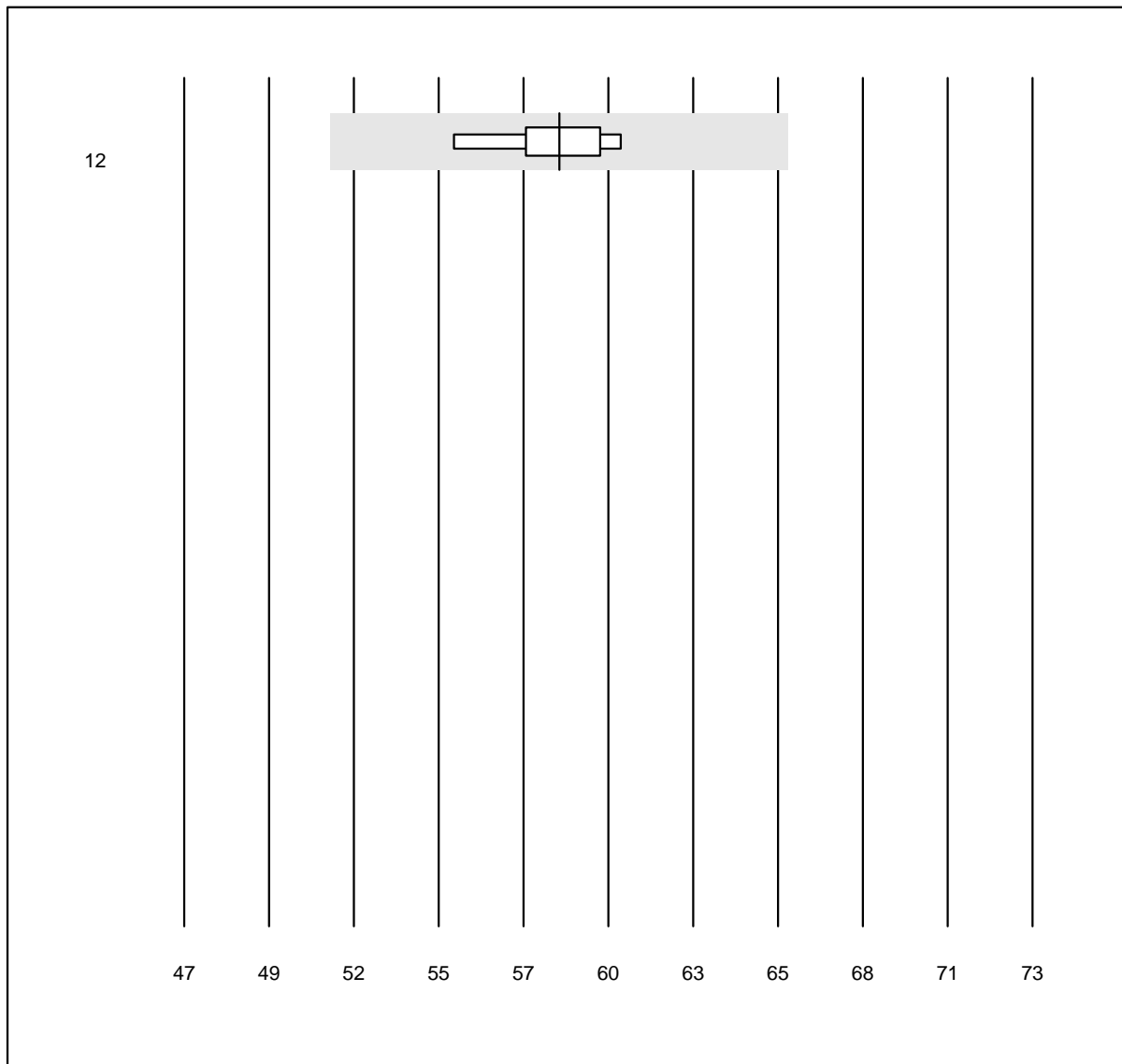
QUALAB Toleranz: 12%

Protein total (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	62.5	2.3	e
2 Roche	44	100.0	0.0	0.0	59.9	2.9	e
3 Siemens	9	100.0	0.0	0.0	62.7	2.0	e
4 Autolyser	5	100.0	0.0	0.0	60.8	3.1	e
5 Selectra Pro	9	77.8	11.1	11.1	61.4	7.0	e*
6 Fuji Dri-Chem	197	99.5	0.5	0.0	56.0	3.6	e
7 Spotchem D-Concept	208	96.6	2.4	1.0	62.9	5.6	e
8 Spotchem SP-4430	23	100.0	0.0	0.0	61.7	4.7	e
9 Piccolo	50	100.0	0.0	0.0	61.4	1.5	e
10 Vitros	7	100.0	0.0	0.0	58.3	3.4	e
11 Skyla	7	100.0	0.0	0.0	63.7	3.2	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Protein total 2



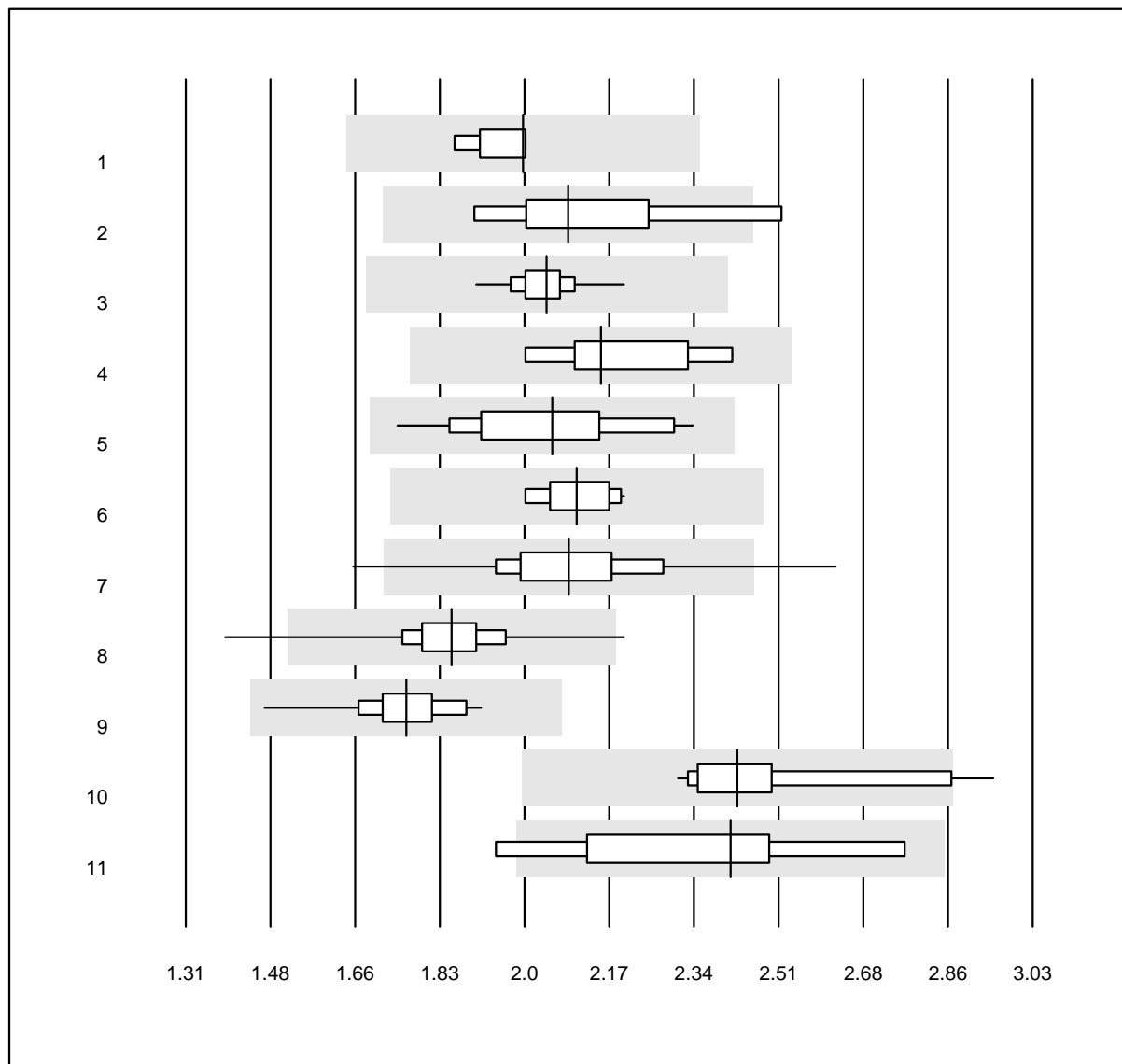
QUALAB Toleranz: 12%

Protein total (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Seamaty	6	100.0	0.0	0.0	58.5	2.6	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Triglycerides 1



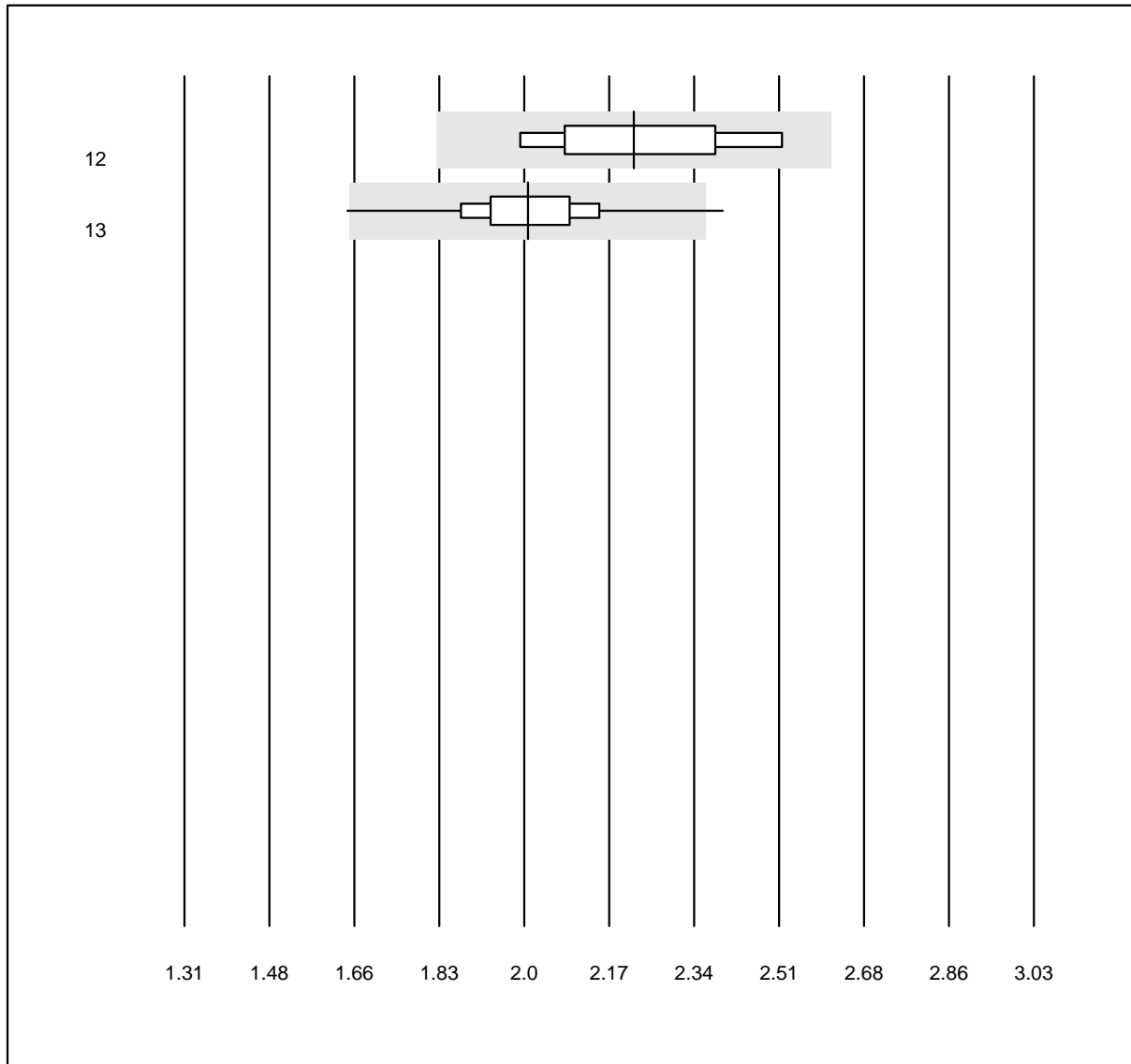
QUALAB Toleranz: 18%

Triglycerides (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	2.00	2.8	e
2 Beckman	5	100.0	0.0	0.0	2.09	8.0	e*
3 Roche	39	100.0	0.0	0.0	2.04	2.9	e
4 Siemens	9	100.0	0.0	0.0	2.15	6.6	e*
5 Autolyser	23	100.0	0.0	0.0	2.05	7.6	e
6 Selectra Pro	15	100.0	0.0	0.0	2.10	3.2	e
7 Fuji Dri-Chem	1008	97.3	2.0	0.7	2.09	6.6	e
8 Spotchem D-Concept	482	98.3	0.4	1.2	1.85	4.7	e
9 Spotchem SP-4430	71	98.6	0.0	1.4	1.76	4.6	e
10 Piccolo	20	90.0	10.0	0.0	2.43	7.2	e
11 Seamaty	9	77.8	22.2	0.0	2.42	11.1	e*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Triglycerides 2



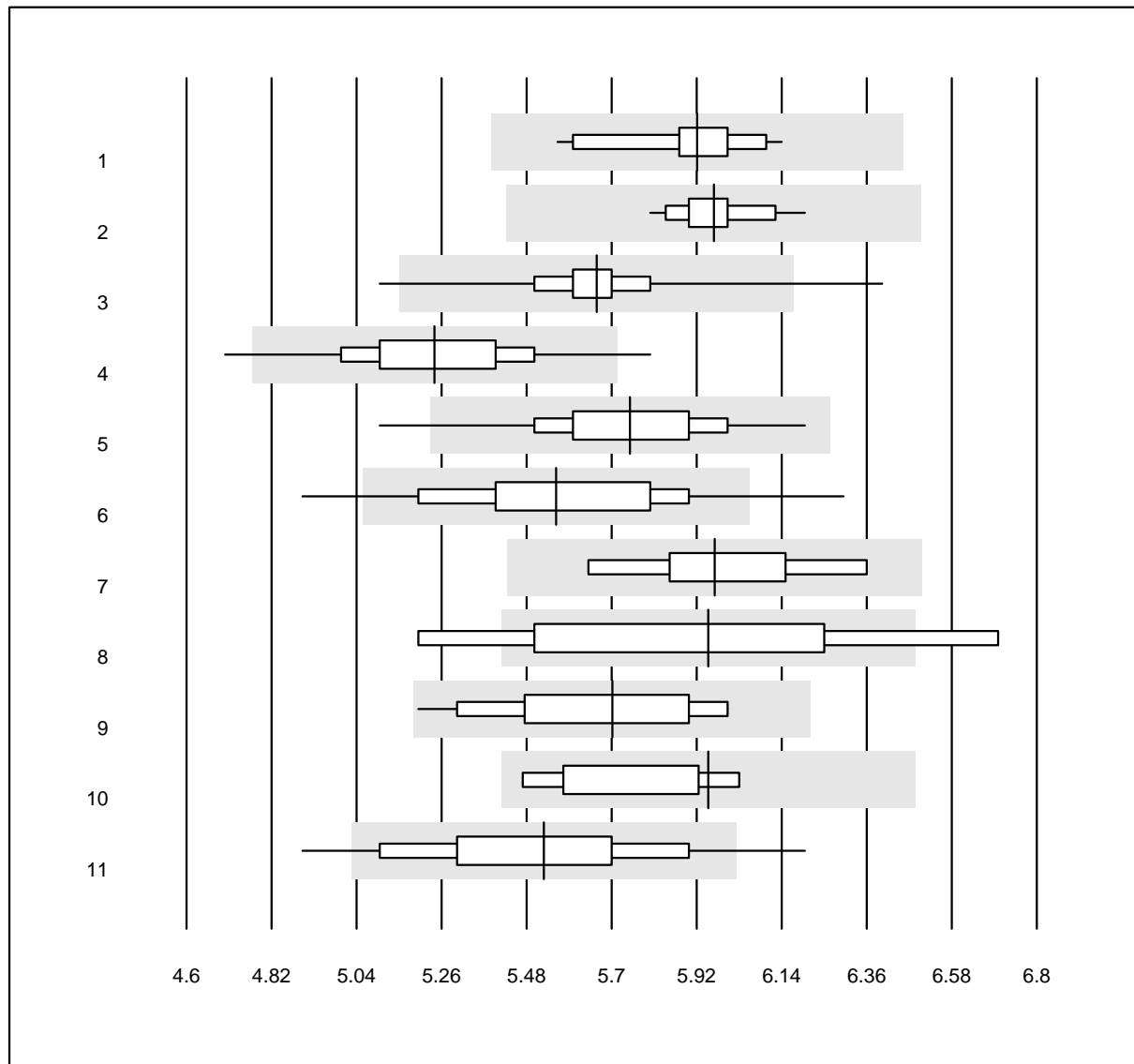
QUALAB Toleranz: 18%

Triglycerides (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Vitros	5	100.0	0.0	0.0	2.22	7.4	e*
13 Cholestech LDX	224	98.2	0.9	0.9	2.01	5.9	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

HbA1c sample A 1



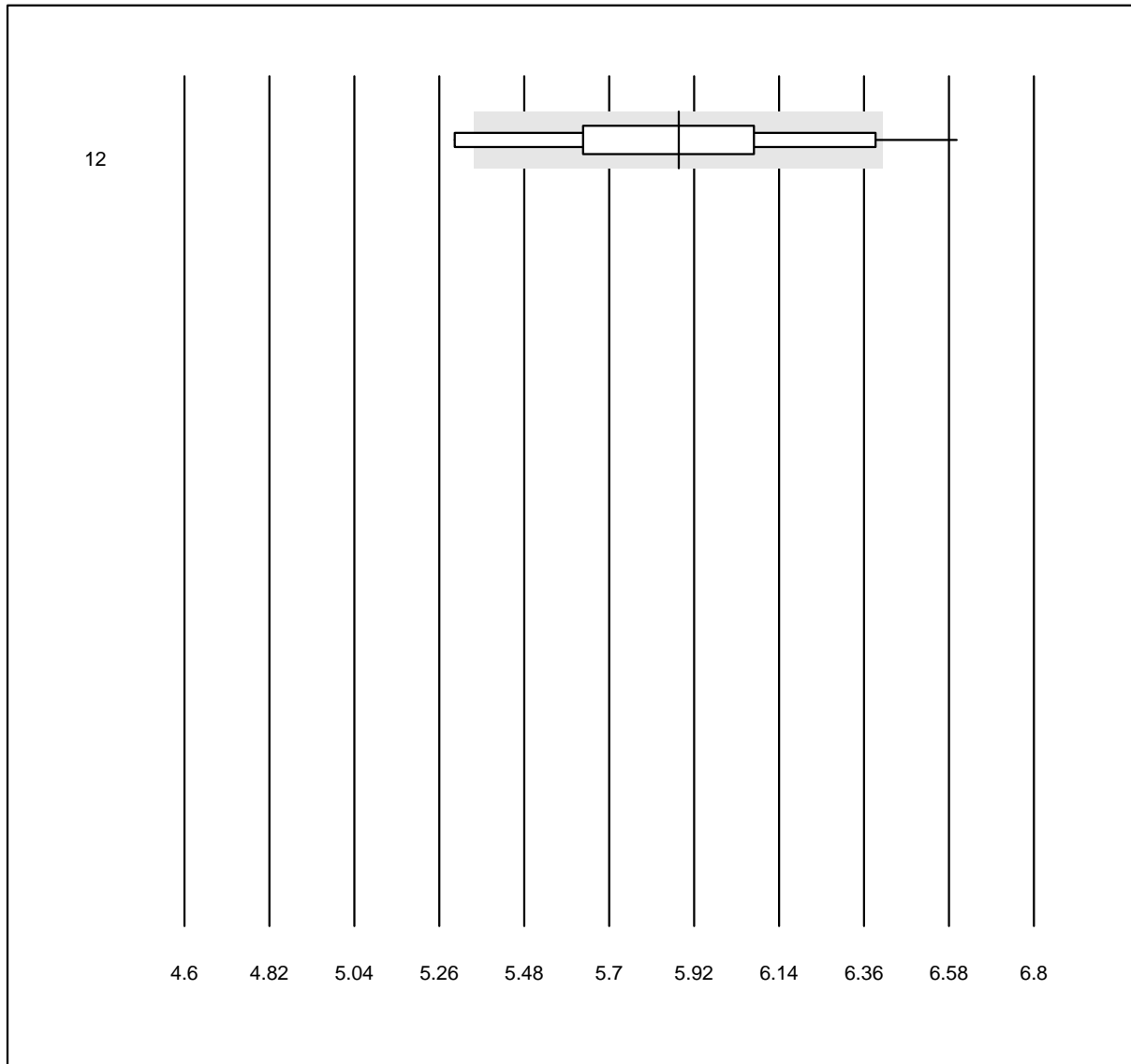
QUALAB Toleranz: 9%

HbA1c sample A (%)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Roche	26	100.0	0.0	0.0	5.9	2.7	e
2	HPLC	13	100.0	0.0	0.0	6.0	1.6	e
3	Afinion	610	98.2	1.0	0.8	5.7	2.7	e
4	Cobas b101	244	98.4	1.6	0.0	5.2	3.8	e
5	DCA Vantage	153	97.4	2.0	0.7	5.7	3.4	e
6	AFIAS	167	87.4	10.2	2.4	5.6	5.4	e
7	Quick Read go	7	85.7	0.0	14.3	6.0	3.5	e*
8	LumiraDx	4	75.0	25.0	0.0	6.0	7.0	c*
9	Celltac chemi	39	97.4	0.0	2.6	5.7	4.5	e
10	Eurolyser	6	100.0	0.0	0.0	6.0	3.5	c*
11	A1c Now	211	83.9	11.8	4.3	5.5	5.5	e

4 additional results were submitted but not published because the method groups were too small. (< results per group)

HbA1c sample A 2



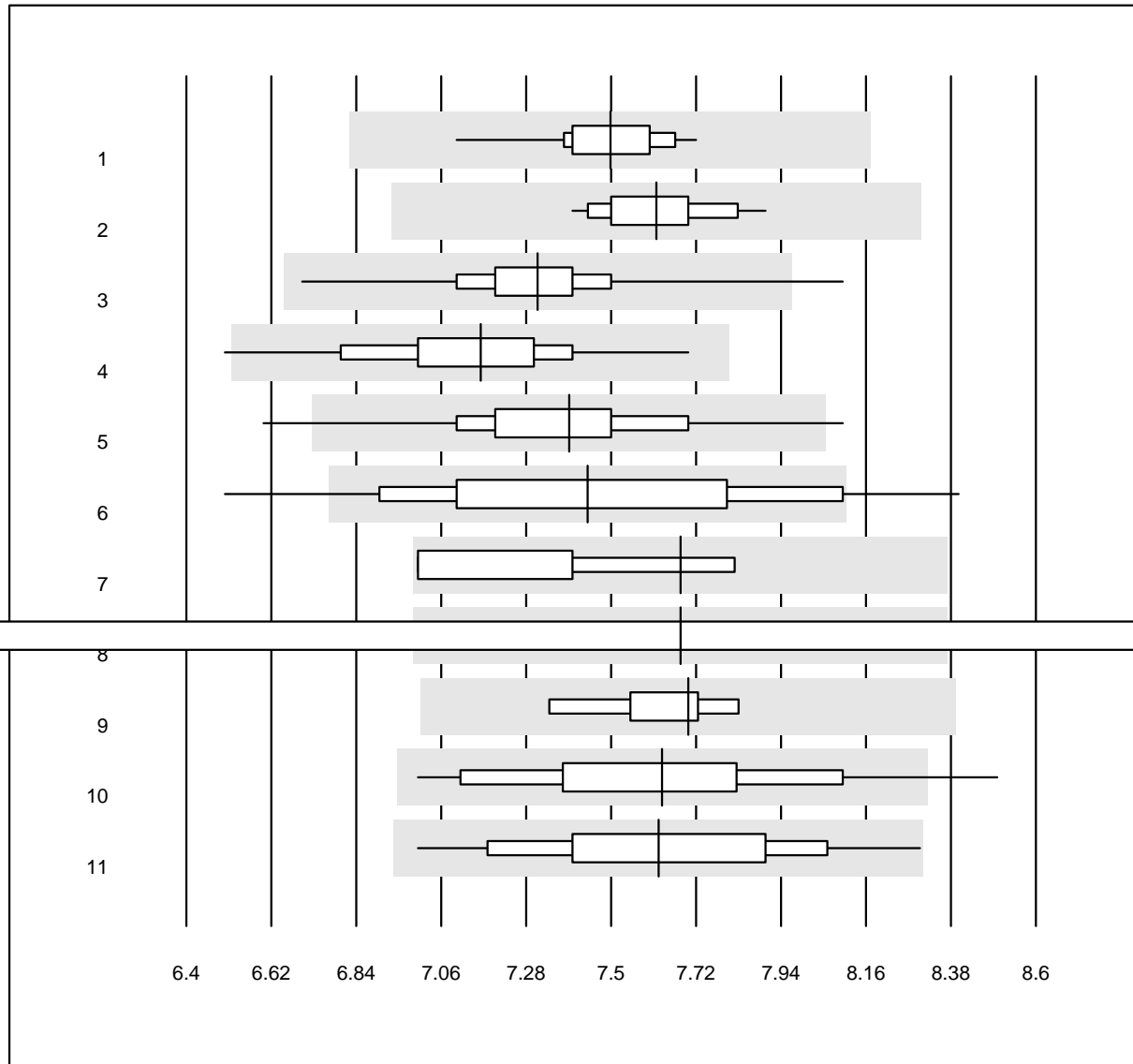
QUALAB Toleranz: 9%

HbA1c sample A (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
12 Others	16	81.2	18.8	0.0	5.9	6.0	e*

4 additional results were submitted but not published because the method groups were too small. (< results per group)

HbA1c sample B



QUALAB Toleranz: 9%

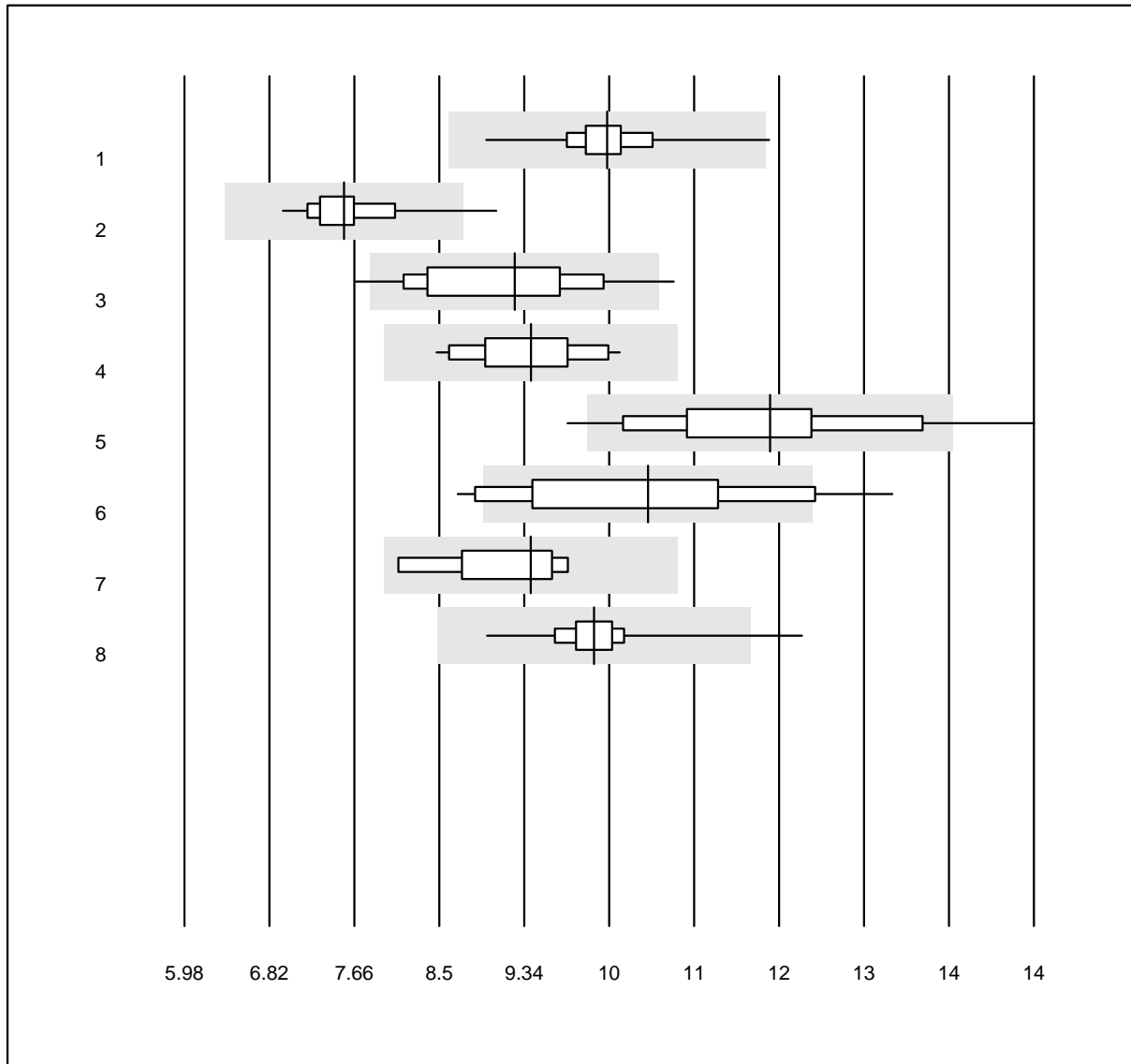
HbA1c sample B (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	23	100.0	0.0	0.0	7.5	1.7	e
2 HPLC	13	100.0	0.0	0.0	7.6	1.7	e
3 Afinion	671	99.4	0.3	0.3	7.3	2.2	e
4 Cobas b101	223	98.7	0.9	0.4	7.2	3.3	e
5 DCA Vantage	166	98.2	1.2	0.6	7.4	2.9	e
6 AFIAS	243	83.1	11.9	4.9	7.4	6.0	e
7 A1c Now	9	66.7	0.0	33.3	7.7	3.6	c*
8 Eurolyser	4	50.0	50.0	0.0	7.7	0.0	c
9 Quick Read go	6	100.0	0.0	0.0	7.7	1.8	e
10 Celltac chemi	30	96.7	3.3	0.0	7.6	4.7	e
11 Others	15	100.0	0.0	0.0	7.6	4.2	e*

3 additional results were submitted but not published because the method groups were too small. (< results per group)

K04 Blood gases

pO2



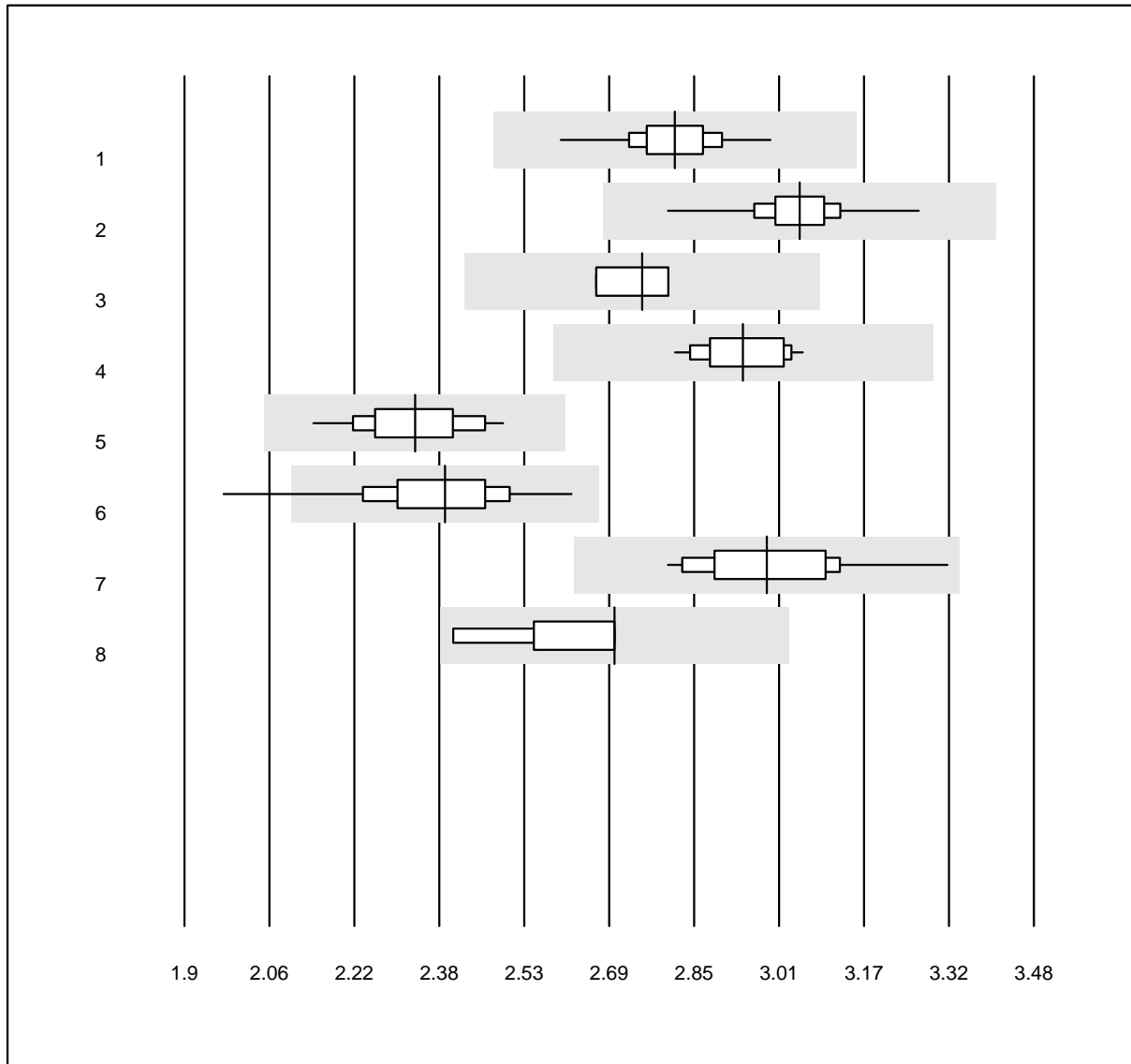
QUALAB Toleranz: 15%

pO2 (kPa)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	116	94.0	0.9	5.2	9.97	3.9	e
2 ABL90 FLEX / PLUS	173	89.6	3.5	6.9	7.49	5.1	e
3 GEM	19	84.2	10.5	5.3	9.10	8.4	e*
4 Cobas b 123	16	93.8	0.0	6.2	9.25	5.7	e
5 iStat	59	88.1	6.8	5.1	11.51	8.4	e
6 EPOC	63	69.8	19.0	11.1	10.36	10.9	e
7 IL	4	100.0	0.0	0.0	9.25	5.3	e*
8 RAPIDPoint 500	29	96.6	3.4	0.0	9.85	4.7	e

4 additional results were submitted but not published because the method groups were too small. (< results per group)

pCO2



QUALAB Toleranz: 12%

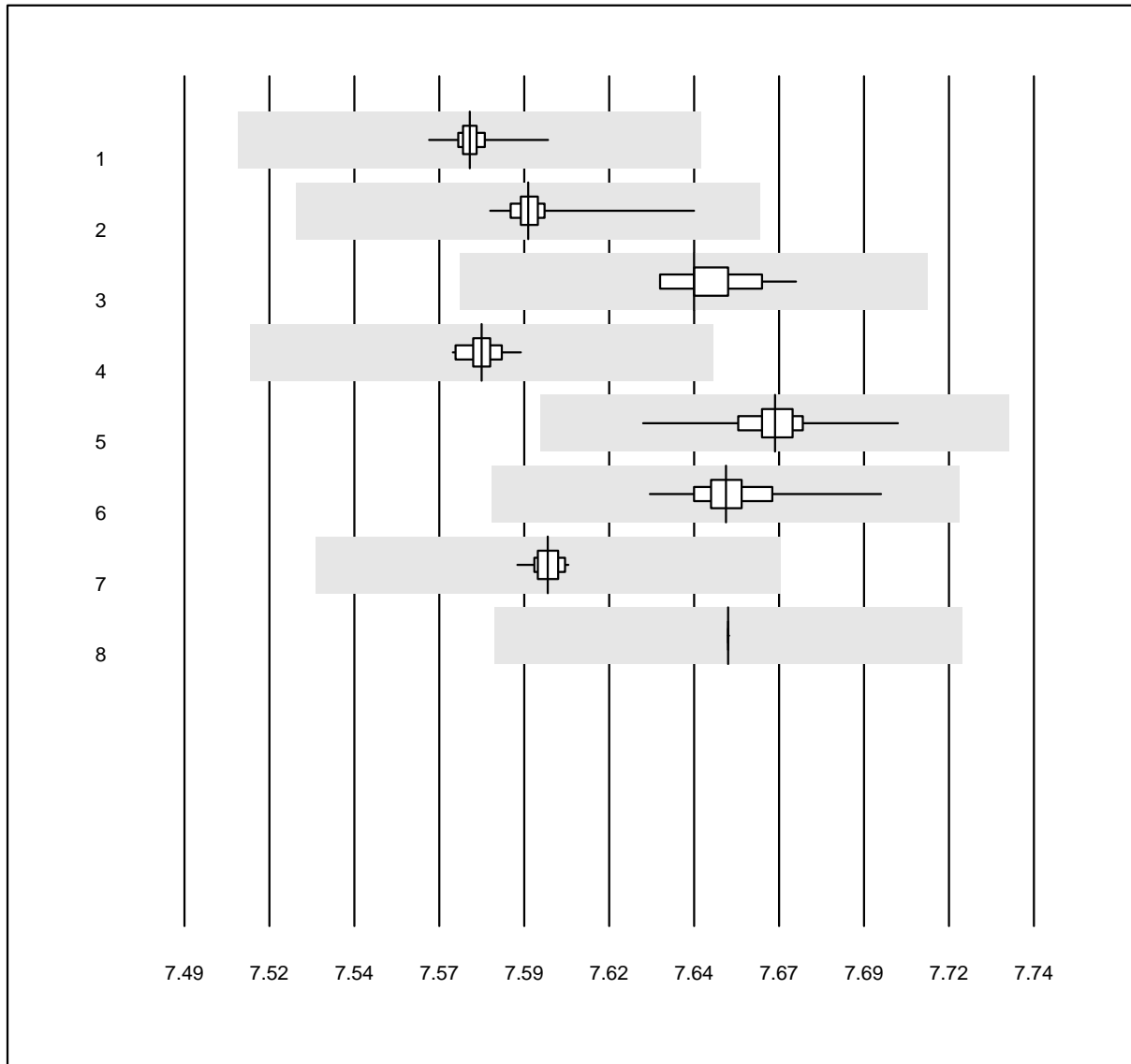
pCO2 (kPa)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	116	100.0	0.0	0.0	2.81	2.7	e
2 ABL90 FLEX / PLUS	172	98.8	0.0	1.2	3.04	2.2	e
3 GEM	19	94.7	0.0	5.3	2.75	2.3	e
4 Cobas b 123	16	100.0	0.0	0.0	2.94	2.4	e
5 iStat	61	98.4	0.0	1.6	2.33	3.7	e
6 EPOC	63	92.1	4.8	3.2	2.38	5.4	e
7 RAPIDPoint 500	29	100.0	0.0	0.0	2.98	4.1	e
8 IL	4	100.0	0.0	0.0	2.70	3.8	e*

5 additional results were submitted but not published because the method groups were too small. (< results per group)

K04 Blood gases

pH



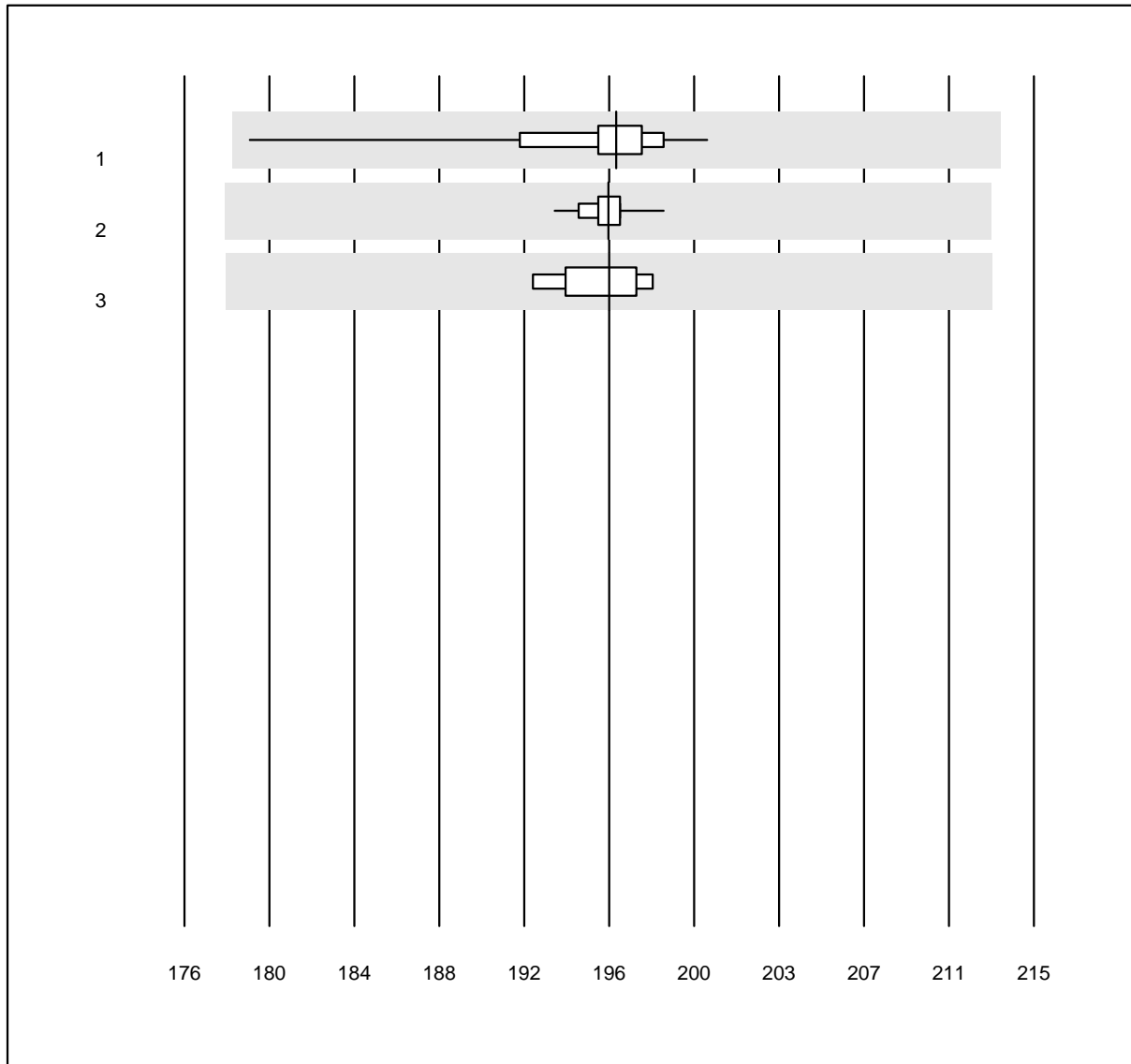
QUALAB Toleranz: 0%

pH ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	115	100.0	0.0	0.0	7.57	0.1	e
2 ABL90 FLEX / PLUS	173	100.0	0.0	0.0	7.59	0.1	e
3 GEM	19	100.0	0.0	0.0	7.64	0.1	e
4 Cobas b 123	17	100.0	0.0	0.0	7.58	0.1	e
5 iStat	64	100.0	0.0	0.0	7.66	0.1	e
6 EPOC	63	100.0	0.0	0.0	7.65	0.1	e
7 RAPIDPoint 500	29	100.0	0.0	0.0	7.60	0.0	e
8 IL	4	100.0	0.0	0.0	7.65	0.0	e

6 additional results were submitted but not published because the method groups were too small. (< results per group)

Hemoglobin BG

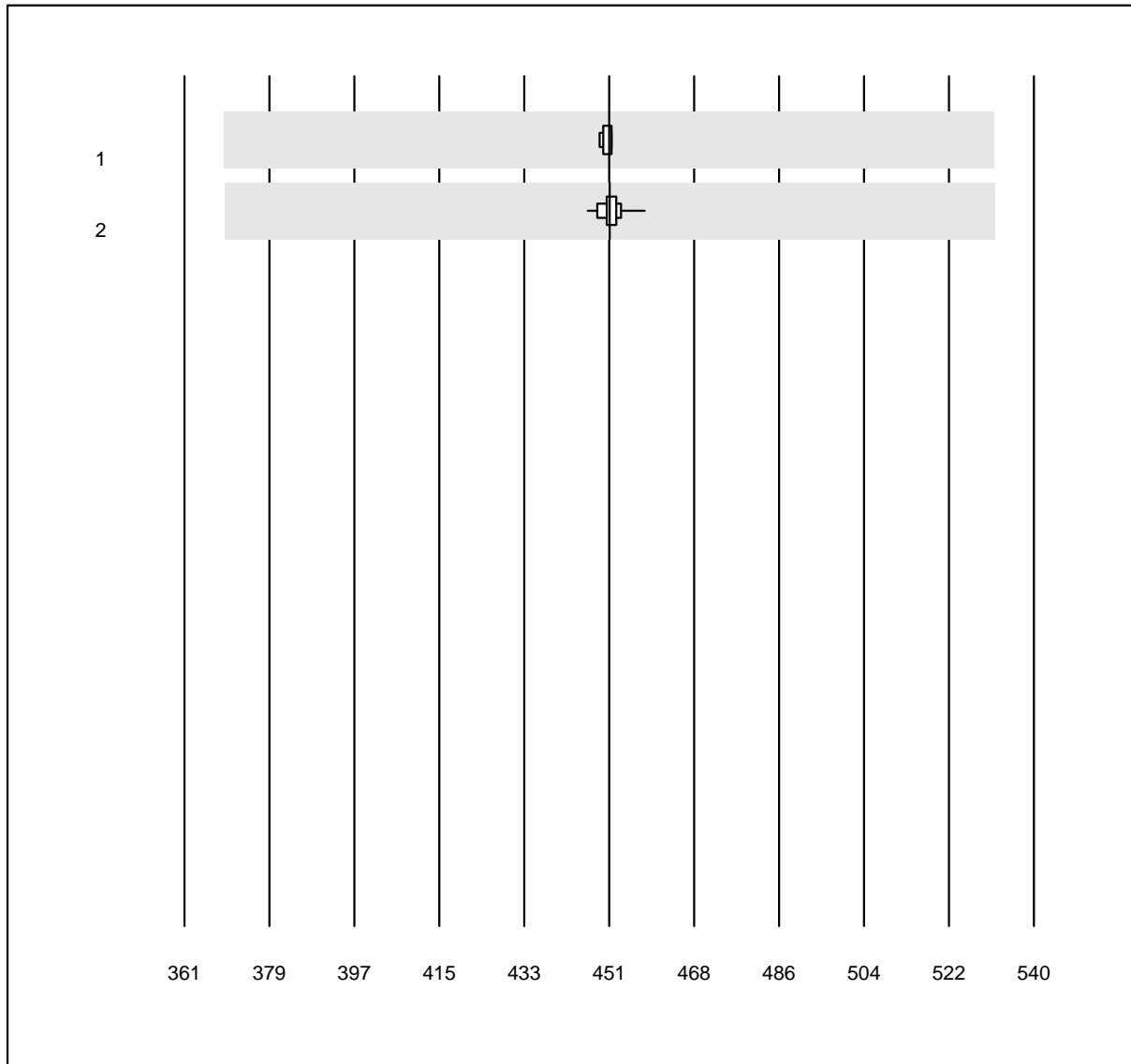


QUALAB Toleranz: 9%

Hemoglobin BG (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	108	99.1	0.0	0.9	195.8	2.1	e
2 ABL90 FLEX / PLUS	160	100.0	0.0	0.0	195.5	0.4	e
3 ABL80 FLEX CO-OX / OSM	4	100.0	0.0	0.0	195.5	0.9	e

Bilirubin OR



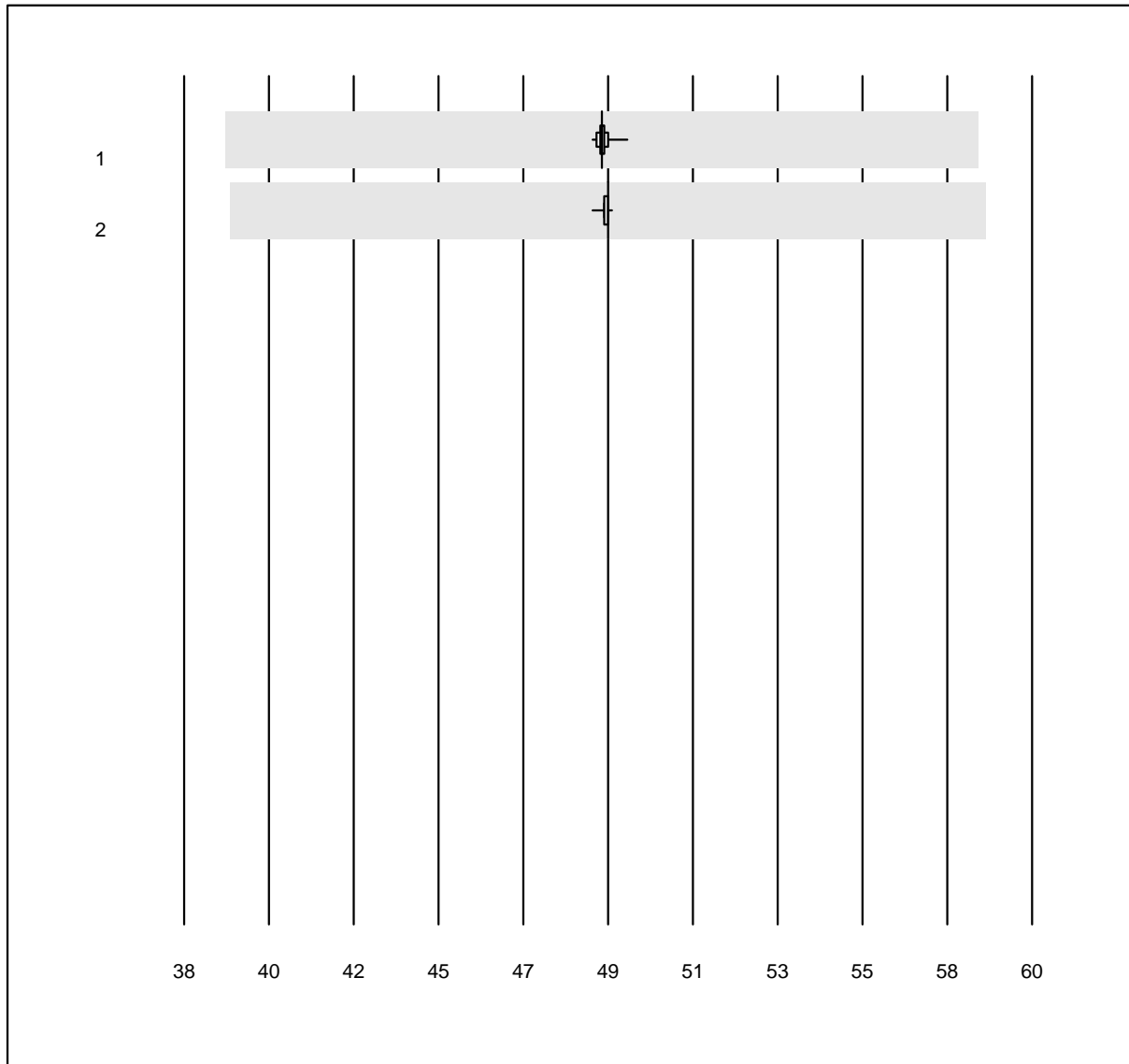
QUALAB Toleranz: 18%

Bilirubin OR (µmol/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	ABL700/800	4	100.0	0.0	0.0	450.5	0.2	e
2	ABL90 FLEX / PLUS	37	97.3	0.0	2.7	450.6	0.5	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

FO2Hb OR



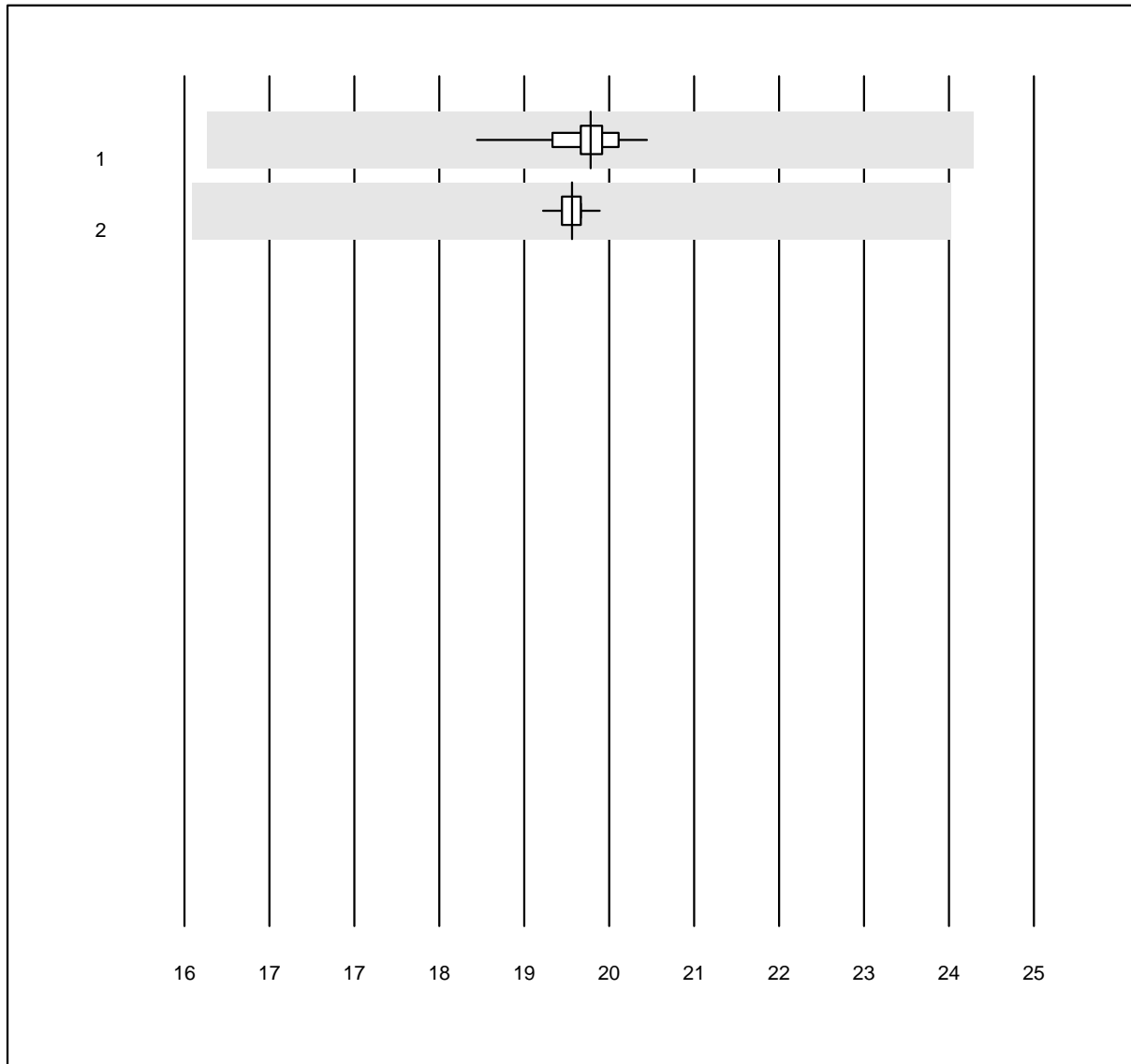
MQ Toleranz: 20%

FO2Hb OR (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	95	100.0	0.0	0.0	48.839	0.3	e
2 ABL90 FLEX / PLUS	151	100.0	0.0	0.0	49.000	0.1	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

FCOHb OR



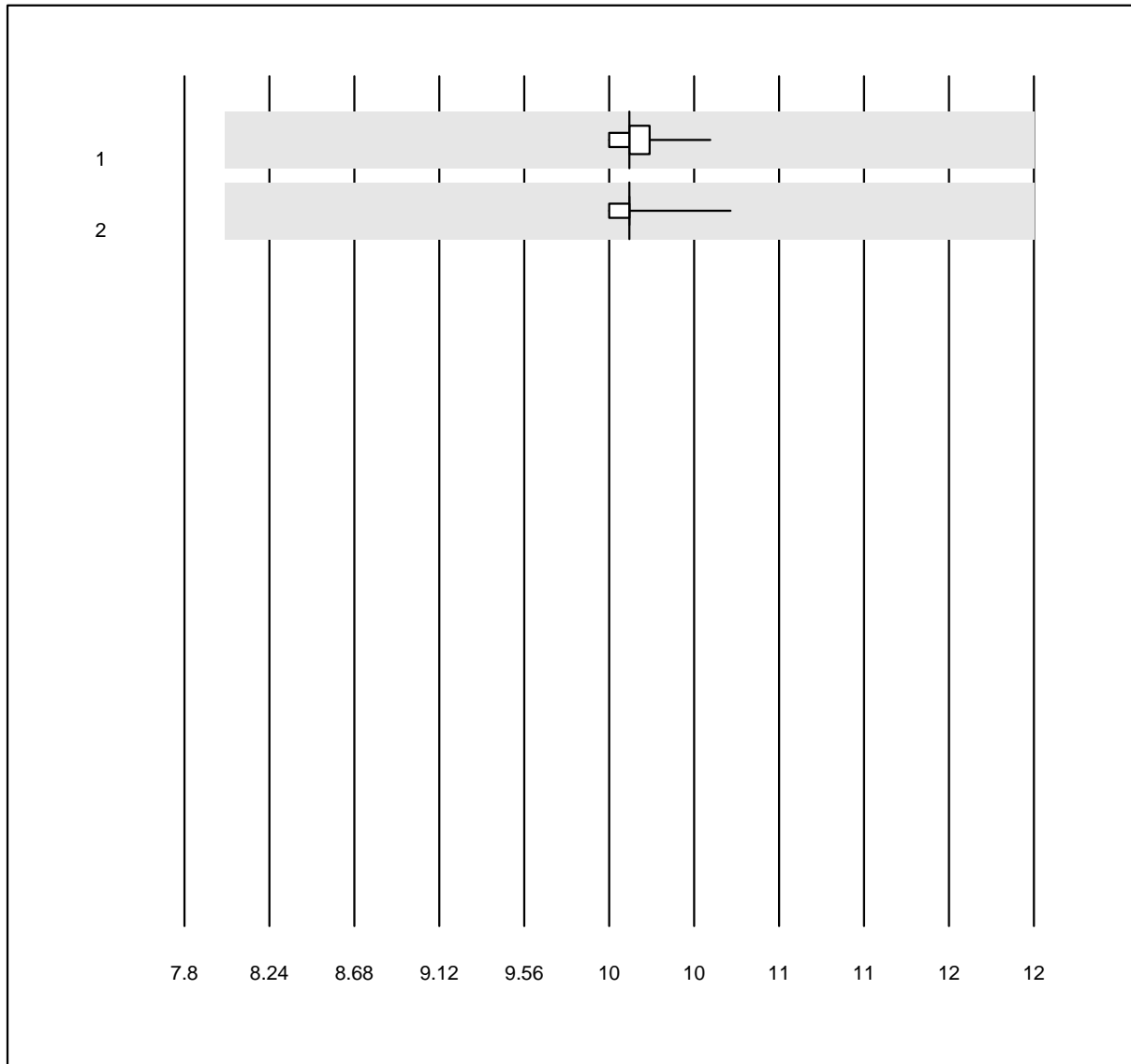
MQ Toleranz: 20%

FCOHb OR (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	95	98.9	0.0	1.1	20.304	1.3	e
2 ABL90 FLEX / PLUS	152	100.0	0.0	0.0	20.107	0.5	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

FMetHb OR



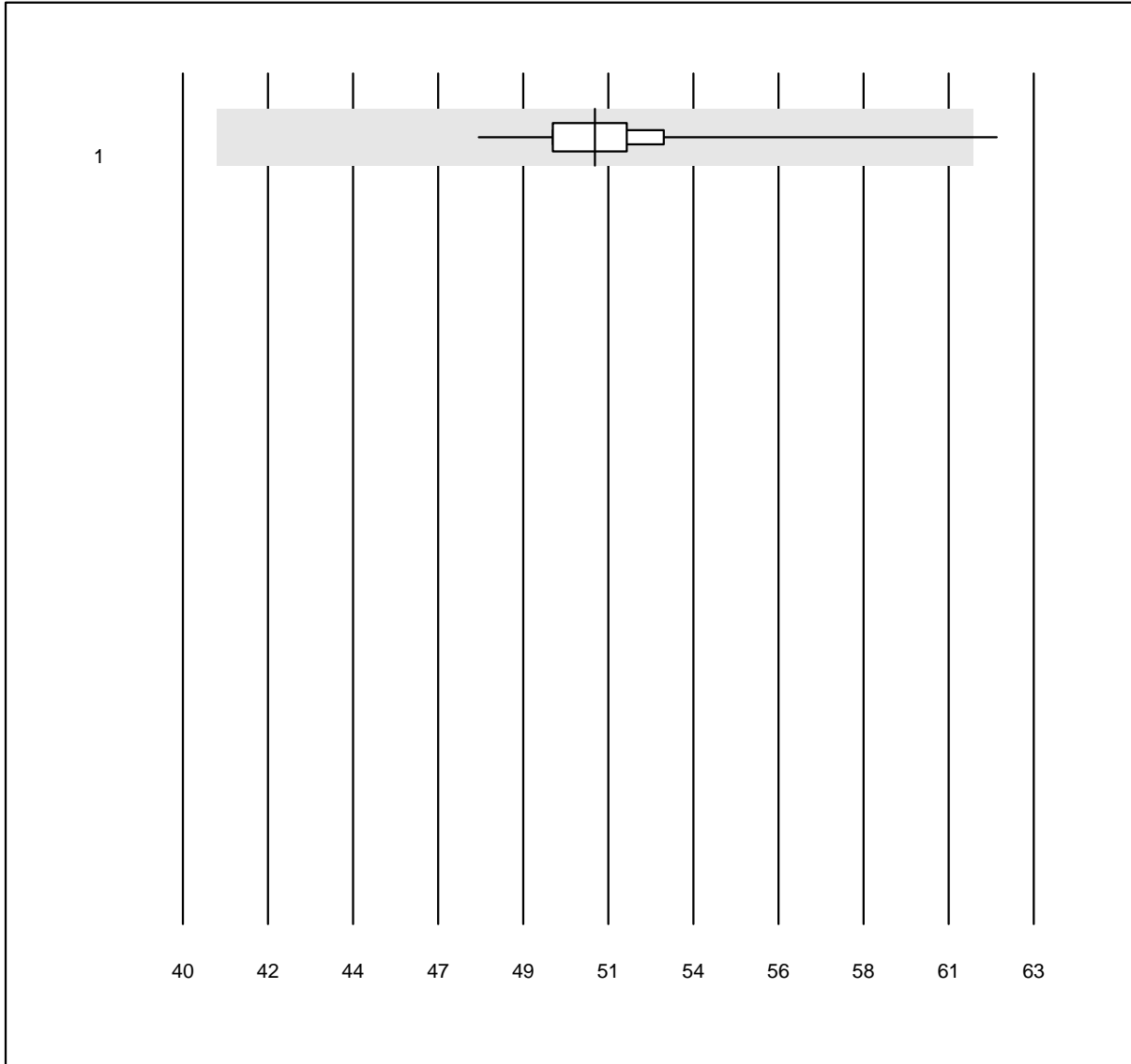
MQ Toleranz: 20%

FMetHb OR (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	95	98.9	0.0	1.1	10.000	1.0	e
2 ABL90 FLEX / PLUS	152	100.0	0.0	0.0	10.000	0.6	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

FHbF OR

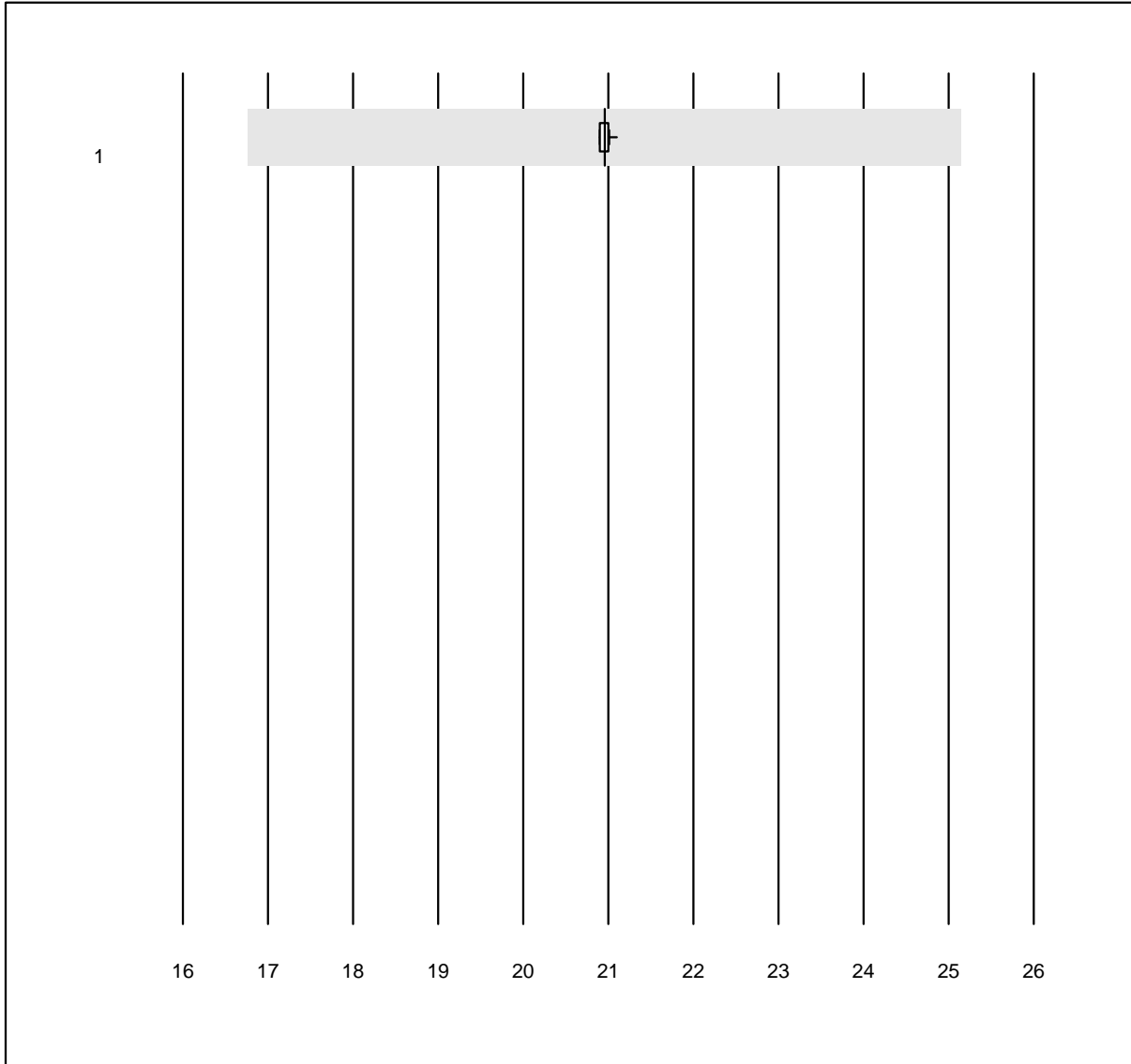


MQ Toleranz: 20%

FHbF OR (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL90 FLEX / PLUS	42	92.9	2.4	4.8	51.139	4.1	e

FHHb



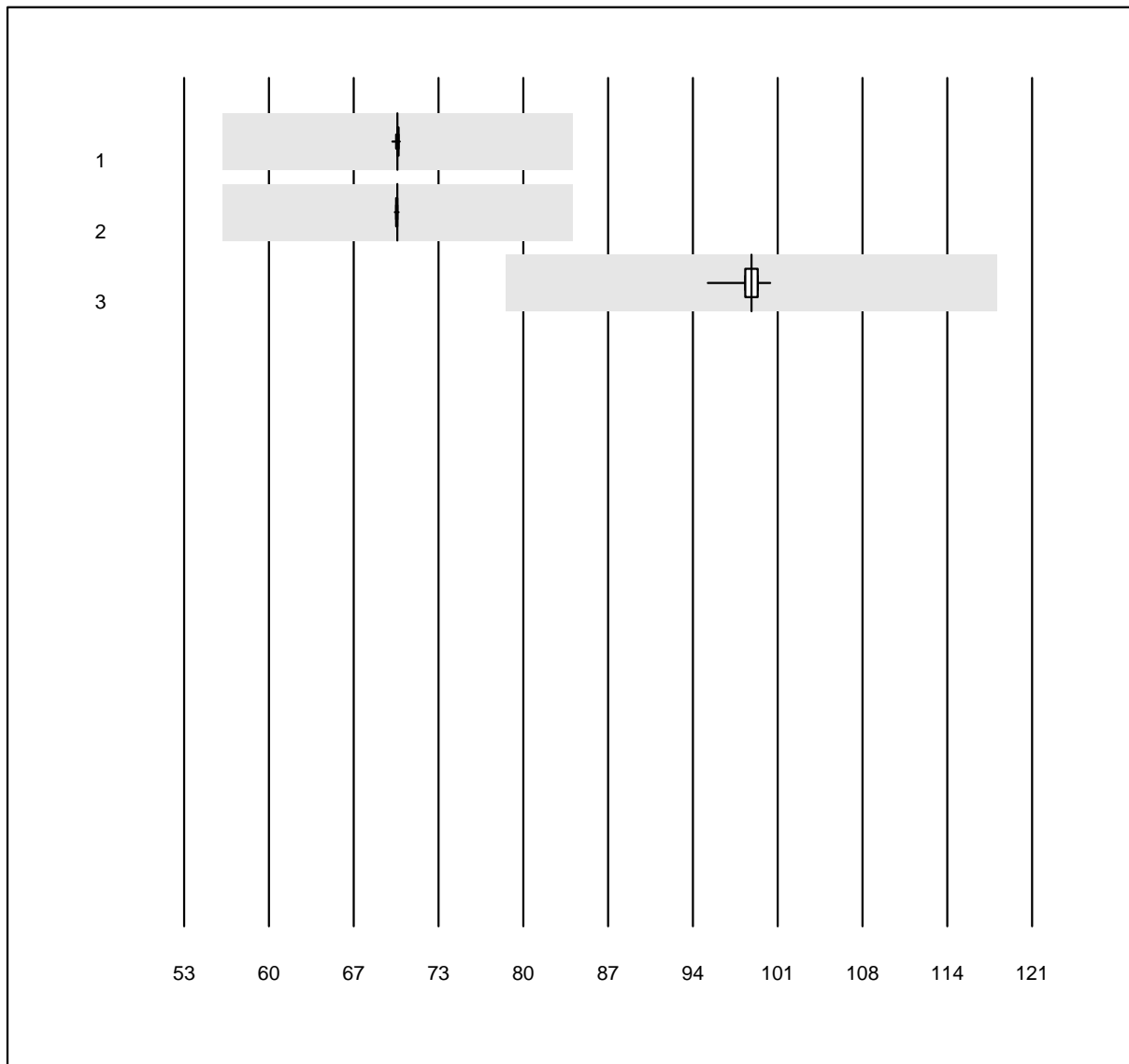
MQ Toleranz: 20%

FHHb (%)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	ABL90 FLEX / PLUS	18	100.0	0.0	0.0	20.959	0.3	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

sO2 OR



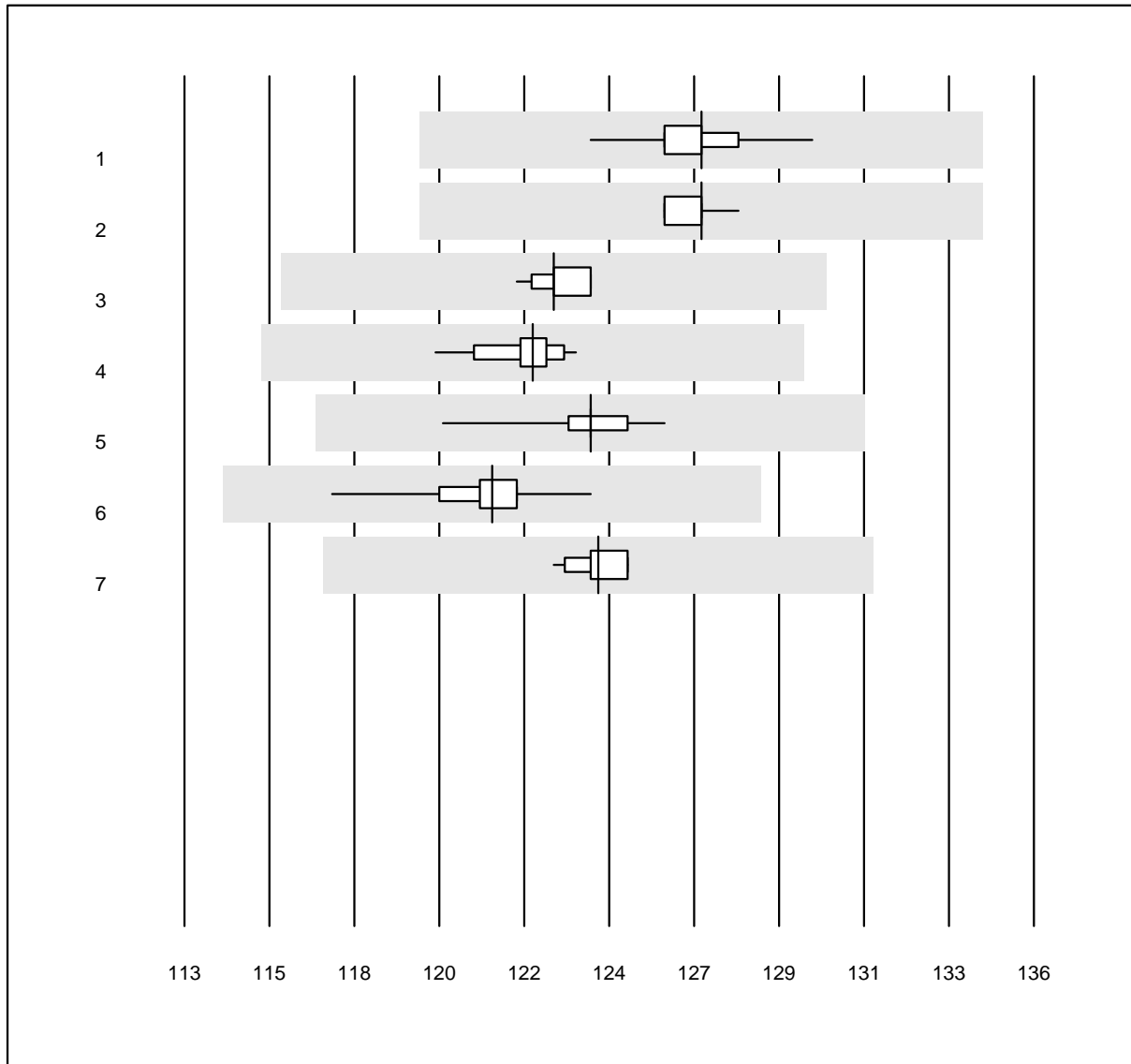
MQ Toleranz: 20%

sO2 OR (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	97	99.0	0.0	1.0	70.106	0.1	e
2 ABL90 FLEX / PLUS	151	100.0	0.0	0.0	70.100	0.1	e
3 iStat	34	100.0	0.0	0.0	98.500	0.8	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Sodium BG



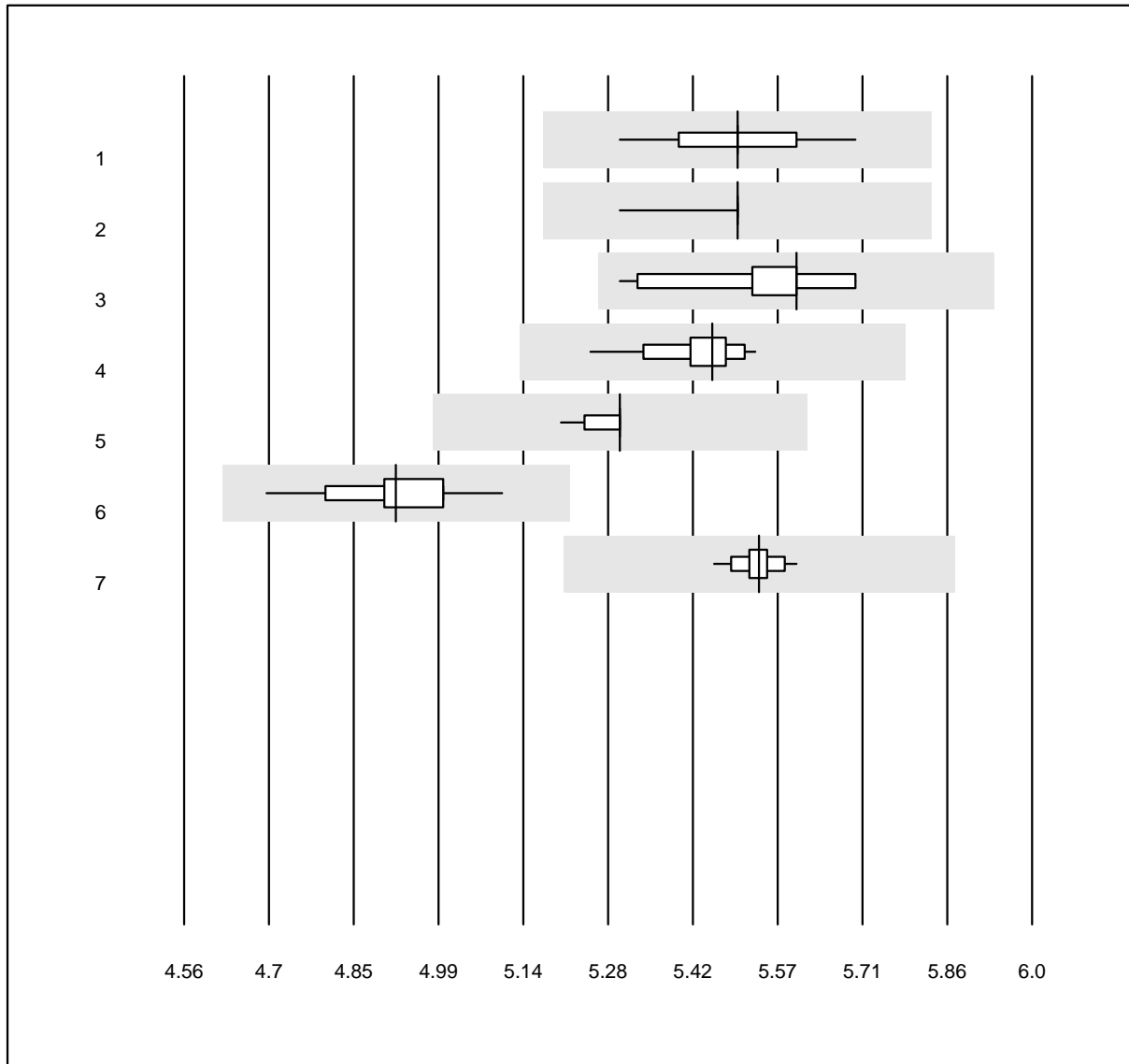
QUALAB Toleranz: 6%

Sodium BG (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	106	100.0	0.0	0.0	127.0	0.7	e
2 ABL90 FLEX / PLUS	160	100.0	0.0	0.0	127.0	0.4	e
3 GEM	13	100.0	0.0	0.0	123.0	0.5	e
4 Cobas b 123	17	100.0	0.0	0.0	122.4	0.7	e
5 iStat	23	100.0	0.0	0.0	124.0	0.9	e
6 EPOC	49	98.0	0.0	2.0	121.3	0.9	e
7 RAPIDPoint 500	28	100.0	0.0	0.0	124.2	0.5	e

4 additional results were submitted but not published because the method groups were too small. (< results per group)

Potassium BG



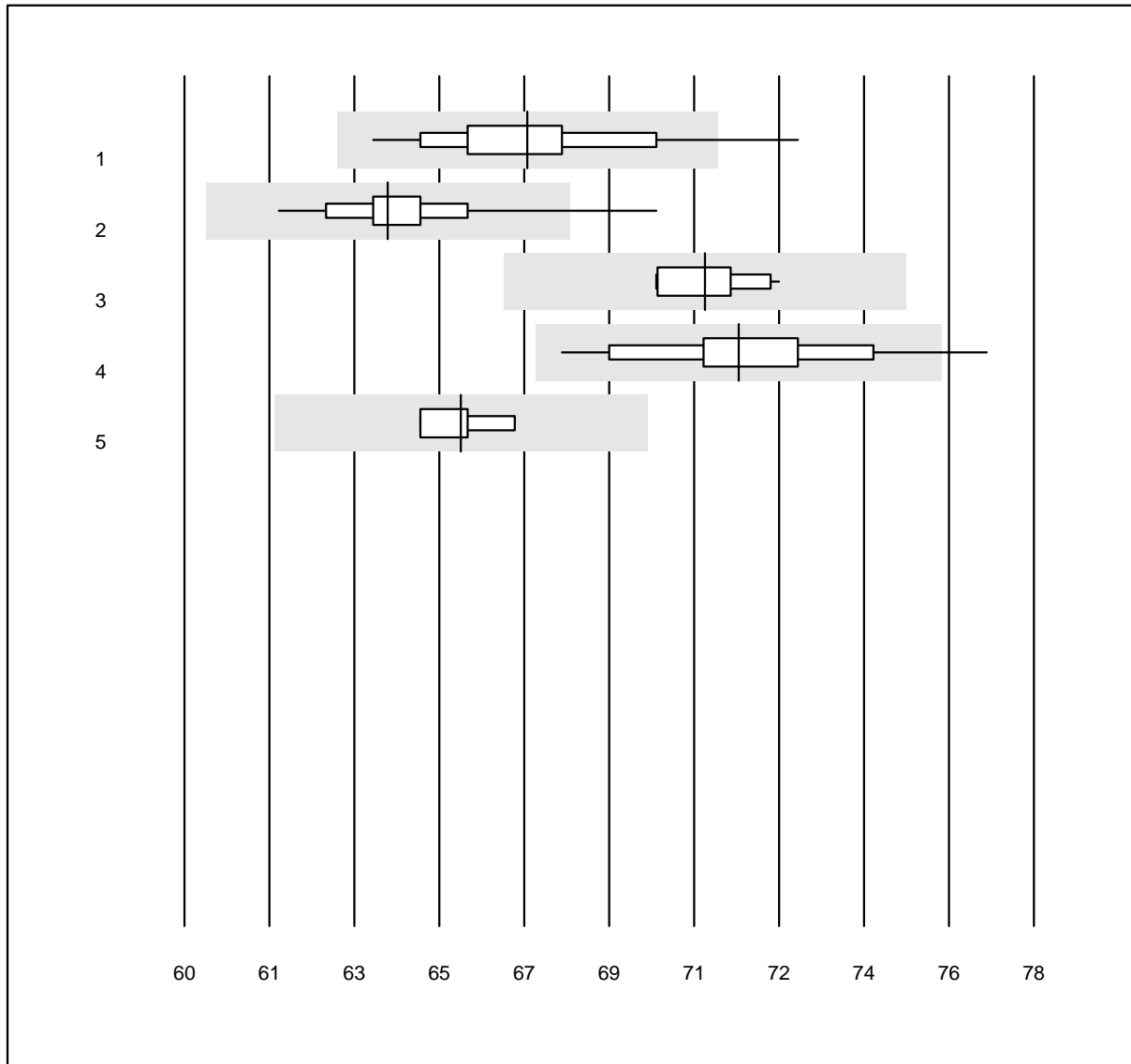
QUALAB Toleranz: 6%

Potassium BG (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	107	100.0	0.0	0.0	5.5	1.2	e
2 ABL90 FLEX / PLUS	161	100.0	0.0	0.0	5.5	0.4	e
3 GEM	12	100.0	0.0	0.0	5.6	2.1	e
4 Cobas b 123	16	93.8	0.0	6.2	5.5	1.2	e
5 iStat	23	100.0	0.0	0.0	5.3	0.5	e
6 EPOC	50	98.0	0.0	2.0	4.9	1.6	e
7 RAPIDPoint 500	28	100.0	0.0	0.0	5.5	0.6	e

4 additional results were submitted but not published because the method groups were too small. (< results per group)

Chlorid-BG



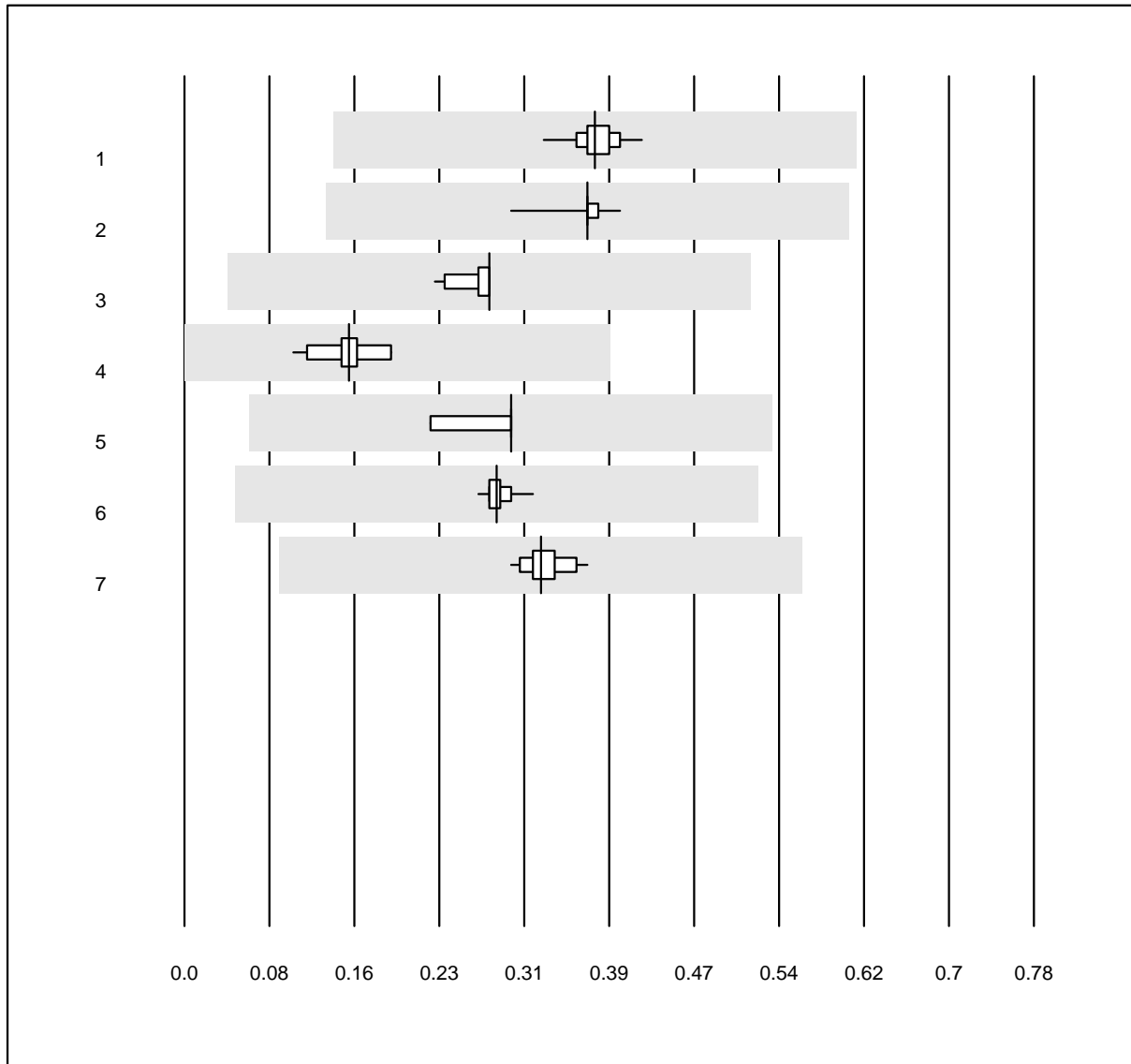
QUALAB Toleranz: 6%

Chlorid-BG (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	104	95.2	3.8	1.0	67.3	2.9	e
2 ABL90 FLEX / PLUS	156	98.1	1.9	0.0	64.3	1.9	e
3 Cobas b 123	12	100.0	0.0	0.0	71.0	1.2	e
4 EPOC	23	95.7	4.3	0.0	71.7	2.8	e
5 RAPIDPoint 500	28	100.0	0.0	0.0	65.9	1.1	e

5 additional results were submitted but not published because the method groups were too small. (< results per group)

Calcium BG



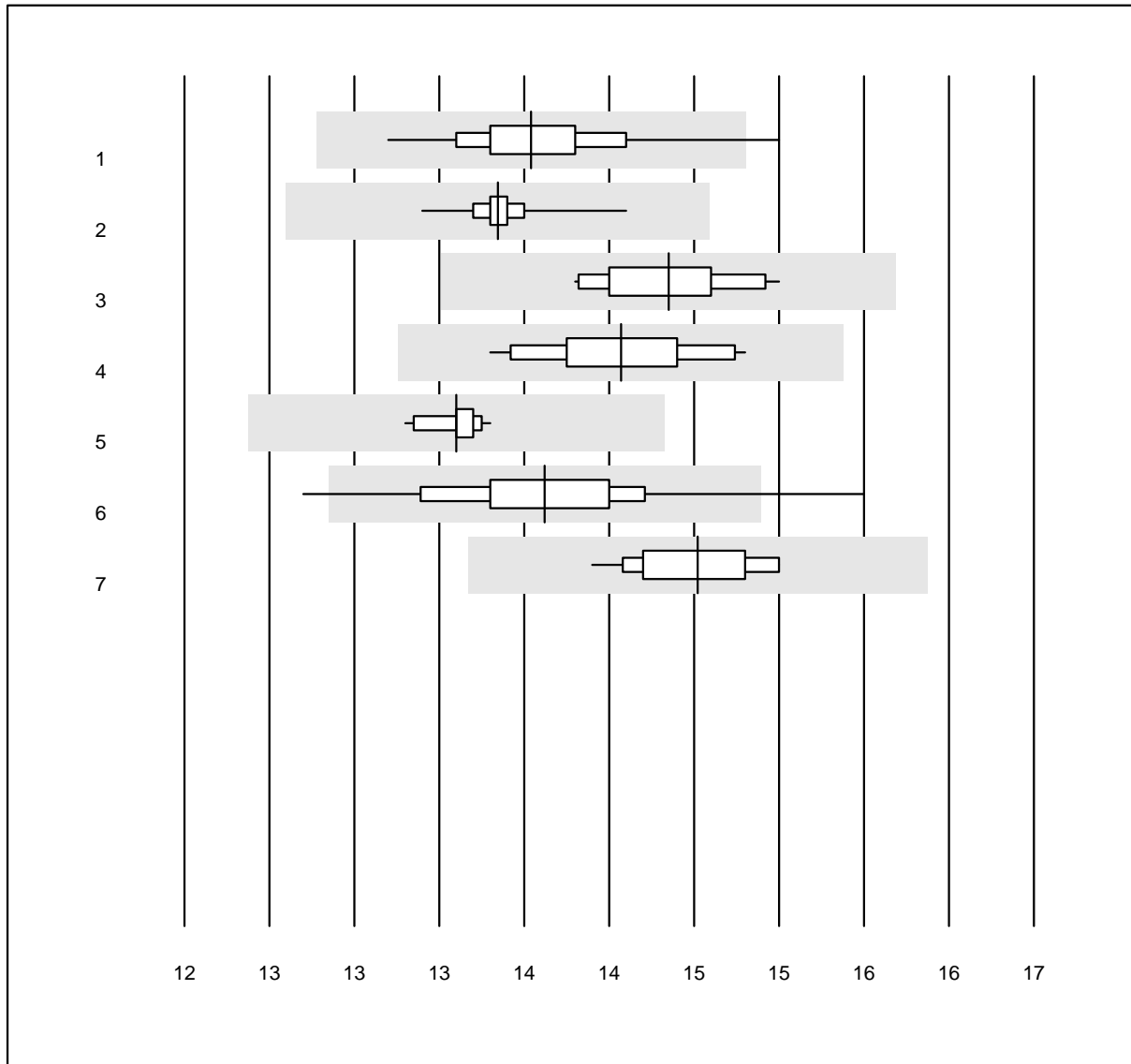
MQ Toleranz: 12%
(< 2.0: +/- 0.24 mmol/l)

Calcium BG (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	106	100.0	0.0	0.0	0.38	4.5	e
2 ABL90 FLEX / PLUS	159	100.0	0.0	0.0	0.37	2.2	e
3 GEM	12	100.0	0.0	0.0	0.28	5.4	e
4 Cobas b 123	12	100.0	0.0	0.0	0.15	15.2	e
5 iStat	21	95.2	4.8	0.0	0.30	24.0	e
6 EPOC	45	97.8	0.0	2.2	0.29	3.6	e
7 RAPIDPoint 500	27	100.0	0.0	0.0	0.33	5.2	e

5 additional results were submitted but not published because the method groups were too small. (< results per group)

Glucose BG



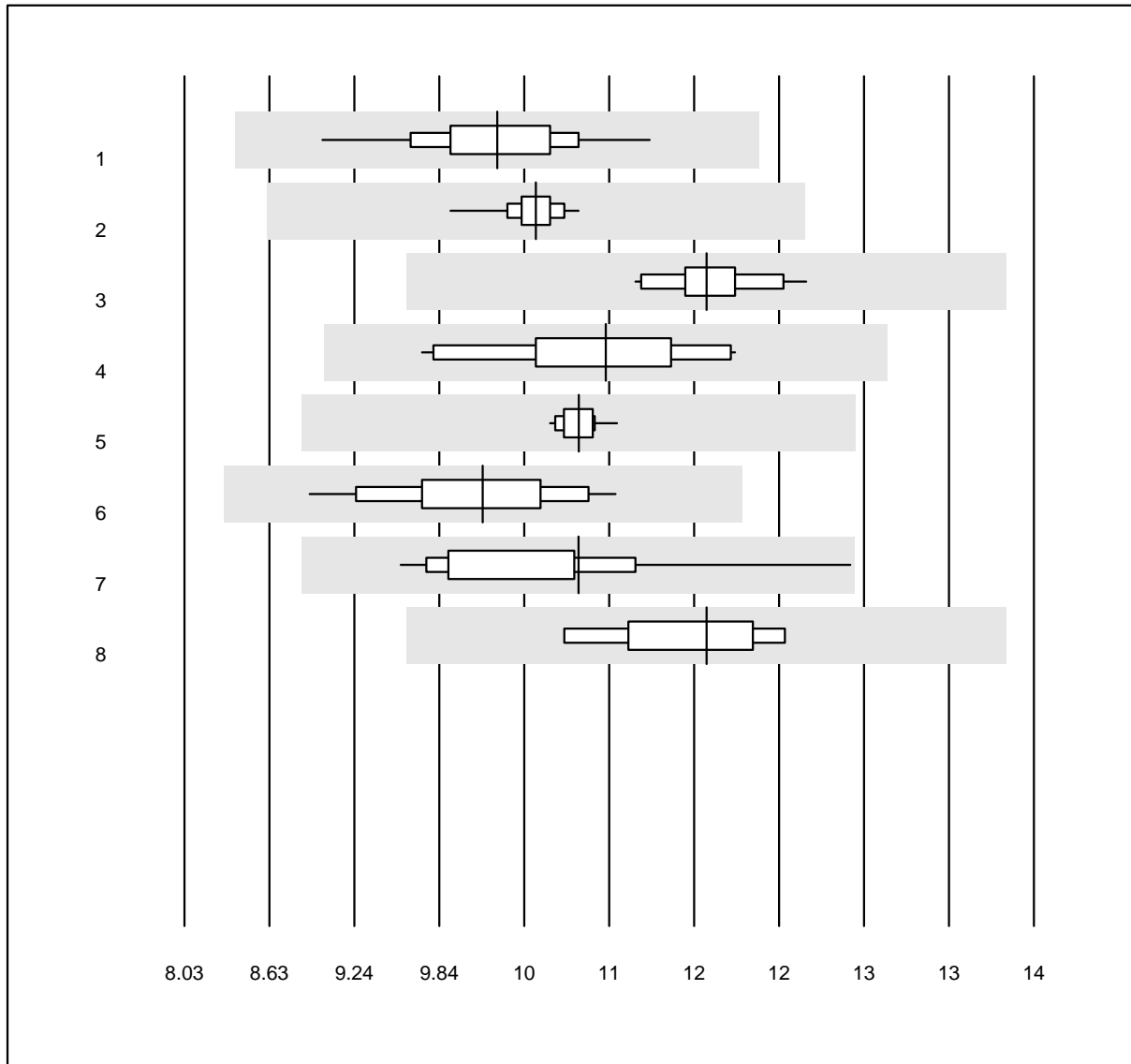
QUALAB Toleranz: 9%

Glucose BG (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	107	99.1	0.9	0.0	14.0	2.7	e
2 ABL90 FLEX / PLUS	151	99.3	0.0	0.7	13.8	1.2	e
3 GEM	11	100.0	0.0	0.0	14.9	2.5	e
4 Cobas b 123	12	100.0	0.0	0.0	14.6	2.9	e
5 iStat	14	100.0	0.0	0.0	13.6	0.9	e
6 EPOC	48	93.8	6.2	0.0	14.1	4.2	e
7 RAPIDPoint 500	27	100.0	0.0	0.0	15.0	2.2	e

4 additional results were submitted but not published because the method groups were too small. (< results per group)

Lactate-BG



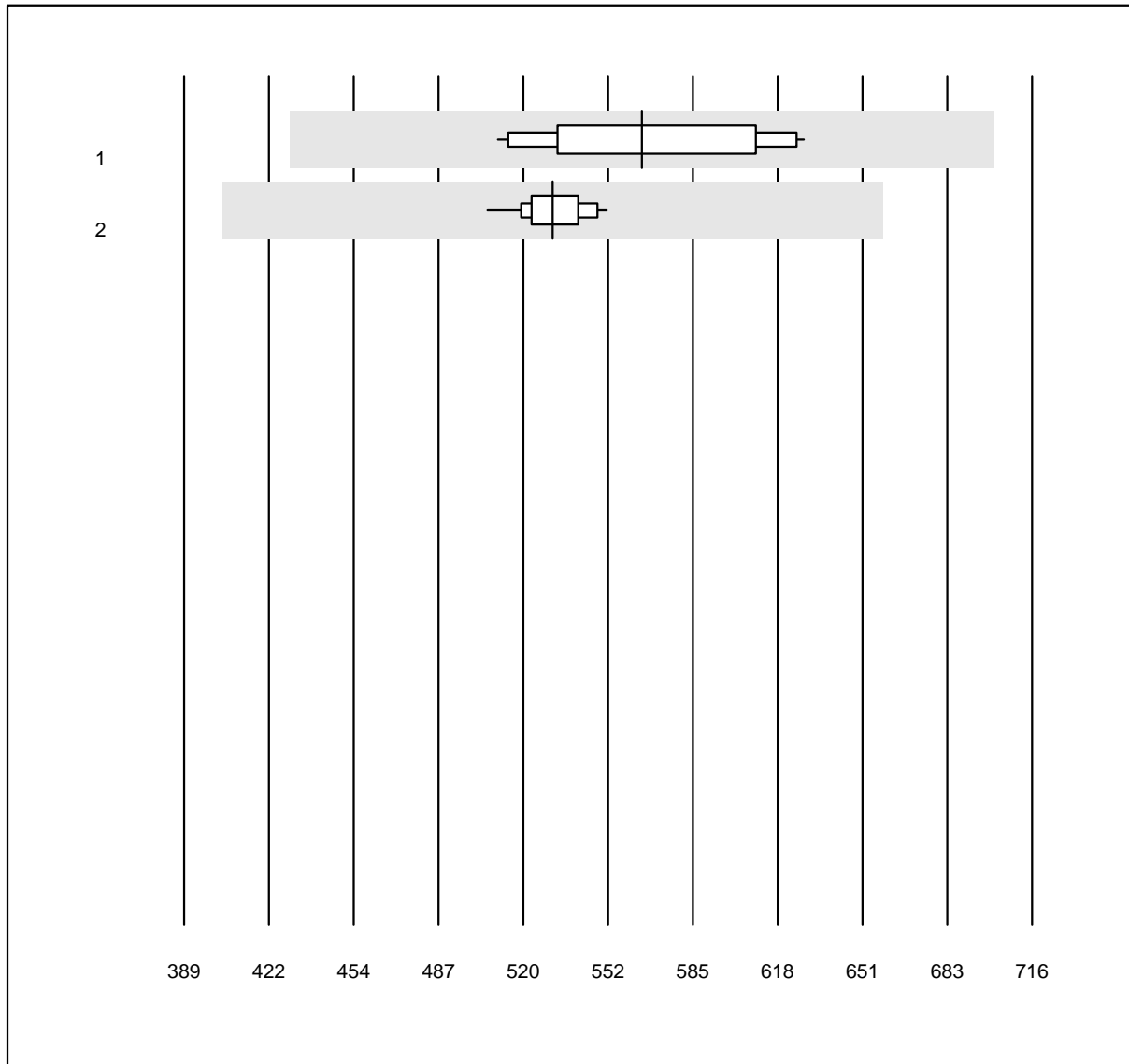
QUALAB Toleranz: 18%

Lactate-BG (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	112	99.1	0.0	0.9	10.23	4.6	e
2 ABL90 FLEX / PLUS	165	99.4	0.0	0.6	10.50	1.6	e
3 GEM	13	100.0	0.0	0.0	11.70	2.7	e
4 Cobas b 123	10	100.0	0.0	0.0	10.99	5.8	e
5 iStat	22	100.0	0.0	0.0	10.80	1.1	e
6 EPOC	46	100.0	0.0	0.0	10.13	5.7	e
7 RAPIDPoint 500	29	100.0	0.0	0.0	10.80	6.5	a
8 IL	4	100.0	0.0	0.0	11.70	4.0	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Troponin T

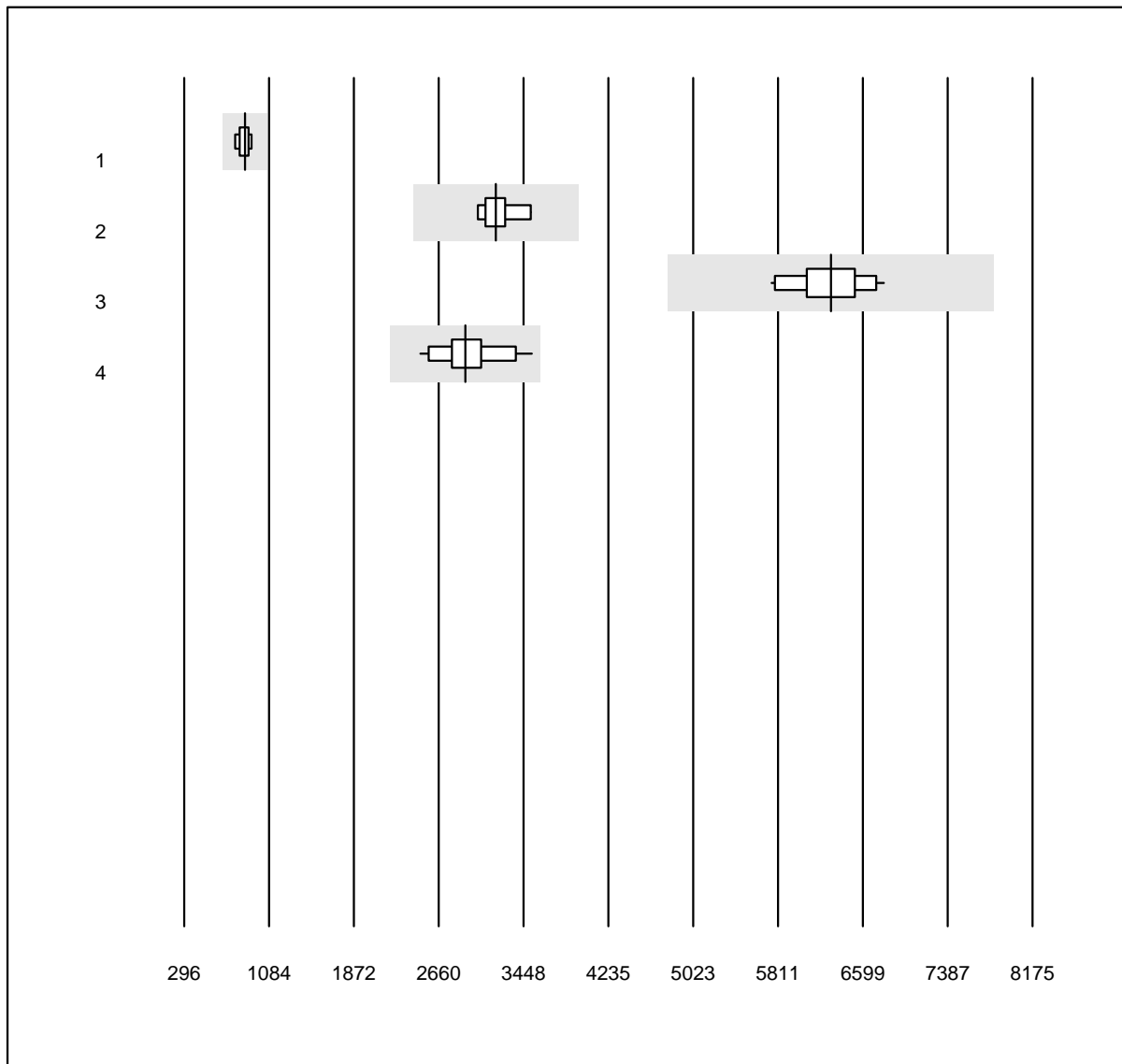


QUALAB Toleranz: 24%

Troponin T (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cobas hs	13	100.0	0.0	0.0	565.54	7.4	e
2 Cobas hs STAT	25	100.0	0.0	0.0	531.13	2.1	e

Troponin I



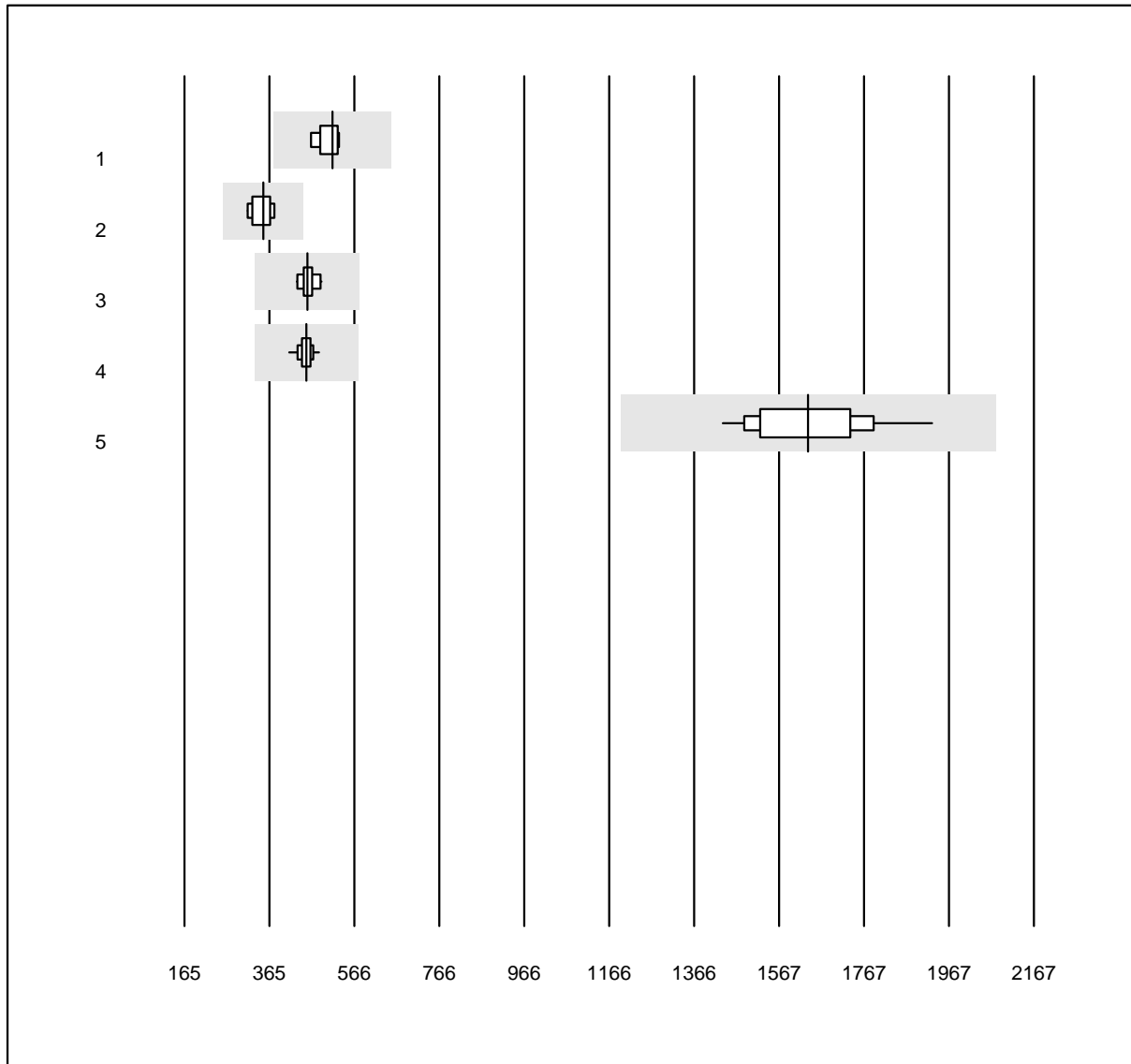
QUALAB Toleranz: 24%

Troponin I (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	860.8	5.4	e
2 Siemens	9	100.0	0.0	0.0	3190.8	4.6	e
3 Vidas	13	100.0	0.0	0.0	6303.7	4.9	e
4 Pathfast	24	95.8	0.0	4.2	2907.8	8.8	e

3 additional results were submitted but not published because the method groups were too small. (< results per group)

NT-proBNP



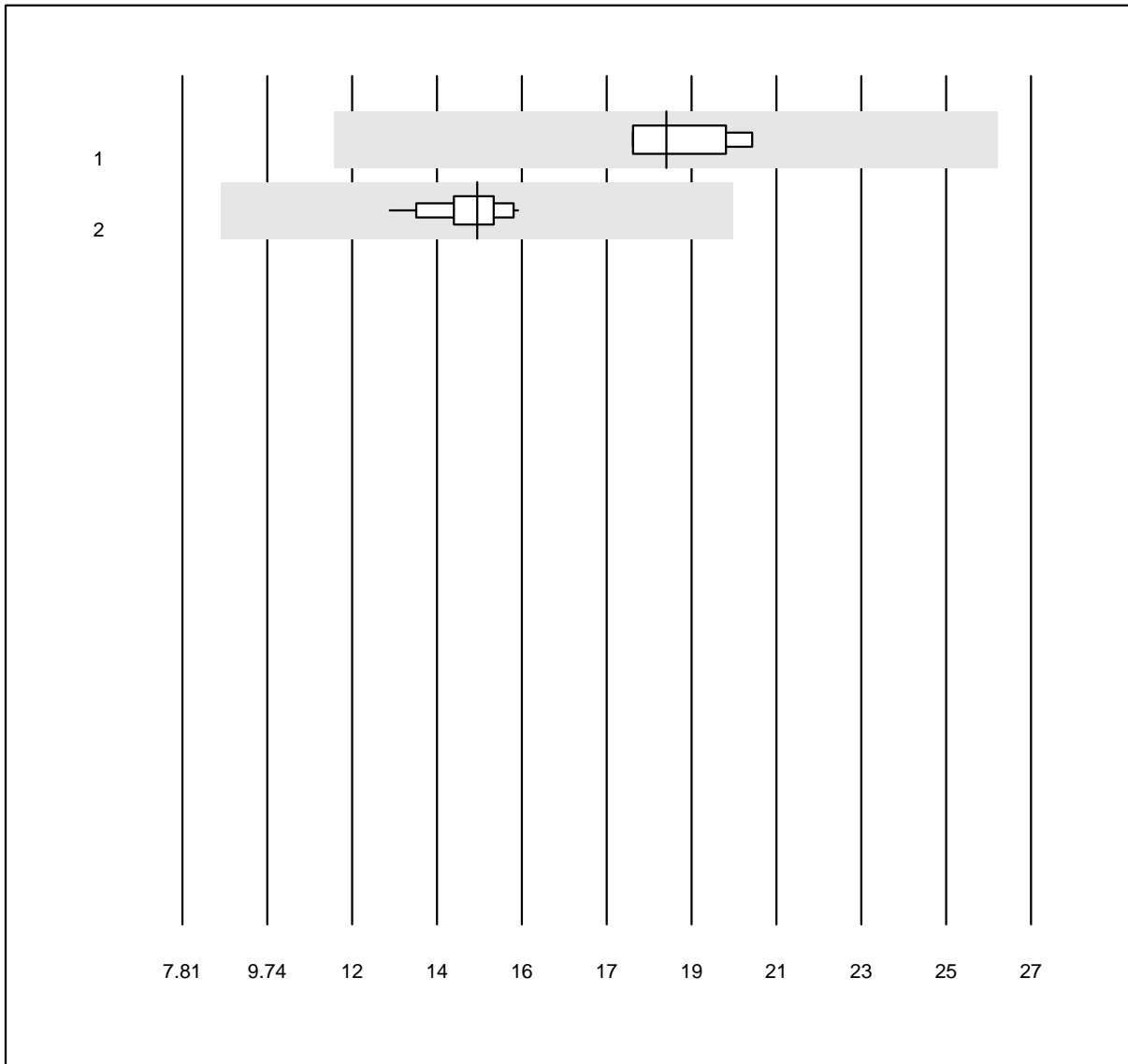
QUALAB Toleranz: 27%

NT-proBNP (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	513.9	4.6	e
2 Siemens	9	100.0	0.0	0.0	351.0	6.4	e
3 VIDAS	10	100.0	0.0	0.0	454.9	3.5	e
4 Cobas E / Elecsys	31	100.0	0.0	0.0	452.3	3.3	e
5 Pathfast	18	100.0	0.0	0.0	1634.7	7.8	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

CK-MB mass



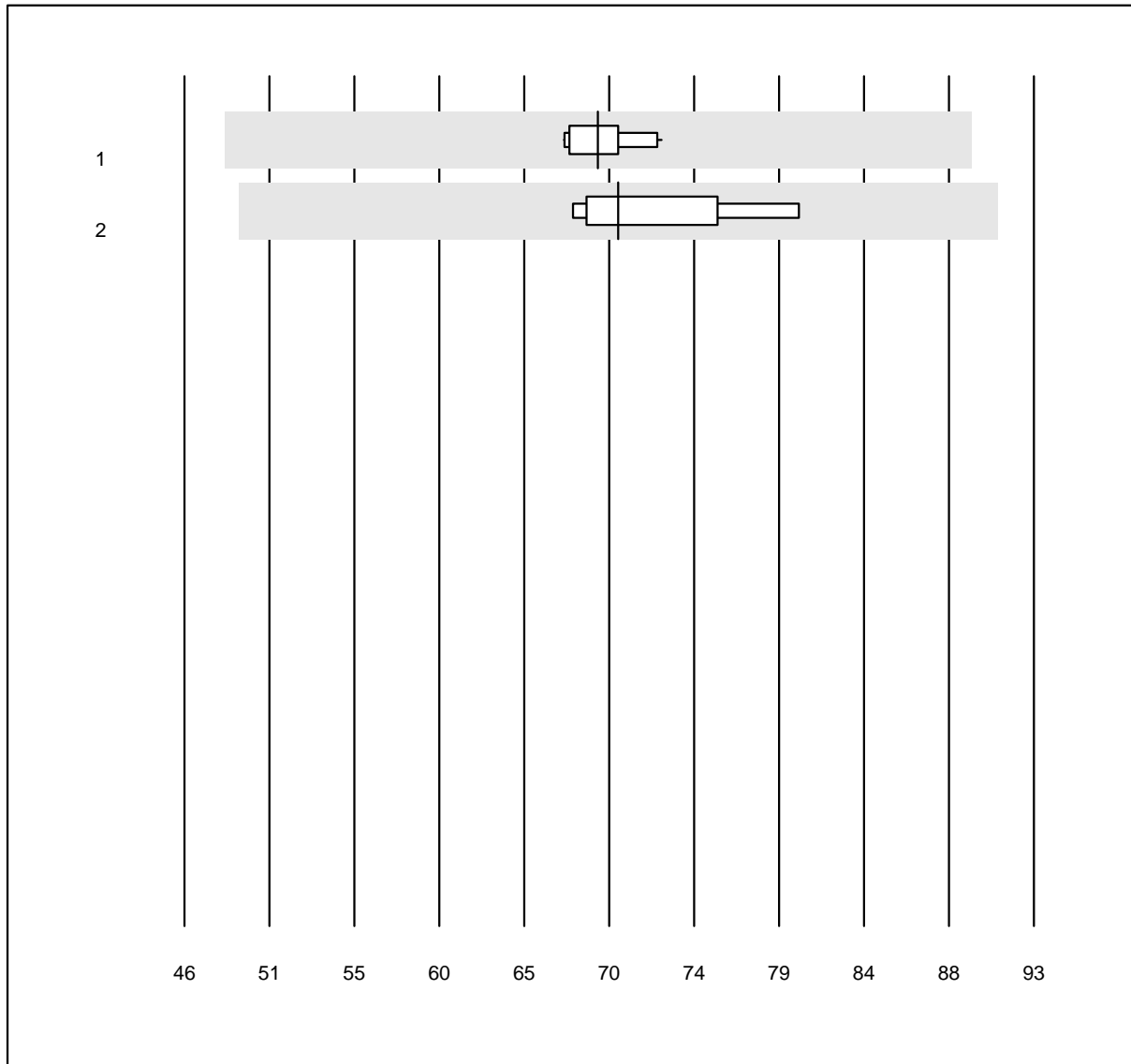
MQ Toleranz: 40%

CK-MB mass (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 VIDAS	4	100.0	0.0	0.0	18.8	6.0	e
2 Cobas E / Elecsys	14	100.0	0.0	0.0	14.5	5.2	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Myoglobin



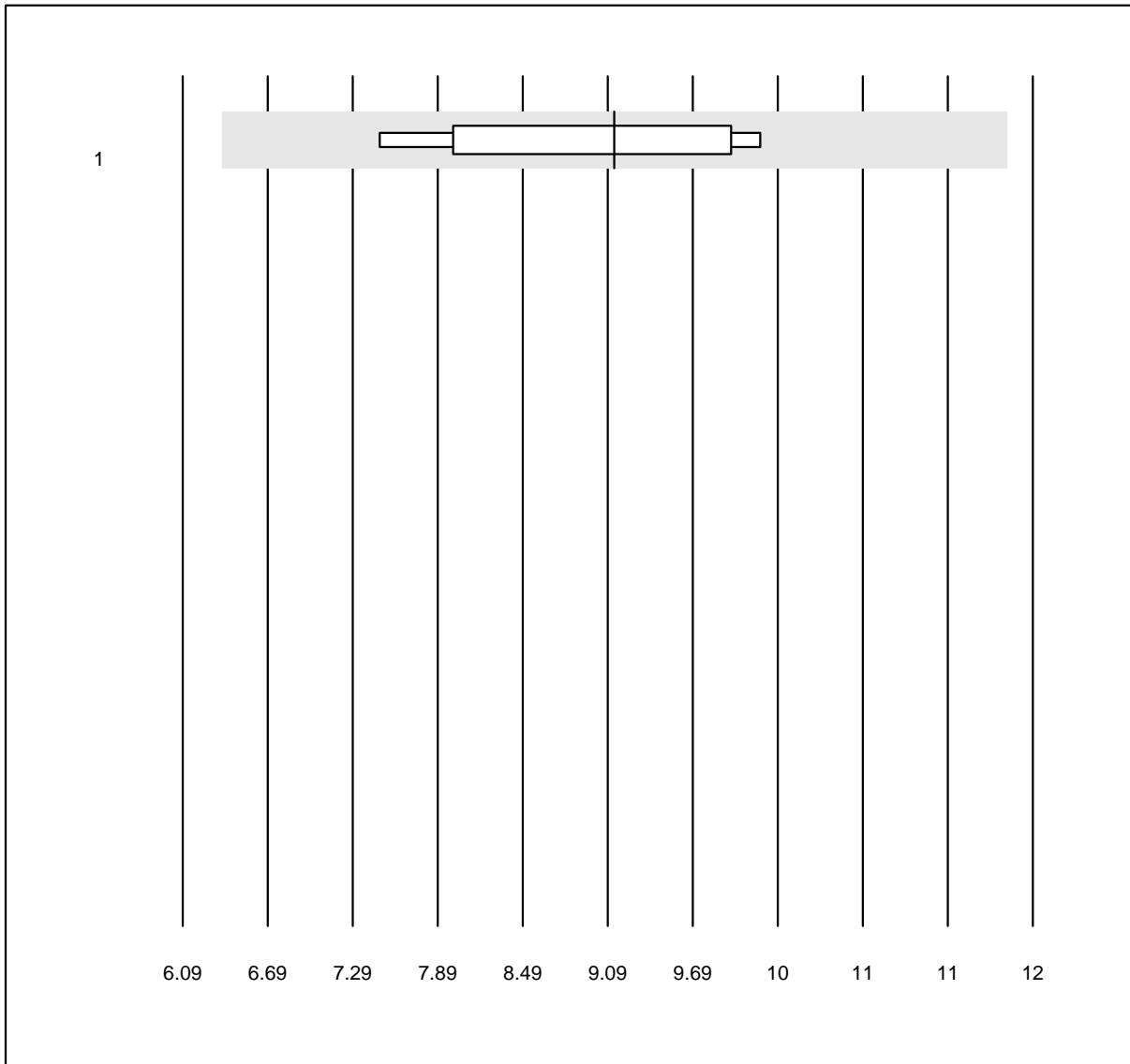
QUALAB Toleranz: 30%

Myoglobin (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cobas E / Elecsys	10	100.0	0.0	0.0	68.9	2.4	e
2 Other methods	4	100.0	0.0	0.0	70.0	5.7	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

17-OH-Progesteron



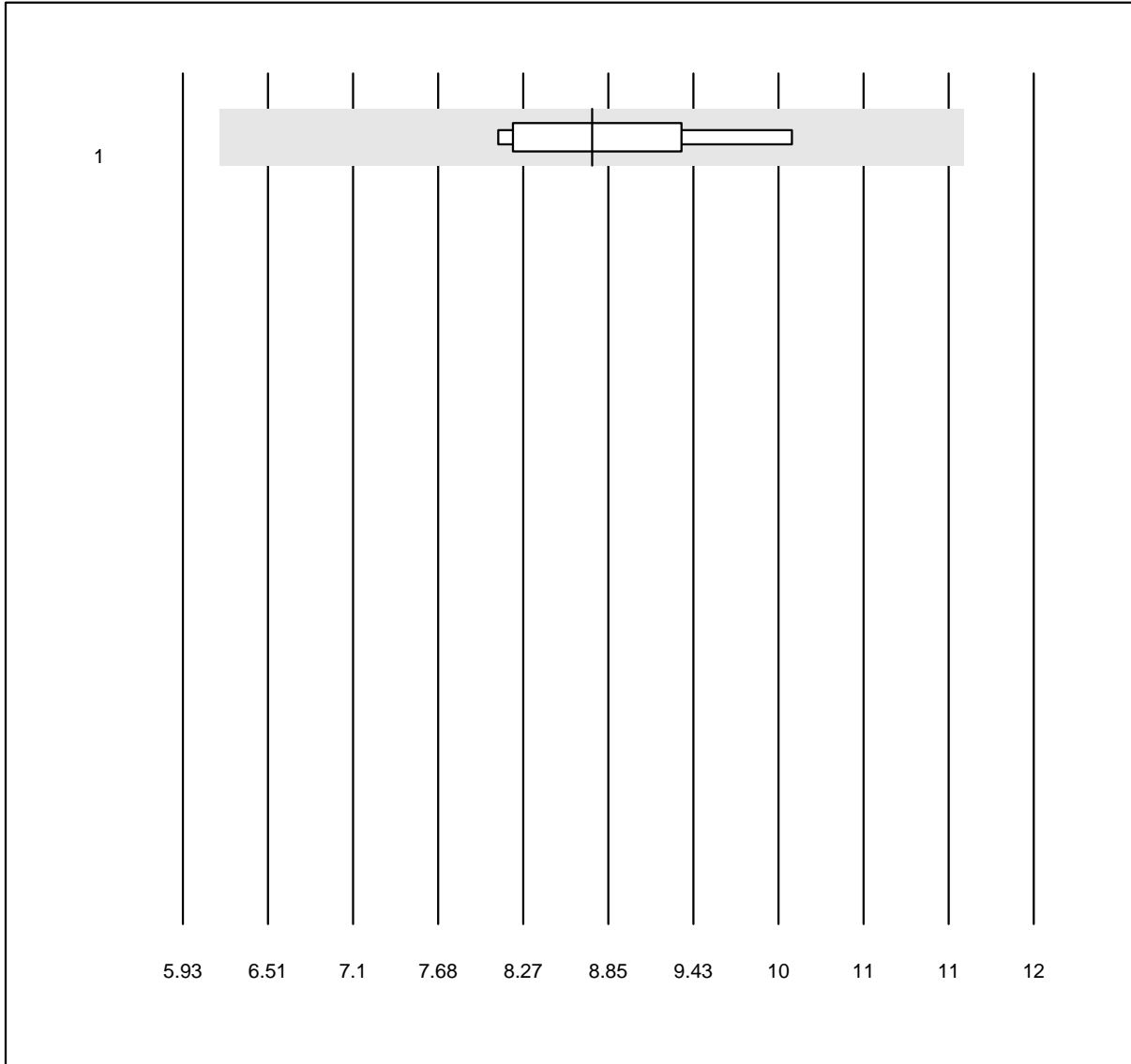
MQ Toleranz: 30%

17-OH-Progesteron (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Other methods	4	100.0	0.0	0.0	9.1	11.4	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Androstendion



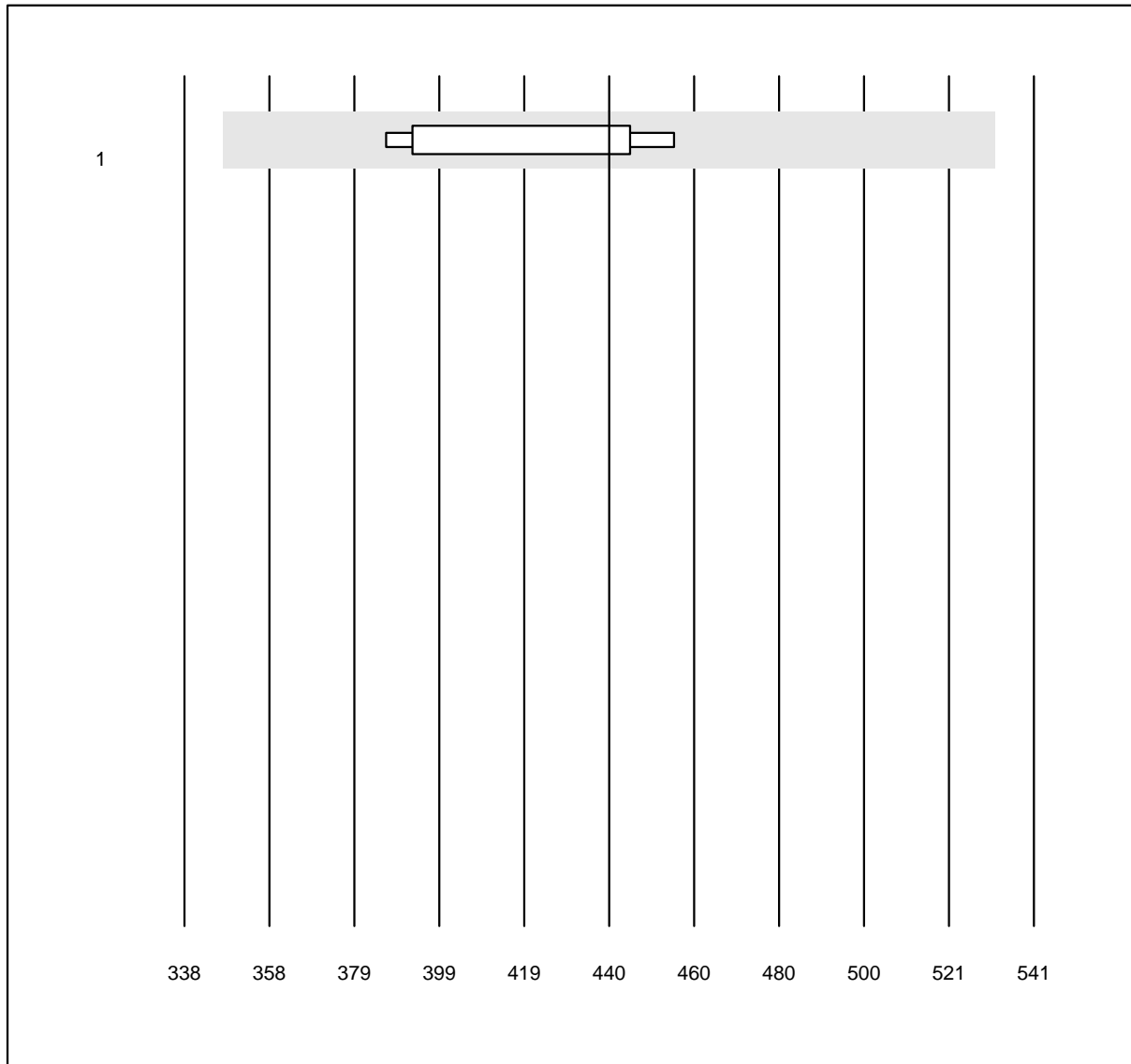
MQ Toleranz: 30%

Androstendion (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	6	100.0	0.0	0.0	8.8	7.7	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Beta-HCG total



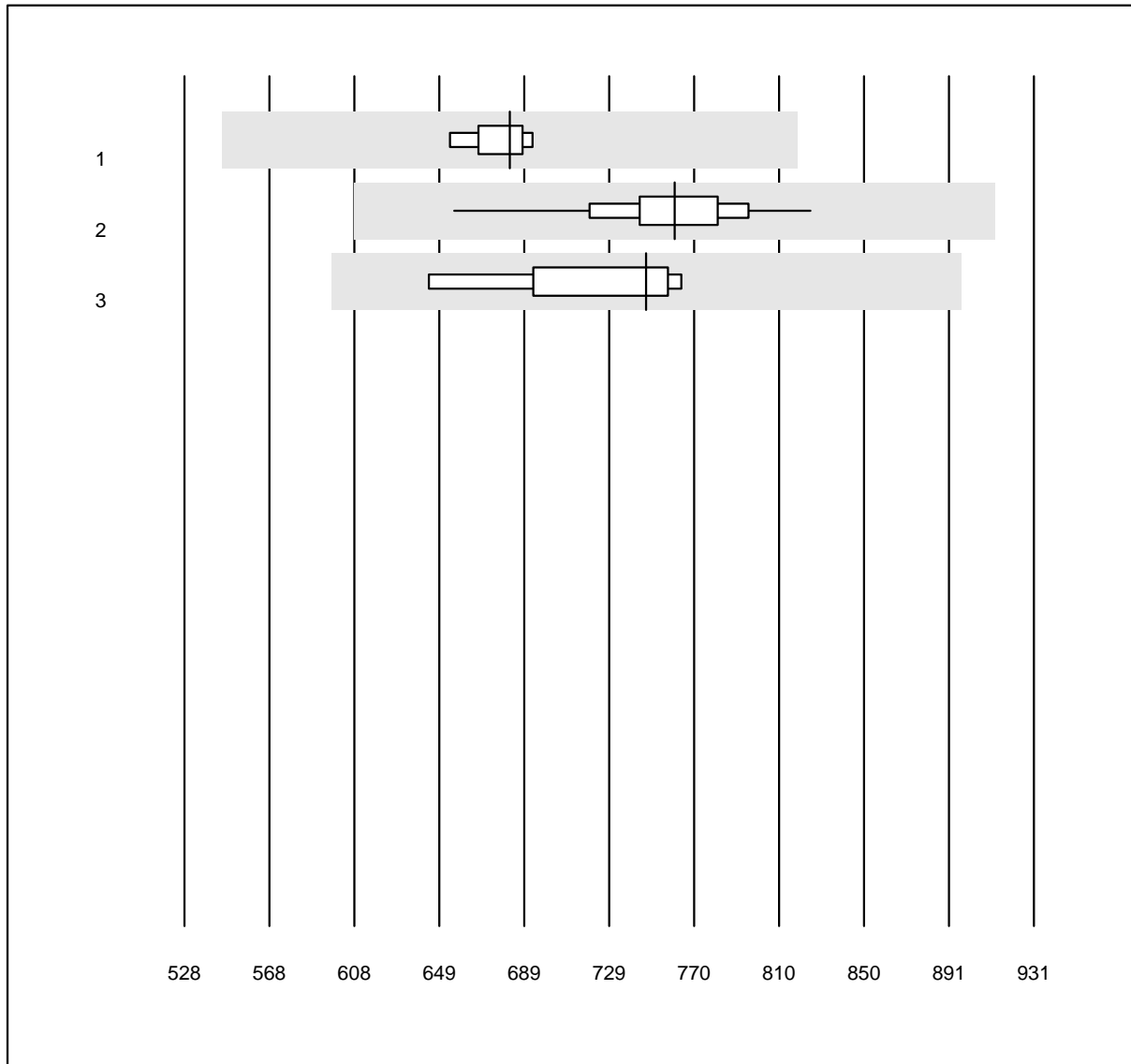
QUALAB Toleranz: 21%

Beta-HCG total (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 AFIAS	6	100.0	0.0	0.0	439.5	6.4	e*

3 additional results were submitted but not published because the method groups were too small. (< results per group)

Cortisol



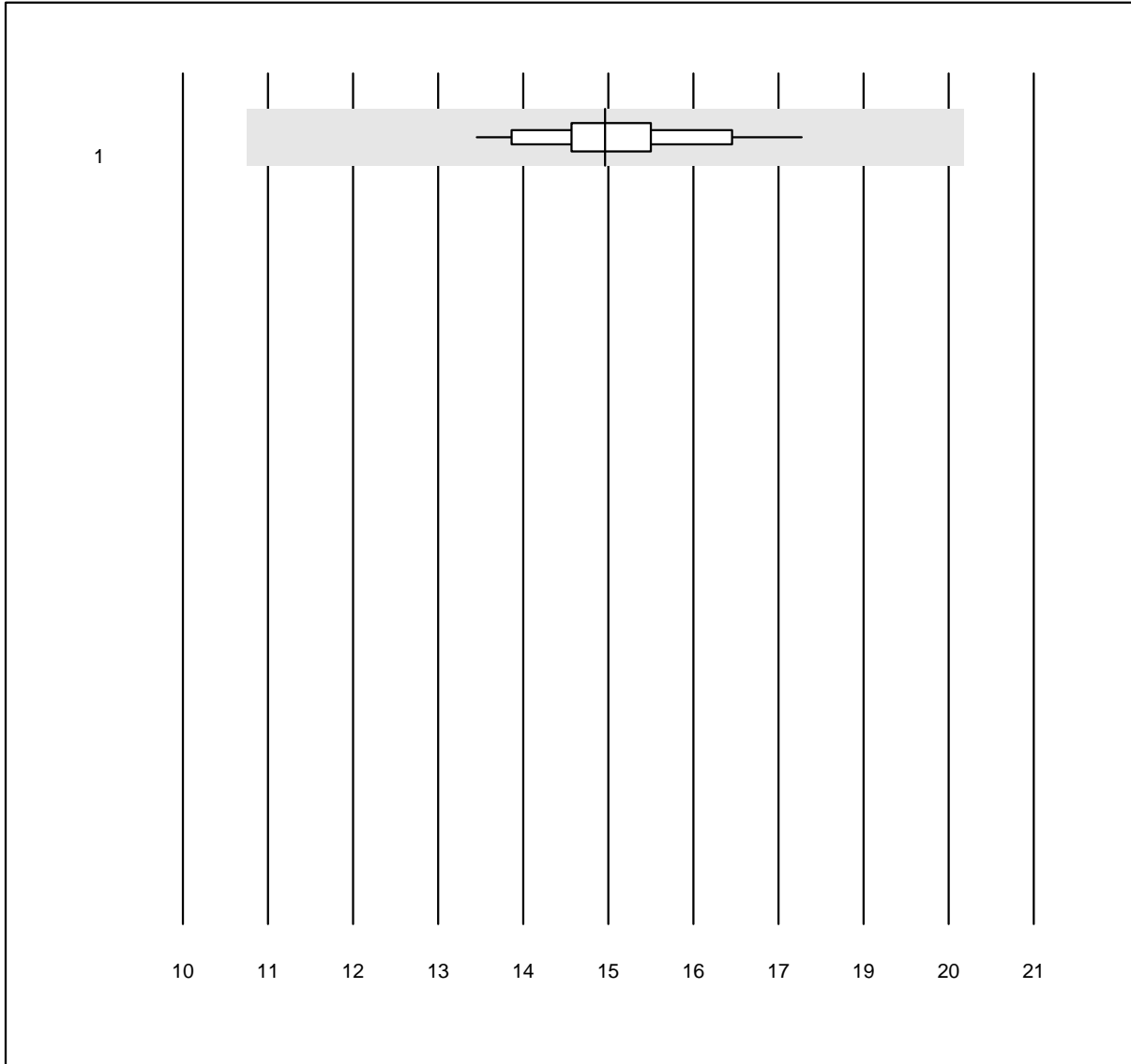
QUALAB Toleranz: 20%

Cortisol (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	4	100.0	0.0	0.0	682	1.7	e
2 Roche	23	100.0	0.0	0.0	761	4.4	e
3 Other methods	4	100.0	0.0	0.0	747	5.1	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

DHEAS



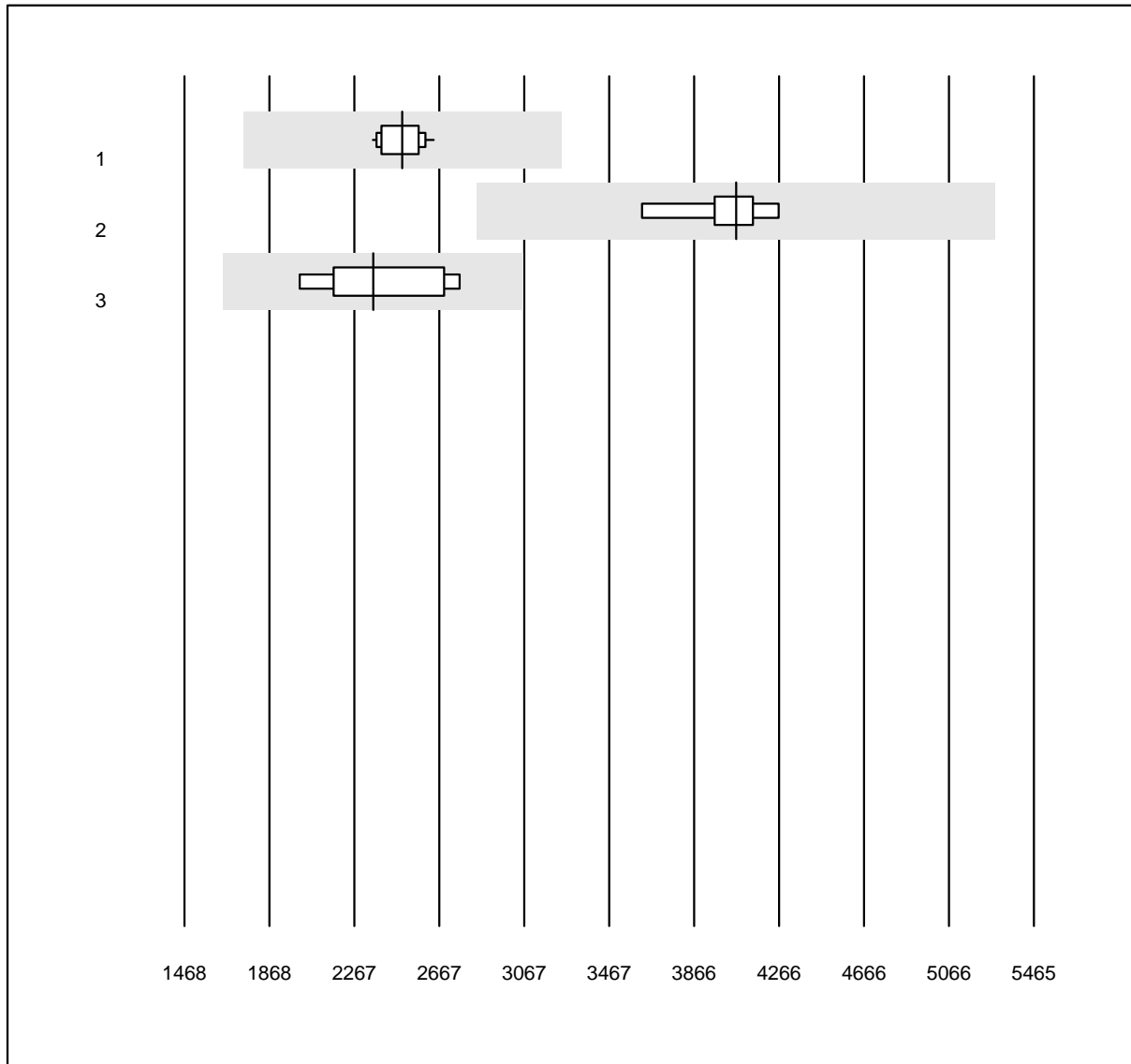
MQ Toleranz: 30%

DHEAS (µmol/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Roche	14	100.0	0.0	0.0	15.46	6.2	e

4 additional results were submitted but not published because the method groups were too small. (< results per group)

Estradiol



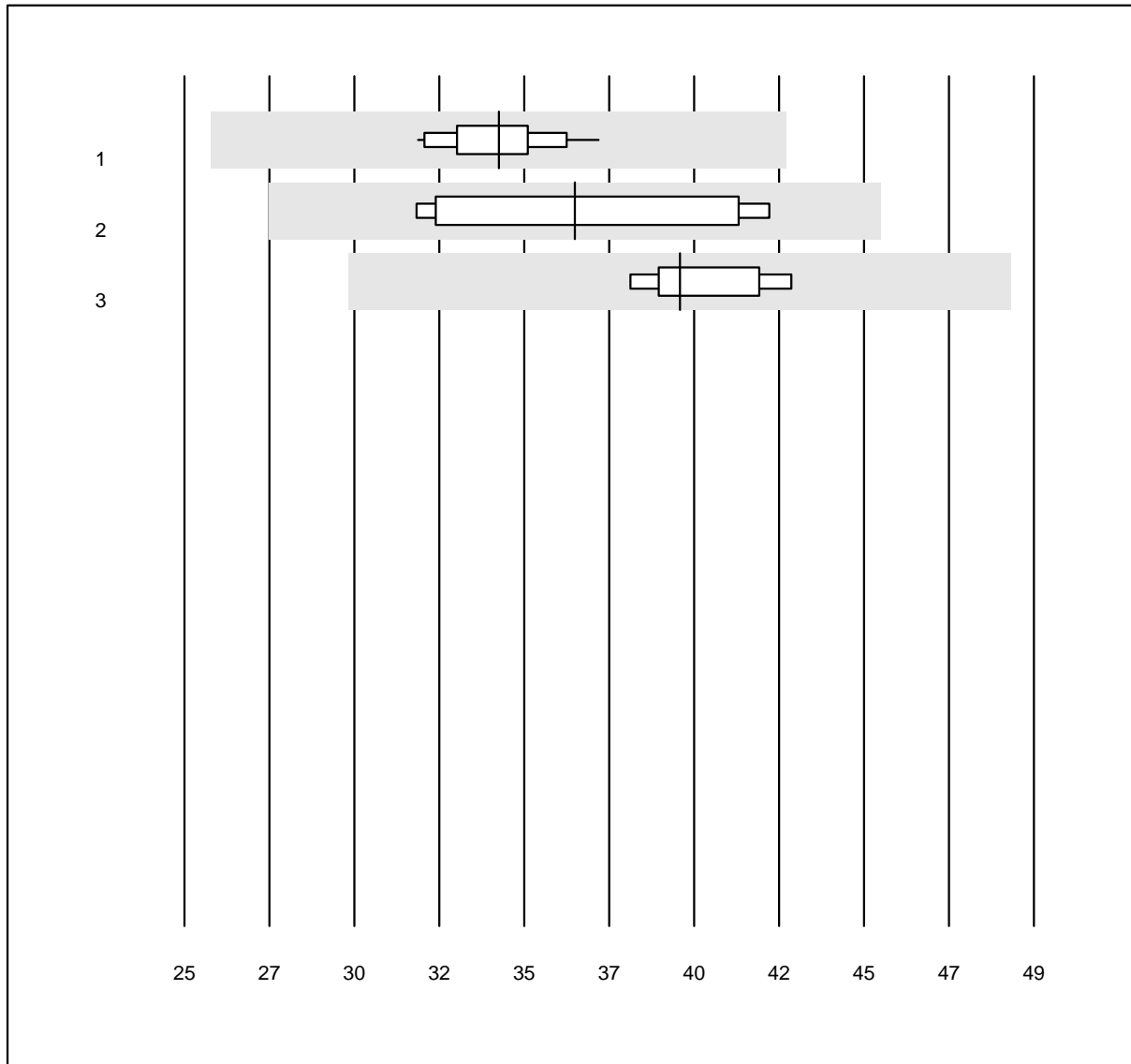
QUALAB Toleranz: 30%

Estradiol (pmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	15	100.0	0.0	0.0	2493	3.5	e
2 Siemens	7	100.0	0.0	0.0	4064	4.5	e
3 Other methods	6	100.0	0.0	0.0	2356	11.2	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Follicle-stimulating hormone



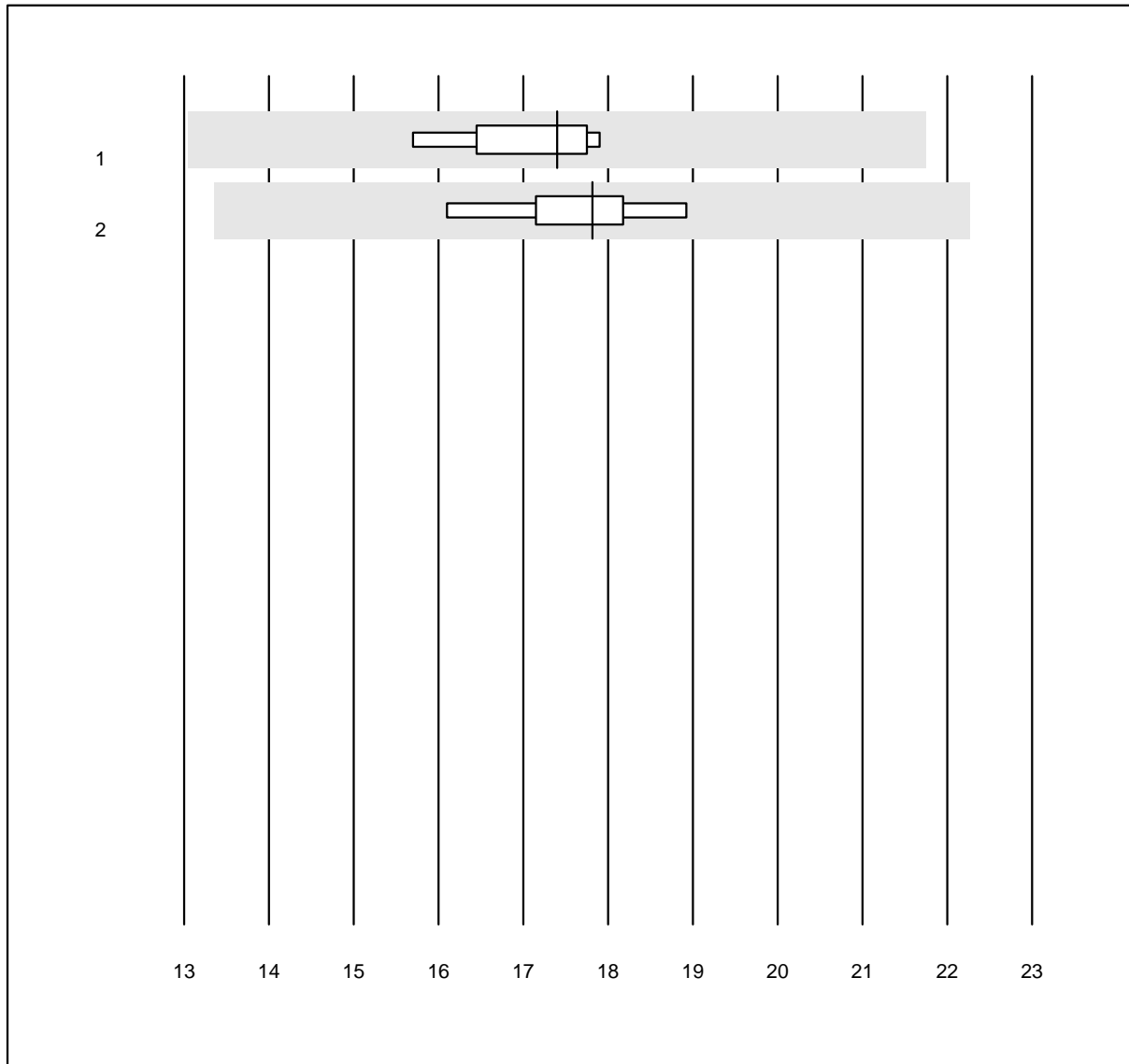
QUALAB Toleranz: 24%

Follicle-stimulating hormone (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	15	100.0	0.0	0.0	33.9	4.0	e
2 ADVIA Centaur XP/CP	5	100.0	0.0	0.0	36.0	11.9	e*
3 Other methods	4	75.0	0.0	25.0	39.0	3.6	

1 additional results were submitted but not published because the method groups were too small. (< results per group)

HGH

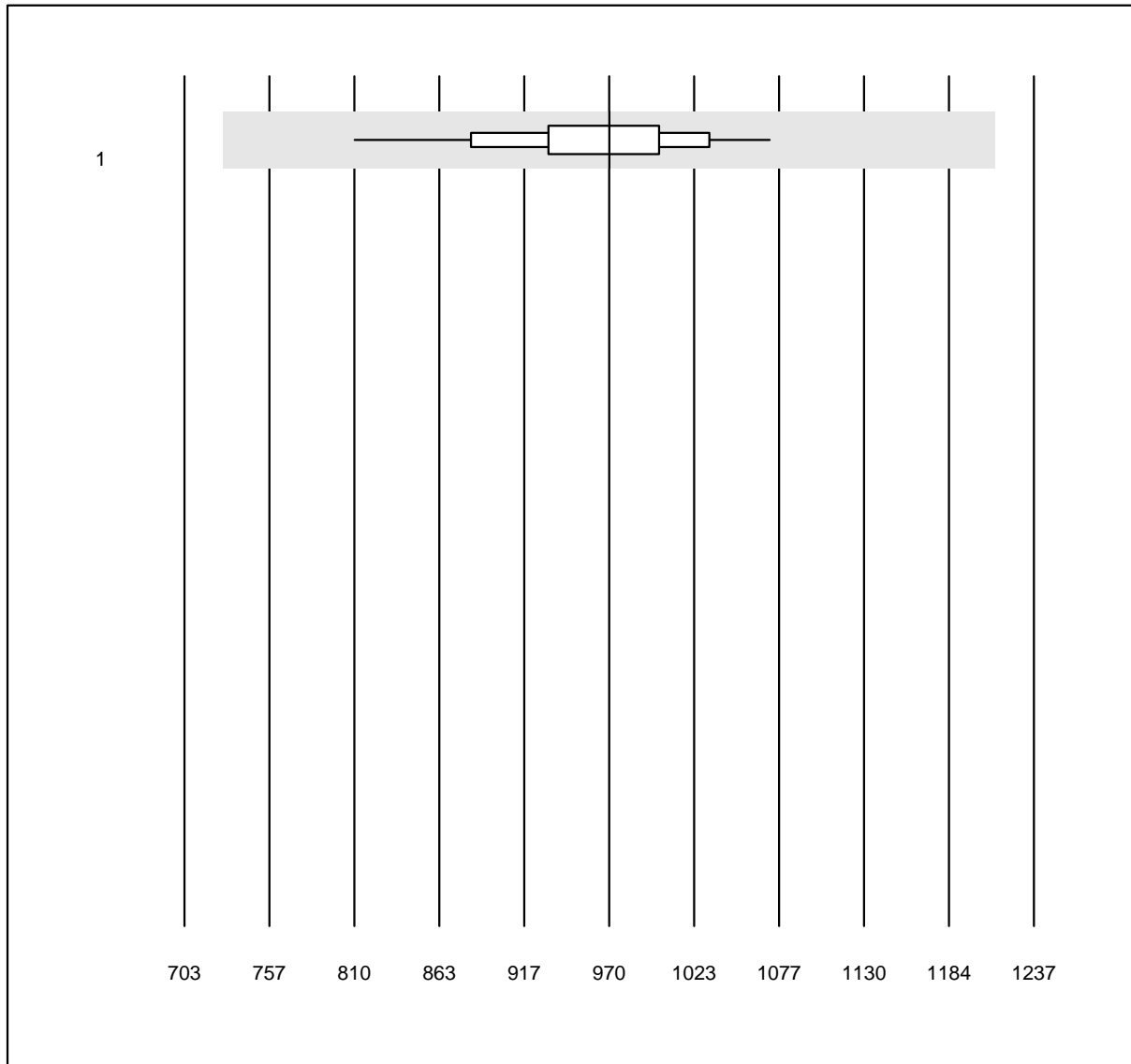


MQ Toleranz: 25%

HGH (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Liaison	4	100.0	0.0	0.0	17.40	4.1	e
2 all Participants	6	100.0	0.0	0.0	17.82	4.3	e

Insulin



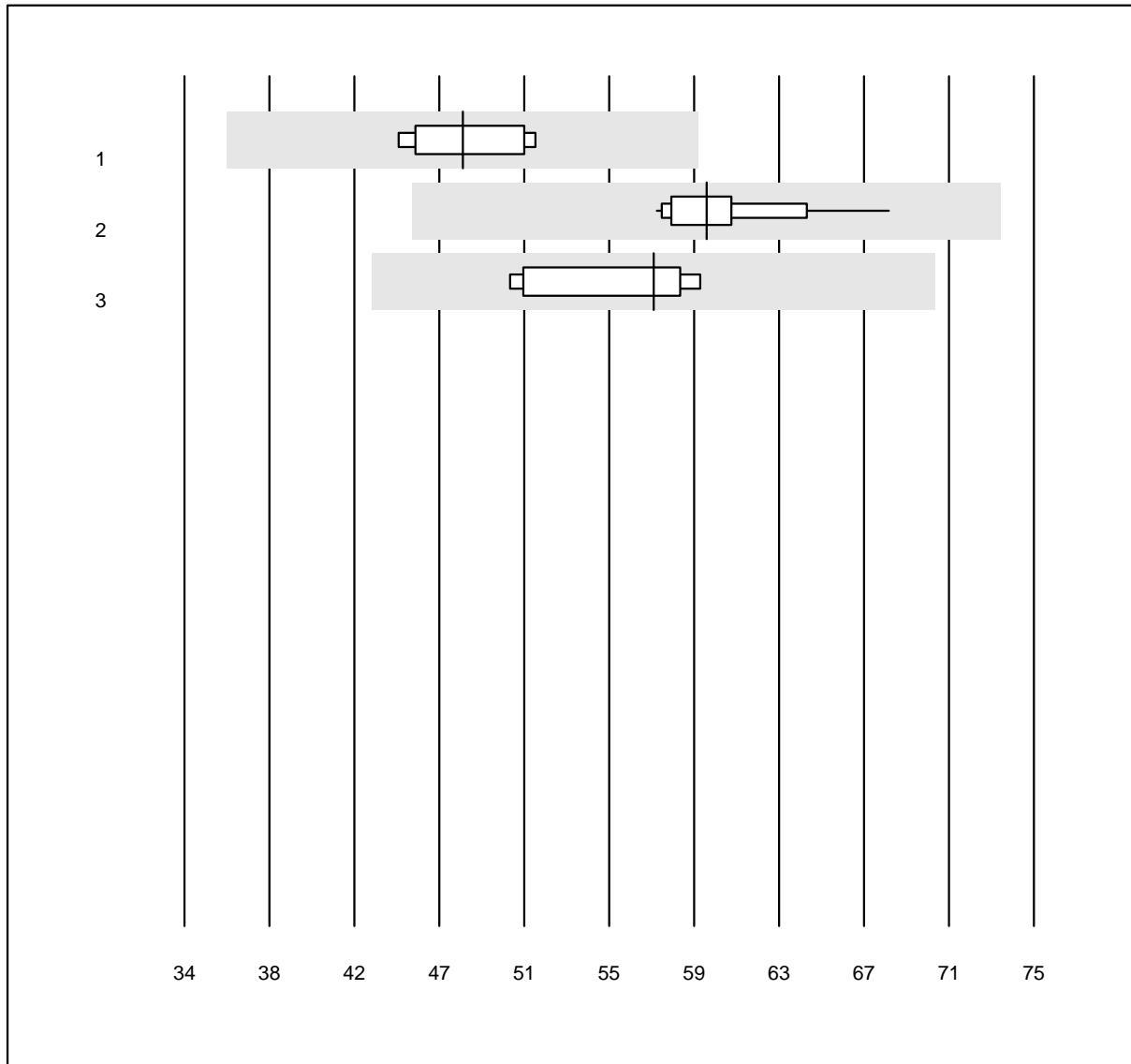
MQ Toleranz: 25%

Insulin (pmol/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Roche	19	100.0	0.0	0.0	970	6.1	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Luteinizing hormone



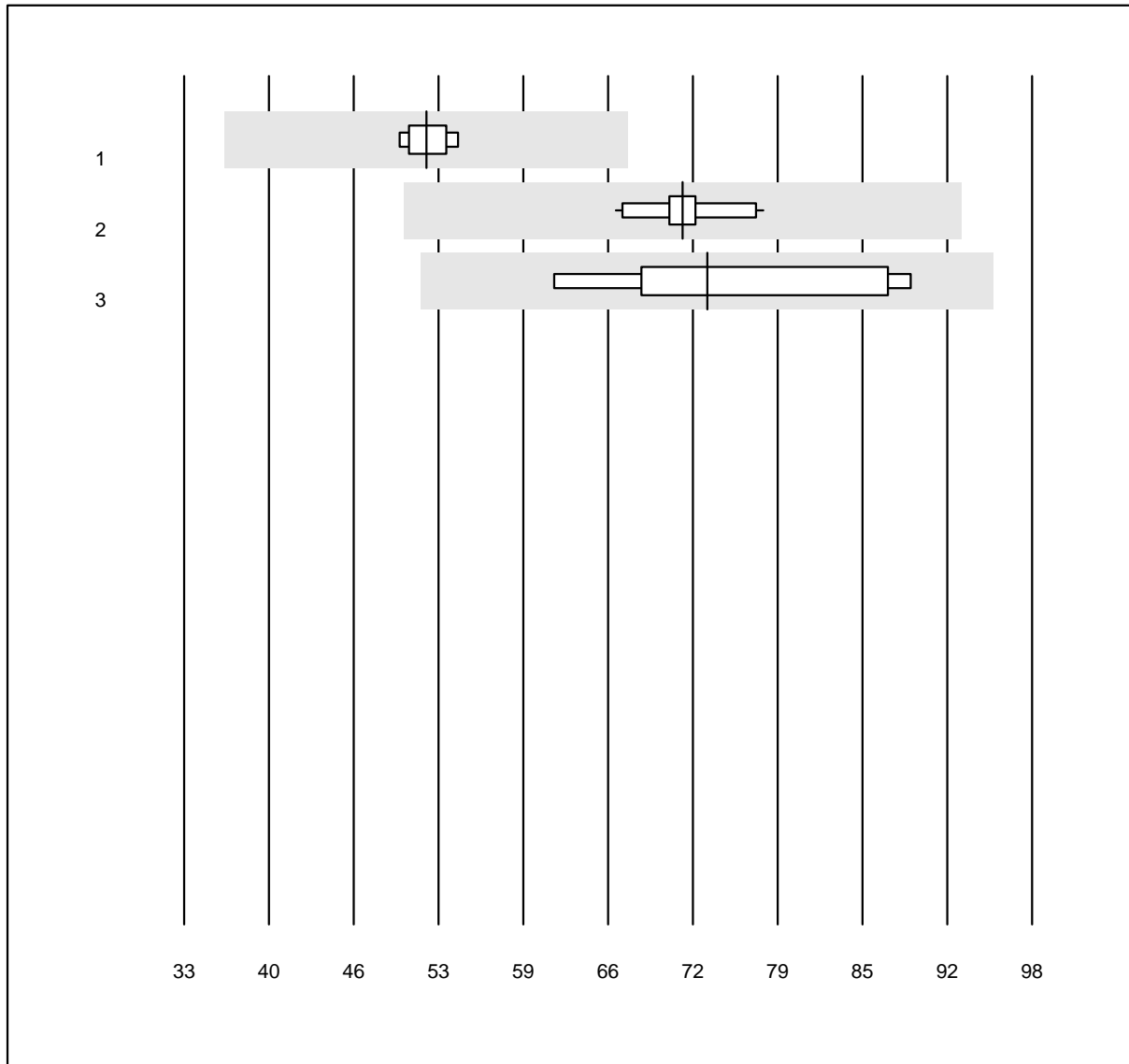
QUALAB Toleranz: 24%

Luteinizing hormone (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	47.4	5.7	e
2 Roche	15	100.0	0.0	0.0	59.2	4.6	e
3 Siemens	6	100.0	0.0	0.0	56.6	6.9	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Progesteron



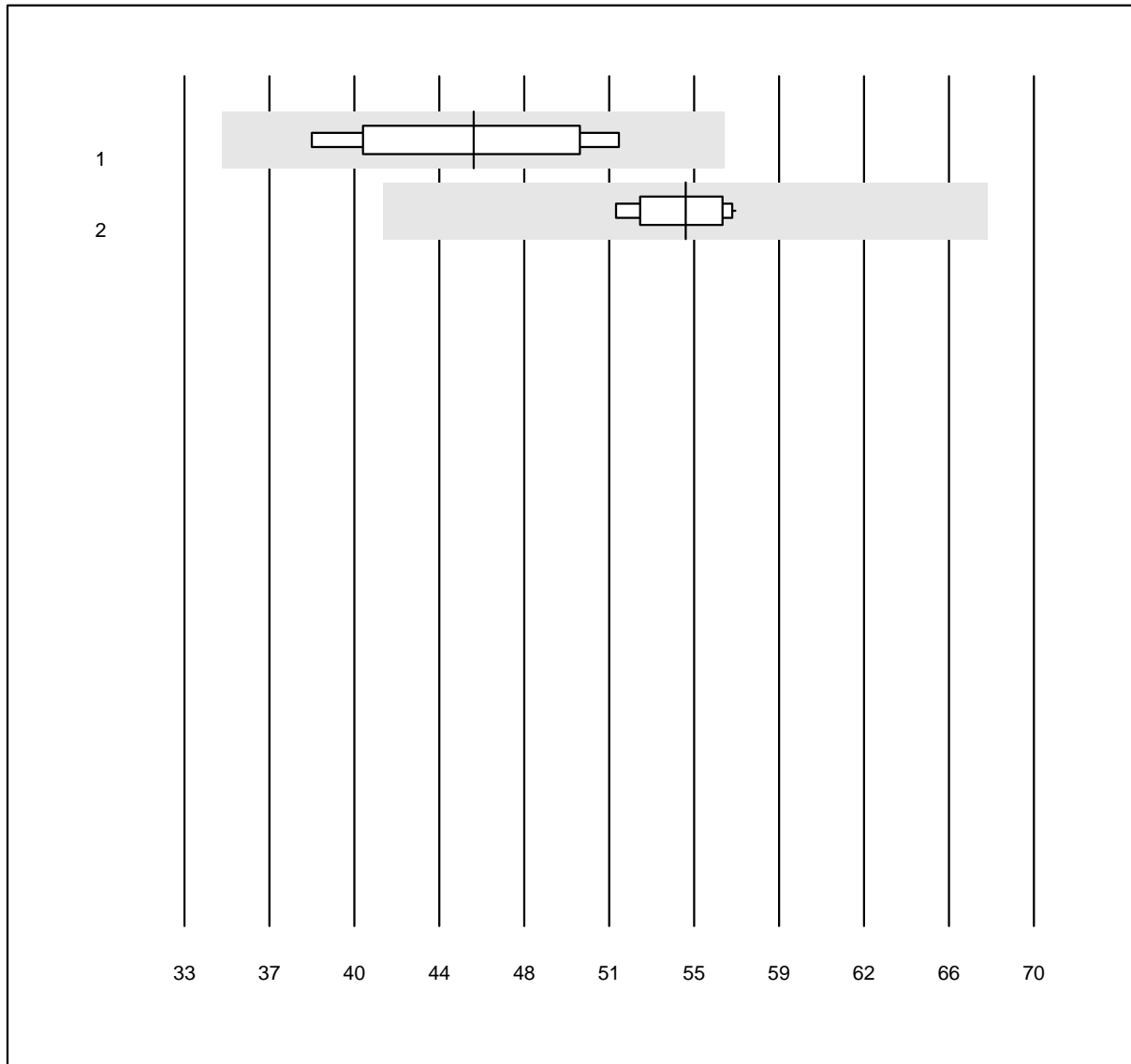
MQ Toleranz: 30%

Progesteron (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	4	100.0	0.0	0.0	51.6	2.9	e
2 Roche	11	100.0	0.0	0.0	71.2	4.1	e
3 Other methods	6	100.0	0.0	0.0	73.1	12.9	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Prolactin (PRL)



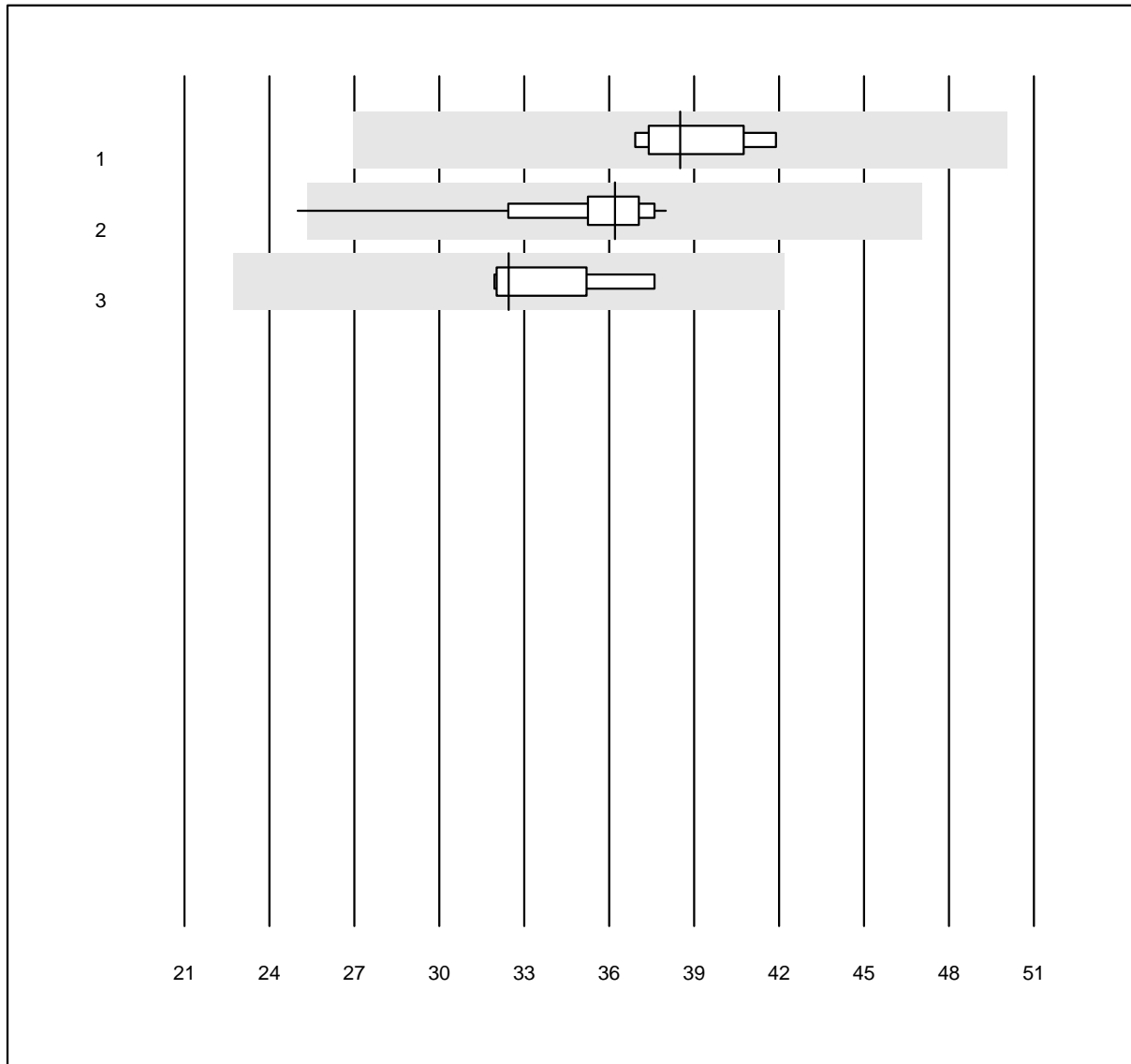
QUALAB Toleranz: 24%

Prolactin (PRL) (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	45.6	10.7	e*
2 Cobas/Roche	16	100.0	0.0	0.0	54.8	3.4	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

SHBG

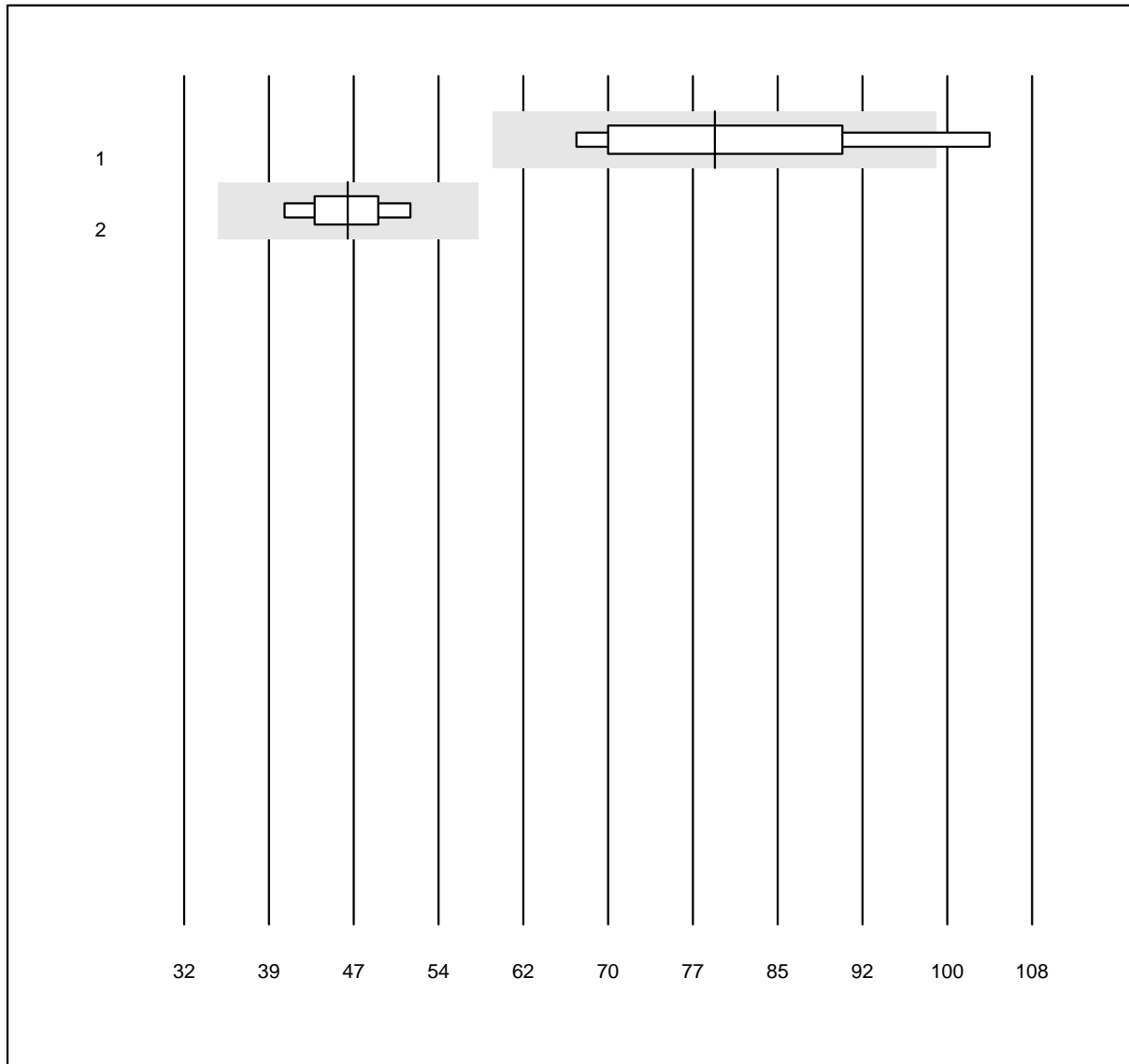


MQ Toleranz: 30%

SHBG (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	7	100.0	0.0	0.0	38.5	4.7	e
2 Roche	17	94.1	5.9	0.0	36.2	8.2	e
3 Siemens	4	100.0	0.0	0.0	32.5	5.7	e

IGF-1

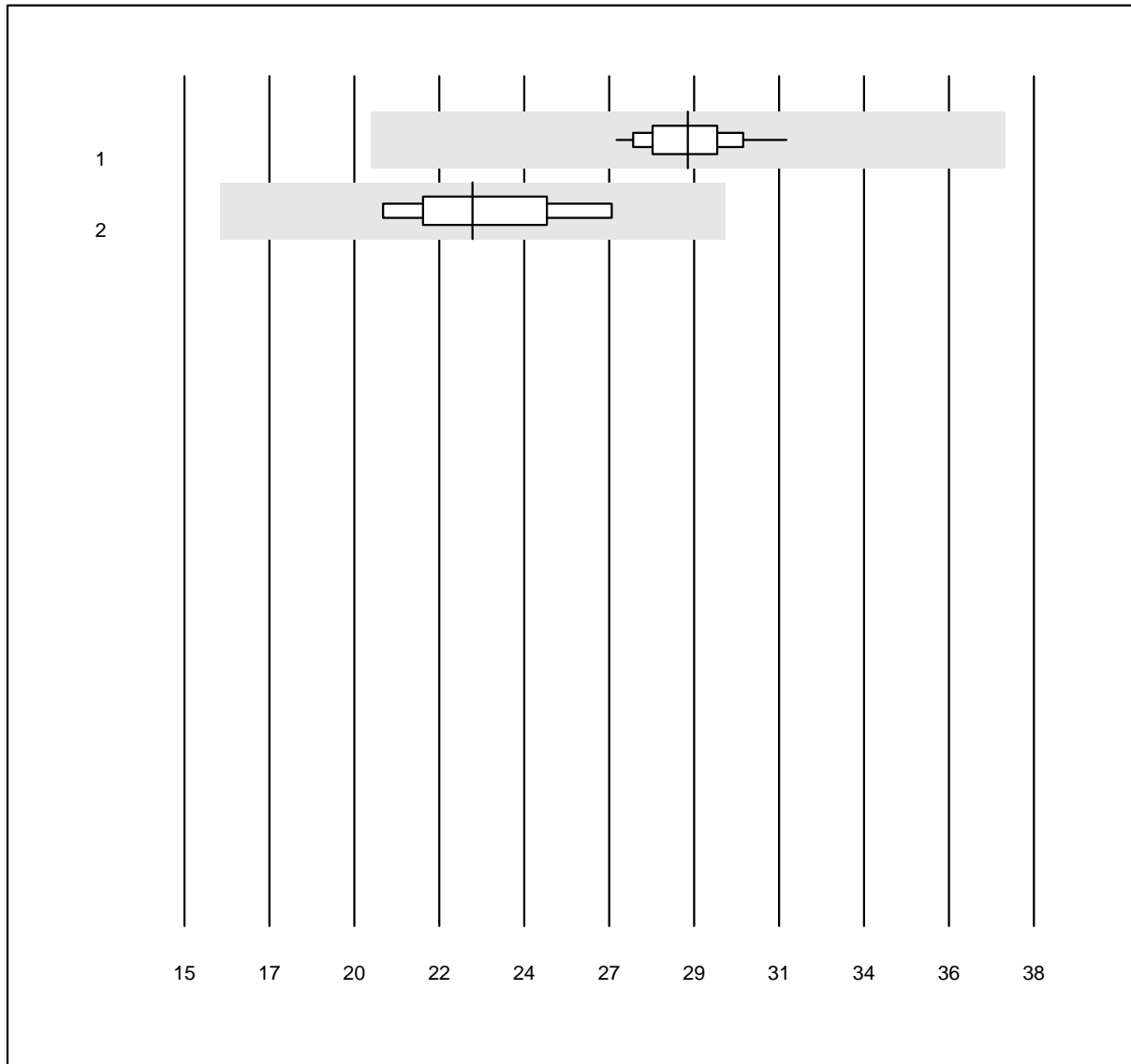


MQ Toleranz: 25%

IGF-1 (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Liaison	7	85.7	14.3	0.0	80	14.8	e*
2 Other methods	5	100.0	0.0	0.0	47	7.0	e*

Testosterone



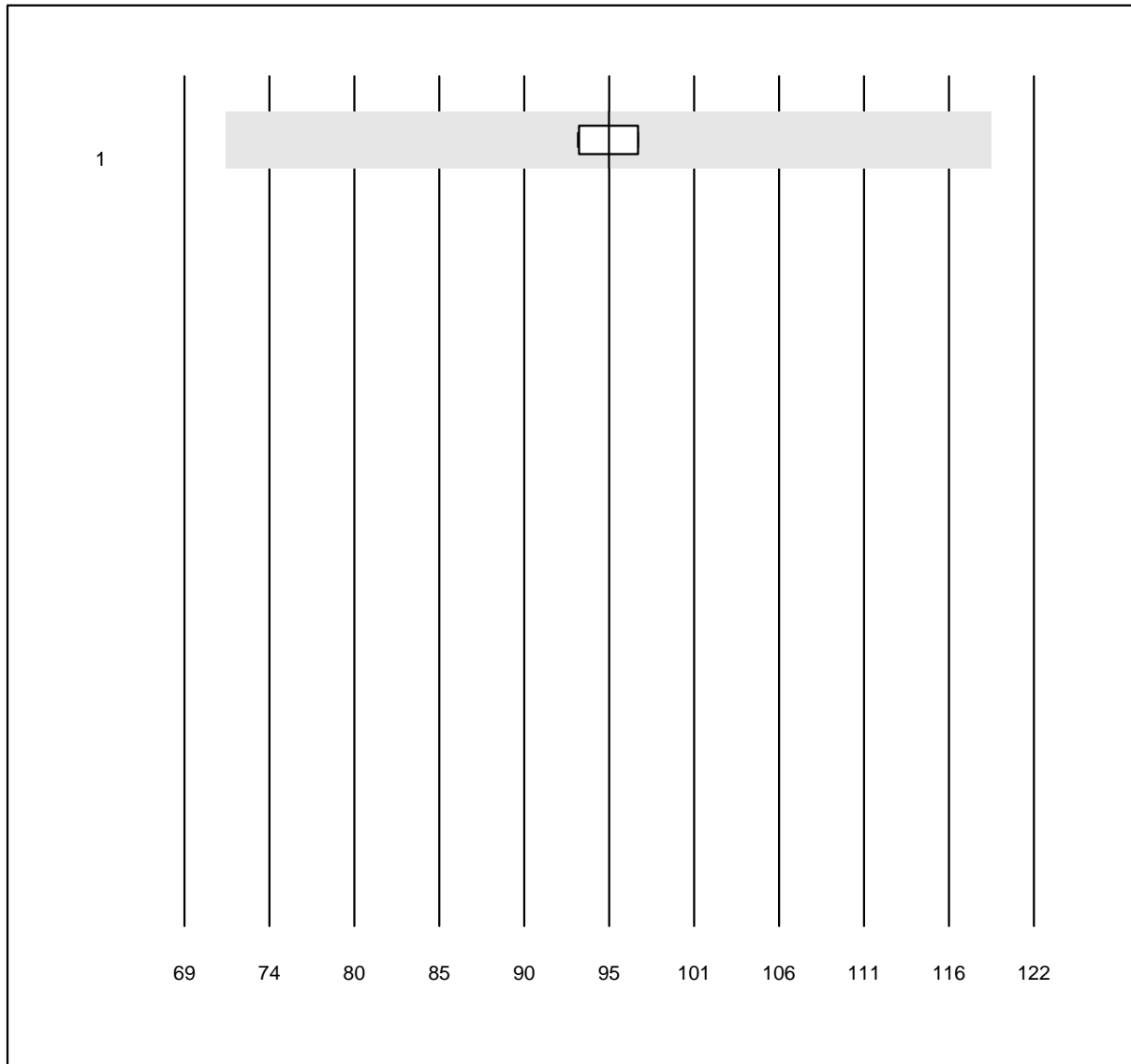
QUALAB Toleranz: 30%

Testosterone (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	18	100.0	0.0	0.0	28.6	4.0	e
2 Siemens	4	100.0	0.0	0.0	22.8	7.8	e*

3 additional results were submitted but not published because the method groups were too small. (< results per group)

free testosterone



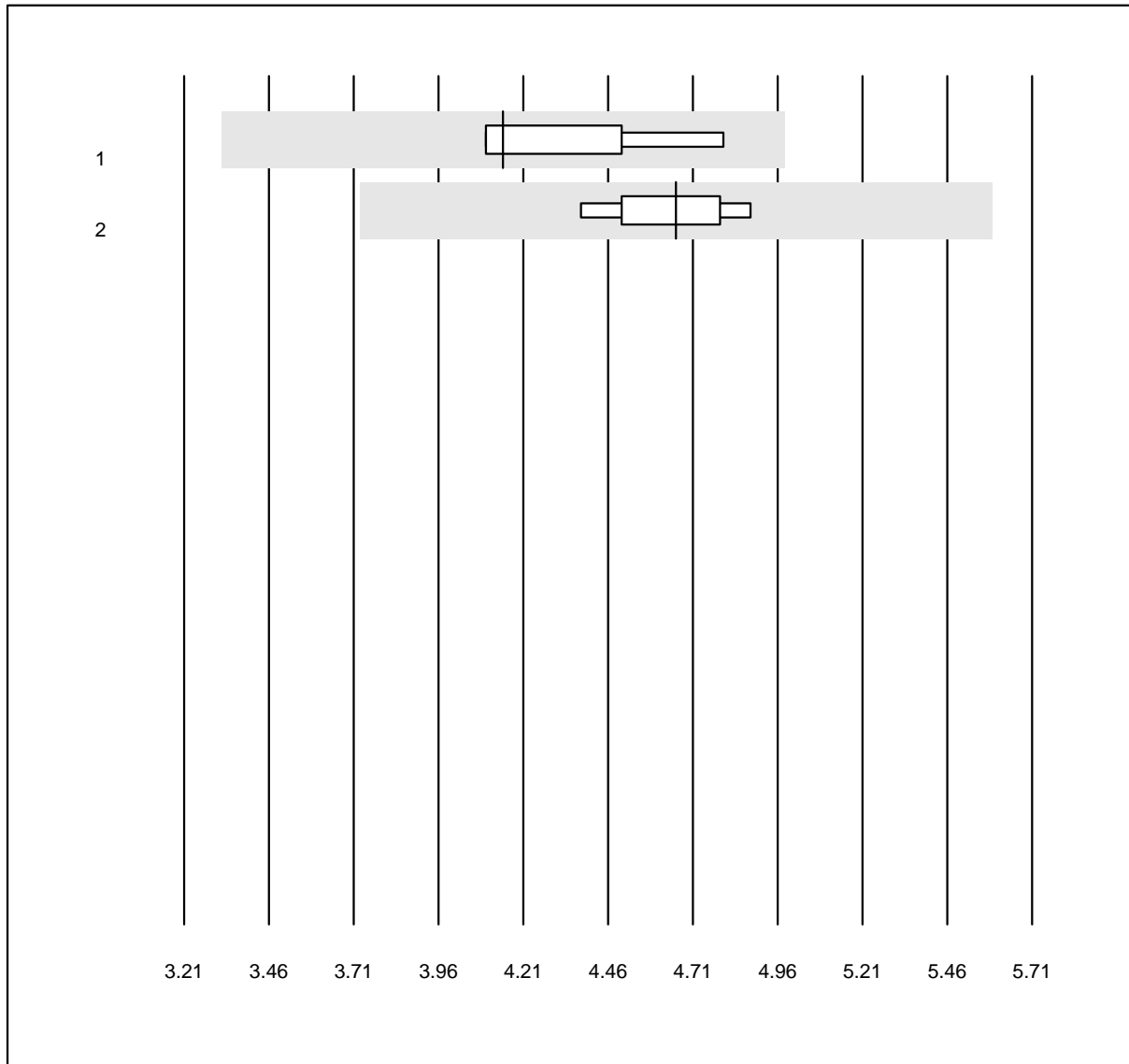
MQ Toleranz: 25%

free testosterone (pmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Other methods	4	100.0	0.0	0.0	95.5	2.2	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

T3

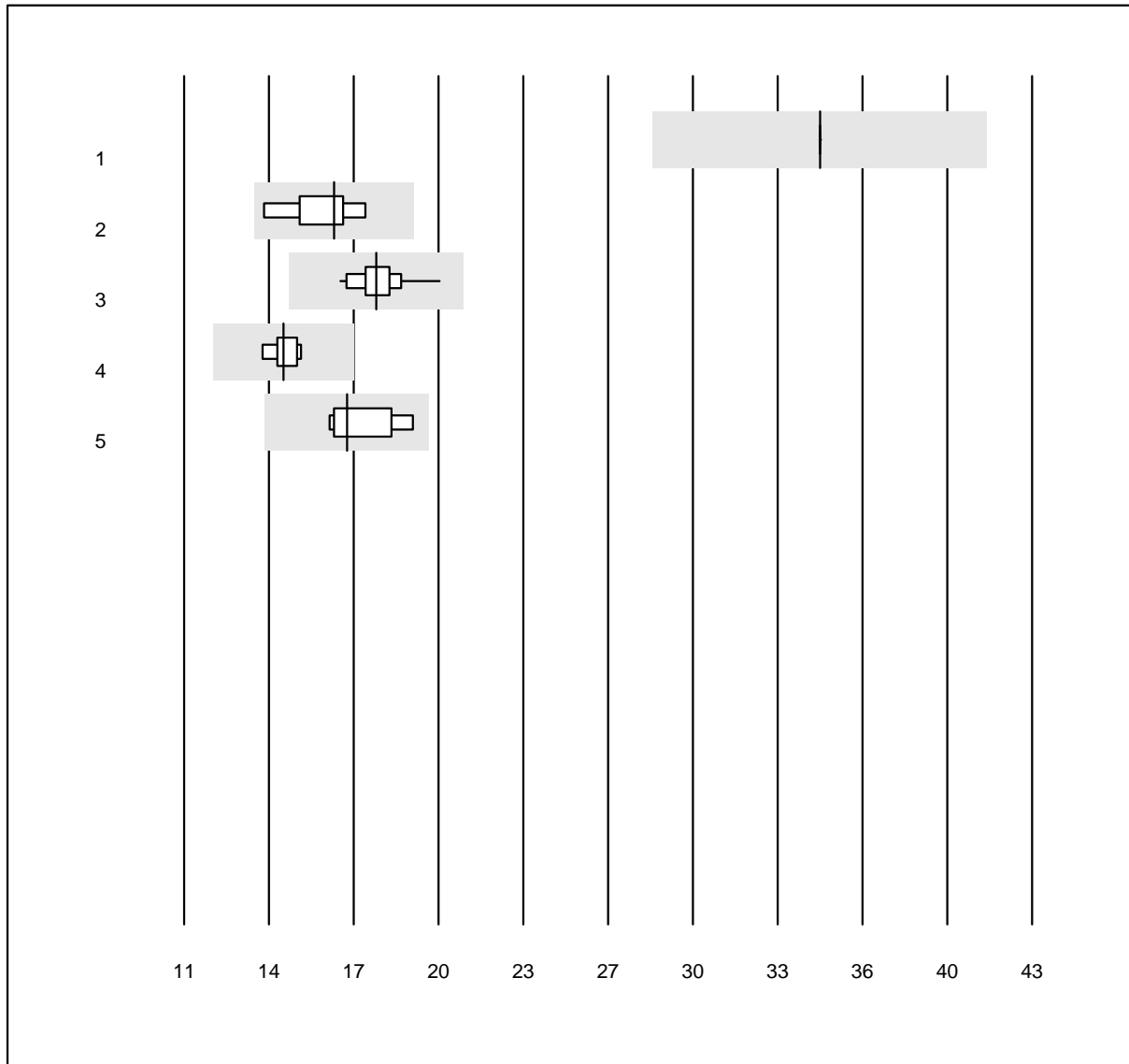


MQ Toleranz: 20%

T3 (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	4	100.0	0.0	0.0	4.2	5.6	e*
2 AFIAS	4	100.0	0.0	0.0	4.7	3.2	e

FT3



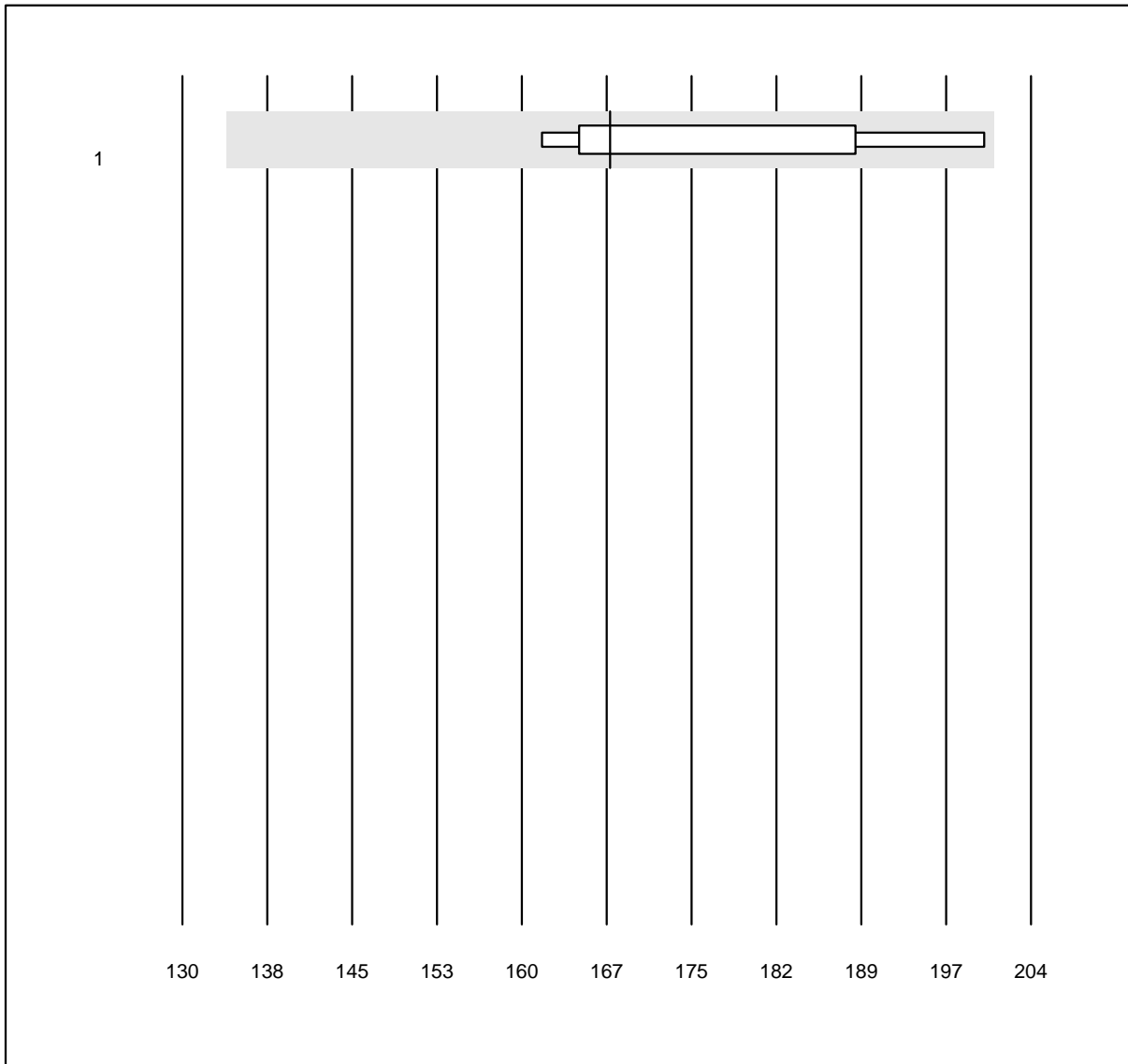
QUALAB Toleranz: 18%

FT3 (pmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Vitros	5	100.0	0.0	0.0	35.0	0.0	e
2 Abbott	6	100.0	0.0	0.0	16.7	6.8	e*
3 Roche	30	100.0	0.0	0.0	18.3	4.3	e
4 Siemens	8	100.0	0.0	0.0	14.8	3.1	e
5 VIDAS	8	100.0	0.0	0.0	17.1	6.8	e*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

T4



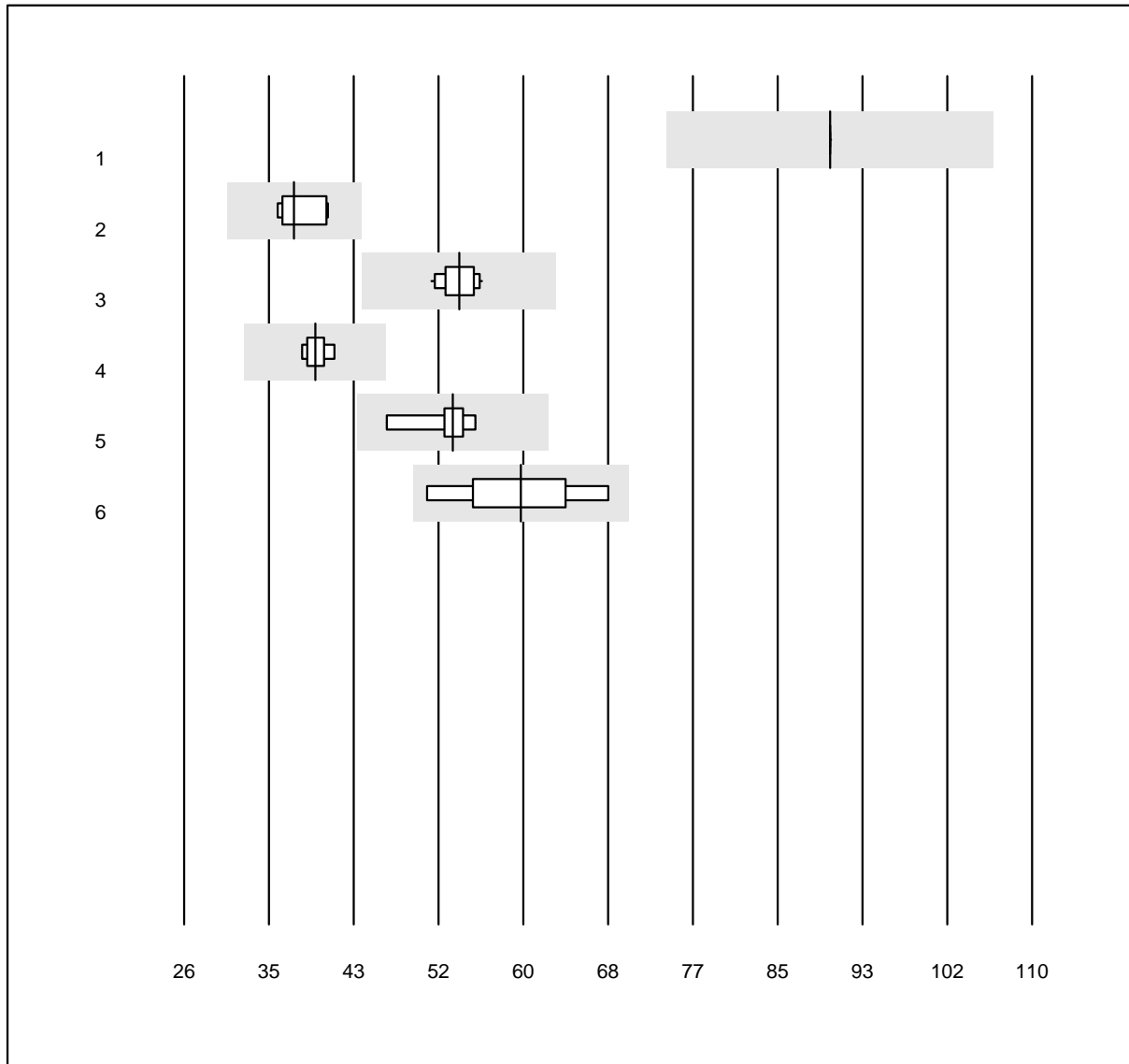
MQ Toleranz: 20%

T4 (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	4	75.0	0.0	25.0	167	7.3	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

FT4



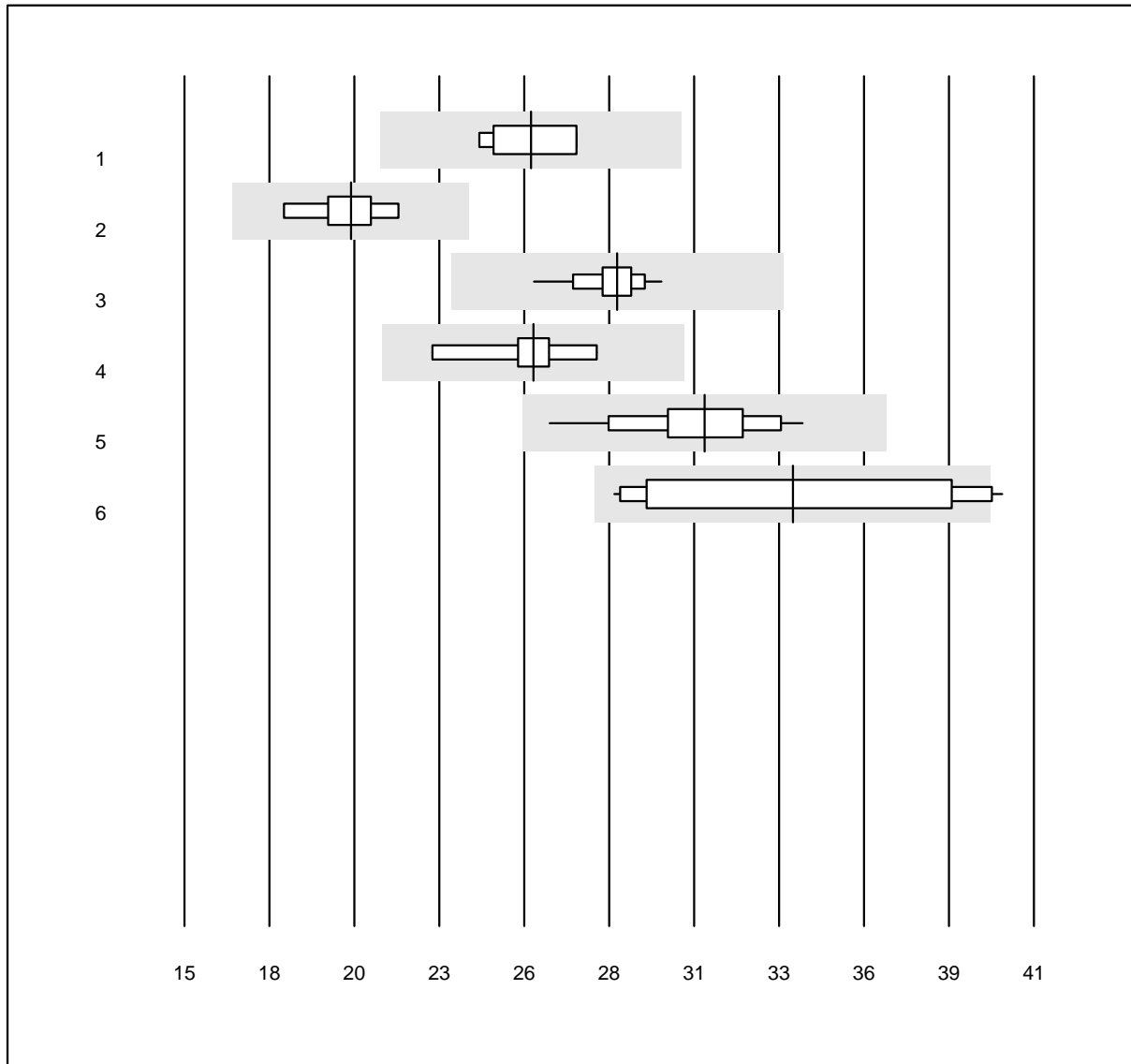
QUALAB Toleranz: 18%

FT4 (pmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Vitros	5	100.0	0.0	0.0	90.0	0.0	e
2 Abbott	7	100.0	0.0	0.0	36.9	5.3	e
3 Roche	31	100.0	0.0	0.0	53.3	2.9	e
4 Siemens	8	100.0	0.0	0.0	39.0	2.6	e
5 VIDAS	9	100.0	0.0	0.0	52.6	4.8	e
6 Other methods	4	100.0	0.0	0.0	59.4	8.3	e*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

TSH



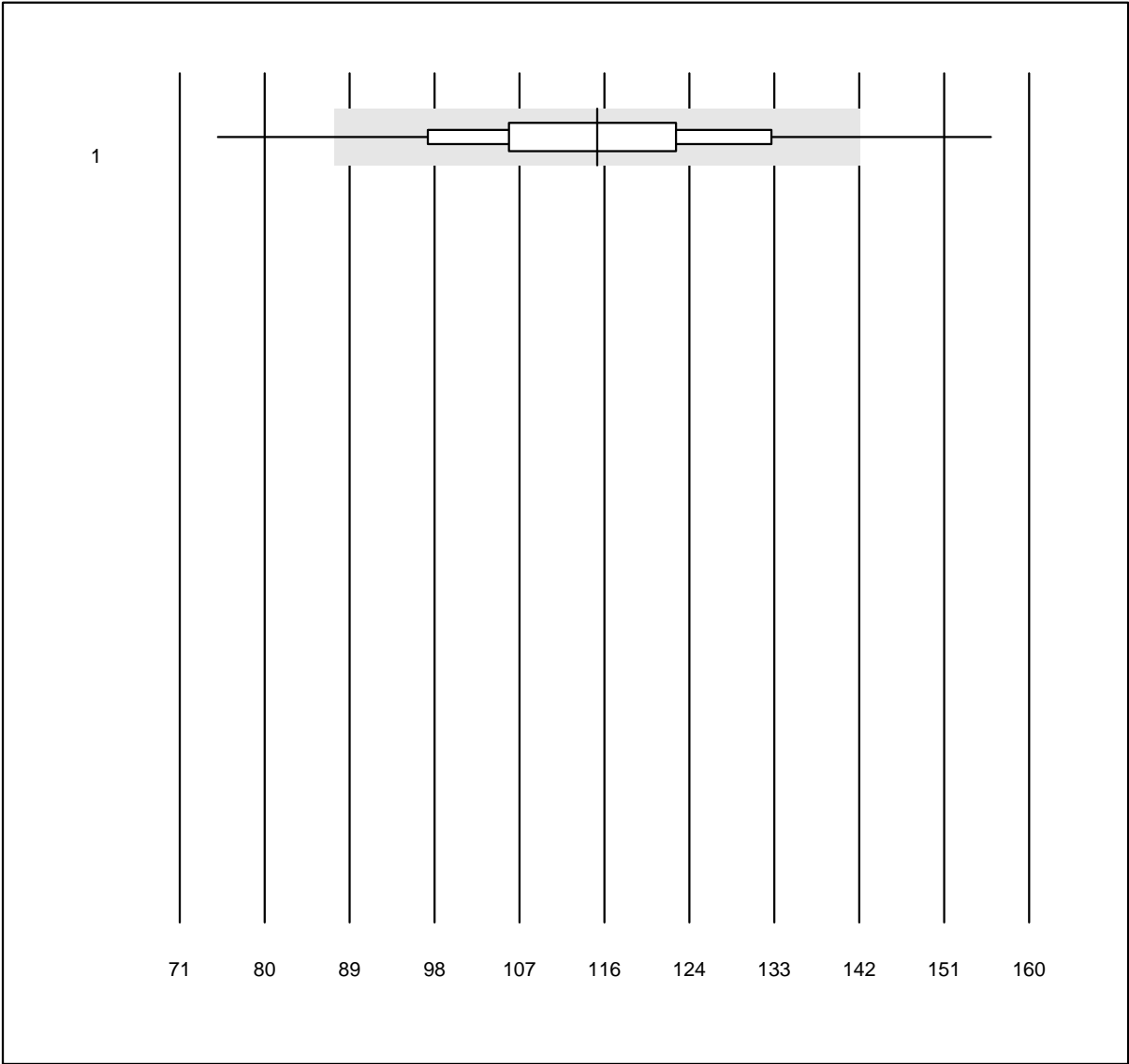
QUALAB Toleranz: 18%

TSH (mU/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Vitros	5	100.0	0.0	0.0	25.61	5.1	e*
2 Abbott	7	100.0	0.0	0.0	20.10	5.1	e
3 Roche	36	100.0	0.0	0.0	28.24	2.9	e
4 Siemens	9	100.0	0.0	0.0	25.68	5.2	e
5 VIDAS	15	100.0	0.0	0.0	30.92	5.9	e
6 AFIAS	12	91.7	8.3	0.0	33.63	13.2	e*

5 additional results were submitted but not published because the method groups were too small. (< results per group)

Troponin T CR

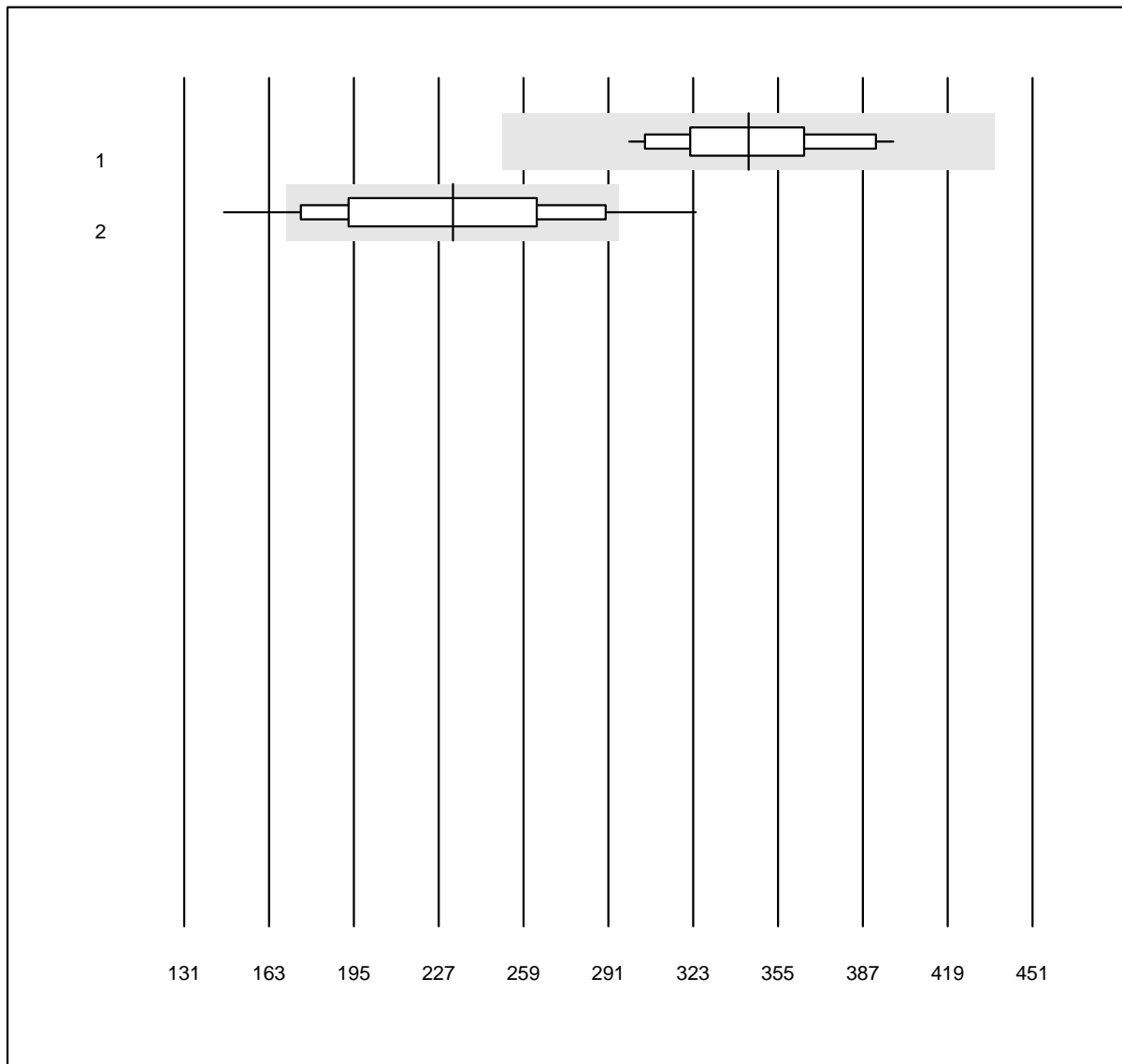


MQ Toleranz: 24%

Troponin T CR (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cobas h 232	256	92.2	5.1	2.7	114.75	12.2	e

NT-proBNP CR

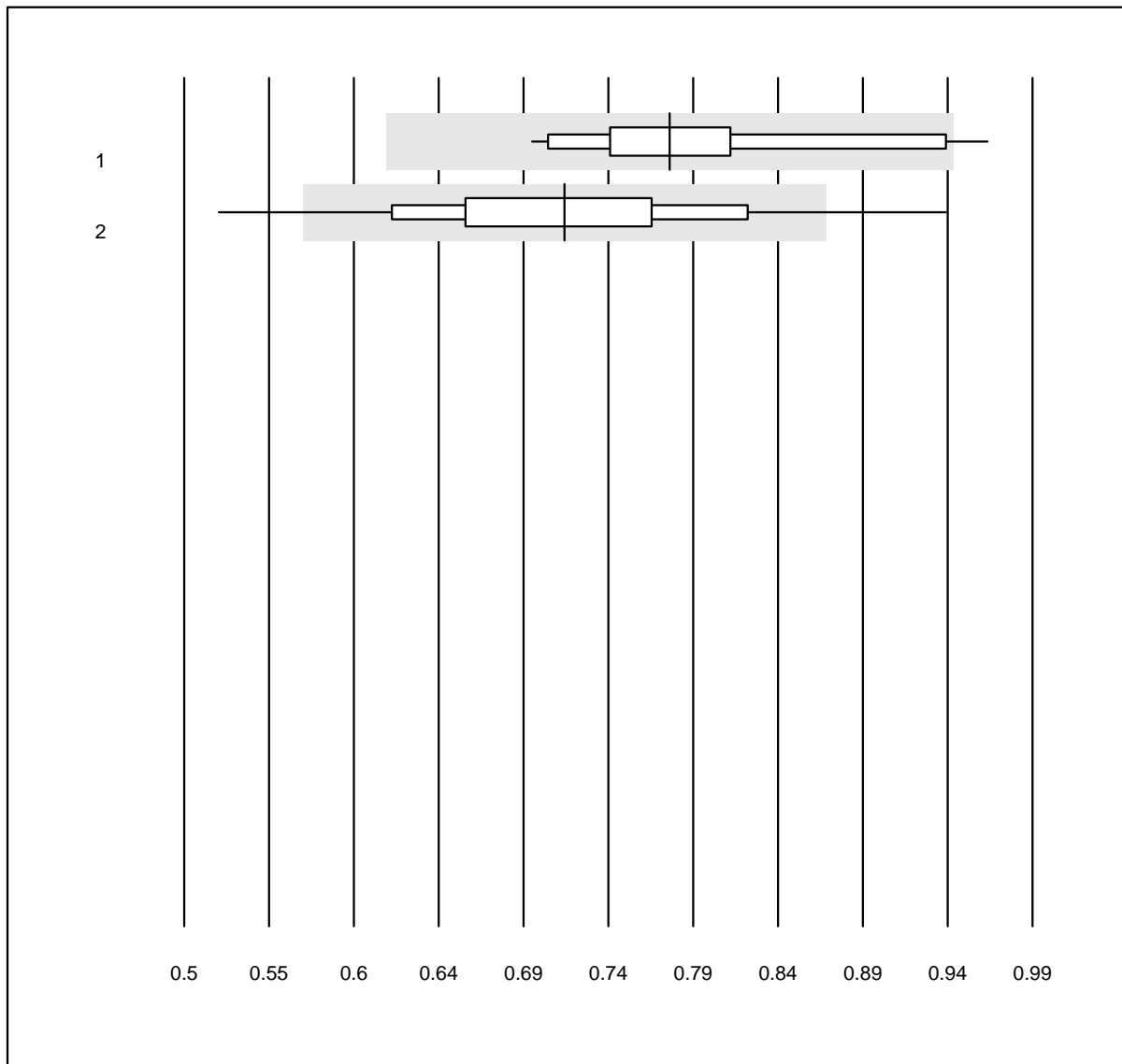


QUALAB Toleranz: 27%

NT-proBNP CR (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Lumira Dx	13	100.0	0.0	0.0	344	8.1	e
2 Cobas h 232	321	81.6	15.0	3.4	232	19.1	e

D-dimer CR

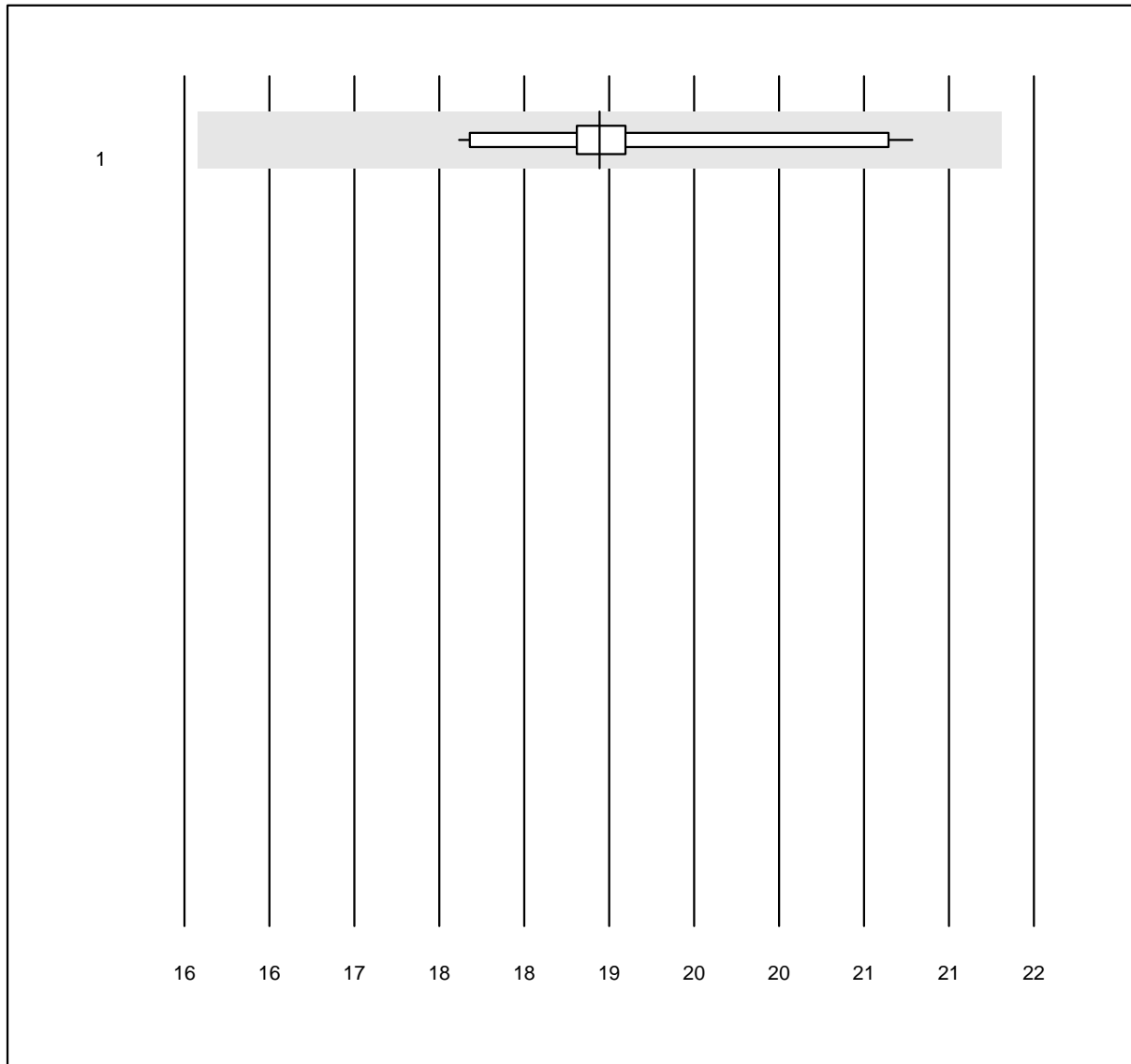


QUALAB Toleranz: 21%

D-dimer CR (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Lumira Dx	13	92.3	7.7	0.0	0.78	9.3	e*
2 Cobas h 232	546	90.1	6.6	3.3	0.72	11.2	e

PO2 CCA

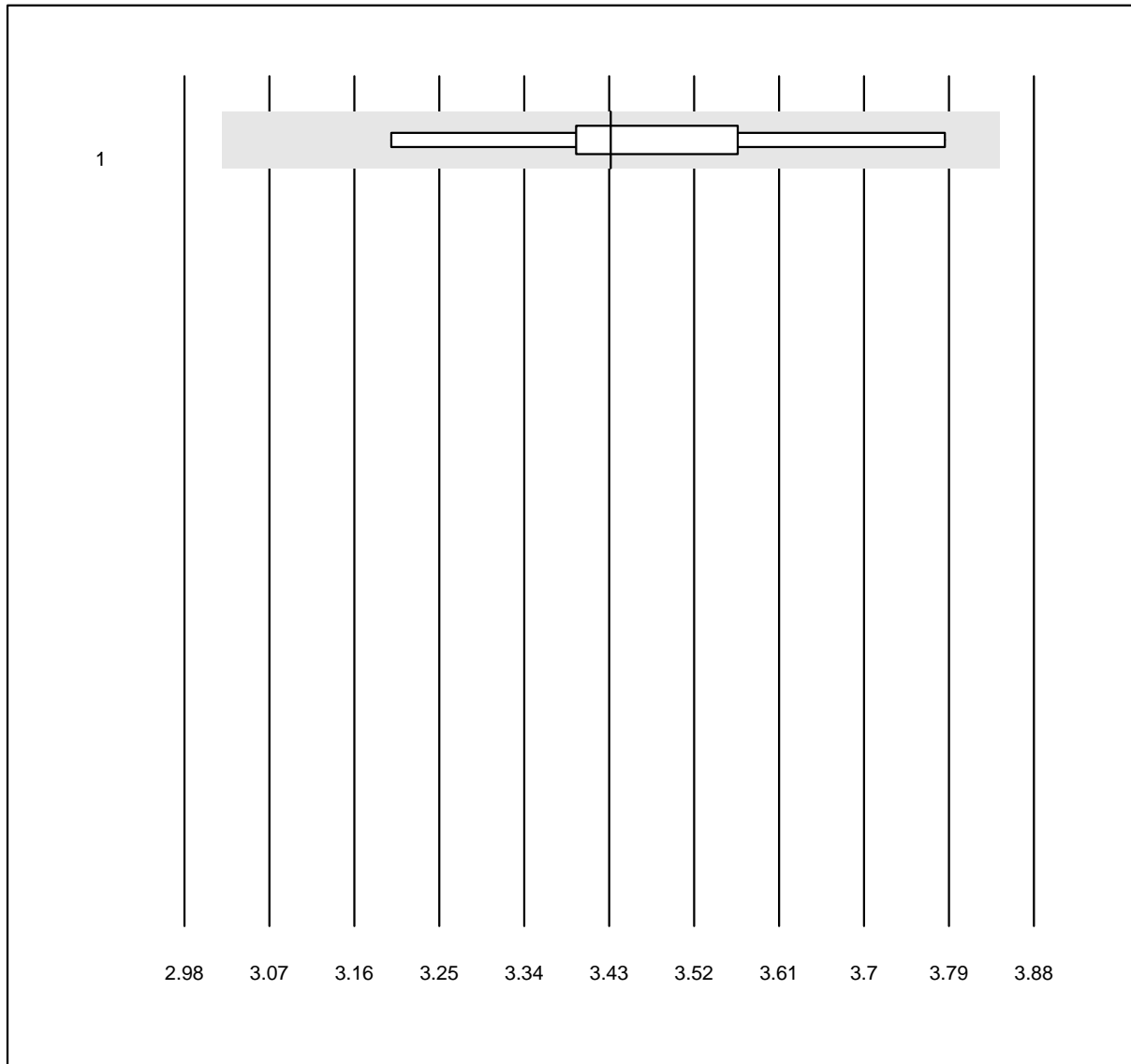


QUALAB Toleranz: 15%

PO2 CCA (kPa)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 OPTI CCA	10	100.0	0.0	0.0	18.93	4.3	e

PCO2 CCA

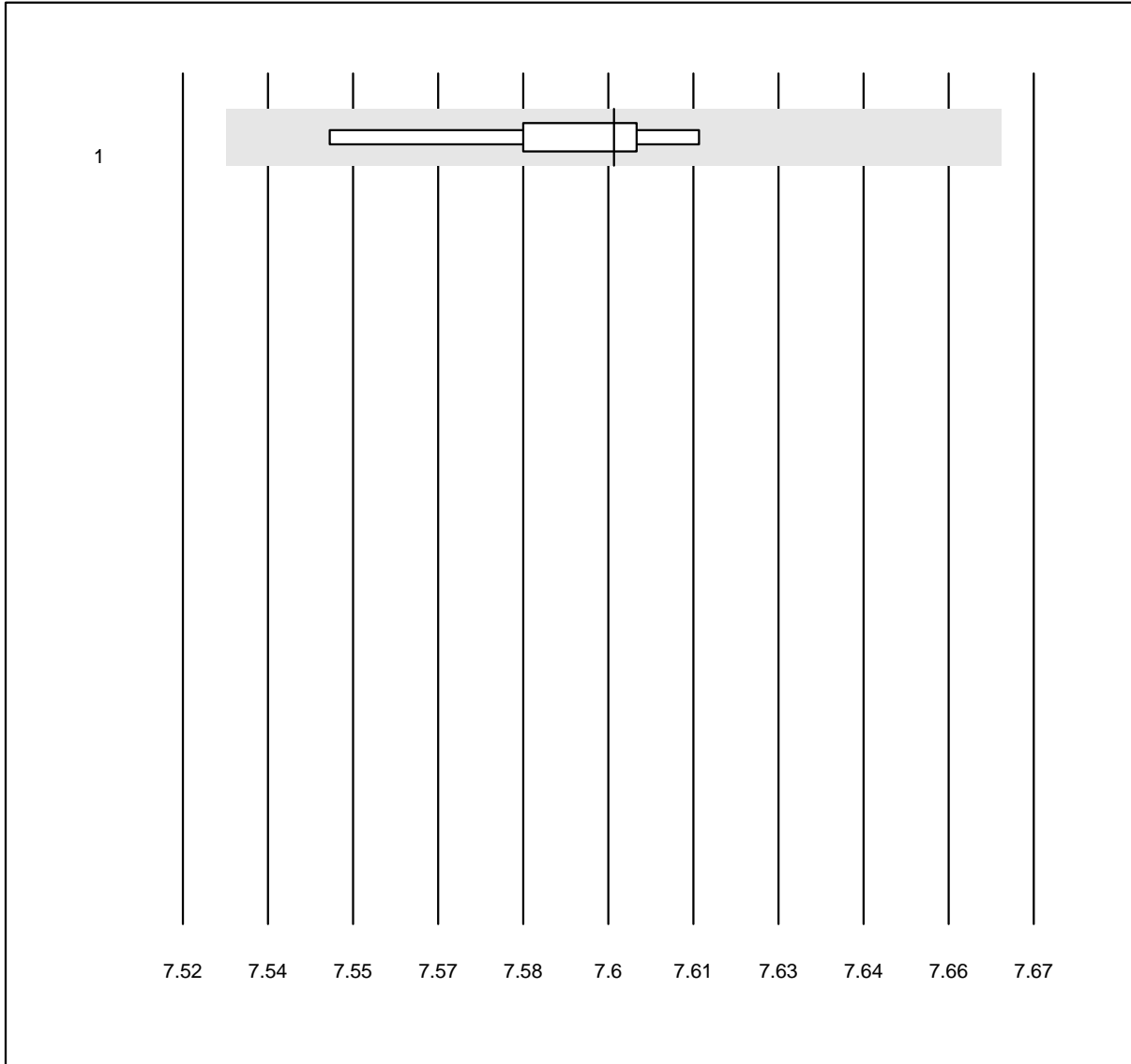


QUALAB Toleranz: 12%

PCO2 CCA (kPa)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 OPTI CCA	10	90.0	0.0	10.0	3.43	4.7	e*

pH CCA



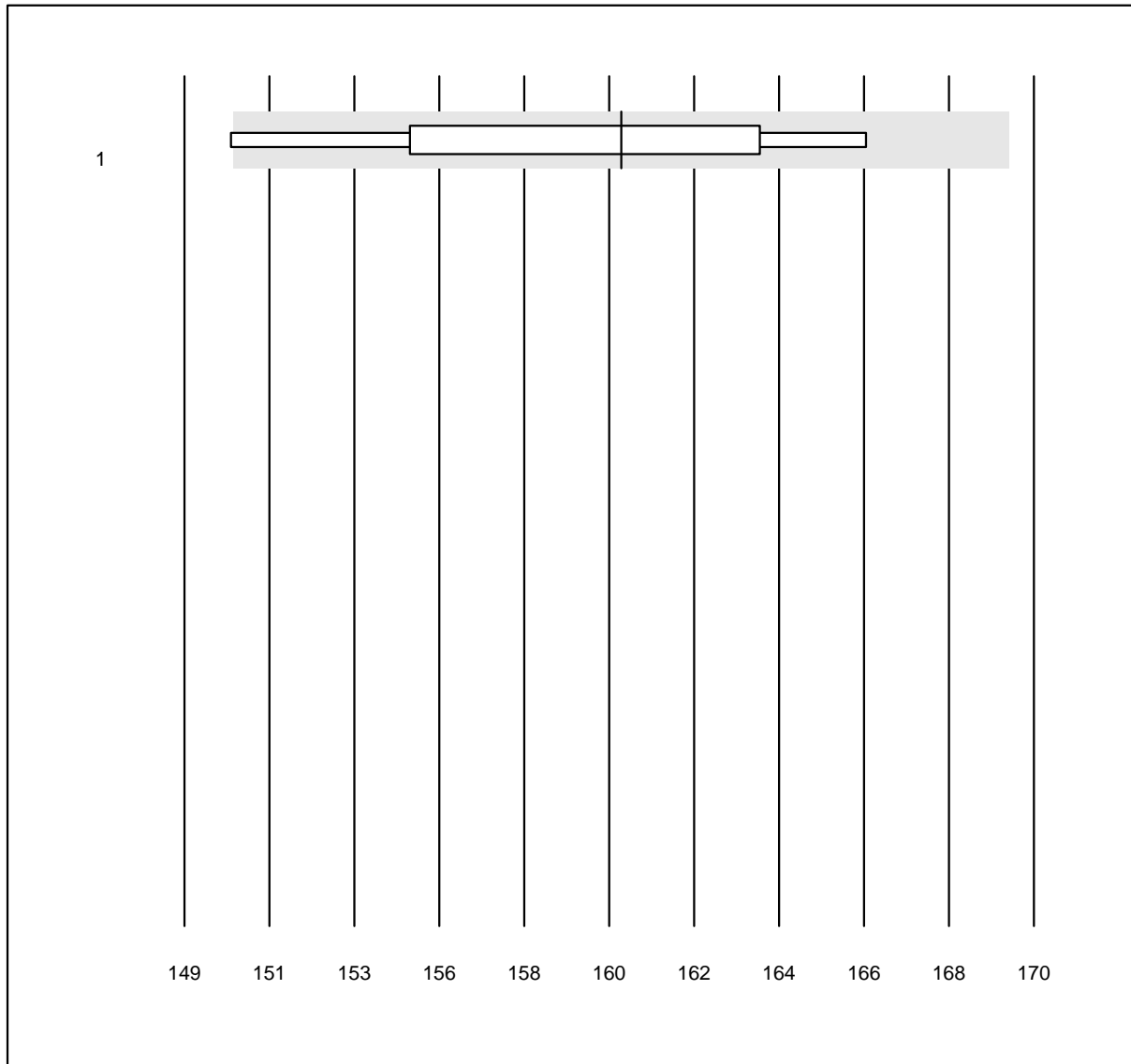
QUALAB Toleranz: 0%

pH CCA ()

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	OPTI CCA	9	88.9	0.0	11.1	7.60	0.3	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Sodium CCA

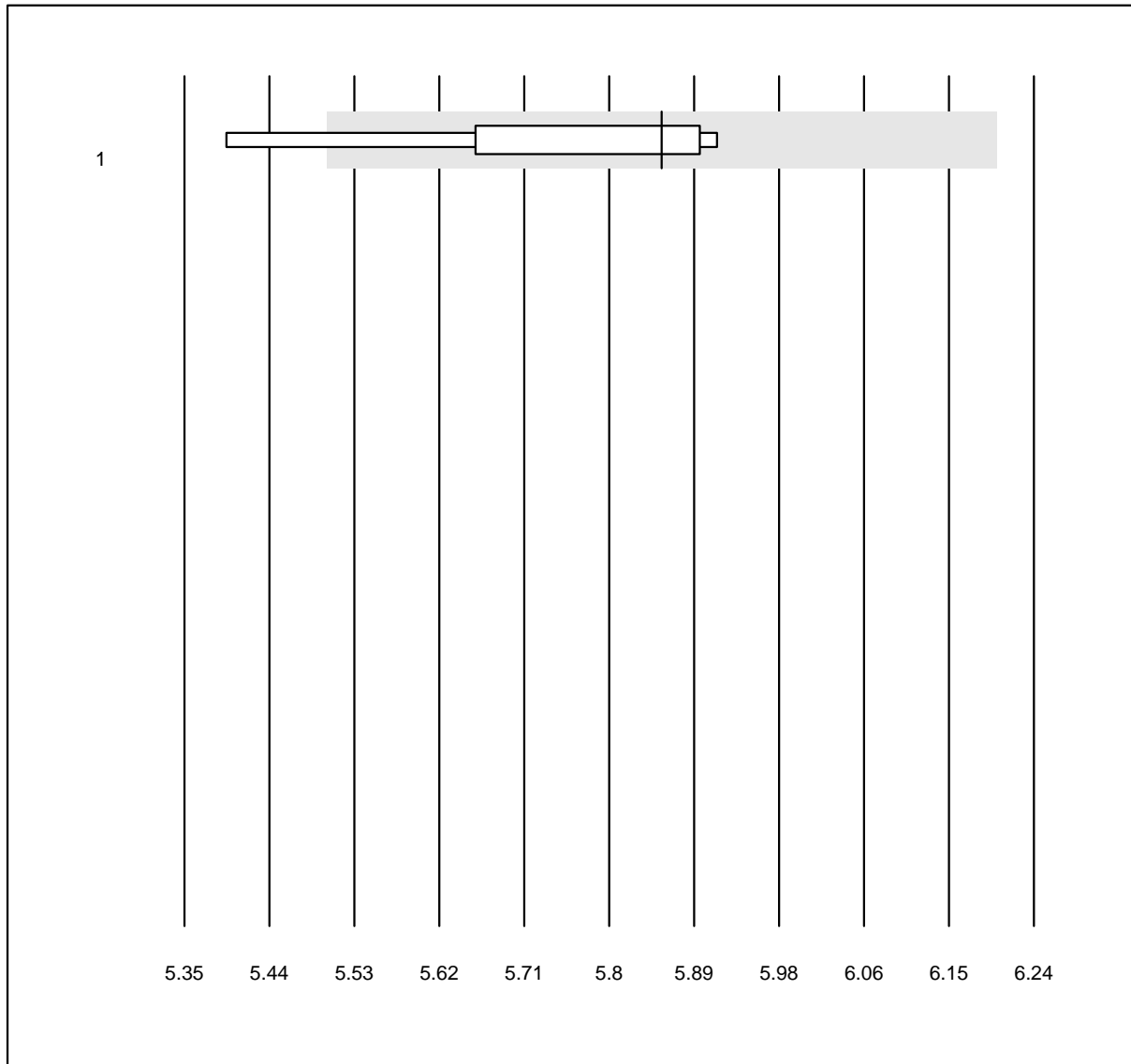


QUALAB Toleranz: 6%

Sodium CCA (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 OPTI CCA	4	100.0	0.0	0.0	159.8	2.9	e*

Potassium CCA

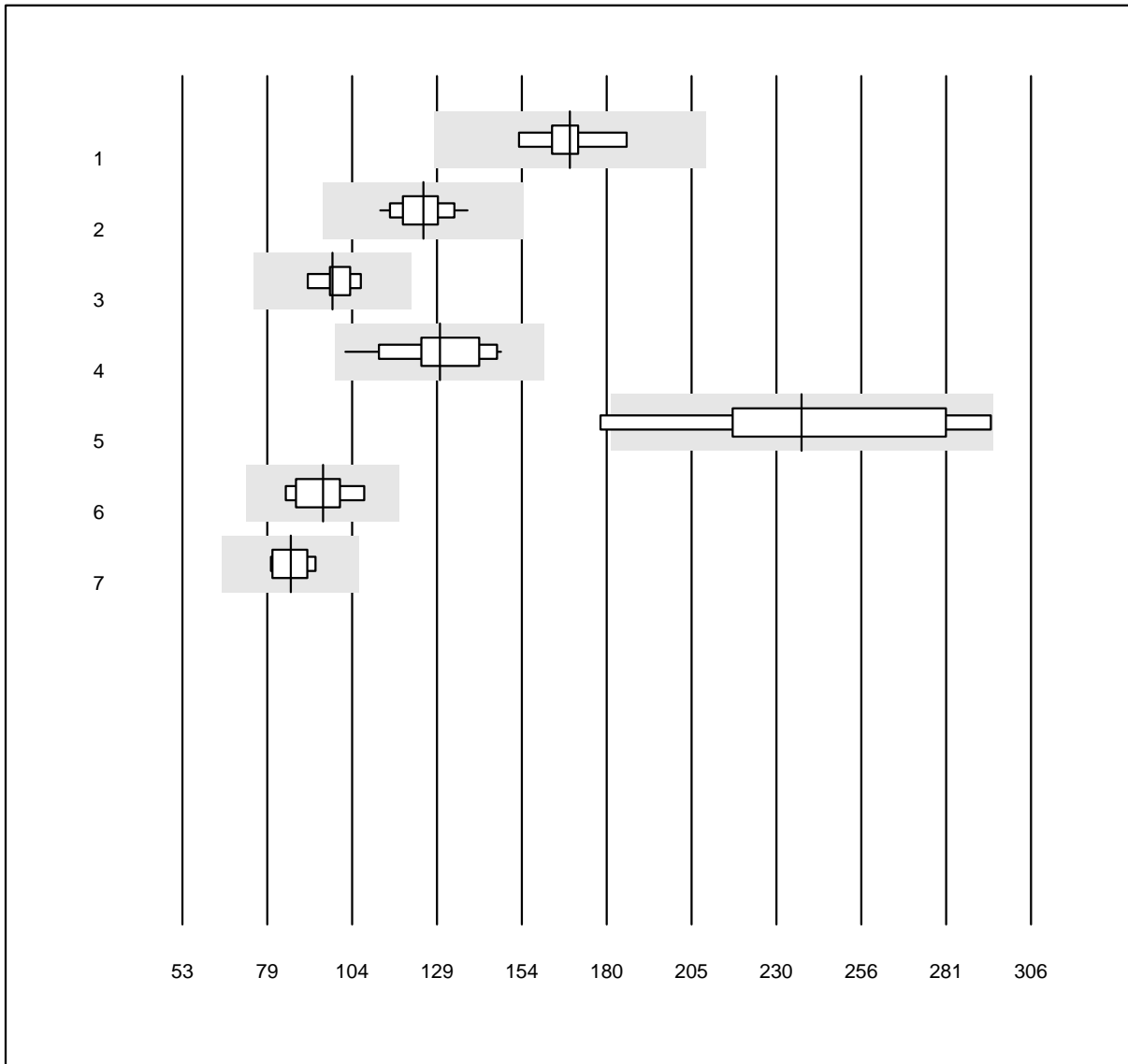


QUALAB Toleranz: 6%

Potassium CCA (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 OPTI CCA	5	100.0	0.0	0.0	5.8	2.8	e*

Ferritin



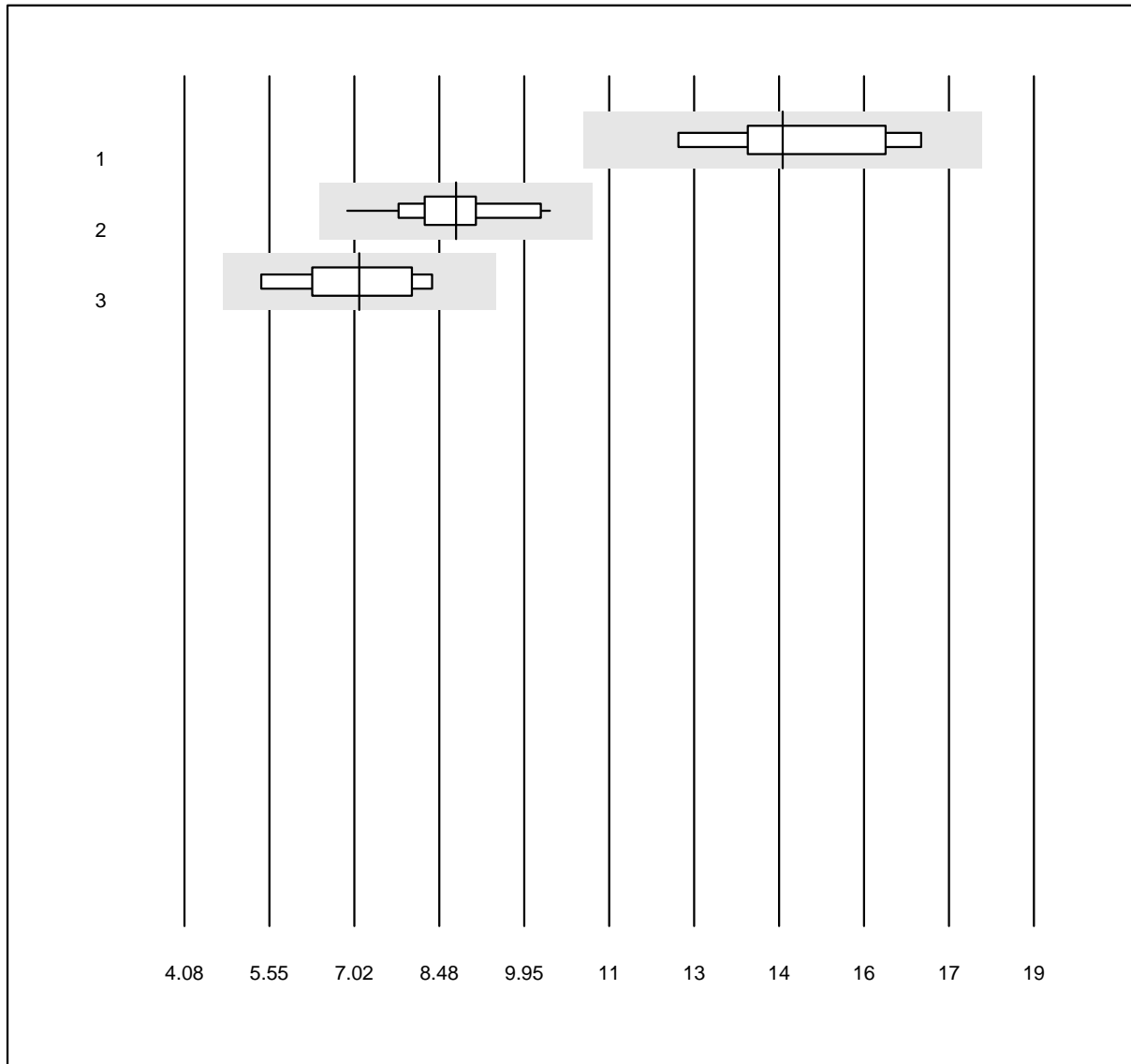
QUALAB Toleranz: 24%

Ferritin (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	7	100.0	0.0	0.0	168.53	5.1	e
2 Roche	38	100.0	0.0	0.0	124.87	5.5	e
3 Siemens	8	100.0	0.0	0.0	97.75	4.7	e
4 AFIAS	20	100.0	0.0	0.0	129.80	9.4	e
5 RapidReader Cube Reader	9	88.9	0.0	11.1	237.60	15.8	e*
6 Mini Vidas	8	100.0	0.0	0.0	94.94	8.3	e*
7 Other methods	5	100.0	0.0	0.0	85.33	6.3	e

3 additional results were submitted but not published because the method groups were too small. (< results per group)

Folate



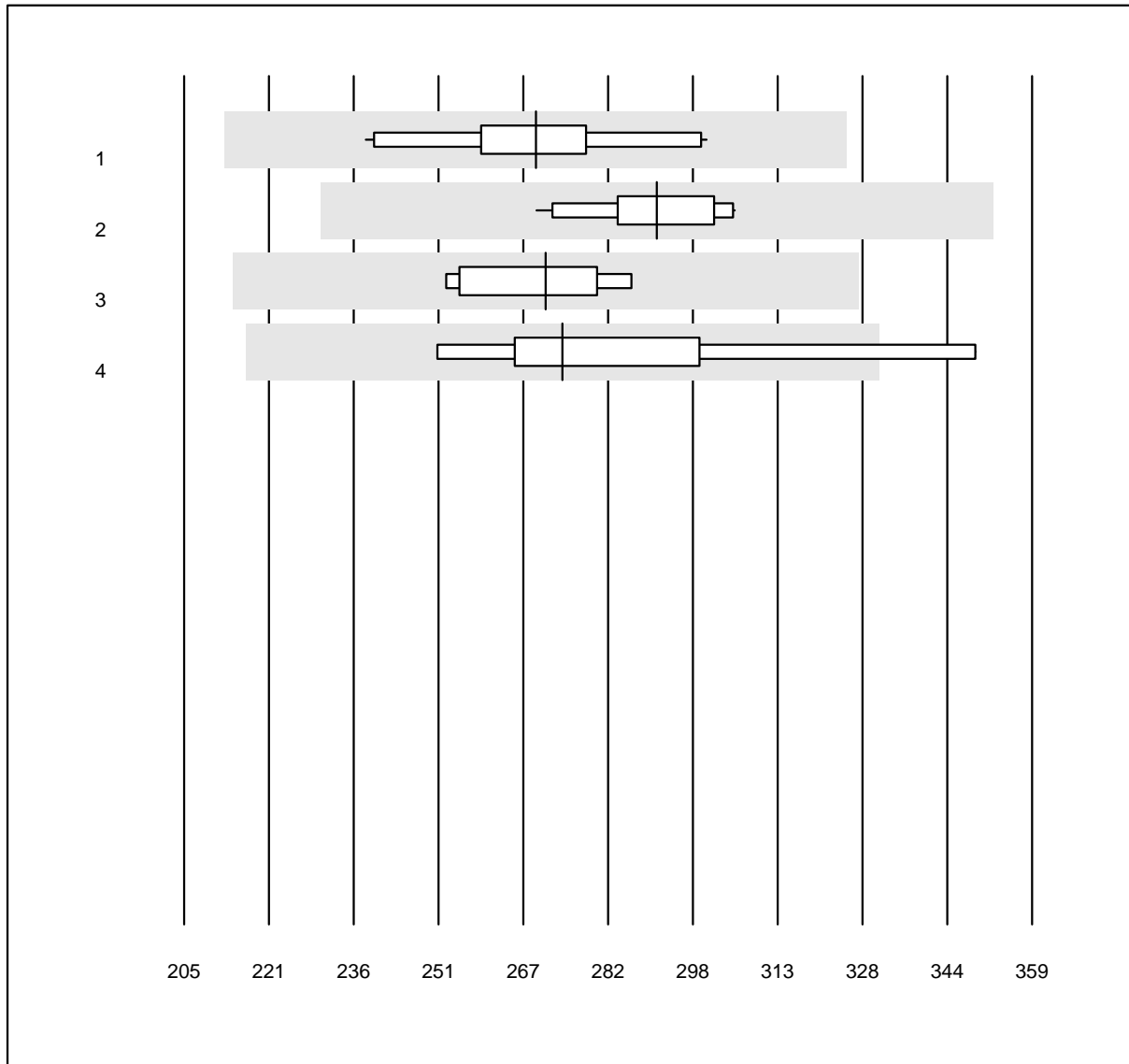
QUALAB Toleranz: 24%

Folate (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	14.59	9.5	e*
2 Roche	23	100.0	0.0	0.0	8.85	9.4	e
3 Siemens	8	100.0	0.0	0.0	7.15	14.0	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Vitamin B12



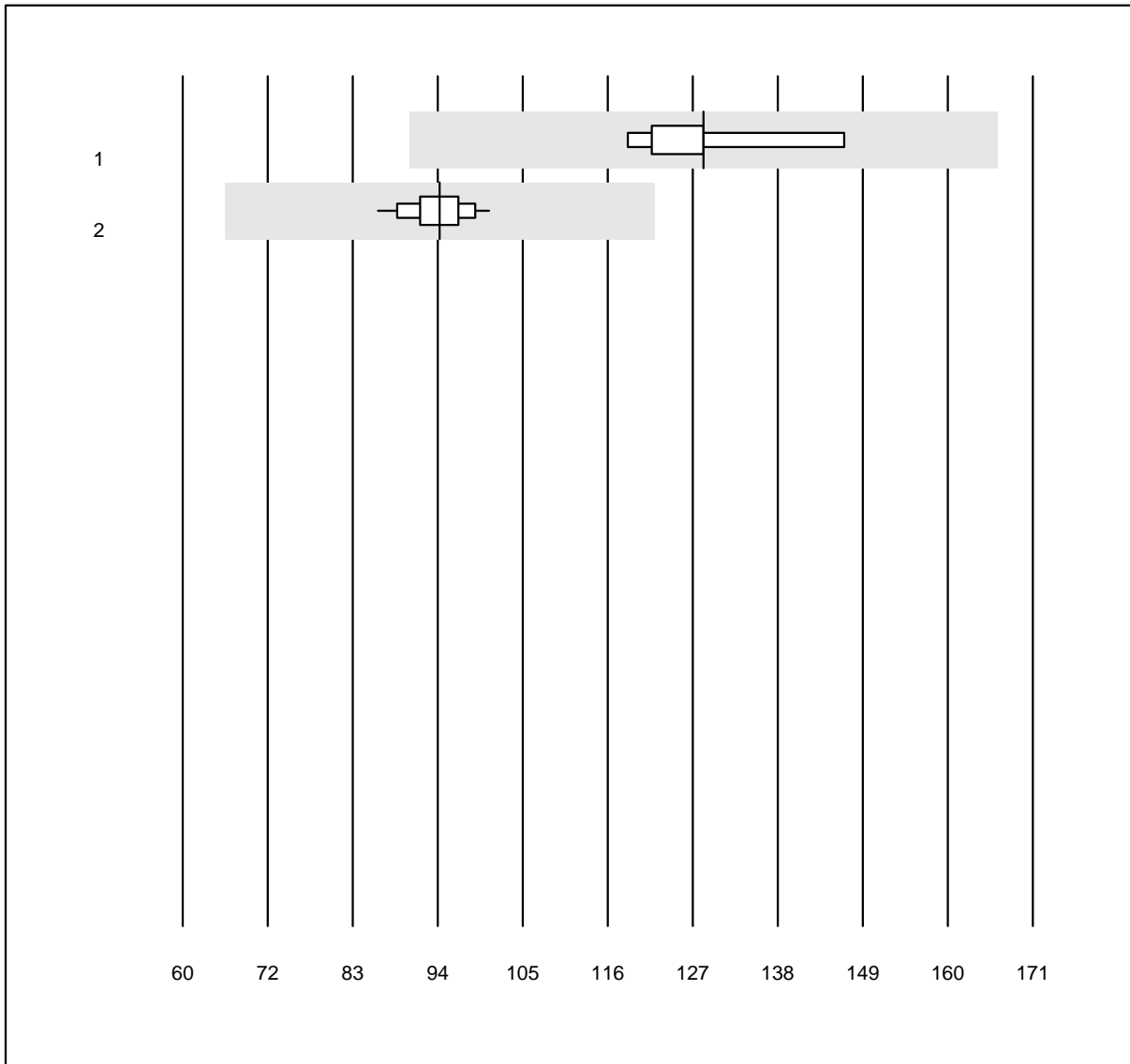
QUALAB Toleranz: 21%

Vitamin B12 (pmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	10	100.0	0.0	0.0	268.90	6.5	e
2 Roche	22	100.0	0.0	0.0	290.85	3.7	e
3 Siemens	7	100.0	0.0	0.0	270.67	4.9	e
4 all Participants	9	88.9	11.1	0.0	273.70	10.6	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Holotranscobalamine



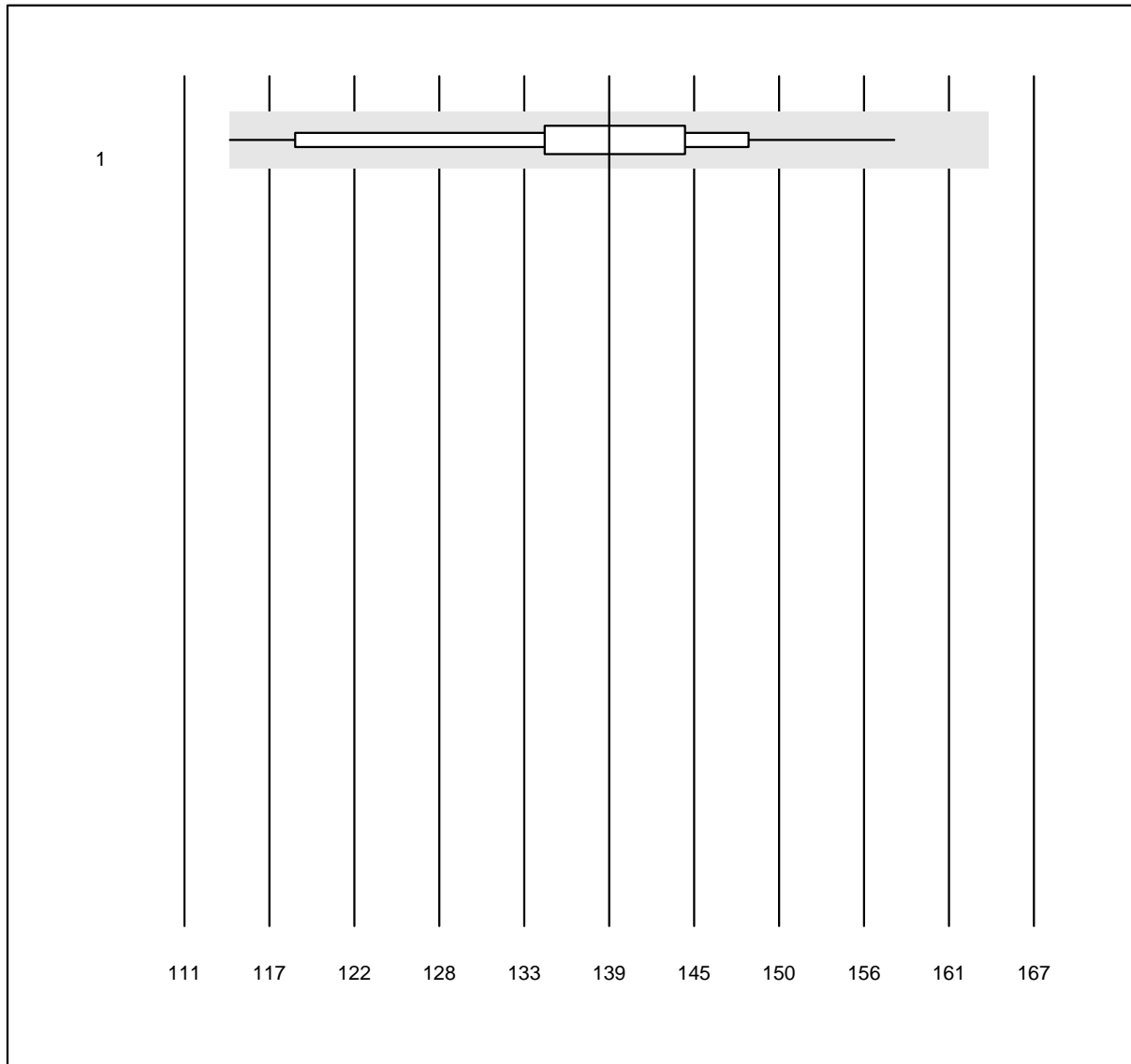
QUALAB Toleranz: 30%

Holotranscobalamine (pmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	128.0	6.3	e
2 Cobas	44	100.0	0.0	0.0	93.5	3.9	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Bilirubin direct



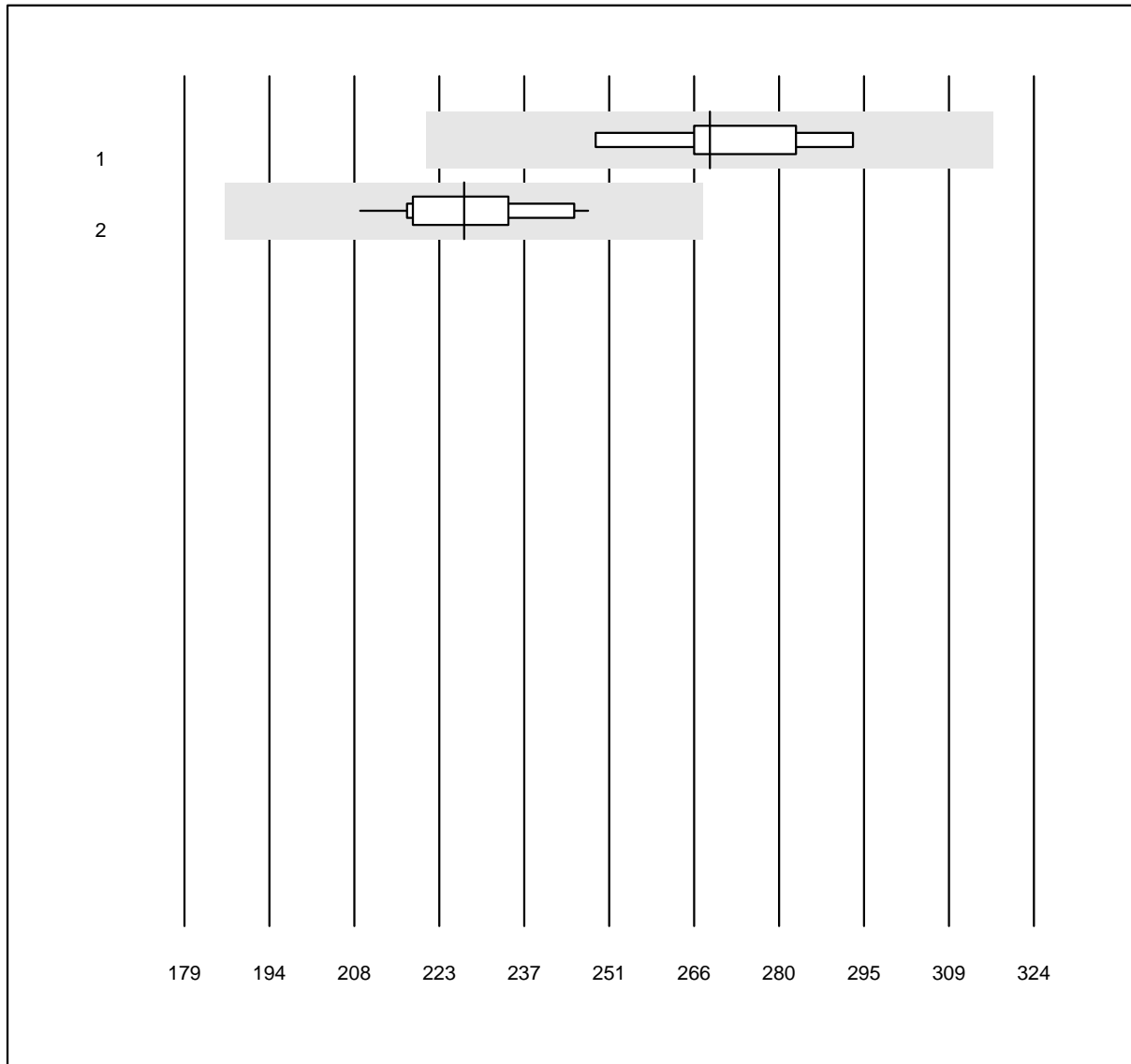
QUALAB Toleranz: 18%

Bilirubin direct (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	22	100.0	0.0	0.0	139	7.3	a

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Bilirubin total Neo

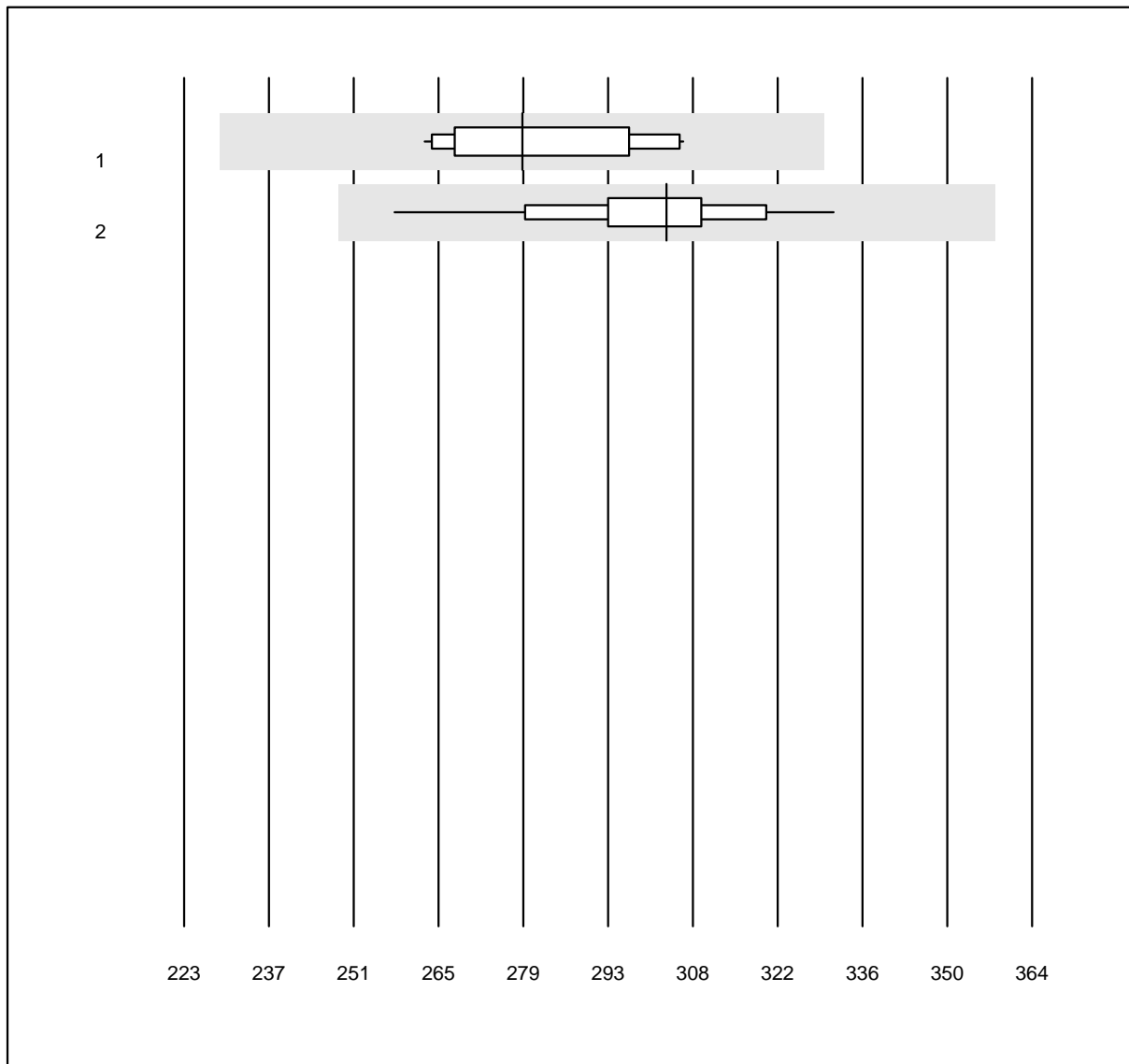


QUALAB Toleranz: 18%

Bilirubin total Neo (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Dimension	7	100.0	0.0	0.0	269	4.8	e
2 all Participants	21	95.2	0.0	4.8	227	4.9	e

Bilirubin neonatal



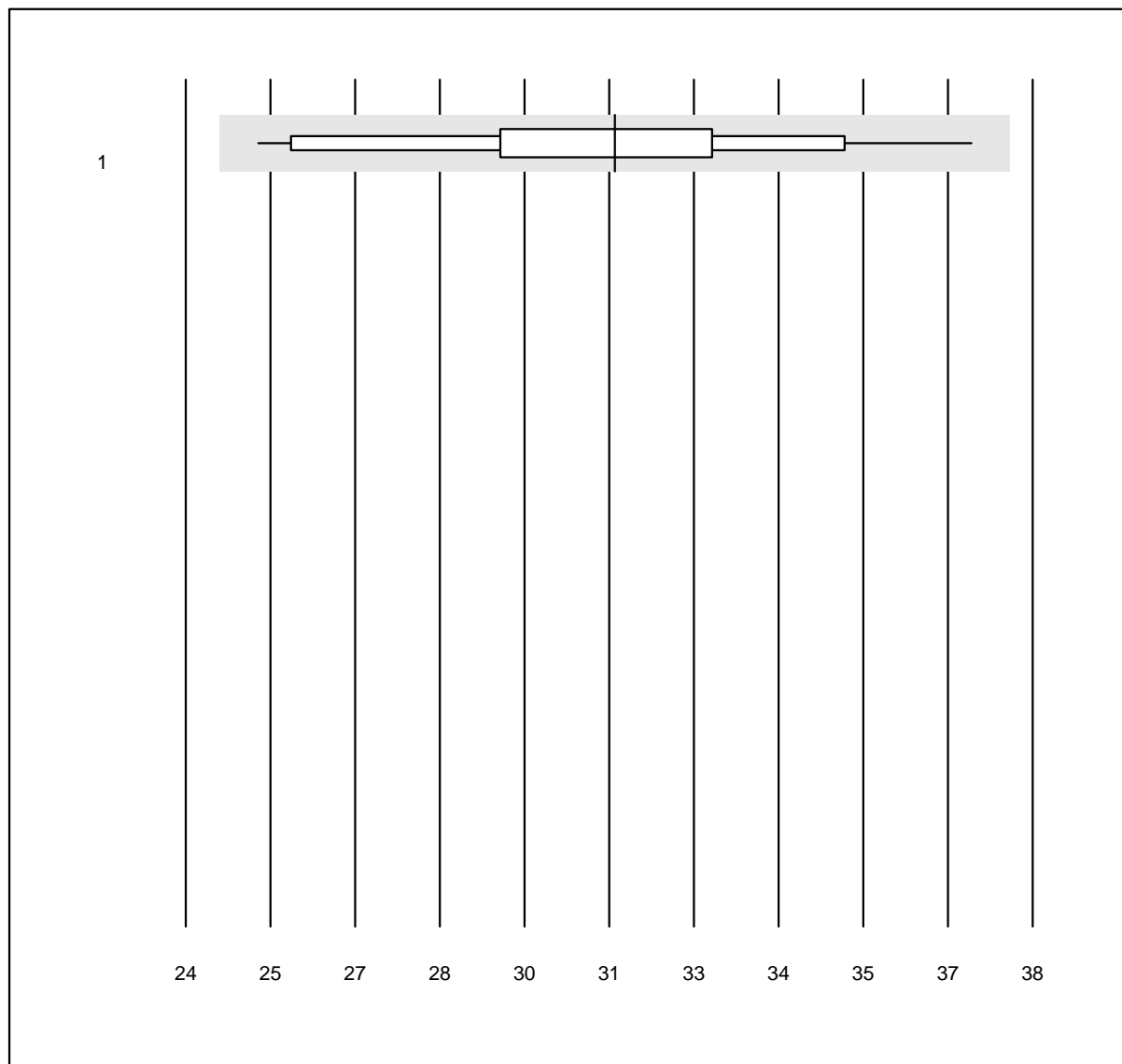
QUALAB Toleranz: 18%

Bilirubin neonatal (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ABL700/800	12	100.0	0.0	0.0	279	5.7	e
2 Other methods	16	100.0	0.0	0.0	303	5.2	e

K14 Tumor Markers

AFP



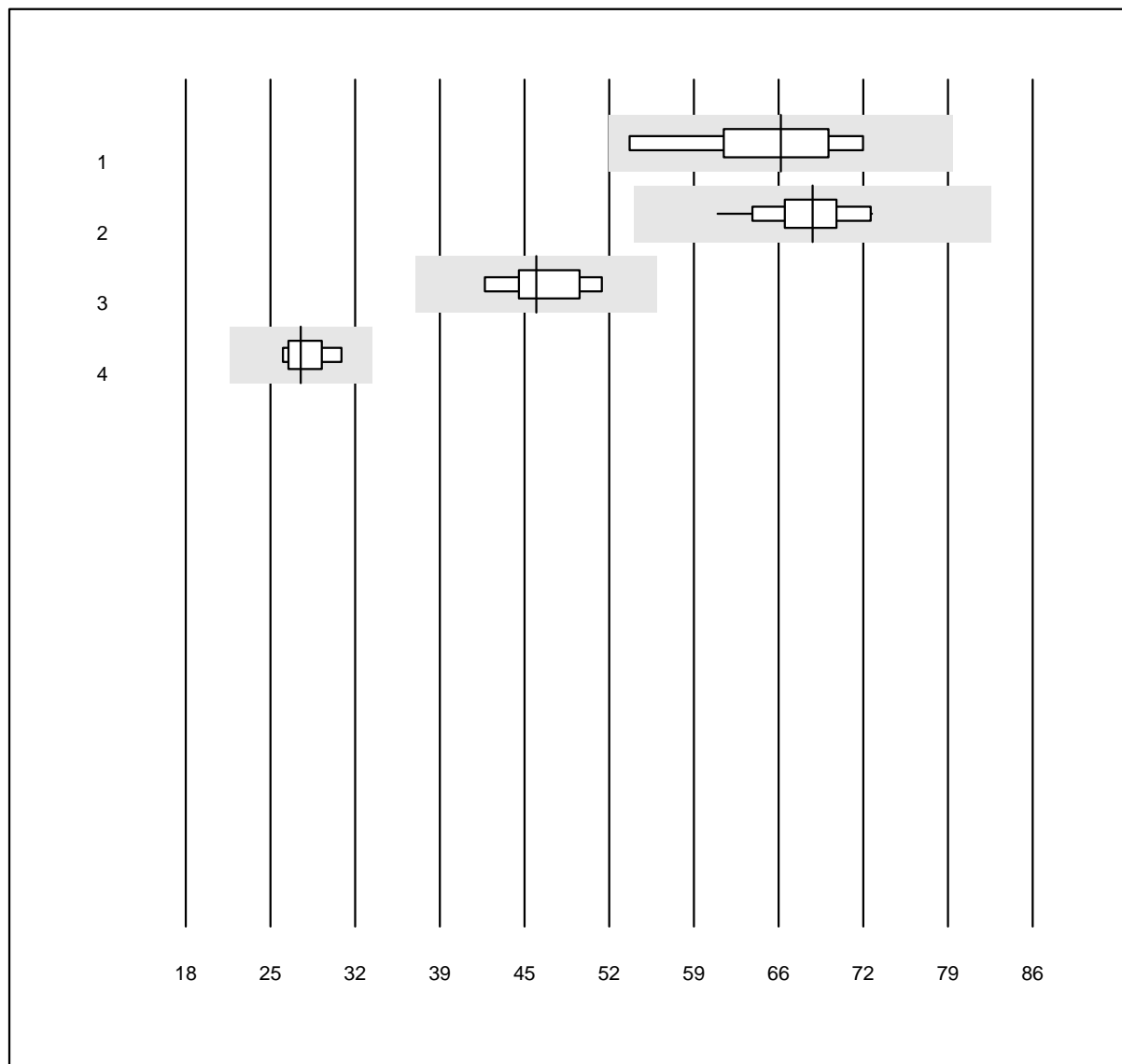
QUALAB Toleranz: 21%

AFP (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	15	100.0	0.0	0.0	31.1	10.2	d*

4 additional results were submitted but not published because the method groups were too small. (< results per group)

HCG qn



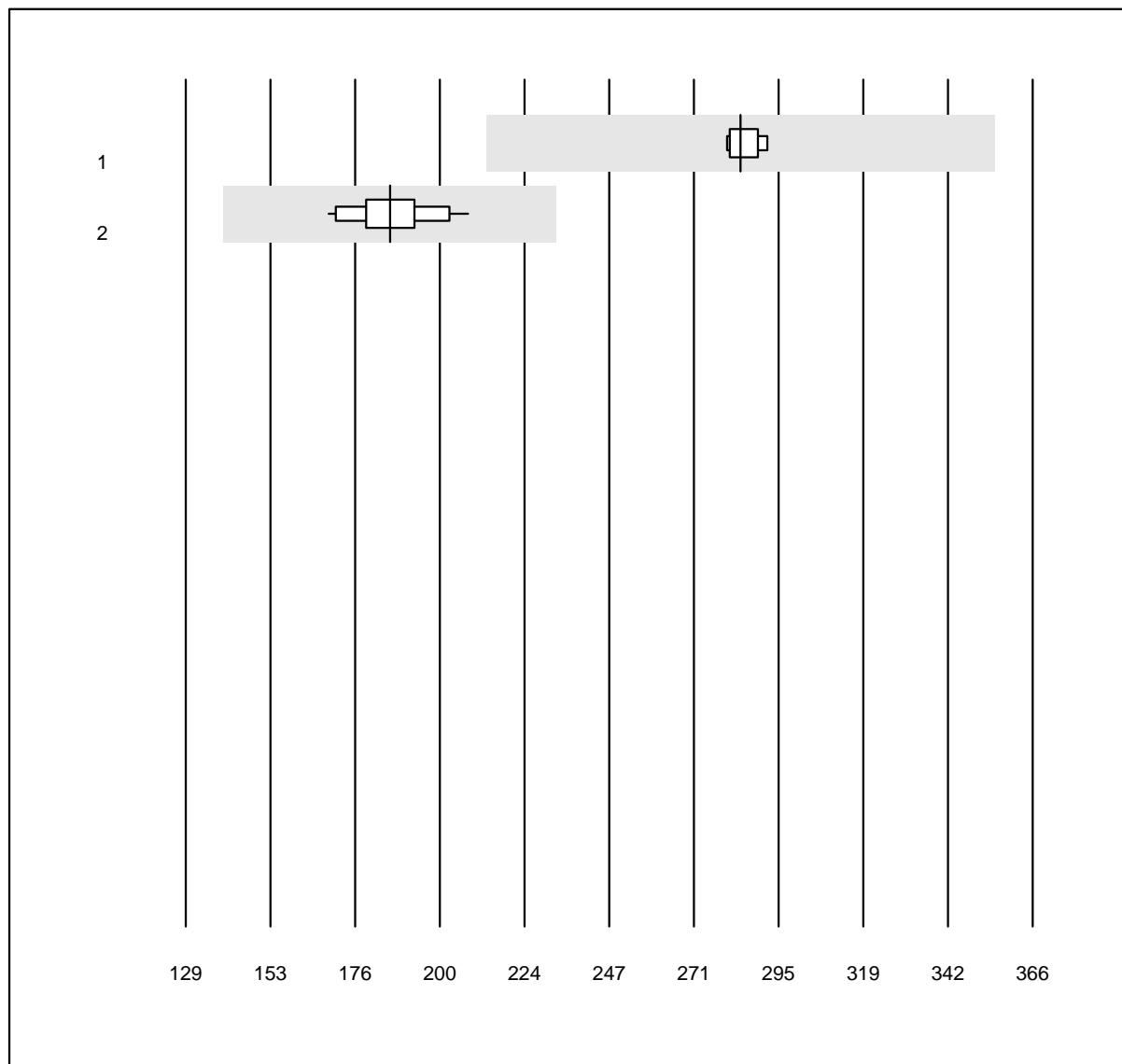
QUALAB Toleranz: 21%

HCG qn (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	6	100.0	0.0	0.0	65.8	8.8	e*
2 Roche	25	100.0	0.0	0.0	68.3	4.6	e
3 Siemens	6	100.0	0.0	0.0	46.1	6.2	e
4 VIDAS	5	100.0	0.0	0.0	27.2	5.4	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

CA 125



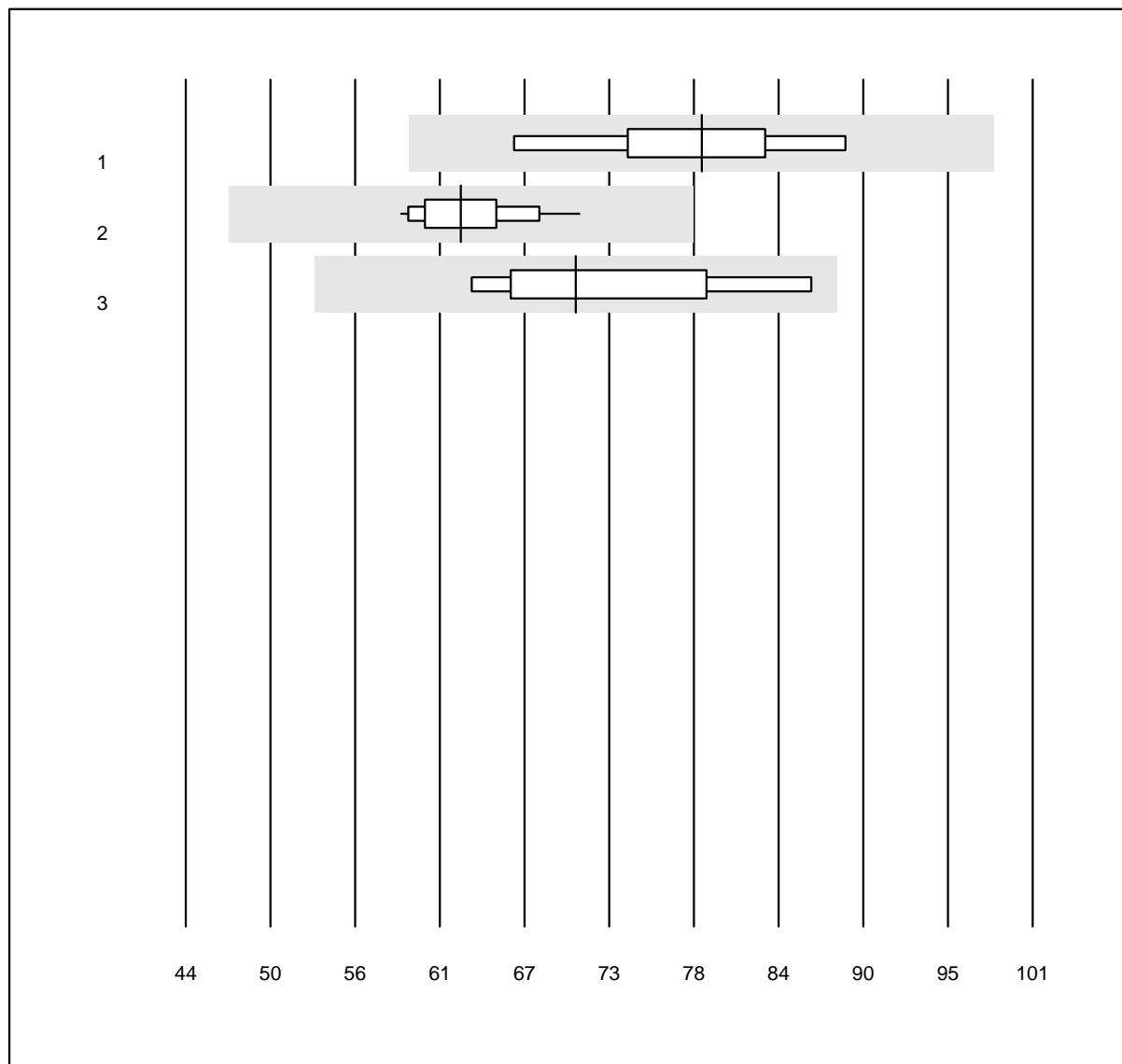
MQ Toleranz: 25%

CA 125 (kIU/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	4	100.0	0.0	0.0	284.3	1.5	e
2 Roche	13	100.0	0.0	0.0	186.2	5.4	e

4 additional results were submitted but not published because the method groups were too small. (< results per group)

CA 15-3



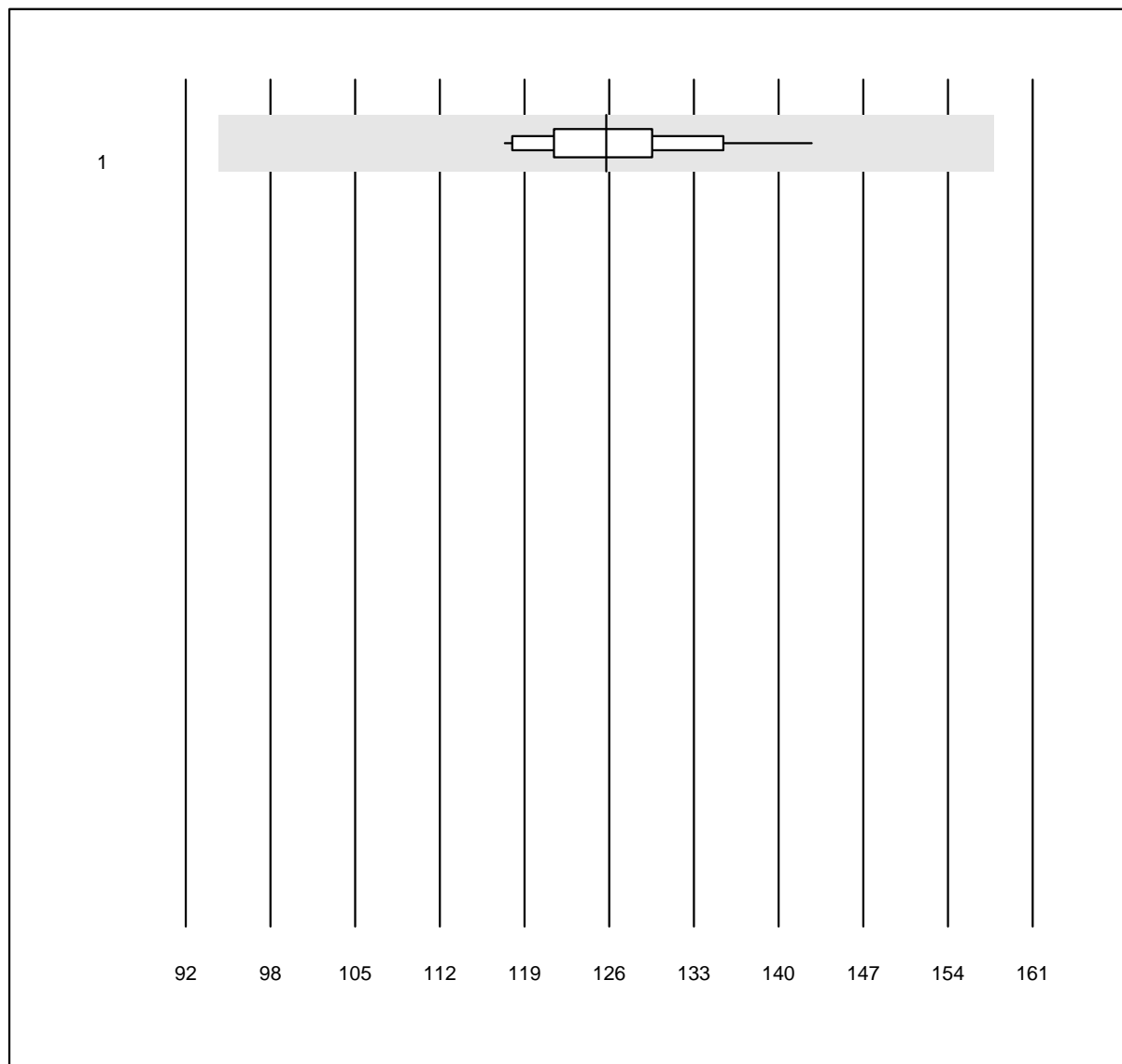
MQ Toleranz: 25%

CA 15-3 (kIU/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	78.7	7.5	e*
2 Roche	15	100.0	0.0	0.0	62.5	5.0	e
3 Siemens	4	100.0	0.0	0.0	70.3	9.8	e*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

CA 19-9



MQ Toleranz: 25%

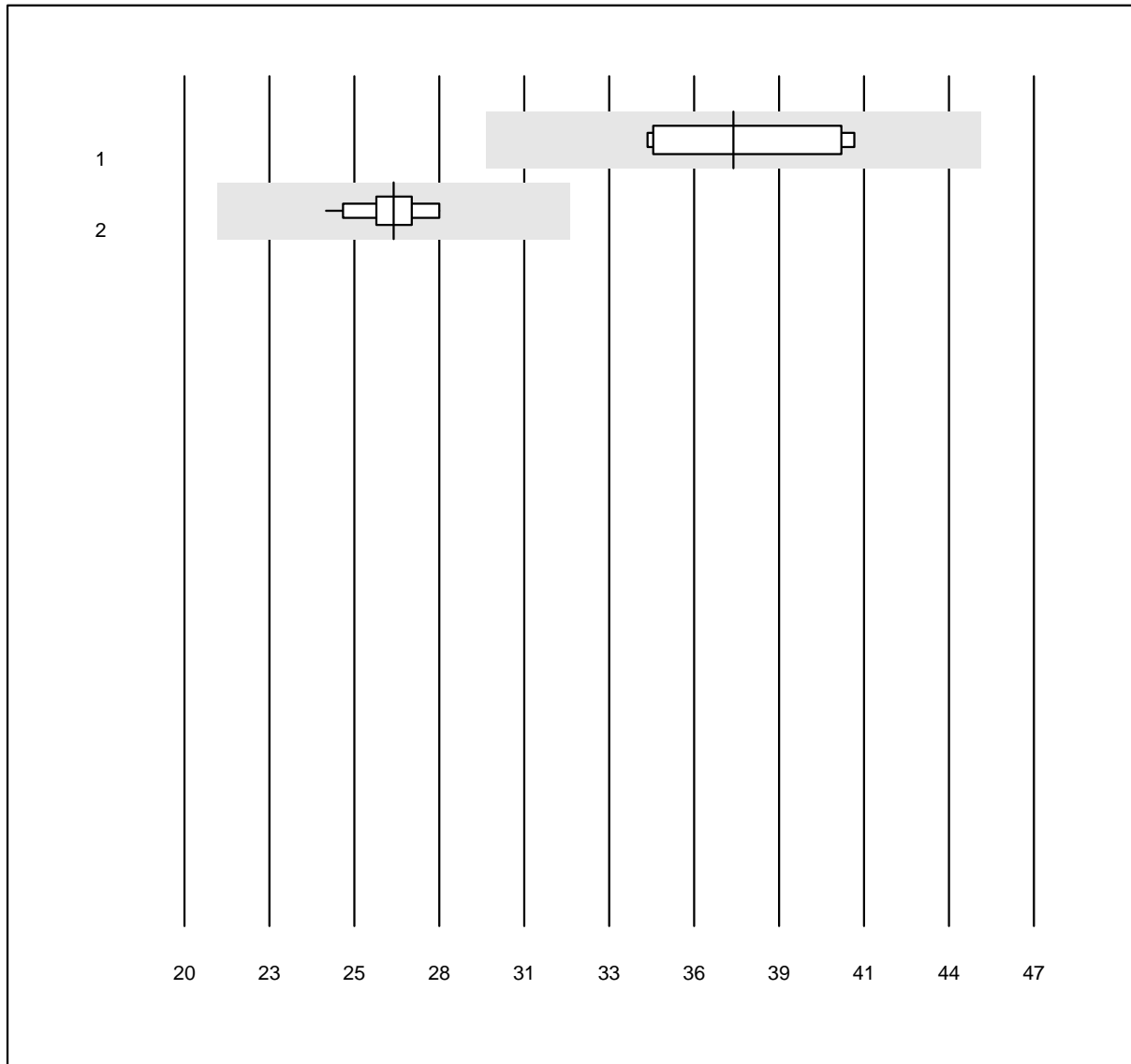
CA 19-9 (kIU/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	15	100.0	0.0	0.0	126.3	5.0	e

5 additional results were submitted but not published because the method groups were too small. (< results per group)

K14 Tumor Markers

CEA



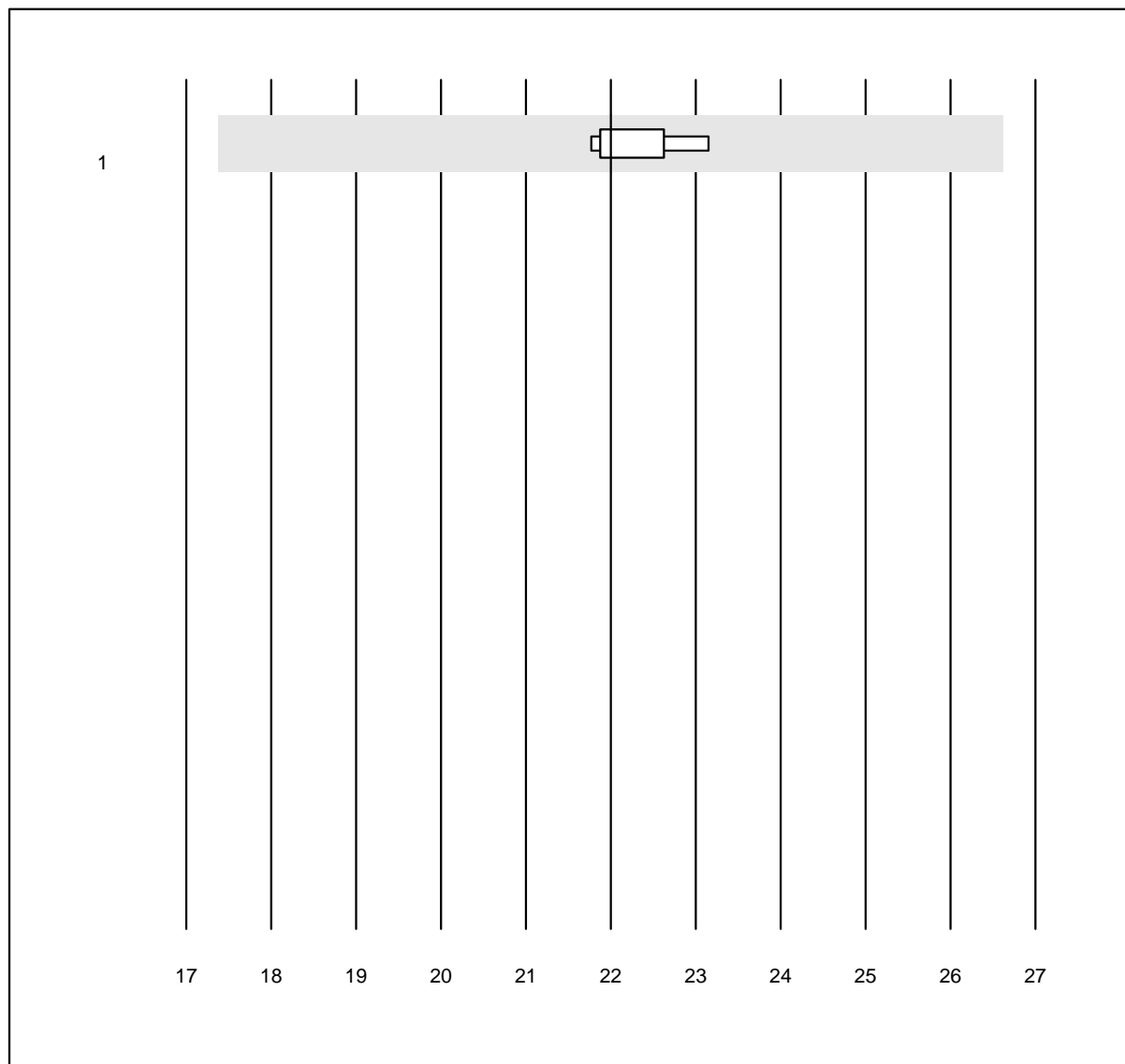
QUALAB Toleranz: 21%

CEA (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	37.5	8.1	e*
2 Roche	18	100.0	0.0	0.0	26.6	3.6	e

4 additional results were submitted but not published because the method groups were too small. (< results per group)

HCG intact



QUALAB Toleranz: 21%

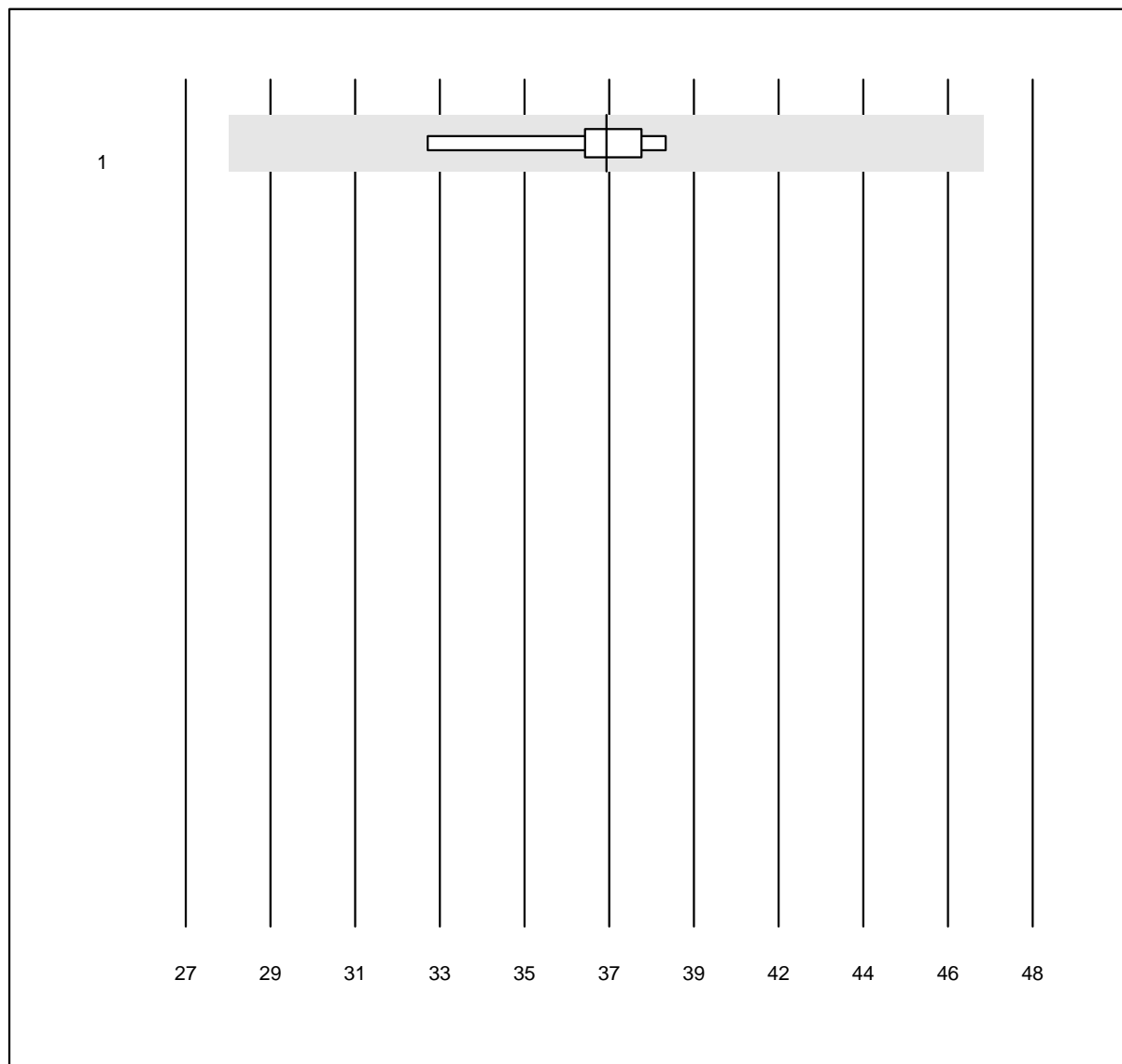
HCG intact (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cobas	6	100.0	0.0	0.0	22.0	2.1	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

K14 Tumor Markers

NSE



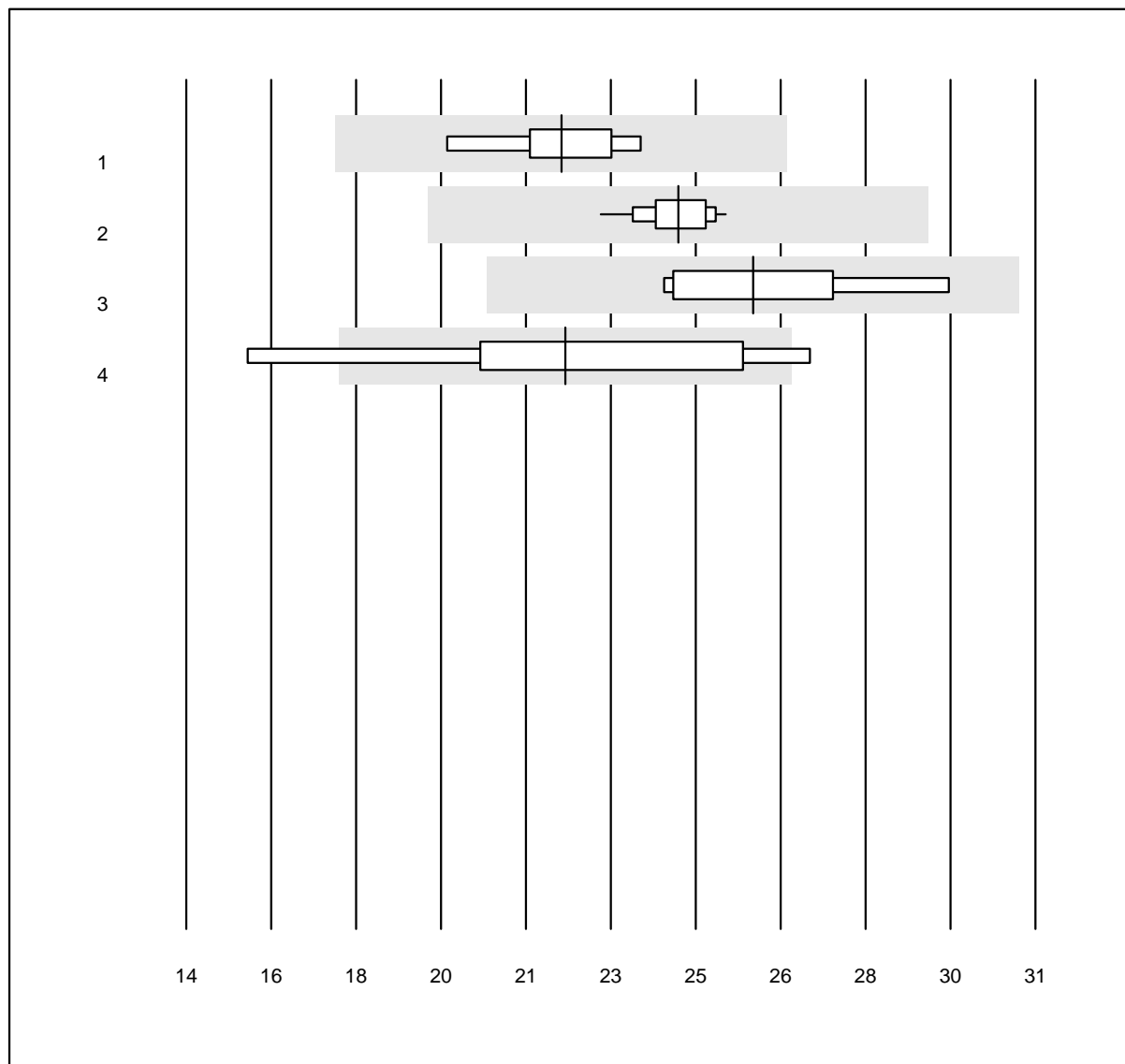
MQ Toleranz: 25%

NSE (ng/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	7	100.0	0.0	0.0	37.4	4.5	e

K14 Tumor Markers

PSA



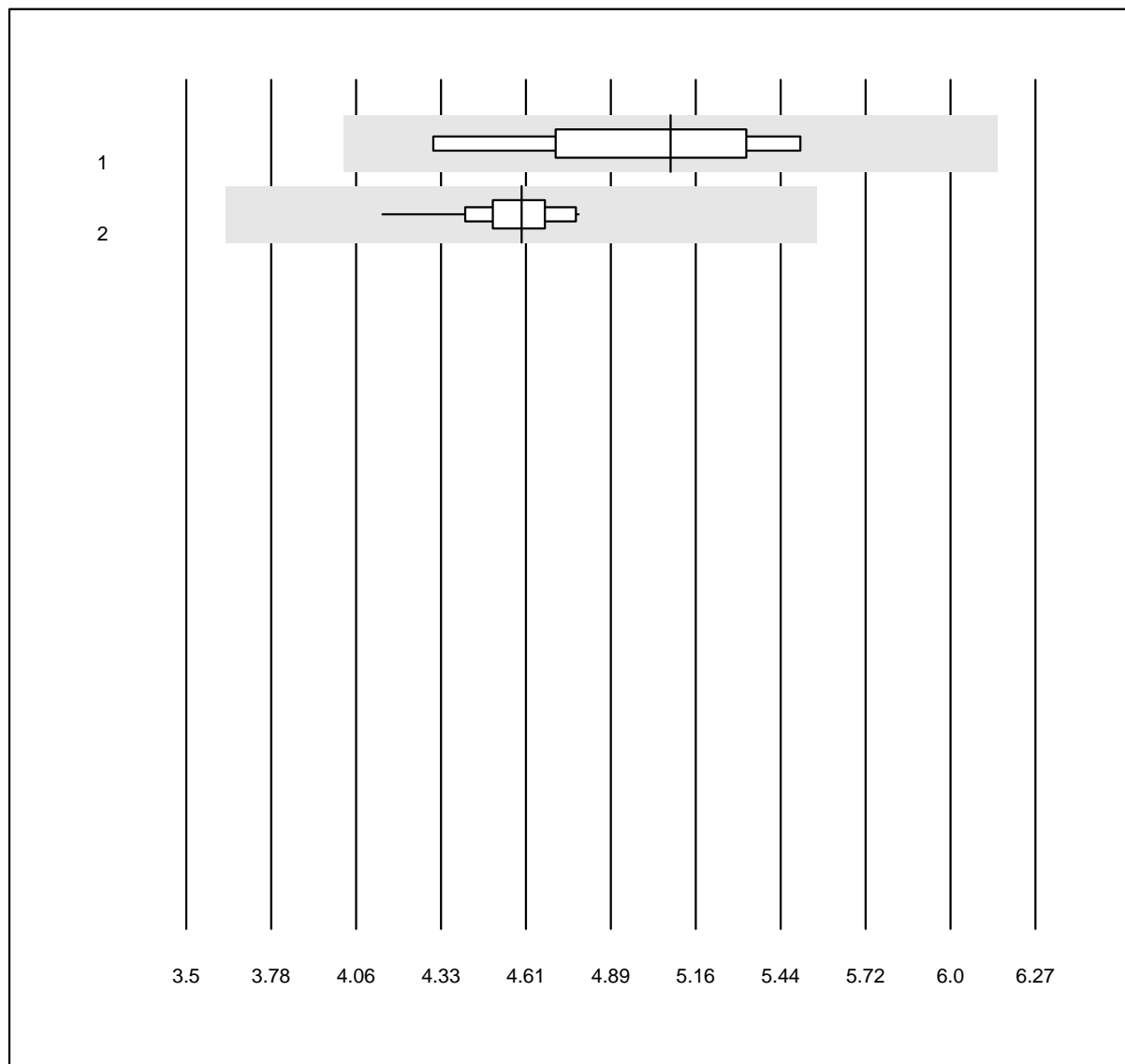
QUALAB Toleranz: 21%

PSA (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	7	100.0	0.0	0.0	21.51	5.6	e
2 Roche	23	100.0	0.0	0.0	23.85	2.6	e
3 AFIAS	8	100.0	0.0	0.0	25.35	7.5	e*
4 Other methods	5	100.0	0.0	0.0	21.59	14.4	d*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

free PSA



QUALAB Toleranz: 21%

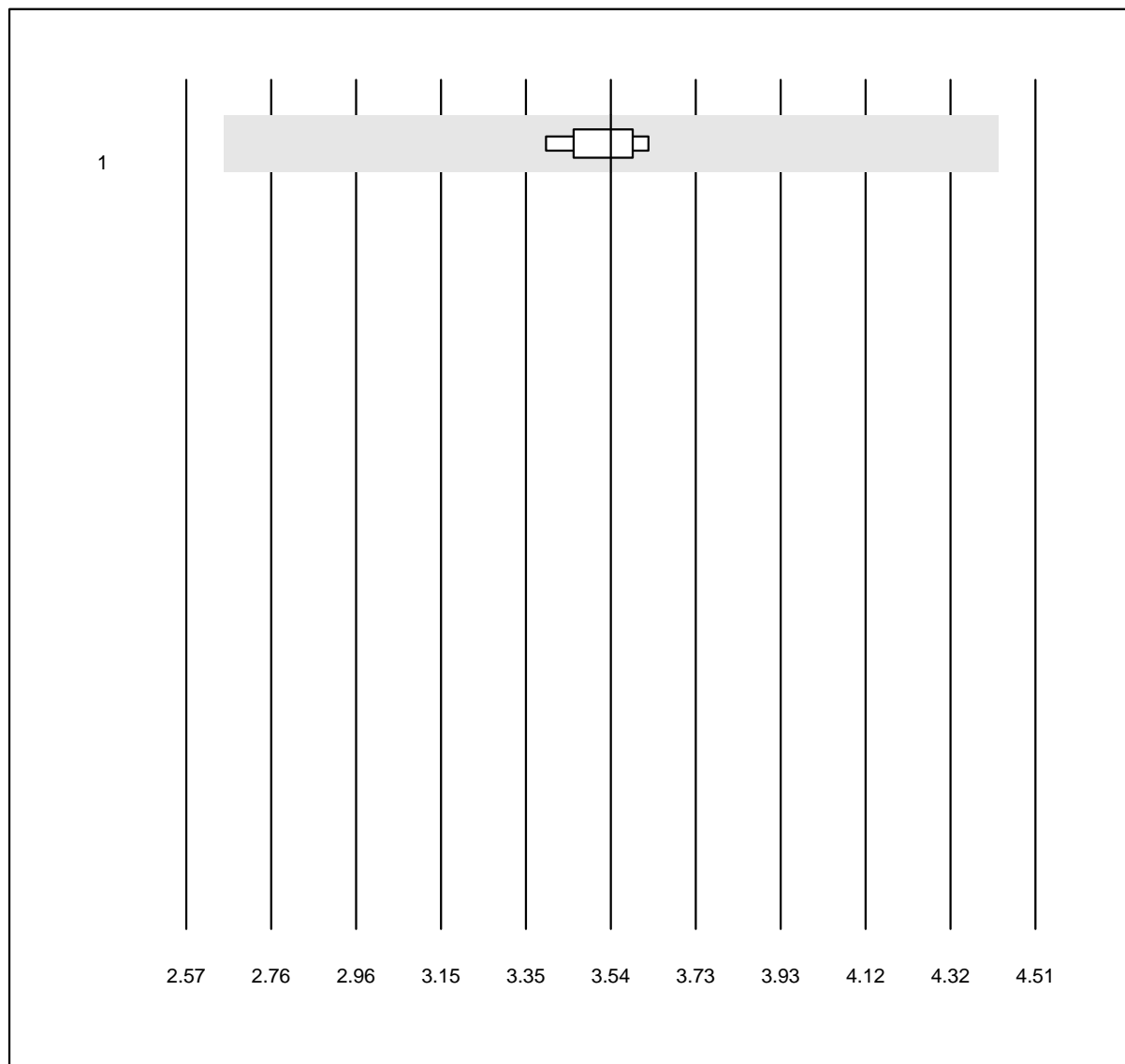
free PSA (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	6	100.0	0.0	0.0	5.08	7.3	e*
2 Roche	18	100.0	0.0	0.0	4.59	3.3	e

3 additional results were submitted but not published because the method groups were too small. (< results per group)

K14 Tumor Markers

S100

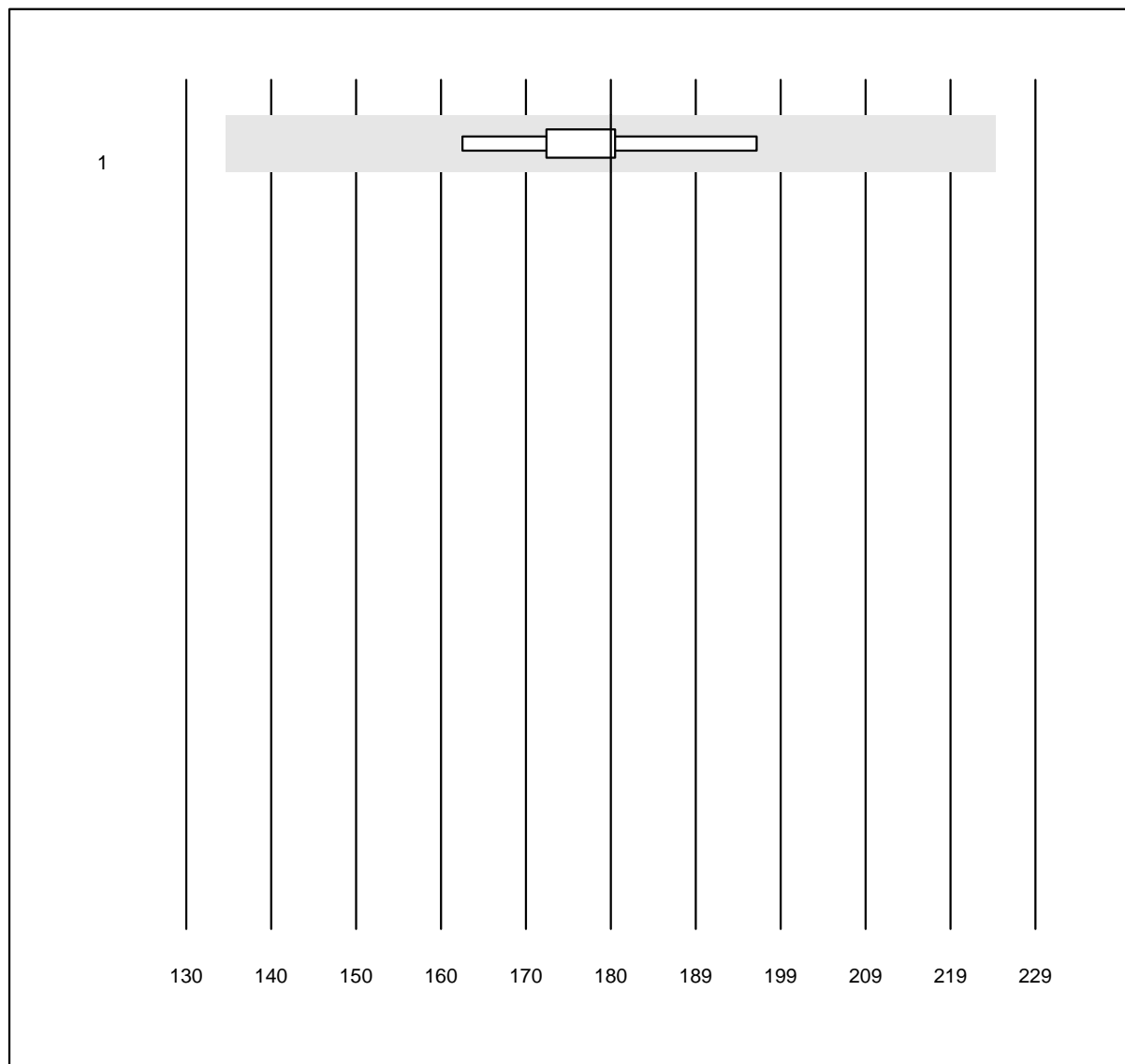


MQ Toleranz: 25%

S100 (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	5	100.0	0.0	0.0	3.54	2.1	e

Thyreoglobulin



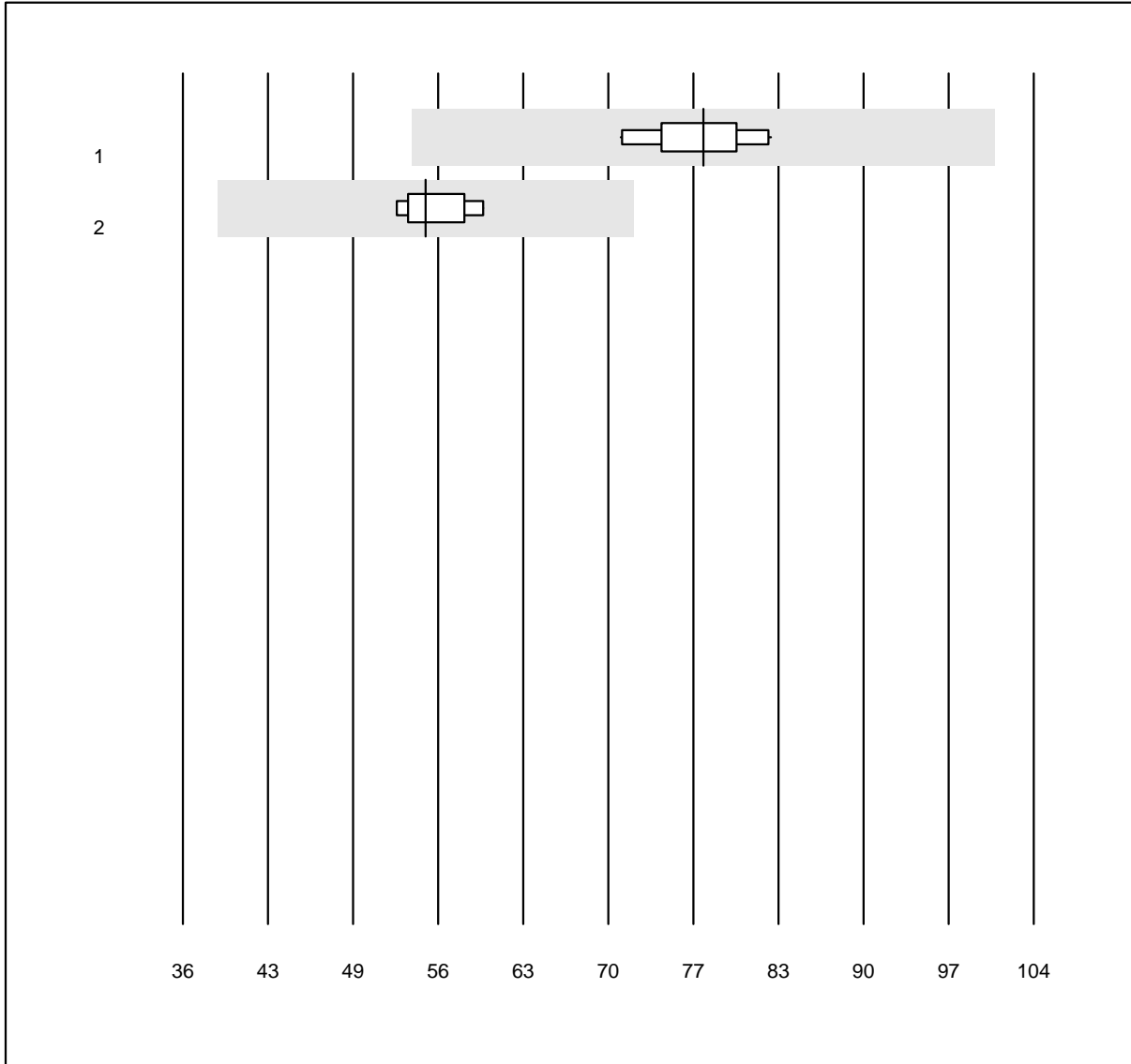
MQ Toleranz: 25%

Thyreoglobulin (µg/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Roche	8	100.0	0.0	0.0	179.5	5.1	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

CK-MB

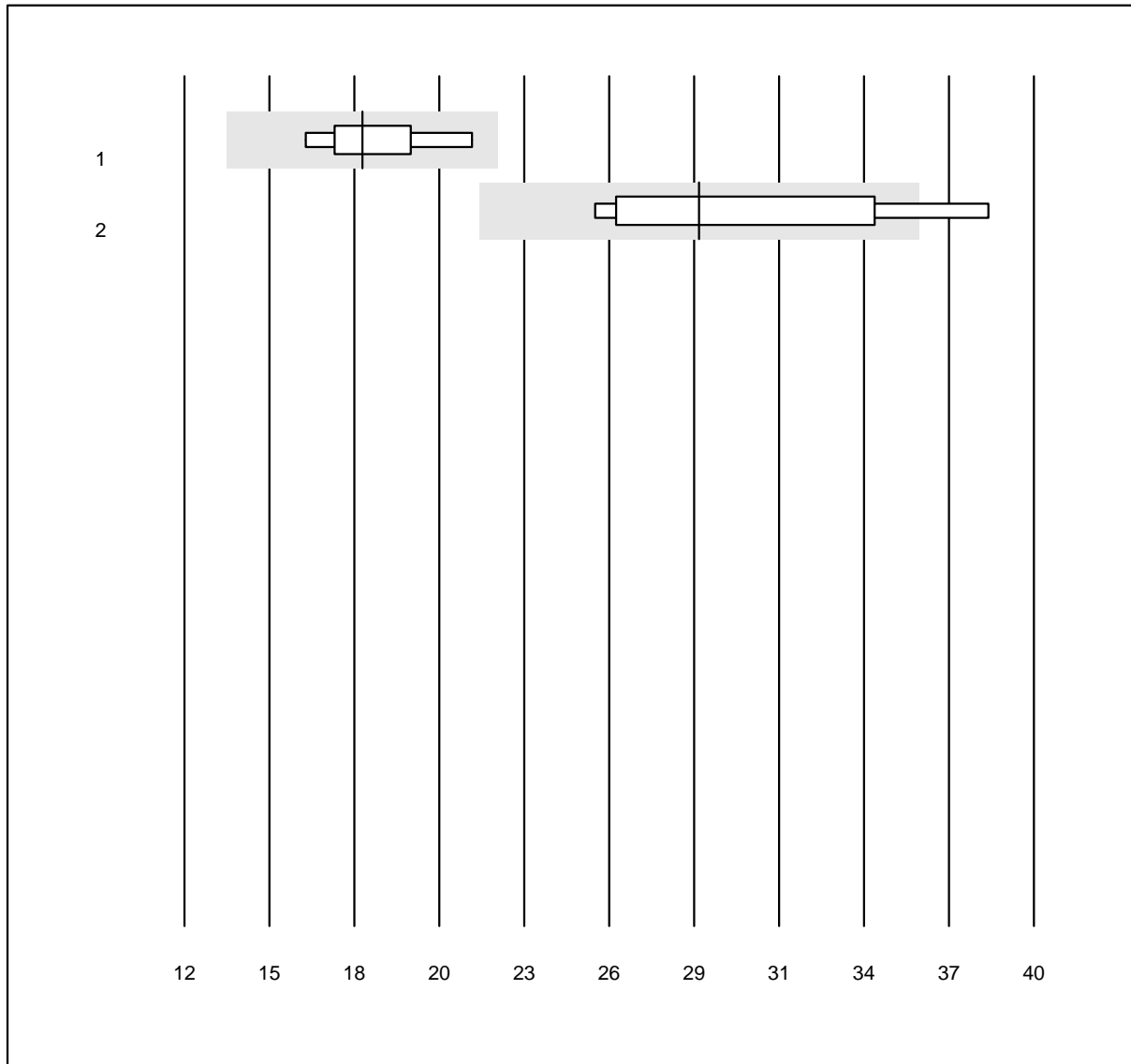


MQ Toleranz: 30%

CK-MB (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Fuji Dri-Chem	10	100.0	0.0	0.0	77.6	5.0	e
2 Cobas/Roche	9	100.0	0.0	0.0	55.4	4.7	e

ACTH



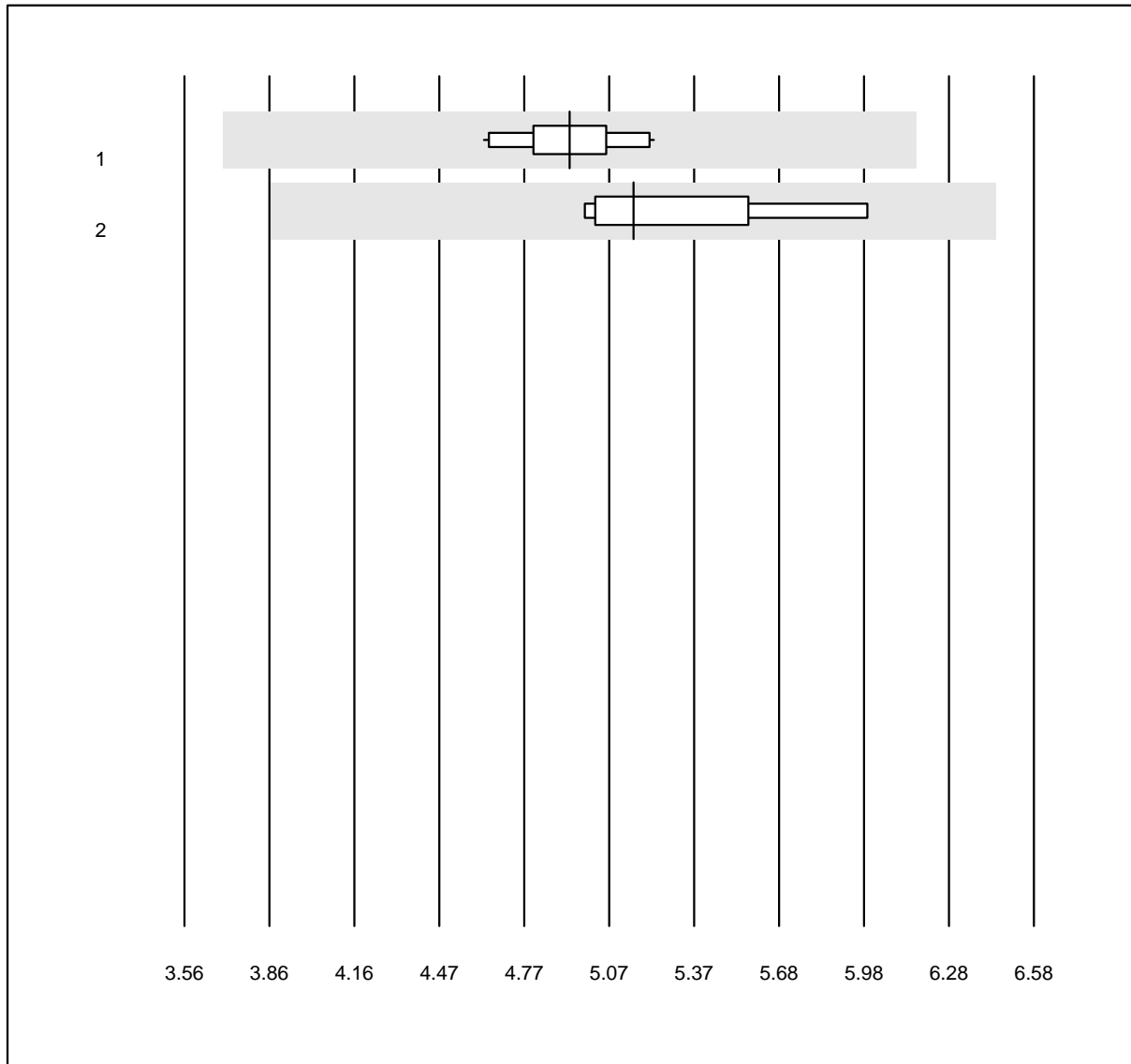
MQ Toleranz: 25%

ACTH (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	9	100.0	0.0	0.0	17.87	9.3	e*
2 Liaison	4	100.0	0.0	0.0	28.96	15.2	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

C-Peptid

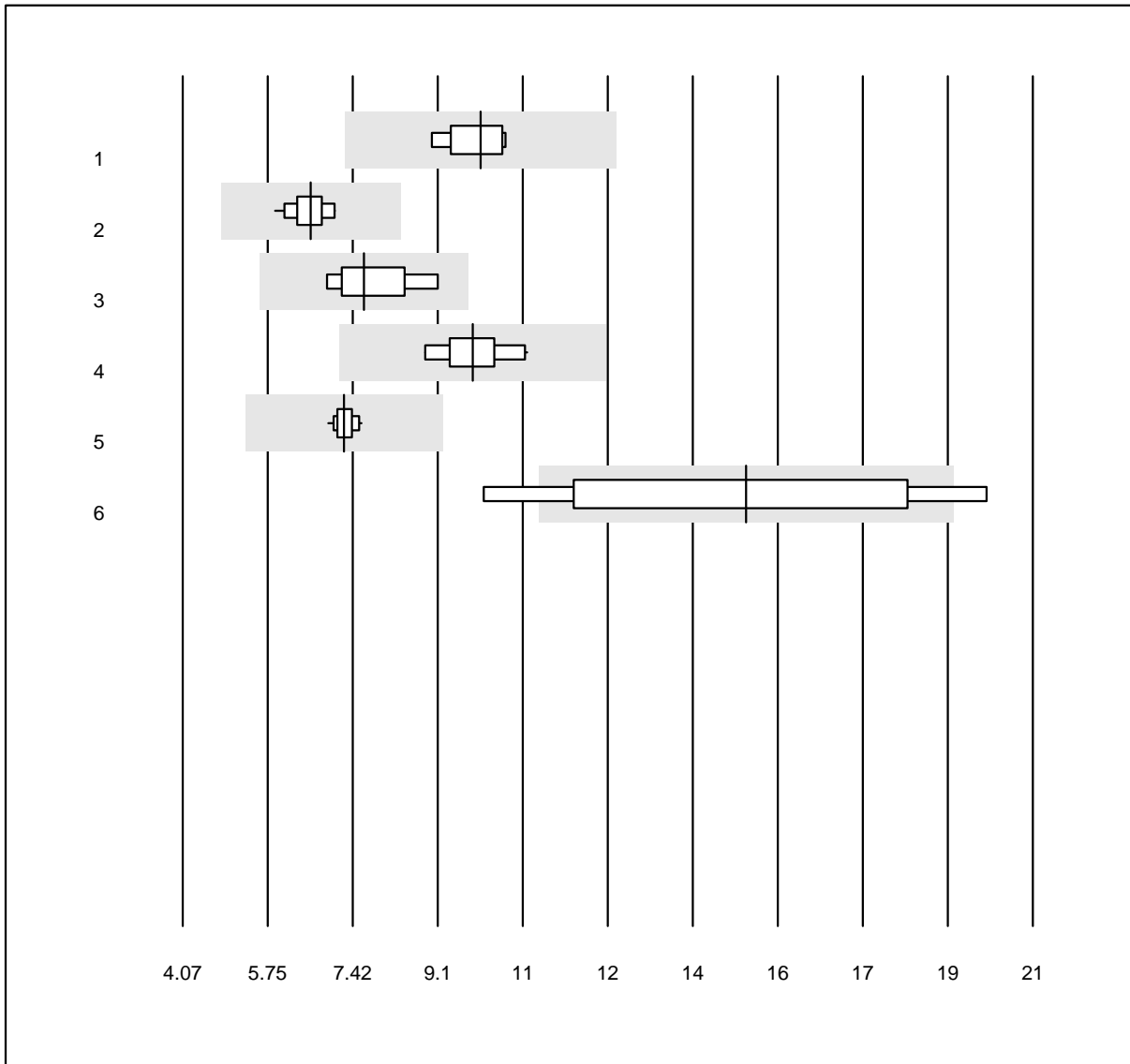


MQ Toleranz: 25%

C-Peptid (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	10	100.0	0.0	0.0	4.93	3.5	e
2 Other methods	5	100.0	0.0	0.0	5.16	6.3	e

Procalcitonin



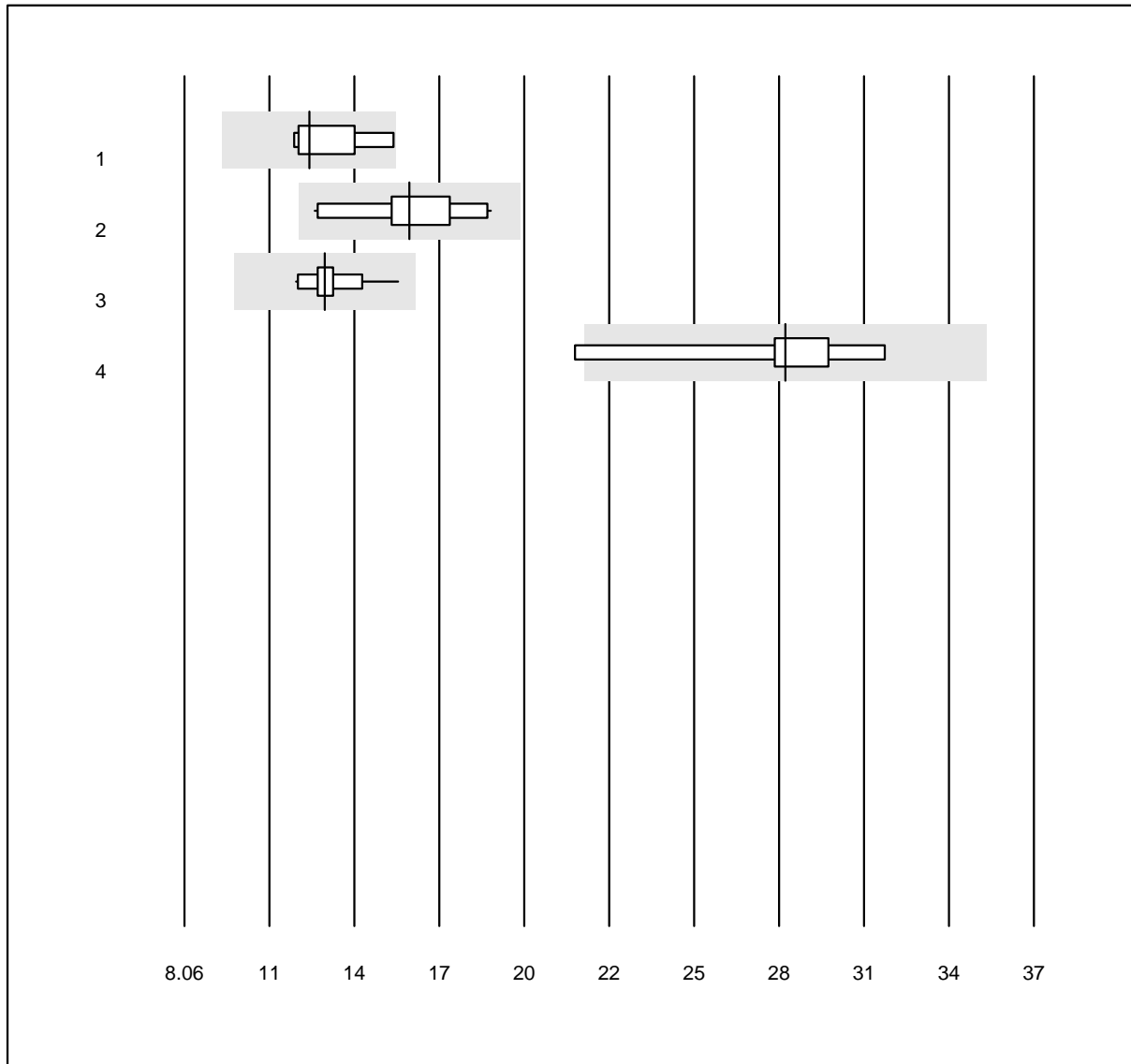
QUALAB Toleranz: 27%

Procalcitonin (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	10.00	5.4	e
2 VIDAS	15	100.0	0.0	0.0	6.62	5.2	e
3 Kryptor	4	100.0	0.0	0.0	7.68	8.6	e*
4 Siemens	10	100.0	0.0	0.0	9.85	6.5	e
5 Roche	21	100.0	0.0	0.0	7.28	2.5	e
6 Other methods	4	100.0	0.0	0.0	15.29	22.6	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Parathyroid hormone



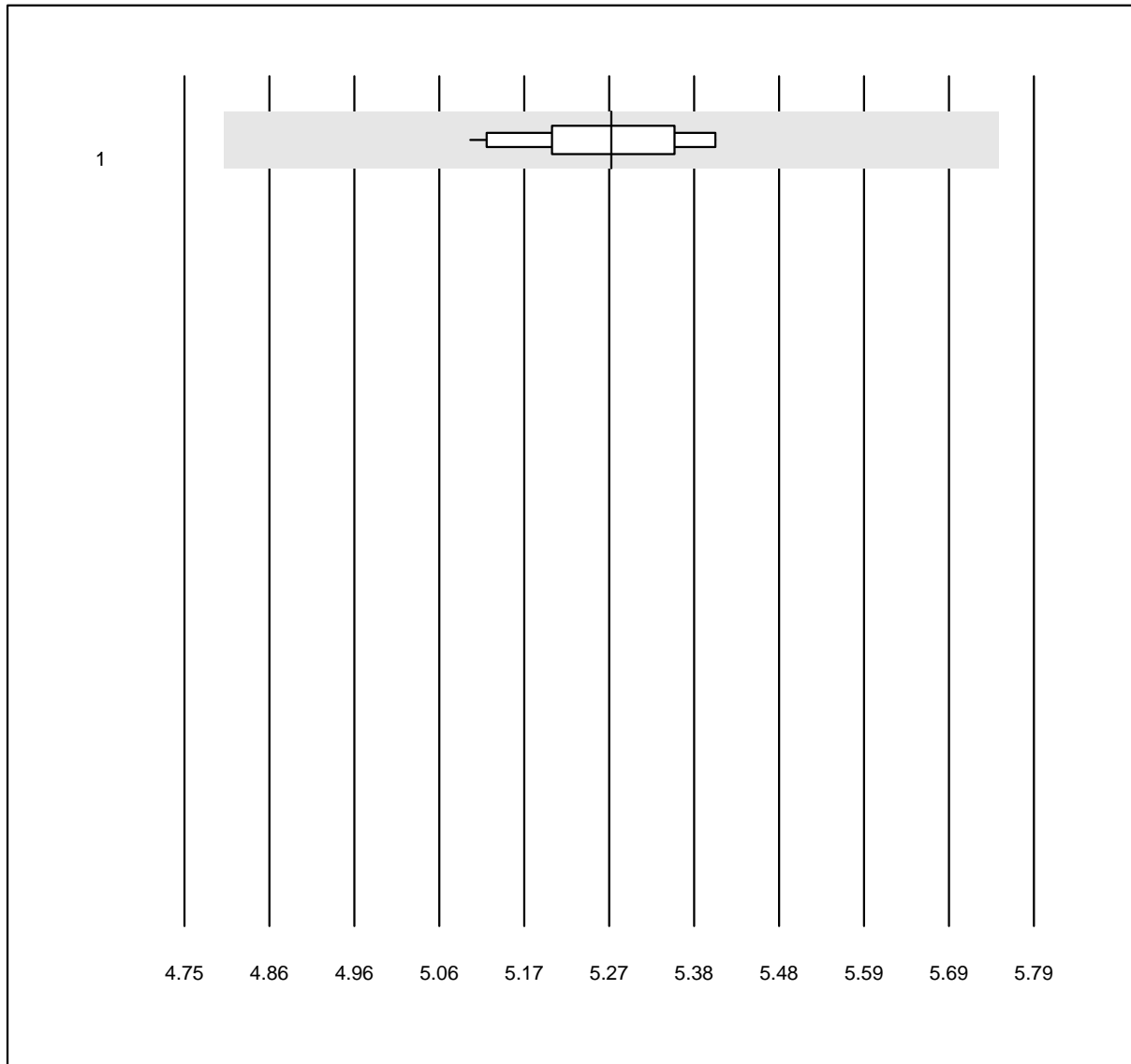
QUALAB Toleranz: 24%

Parathyroid hormone
(pmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Other methods	4	100.0	0.0	0.0	12.3	8.6	e*
2 Cobas	11	100.0	0.0	0.0	15.7	11.6	e*
3 Cobas PTH STAT	15	100.0	0.0	0.0	12.8	6.2	e
4 ADVIA Centaur XP/CP	7	100.0	0.0	0.0	28.5	10.0	e*

6 additional results were submitted but not published because the method groups were too small. (< results per group)

Glucose-K22

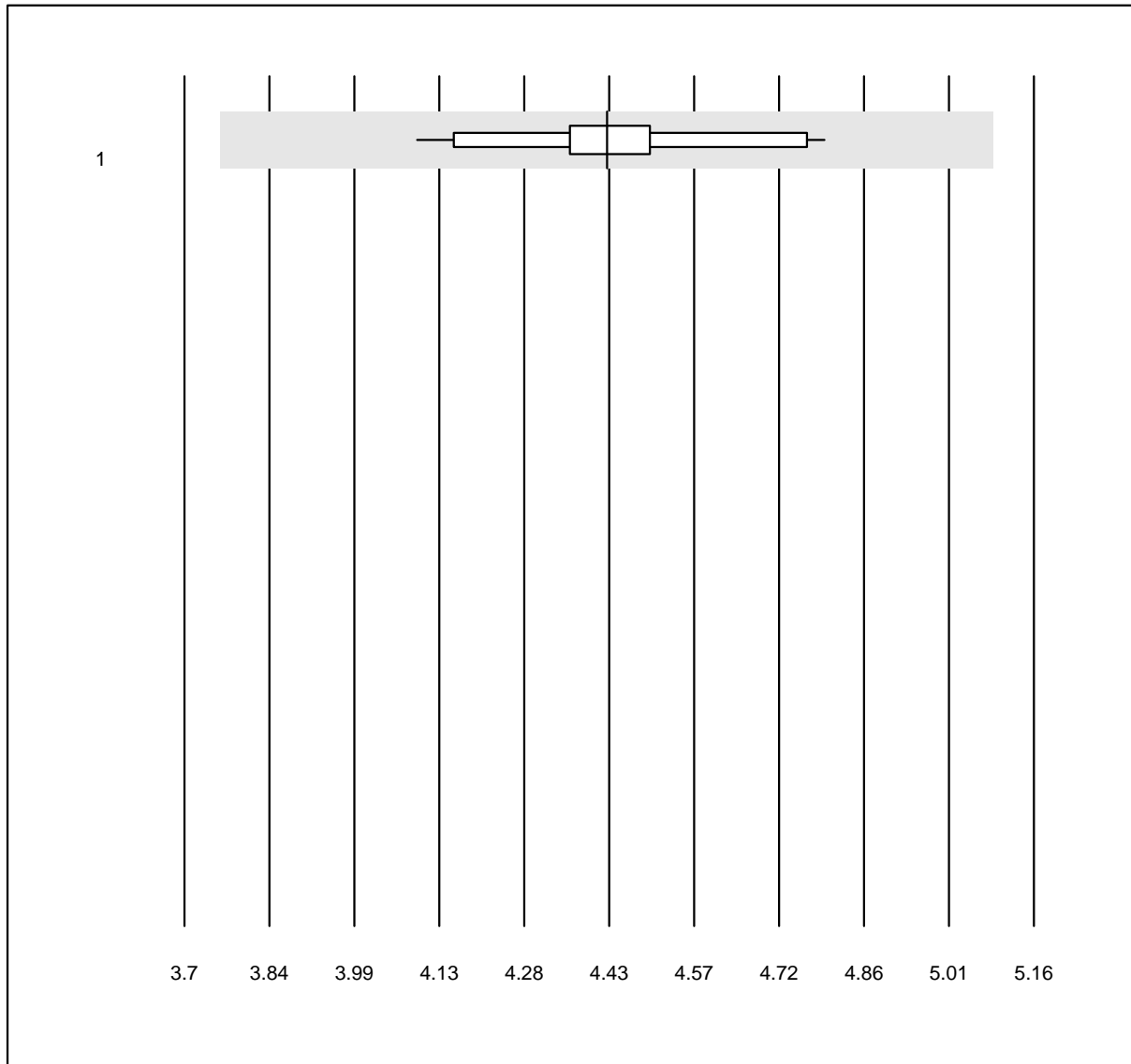


QUALAB Toleranz: 9%

Glucose-K22 (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Standard chemistry	12	91.7	0.0	8.3	5.3	1.7	e

Urea-K22

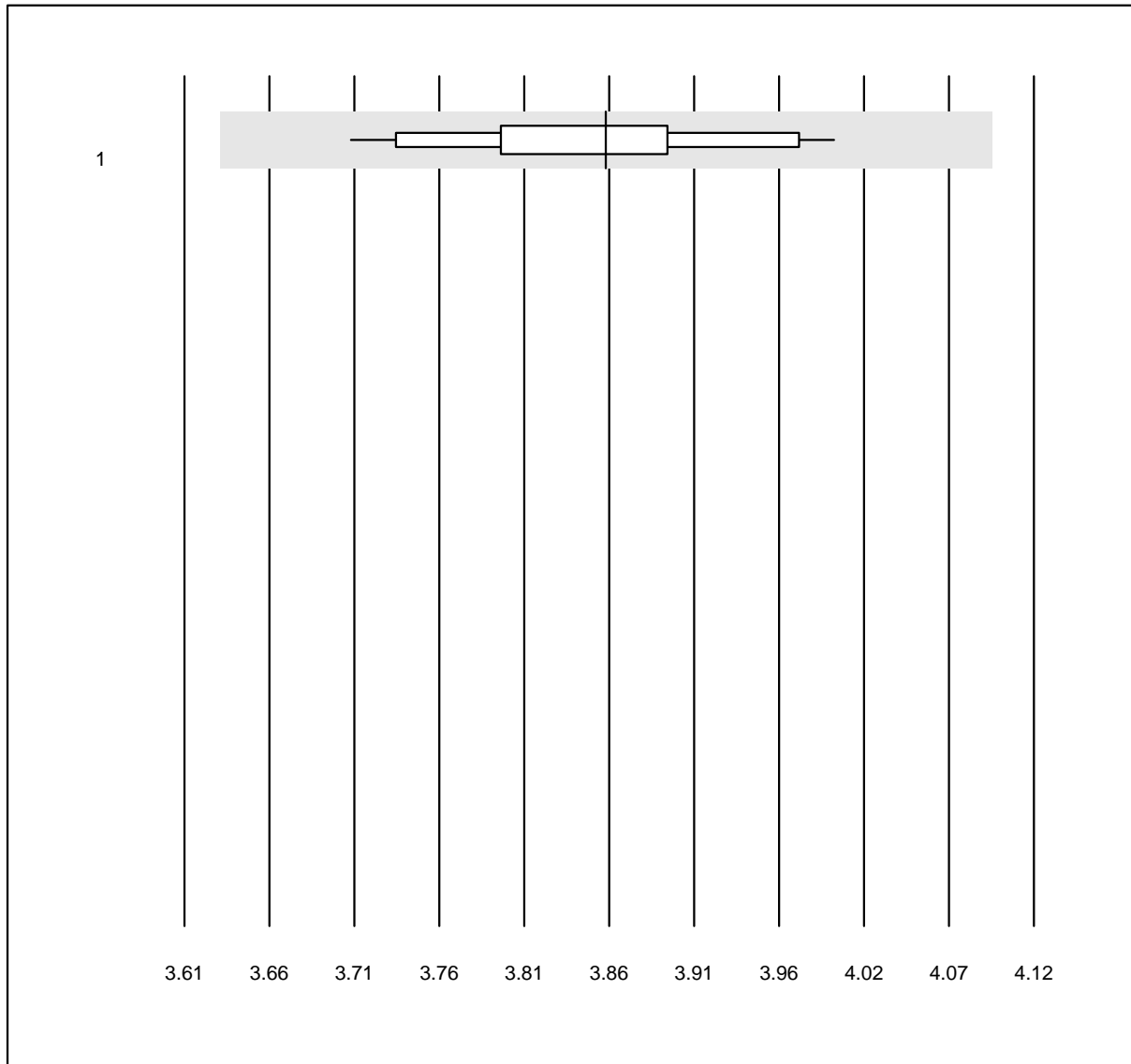


QUALAB Toleranz: 15%

Urea-K22 (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Standard chemistry	12	100.0	0.0	0.0	4.4	4.0	e

Potassium-K22

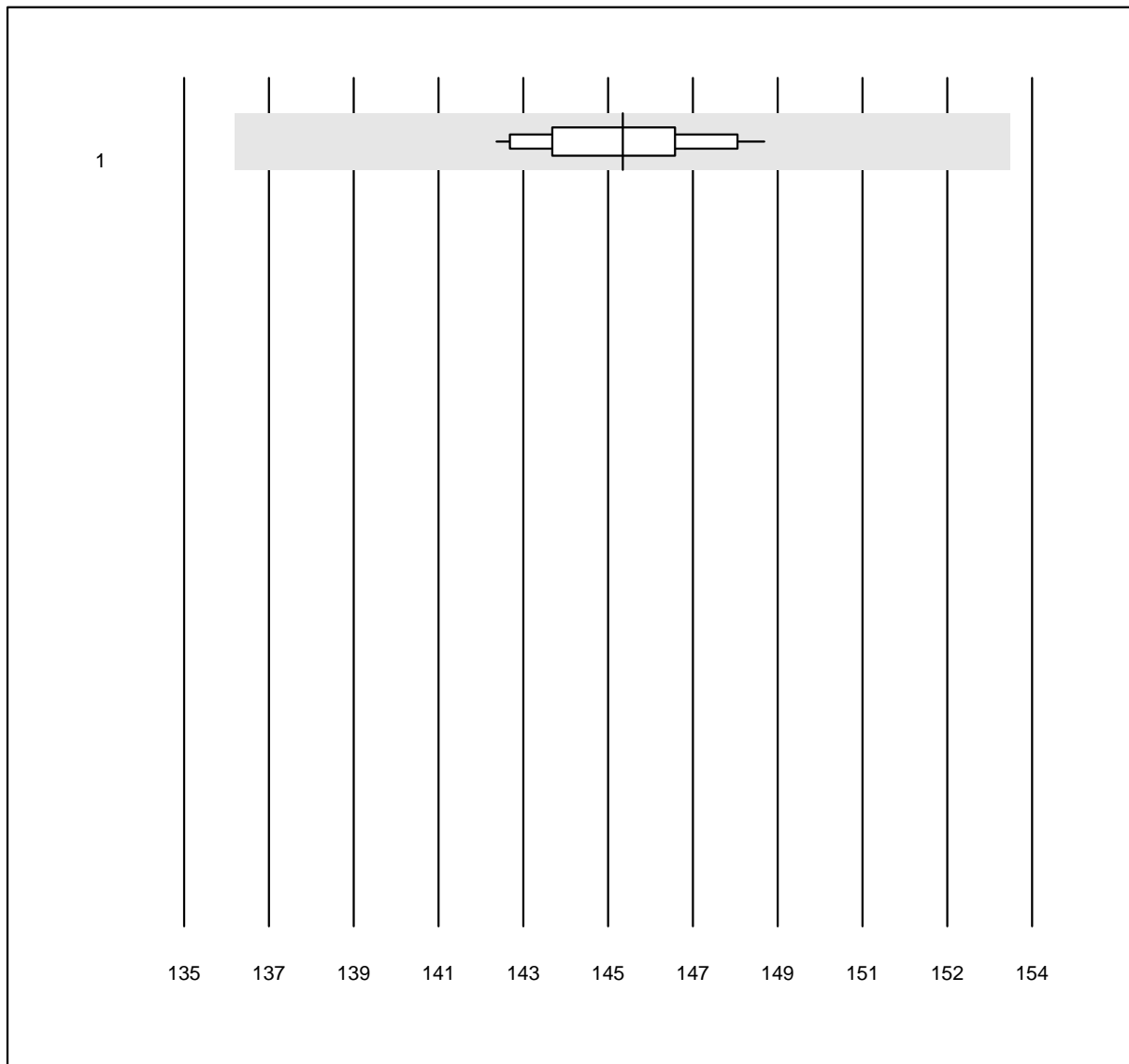


QUALAB Toleranz: 6%

Potassium-K22 (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ISE	12	100.0	0.0	0.0	3.9	2.0	e

Sodium-K22

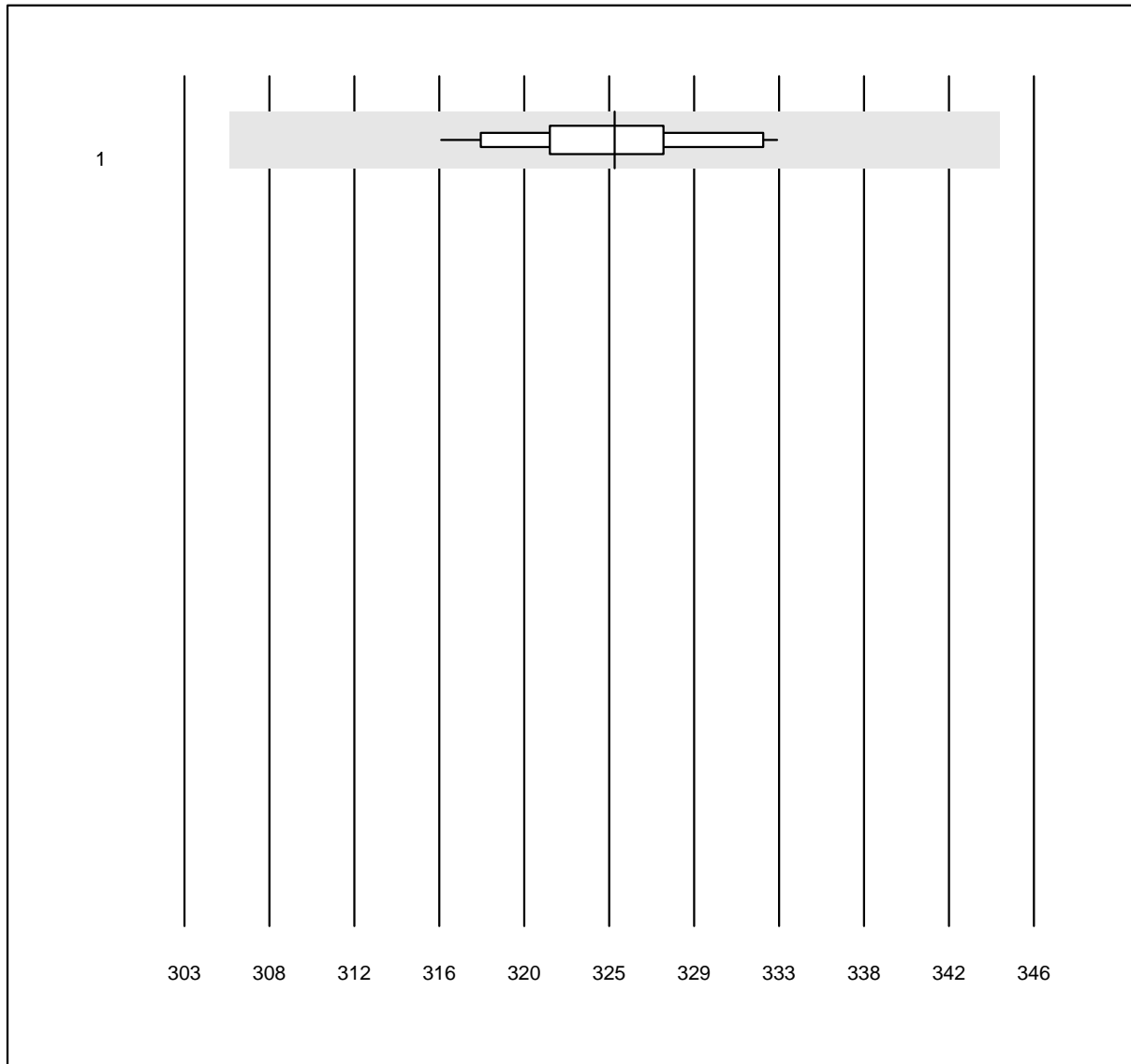


QUALAB Toleranz: 6%

Sodium-K22 (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 ISE	12	100.0	0.0	0.0	145	1.1	e

Osmolality

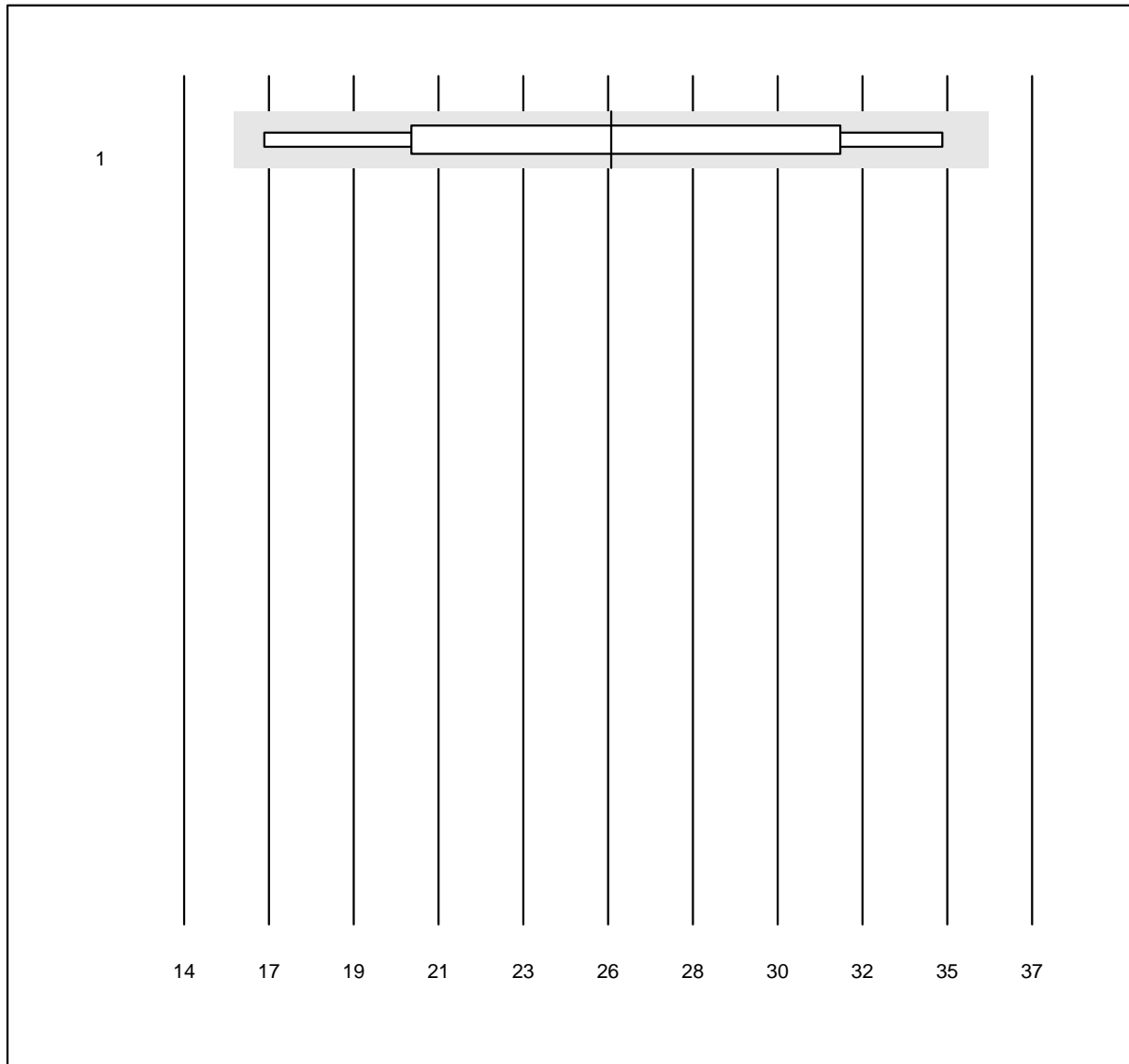


QUALAB Toleranz: 6%

Osmolality (mosm/kg)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cryoskopy	26	100.0	0.0	0.0	325	1.5	e

Osmotic Gap

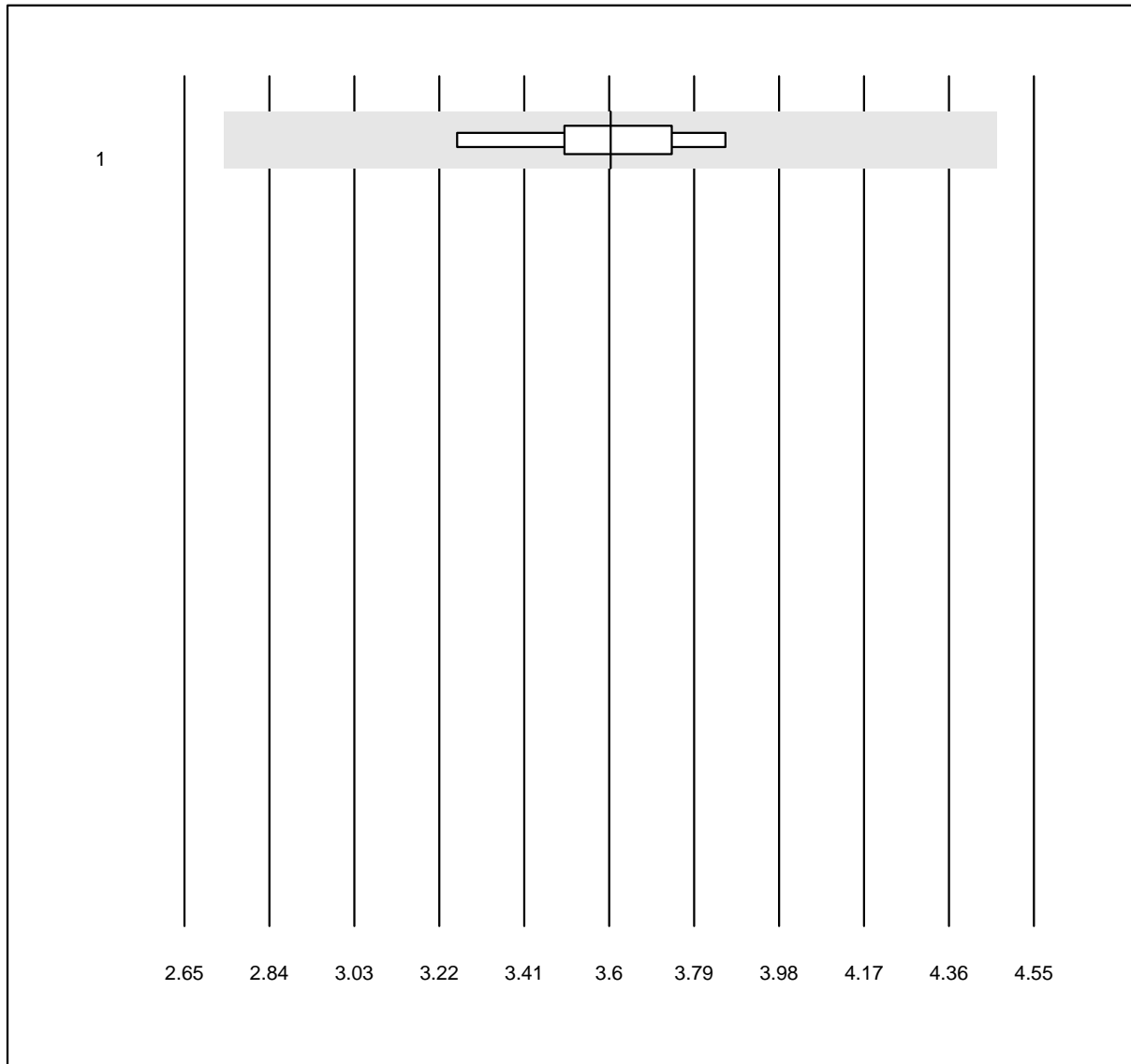


MQ Toleranz: 40%

Osmotic Gap (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Formula 1 (2Na+K+Glu+Hst)	8	100.0	0.0	0.0	25.6	24.6	e*
1 additional results were submitted but not published because the method groups were too small. (< results per group)							

Digoxin



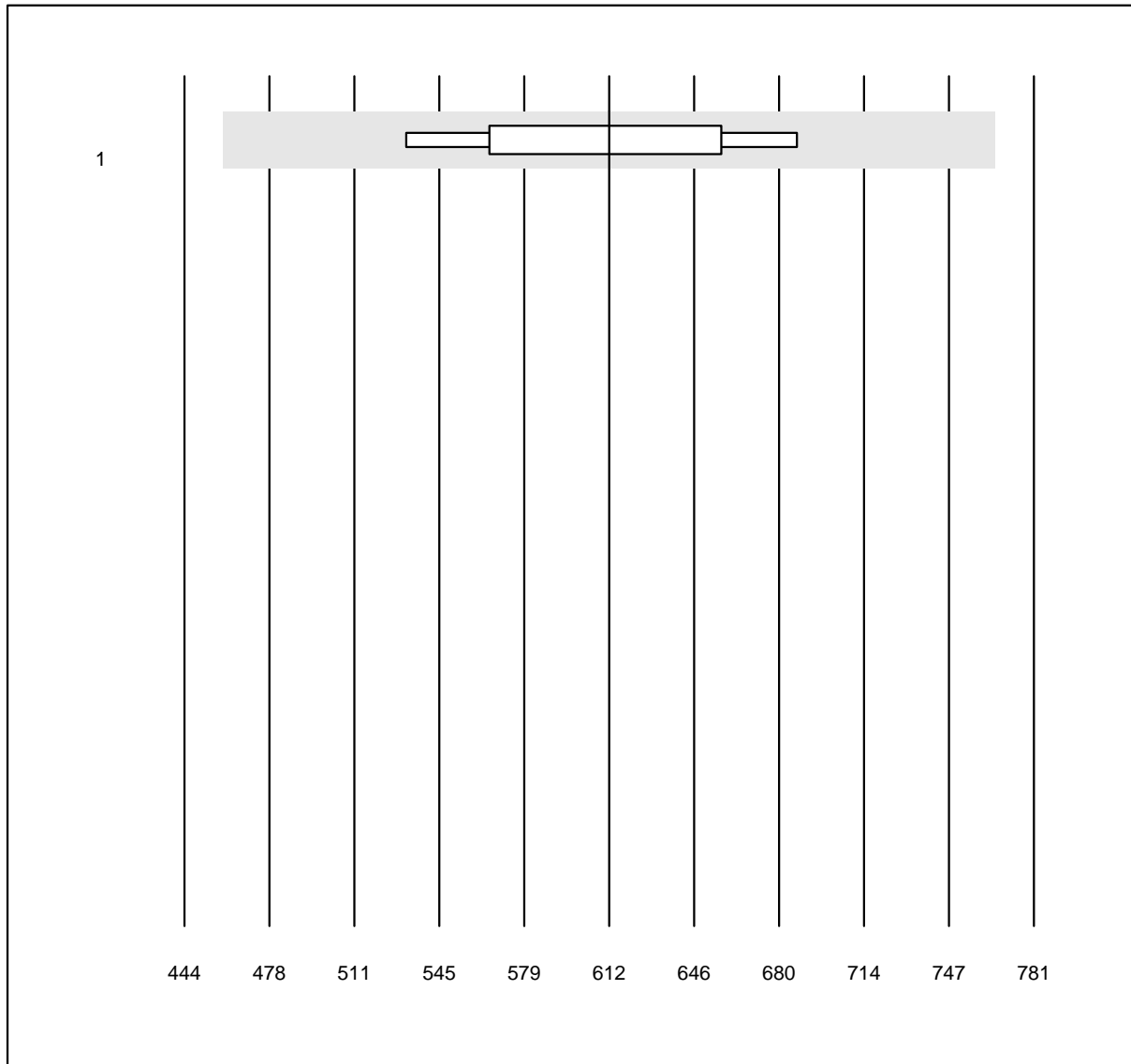
QUALAB Toleranz: 24%

Digoxin (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Other methods	7	100.0	0.0	0.0	3.60	5.0	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Paracetamol



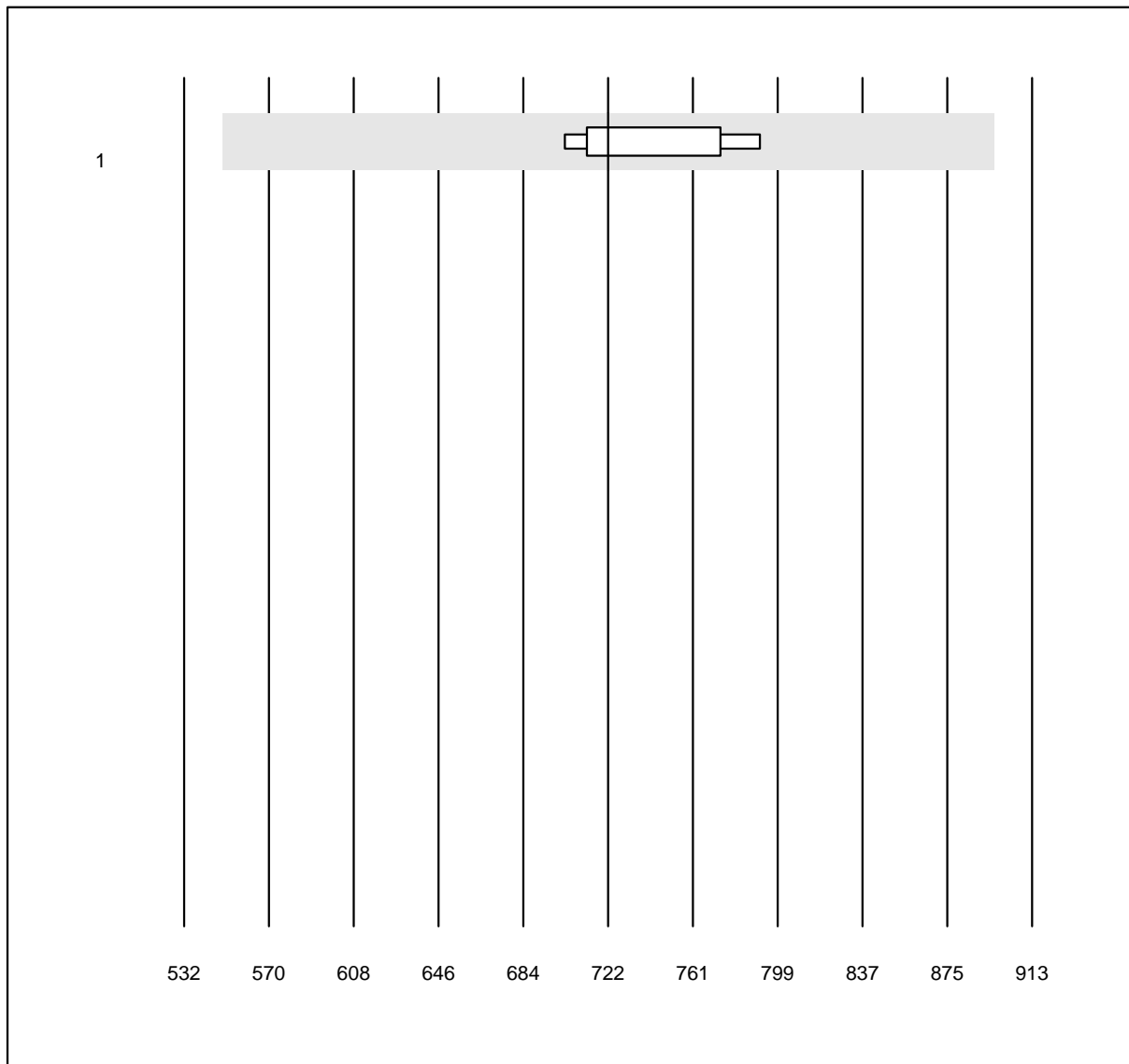
MQ Toleranz: 25%

Paracetamol (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	4	100.0	0.0	0.0	612.5	7.8	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Valproat

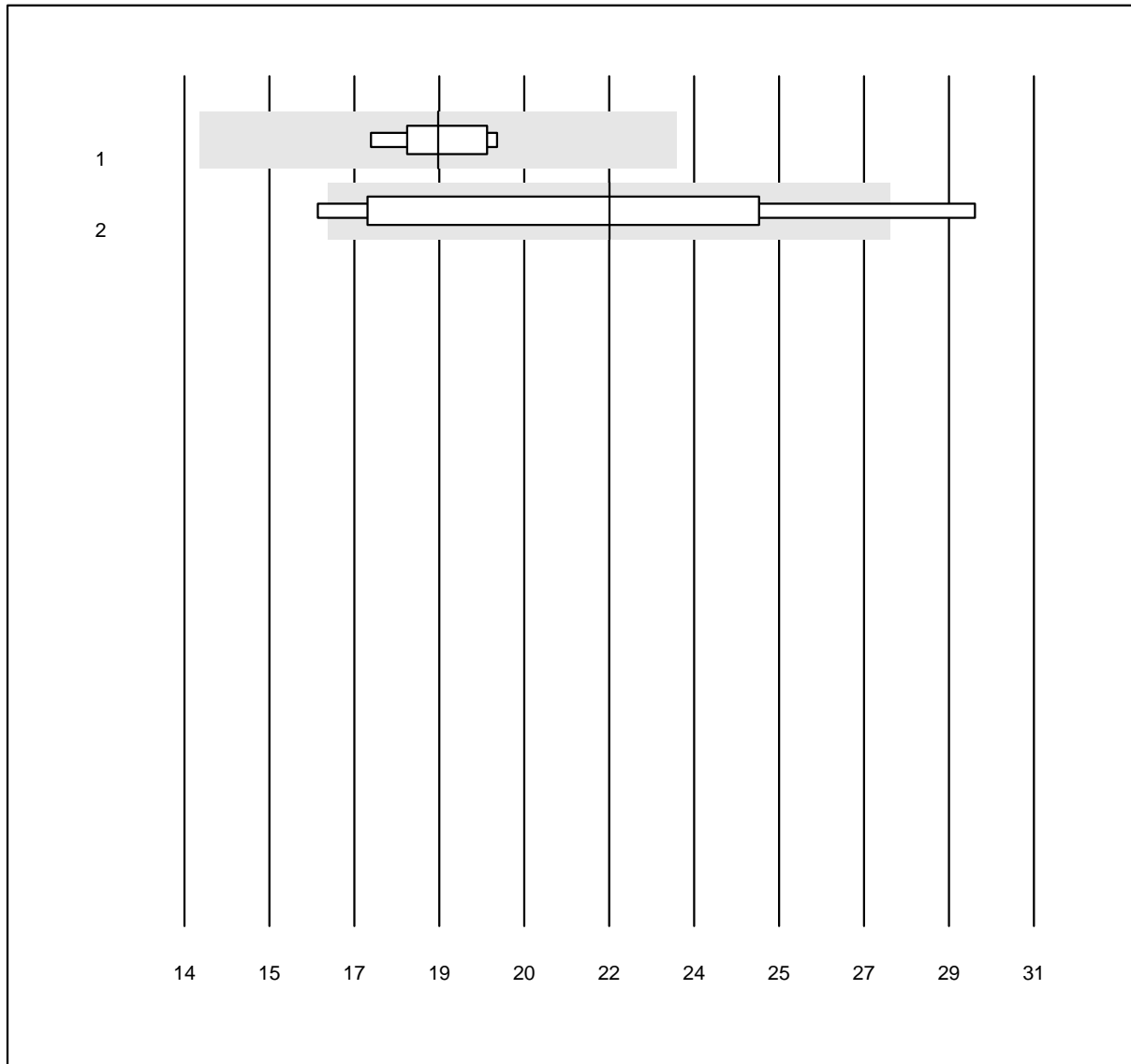


MQ Toleranz: 24%

Valproat (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	8	100.0	0.0	0.0	722.5	4.5	e

Vancomycin



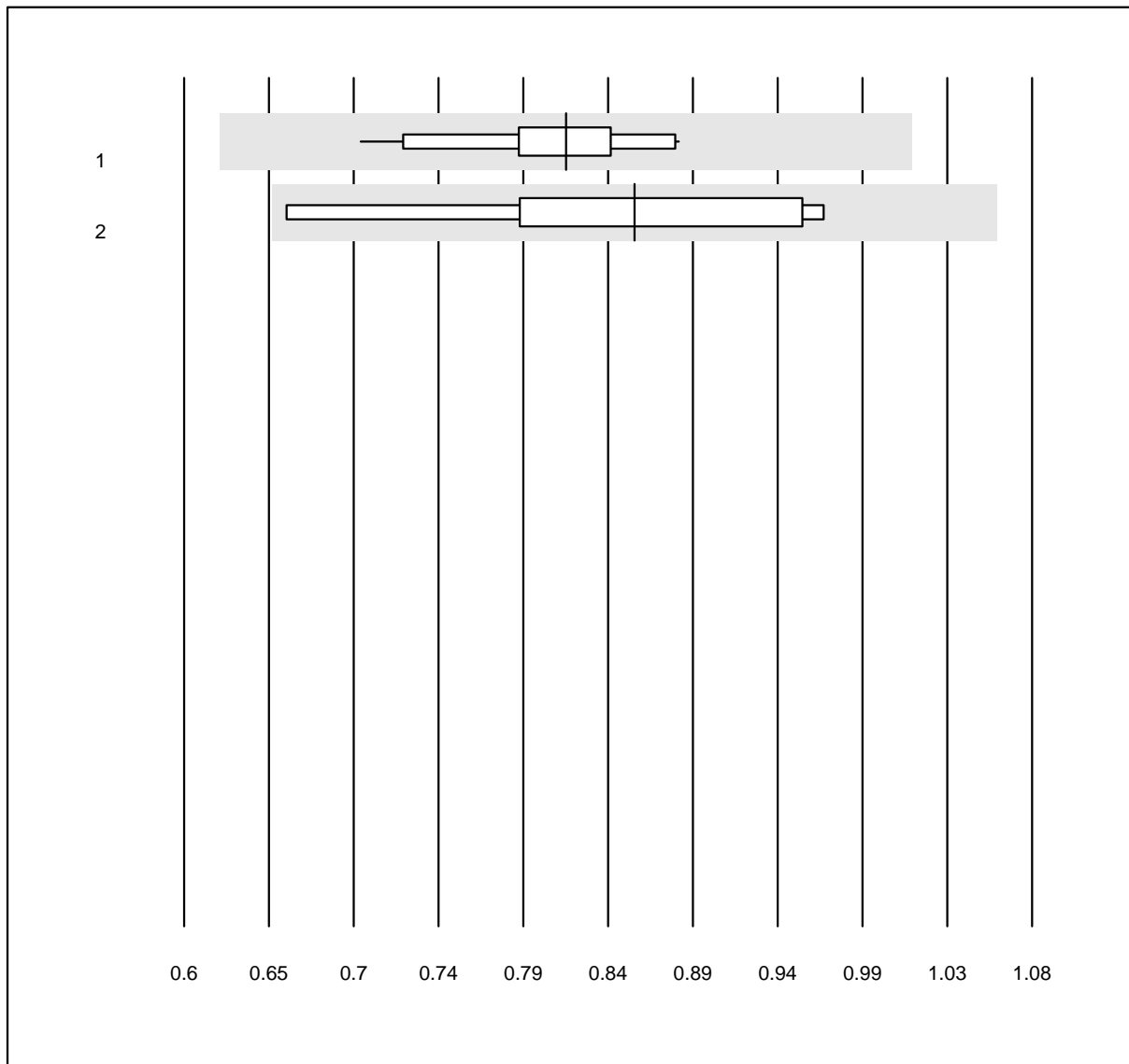
MQ Toleranz: 25%

Vancomycin (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	6	100.0	0.0	0.0	19.1	4.6	e
2 Siemens	5	100.0	0.0	0.0	22.5	21.0	a*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Cystatin C



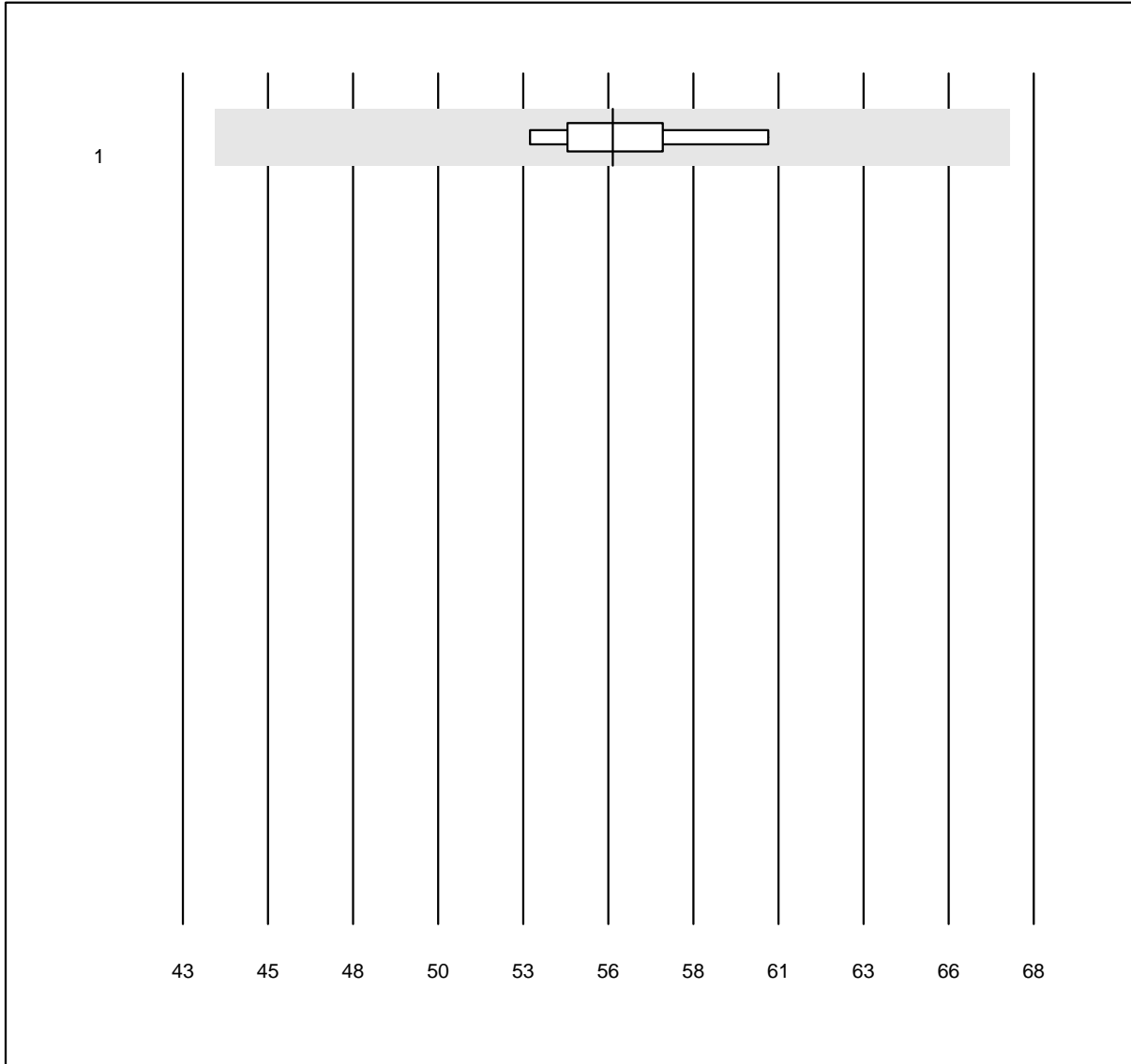
MQ Toleranz: 24%

Cystatin C (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	20	100.0	0.0	0.0	0.82	5.8	e
2 Nephelometry	8	87.5	0.0	12.5	0.85	11.3	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Ammonia



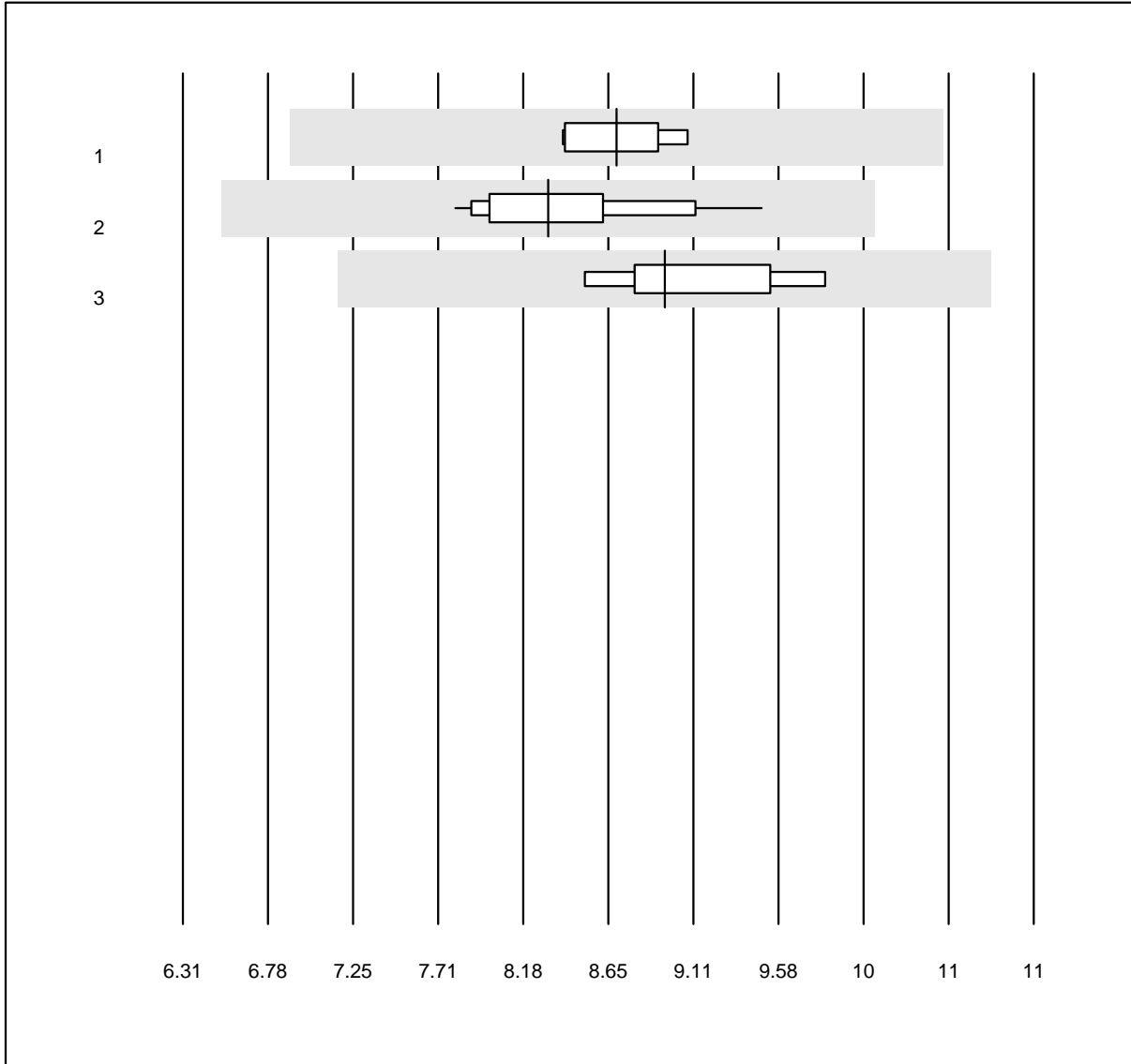
QUALAB Toleranz: 21%

Ammonia (μmol/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Roche	9	100.0	0.0	0.0	55.6	3.8	e

3 additional results were submitted but not published because the method groups were too small. (< results per group)

Ethanol



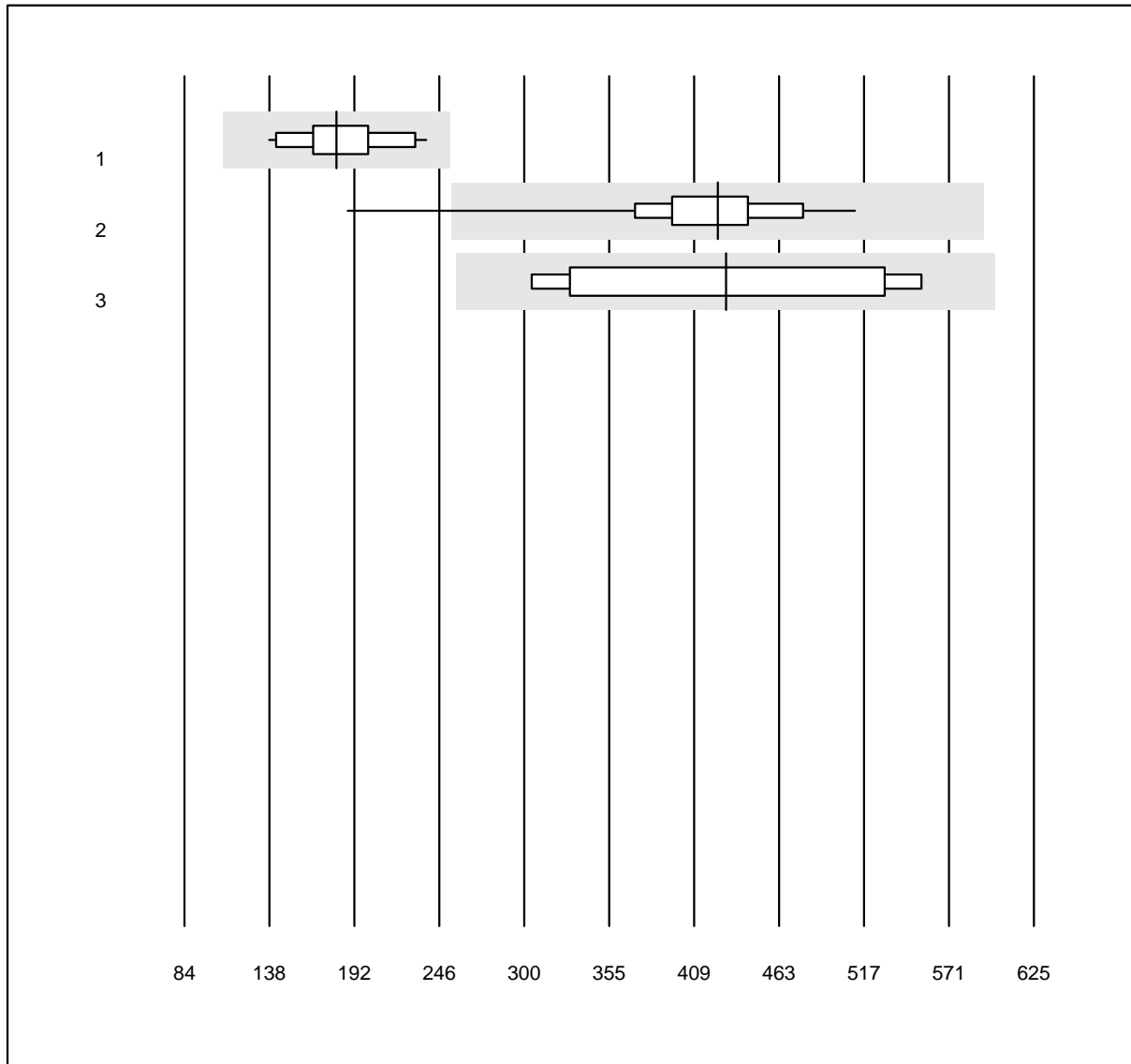
QUALAB Toleranz: 18%
(< 10.0: +/- 1.8 mmol/l)

Ethanol (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	8.7	3.2	e
2 Roche	28	100.0	0.0	0.0	8.3	5.4	e
3 Siemens	7	100.0	0.0	0.0	9.0	5.1	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Calprotectin



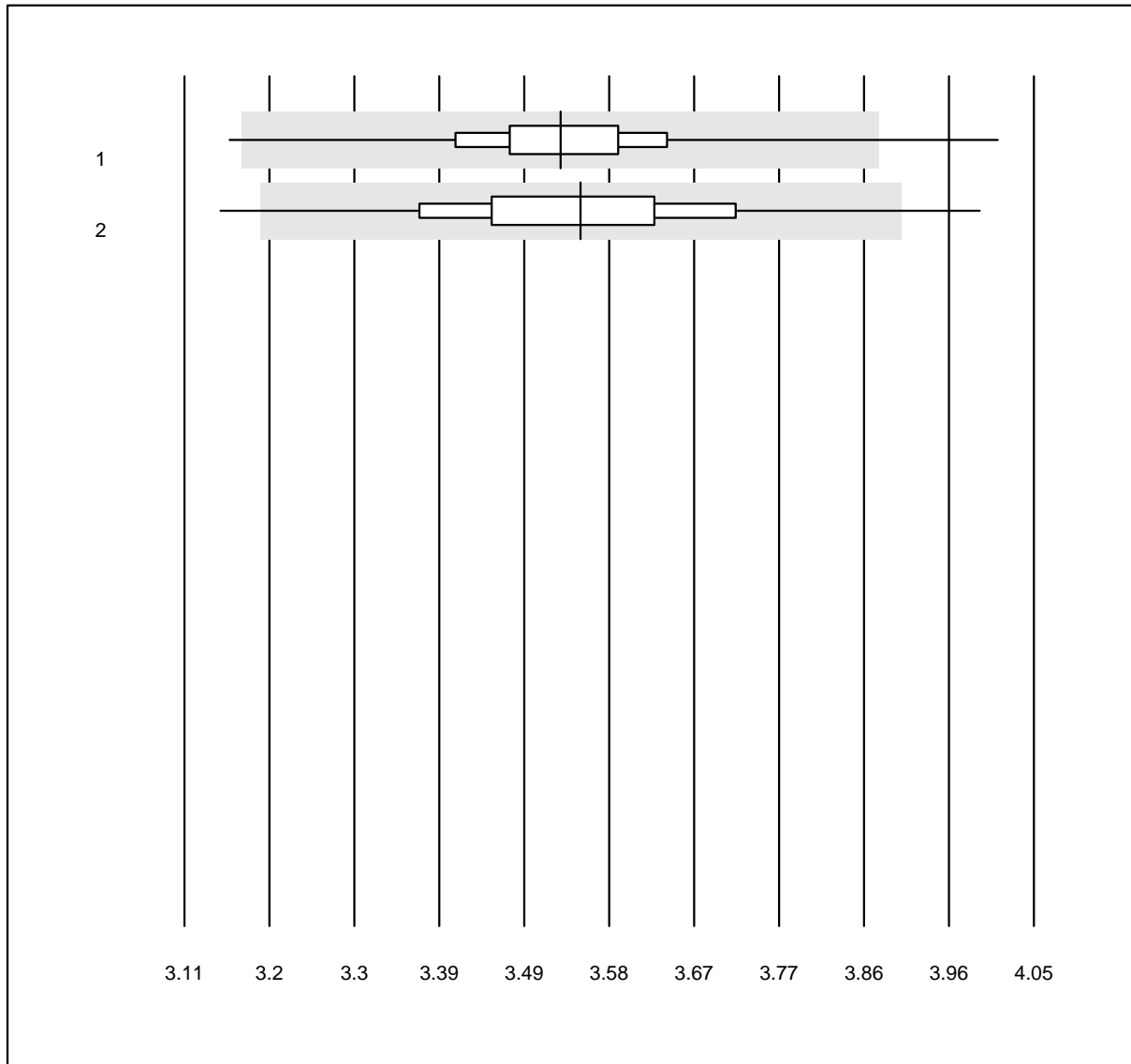
MQ Toleranz: 40%

Calprotectin (µg/g)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Liaison	13	84.6	0.0	15.4	181	14.6	e
2 Bühlmann fCALturbo	21	85.7	4.8	9.5	424	15.8	e
3 Bühlmann Quantum Blue	5	100.0	0.0	0.0	429	23.6	e*

3 additional results were submitted but not published because the method groups were too small. (< results per group)

Cholesterol total Af/b101

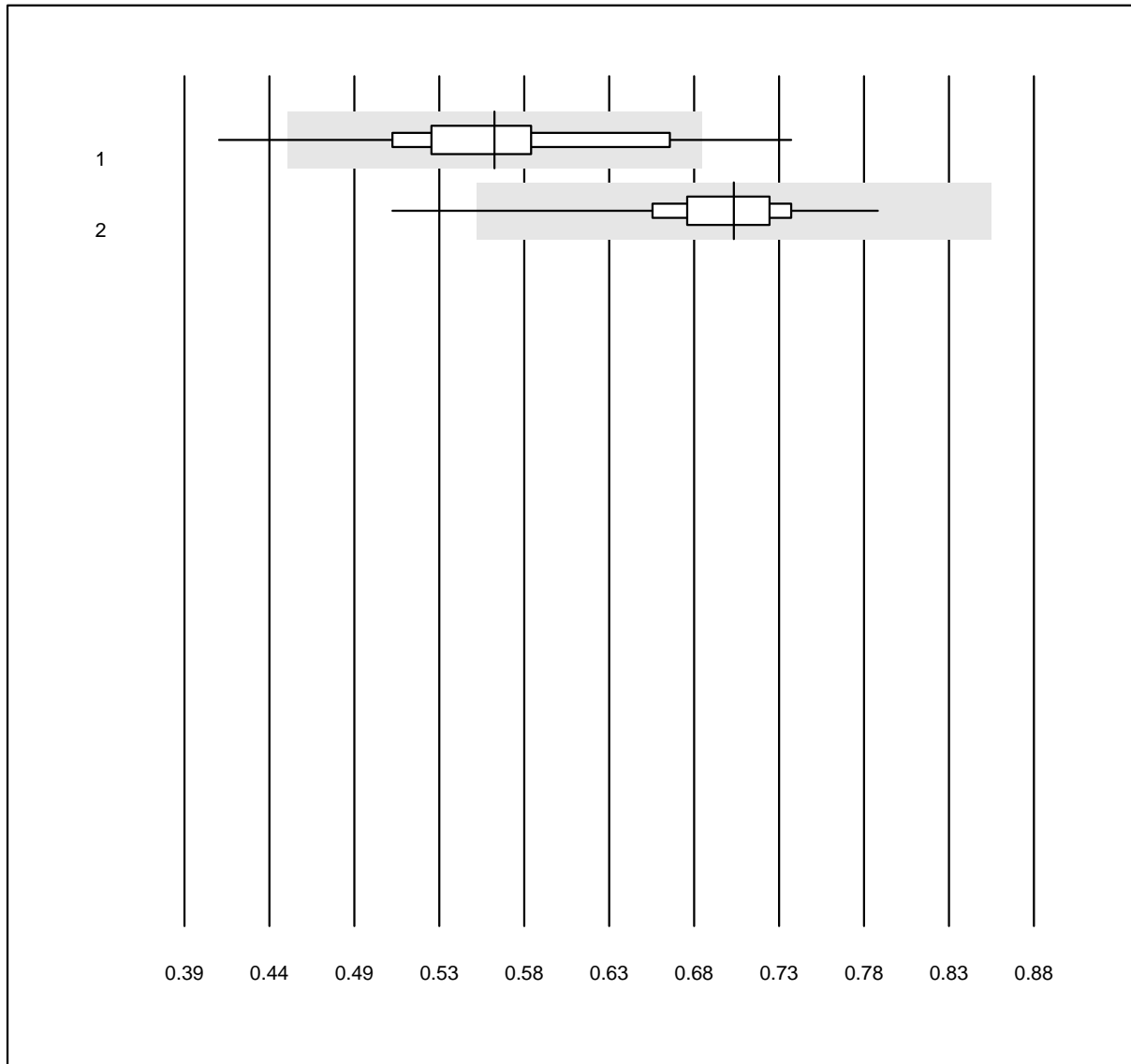


QUALAB Toleranz: 10%

Cholesterol total Af/b101
(mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cobas b101	356	98.9	0.8	0.3	3.53	2.8	e
2 Afinion	486	97.1	1.2	1.6	3.55	3.9	e

HDL-Cholesterol Af/b101

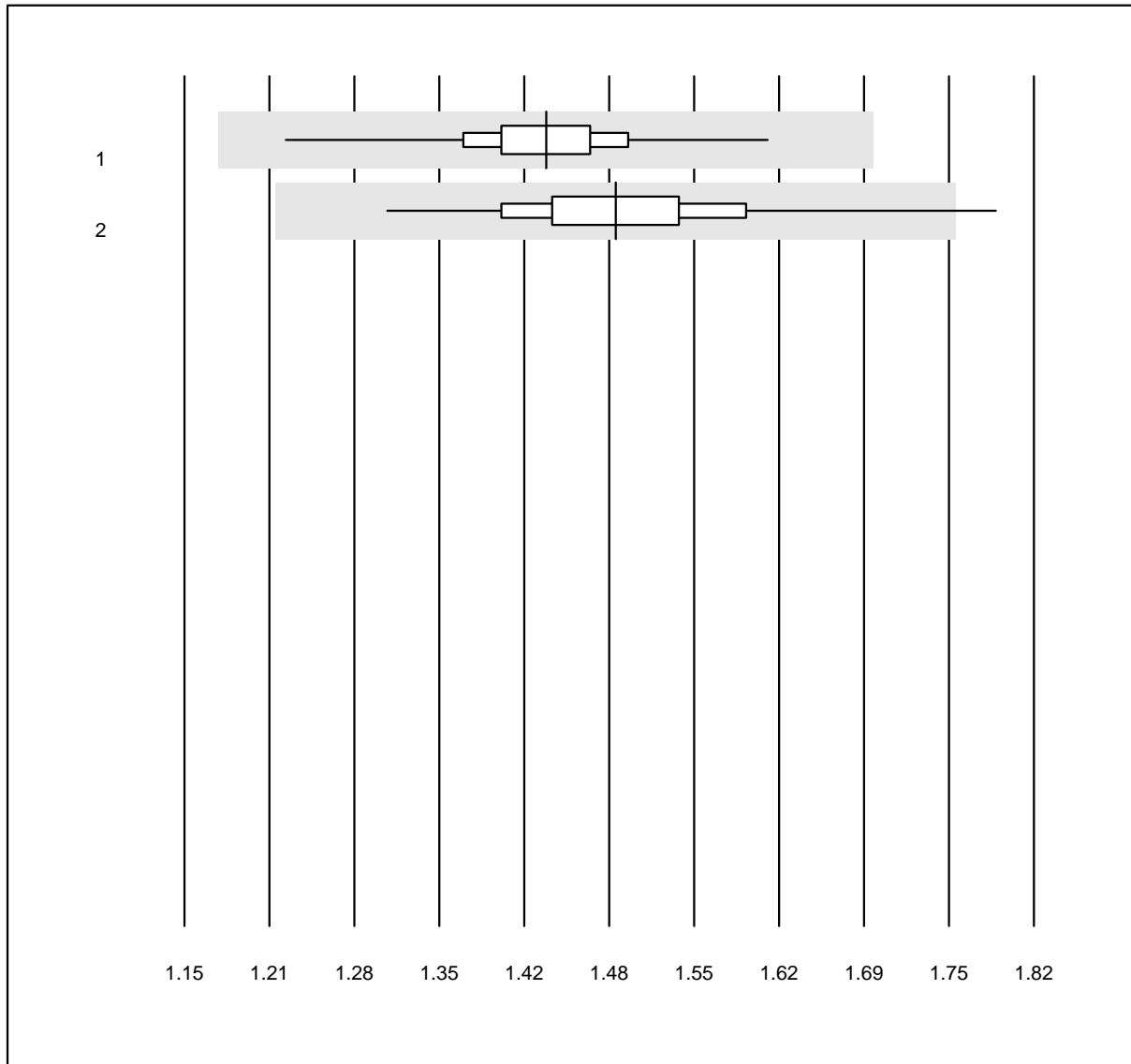


QUALAB Toleranz: 21%

HDL-Cholesterol Af/b101
(mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cobas b101	354	90.7	6.5	2.8	0.57	9.9	e
2 Afinion	486	94.9	0.6	4.5	0.71	4.9	e

Tryglycerides Af/b101

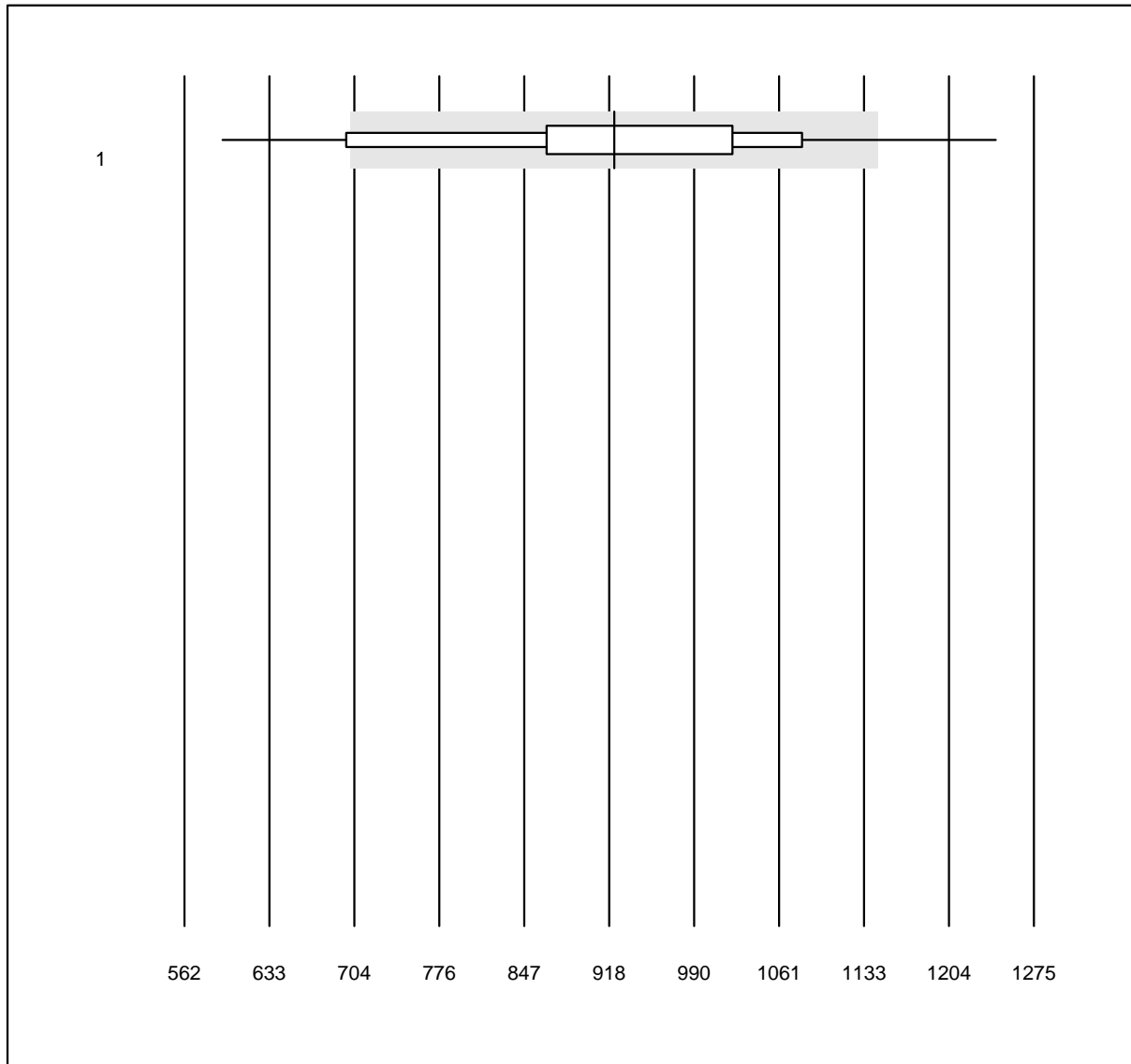


QUALAB Toleranz: 18%

Tryglycerides Af/b101
(mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cobas b101	355	99.4	0.0	0.6	1.44	3.6	e
2 Afinion	487	99.6	0.2	0.2	1.49	5.2	e

Troponin I AFIAS

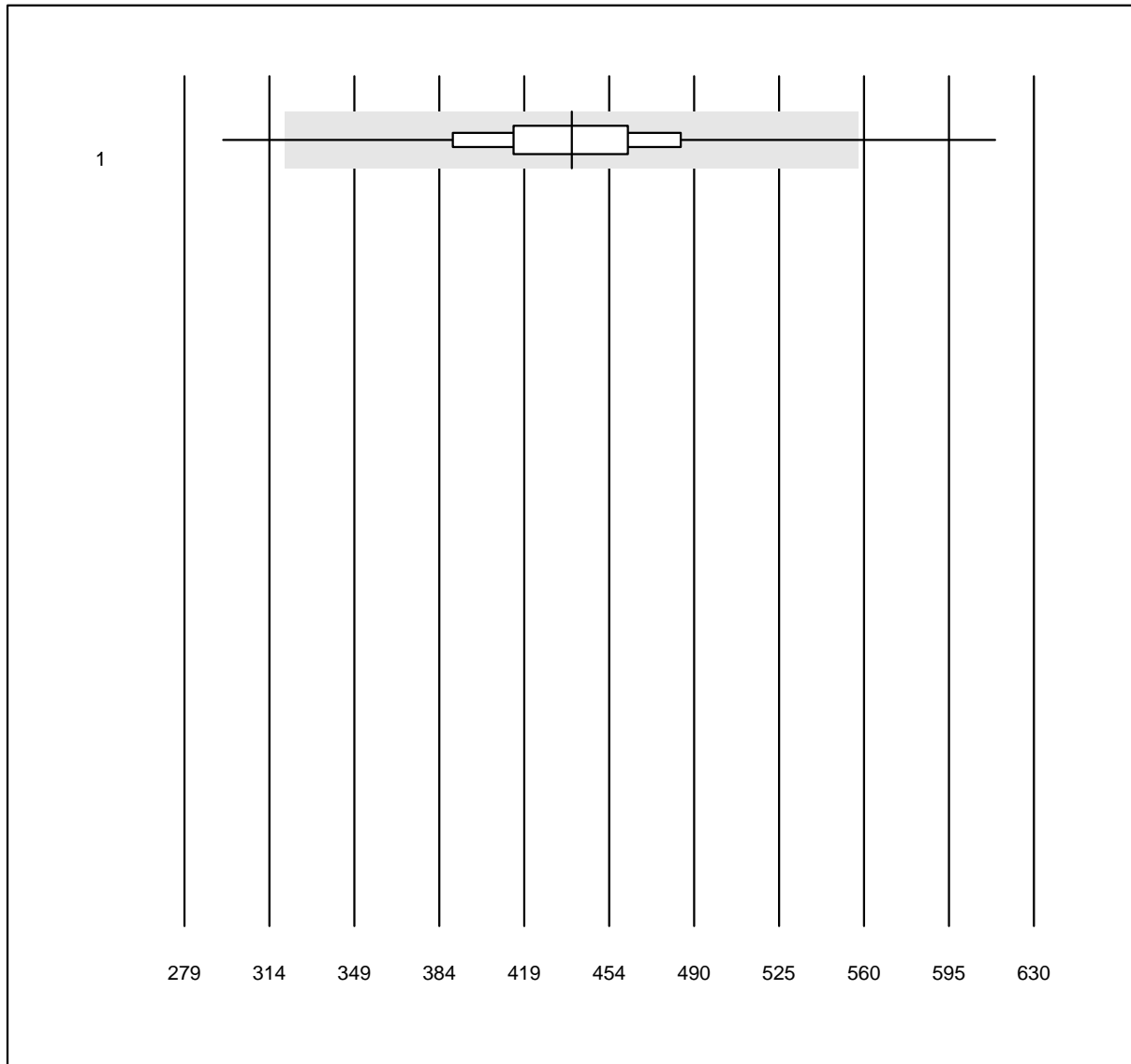


QUALAB Toleranz: 24%

Troponin I AFIAS (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 AFIAS	695	77.1	11.4	11.5	922.84	14.6	e

NT-proBNP AFIAS

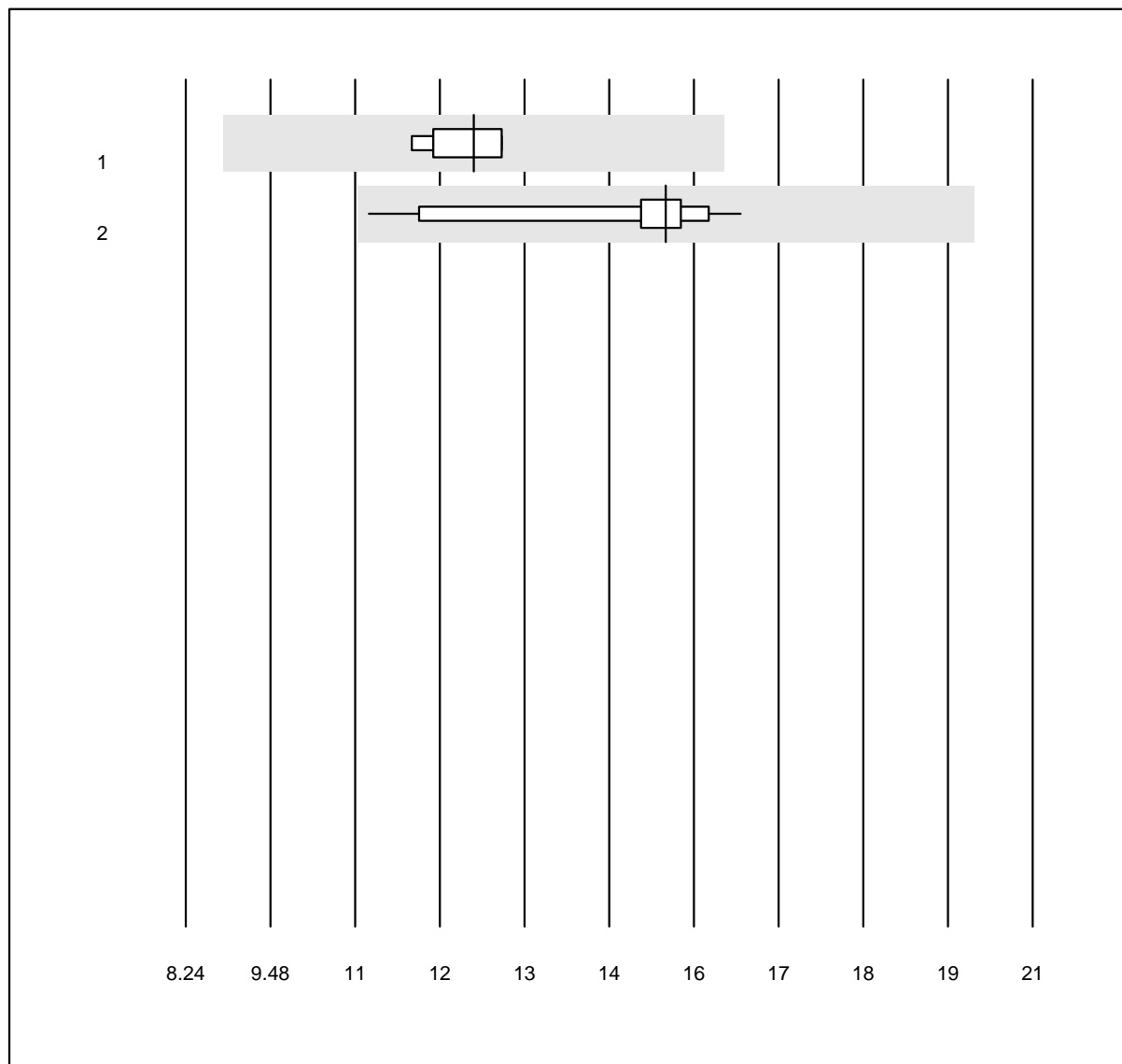


QUALAB Toleranz: 27%

NT-proBNP AFIAS (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 AFIAS	542	93.4	2.2	4.4	439.1	9.7	e

Homocystein

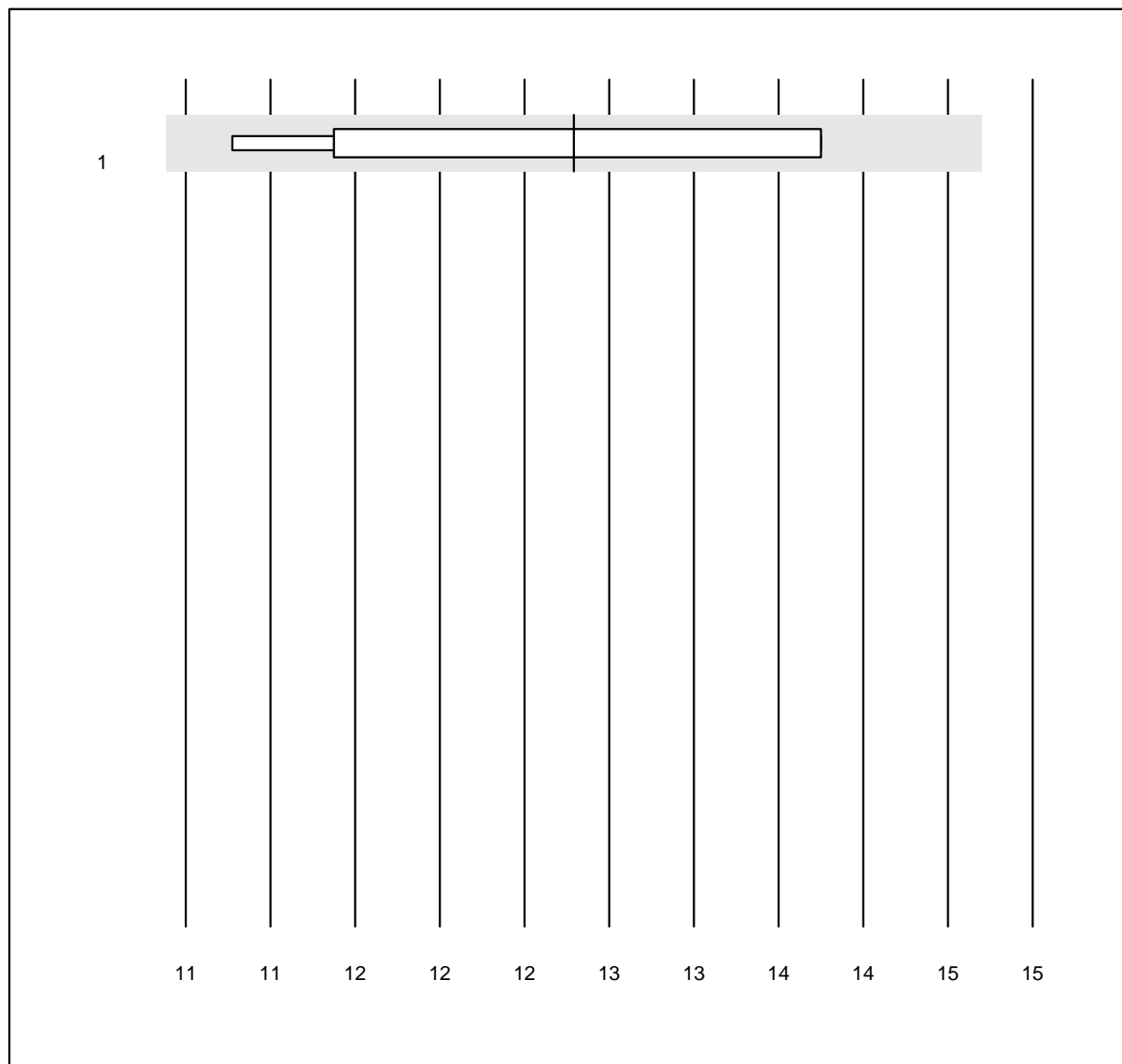


MQ Toleranz: 30%

Homocystein (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	7	100.0	0.0	0.0	12.6	4.3	e
2 Roche	15	100.0	0.0	0.0	15.5	9.7	e

Bicarbonat



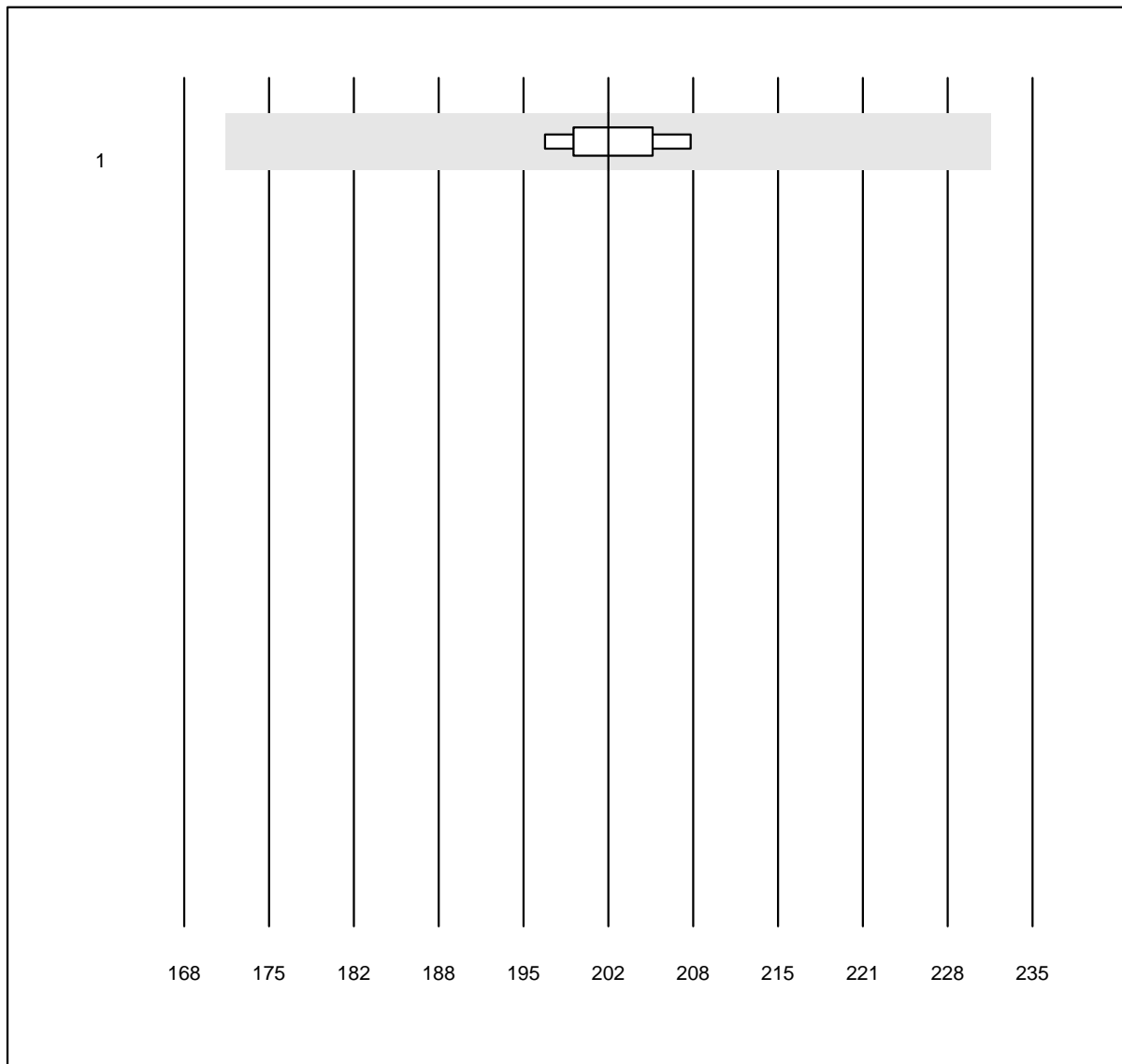
MQ Toleranz: 15%

Bicarbonat (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	7	100.0	0.0	0.0	12.8	8.9	e*

3 additional results were submitted but not published because the method groups were too small. (< results per group)

Fructosamine



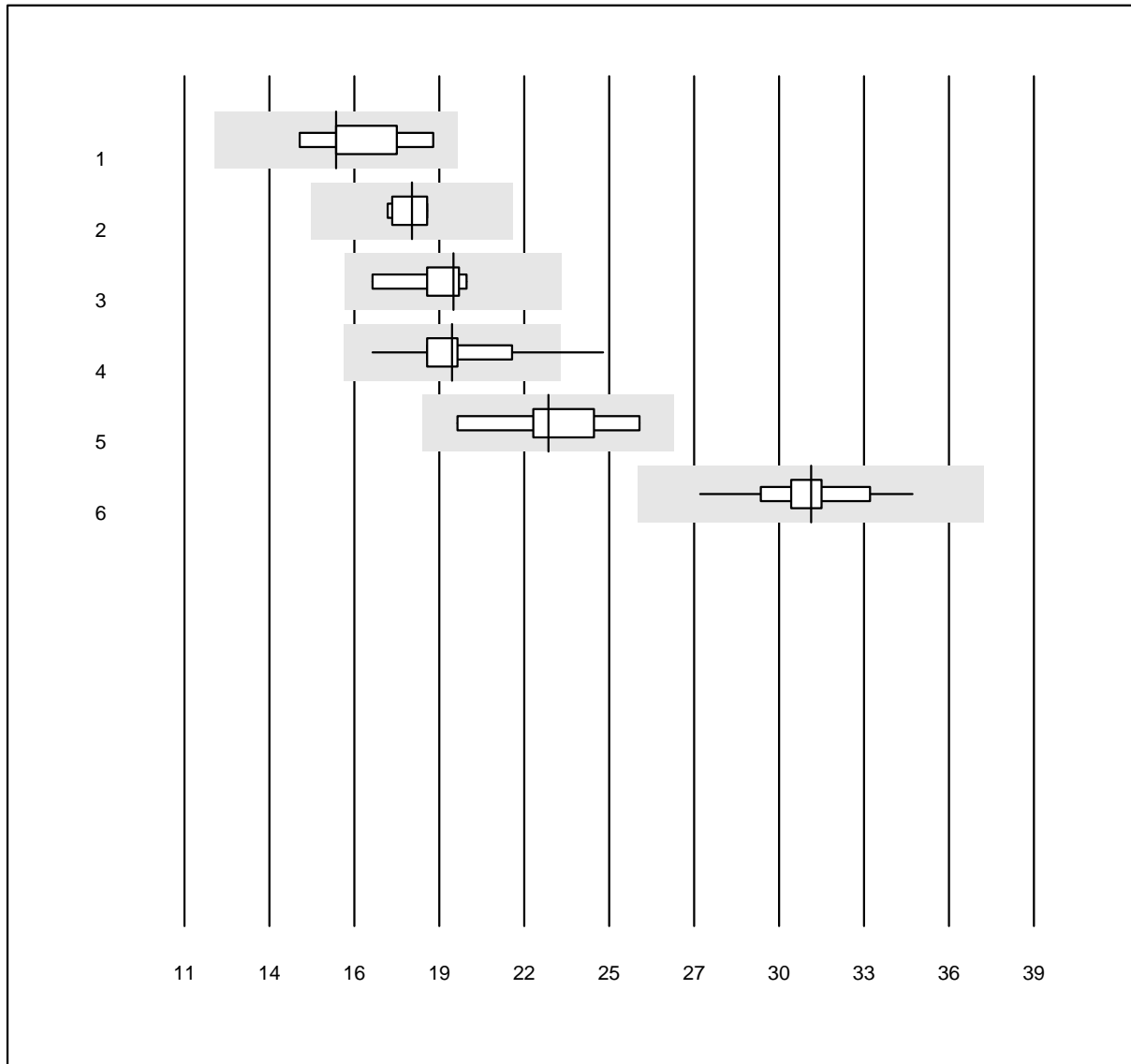
MQ Toleranz: 15%

Fructosamine (µmol/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Standard chemistry	4	100.0	0.0	0.0	202	1.6	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Lipase



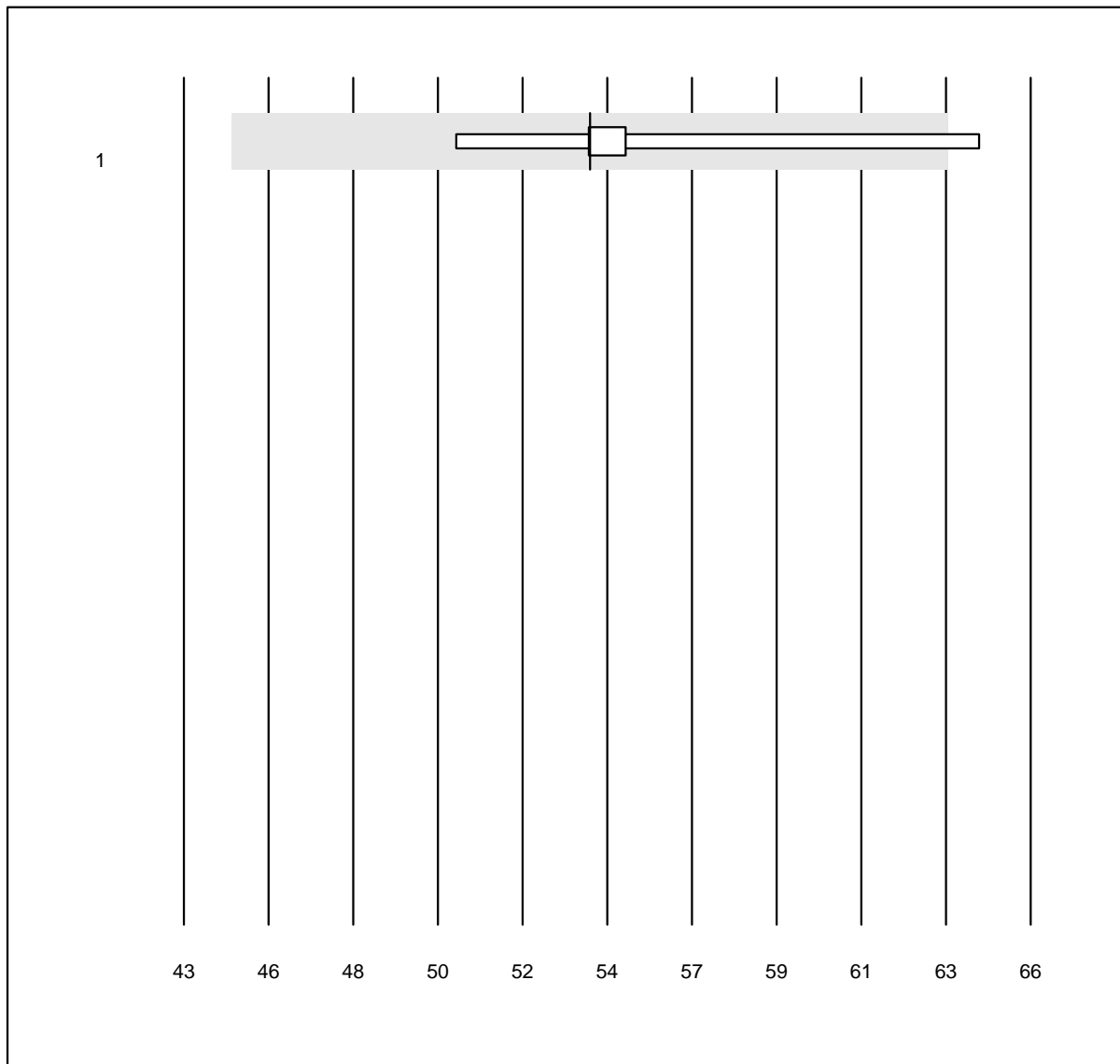
QUALAB Toleranz: 18%
(< 18.0: +/- 4.0 U/l)

Lipase (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	7	100.0	0.0	0.0	16.0	8.4	e*
2 Beckman	4	100.0	0.0	0.0	18.5	3.5	e
3 Roche	9	100.0	0.0	0.0	19.9	5.0	e
4 Roche	41	95.1	4.9	0.0	19.8	6.9	e
5 Siemens	9	100.0	0.0	0.0	23.0	7.4	e*
6 Fuji Dri-Chem	135	98.5	0.0	1.5	31.7	4.1	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Lipase Vitros

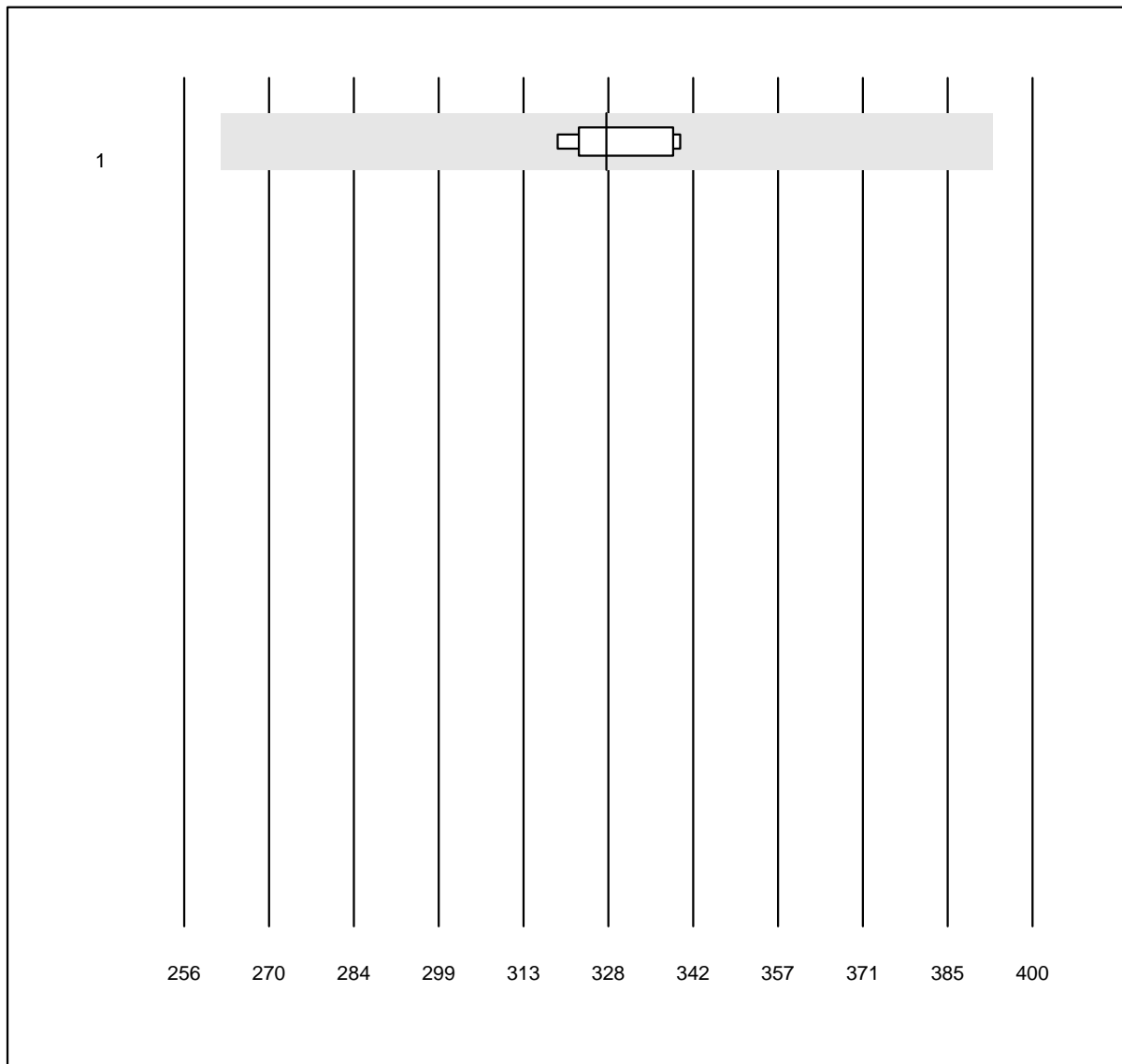


QUALAB Toleranz: 18%

Lipase Vitros (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Vitros	7	100.0	0.0	0.0	54.0	6.8	e*

Albumine CSF



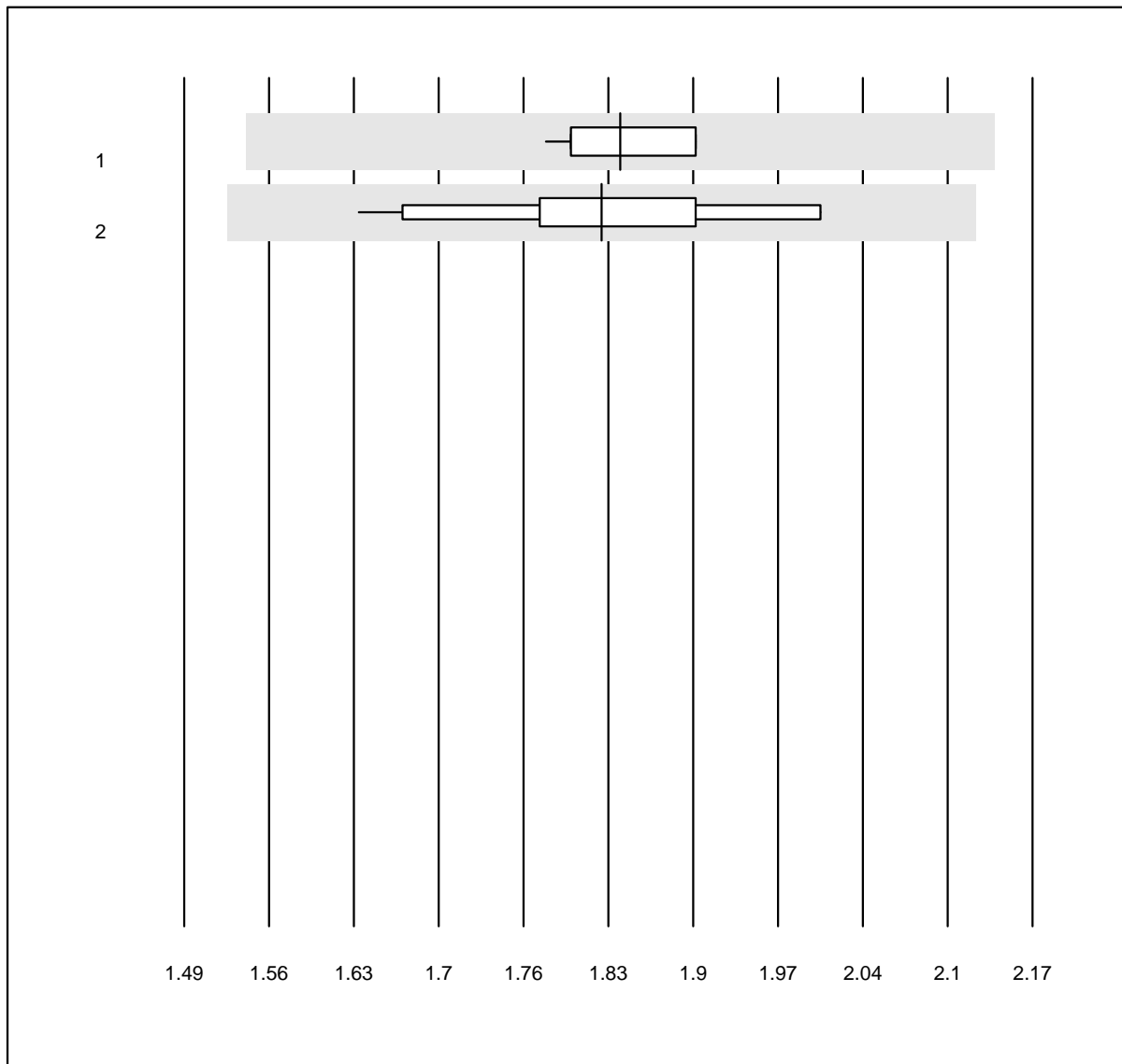
MQ Toleranz: 20%

Albumine CSF (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	7	100.0	0.0	0.0	327.67	2.3	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Glucose CSF

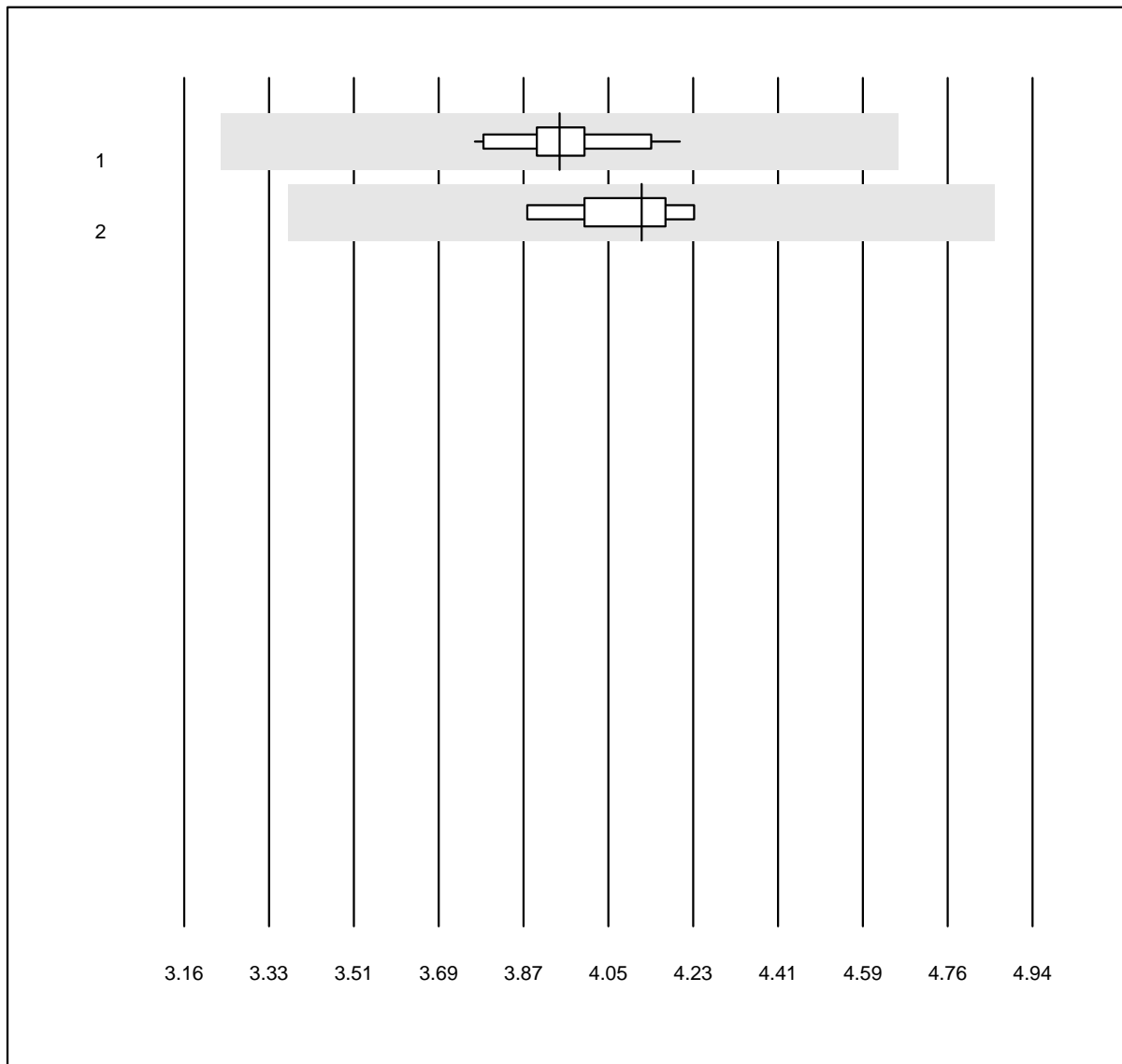


QUALAB Toleranz: 9%
(< 3.3: +/- 0.3 mmol/l)

Glucose CSF (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	23	100.0	0.0	0.0	1.84	2.4	e
2 Other methods	14	100.0	0.0	0.0	1.82	5.9	e

Lactate CSF



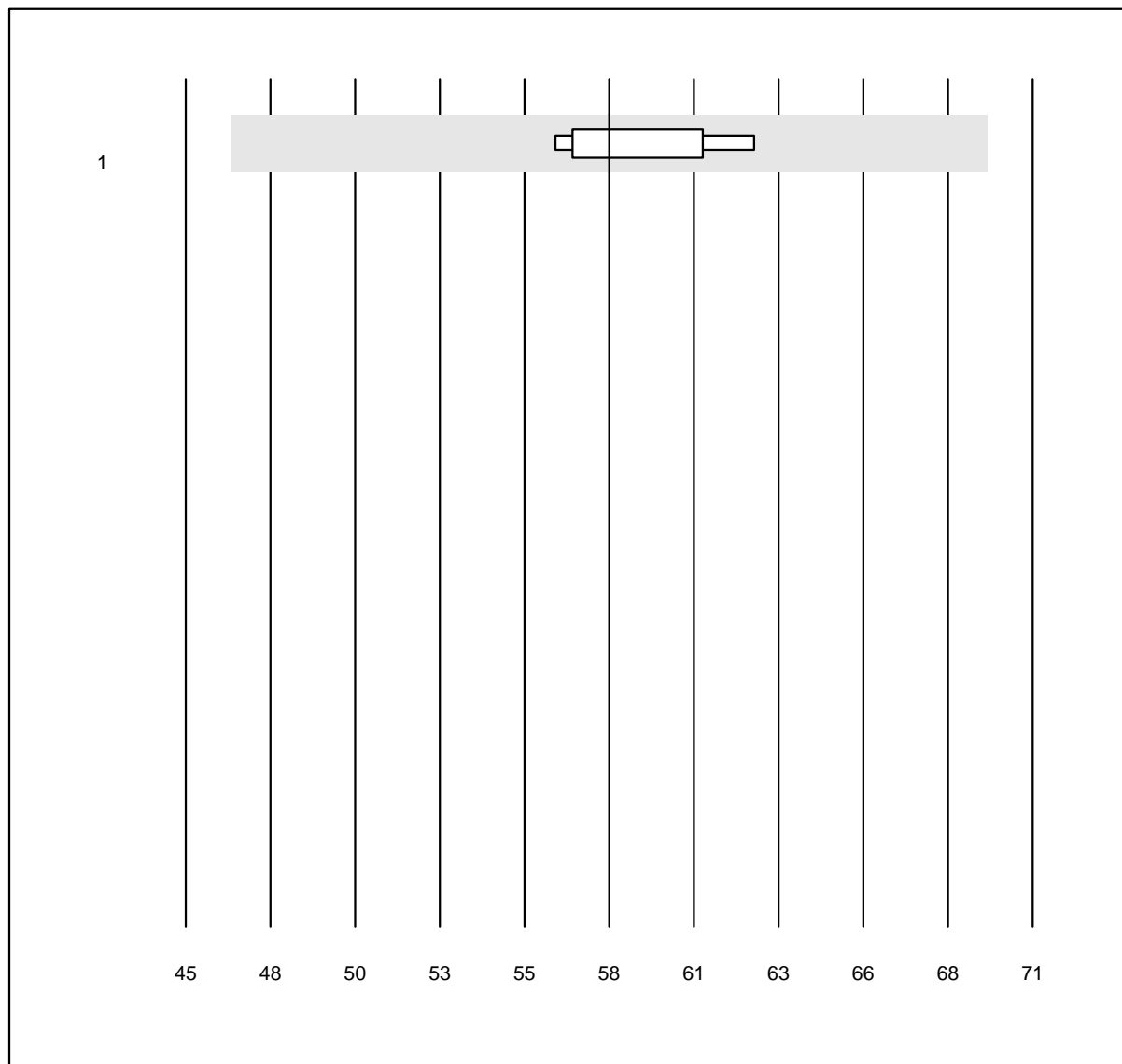
QUALAB Toleranz: 18%

Lactate CSF (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	15	100.0	0.0	0.0	3.95	2.8	e
2 Other methods	7	100.0	0.0	0.0	4.12	2.7	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

LDH CSF

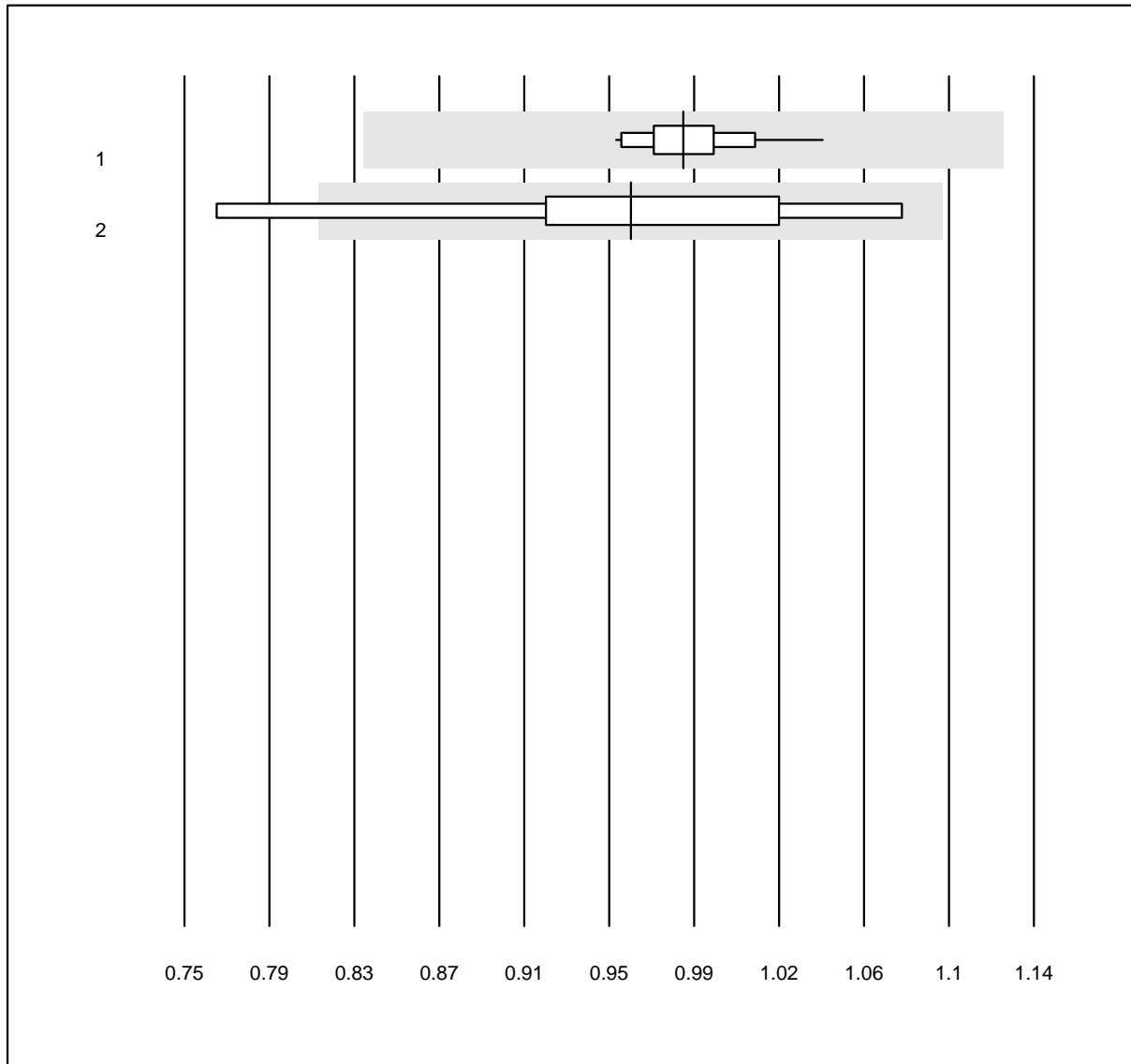


MQ Toleranz: 20%

LDH CSF (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	6	100.0	0.0	0.0	58	3.8	e

Protein CSF



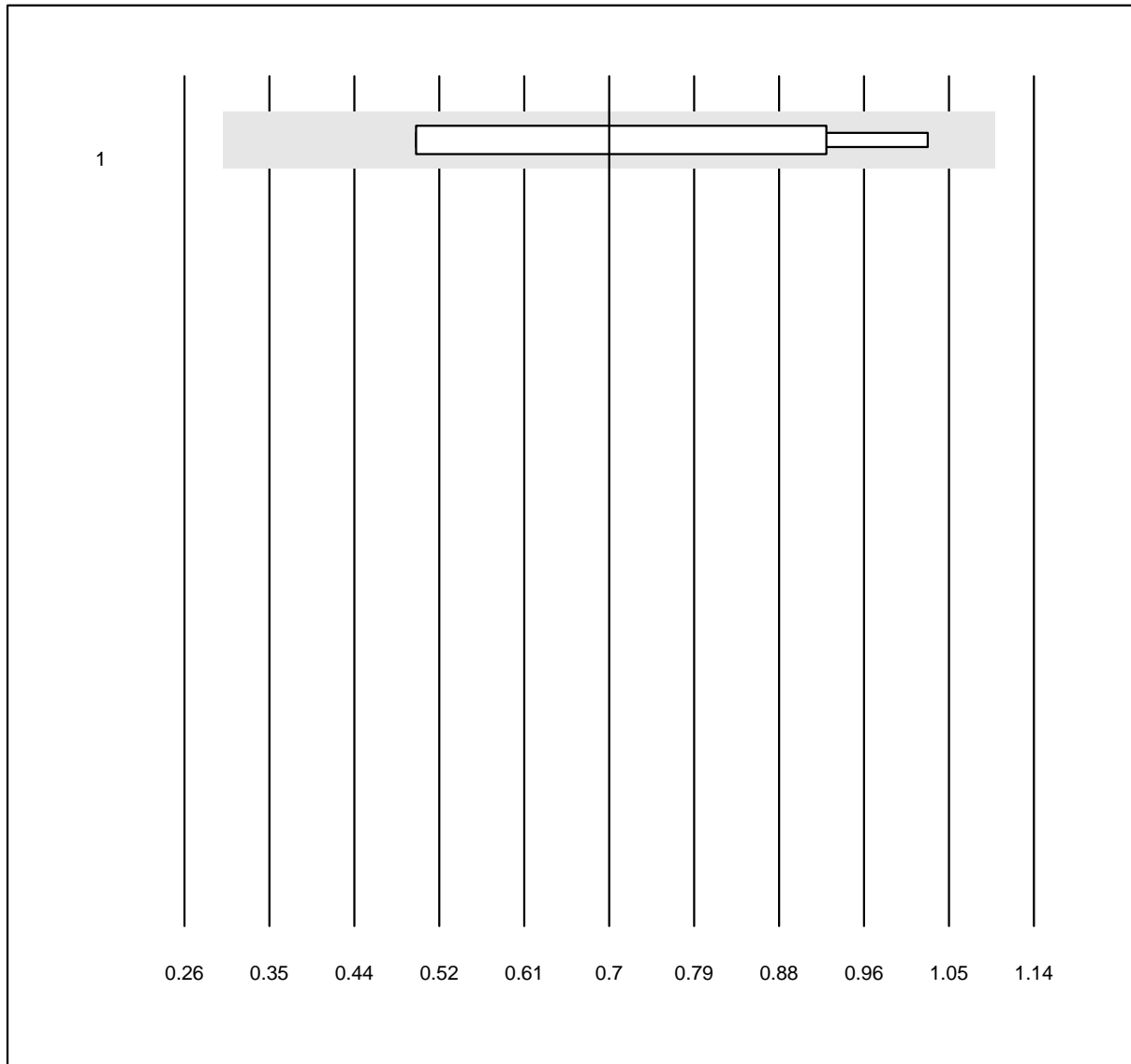
QUALAB Toleranz: 15%

Protein CSF (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	26	96.2	0.0	3.8	0.98	2.3	e
2 Other methods	7	85.7	14.3	0.0	0.95	9.6	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

CDT



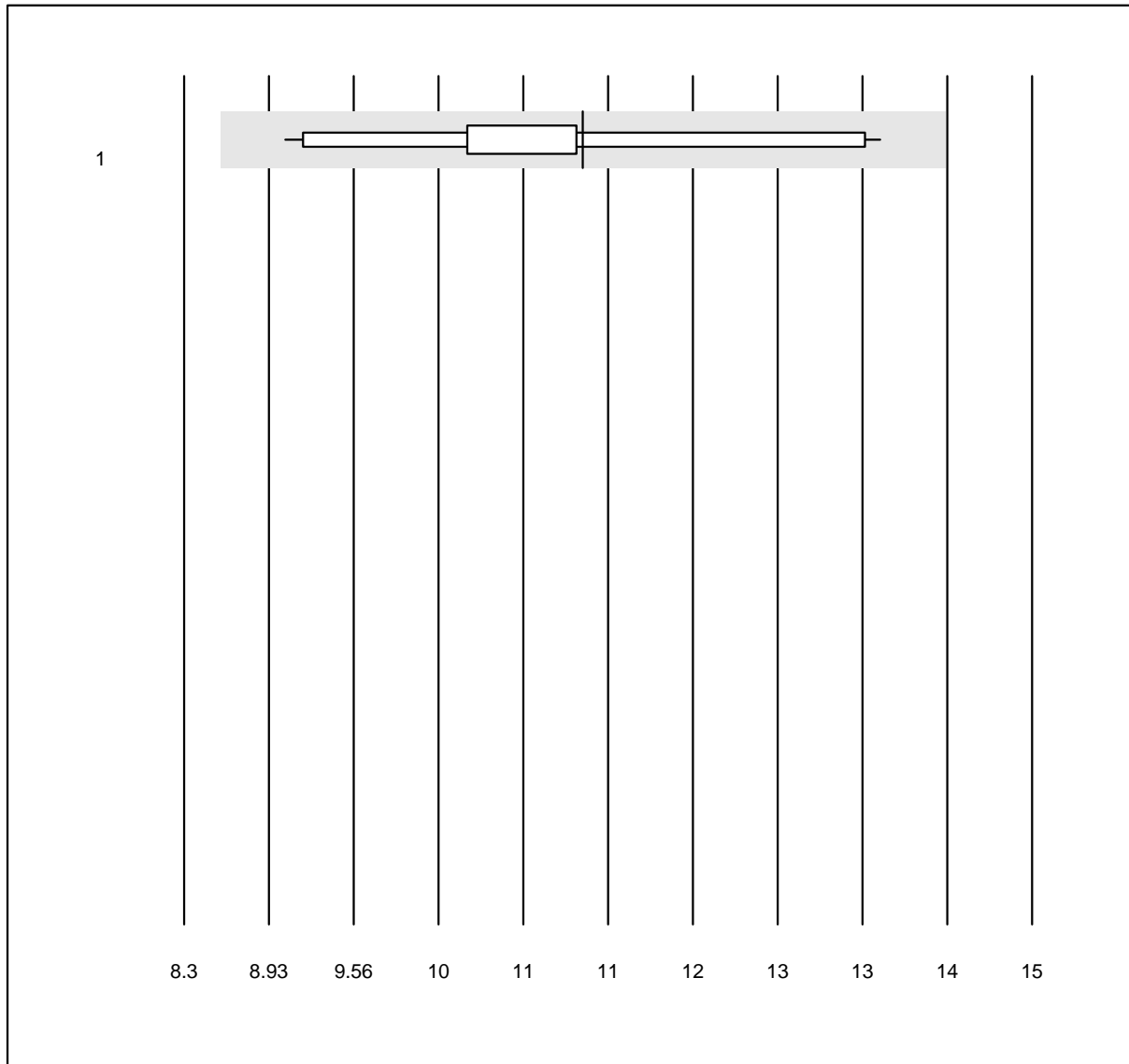
MQ Toleranz: 20%
(< 0.9: +/- 0.4 %)

CDT (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Other methods	7	85.7	0.0	14.3	0.7	31.3	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Tacrolimus

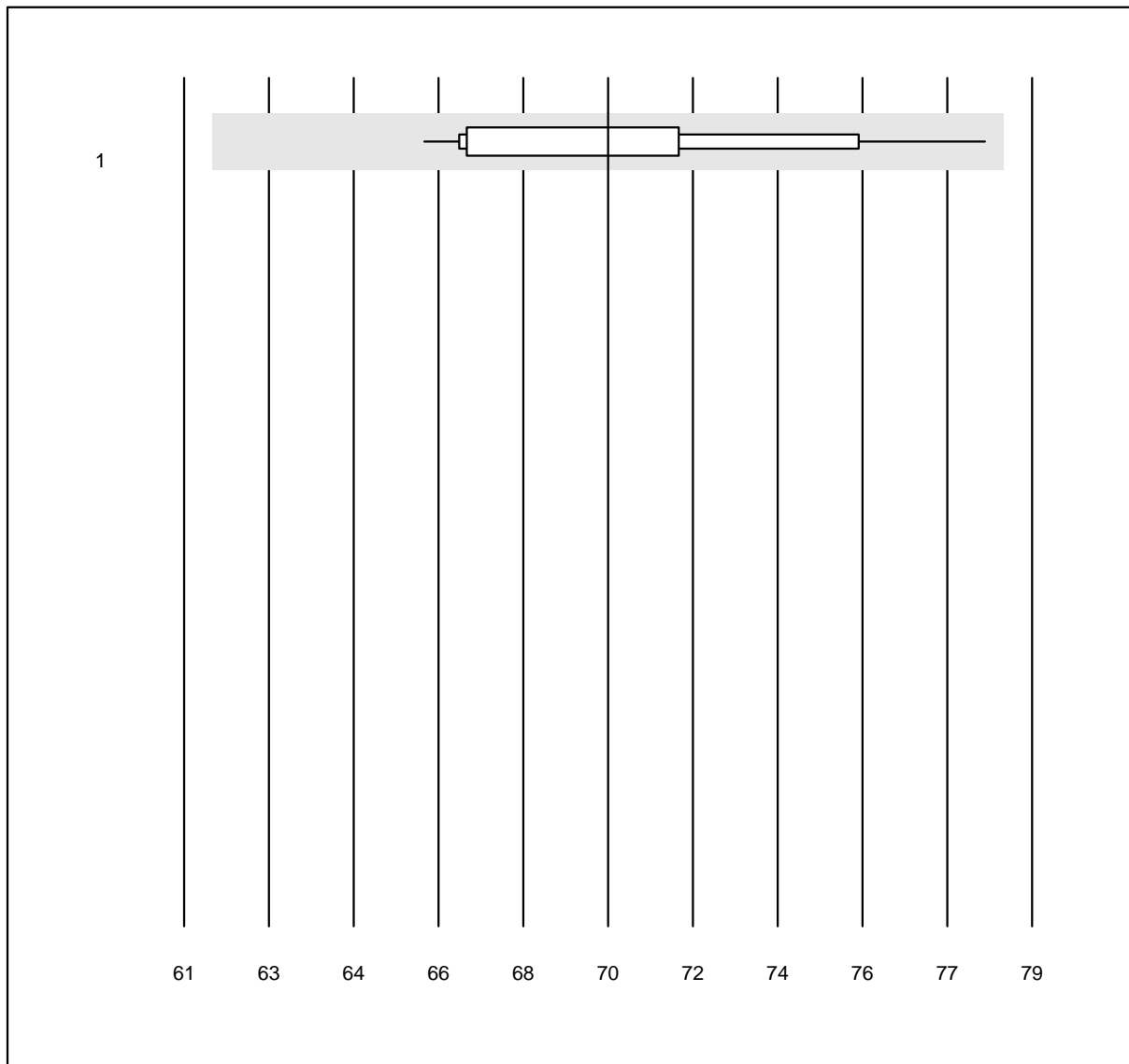


MQ Toleranz: 25%

Tacrolimus (µg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 all Participants	10	100.0	0.0	0.0	11.4	11.5 a*

Totalprotein E

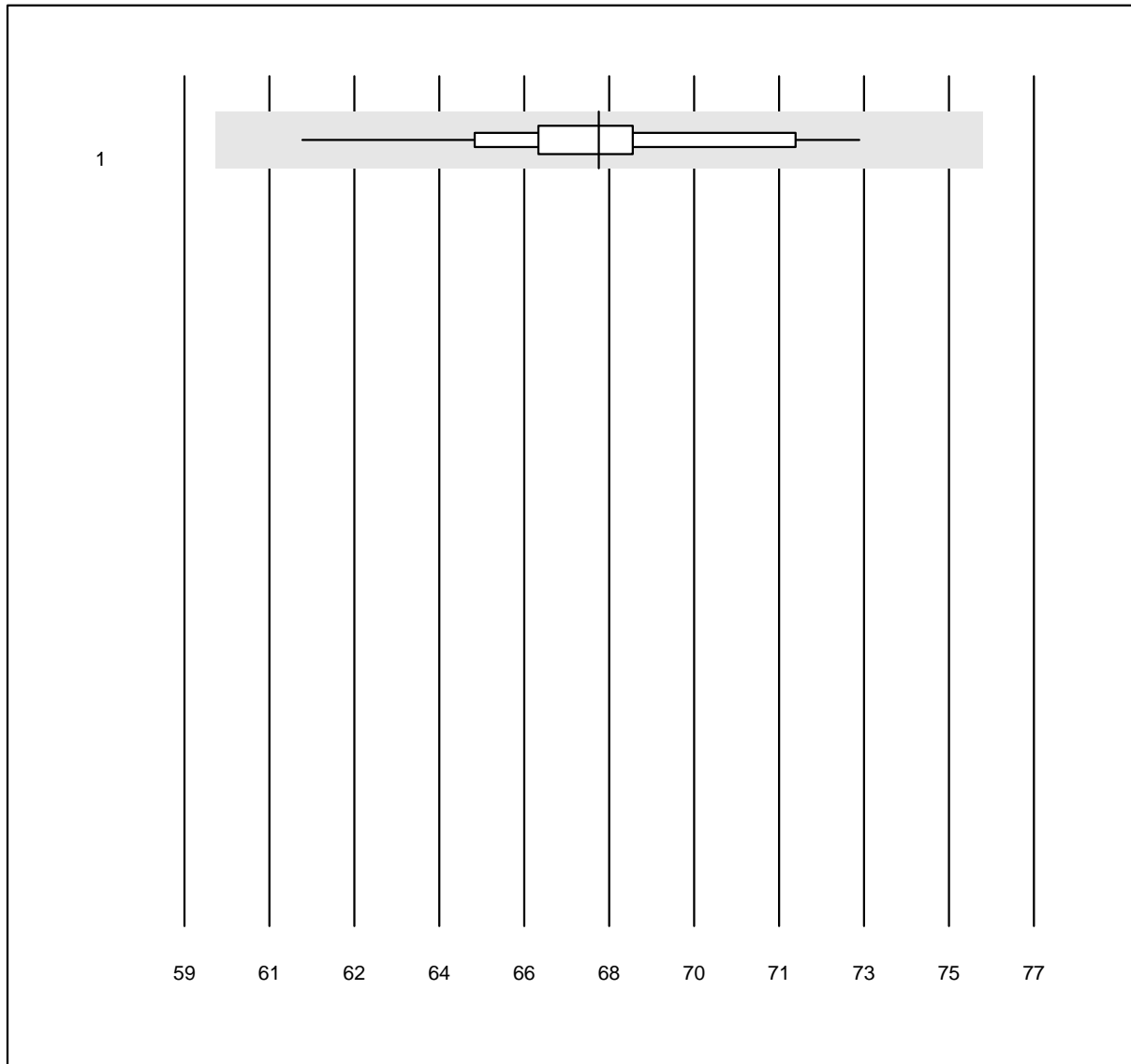


MQ Toleranz: 12%

Totalprotein E (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	21	100.0	0.0	0.0	70.0	4.5	a

Albumin E

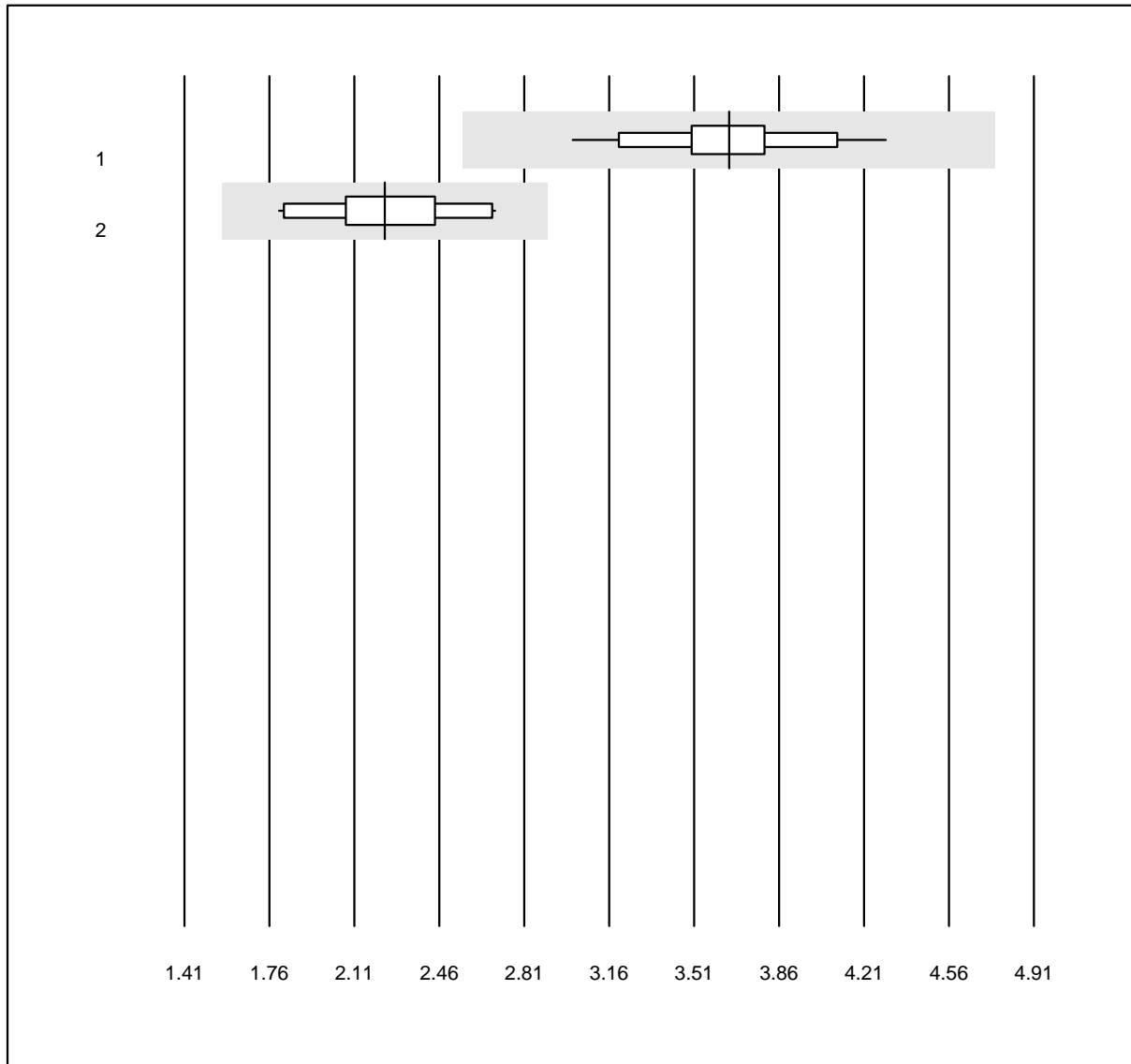


MQ Toleranz: 12%

Albumin E (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Electrophoresis	34	100.0	0.0	0.0	67.8	3.6	e

alpha-1-Globuline

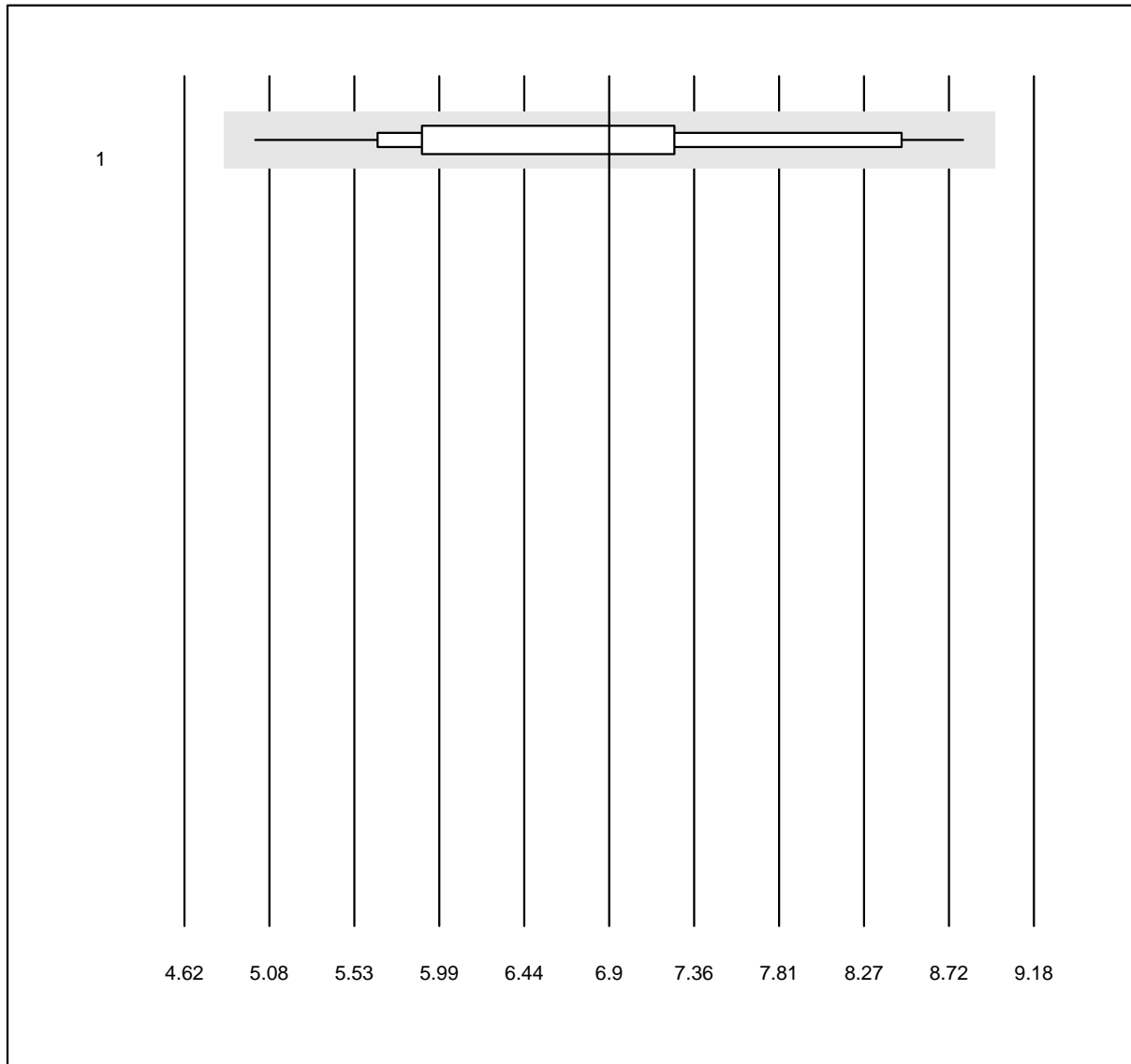


MQ Toleranz: 30%

alpha-1-Globuline (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 capillary electrophoresis	24	100.0	0.0	0.0	3.7	8.2	e
2 Electrophoresis	10	100.0	0.0	0.0	2.2	11.9	e*

alpha-2-Globuline

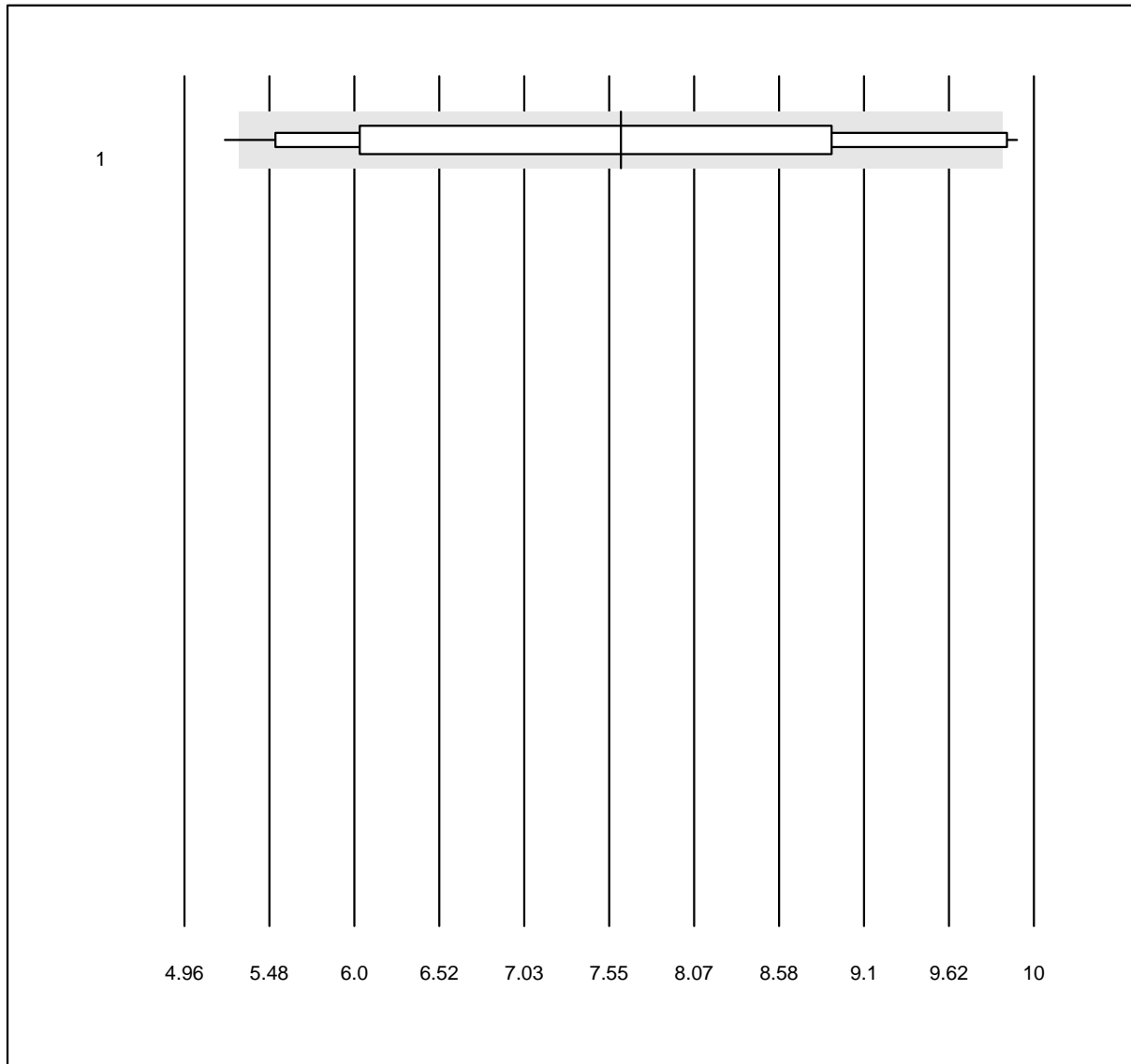


MQ Toleranz: 30%

alpha-2-Globuline (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Electrophoresis	34	94.1	0.0	5.9	6.9	15.1	a

beta-Globuline

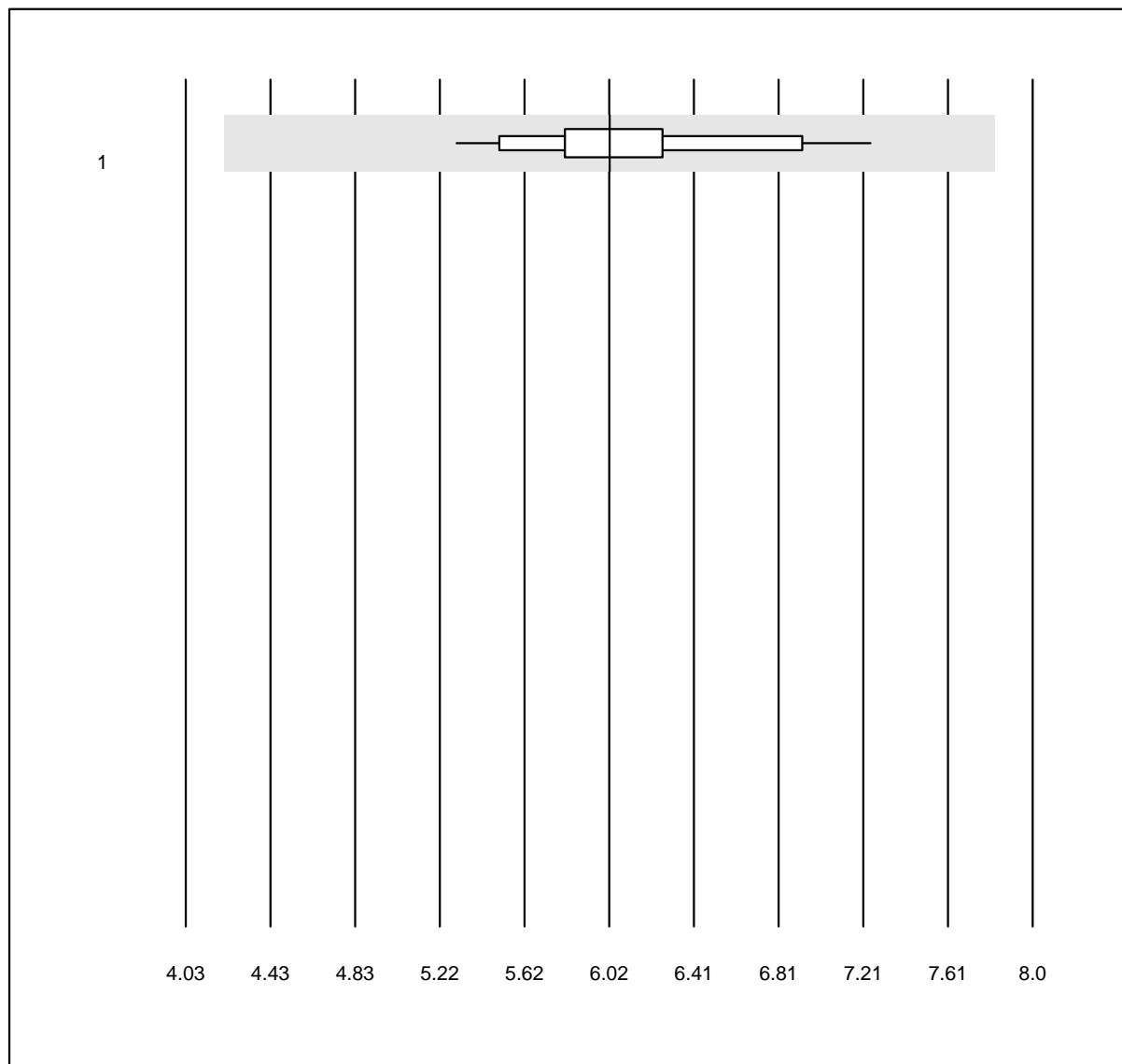


MQ Toleranz: 30%

beta-Globuline (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Electrophoresis	15	86.7	13.3	0.0	7.5	21.3	a*

Beta-1-Globulin

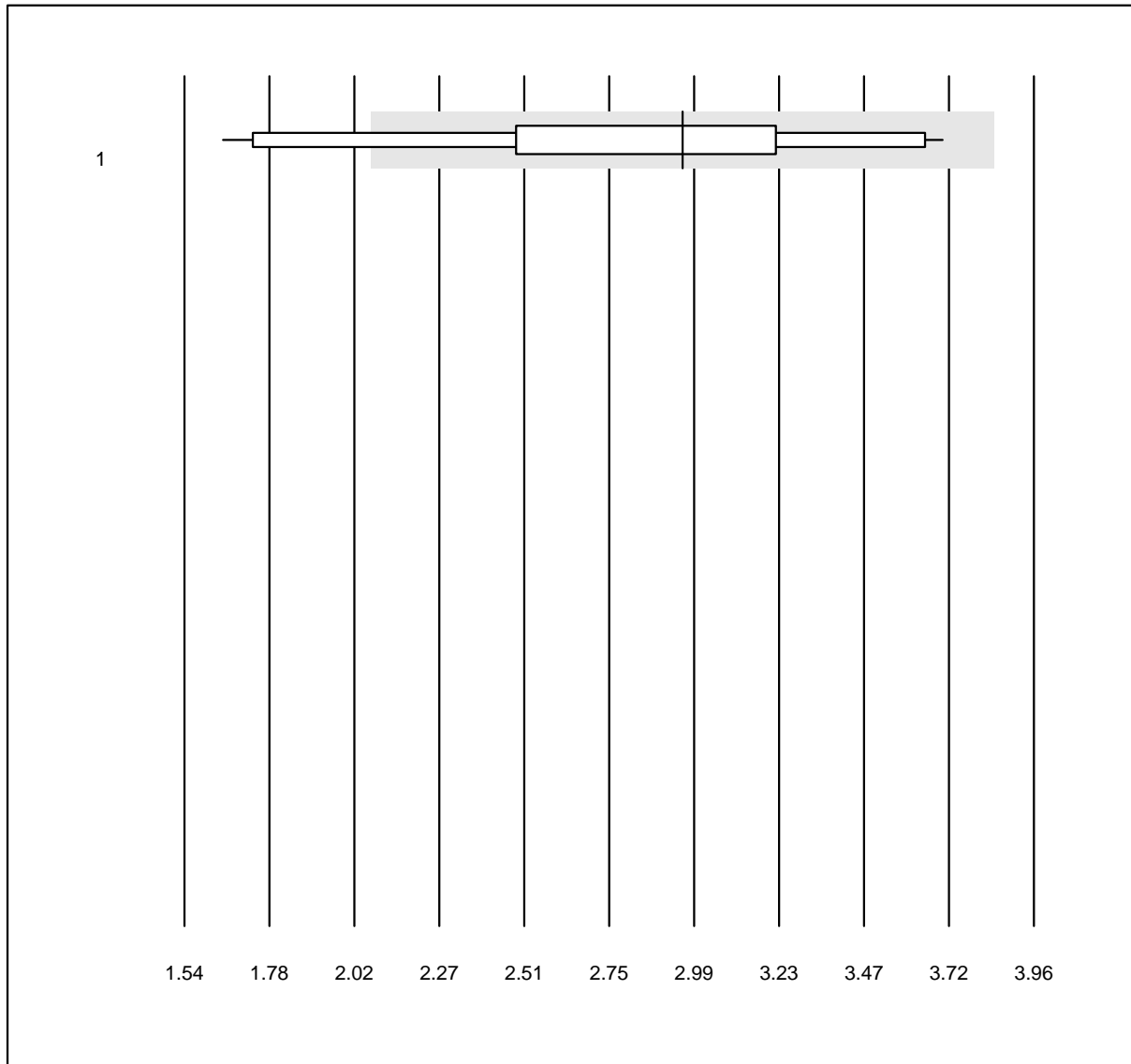


MQ Toleranz: 30%

Beta-1-Globulin (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Electrophoresis	15	93.3	0.0	6.7	6.0	7.5	e

Beta-2-Globulin

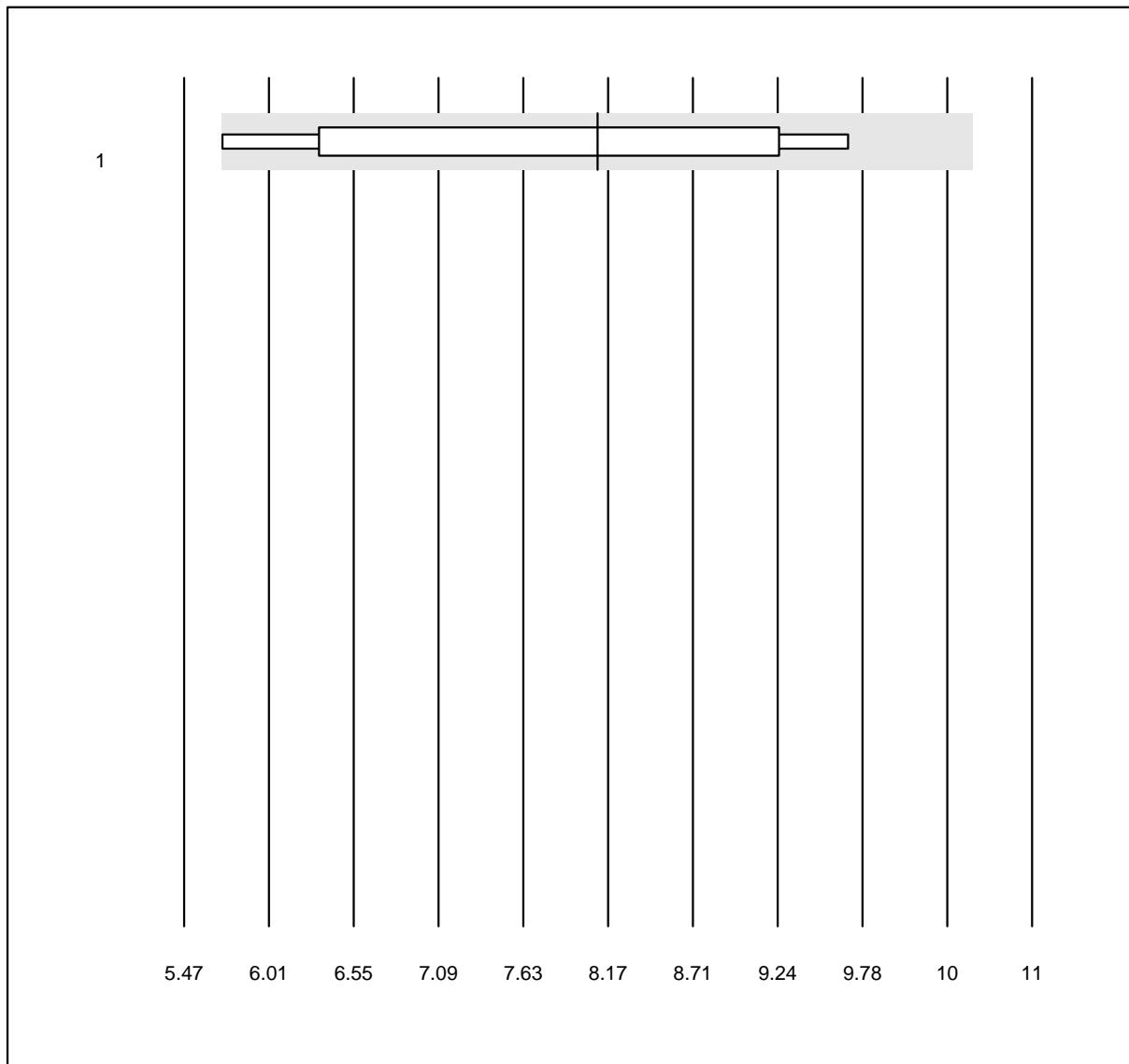


MQ Toleranz: 30%

Beta-2-Globulin (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Electrophoresis	15	80.0	13.3	6.7	3.0	21.4	e*

Beta-Globuline+P

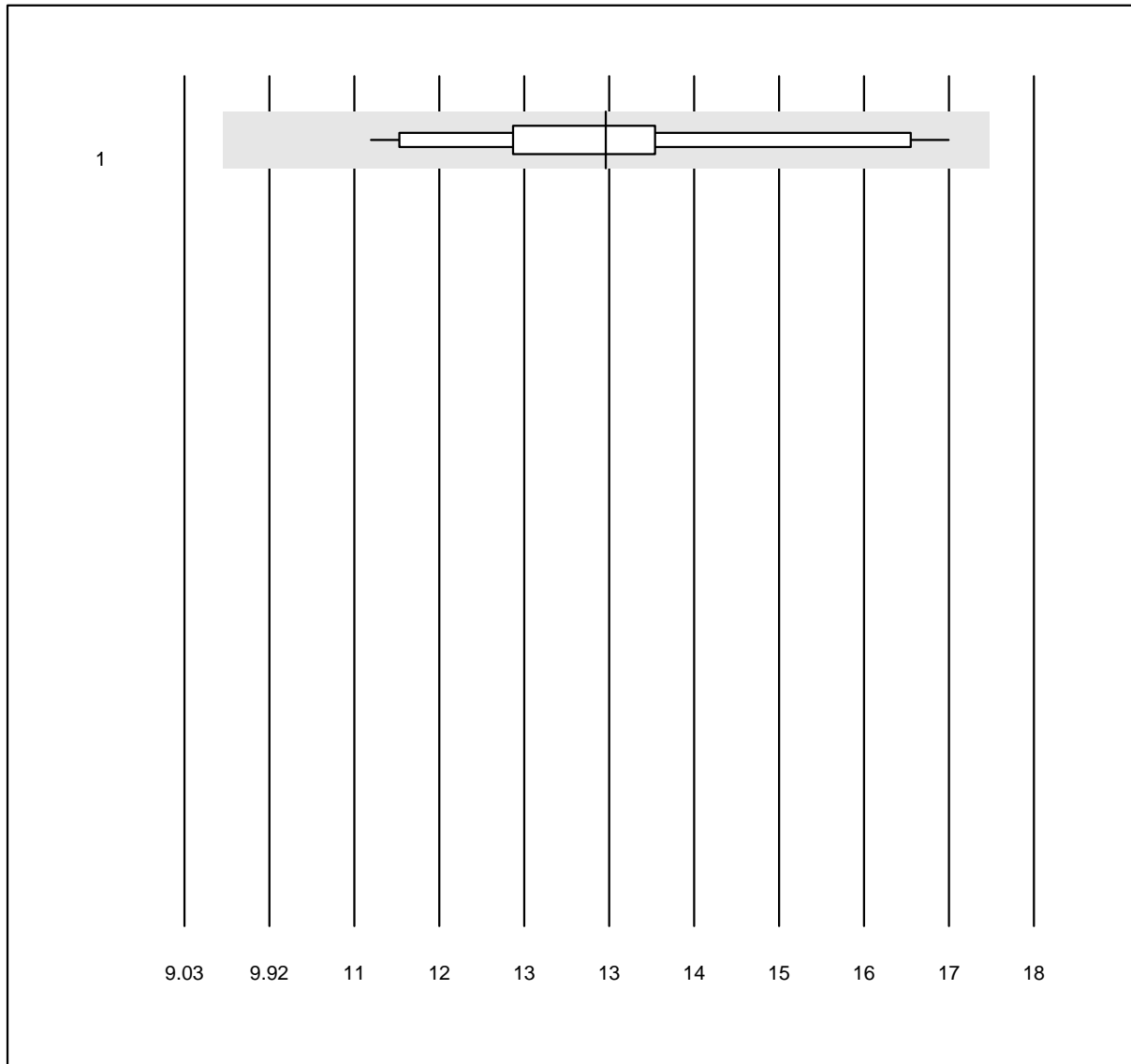


MQ Toleranz: 30%

Beta-Globuline+P (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 Electrophoresis	5	100.0	0.0	0.0	8	19.7 e*

gamma-Globuline

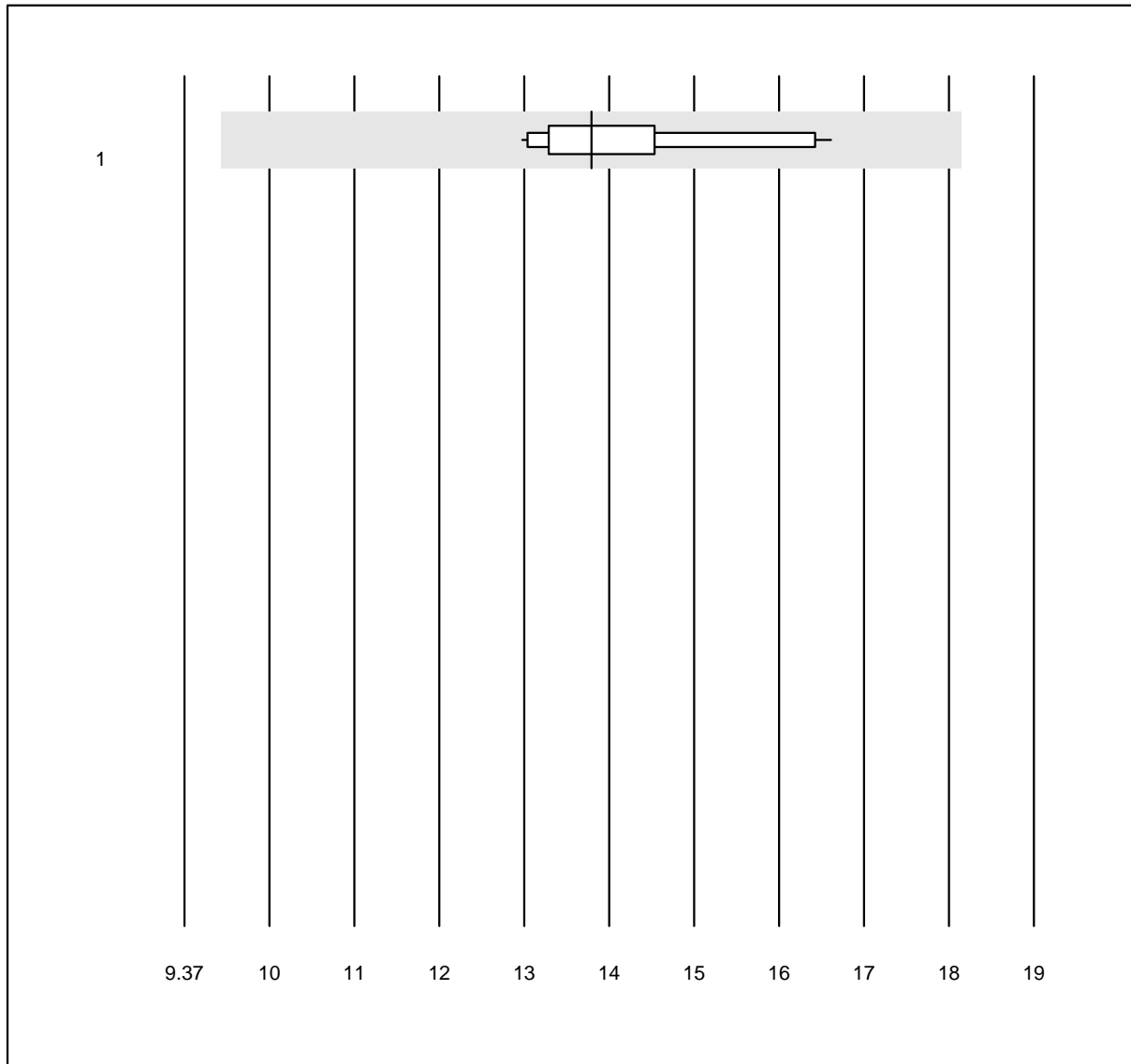


MQ Toleranz: 30%

gamma-Globuline (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Electrophoresis	19	100.0	0.0	0.0	13.5	12.8	e

Gamma-Globuline+P

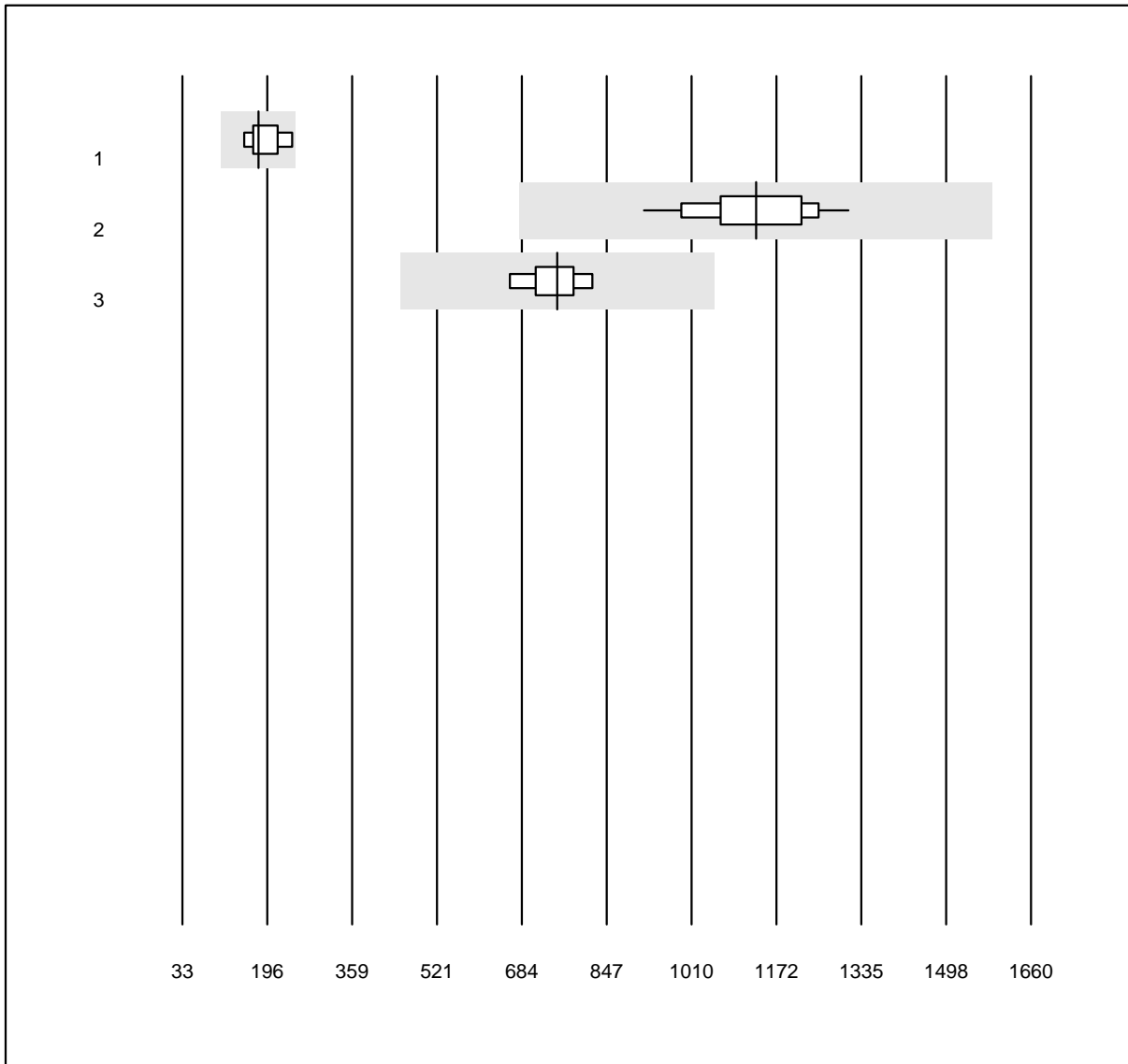


MQ Toleranz: 30%

Gamma-Globuline+P (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Electrophoresis	15	100.0	0.0	0.0	14.0	7.6	e

Folate in Erythrocytes



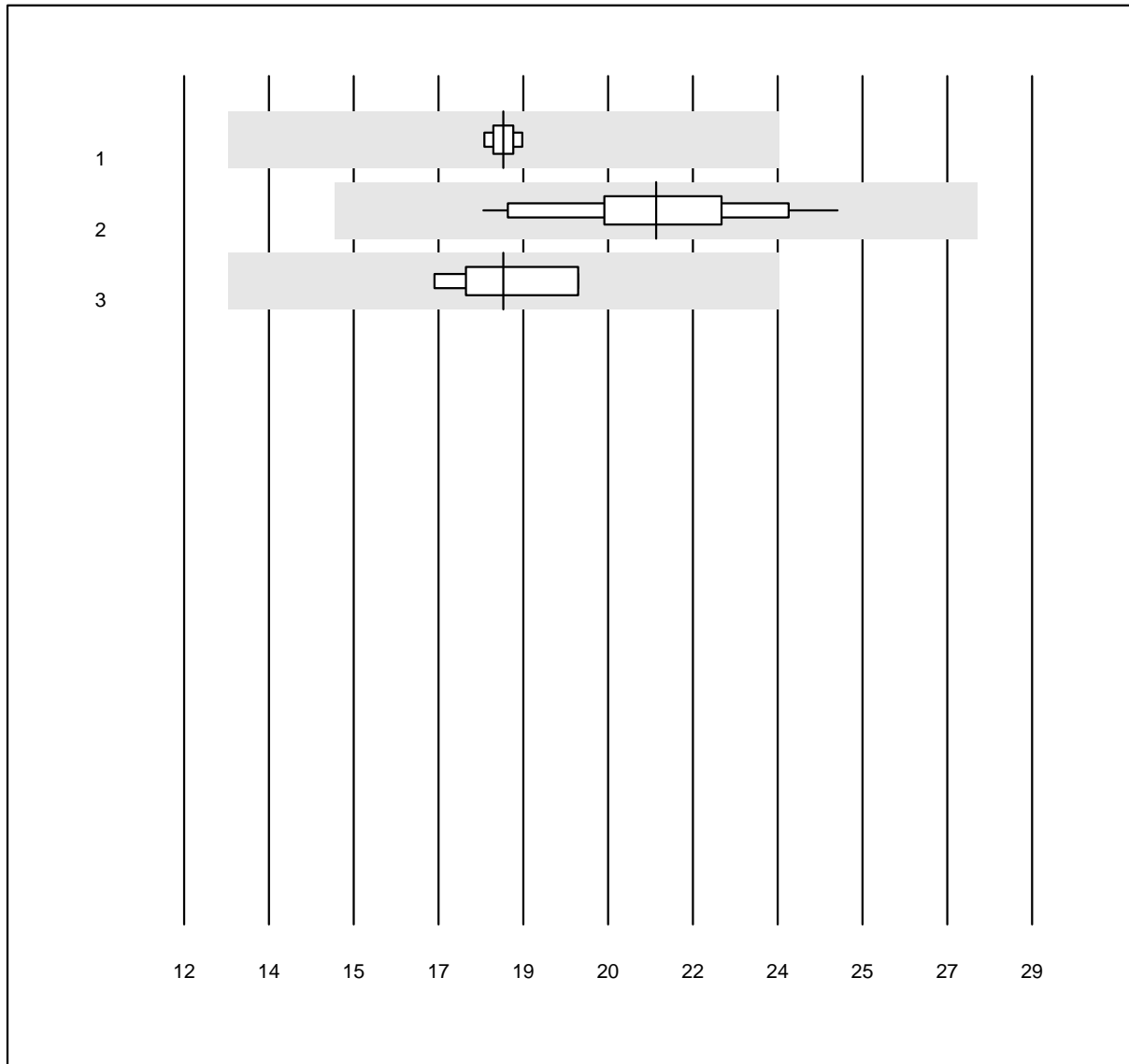
MQ Toleranz: 40%

Folate in Erythrocytes
(nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	80.0	0.0	20.0	179	13.5	e*
2 Roche	27	100.0	0.0	0.0	1133	8.9	e
3 Siemens	5	100.0	0.0	0.0	752	5.8	e

3 additional results were submitted but not published because the method groups were too small. (< results per group)

Gallensäure



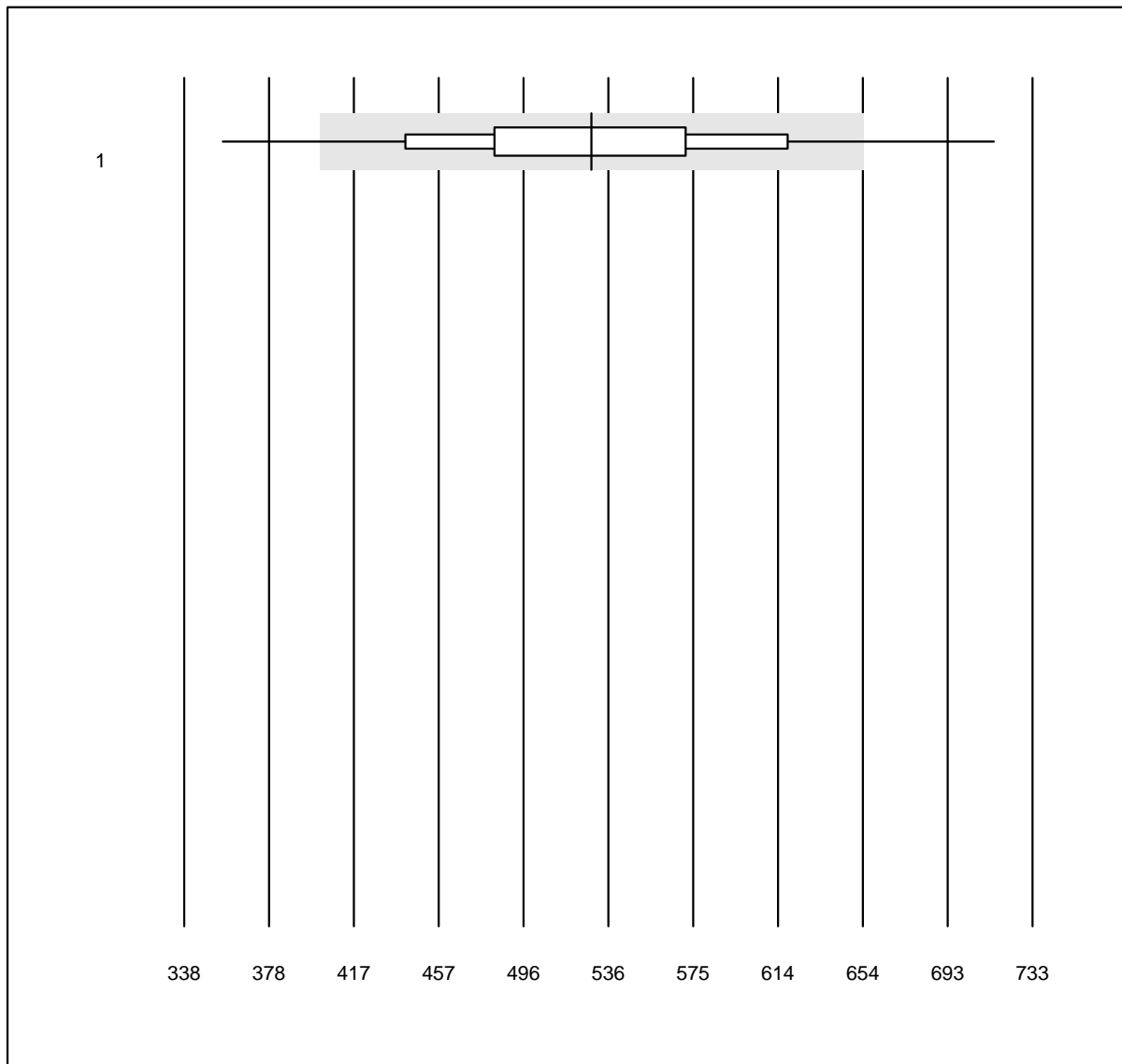
MQ Toleranz: 30%

Gallensäure (µmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	18.4	1.2	e
2 Roche	16	100.0	0.0	0.0	21.5	9.0	e
3 Siemens	6	100.0	0.0	0.0	18.4	6.1	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Troponin I Triage



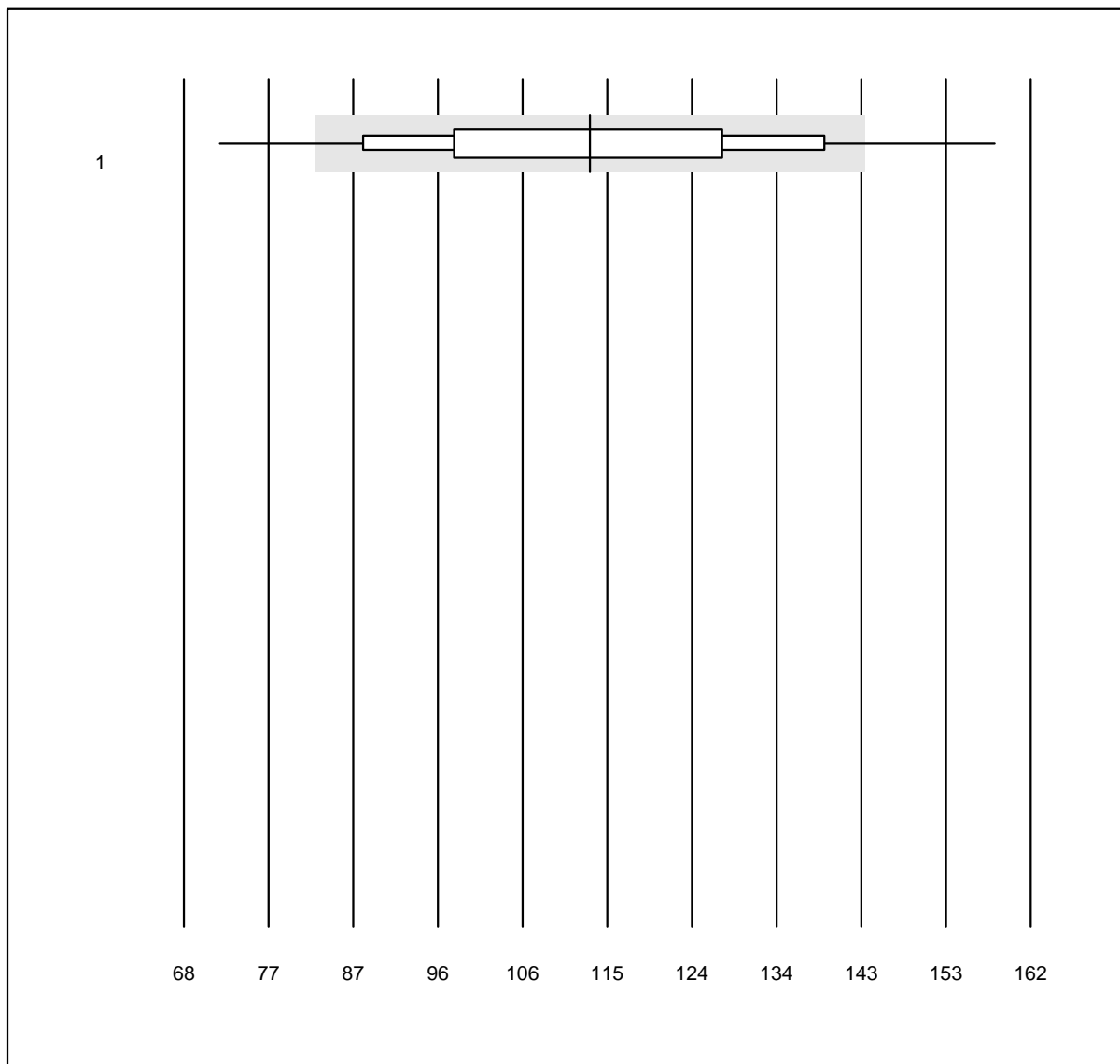
QUALAB Toleranz: 24%

Troponin I Triage (ng/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Triage high sensitive	614	92.7	5.2	2.1	527.63	12.5	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

NT-pro BNP

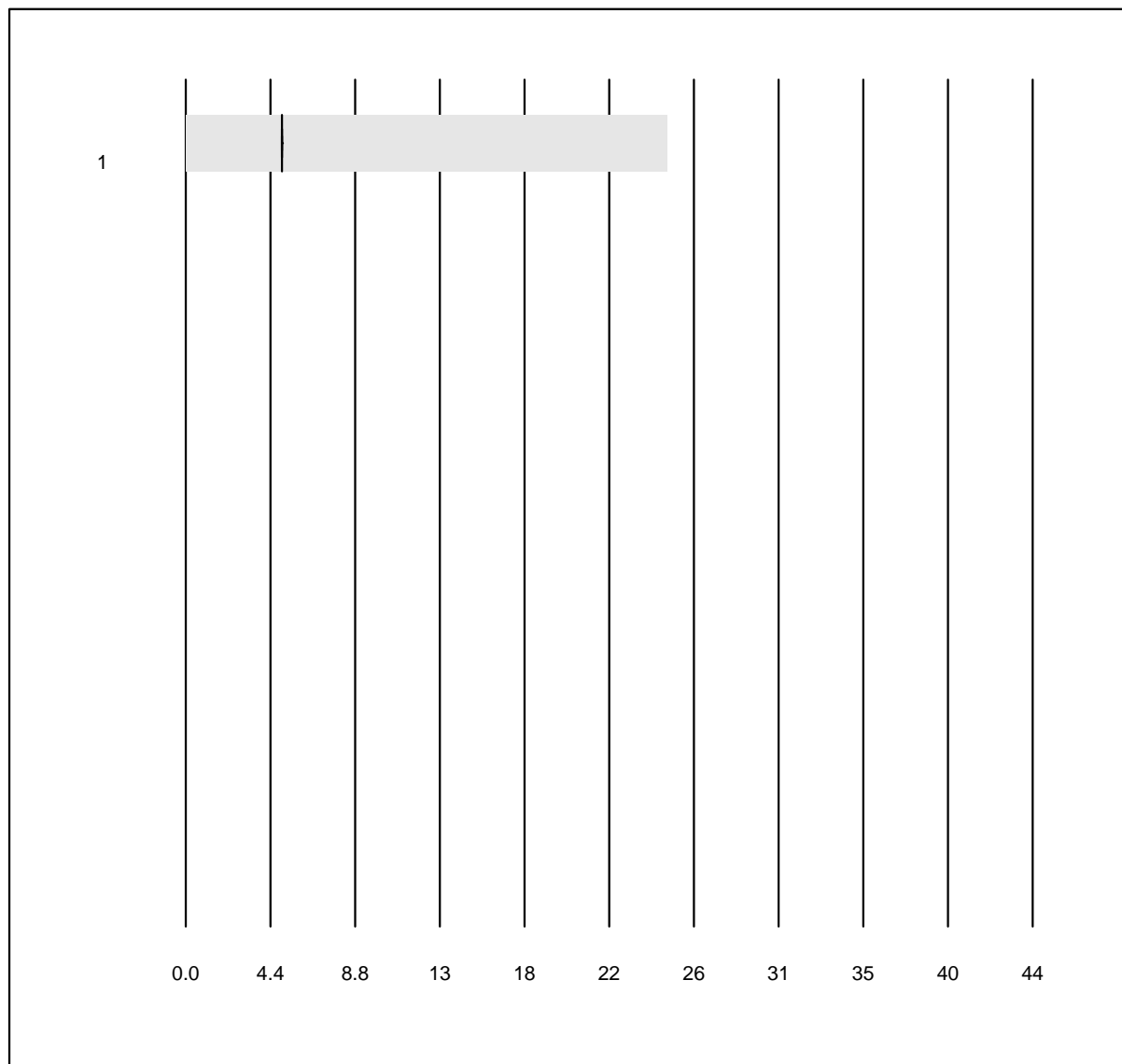


QUALAB Toleranz: 27%

NT-pro BNP (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 Triage	354	81.1	11.6	7.3	113	17.4 e

BNP

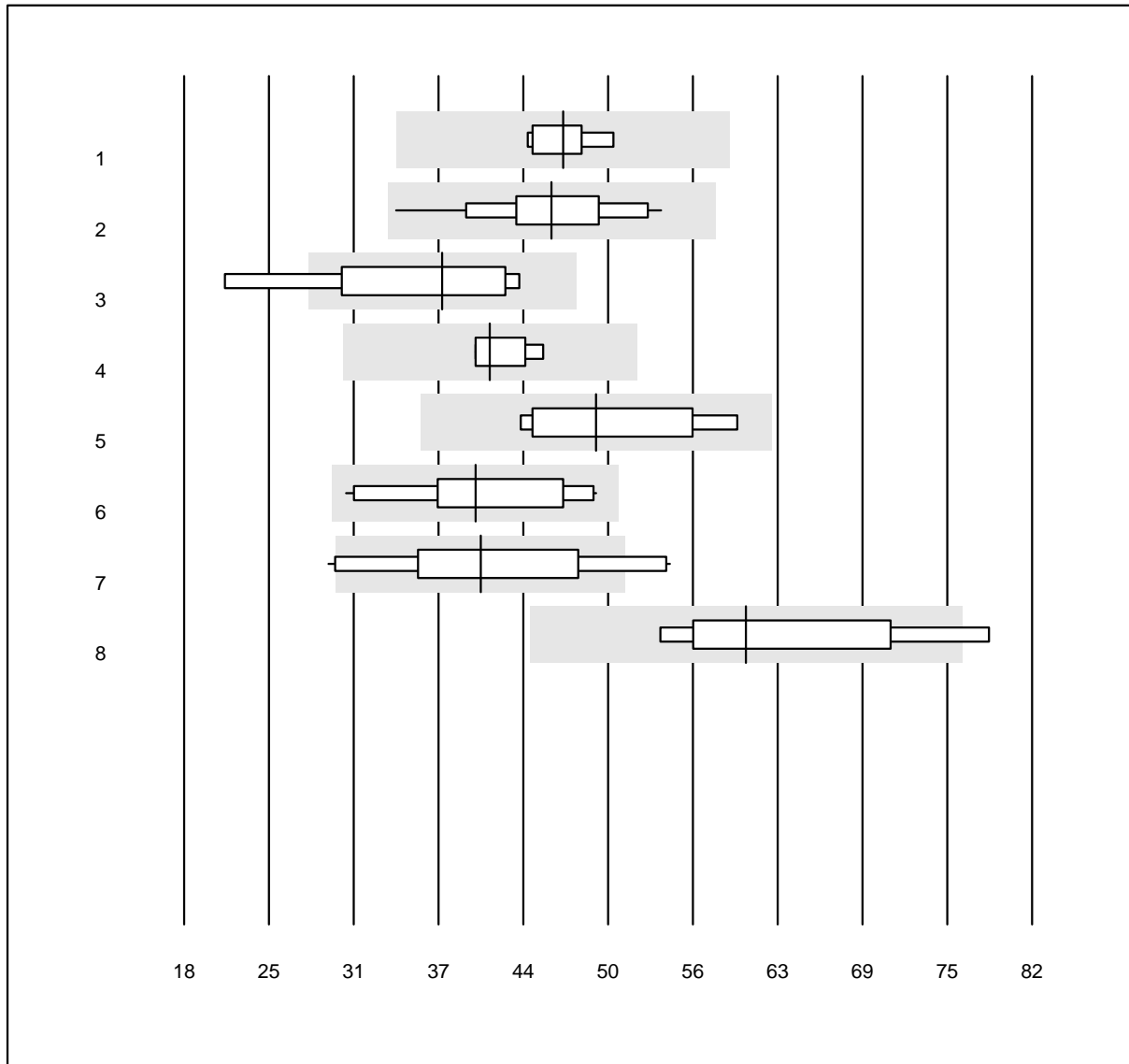


QUALAB Toleranz: 27%
(< 75.0: +/- 20.0 ng/l)

BNP (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Triage	4	100.0	0.0	0.0	5.0	0.0	e

Vitamin D 25 (OH)

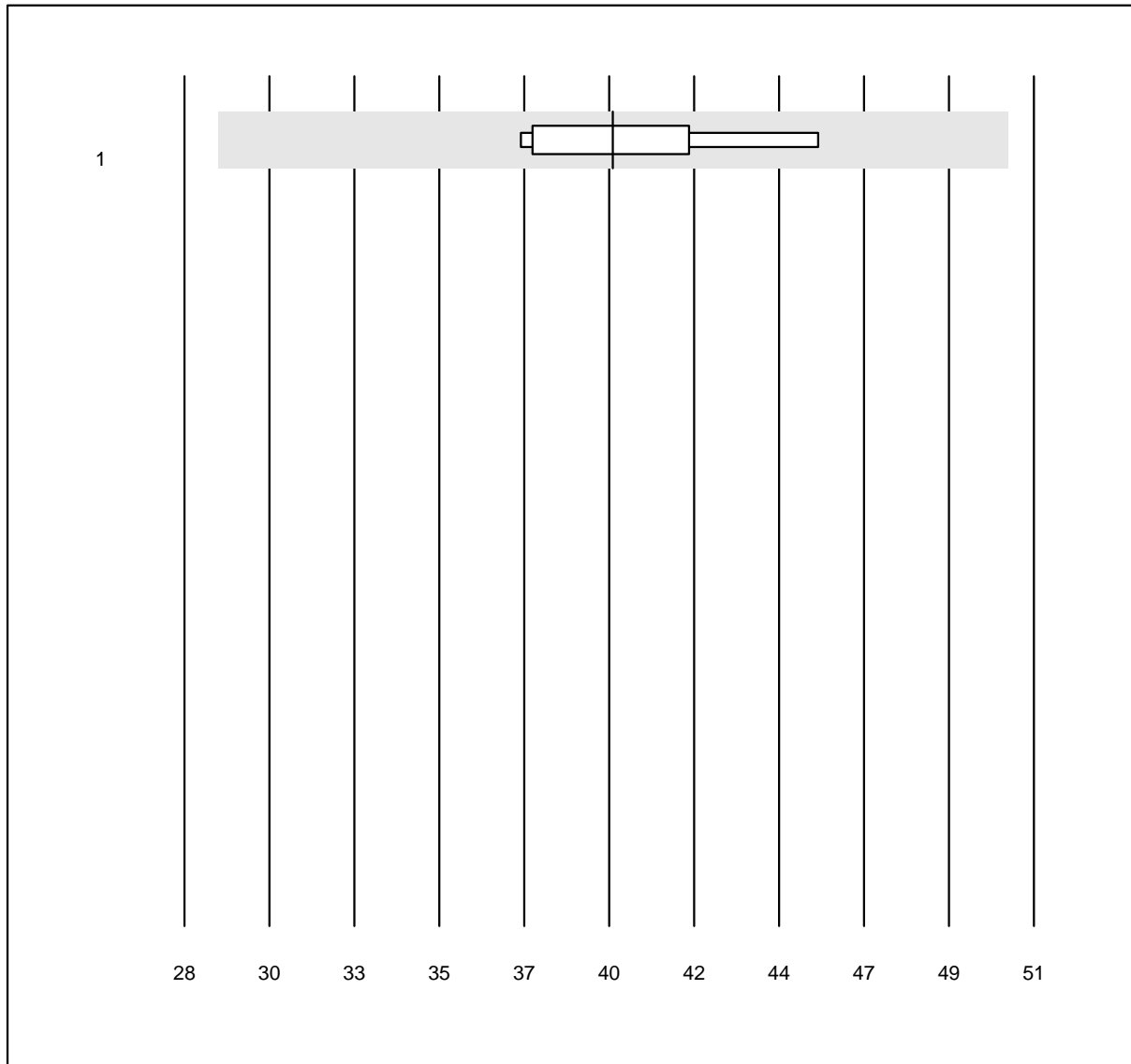


QUALAB Toleranz: 27%

Vitamin D 25 (OH) (nmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	7	100.0	0.0	0.0	46.6	4.5	e
2 Roche	23	95.7	0.0	4.3	45.7	11.0	e
3 Siemens	6	83.3	16.7	0.0	37.5	20.5	e*
4 LCMS	5	100.0	0.0	0.0	41.1	5.0	e
5 VIDAS	4	100.0	0.0	0.0	49.1	12.9	e*
6 AFIAS	10	100.0	0.0	0.0	40.0	14.5	a*
7 RapidReader Cube Reader	11	63.6	27.3	9.1	40.4	18.9	e*
8 Other methods	4	100.0	0.0	0.0	60.4	12.6	a*

Vitamin D 1,25-(OH)2

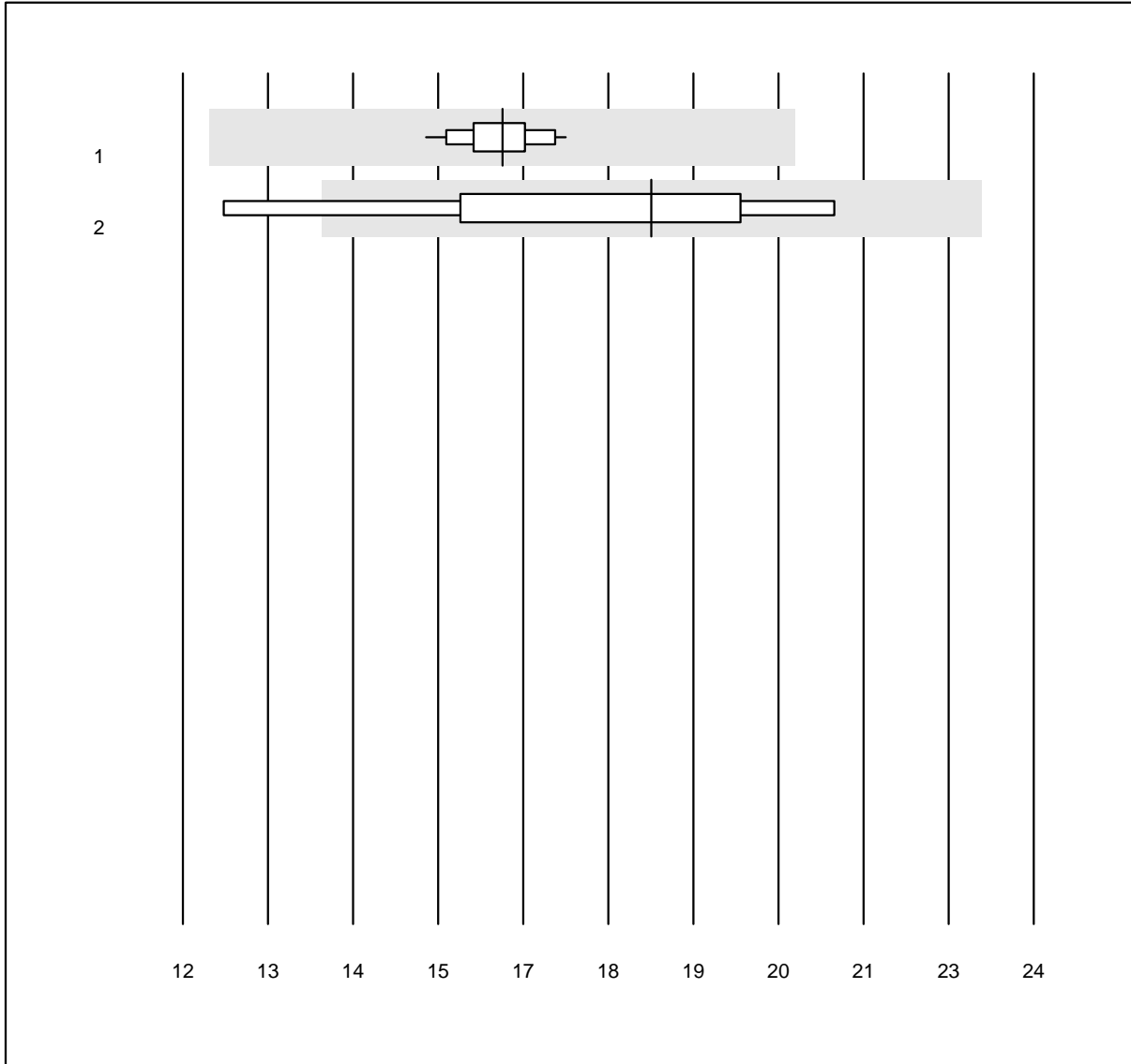


MQ Toleranz: 27%

Vitamin D 1,25-(OH)2 (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Other methods	6	100.0	0.0	0.0	39.6	6.4	e

AMH



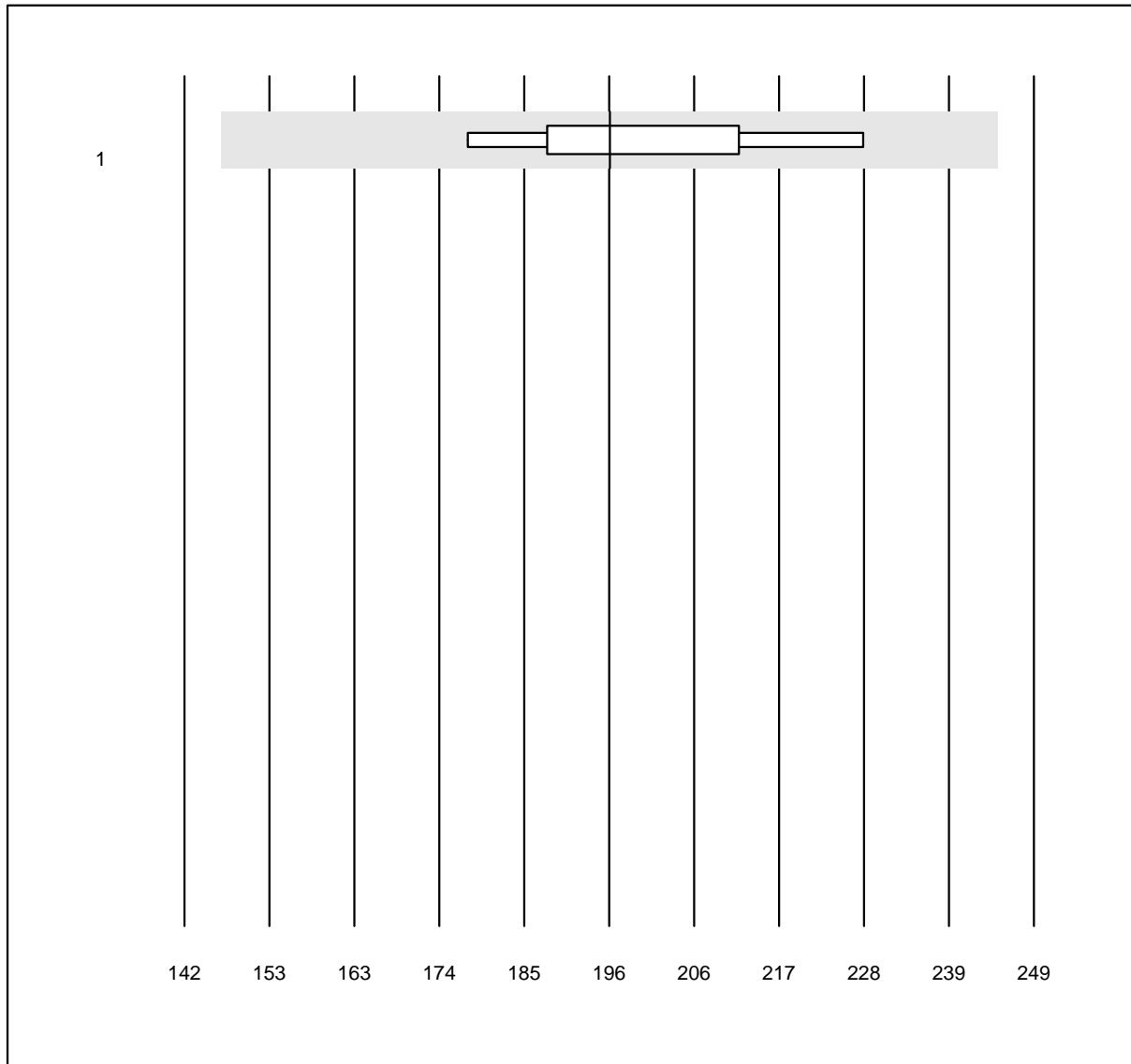
MQ Toleranz: 25%

AMH (pmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	14	100.0	0.0	0.0	16.5	3.1	e
2 VIDAS	5	100.0	0.0	0.0	18.6	13.7	e*

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Inhibin B



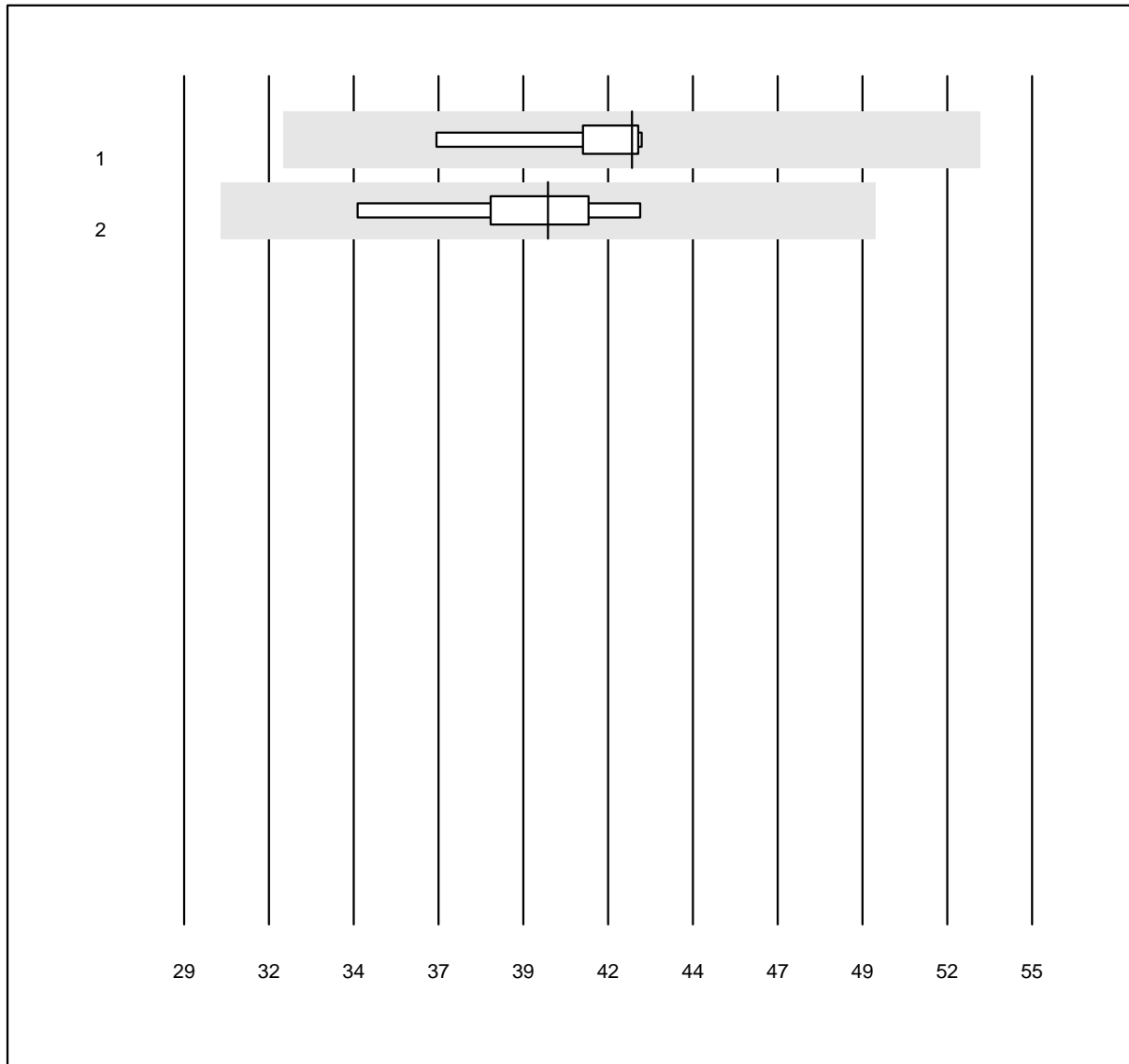
MQ Toleranz: 25%

Inhibin B (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	9	100.0	0.0	0.0	195.6	8.4	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Calcitonin

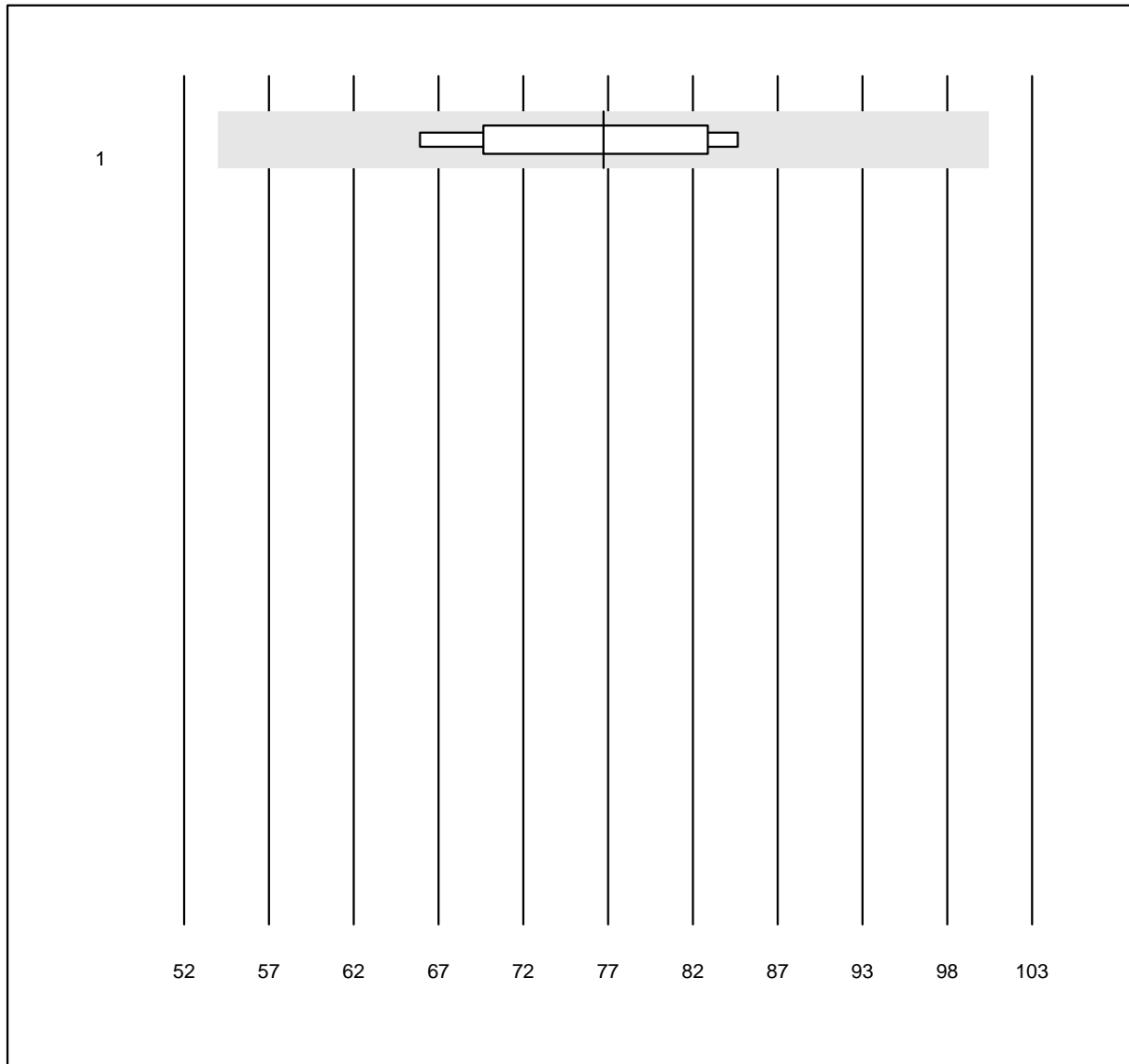


MQ Toleranz: 25%

Calcitonin (pmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Liaison	6	100.0	0.0	0.0	42.7	4.6	e
2 Other methods	7	100.0	0.0	0.0	40.2	6.3	e

Aldosteron



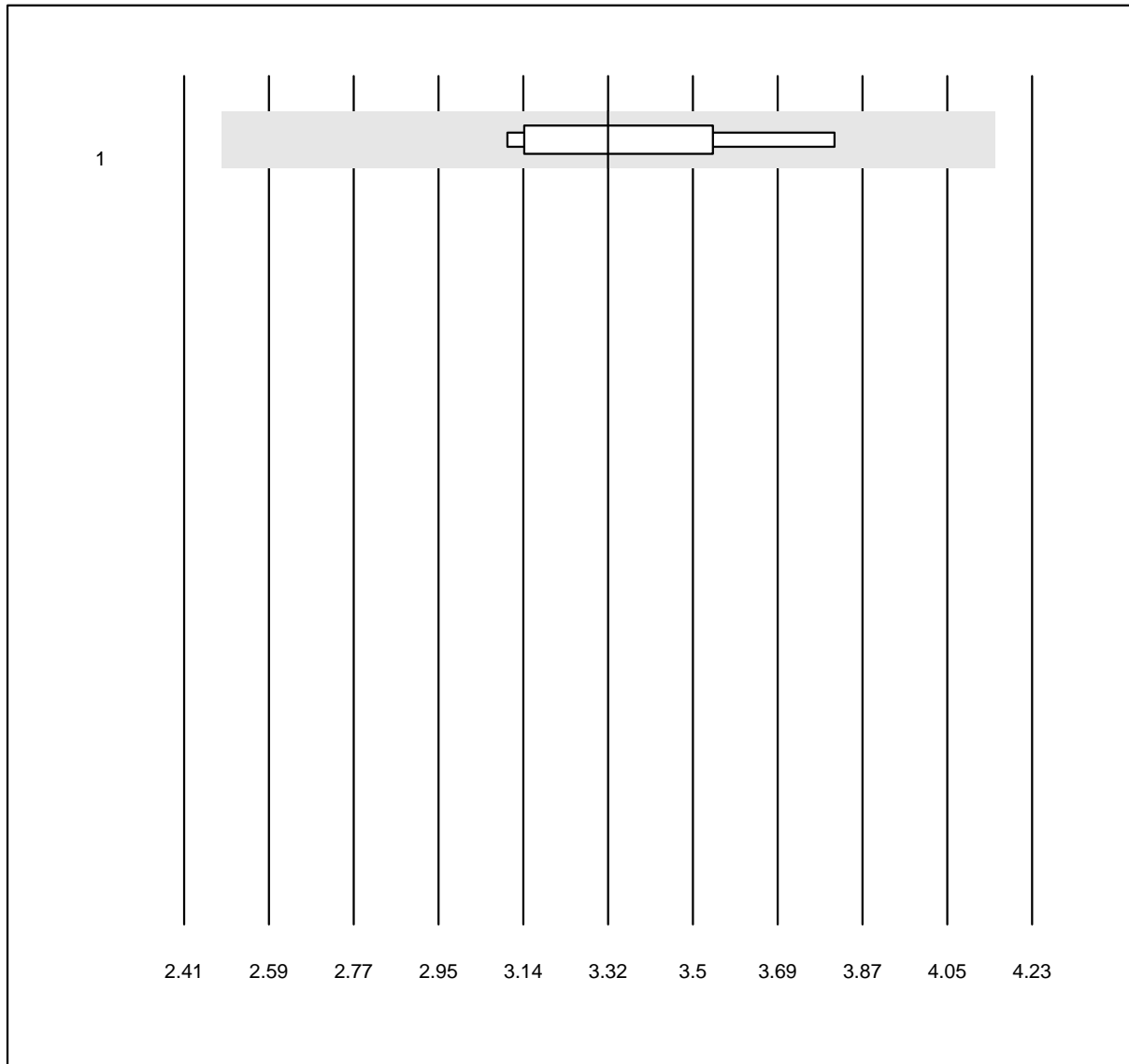
MQ Toleranz: 30%

Aldosteron (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Liaison	7	100.0	0.0	0.0	77.2	8.9	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

IGF-BP3



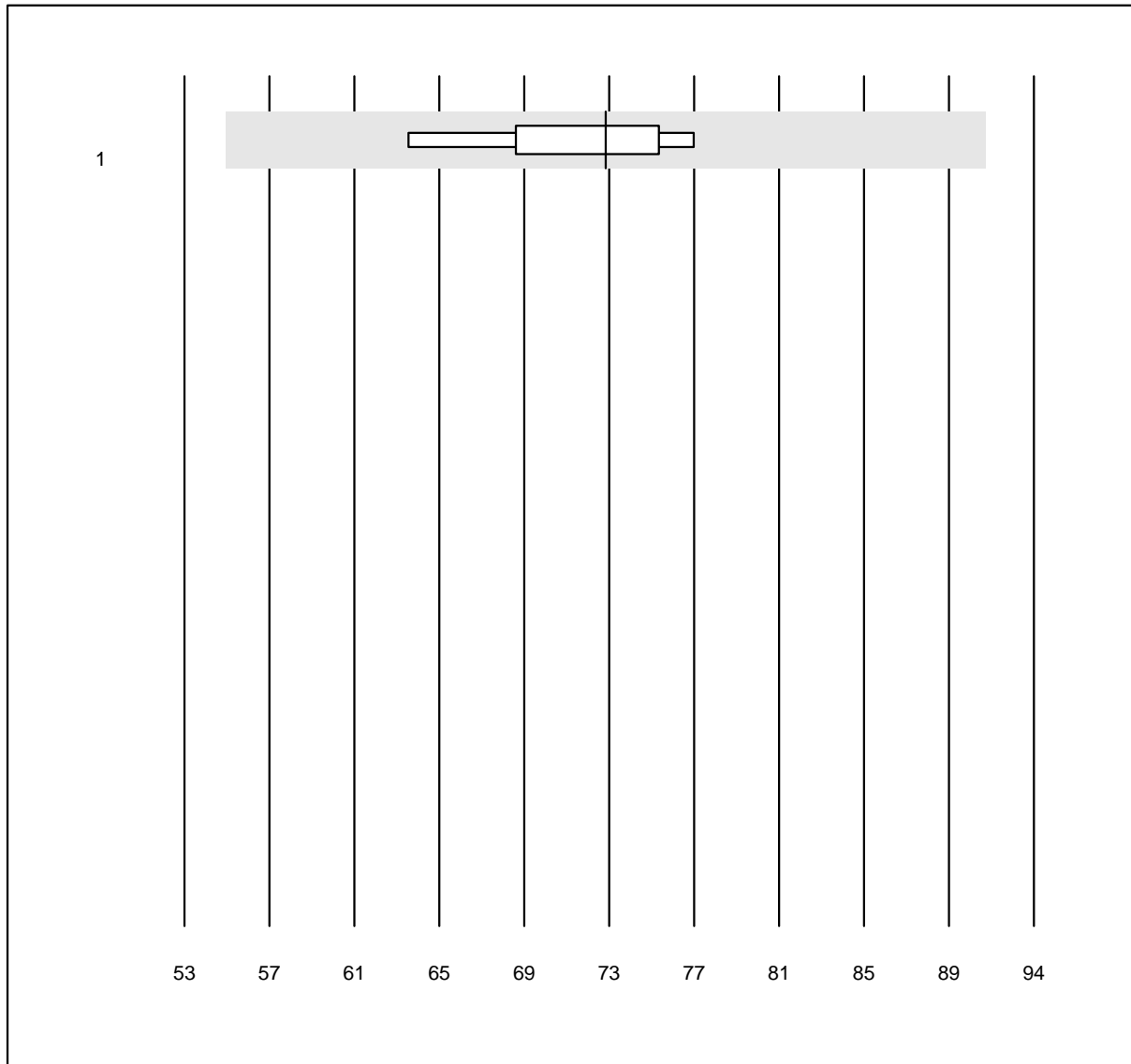
MQ Toleranz: 25%

IGF-BP3 (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cobas	5	100.0	0.0	0.0	3.32	6.8	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Renin



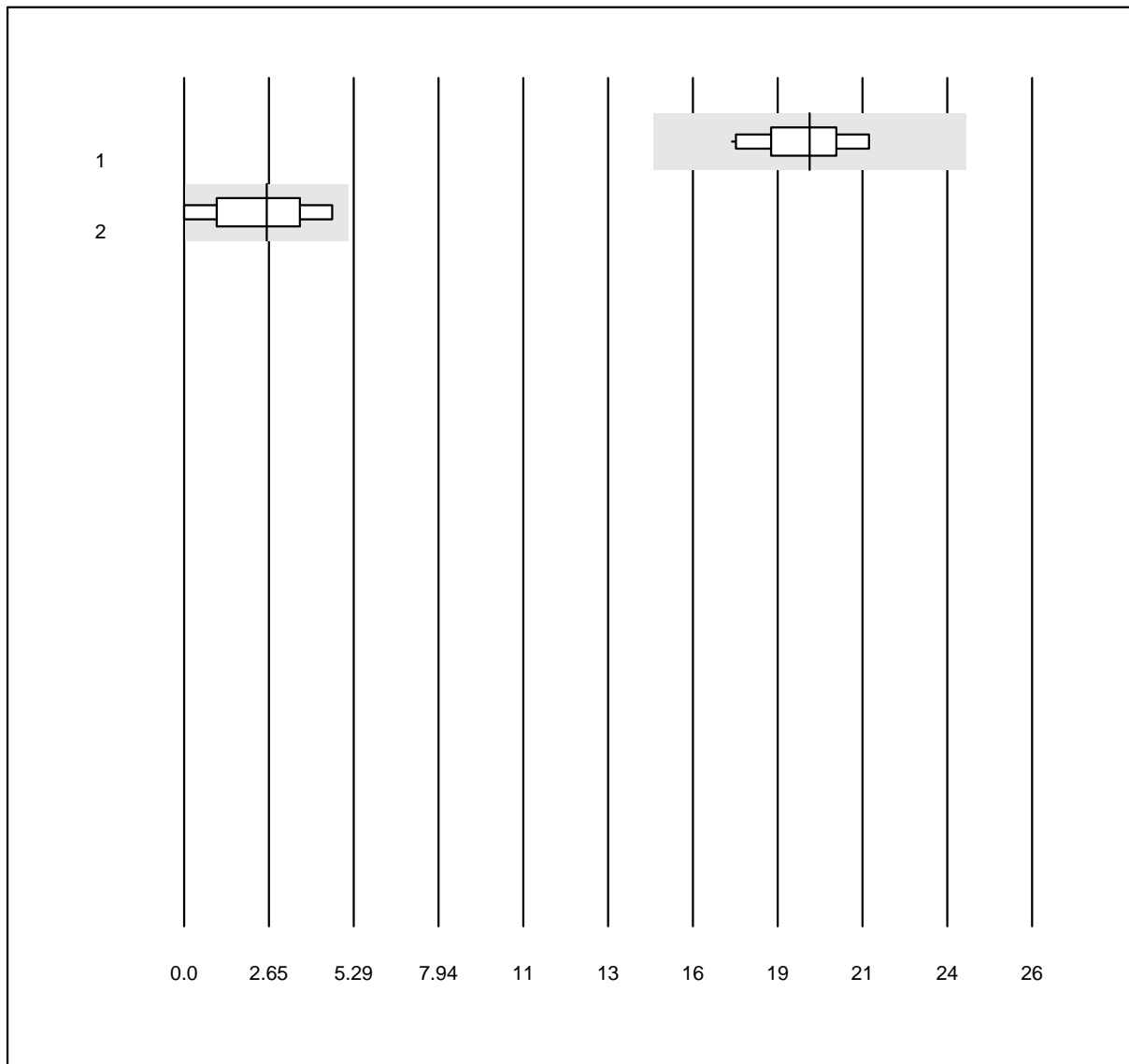
MQ Toleranz: 25%

Renin (mU/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Liaison	7	100.0	0.0	0.0	73.3	6.2	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Anti Thyreoglobulin



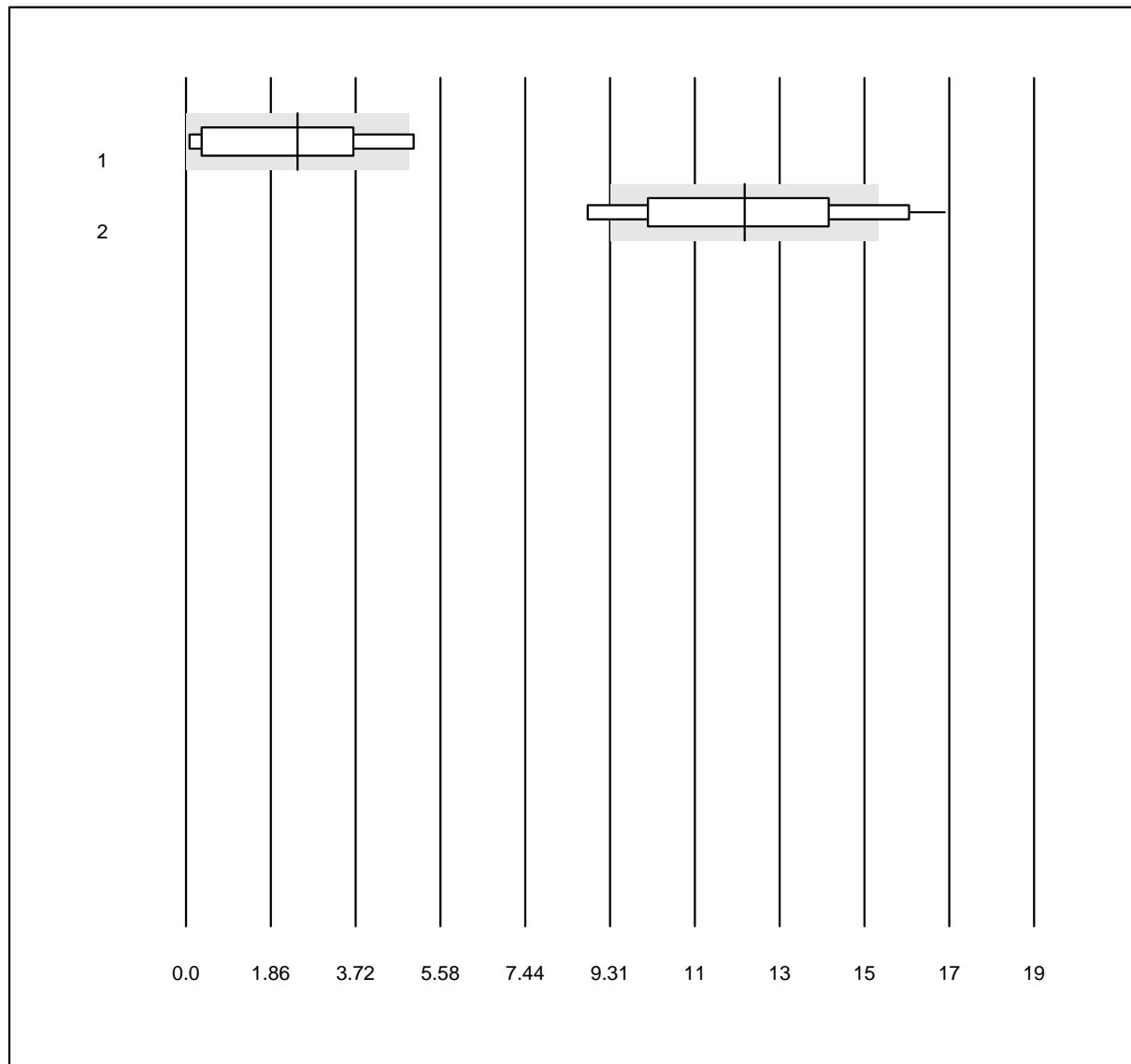
MQ Toleranz: 25%

Anti Thyreoglobulin (IU/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	15	100.0	0.0	0.0	19	7.6	e
2 Alinity	5	100.0	0.0	0.0	3	59.3	e*

3 additional results were submitted but not published because the method groups were too small. (< results per group)

Anti TPO



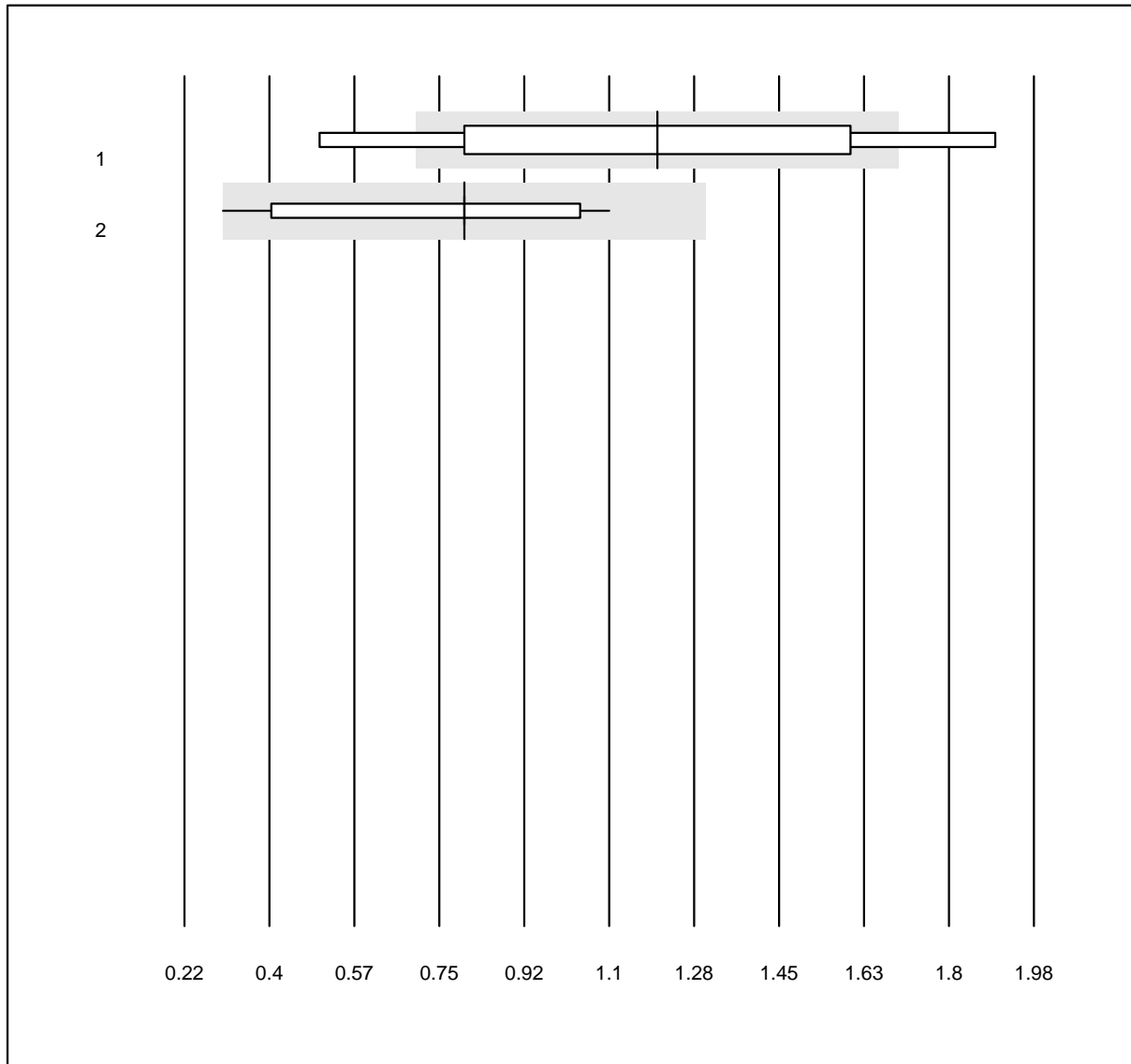
QUALAB Toleranz: 24%
(< 10.0: +/- 2.5 IU/ml)

Anti TPO (IU/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	2.5	83.3	a*
2 Roche	15	66.7	20.0	13.3	12.5	19.2	e*

4 additional results were submitted but not published because the method groups were too small. (< results per group)

TRAK



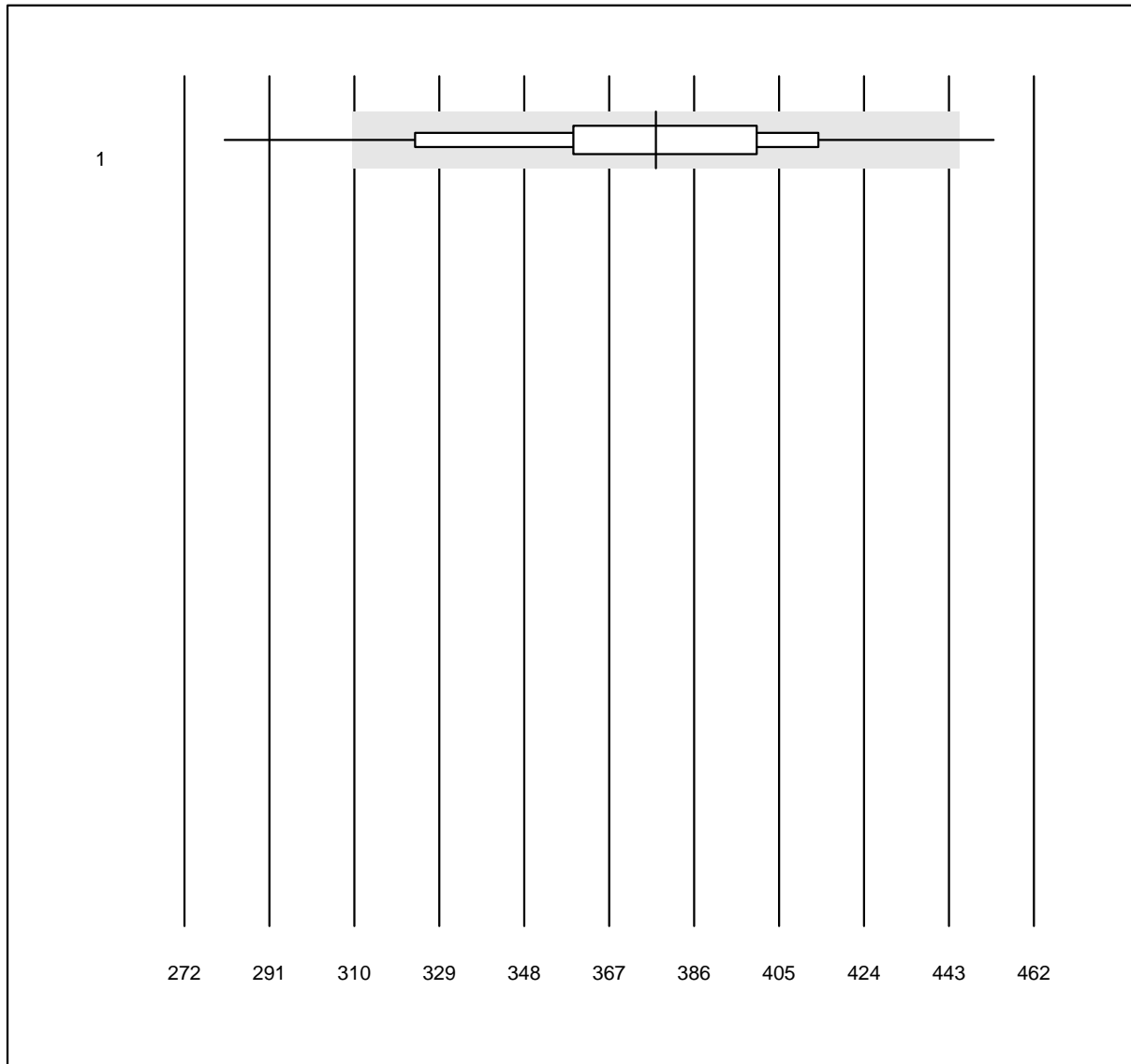
MQ Toleranz: 25%
(< 2.0: +/- 0.5 IU/l)

TRAK (IU/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	4	100.0	0.0	0.0	1.20	34.7	e*
2 Roche	11	100.0	0.0	0.0	0.80	23.5	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Creatinine WB

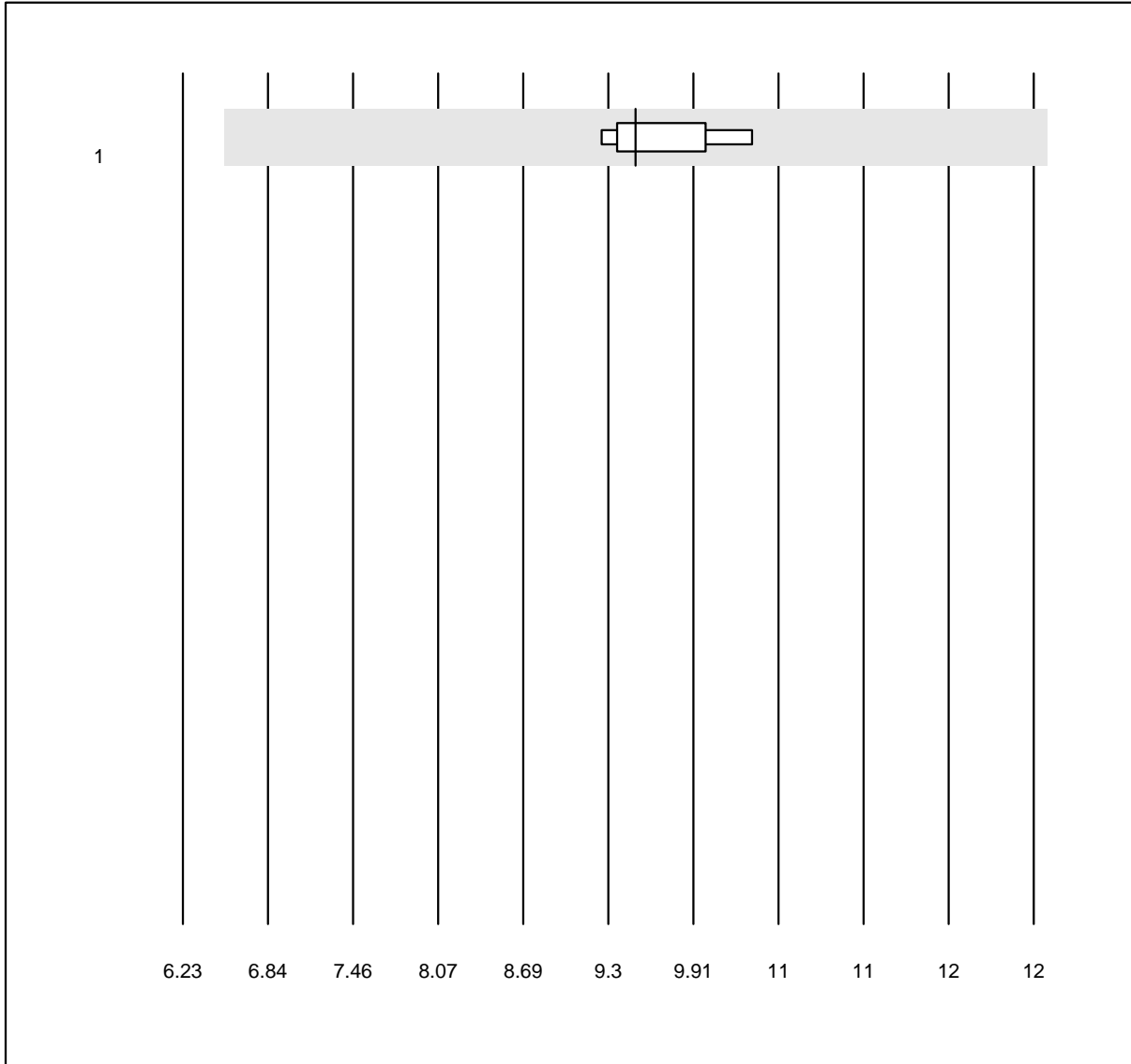


QUALAB Toleranz: 18%

Creatinine WB ($\mu\text{mol/l}$)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Statsensor i / Nova	98	87.8	9.2	3.1	377	9.6	e

eGFR CDK-EPI WB

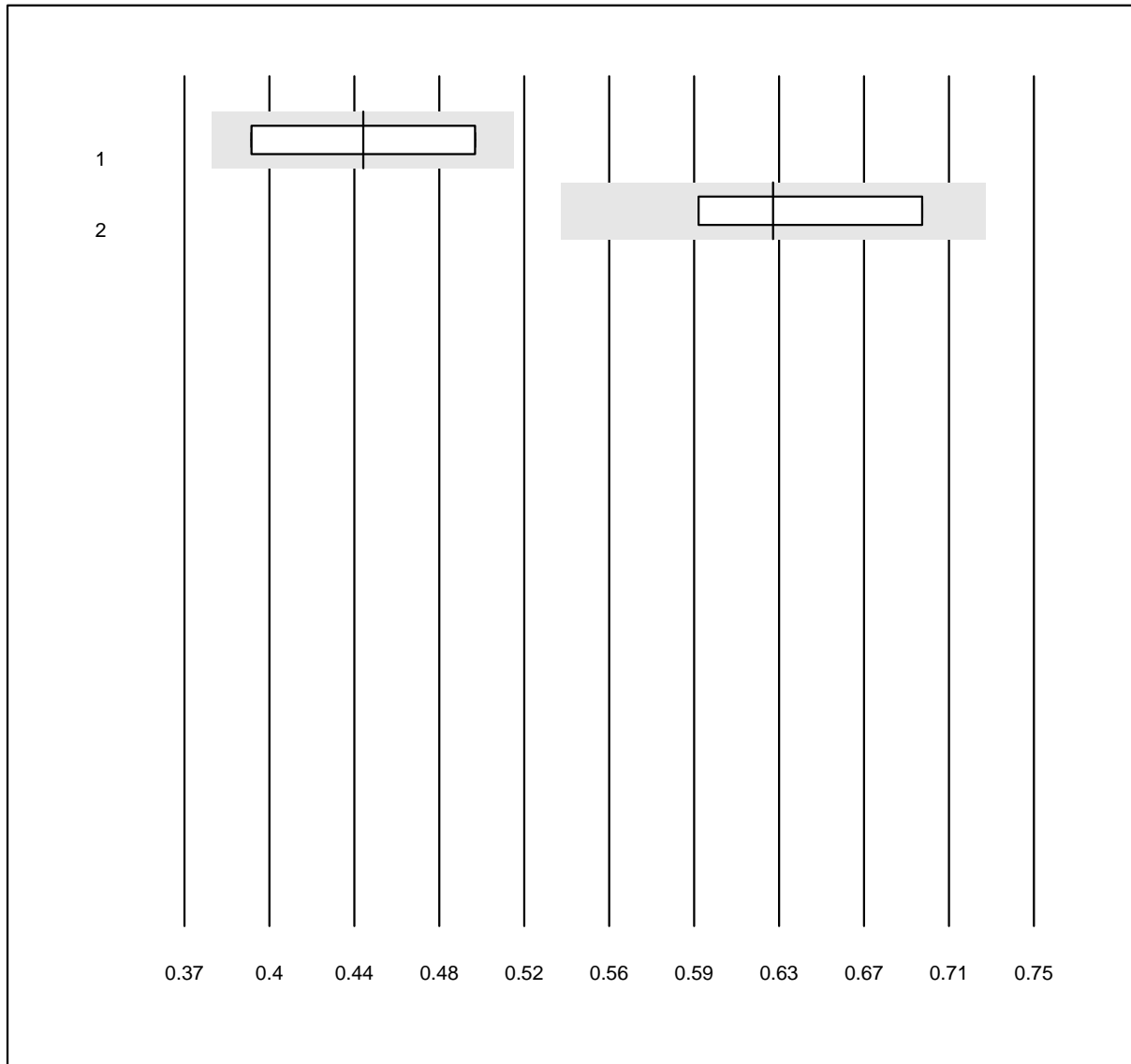


MQ Toleranz: 30%

eGFR CDK-EPI WB ()

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Statsensor i / Nova	6	100.0	0.0	0.0	9	3.7	e

Keton WB



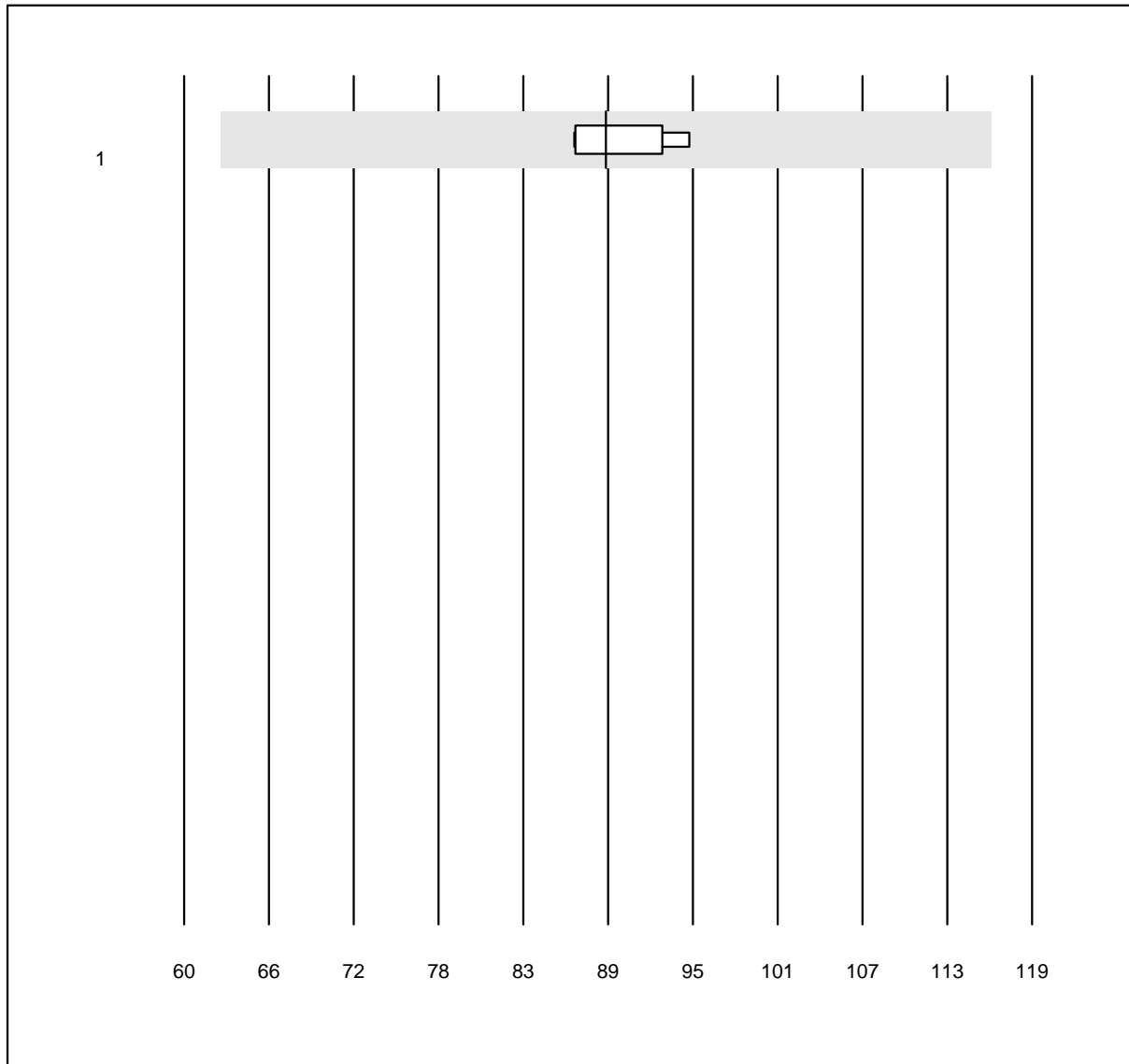
MQ Toleranz: 15%

Keton WB (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Other methods	4	100.0	0.0	0.0	0.45	12.8	e*
2 Ketosure APEXBIO	5	100.0	0.0	0.0	0.63	8.6	e*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

IL6

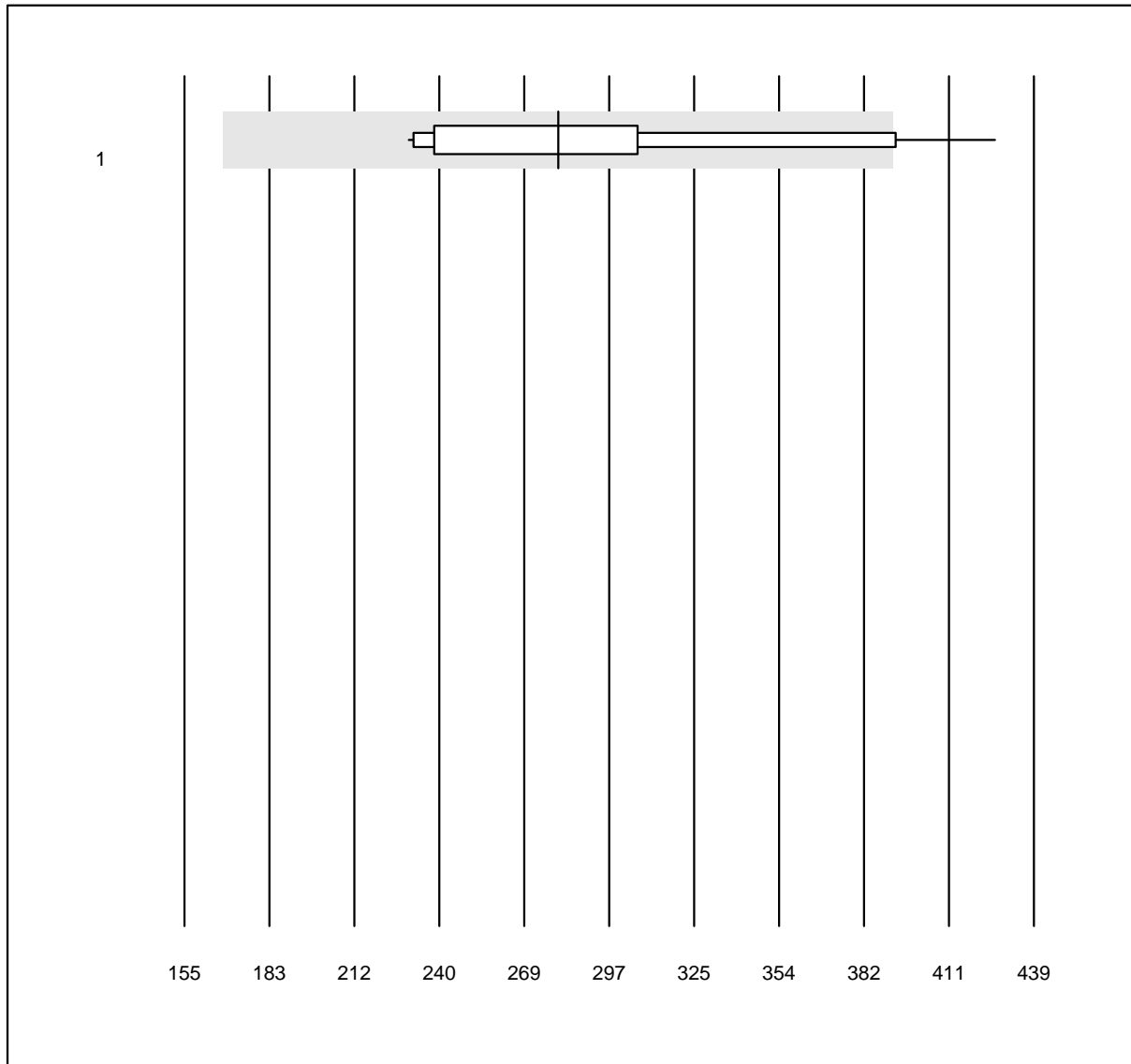


MQ Toleranz: 30%

IL6 (ng/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	4	100.0	0.0	0.0	89.3	3.6	e

Pankreas Elastase

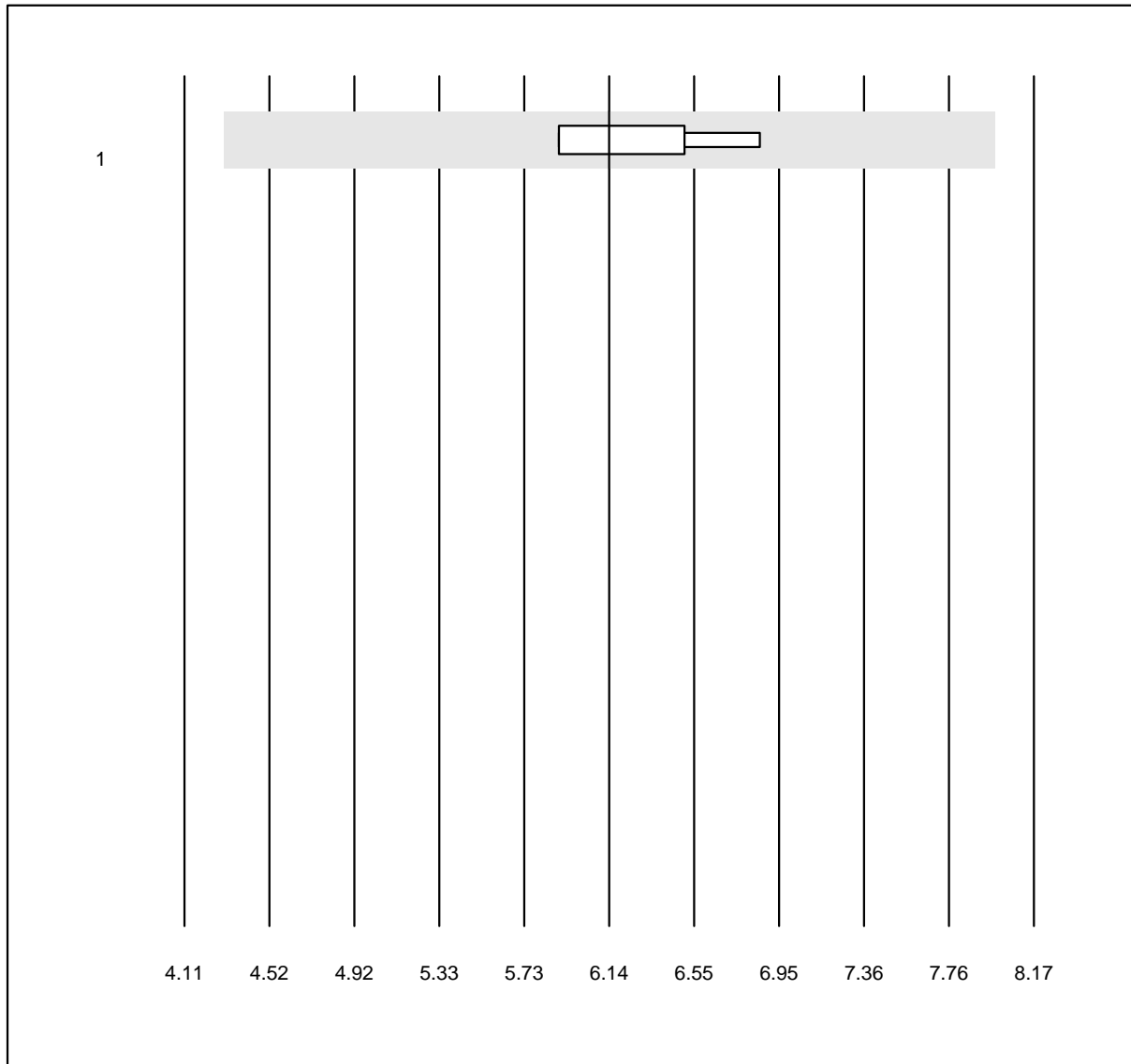


MQ Toleranz: 40%

Pankreas Elastase (µg/g)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Other methods	14	85.7	7.1	7.1	280	20.2	e*

Copeptin

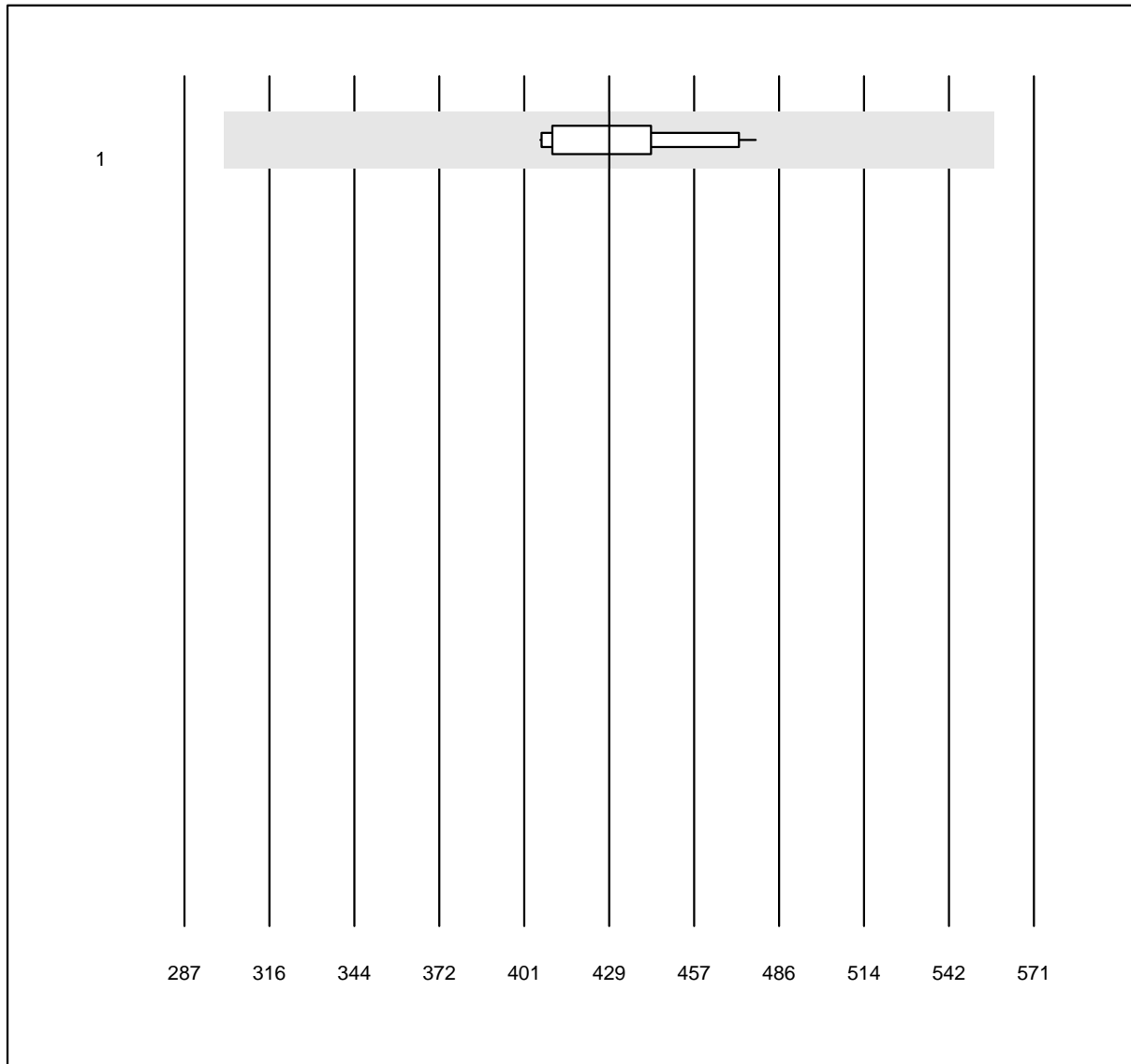


MQ Toleranz: 30%

Copeptin (pmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Kryptor	5	100.0	0.0	0.0	6.1	5.3	e

PIGF

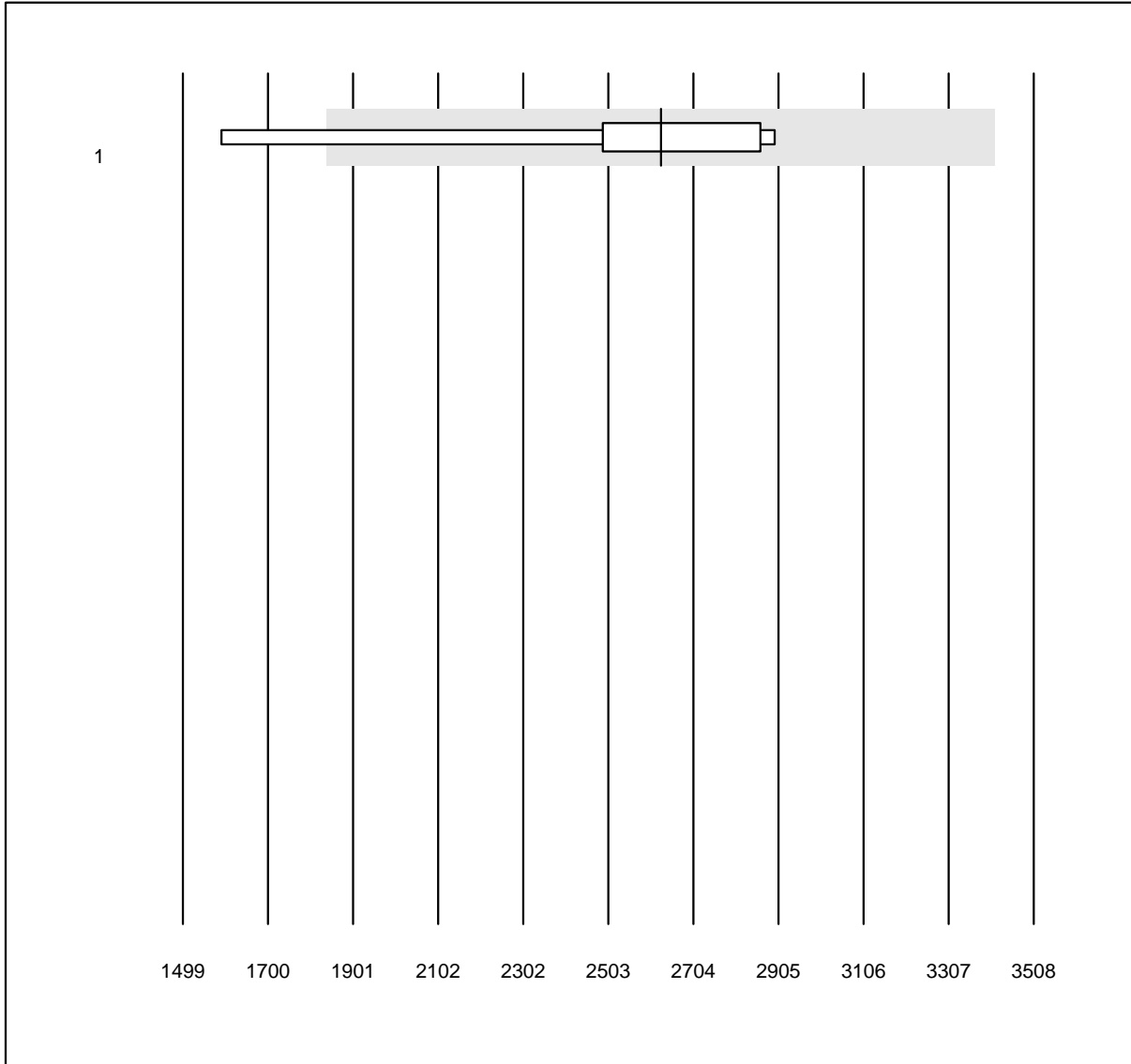


MQ Toleranz: 30%

PIGF (pg/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	11	100.0	0.0	0.0	429.0	5.0	e

SFIT1



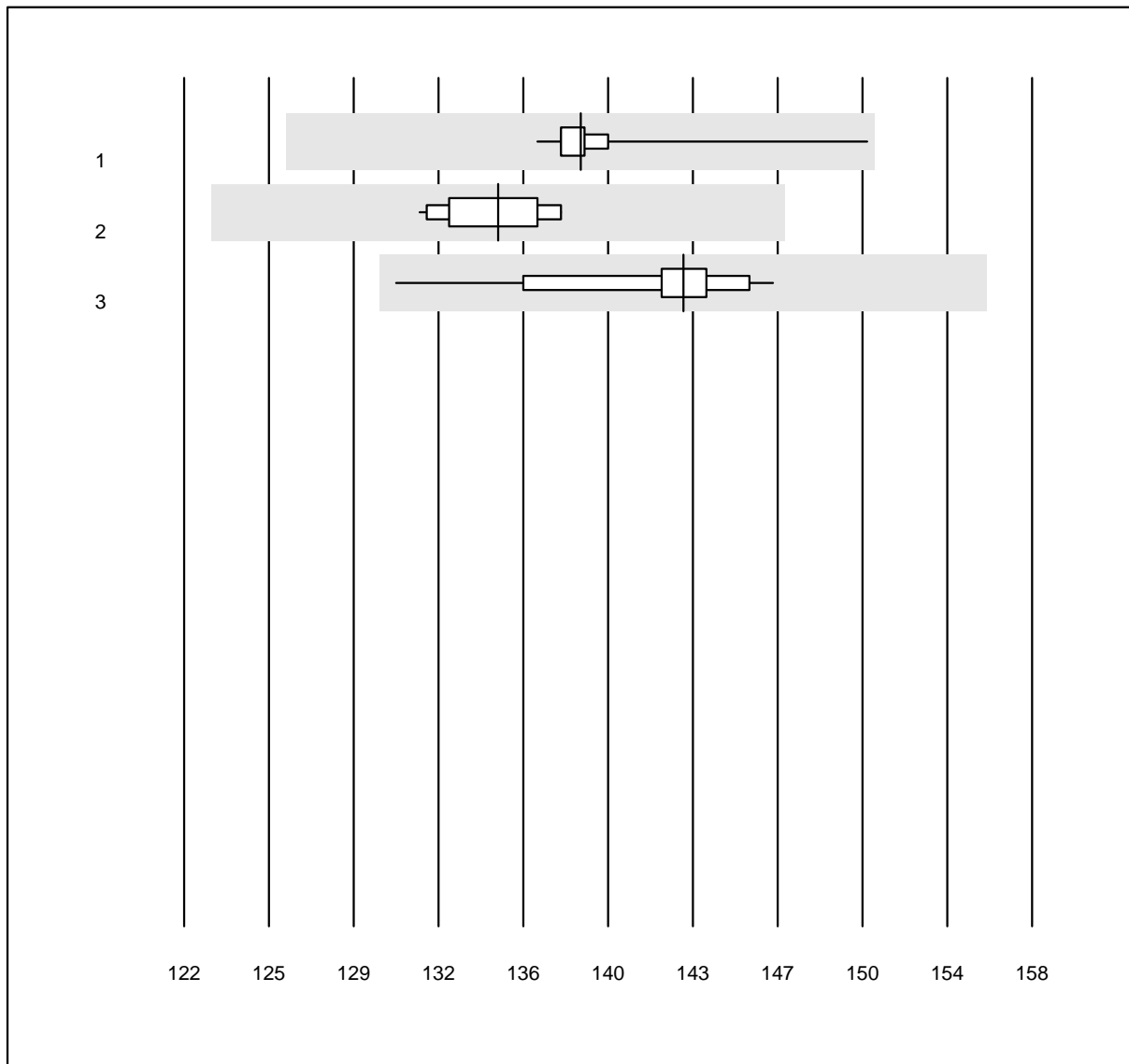
MQ Toleranz: 30%

SFIT1 (pg/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	8	87.5	12.5	0.0	2628.0	15.4	a*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

tHb

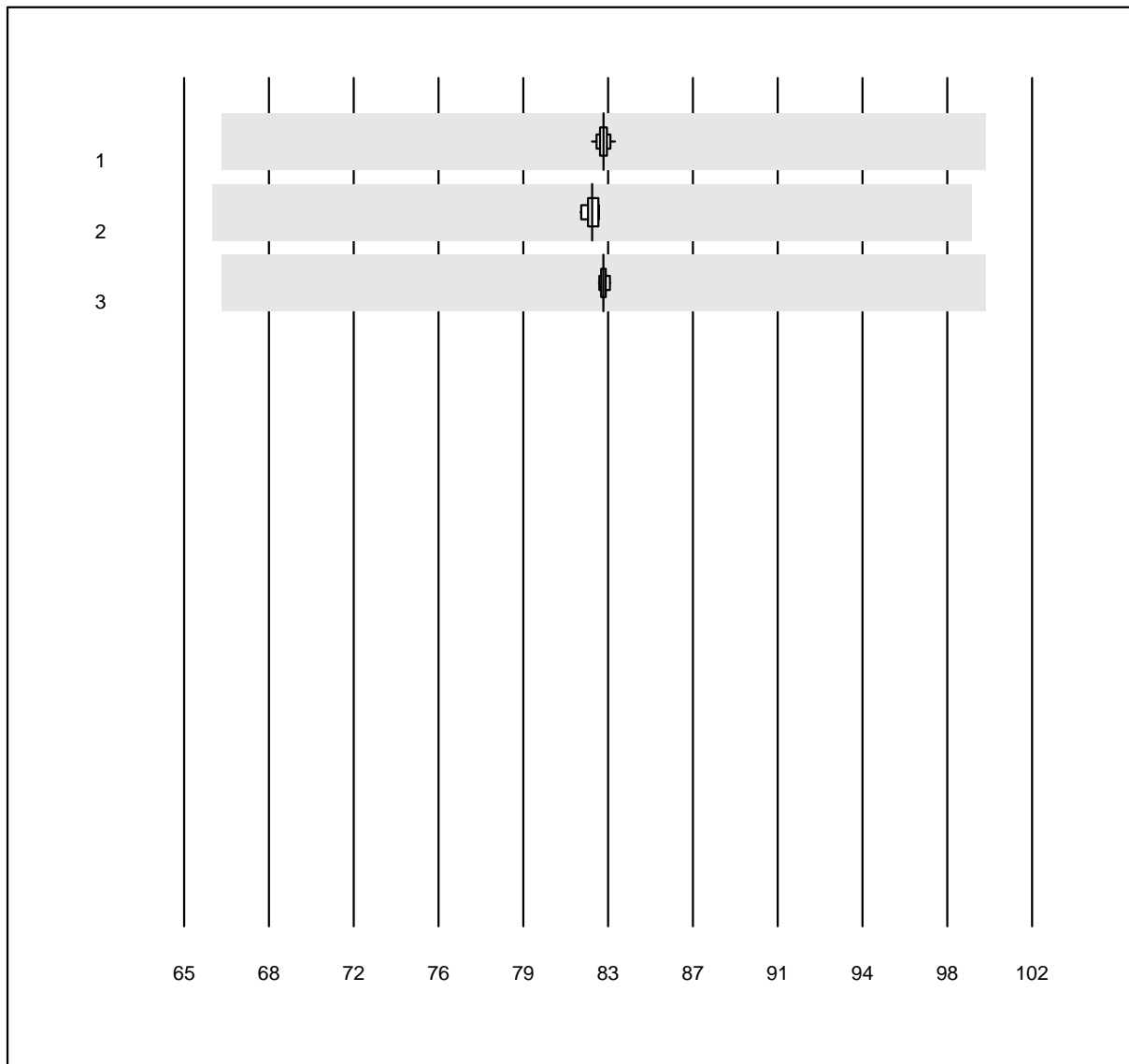


MQ Toleranz: 9%

tHb (g/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 RAPIDPoint 500	29	100.0	0.0	0.0	138.8	2.3	e
2 GEM	12	100.0	0.0	0.0	135.3	1.5	e
3 Cobas b 123	14	100.0	0.0	0.0	143.2	2.5	e

O2Hb

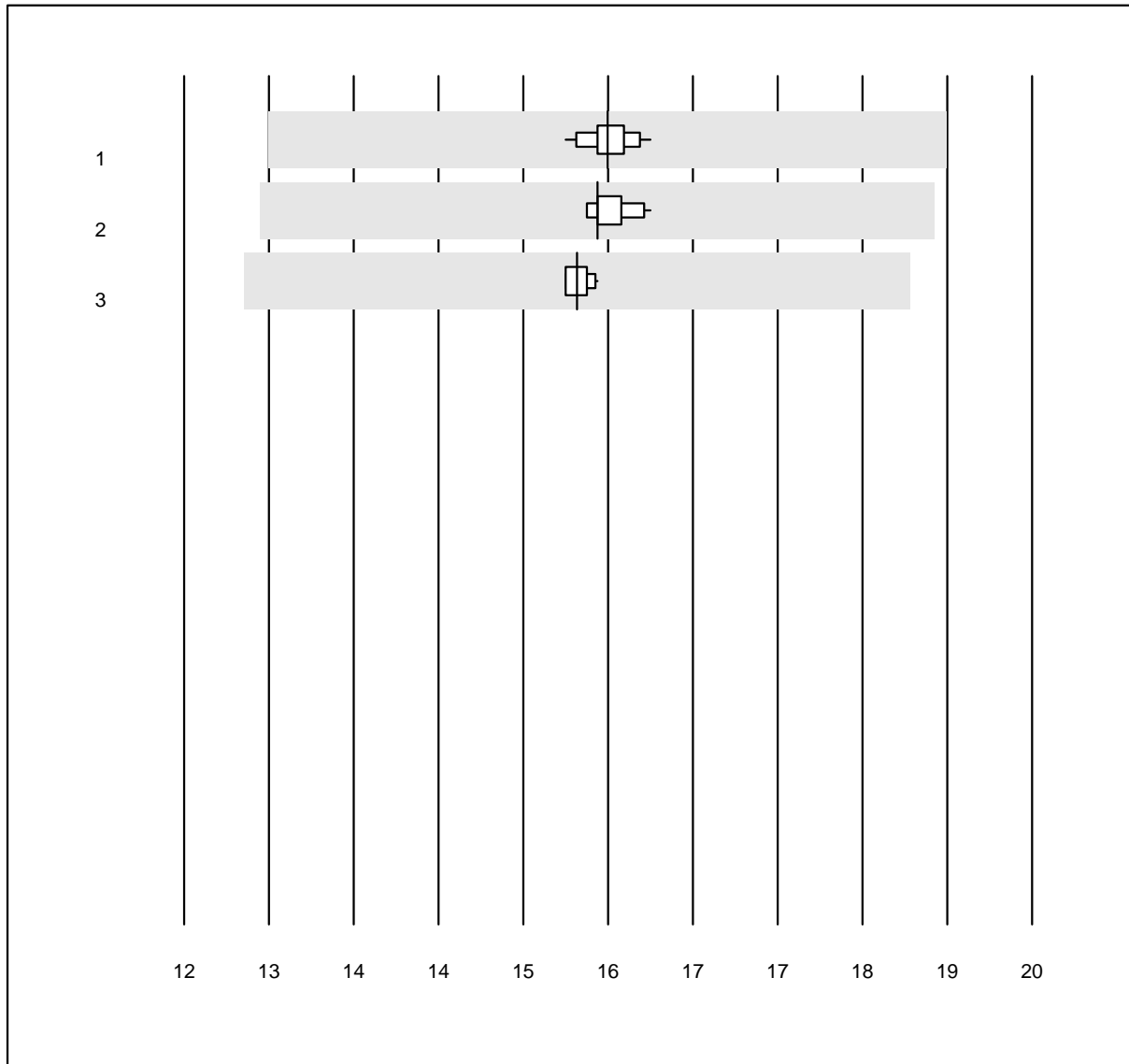


MQ Toleranz: 20%

O2Hb (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 RAPIDPoint 500	29	100.0	0.0	0.0	83.3	0.3	e
2 GEM	12	100.0	0.0	0.0	82.8	0.3	e
3 Cobas b 123	11	100.0	0.0	0.0	83.3	0.2	e

COHb



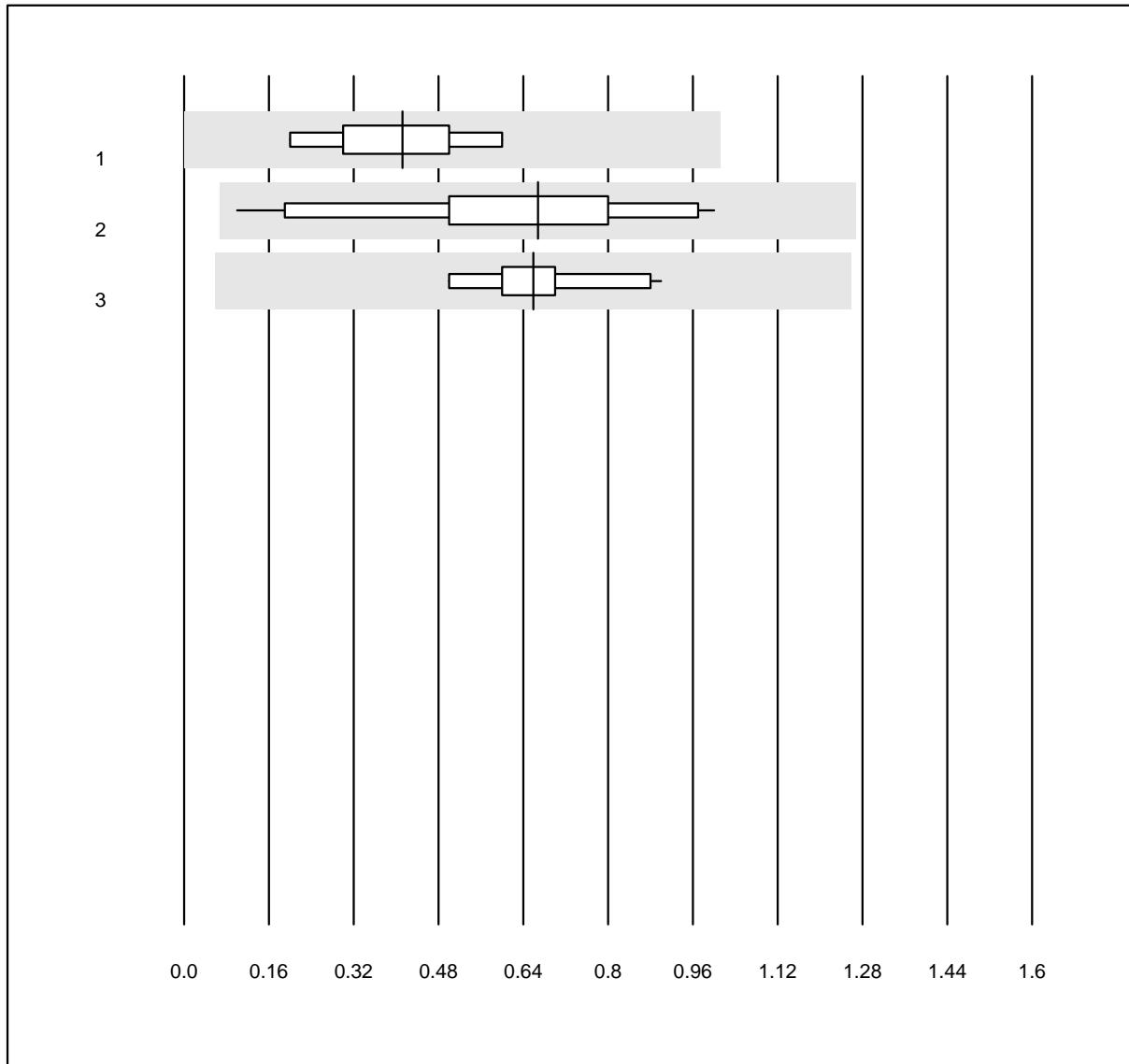
MQ Toleranz: 20%

COHb (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 RAPIDPoint 500	29	100.0	0.0	0.0	16.0	1.3	e
2 GEM	12	100.0	0.0	0.0	15.9	1.2	e
3 Cobas b 123	11	100.0	0.0	0.0	15.7	0.7	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

MetHb

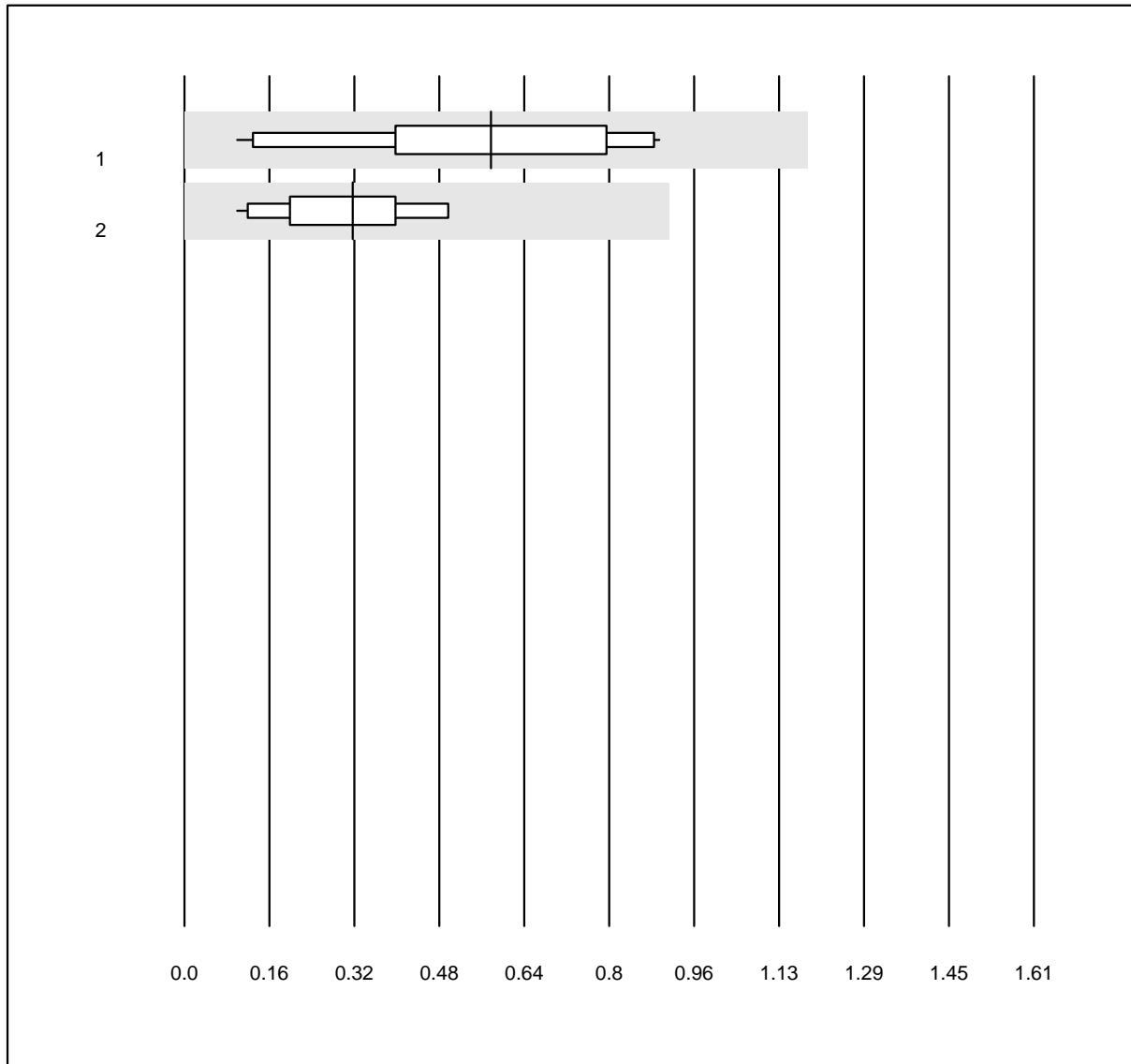


MQ Toleranz: 20%
(< 3.0: +/- 0.6 %)

MetHb (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 RAPIDPoint 500	29	100.0	0.0	0.0	0.4	28.6	e
2 GEM	12	100.0	0.0	0.0	0.7	38.0	e*
3 Cobas b 123	11	100.0	0.0	0.0	0.7	18.2	e

HHb

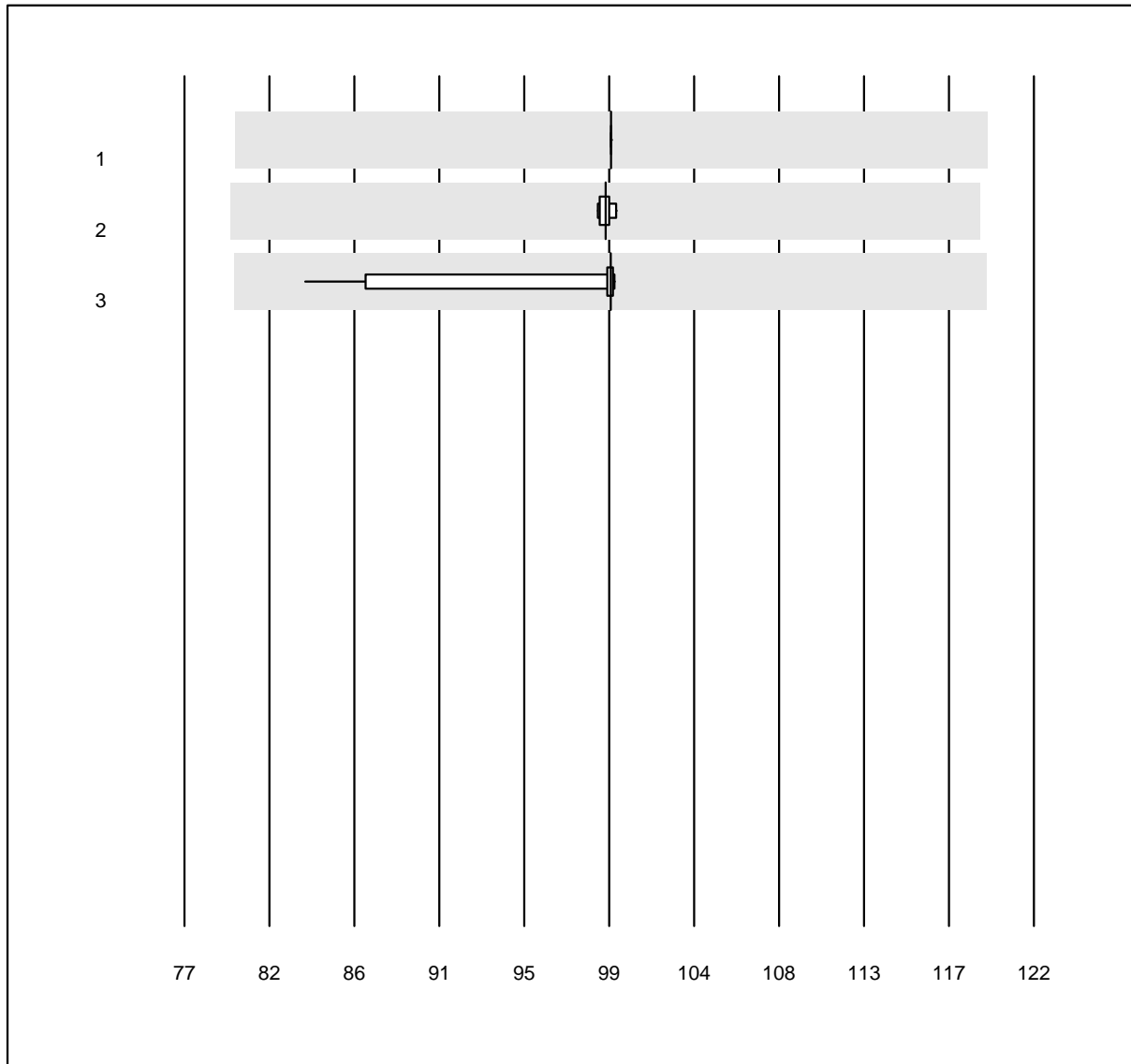


MQ Toleranz: 20%
(< 3.0: +/- 0.6 %)

HHb (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 GEM	10	100.0	0.0	0.0	0.6	42.2	e*
2 Cobas b 123	11	100.0	0.0	0.0	0.3	39.3	e

sO2

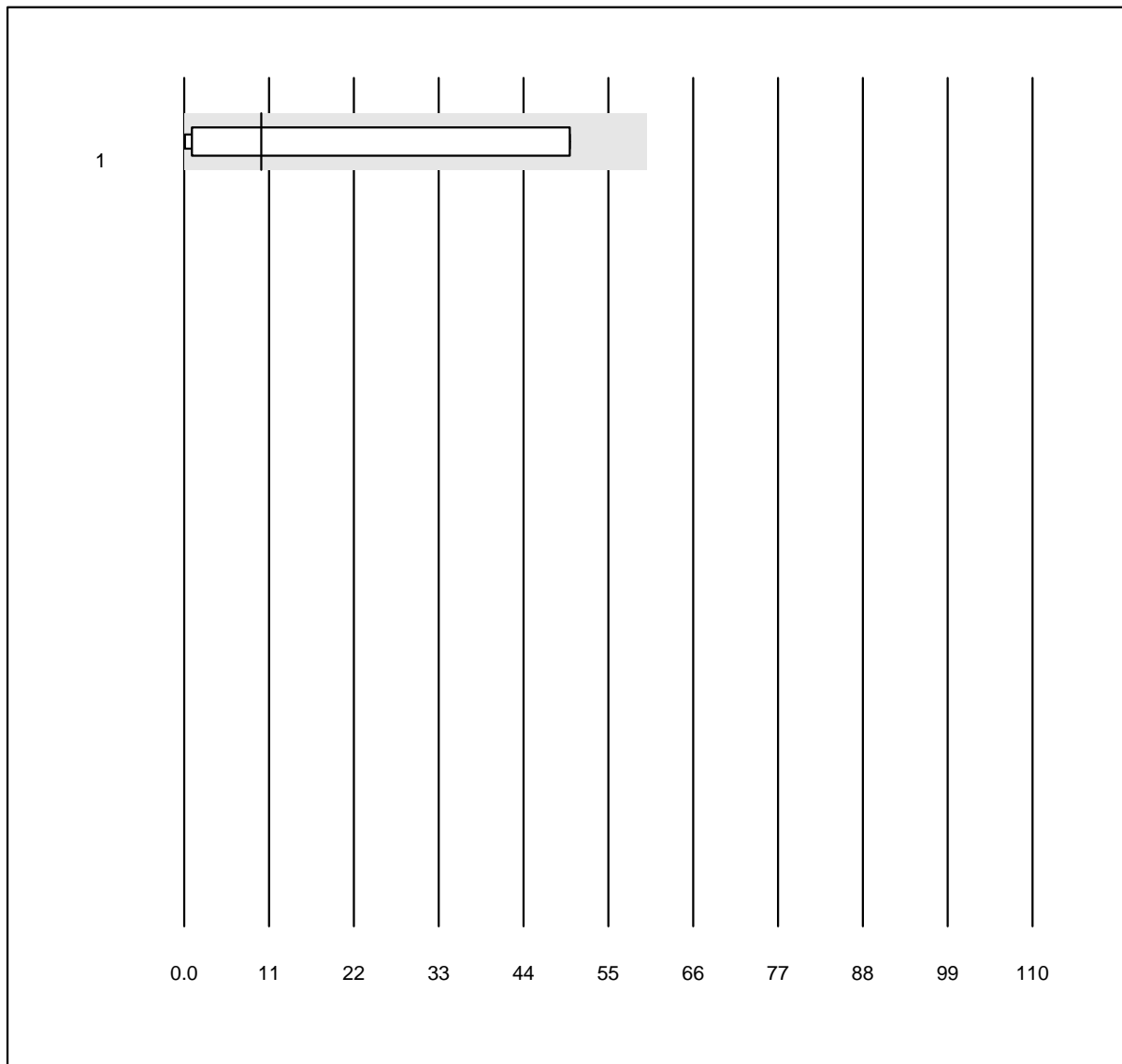


MQ Toleranz: 20%

sO2 (%)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 RAPIDPoint 500	27	100.0	0.0	0.0	99.6	0.0	e
2 GEM	12	100.0	0.0	0.0	99.3	0.3	e
3 Cobas b 123	11	100.0	0.0	0.0	99.6	5.0	e

Occult blood qn

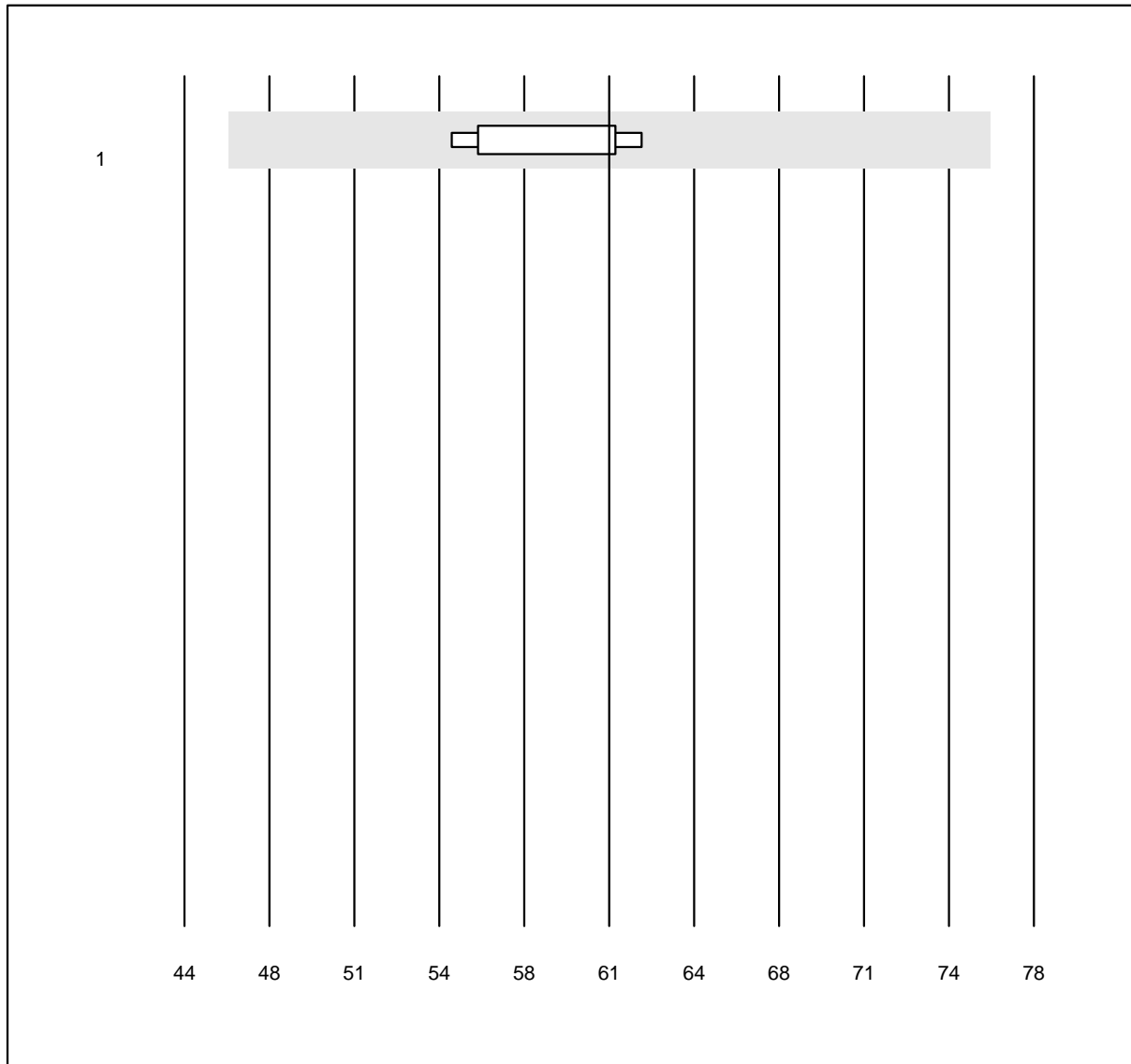


QUALAB Toleranz: 30%
(< 50.0: +/- 50.0 ng/ml)

Occult blood qn (ng/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 OC-Sensor	10	100.0	0.0	0.0	10	91.4	a

Amylase

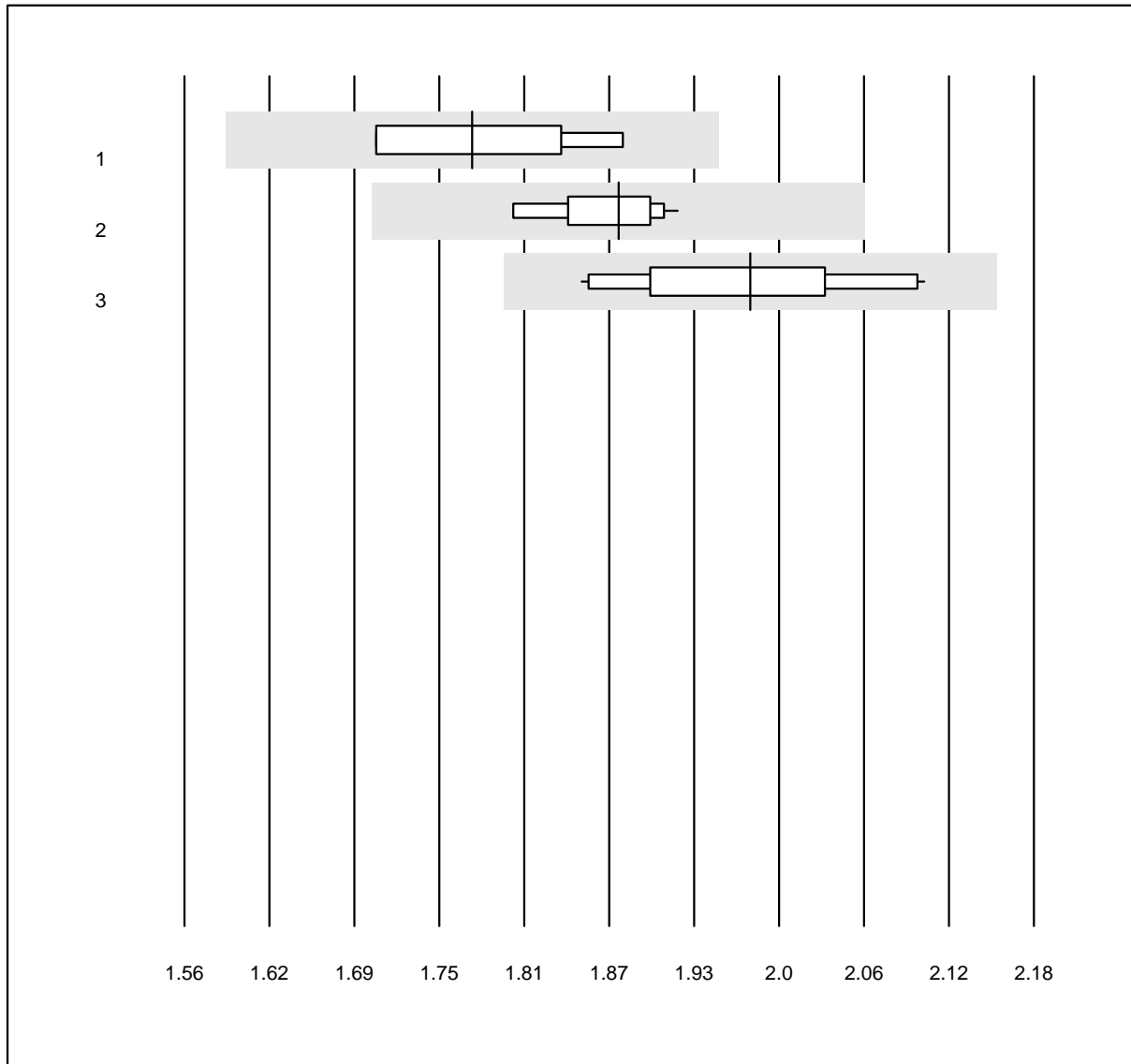


MQ Toleranz: 25%

Amylase (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 IFCC	6	100.0	0.0	0.0	61	5.1	e

Calcium

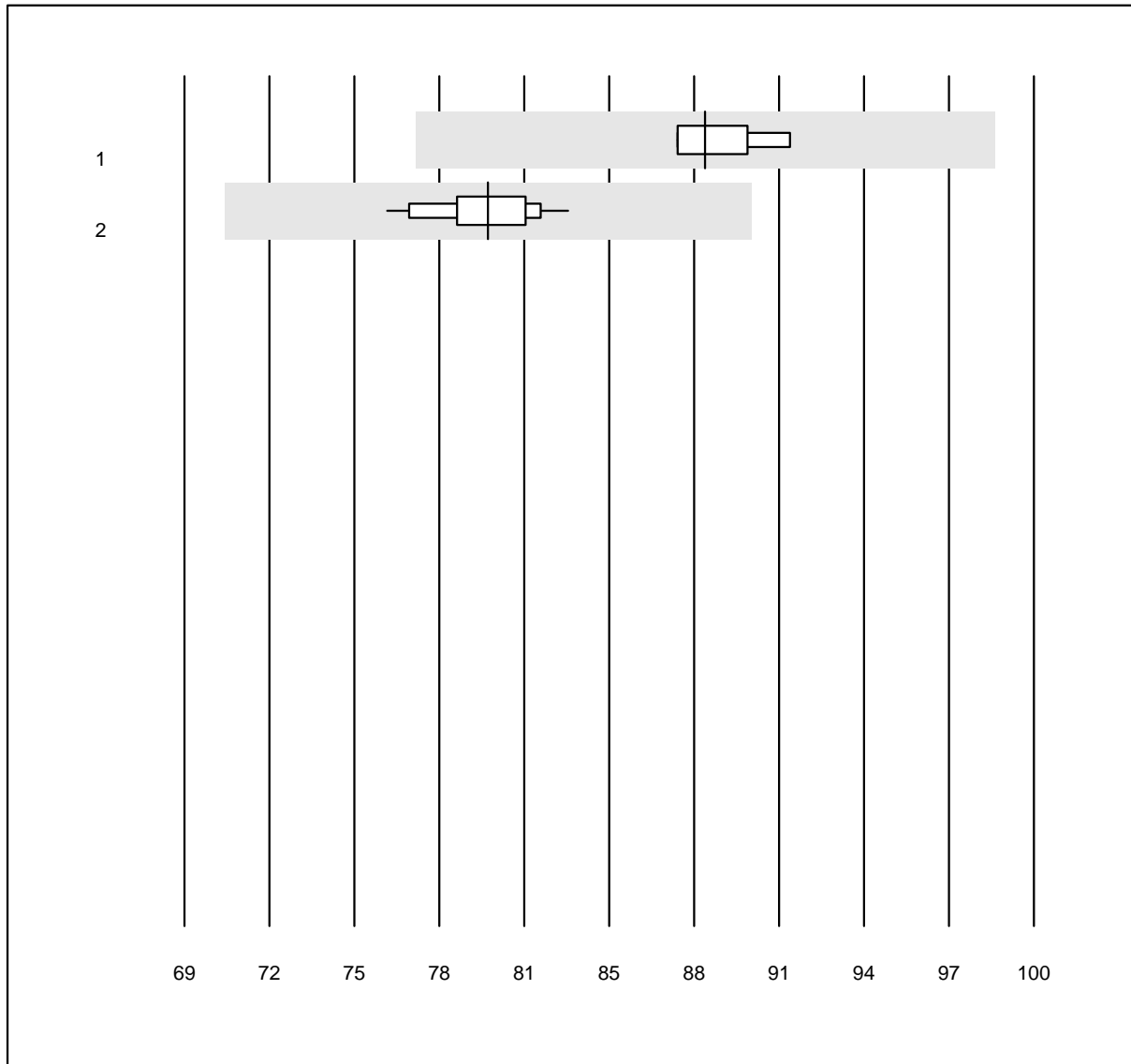


MQ Toleranz: 9%
(< 2.0: +/- 0.18 mmol/l)

Calcium (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	5	100.0	0.0	0.0	1.77	4.0	e*
2 Roche	26	100.0	0.0	0.0	1.88	2.0	e
3 Other methods	10	100.0	0.0	0.0	1.97	3.9	e*

Chloride



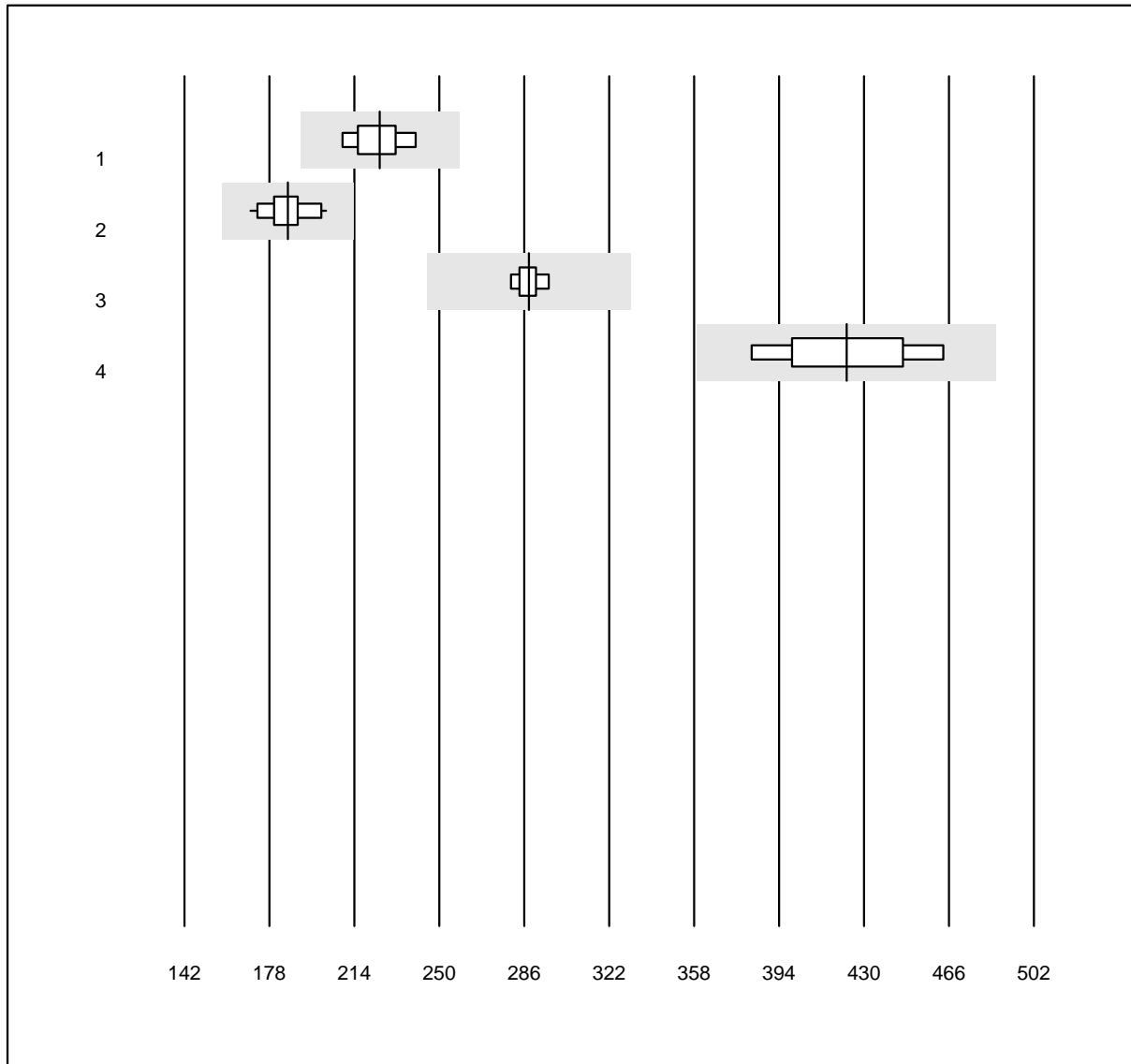
MQ Toleranz: 12%

Chloride (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	88	1.7	e
2 Roche	21	100.0	0.0	0.0	80	2.2	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Protein

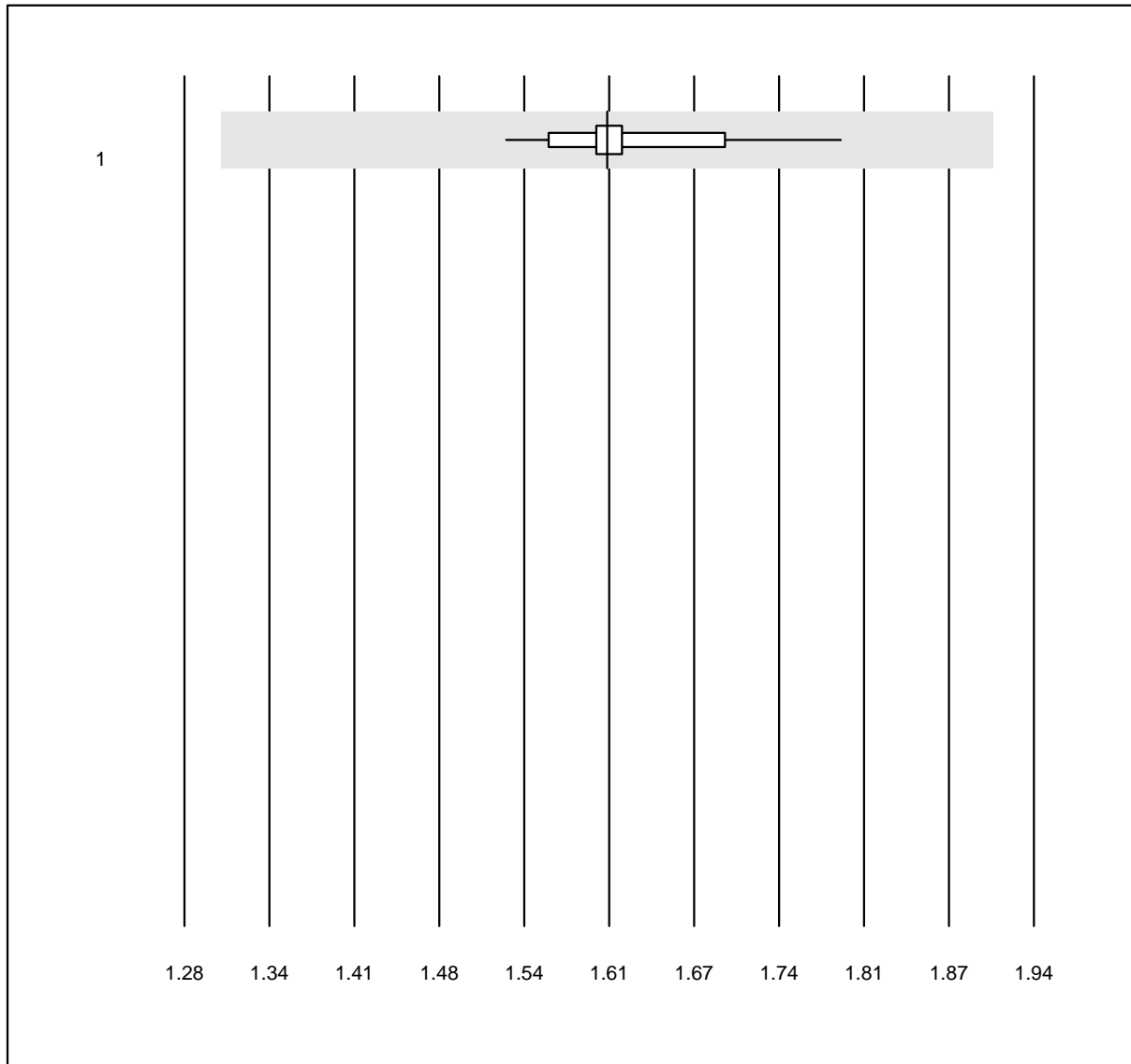


QUALAB Toleranz: 15%

Protein (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	9	100.0	0.0	0.0	224.8	4.4	e
2 Roche	32	100.0	0.0	0.0	185.8	4.6	e
3 Siemens	6	83.3	0.0	16.7	288.0	1.5	e
4 Other methods	5	100.0	0.0	0.0	422.7	6.0	e*

Glucose



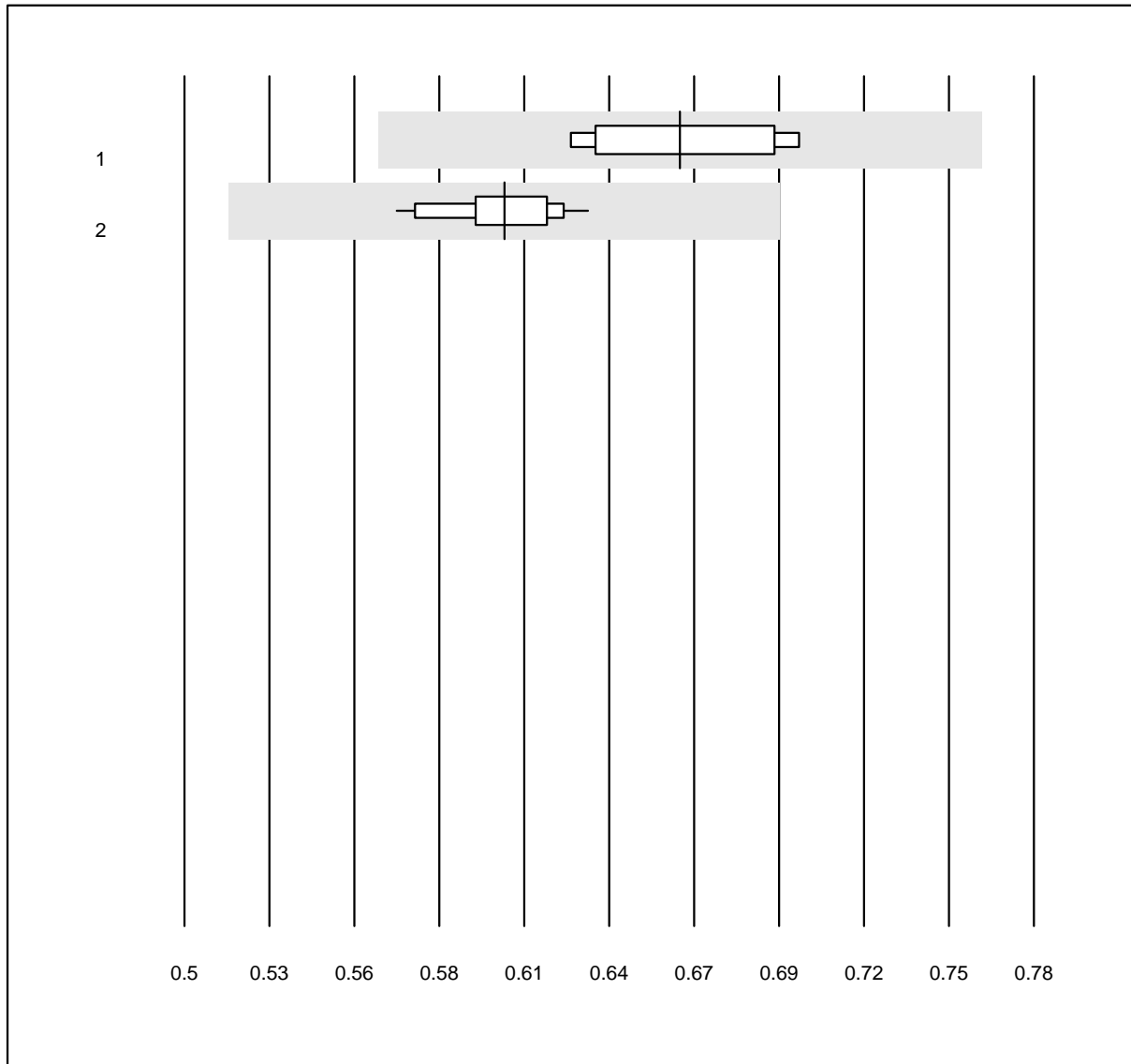
QUALAB Toleranz: 9%
(< 3.3: +/- 0.3 mmol/l)

Glucose (mmol/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Standard chemistry	32	100.0	0.0	0.0	1.6	3.3	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Uric Acid



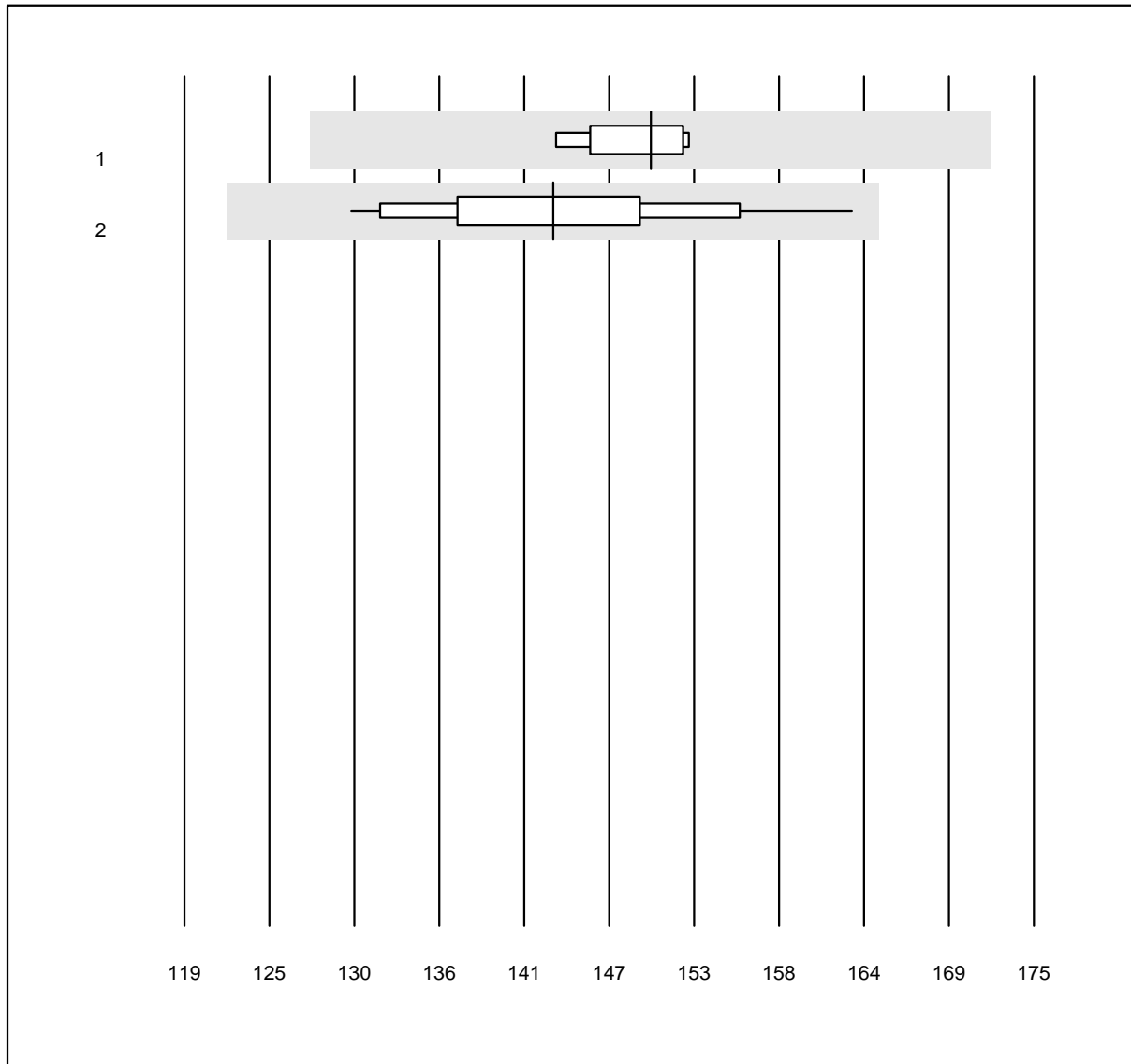
MQ Toleranz: 15%

Uric Acid (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Siemens	5	100.0	0.0	0.0	0.66	4.5	e*
2 Standard chemistry	29	100.0	0.0	0.0	0.61	2.9	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Urea

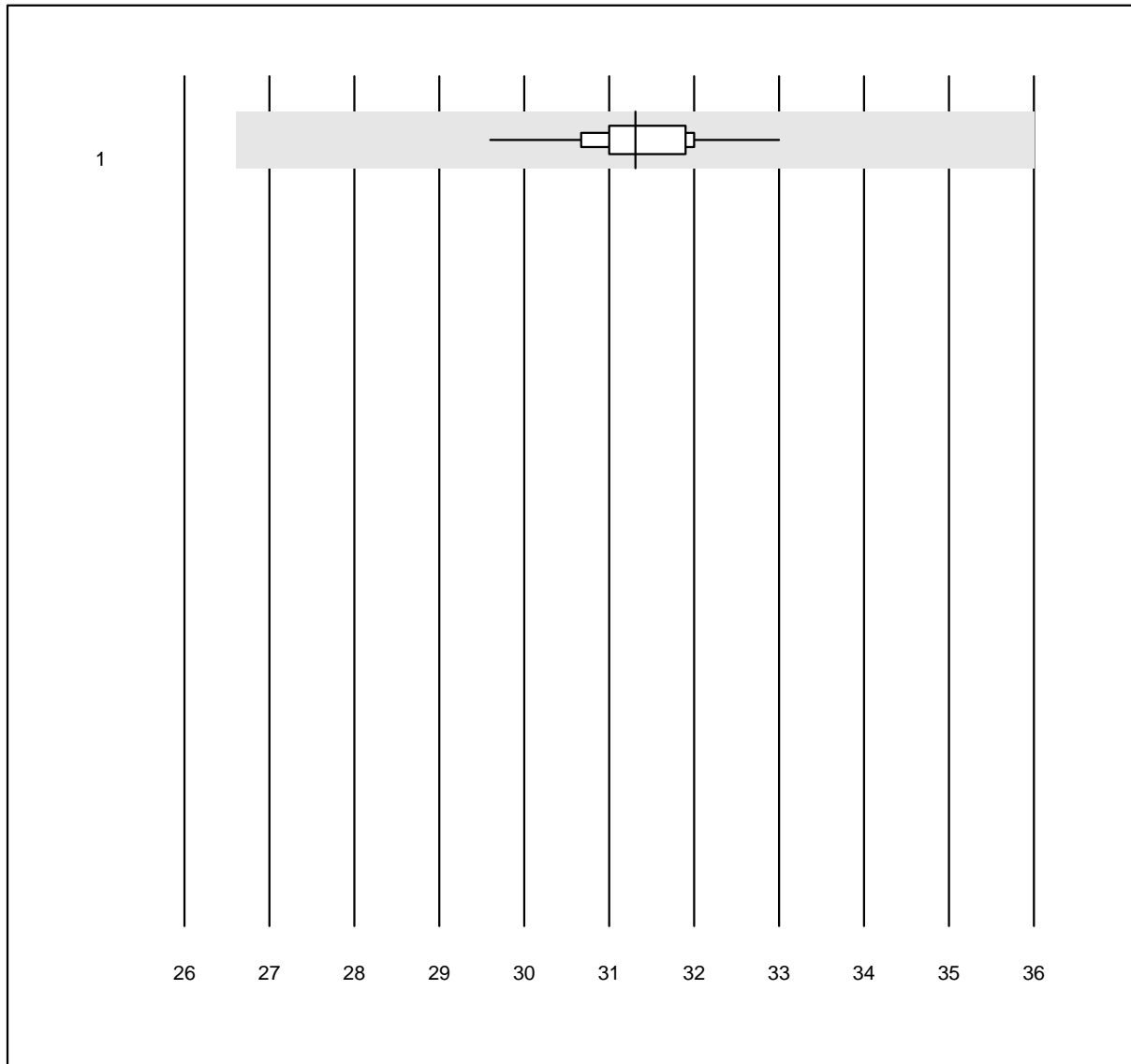


MQ Toleranz: 15%

Urea (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Vitros	4	100.0	0.0	0.0	150	2.2	e
2 Standard chemistry	42	100.0	0.0	0.0	143	5.7	e

Potassium

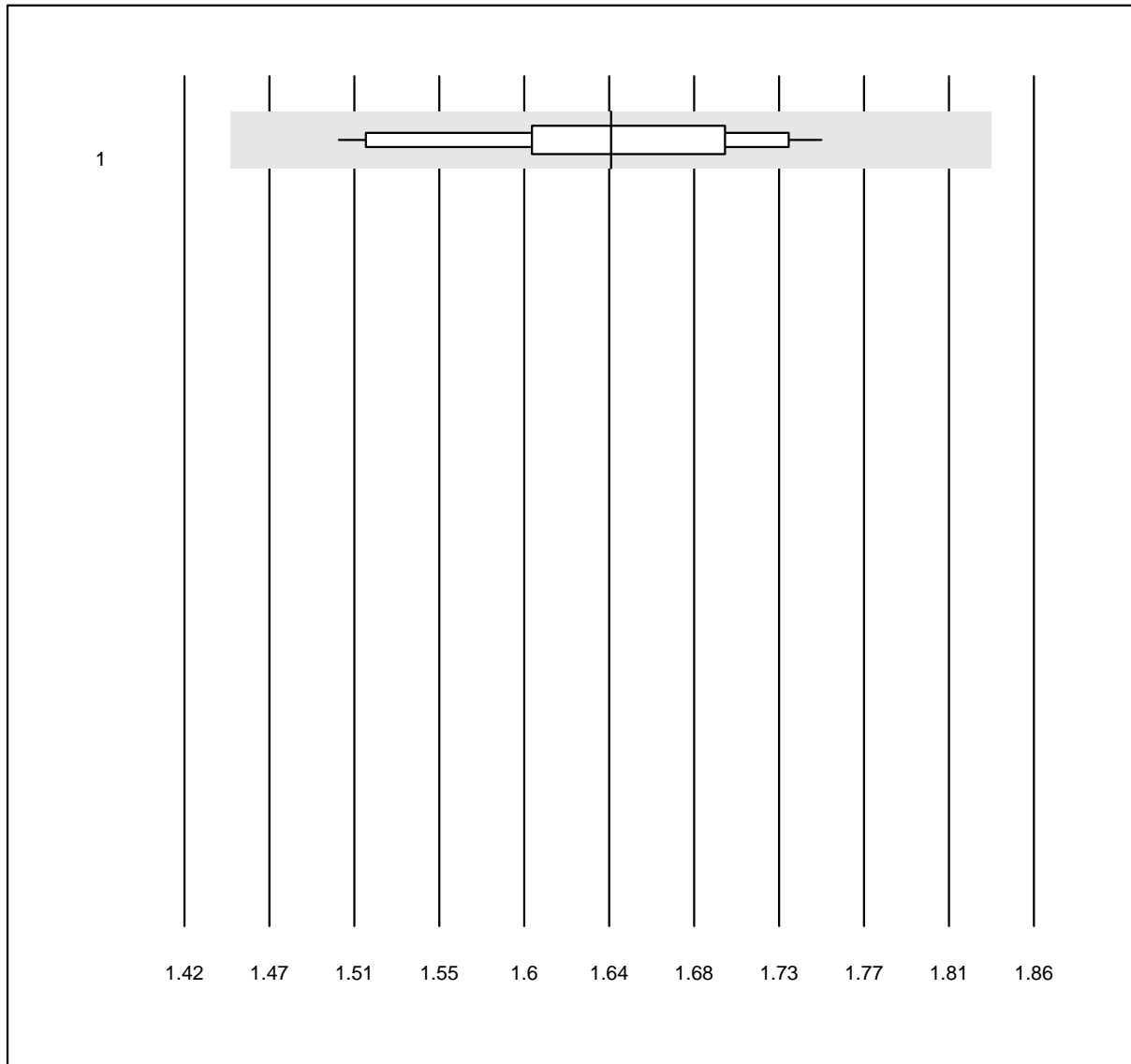


MQ Toleranz: 15%

Potassium (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	46	100.0	0.0	0.0	31	2.2	e

Magnesium



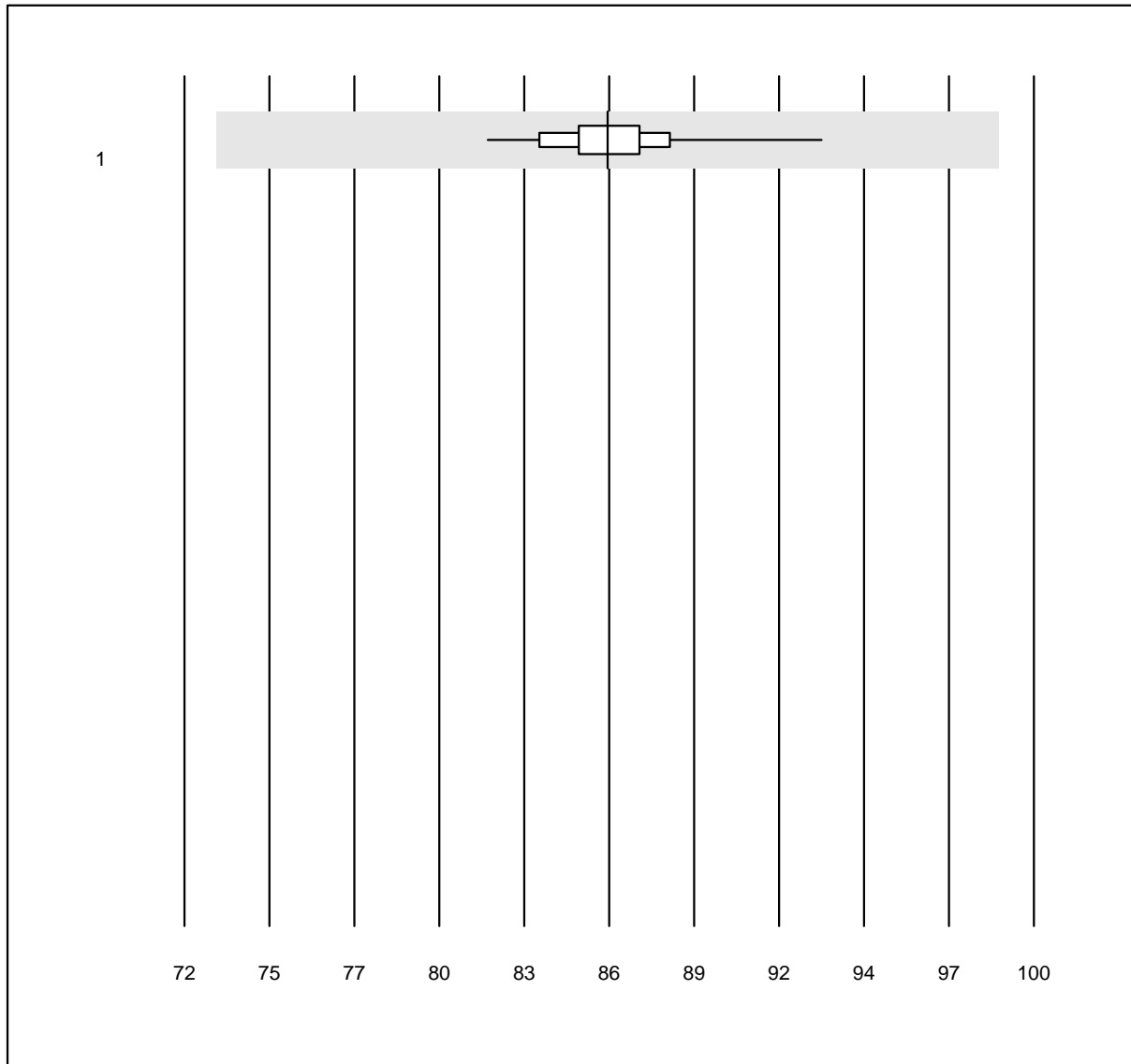
MQ Toleranz: 12%

Magnesium (mmol/l)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Standard chemistry	27	96.3	0.0	3.7	1.64	4.3	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Sodium

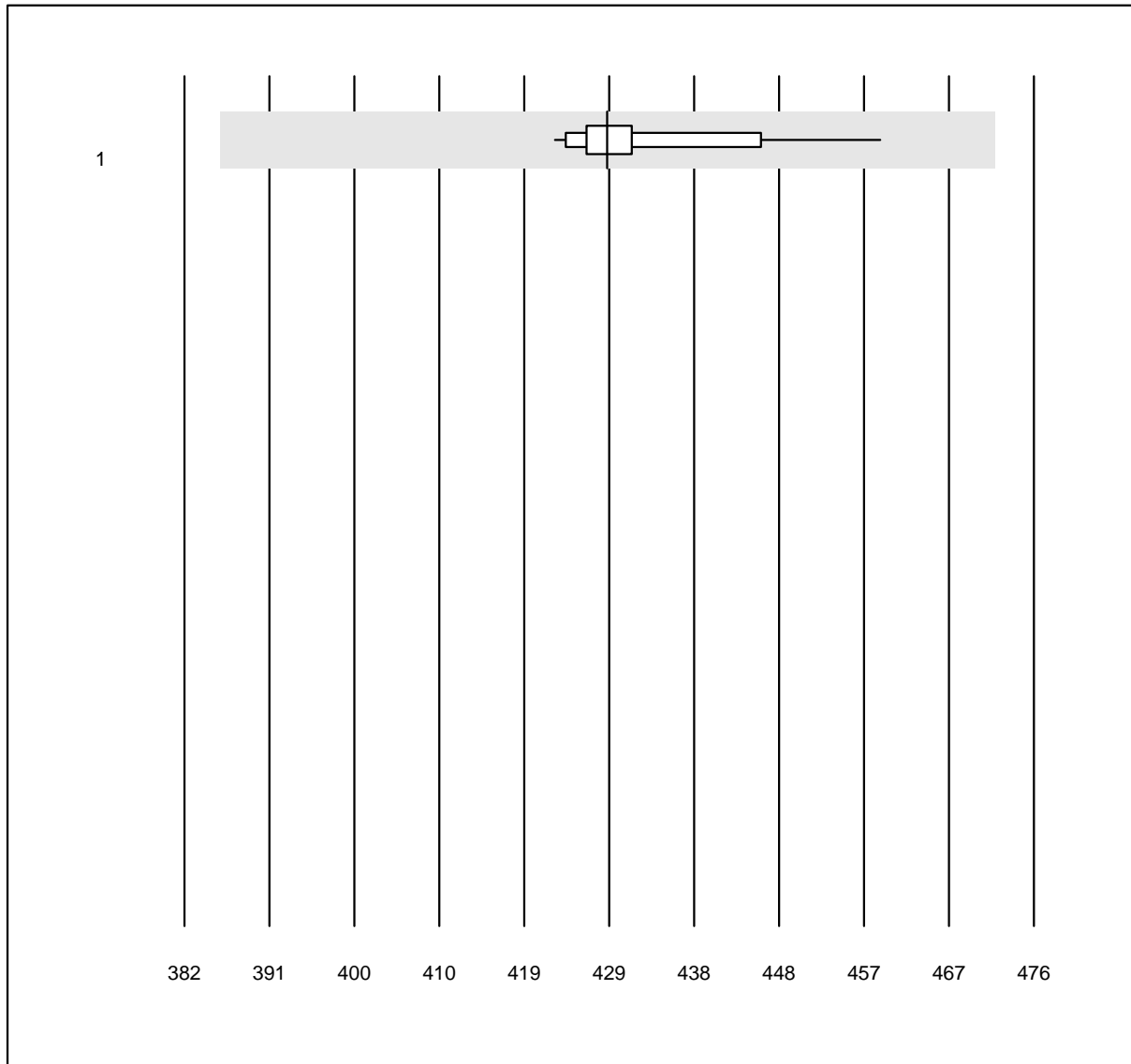


MQ Toleranz: 15%

Sodium (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	46	100.0	0.0	0.0	86	2.3	e

Osmolality

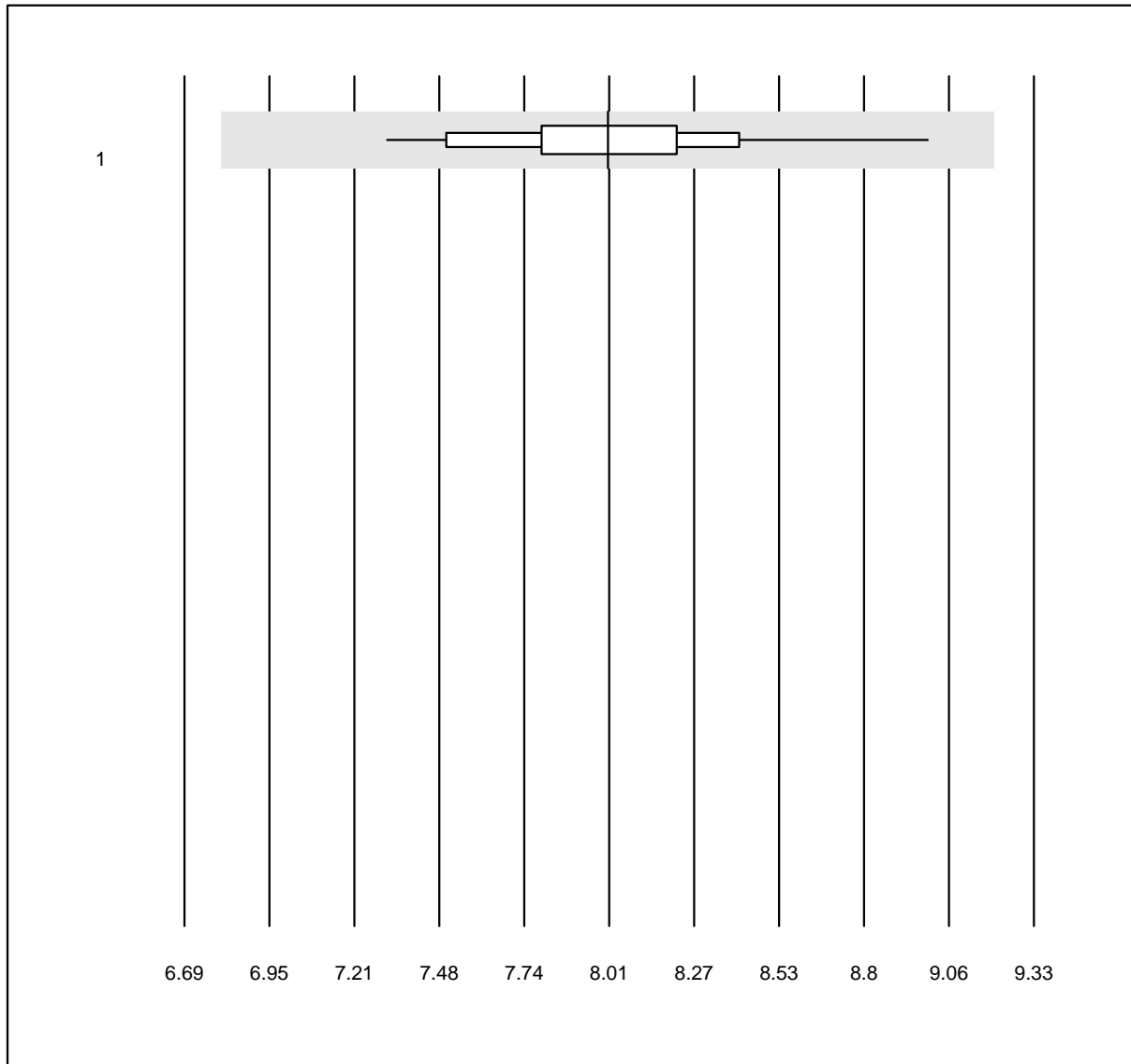


MQ Toleranz: 10%

Osmolality (mosm/kg)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Cryoskopy	25	100.0	0.0	0.0	429	2.0	e

Phosphate



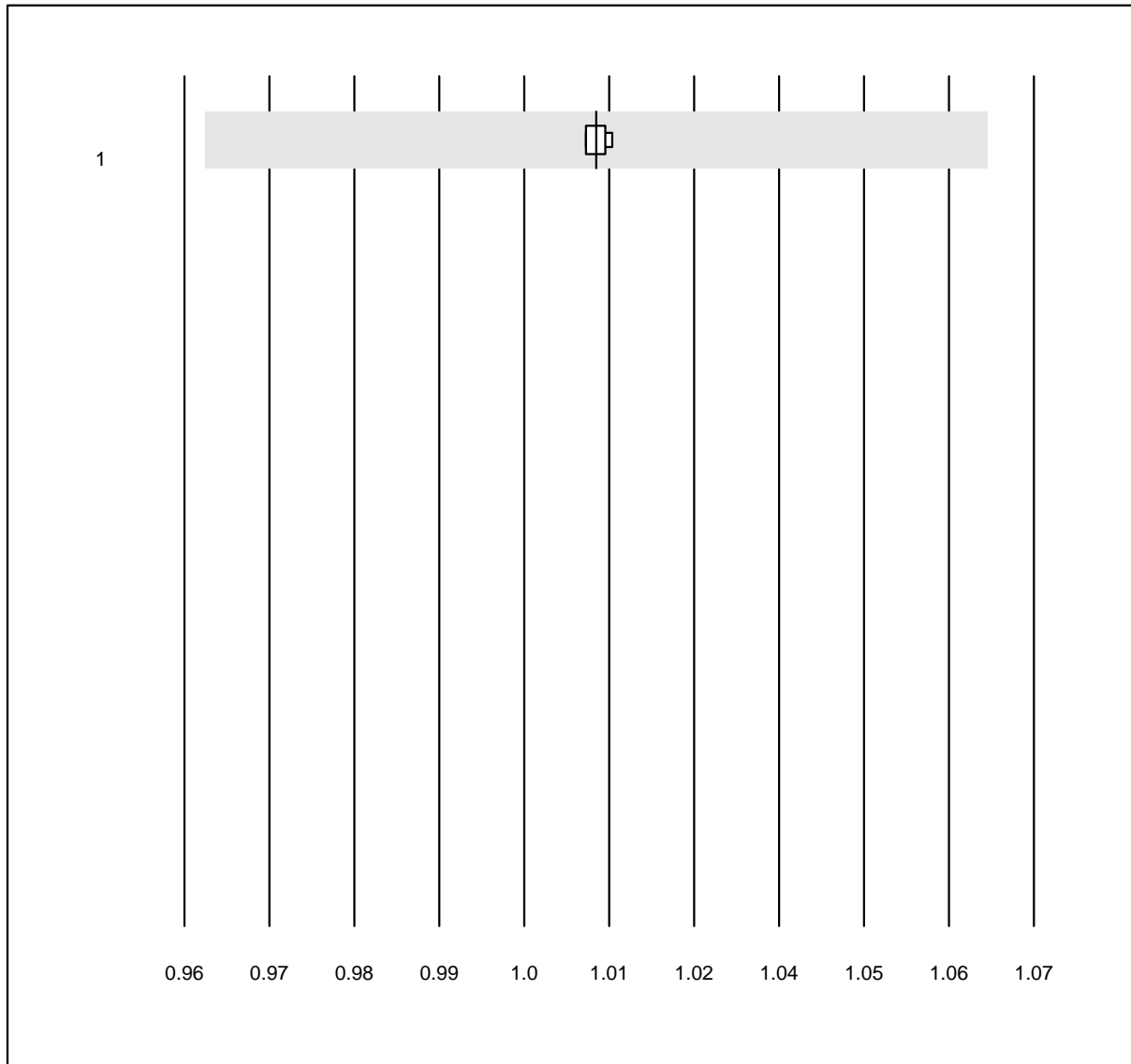
MQ Toleranz: 15%

Phosphate (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Standard chemistry	31	100.0	0.0	0.0	8.0	4.4	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Specific Gravity

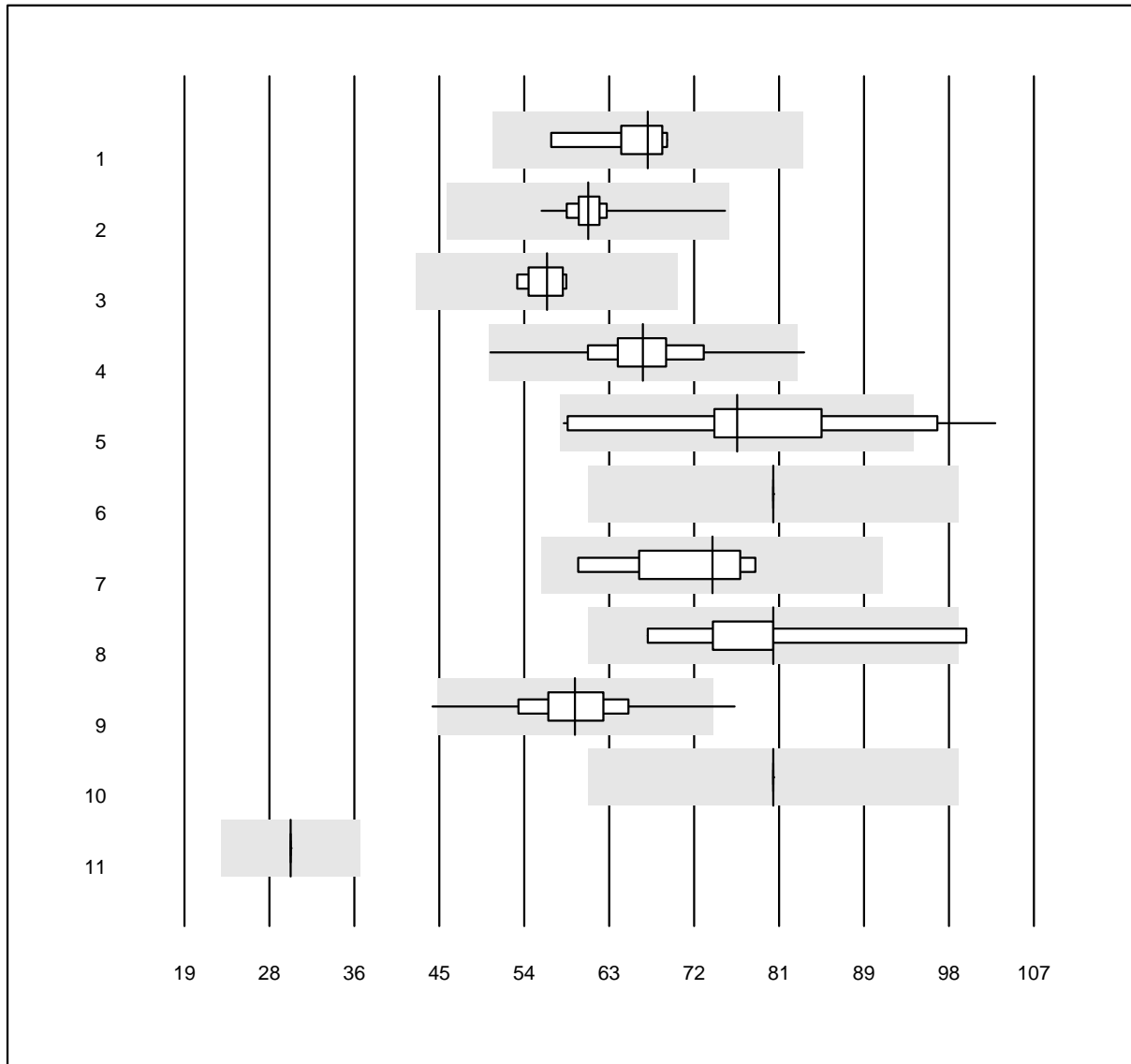


MQ Toleranz: 5%

Specific Gravity (g/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Refractometer	5	100.0	0.0	0.0	1.013	0.1	e

Creatinine U

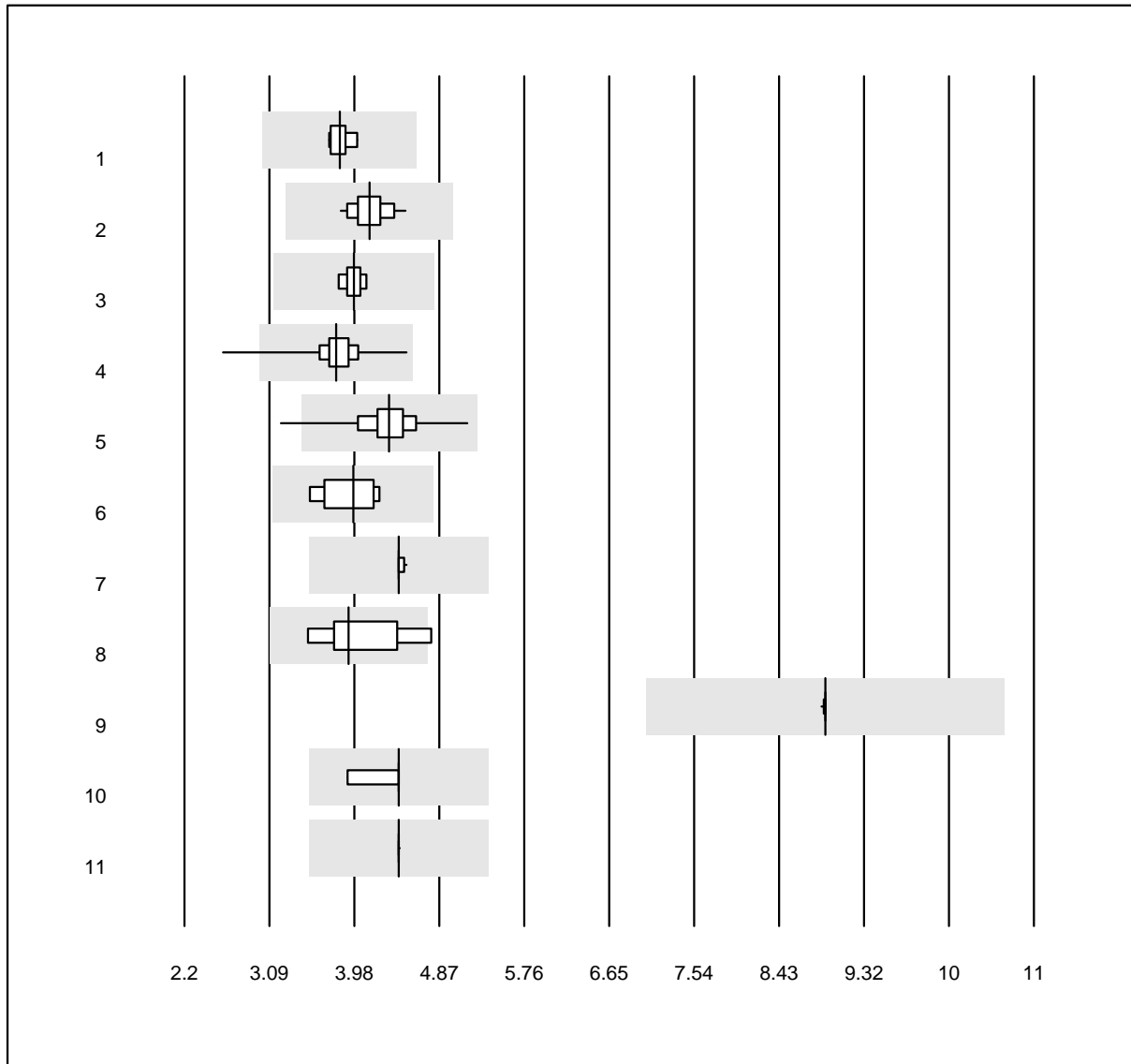


QUALAB Toleranz: 24%

Creatinine U (mg/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	8	100.0	0.0	0.0	67.0	5.7	e
2 Roche	30	100.0	0.0	0.0	60.8	5.0	e
3 Siemens	5	100.0	0.0	0.0	56.6	3.3	e
4 DCA Vantage	164	96.3	0.6	3.0	66.5	7.5	e
5 AFIAS	22	77.3	9.1	13.6	76.3	15.1	e*
6 Sysmex U	17	82.4	0.0	17.6	80.0	0.0	e
7 Turbidimetry	4	100.0	0.0	0.0	73.7	8.0	e*
8 Aution	21	38.1	4.8	57.1	80.0	12.0	a
9 Afinion	553	97.6	0.4	2.0	59.5	7.6	e
10 Siemens Clinitek	22	81.8	0.0	18.2	80.0	0.0	e
11 Other methods	10	80.0	0.0	20.0	30.0	0.0	e

Creatinine urine



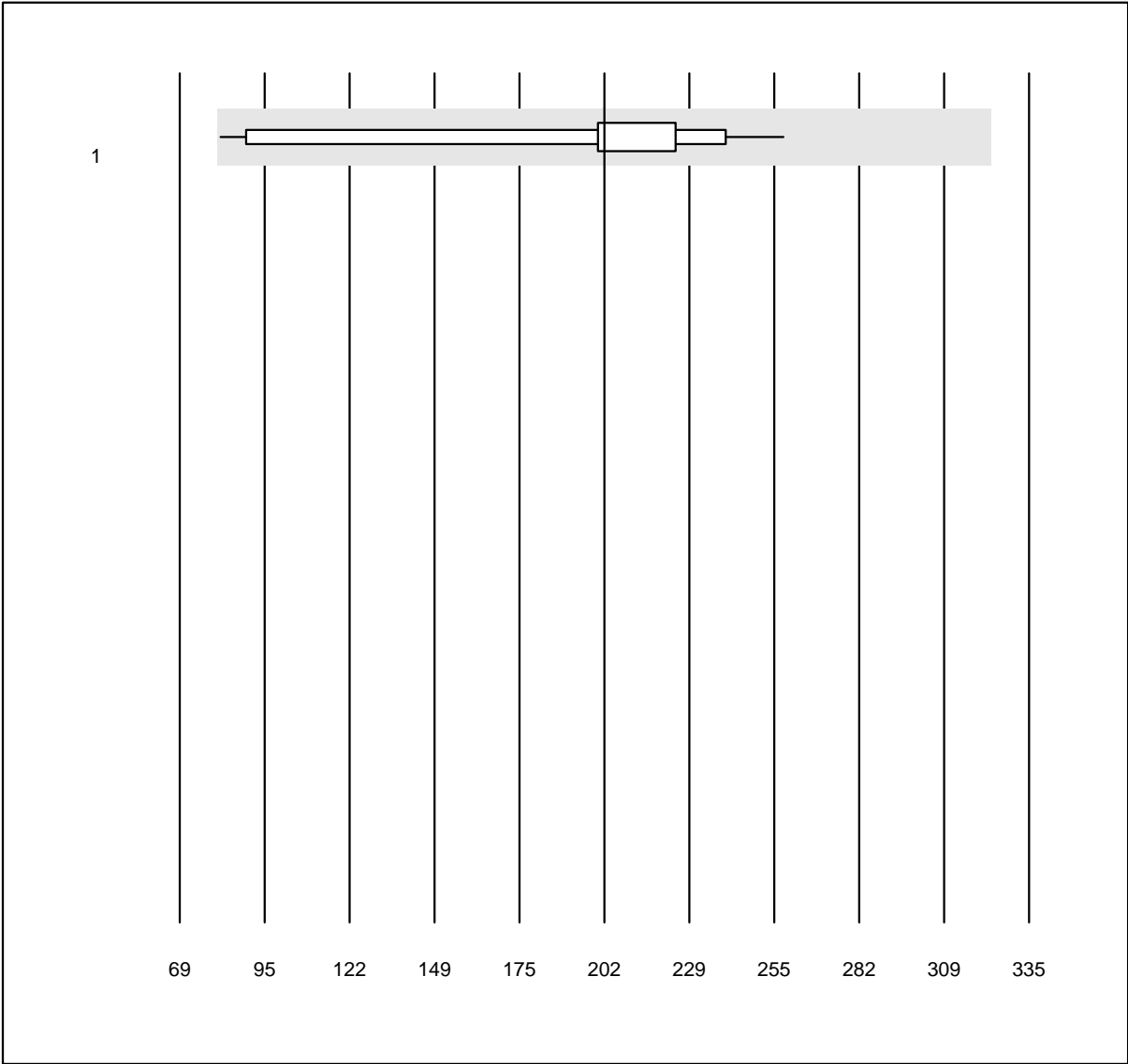
QUALAB Toleranz: 21%

Creatinine urine (mmol/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	9	100.0	0.0	0.0	3.8	2.5	e
2 Roche	38	100.0	0.0	0.0	4.1	4.2	e
3 Siemens	8	100.0	0.0	0.0	4.0	2.2	e
4 Afinion	549	98.0	0.5	1.5	3.8	5.4	e
5 DCA Vantage	164	94.5	1.8	3.7	4.3	6.5	e
6 Vitros	4	100.0	0.0	0.0	4.0	6.9	e*
7 Aution	21	57.1	0.0	42.9	4.4	0.5	a
8 Standard chemistry	5	100.0	0.0	0.0	3.9	9.4	a*
9 Siemens Clinitek	21	71.4	0.0	28.6	8.8	0.1	e
10 Sysmex U	14	92.9	0.0	7.1	4.4	4.6	a
11 Other methods	11	54.5	0.0	45.5	4.4	0.0	e

2 additional results were submitted but not published because the method groups were too small. (< results per group)

Erythrocytes



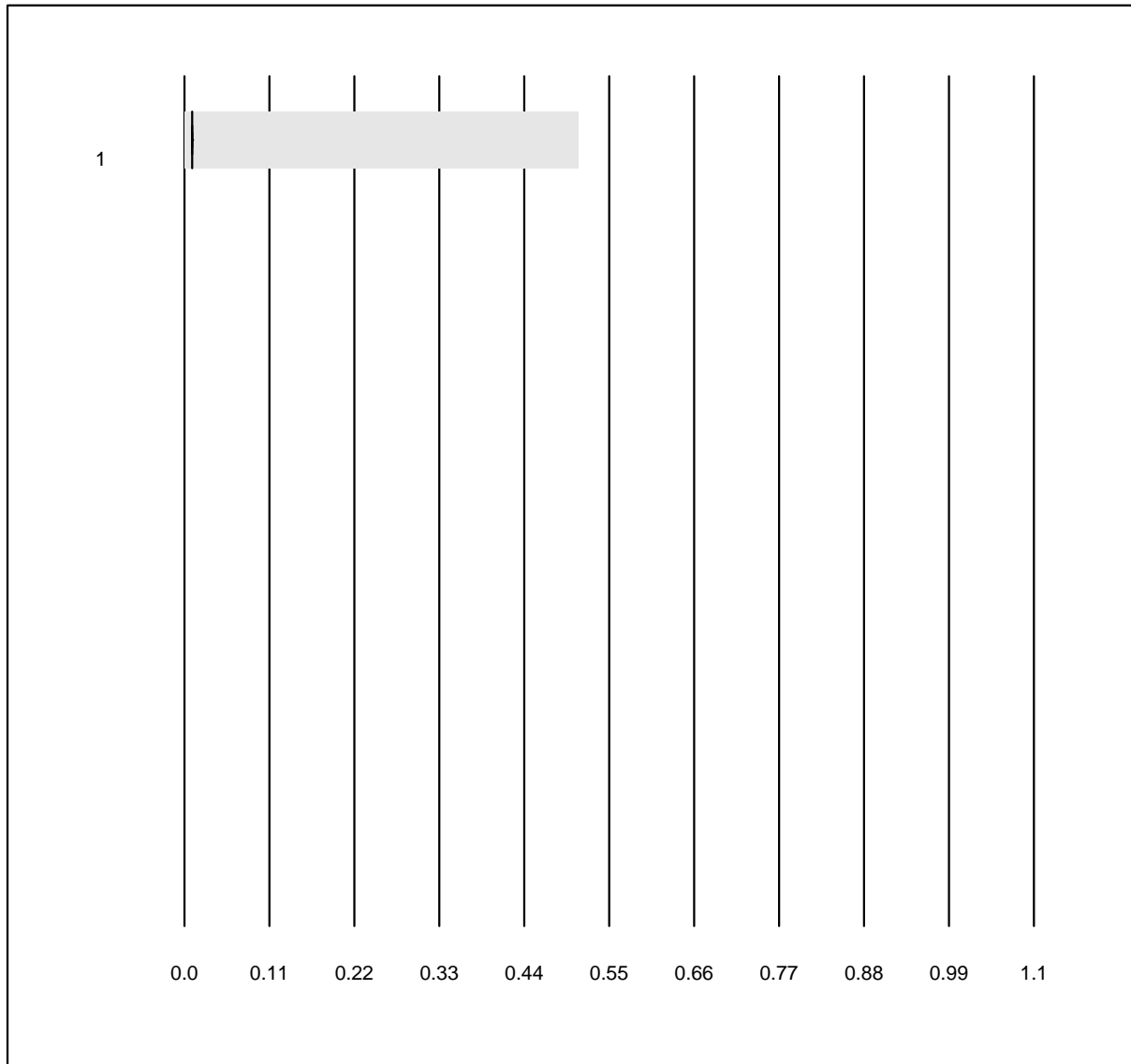
MQ Toleranz: 30%

Erythrocytes (/μl)

No.	Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1	Sysmex	19	100.0	0.0	0.0	202	25.6	a

2 additional results were submitted but not published because the method groups were too small. (< results per group)

CMV NAT qn

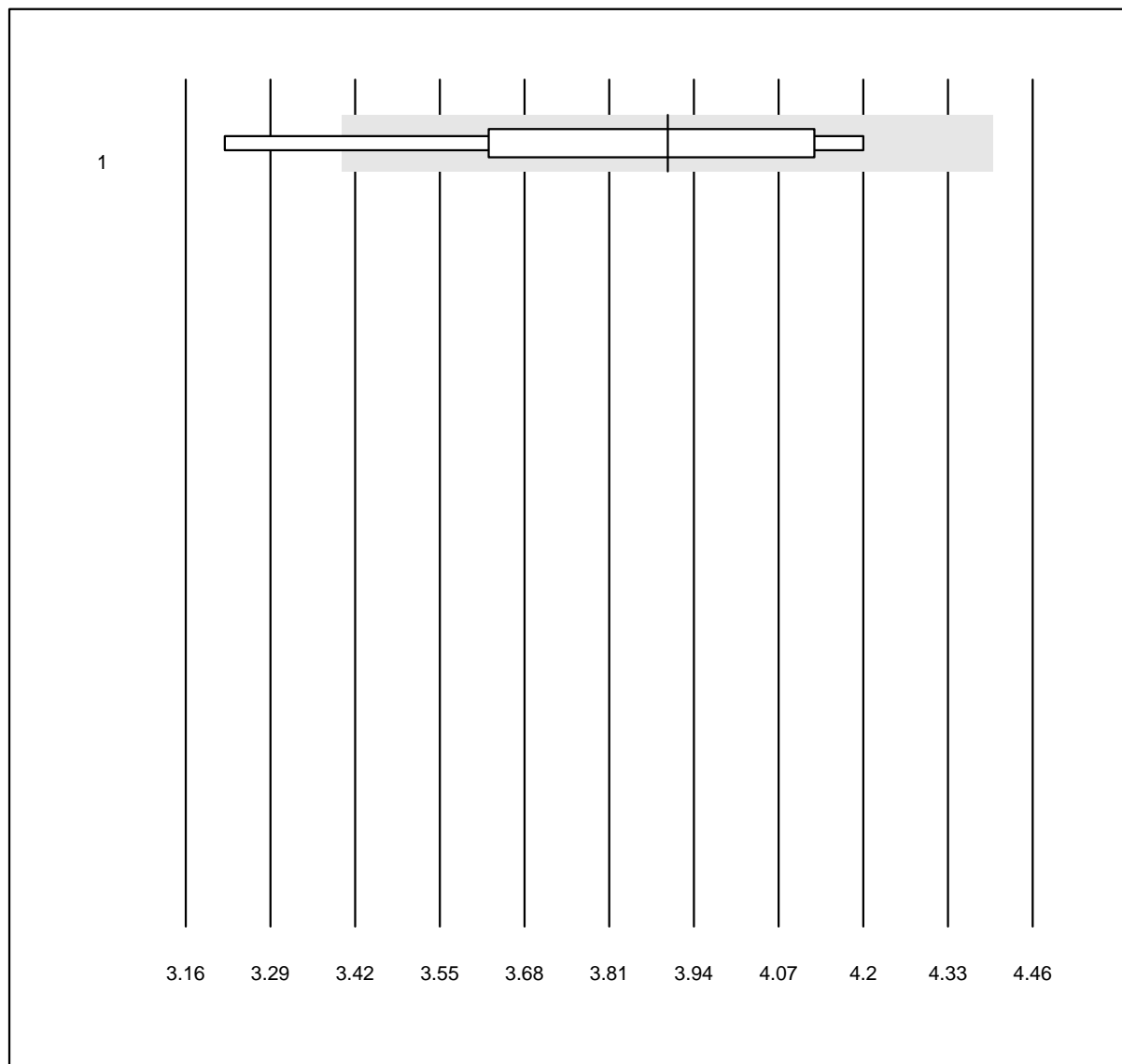


QUALAB Toleranz: 0%
(< 15.0: +/- 0.5 Log10 IU/ml)

CMV NAT qn (Log10 IU/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	5	100.0	0.0	0.0	0.01	0.0	e

EBV NAT qn

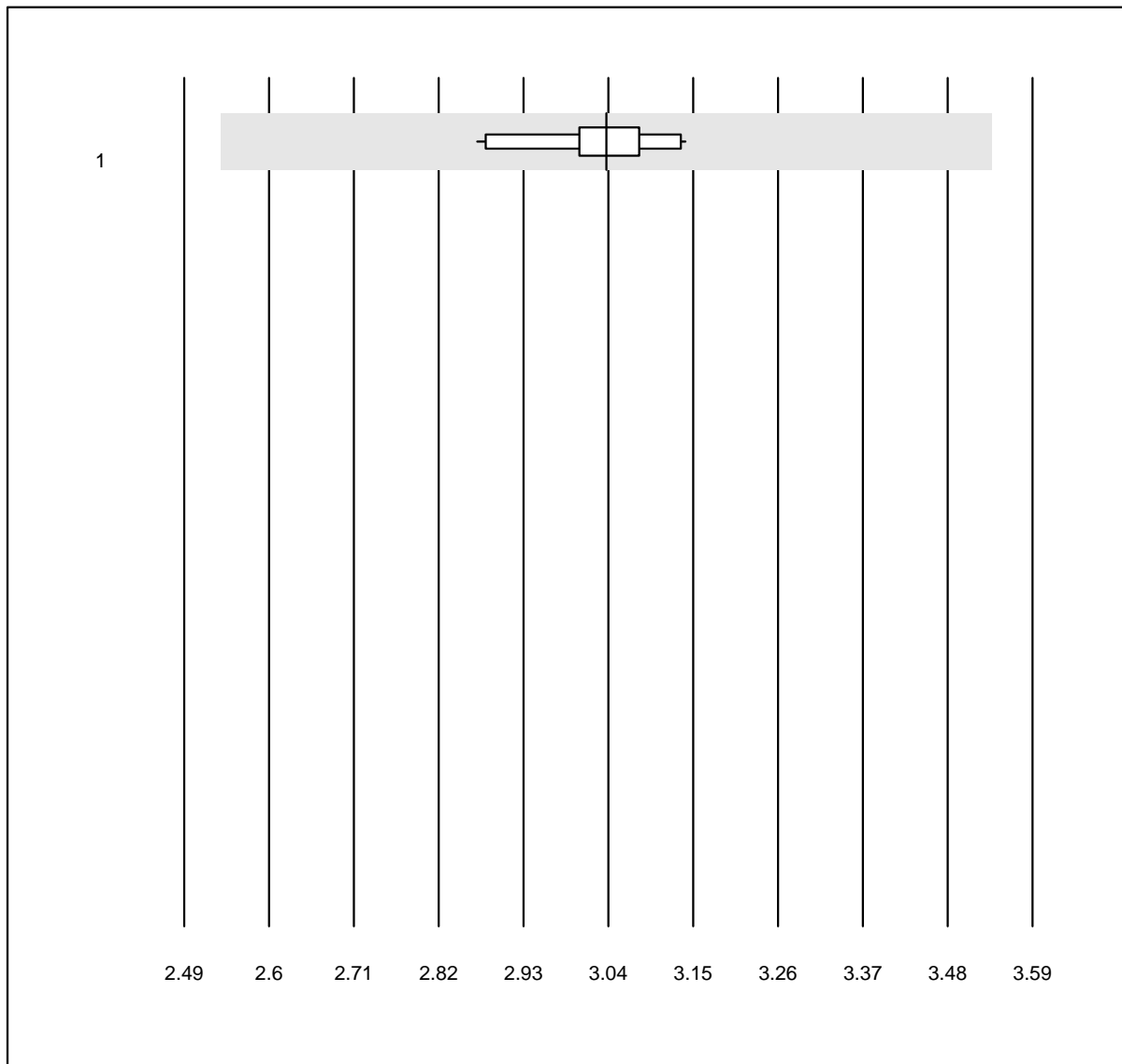


QUALAB Toleranz: 0%
(< 15.0: +/- 0.5 Log10 IU/ml)

EBV NAT qn (Log10 IU/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK % Type
1 all Participants	4	100.0	0.0	0.0	3.90	7.6 a*

HBV NAT qn

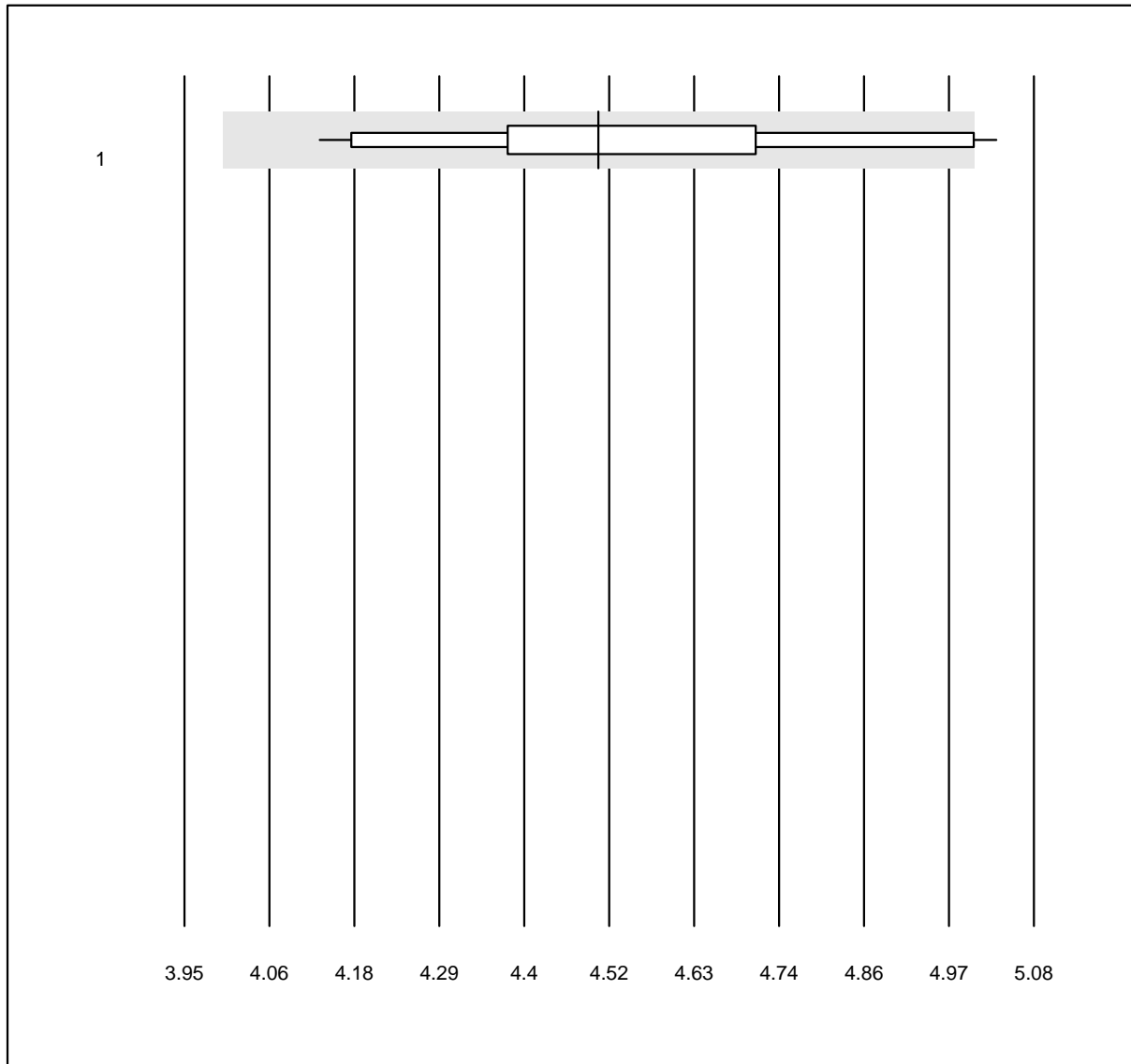


QUALAB Toleranz: 0%
(< 15.0: +/- 0.5 Log10 IU/ml)

HBV NAT qn (Log10 IU/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	10	100.0	0.0	0.0	3.04	2.4	e

HCV NAT qn

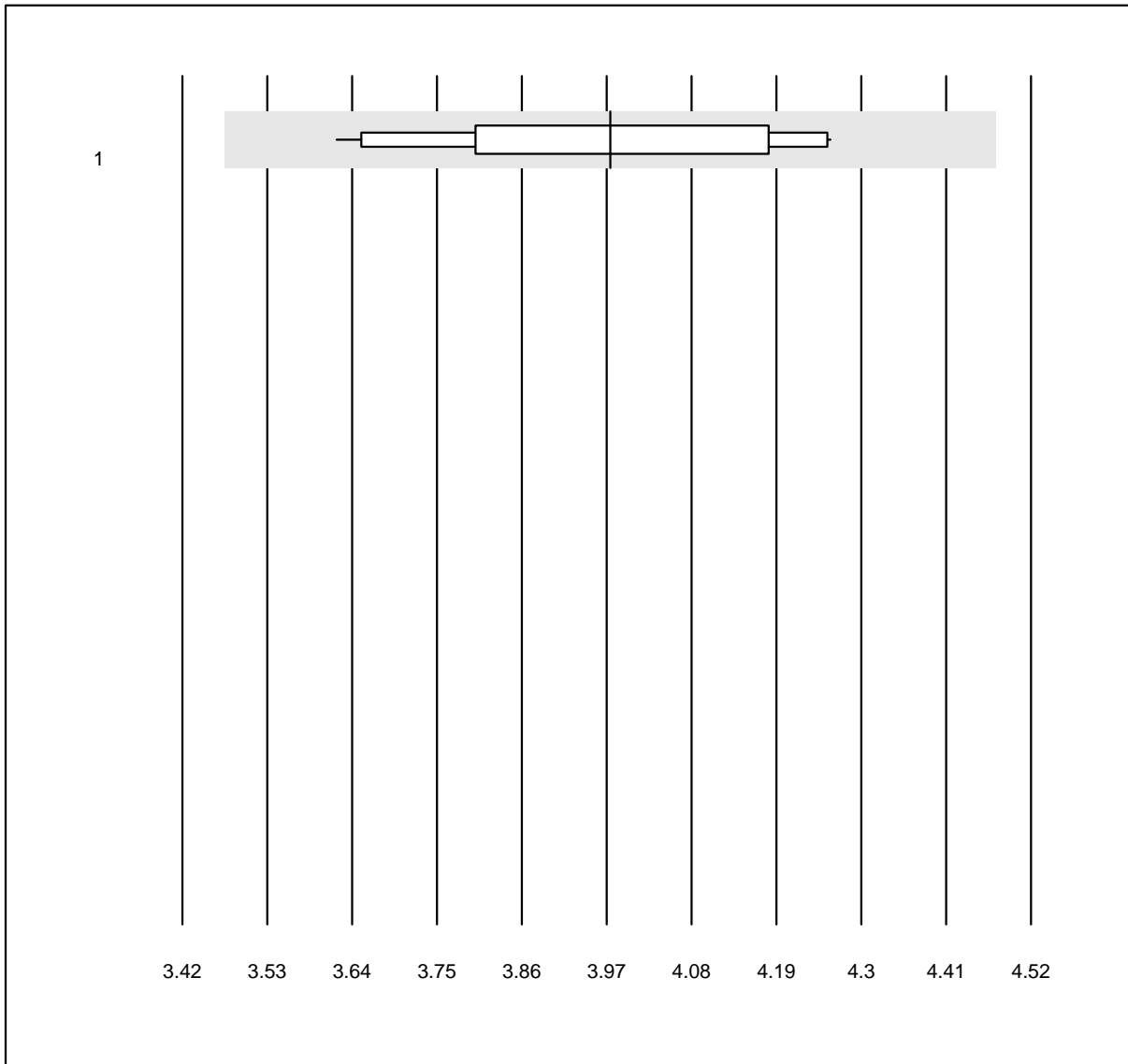


QUALAB Toleranz: 0%
(< 15.0: +/- 0.5 Log10 IU/ml)

HCV NAT qn (Log10 IU/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	11	90.9	9.1	0.0	4.50	5.7	e*

HIV1 NAT qn

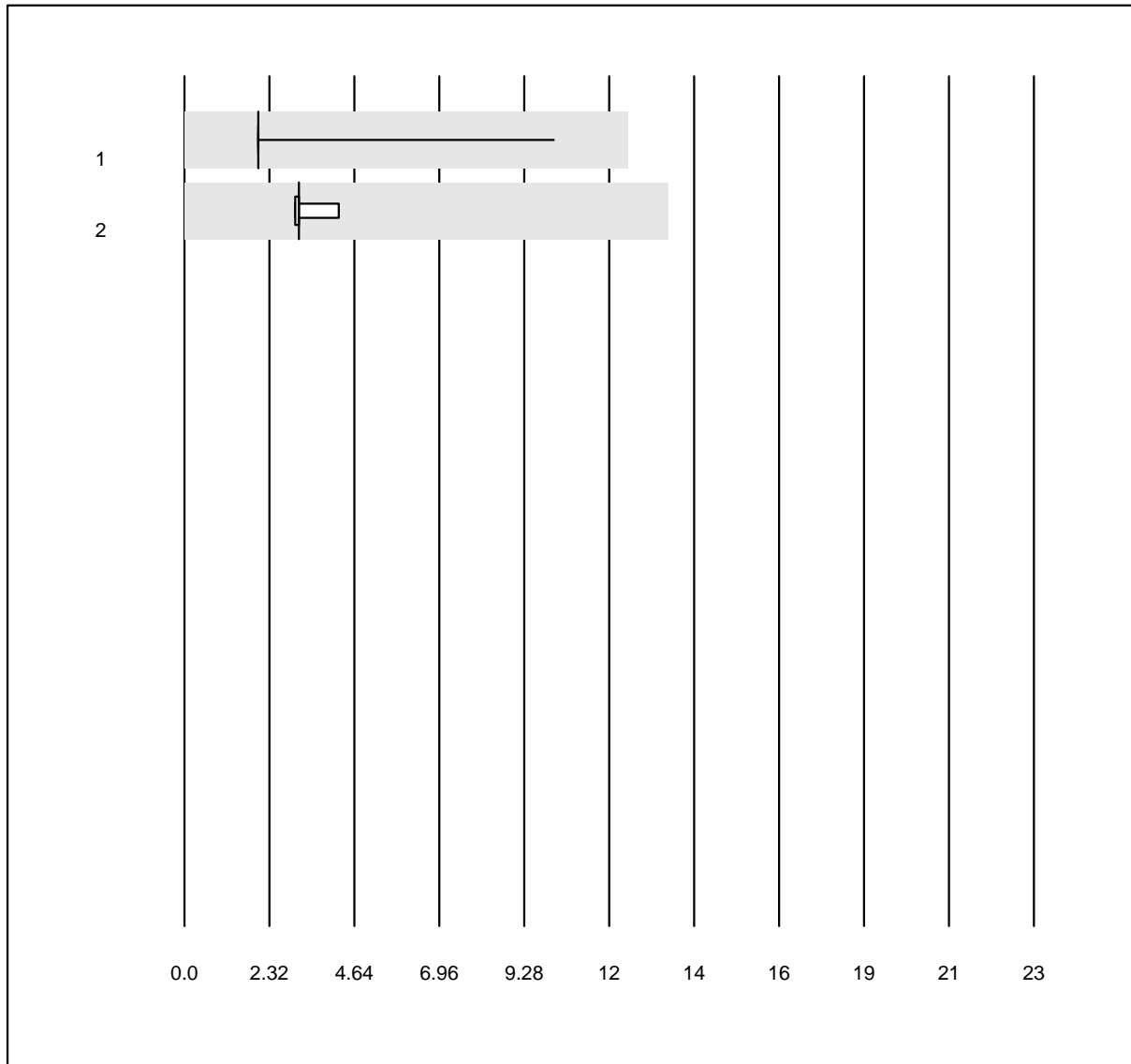


QUALAB Toleranz: 0%
(< 15.0: +/- 0.5 Log10 cp/ml)

HIV1 NAT qn (Log10 cp/ml)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 all Participants	11	100.0	0.0	0.0	3.97	5.1	e*

Anti-HBs Ig total qn sample A



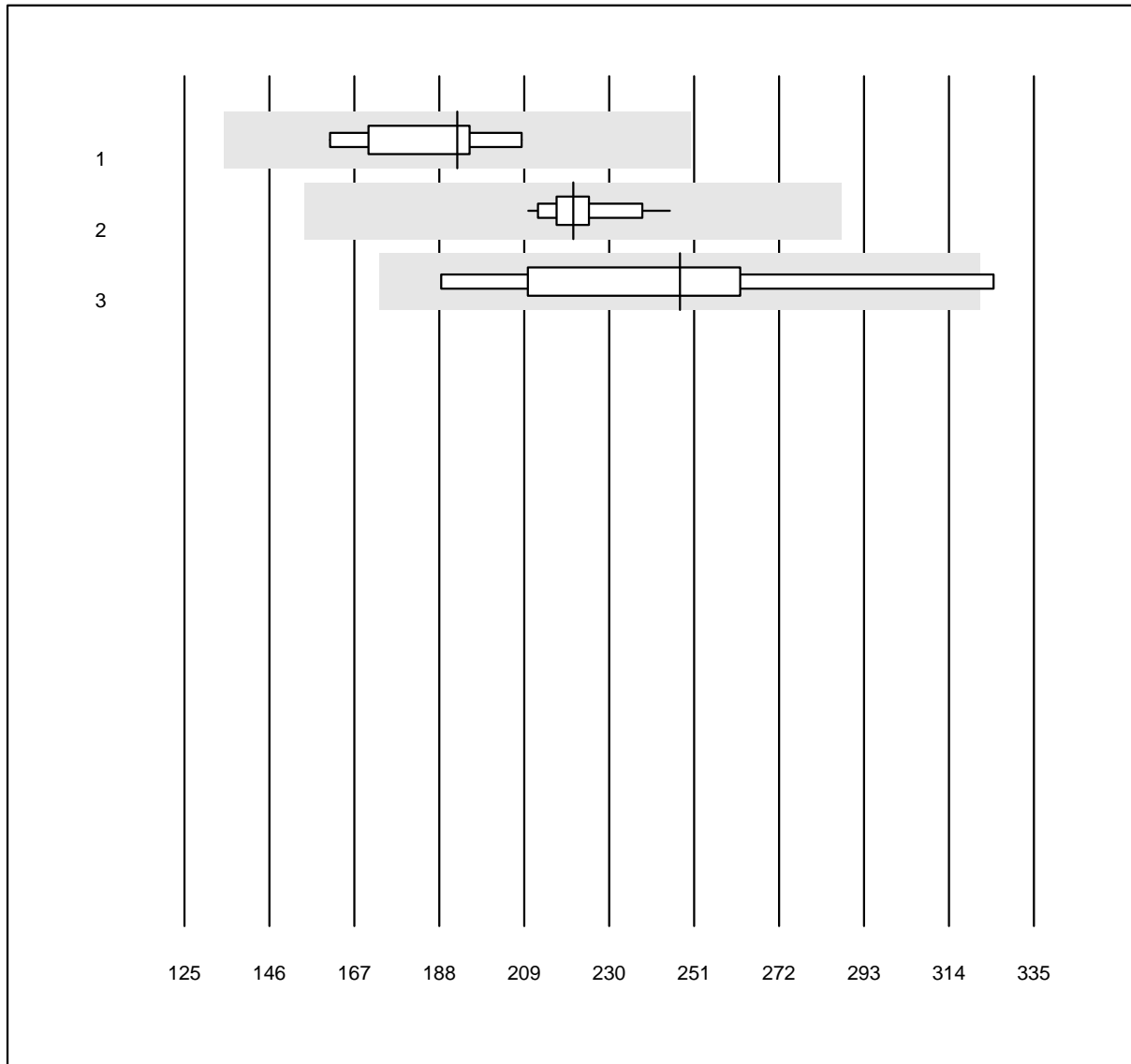
QUALAB Toleranz: 30%
(< 30.0: +/- 10.0 U/l)

Anti-HBs Ig total qn sample
A (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Roche	23	100.0	0.0	0.0	2	71.0	e
2 Other methods	7	100.0	0.0	0.0	3	11.1	e

1 additional results were submitted but not published because the method groups were too small. (< results per group)

Anti-HBs Ig total qn sample B



QUALAB Toleranz: 30%

Anti-HBs Ig total qn sample
B (U/l)

No. Method	Total	% OK	% insuff.	% outlier	Target Value	VK %	Type
1 Abbott	9	100.0	0.0	0.0	192	8.3	e
2 Roche	23	100.0	0.0	0.0	221	4.0	e
3 Other methods	6	83.3	0.0	16.7	248	15.9	a*

1 additional results were submitted but not published because the method groups were too small. (< results per group)

