

Verein für
Association pour le
Associazione per il



medizinische Qualitätskontrolle
contrôle de qualité médical
controllo di qualità medico

Survey Report

2017 - 2

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:
B1 Strep A Test, 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"):

- a Value known due to production.
- b Certified reference value for use with special specimens
- c Reference value determined by analysis
- d Consensus values of expert laboratories
- e 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 (u_x) is calculated using the following formula (ISO13528):

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

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

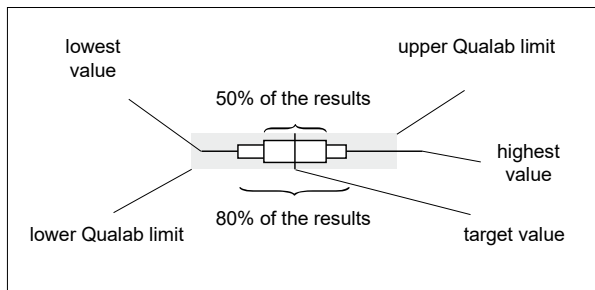
QUALAB and MQ tolerances

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, u_x , 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:

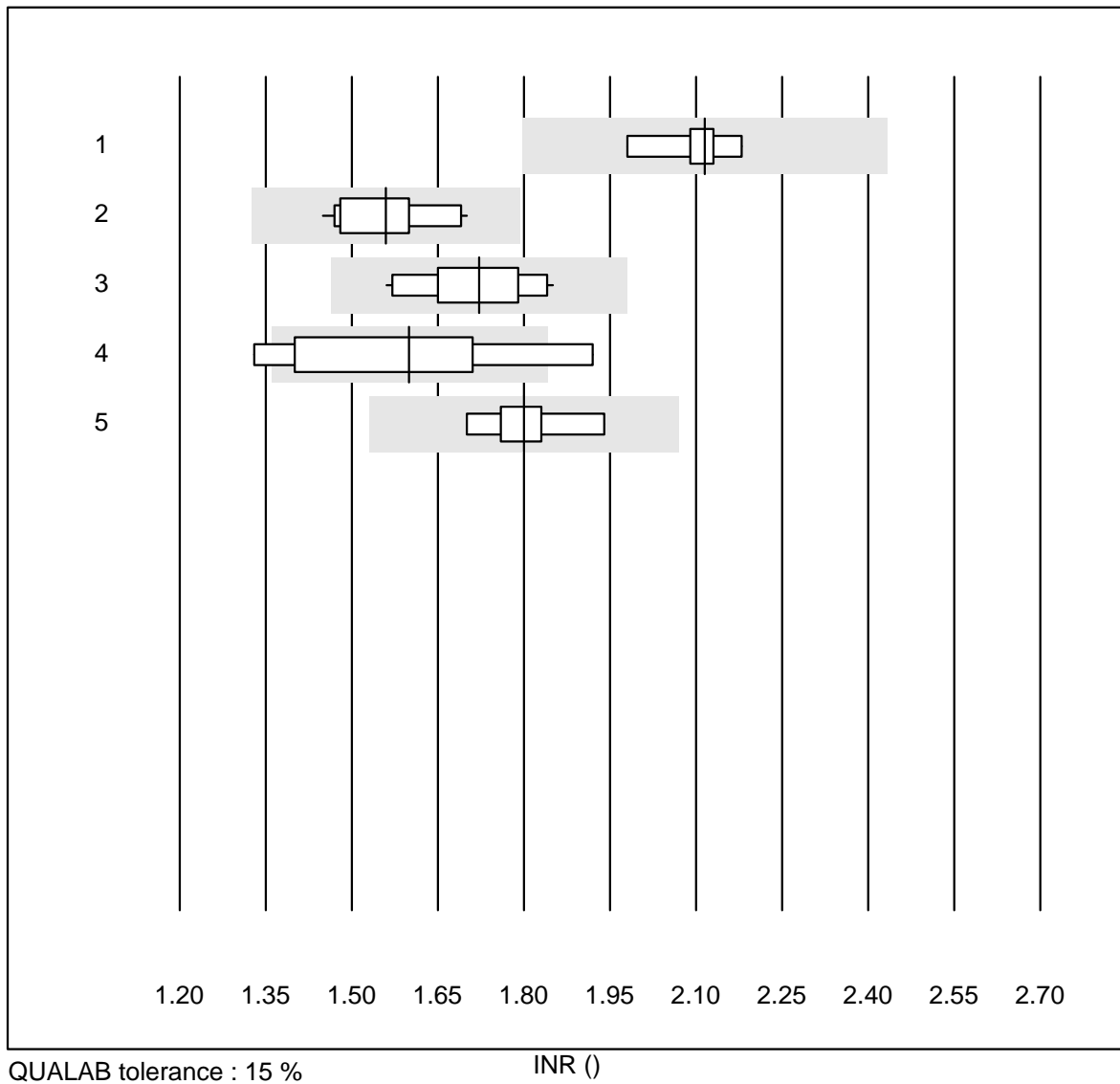
- The chemical control K1 is a ready-to-use commercial control serum. Even if the specimen is of human origin, it is possible that matrix effects occur. These are device-specific and result in different target values.
- Only one specimen was measured. Since the scatter of the results is dependent on 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.

Zürich, 17.6.2017

Dr. R. Fried
Survey Director

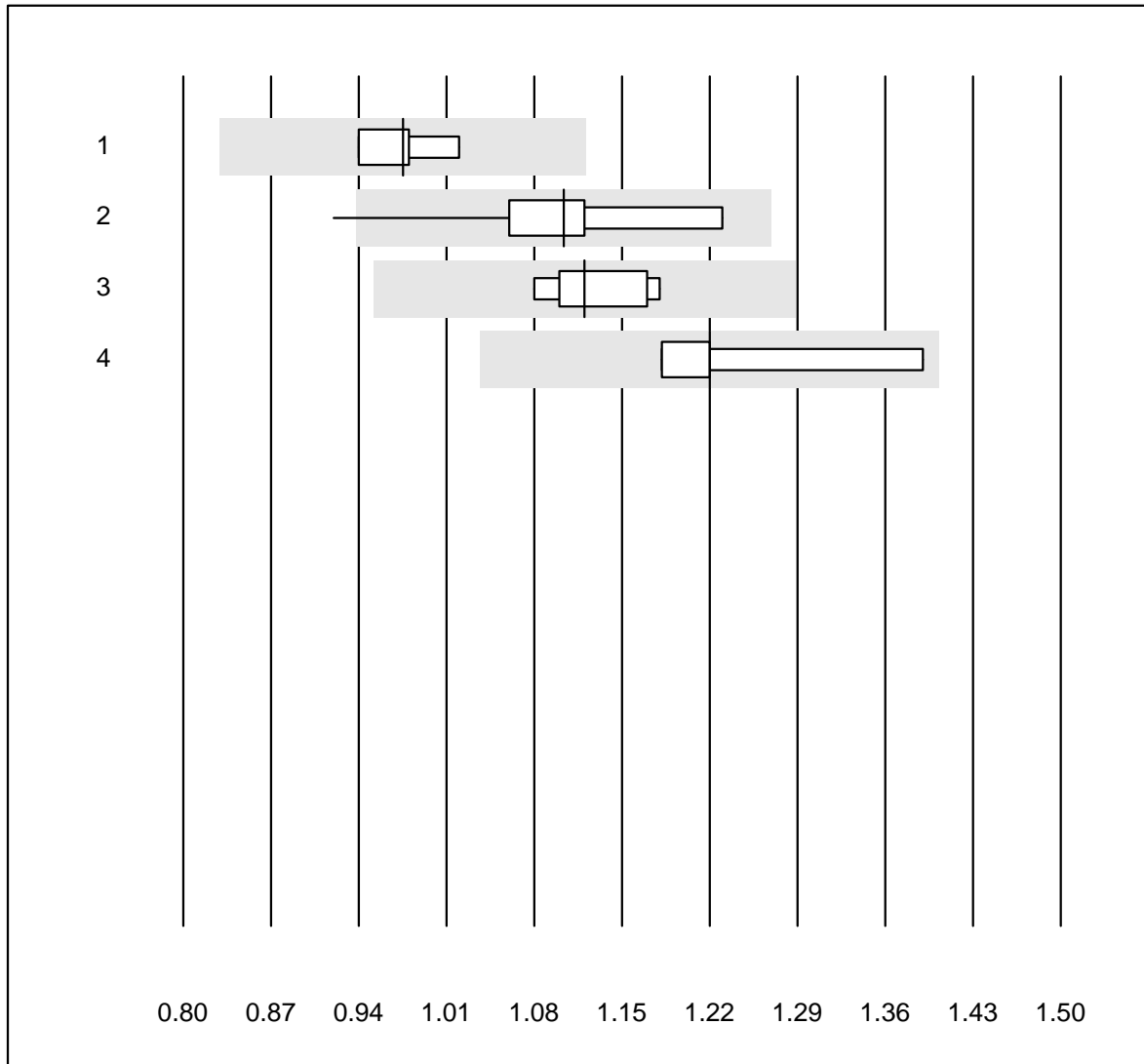
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INR



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin Plus	6	100.0	0.0	0.0	2.12	3.2	e
2	Innovin	16	100.0	0.0	0.0	1.56	4.7	e
3	Recombiplastin 2G	17	100.0	0.0	0.0	1.72	5.5	e
4	Eurolyser	6	66.7	33.3	0.0	1.60	13.7	e*
5	Neoplastin R	9	100.0	0.0	0.0	1.80	3.9	e

Fibrinogen OA

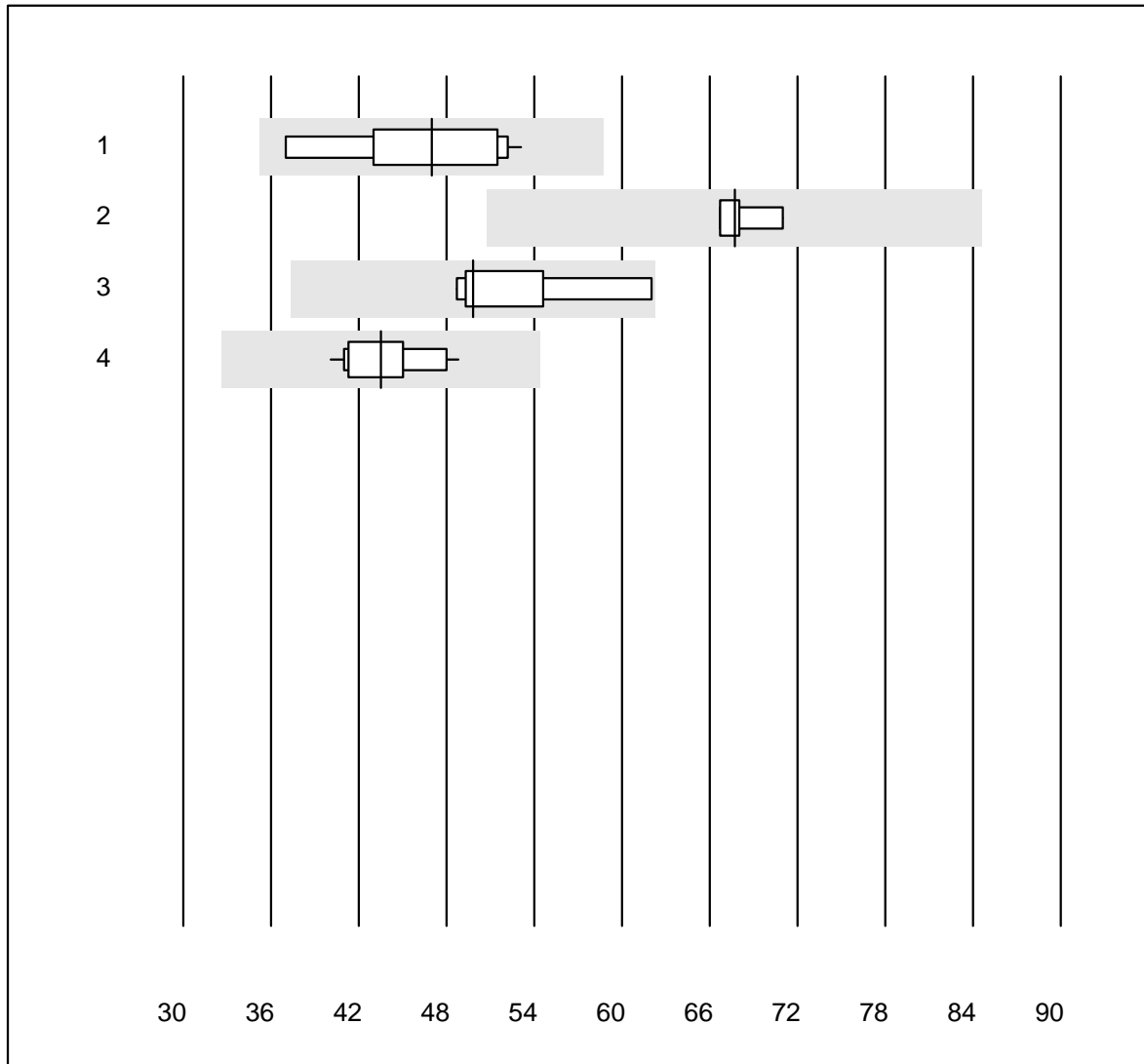


QUALAB tolerance : 15 %

Fibrinogen OA (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	4	100.0	0.0	0.0	0.98	3.4	e
2	Stago/STA	12	91.7	8.3	0.0	1.10	7.4	e*
3	Fibrinogen Q.F.A.	7	100.0	0.0	0.0	1.12	3.3	e
4	Fib Clauss (IL)	4	100.0	0.0	0.0	1.22	7.4	e*

Activated Prothrombin Time

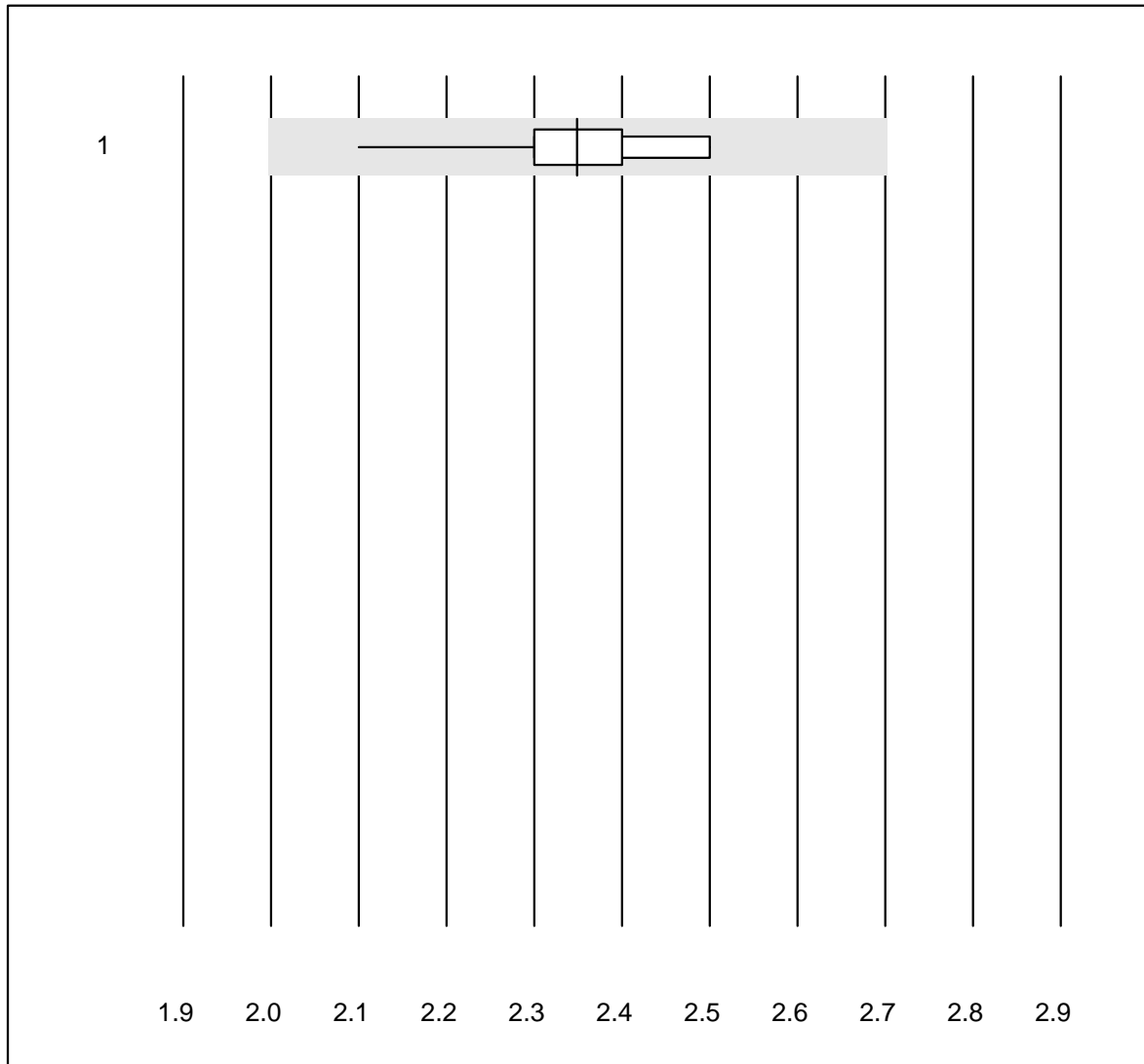


QUALAB tolerance : 25 %

Activated Prothrombin Time (Sek)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	10	100.0	0.0	0.0	47.0	11.7	e*
2	Pathromtin SL	4	100.0	0.0	0.0	67.7	2.8	e
3	Stago/STA	9	100.0	0.0	0.0	49.8	8.4	e
4	aPTT-SP	12	100.0	0.0	0.0	43.5	6.6	e

INR CoaguChek

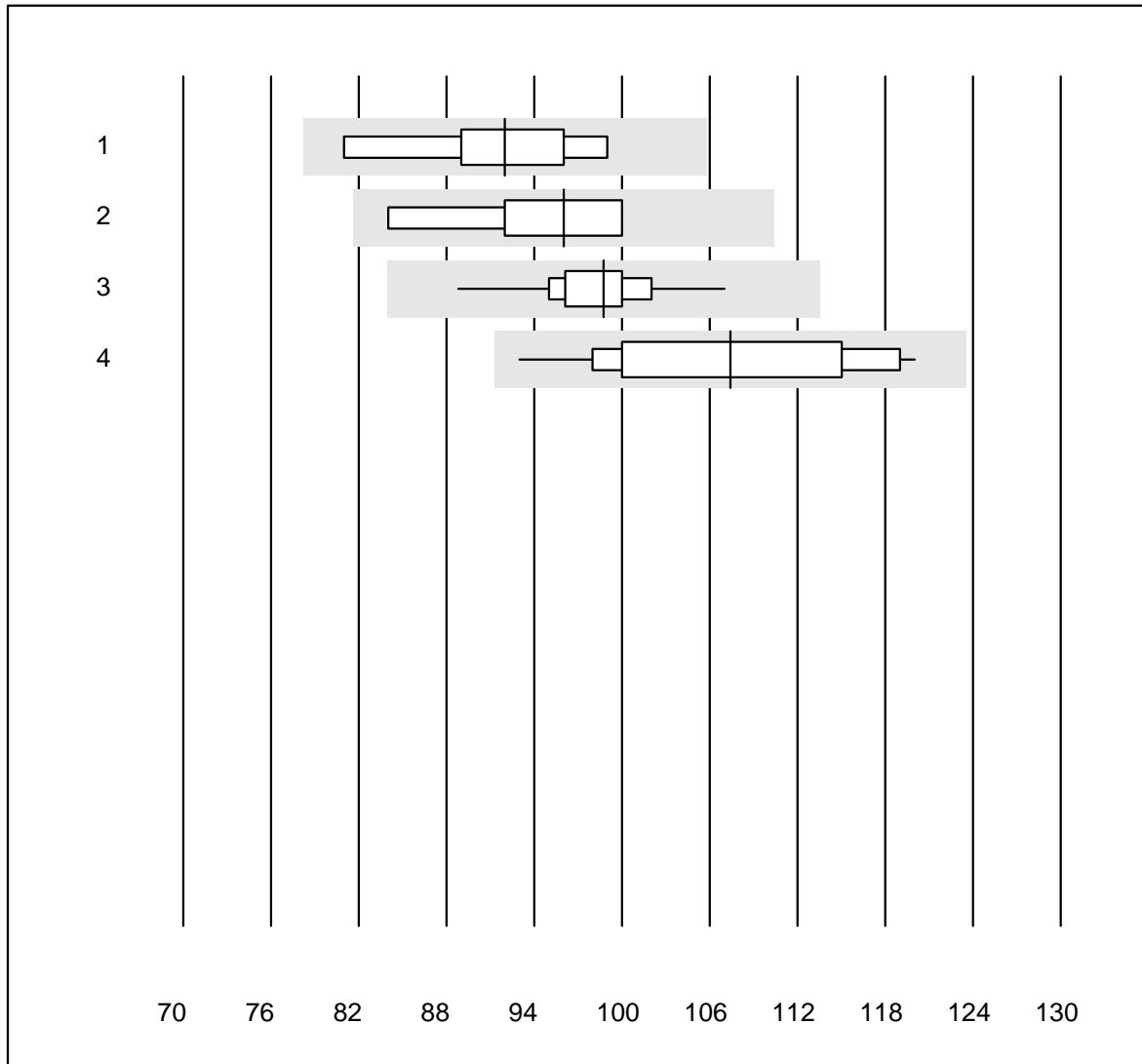


QUALAB tolerance : 15 %

INR CoaguChek ()

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	CoaguChek Pro II	148	100.0	0.0	0.0	2.3	3.5	e

Prothrombin time NT

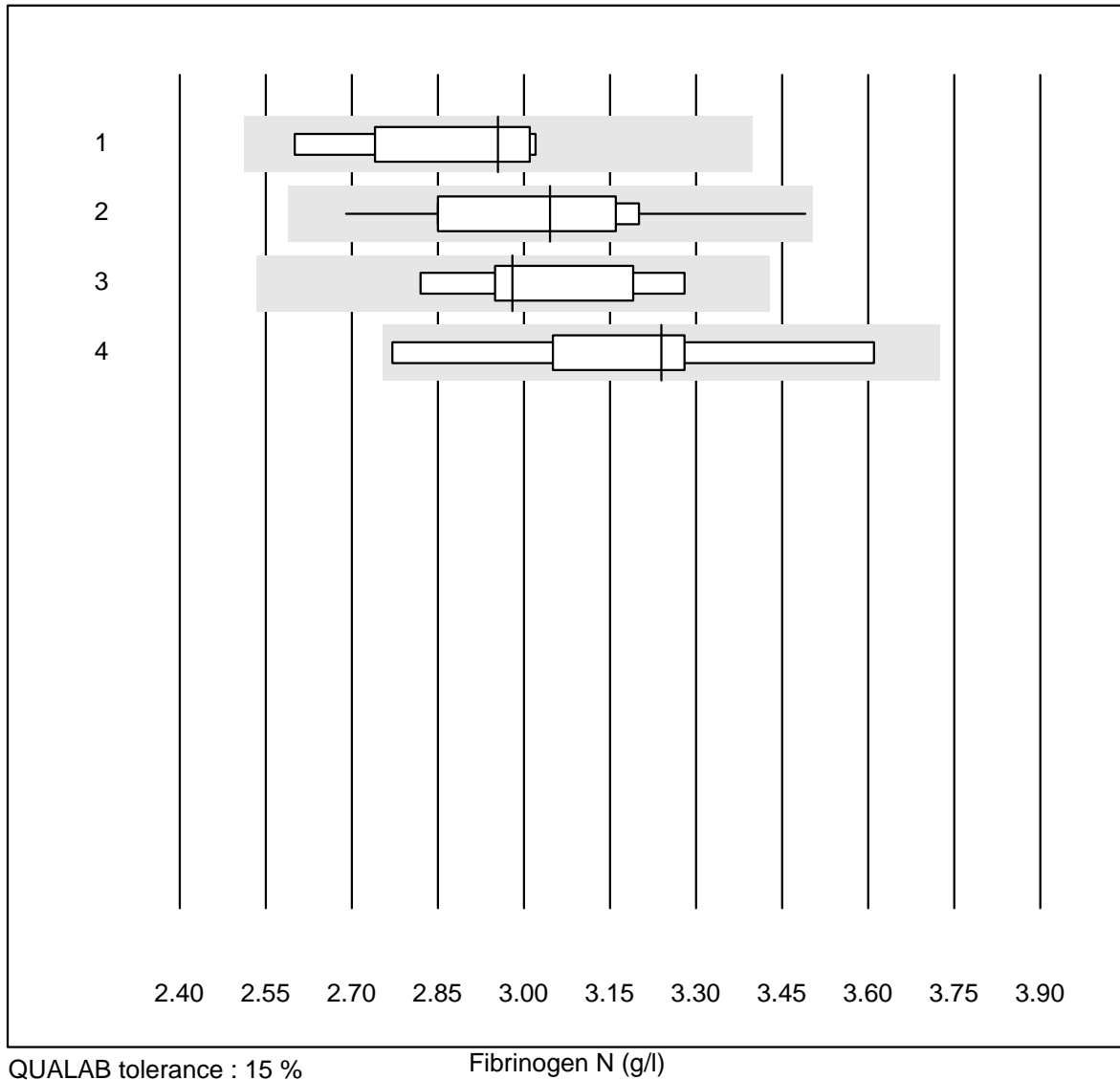


QUALAB tolerance : 15 %

Prothrombin time NT (%)

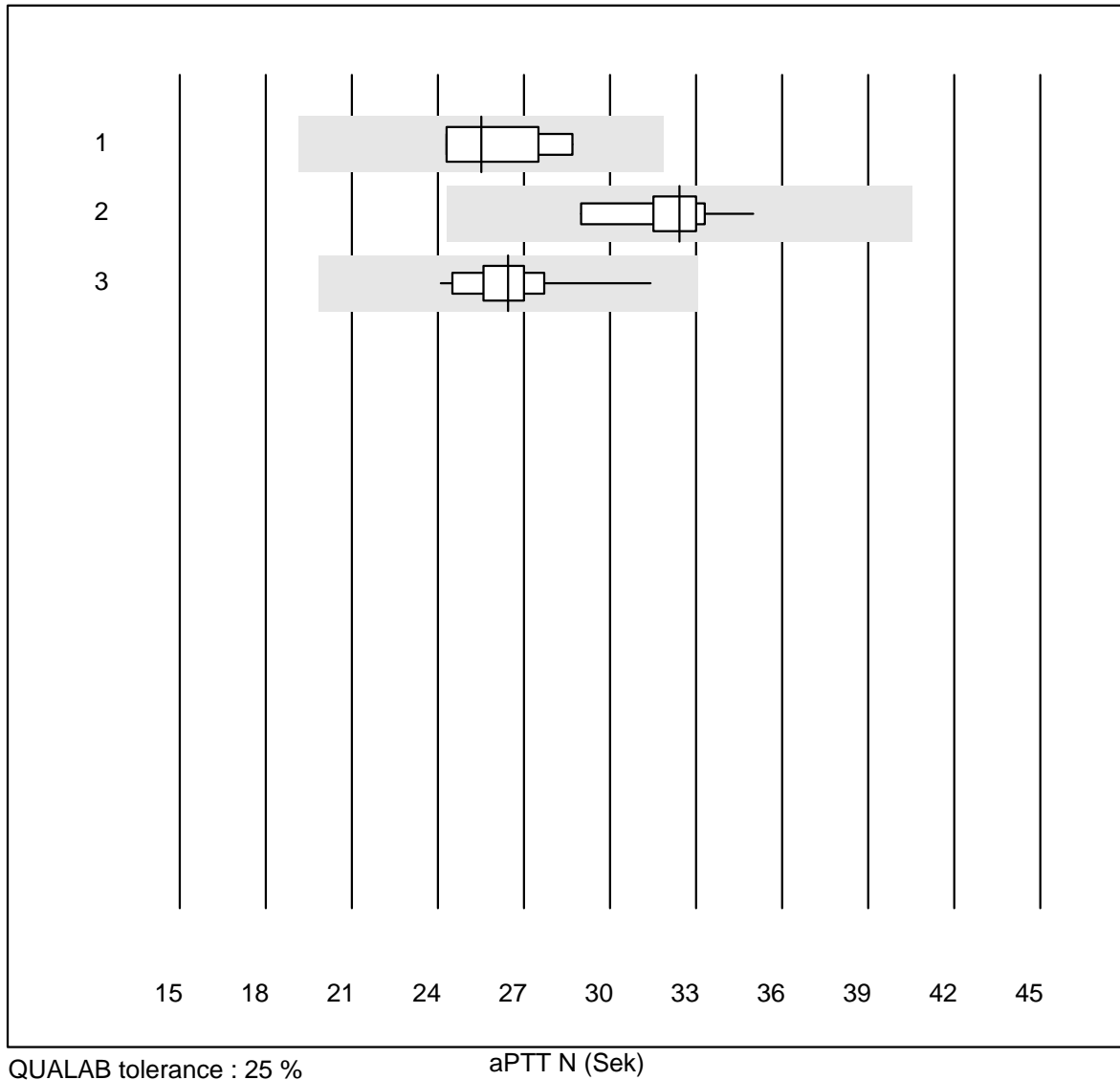
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	7	100.0	0.0	0.0	92	6.3	e*
2	Neoplastin Plus	5	100.0	0.0	0.0	96	7.1	e*
3	Innovin	12	100.0	0.0	0.0	99	4.4	e
4	Recombiplastin 2G	17	100.0	0.0	0.0	107	8.5	e*

Fibrinogen N



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	6	100.0	0.0	0.0	2.96	6.0	e*
2	Stago/STA	12	100.0	0.0	0.0	3.05	6.8	e*
3	Fibrinogen Q.F.A.	7	100.0	0.0	0.0	2.98	5.1	e*
4	Fib Clauss (IL)	7	100.0	0.0	0.0	3.24	8.2	e*

aPTT N

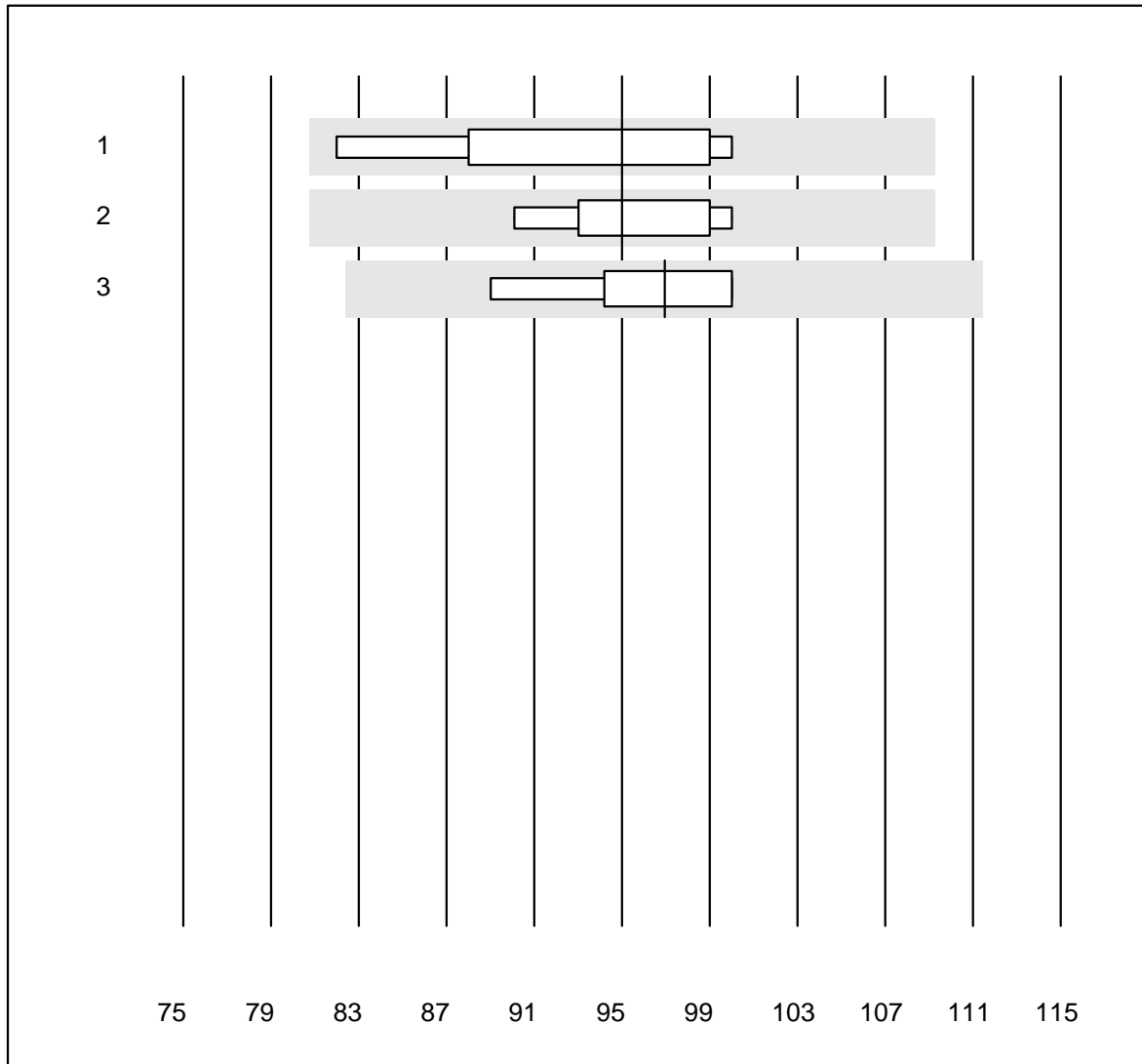


QUALAB tolerance : 25 %

aPTT N (Sek)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	7	100.0	0.0	0.0	25.5	6.4	e
2	Stago/STA	10	100.0	0.0	0.0	32.4	4.9	e
3	aPTT-SP	15	100.0	0.0	0.0	26.4	6.4	e

Prothrombin time HT

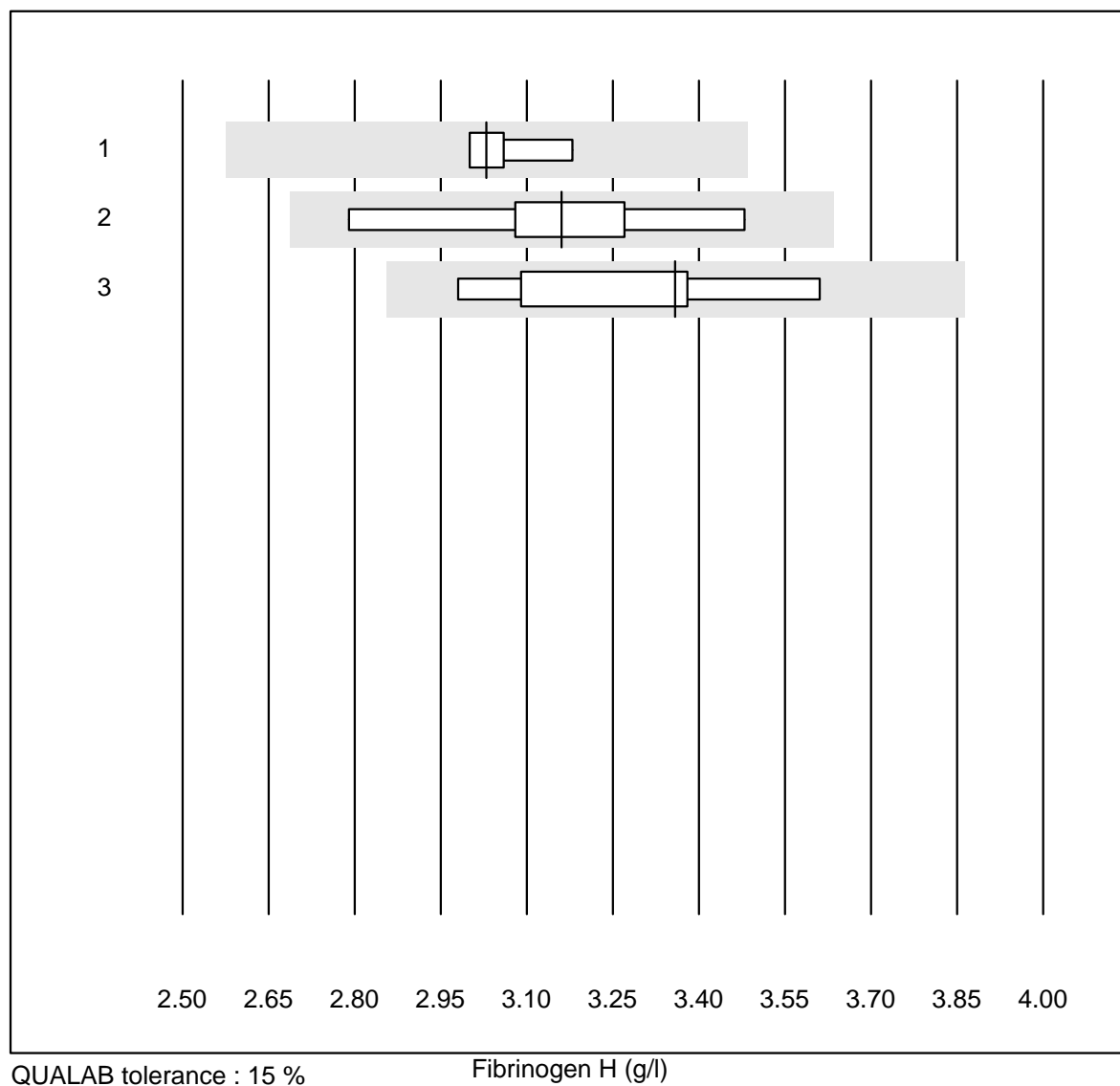


QUALAB tolerance : 15 %

Prothrombin time HT (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	7	100.0	0.0	0.0	95	6.8	e*
2	Innovin	9	100.0	0.0	0.0	95	3.9	e
3	Recombiplastin 2G	10	100.0	0.0	0.0	97	4.0	e

Fibrinogen H



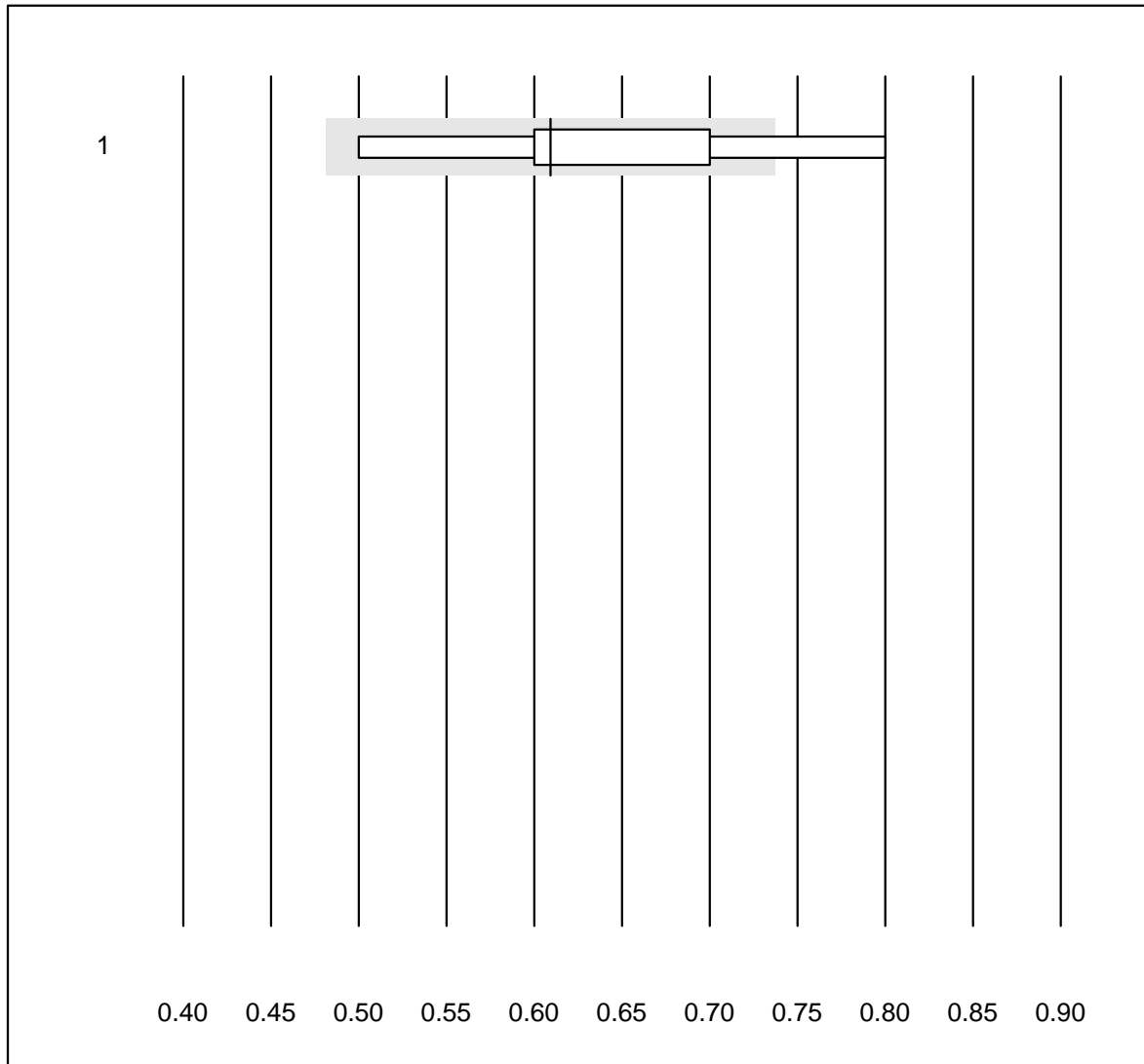
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	4	100.0	0.0	0.0	3.03	2.8	e
2	Stago/STA	9	100.0	0.0	0.0	3.16	7.6	e*
3	Fib Clauss (IL)	5	100.0	0.0	0.0	3.36	7.6	e*

aPTT H



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Actin FS	8	100.0	0.0	0.0	55.0	7.4	e
2 Other methods	4	100.0	0.0	0.0	89.8	9.1	e*
3 Stago/STA	5	100.0	0.0	0.0	65.2	2.9	e
4 aPTT-SP	7	100.0	0.0	0.0	72.8	10.6	e*

D-Dimer NC

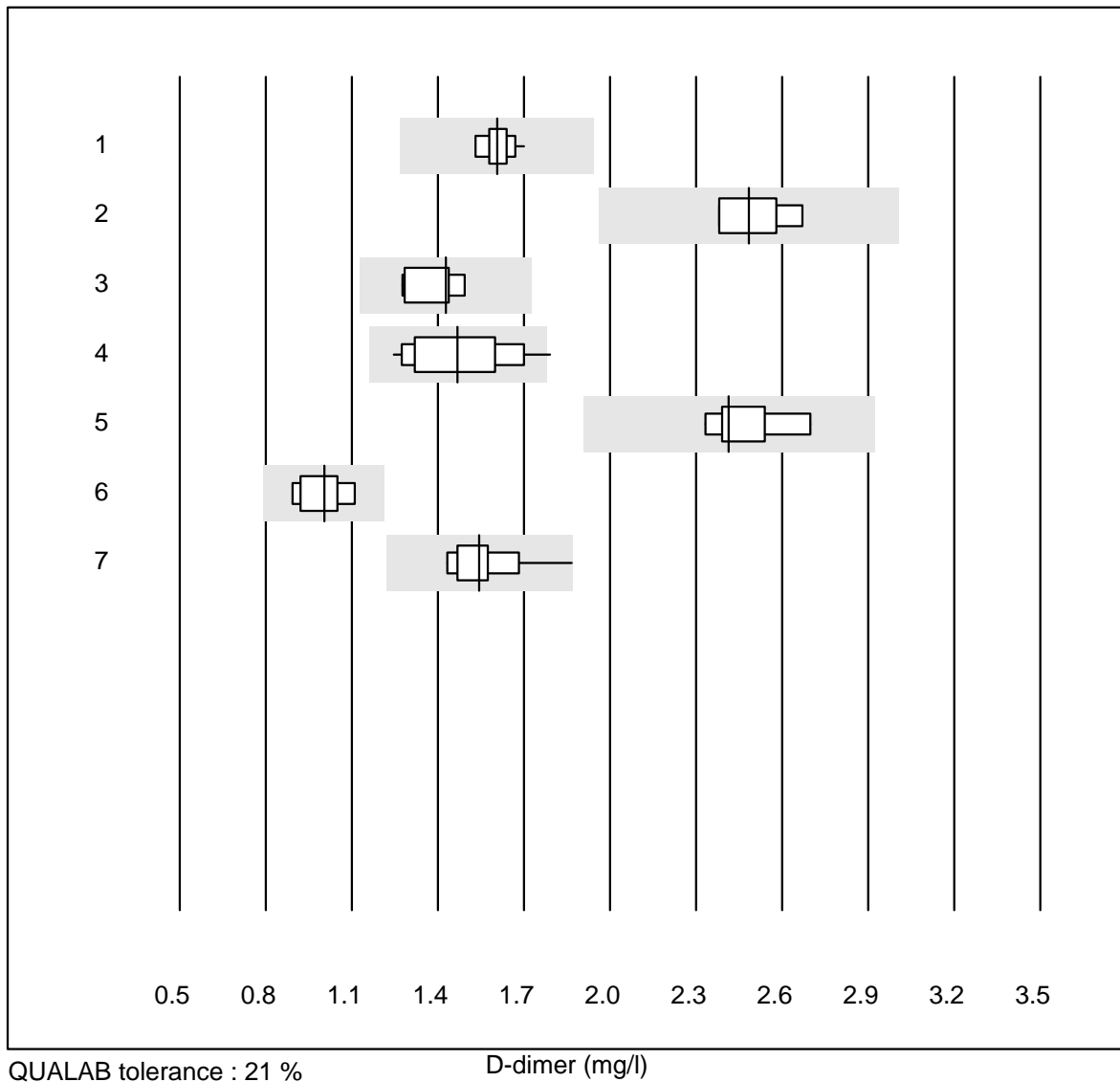


QUALAB tolerance : 21 %

D-Dimer NC (mg/l)

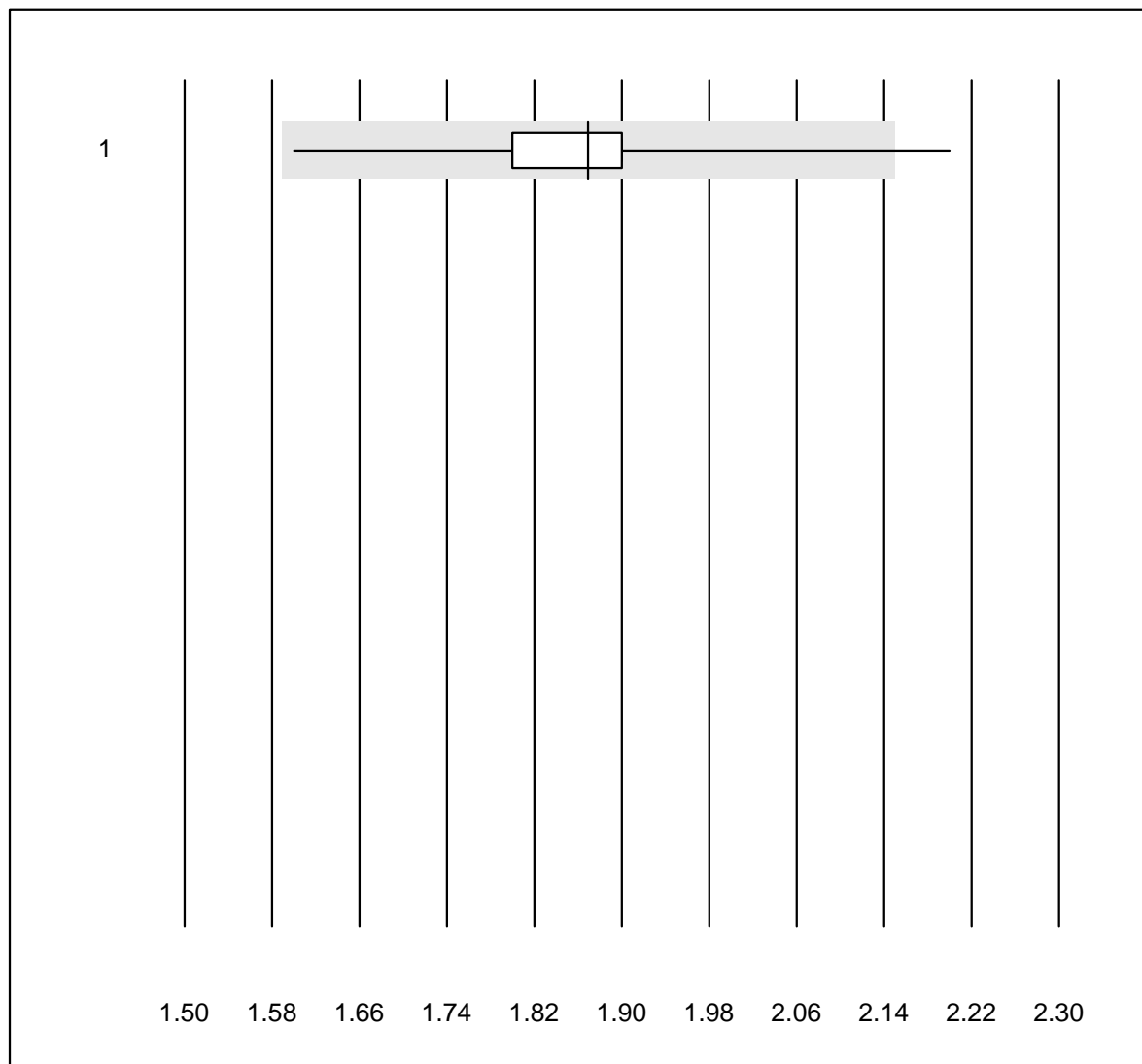
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	NycoCard	18	61.1	11.1	27.8	0.61	15.0	e*

D-dimer



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	STA Liatest	10	100.0	0.0	0.0	1.61	3.2	e
2	Siemens Innovance	4	100.0	0.0	0.0	2.49	5.7	e*
3	Eurolyser (Cutoff 0.	5	100.0	0.0	0.0	1.43	7.0	e*
4	Eurolyser	23	74.0	4.3	21.7	1.47	11.4	e
5	ACL	6	100.0	0.0	0.0	2.41	5.4	e
6	AQT 90 FLEX	8	100.0	0.0	0.0	1.00	8.0	e*
7	VIDAS	18	100.0	0.0	0.0	1.54	7.0	e

INR CCXS

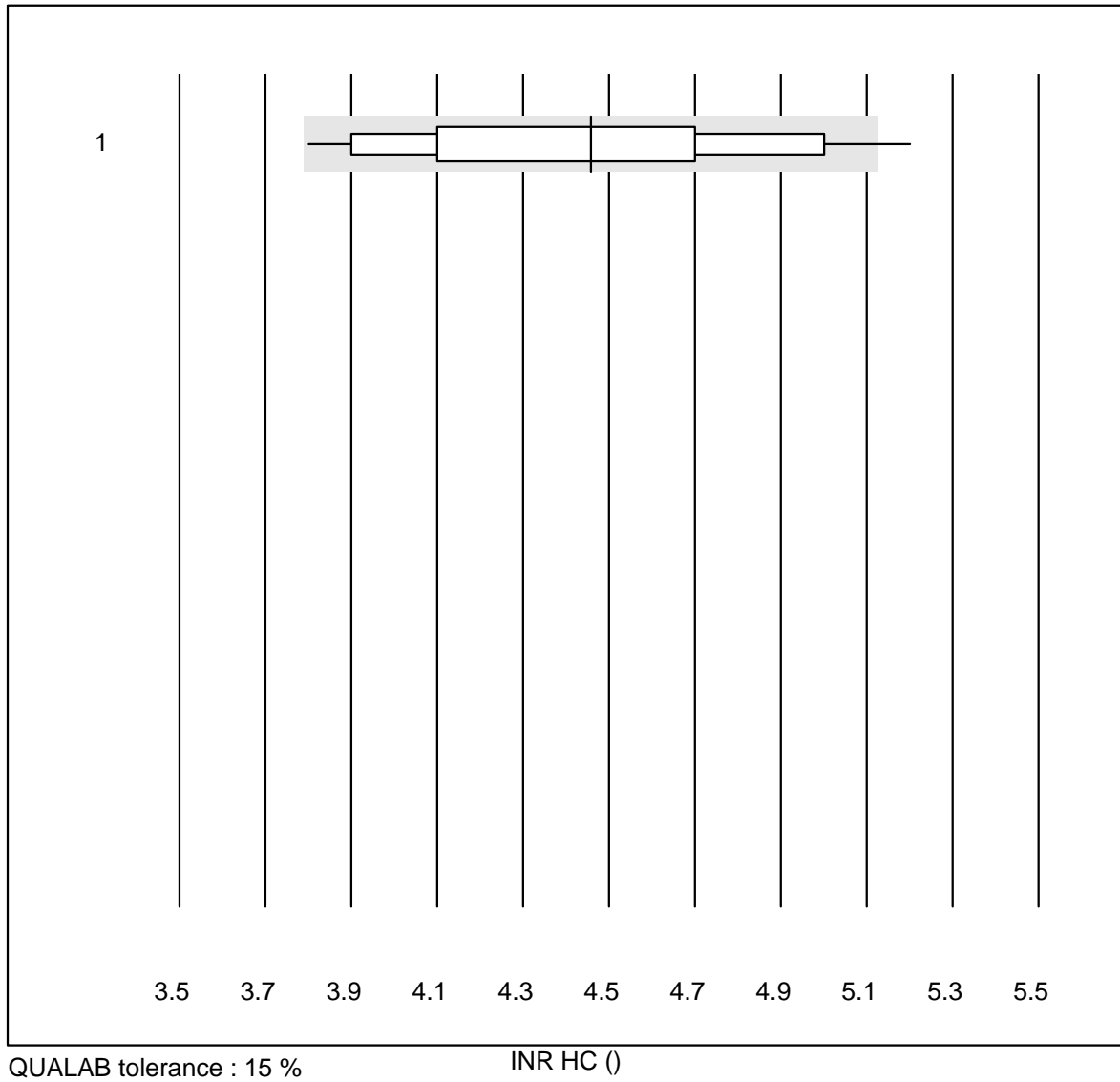


QUALAB tolerance : 15 %

INR CCXS ()

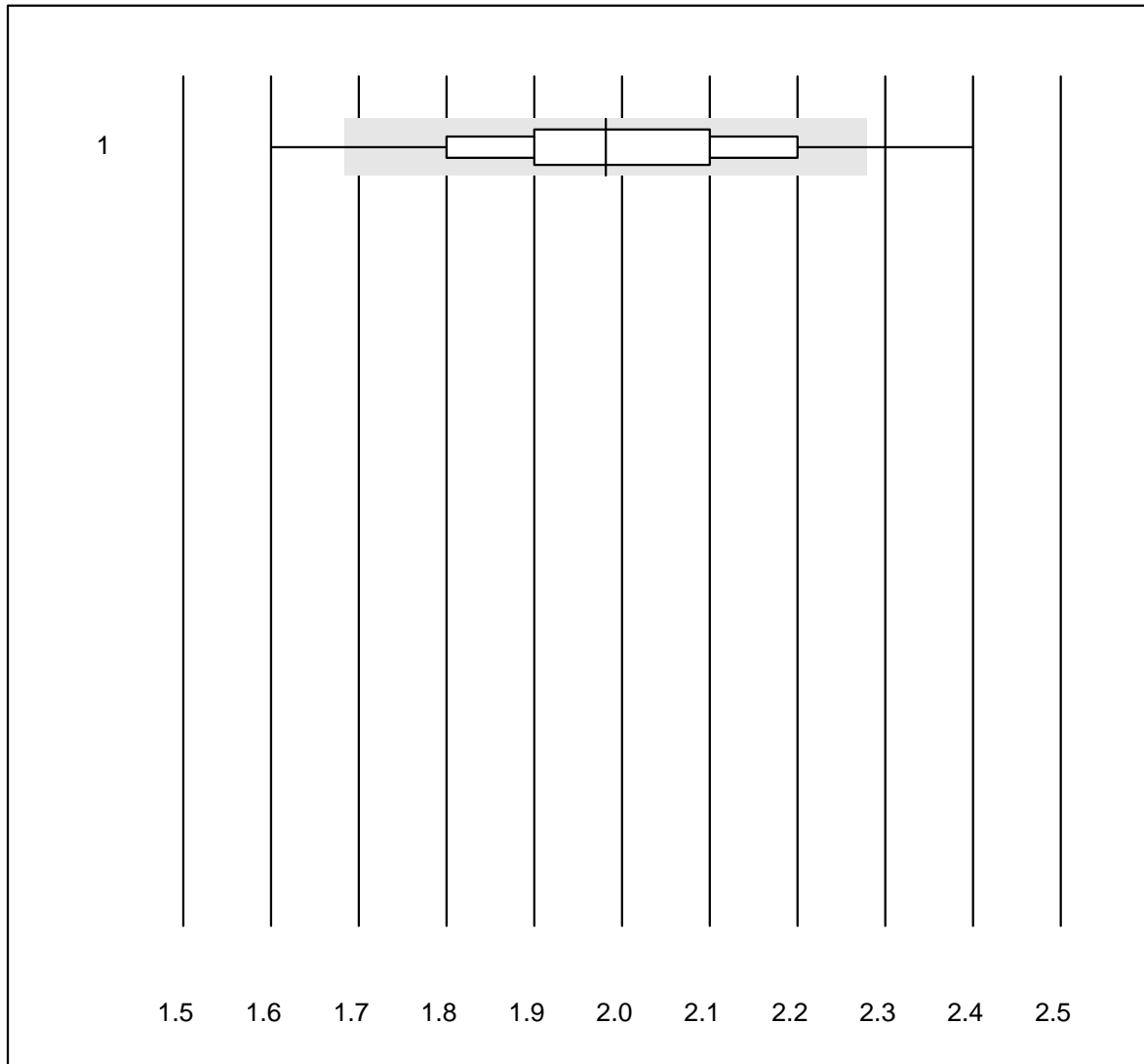
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CoaguChek XS	2227	96.1	3.0	0.9	1.9	5.2	e

INR HC



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Hemochron j.	13	84.6	7.7	7.7	4.5	9.7	e*

INR MI

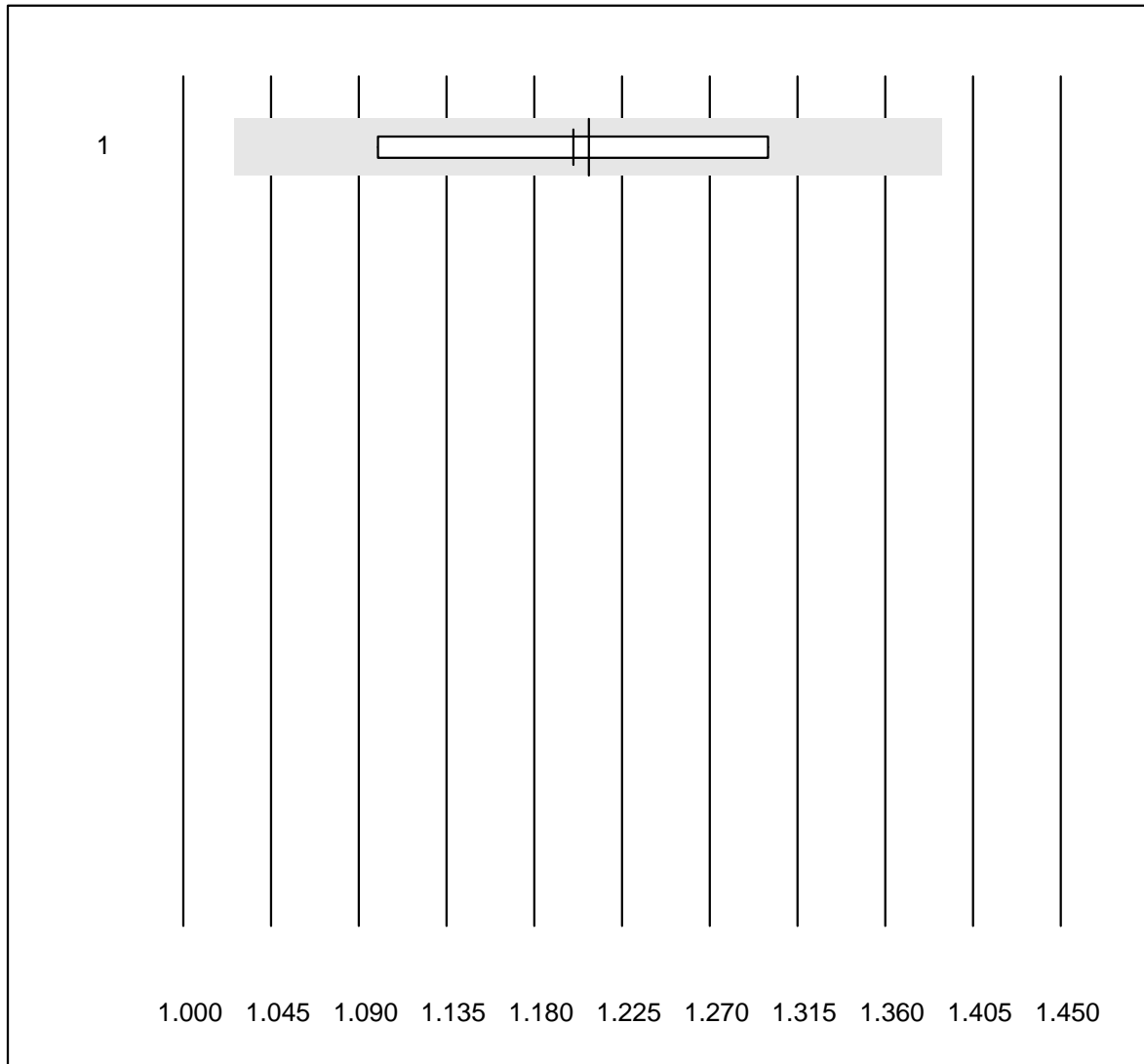


QUALAB tolerance : 15 %

INR MI ()

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 MicroINR	93	87.1	7.5	5.4	2.0	8.1	e

INR Xprecia

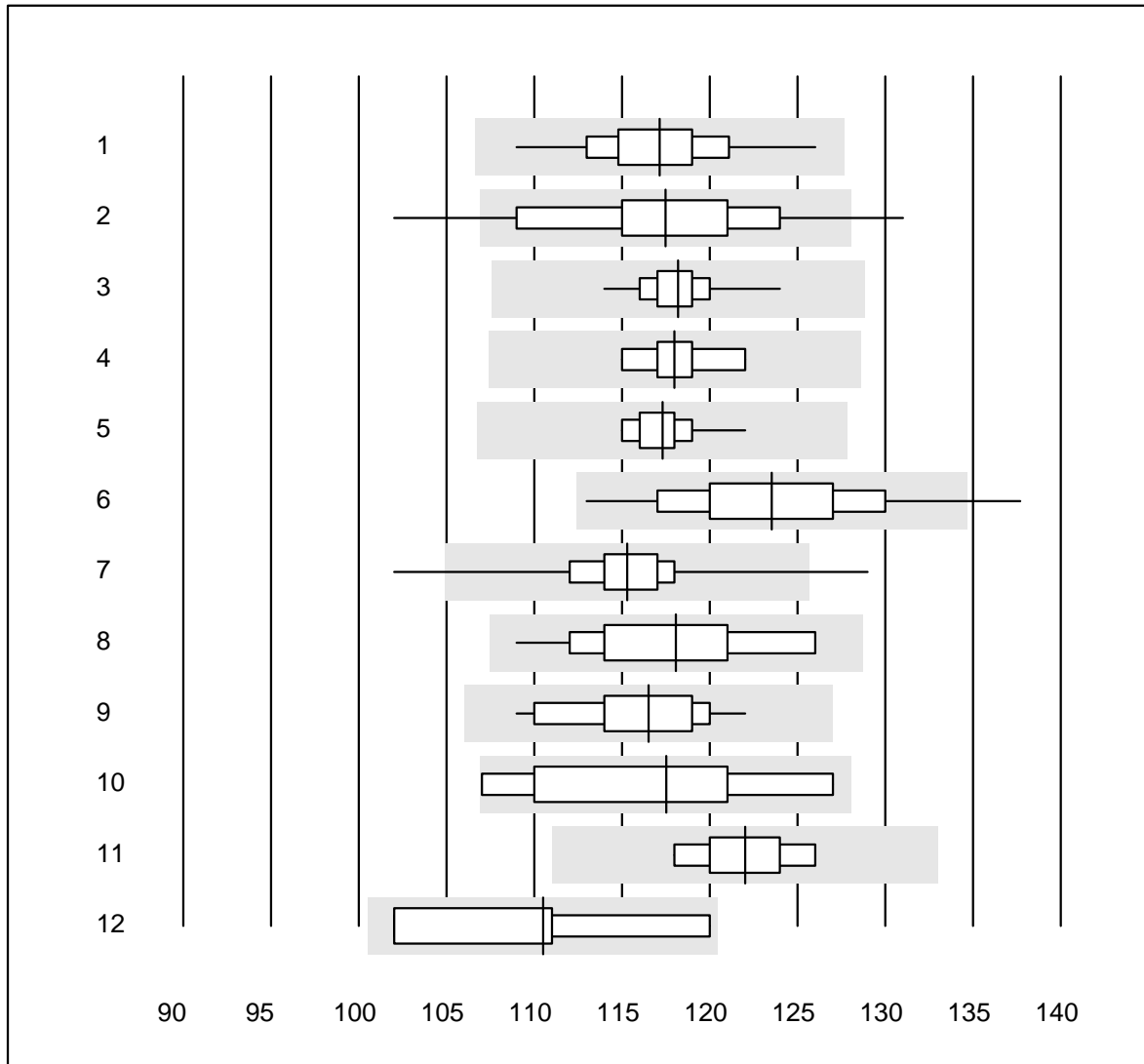


QUALAB tolerance : 15 %

INR Xprecia ()

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Xprecia	52	100.0	0.0	0.0	1.2	5.0	e

Hemoglobin

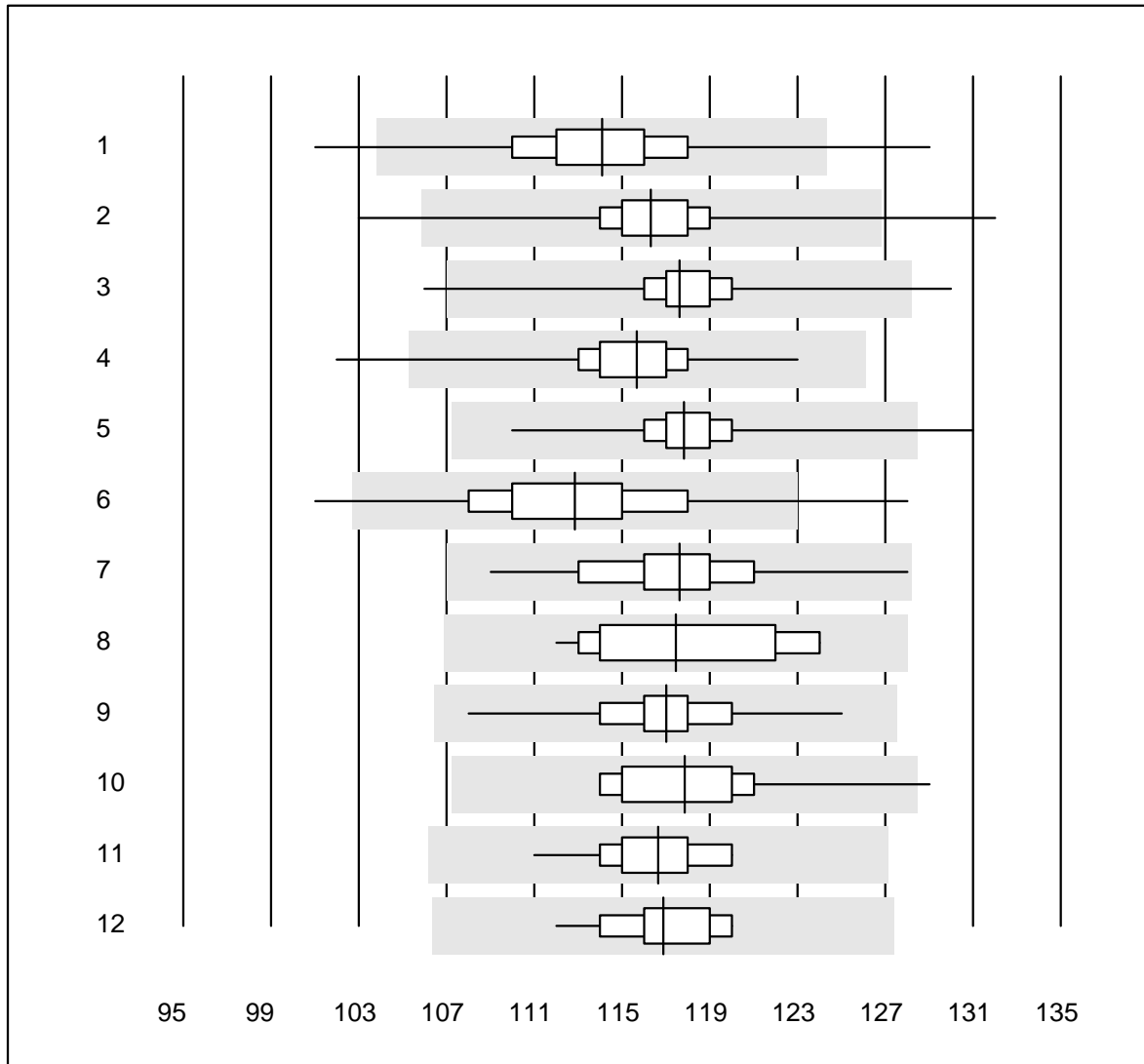


QUALAB tolerance : 9 %

Hemoglobin (g/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	32	100.0	0.0	0.0	117.1	3.0	e
2	Cyanmethemoglobin	38	92.1	7.9	0.0	117.5	4.8	e
3	Sysmex X	41	100.0	0.0	0.0	118.2	1.6	e
4	Advia 120	9	100.0	0.0	0.0	118.0	1.8	e
5	ABX Pentra	11	100.0	0.0	0.0	117.3	1.7	e
6	Reflotron	60	95.0	5.0	0.0	123.5	4.3	e
7	Hemocue	360	95.3	1.4	3.3	115.3	2.5	e
8	Dr. Lange	18	88.9	0.0	11.1	118.1	4.1	e
9	Hemocontrol	14	100.0	0.0	0.0	116.5	3.3	e
10	Eurolyser	6	100.0	0.0	0.0	117.5	6.2	e*
11	DiaSpect	9	100.0	0.0	0.0	122.0	2.1	e
12	MS4	4	100.0	0.0	0.0	110.5	6.7	e*

Hemoglobin

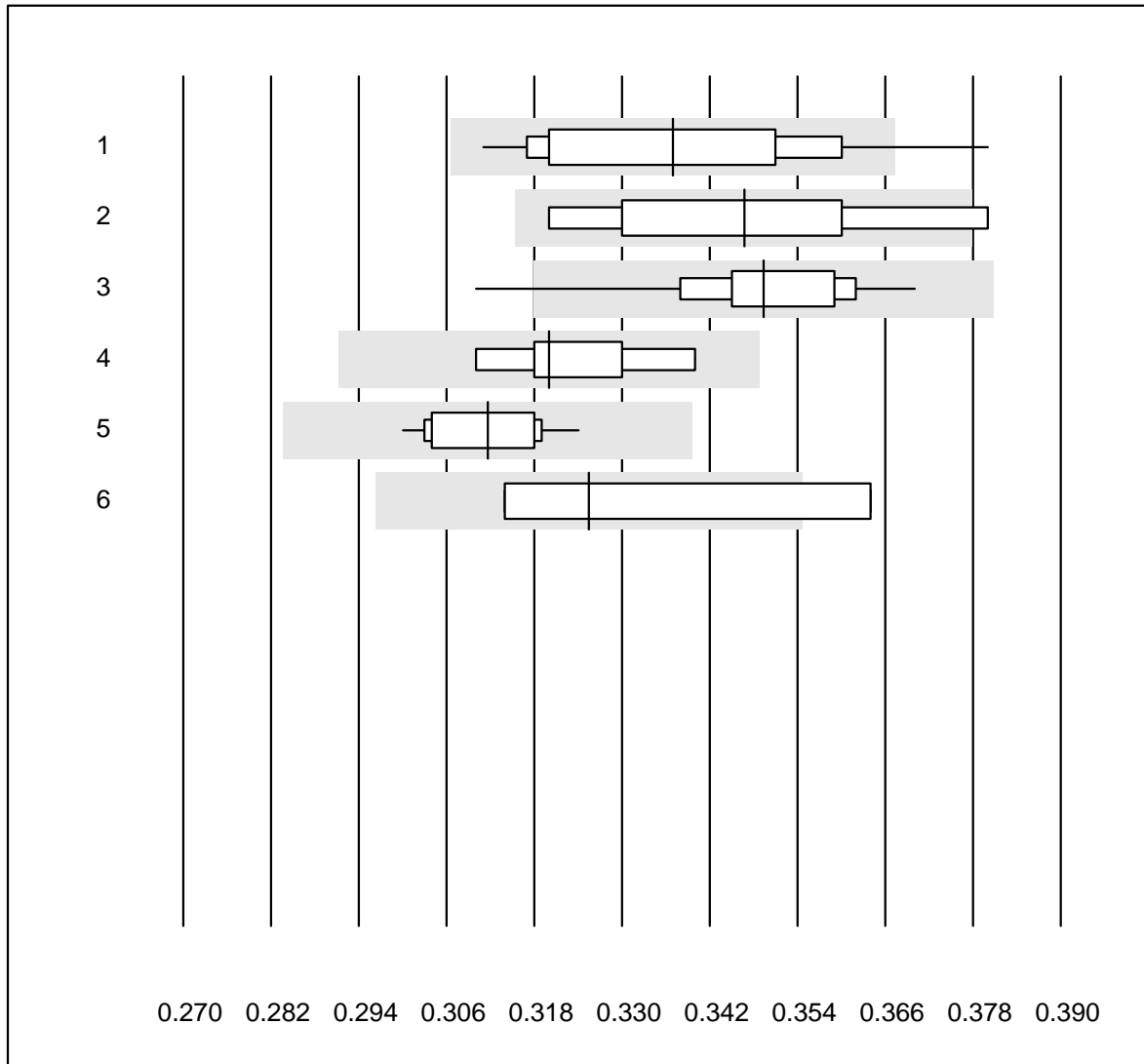


QUALAB tolerance : 9 %

Hemoglobin (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	607	96.5	1.0	2.5	114.1	3.0	e
2	Microsemi	492	97.2	1.0	1.8	116.3	2.2	e
3	Sysmex KX21	355	96.9	0.6	2.5	117.6	1.8	e
4	Sysmex PochH - 100i	206	96.6	0.5	2.9	115.7	2.1	e
5	Sysmex XP 300	349	95.1	0.3	4.6	117.8	1.7	e
6	Mythic	249	94.8	2.4	2.8	112.9	3.7	e
7	Swelab	67	98.5	0.0	1.5	117.6	2.6	e
8	Abacus Junior	11	100.0	0.0	0.0	117.5	3.7	e*
9	Medonic	14	100.0	0.0	0.0	117.0	3.2	e
10	Nihon Kohden Celltac	46	93.5	2.2	4.3	117.9	2.6	e
11	Samsung HC10	45	100.0	0.0	0.0	116.6	2.0	e
12	Norma Icon 3	20	90.0	0.0	10.0	116.9	1.9	e

Hematocrit

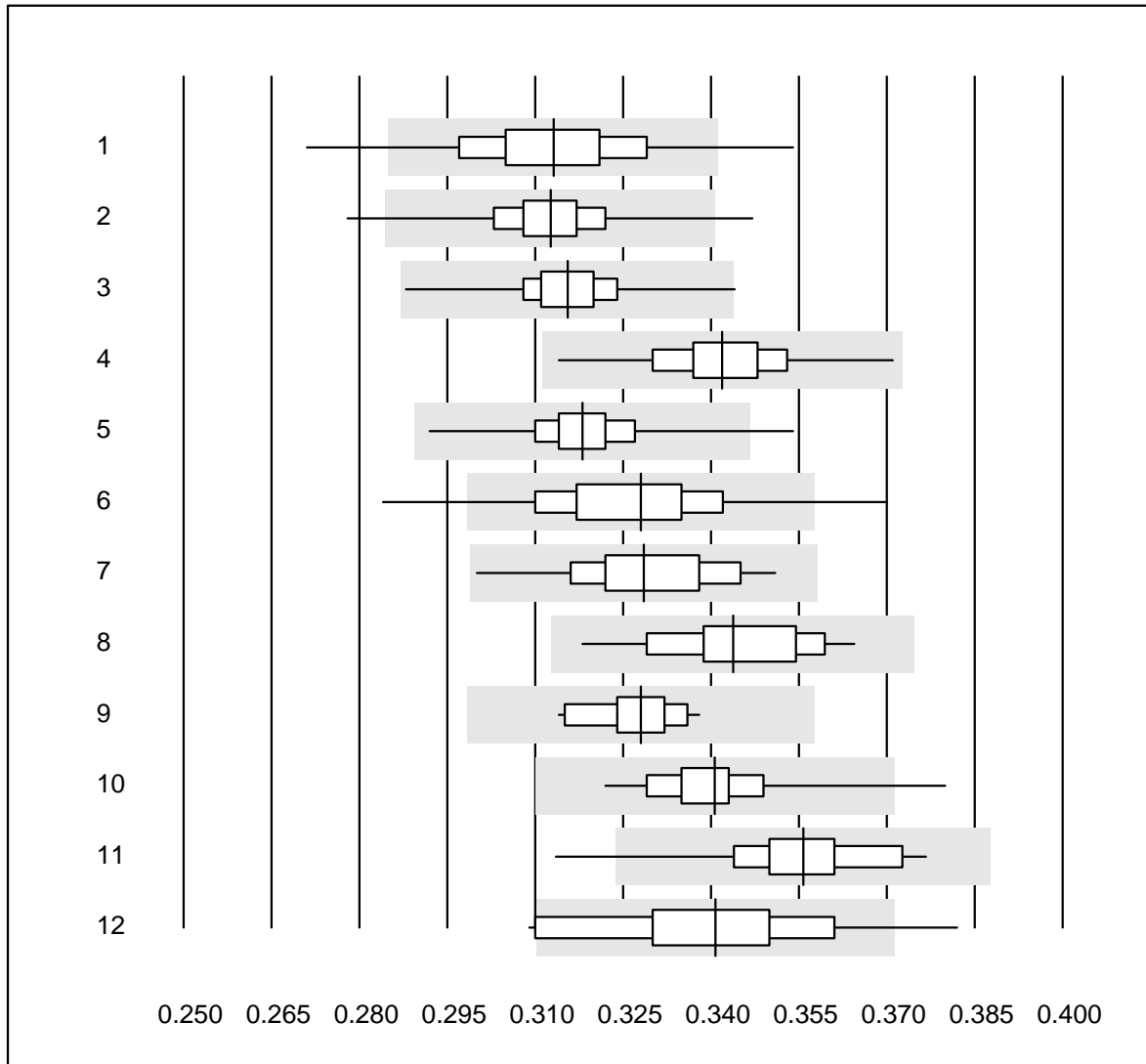


QUALAB tolerance : 9 %

Hematocrit (l/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	26	92.3	7.7	0.0	0.34	5.5	e
2	Centrifuge	12	83.3	16.7	0.0	0.35	6.2	e*
3	Sysmex X	41	97.6	2.4	0.0	0.35	3.2	e
4	Advia 120	9	100.0	0.0	0.0	0.32	2.7	e
5	ABX Pentra	11	100.0	0.0	0.0	0.31	2.5	e
6	MS4	4	50.0	25.0	25.0	0.33	7.4	e*

Hematocrit

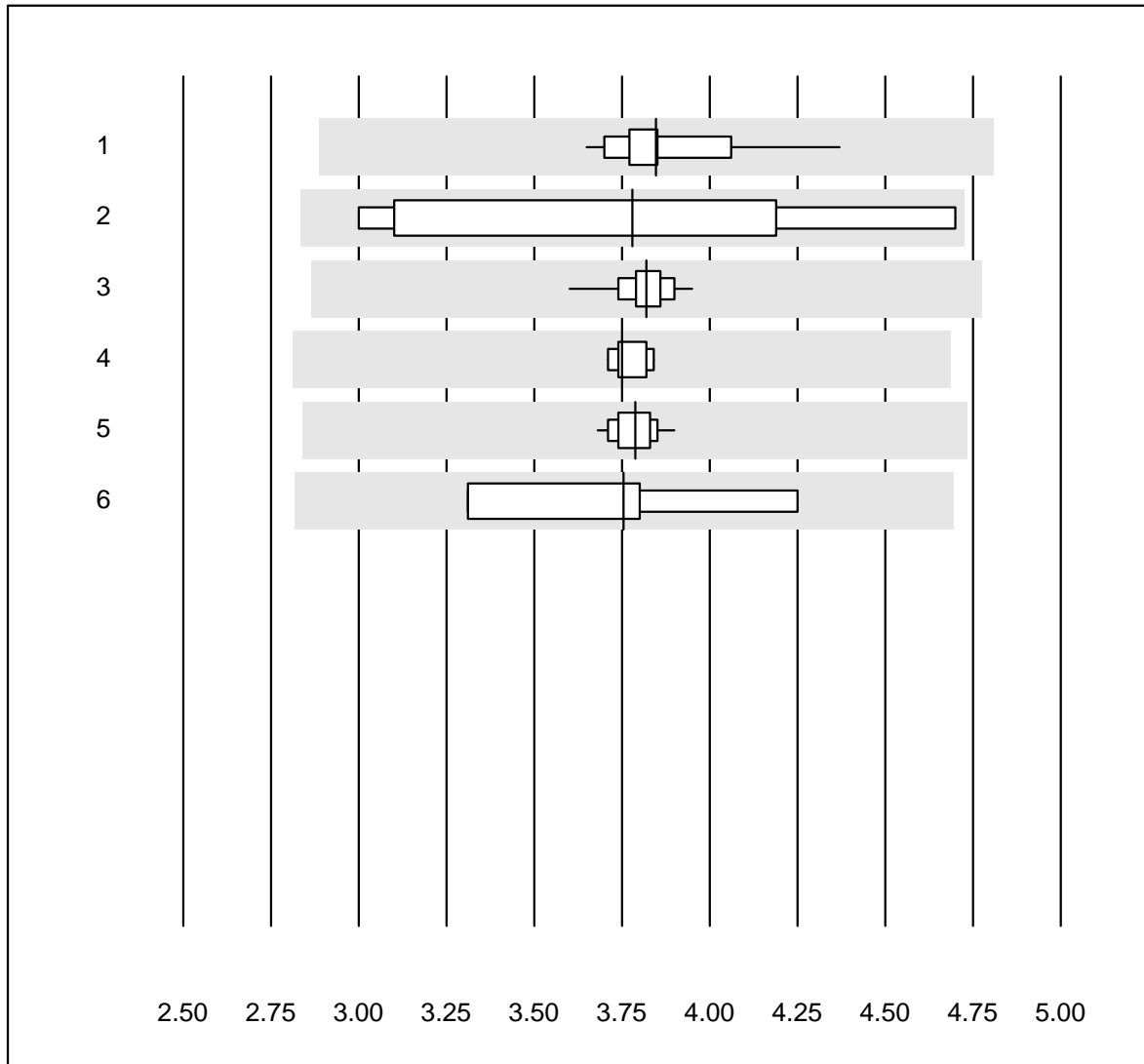


QUALAB tolerance : 9 %

Hematocrit (l/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	607	94.9	2.0	3.1	0.31	4.0	e
2	Microsemi	490	97.8	0.6	1.6	0.31	2.5	e
3	Sysmex KX21	355	97.7	0.3	2.0	0.32	2.2	e
4	Sysmex PochH - 100i	206	98.1	0.0	1.9	0.34	2.9	e
5	Sysmex XP 300	344	97.1	0.3	2.6	0.32	2.2	e
6	Mythic	249	94.4	2.8	2.8	0.33	4.0	e
7	Swelab	67	100.0	0.0	0.0	0.33	3.5	e
8	Abacus Junior	11	100.0	0.0	0.0	0.34	3.8	e*
9	Medonic	14	92.9	0.0	7.1	0.33	2.4	e
10	Nihon Kohden Celltac	46	91.4	4.3	4.3	0.34	3.3	e
11	Samsung HC10	45	97.8	2.2	0.0	0.36	3.4	e
12	Norma Icon 3	20	75.0	15.0	10.0	0.34	5.5	e*

Erythrocytes

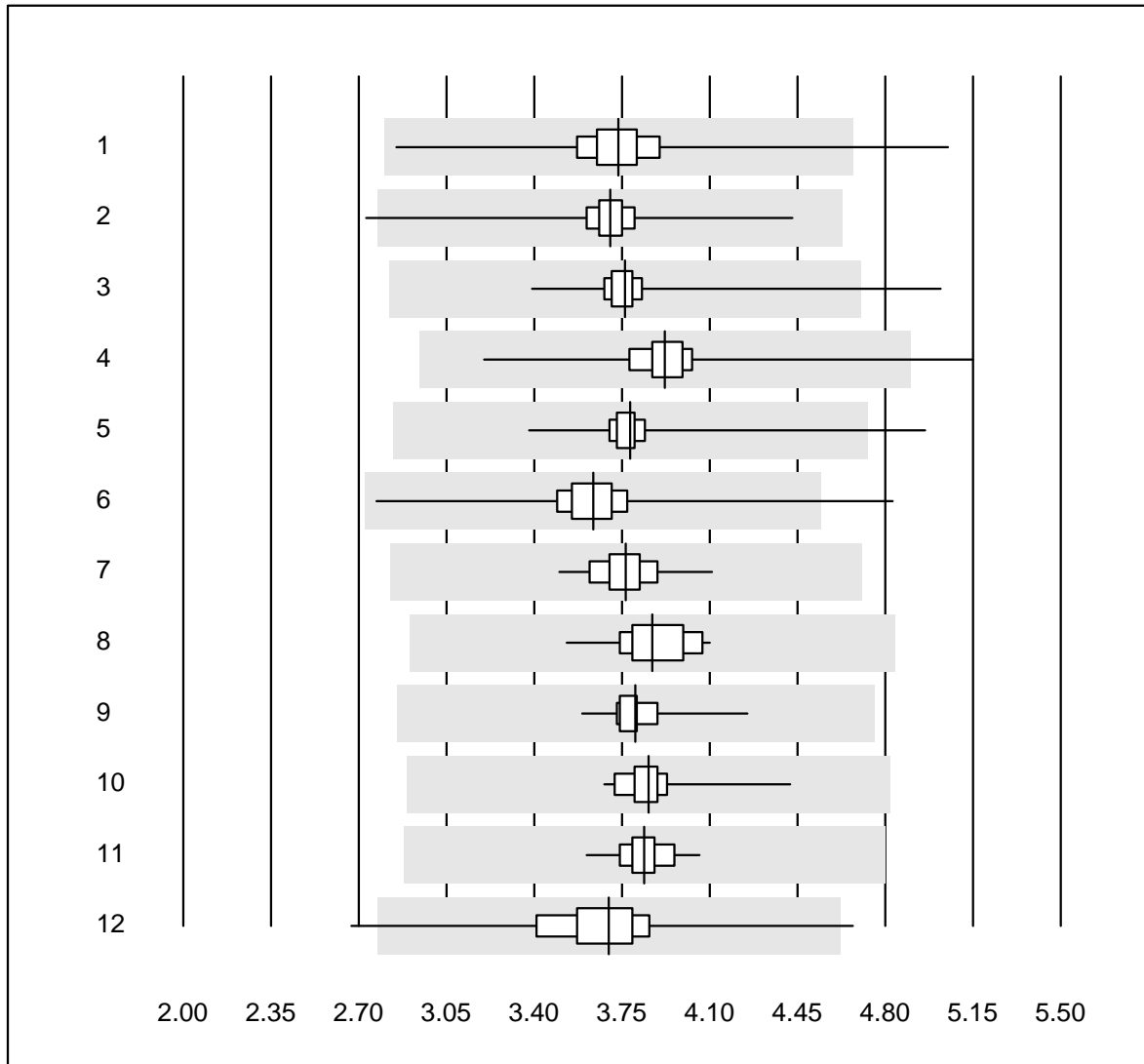


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	25	100.0	0.0	0.0	3.85	4.2	e
2	Microscopic	7	100.0	0.0	0.0	3.78	17.5	a
3	Sysmex X	42	100.0	0.0	0.0	3.82	1.8	e
4	Advia 120	9	100.0	0.0	0.0	3.75	1.4	e
5	ABX Pentra	11	100.0	0.0	0.0	3.79	1.7	e
6	MS4	4	100.0	0.0	0.0	3.76	10.2	e*

Erythrocytes

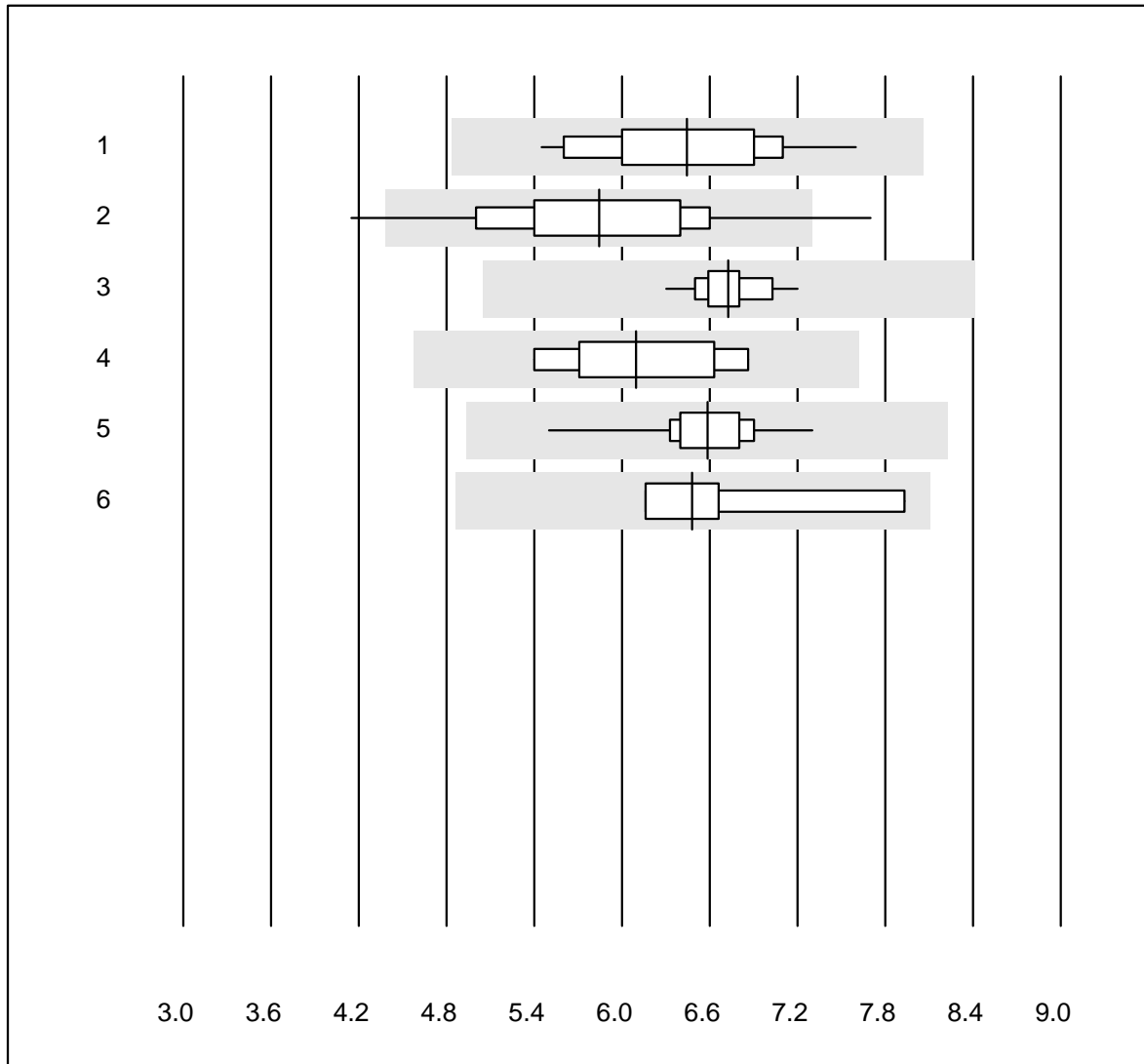


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	607	98.3	0.2	1.5	3.74	4.4	e
2	Microsemi	491	99.0	0.2	0.8	3.70	3.1	e
3	Sysmex KX21	355	98.6	0.6	0.8	3.76	3.3	e
4	Sysmex PochH - 100i	206	99.5	0.5	0.0	3.92	3.9	e
5	Sysmex XP 300	346	97.9	1.2	0.9	3.78	3.9	e
6	Mythic	248	98.0	0.4	1.6	3.63	4.2	e
7	Swelab	67	100.0	0.0	0.0	3.77	3.0	e
8	Abacus Junior	11	100.0	0.0	0.0	3.87	4.2	e
9	Medonic	14	100.0	0.0	0.0	3.80	3.9	e
10	Nihon Kohden Celltac	46	97.8	0.0	2.2	3.86	3.4	e
11	Samsung HC10	45	100.0	0.0	0.0	3.84	2.2	e
12	Norma Icon 3	20	90.0	10.0	0.0	3.70	9.5	e

Leucocytes

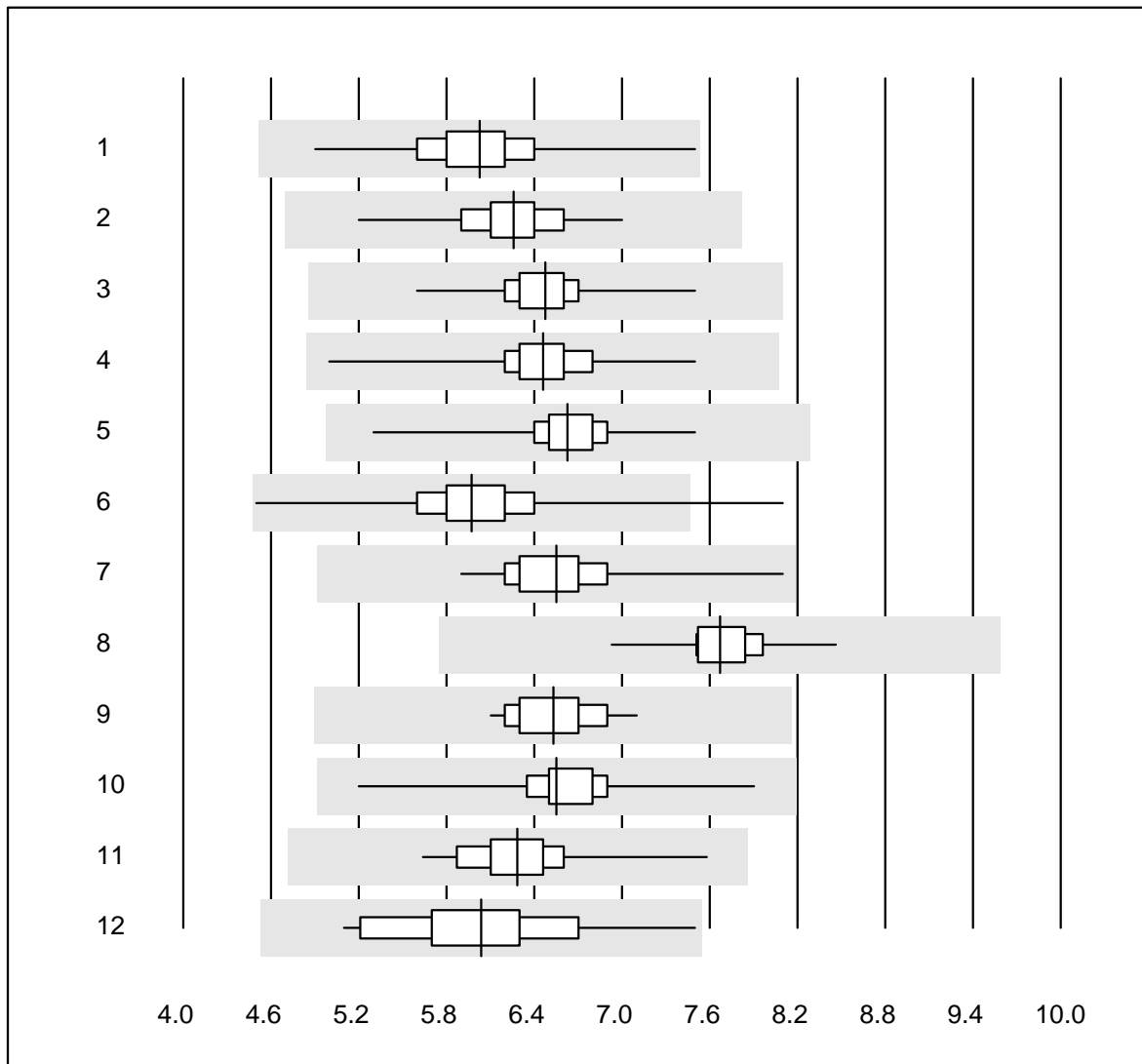


QUALAB tolerance : 25 %

Leucocytes (G/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	23	100.0	0.0	0.0	6.44	8.5	e
2	Microscopic	39	89.8	5.1	5.1	5.84	12.1	e
3	Sysmex X	42	100.0	0.0	0.0	6.73	3.2	e
4	Advia 120 (Perox)	8	100.0	0.0	0.0	6.10	8.9	e*
5	ABX Pentra	11	100.0	0.0	0.0	6.58	6.8	e
6	MS4	4	100.0	0.0	0.0	6.48	11.9	e*

Leucocytes

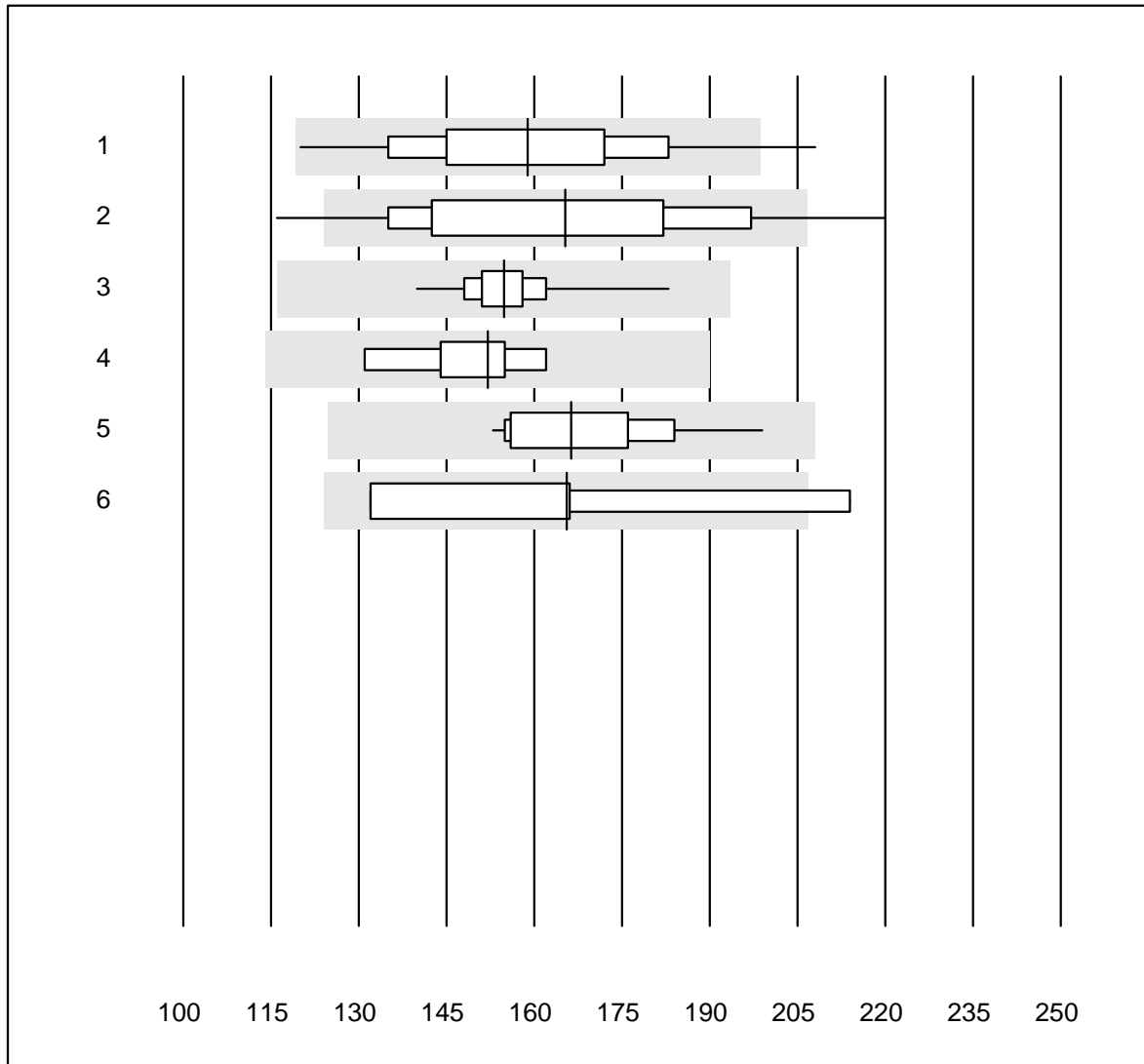


QUALAB tolerance : 25 %

Leucocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	607	98.4	0.0	1.6	6.03	5.5	e
2	Microsemi	492	99.2	0.0	0.8	6.26	3.9	e
3	Sysmex KX21	355	99.7	0.0	0.3	6.48	3.5	e
4	Sysmex PochH - 100i	206	100.0	0.0	0.0	6.46	4.6	e
5	Sysmex XP 300	348	99.7	0.0	0.3	6.63	3.5	e
6	Mythic	247	99.2	0.4	0.4	5.97	6.1	e
7	Swelab	67	100.0	0.0	0.0	6.55	5.3	e
8	Abacus Junior	11	100.0	0.0	0.0	7.67	4.8	e
9	Medonic	14	100.0	0.0	0.0	6.53	4.5	e
10	Nihon Kohden Celltac	46	100.0	0.0	0.0	6.55	6.1	e
11	Samsung HC10	45	100.0	0.0	0.0	6.28	5.3	e
12	Norma Icon 3	20	100.0	0.0	0.0	6.04	9.5	e

Thrombocytes

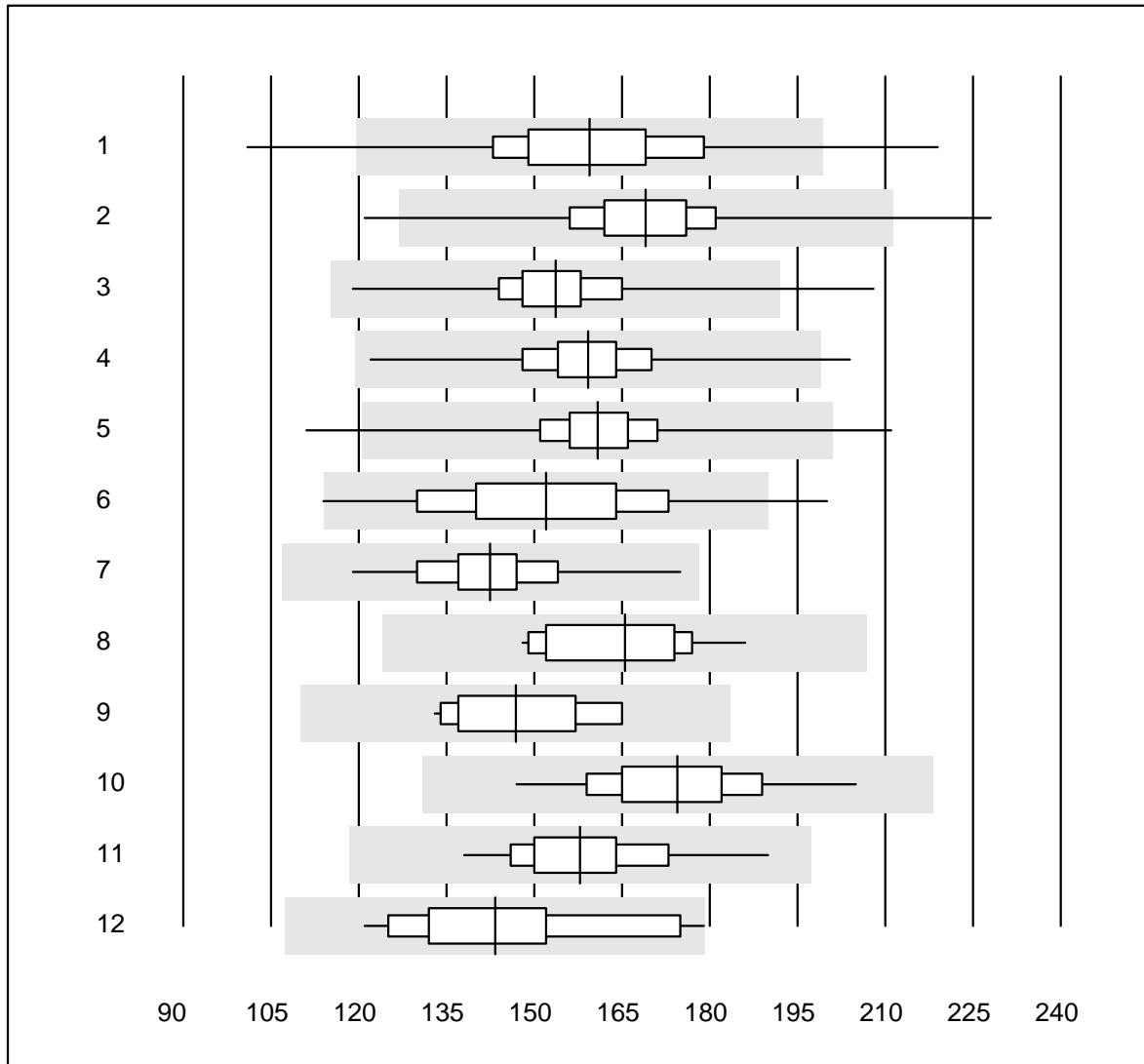


QUALAB tolerance : 25 %

Thrombocytes (G/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	21	95.2	4.8	0.0	158.8	13.1	e
2	Microscopic	24	83.4	8.3	8.3	165.3	15.7	e*
3	Sysmex X	41	100.0	0.0	0.0	154.9	4.7	e
4	Advia 120	9	100.0	0.0	0.0	152.0	6.2	e
5	ABX Pentra	11	100.0	0.0	0.0	166.3	9.0	e
6	MS4	4	75.0	25.0	0.0	165.5	19.9	e*

Thrombocytes

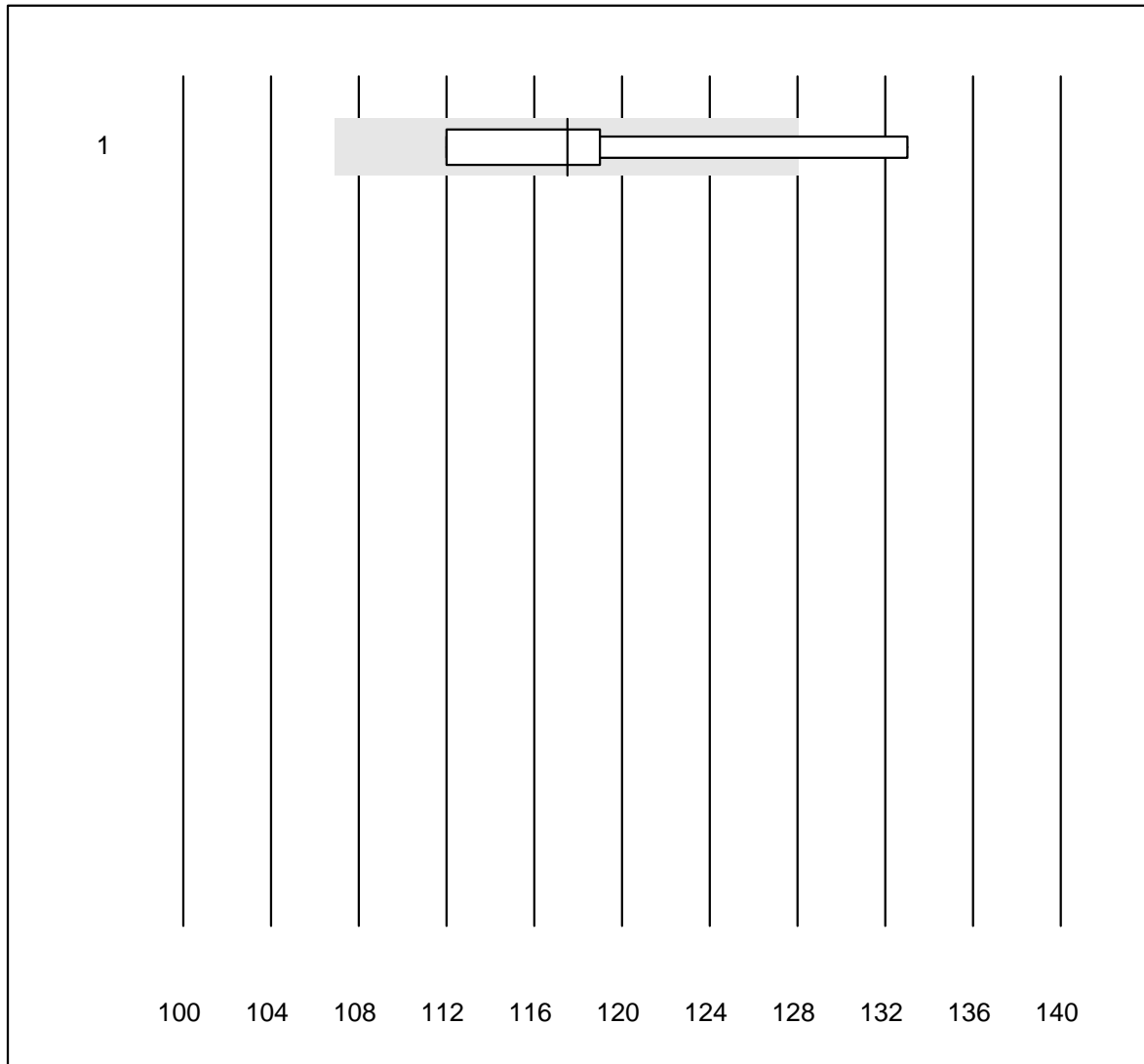


QUALAB tolerance : 25 %

Thrombocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	606	95.1	2.1	2.8	159.4	9.8	e
2	Microsemi	492	98.8	0.8	0.4	169.0	6.6	e
3	Sysmex KX21	355	99.7	0.3	0.0	153.6	5.7	e
4	Sysmex PochH - 100i	206	99.0	0.5	0.5	159.2	5.8	e
5	Sysmex XP 300	347	98.8	0.6	0.6	160.8	5.8	e
6	Mythic	249	94.8	2.4	2.8	152.0	11.1	e
7	Swelab	67	98.5	0.0	1.5	142.5	7.5	e
8	Abacus Junior	11	100.0	0.0	0.0	165.5	7.4	e
9	Medonic	14	100.0	0.0	0.0	146.9	7.4	e
10	Nihon Kohden Celltac	46	91.3	0.0	8.7	174.5	6.9	e
11	Samsung HC10	45	100.0	0.0	0.0	157.8	7.3	e
12	Norma Icon 3	20	95.0	0.0	5.0	143.3	10.8	e

Hemoglobin BG

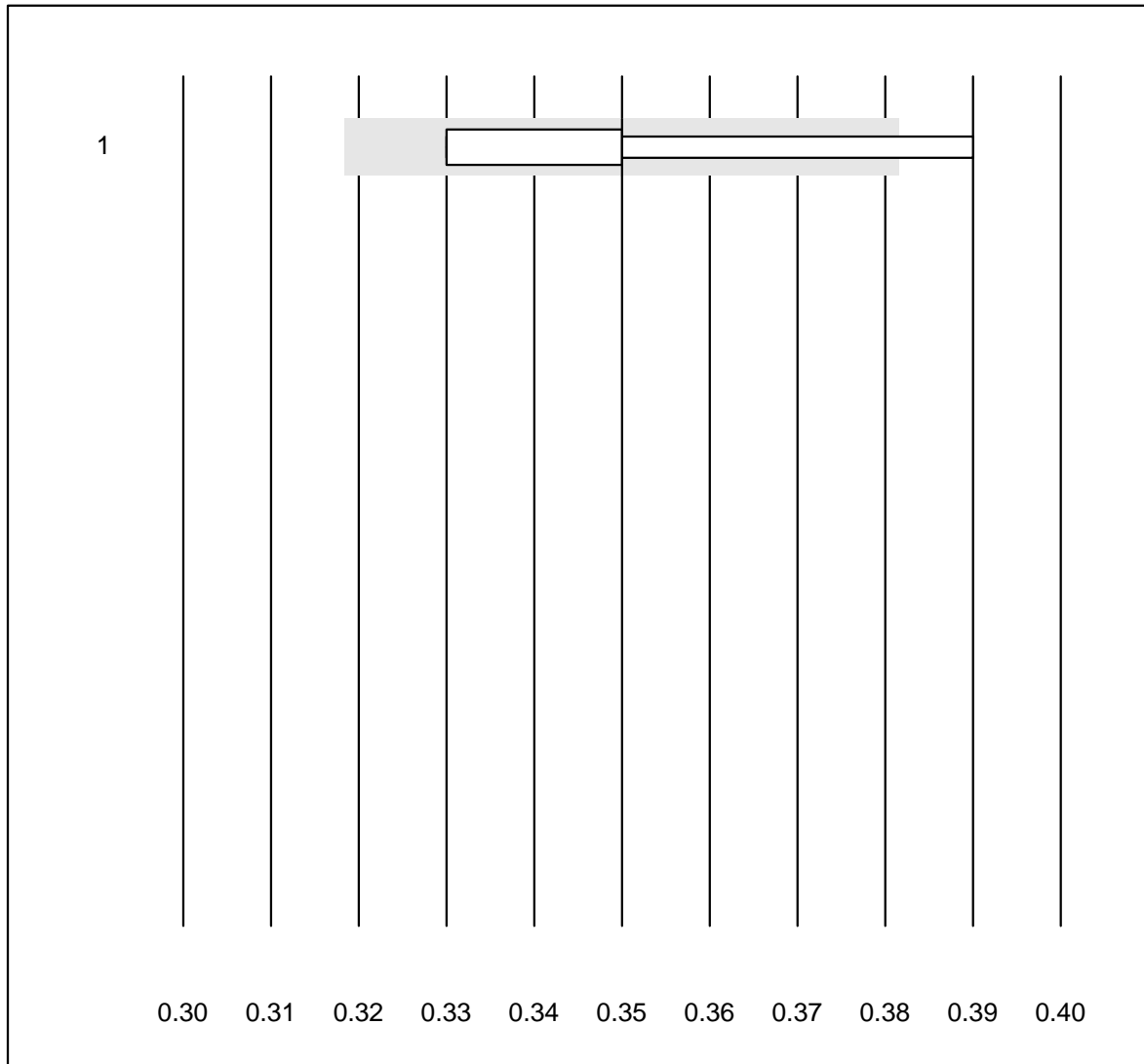


QUALAB tolerance : 9 %

Hemoglobin BG (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	iStat	6	83.3	16.7	0.0	117.5	6.6	e*

Hematocrit

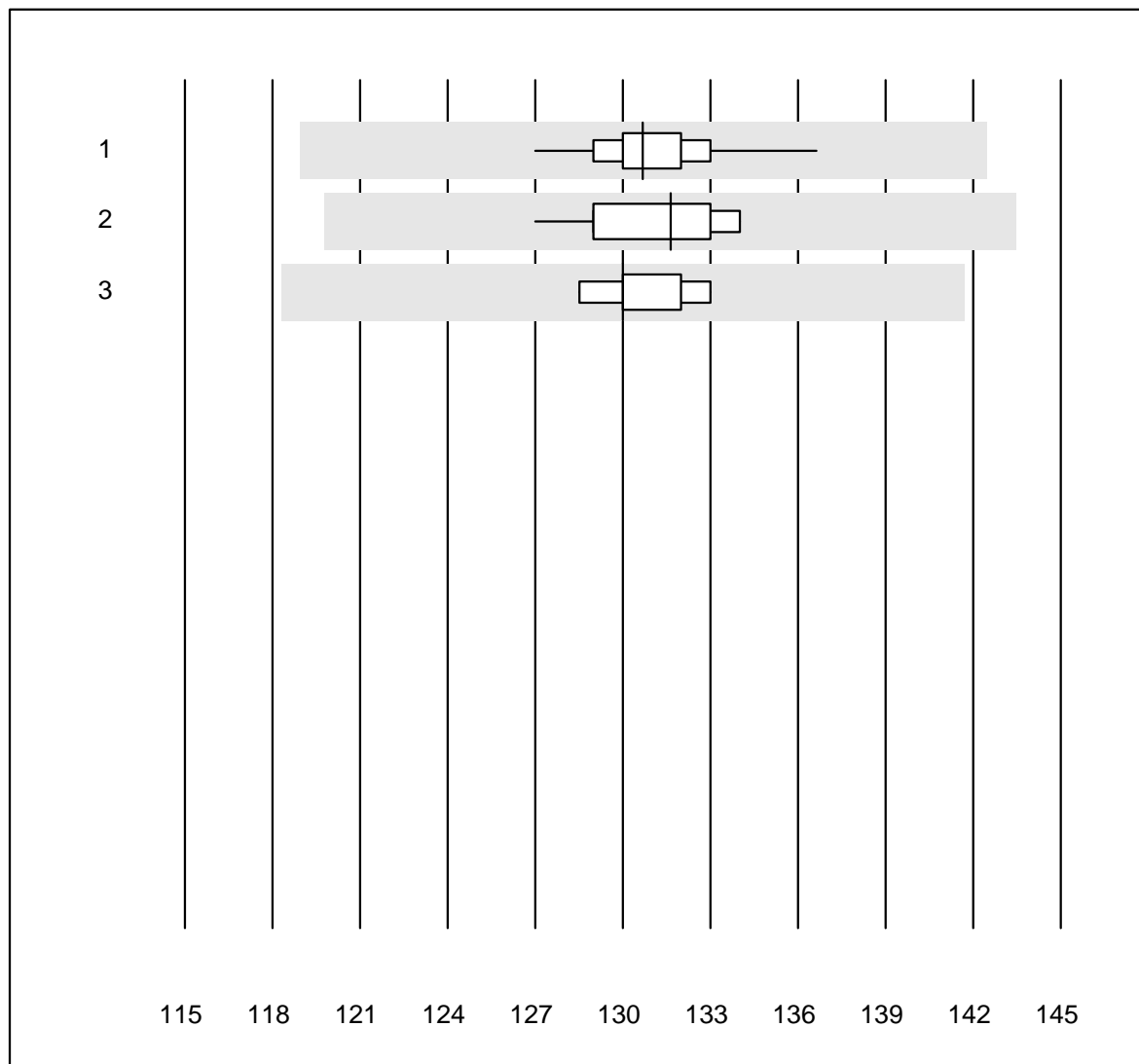


QUALAB tolerance : 9 %

Hematocrit (l/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 iStat	7	85.7	14.3	0.0	0.35	5.8	e*

Hemoglobin

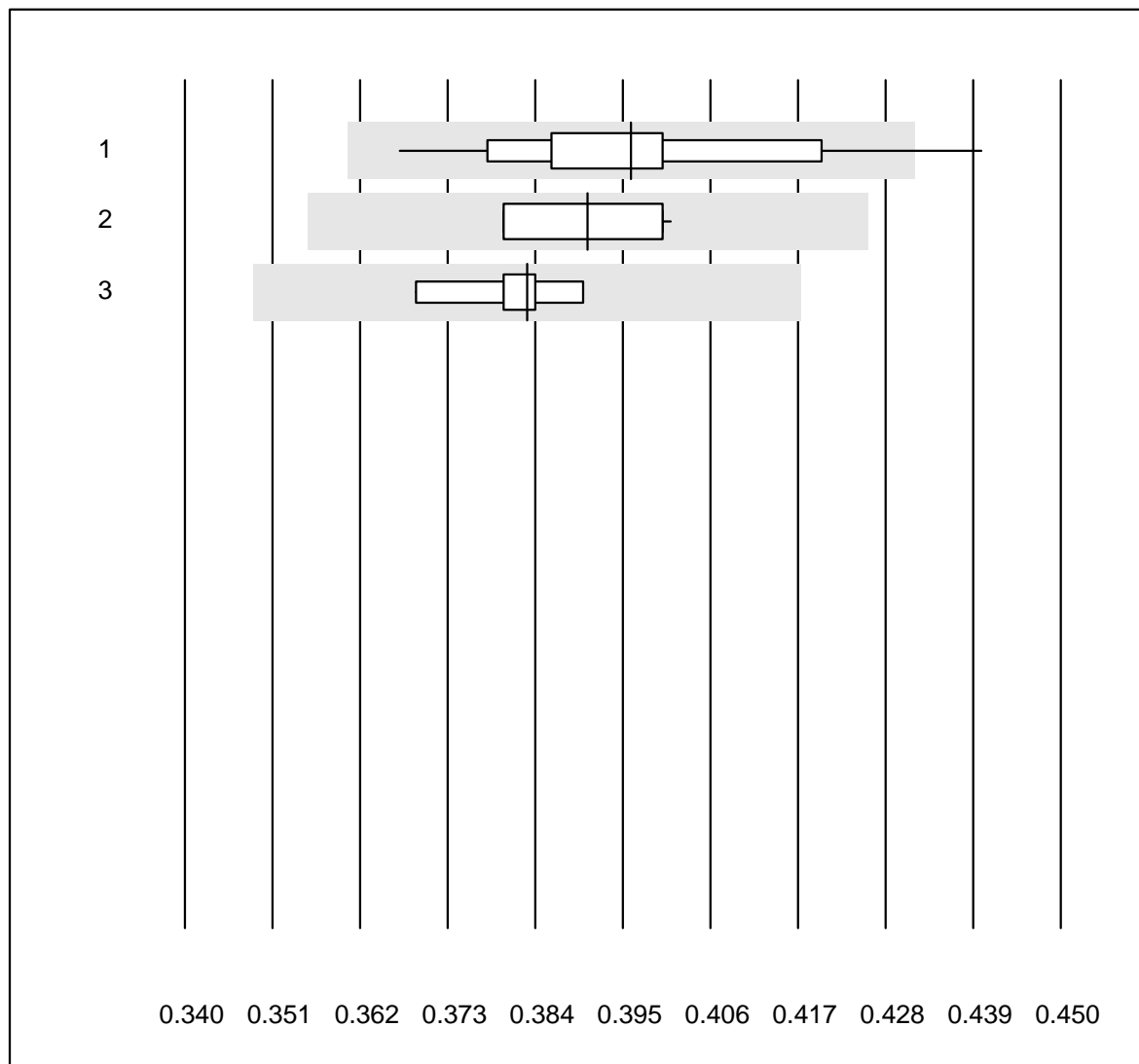


QUALAB tolerance : 9 %

Hemoglobin (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	43	100.0	0.0	0.0	130.7	1.4	e
2	Advia	11	100.0	0.0	0.0	131.6	1.7	e
3	ABX Pentra	7	100.0	0.0	0.0	130.0	1.1	e

Hematocrit

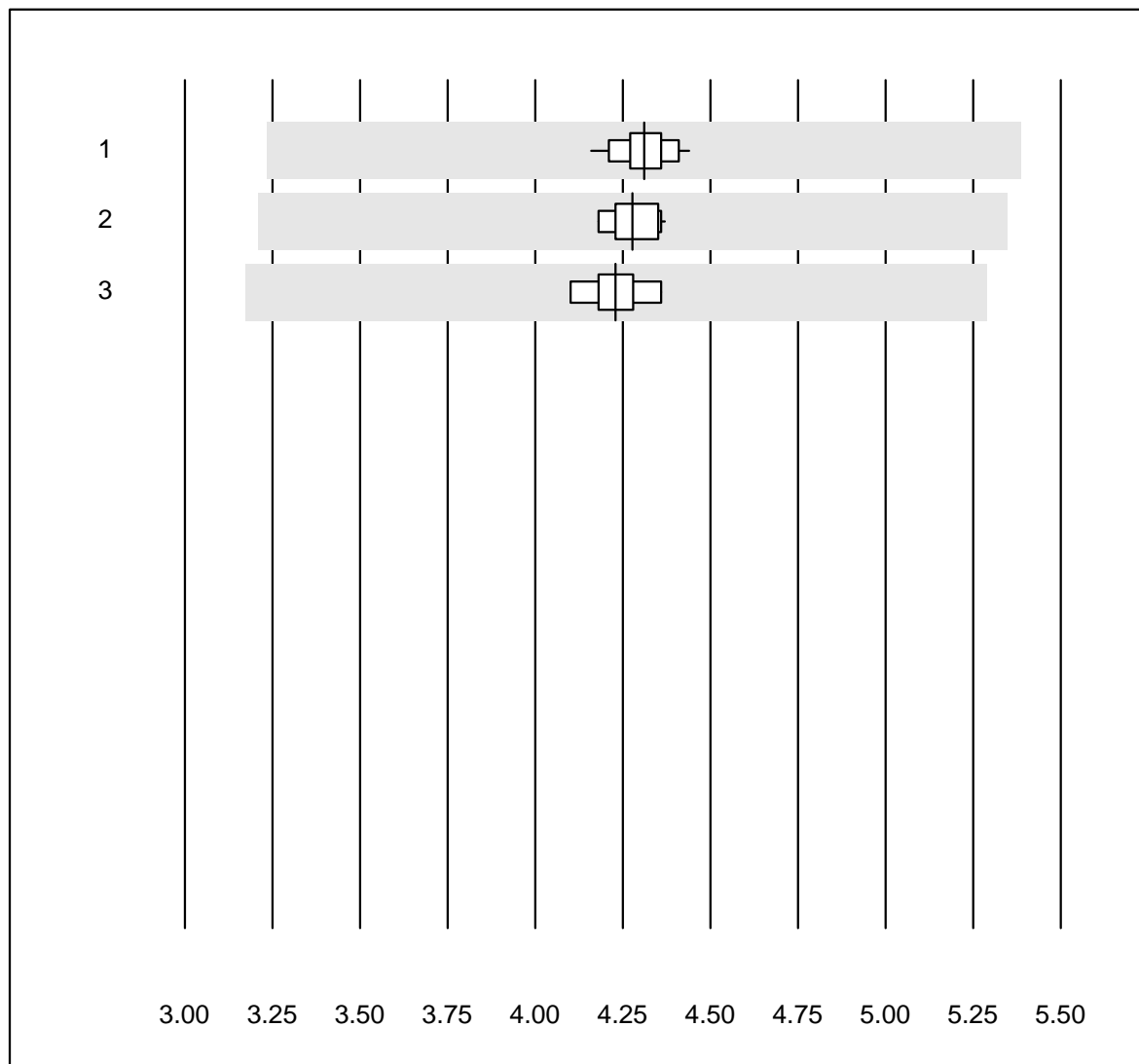


QUALAB tolerance : 9 %

Hematocrit (l/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Sysmex	43	95.4	2.3	2.3	0.40	3.9	e
2 Advia	11	100.0	0.0	0.0	0.39	2.2	e
3 ABX Pentra	7	100.0	0.0	0.0	0.38	1.7	e

Erythrocytes

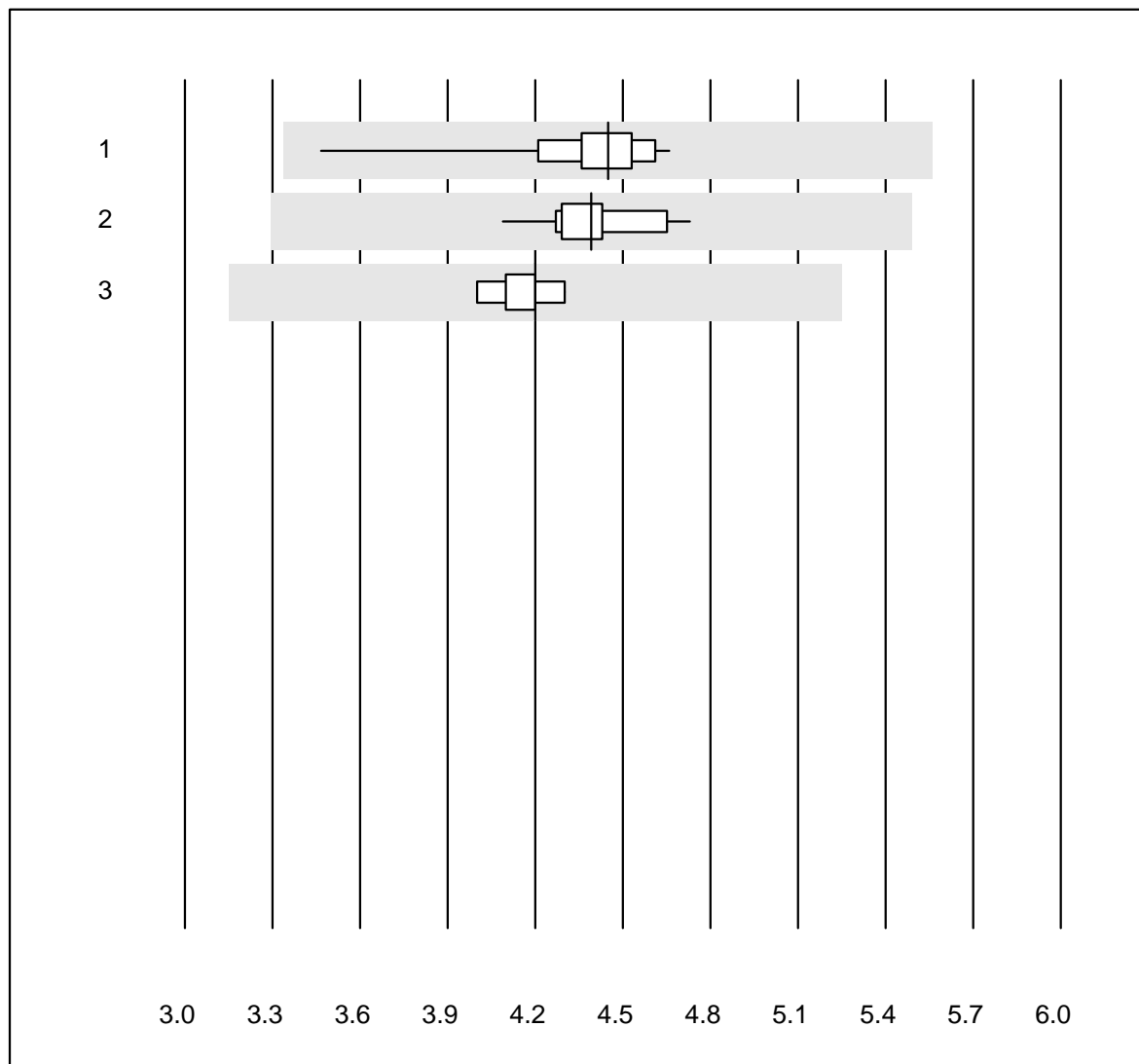


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	43	100.0	0.0	0.0	4.31	1.6	e
2	Advia	11	100.0	0.0	0.0	4.28	1.6	e
3	ABX Pentra	7	100.0	0.0	0.0	4.23	1.9	e

Leucocytes

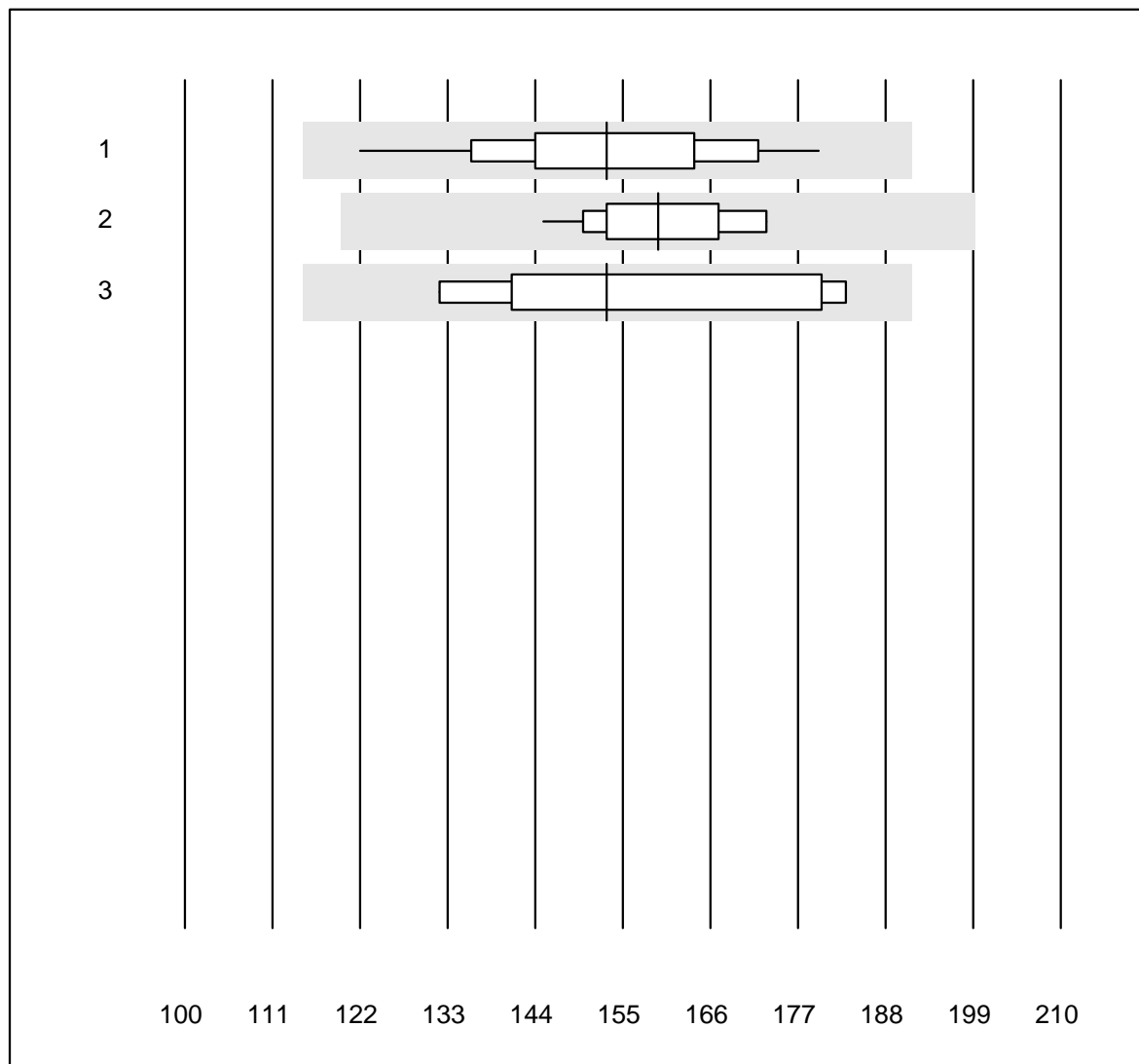


QUALAB tolerance : 25 %

Leucocytes (G/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	43	100.0	0.0	0.0	4.45	4.6	e
2	Advia	11	100.0	0.0	0.0	4.39	4.0	e
3	ABX Pentra	7	100.0	0.0	0.0	4.20	2.3	e

Thrombocytes

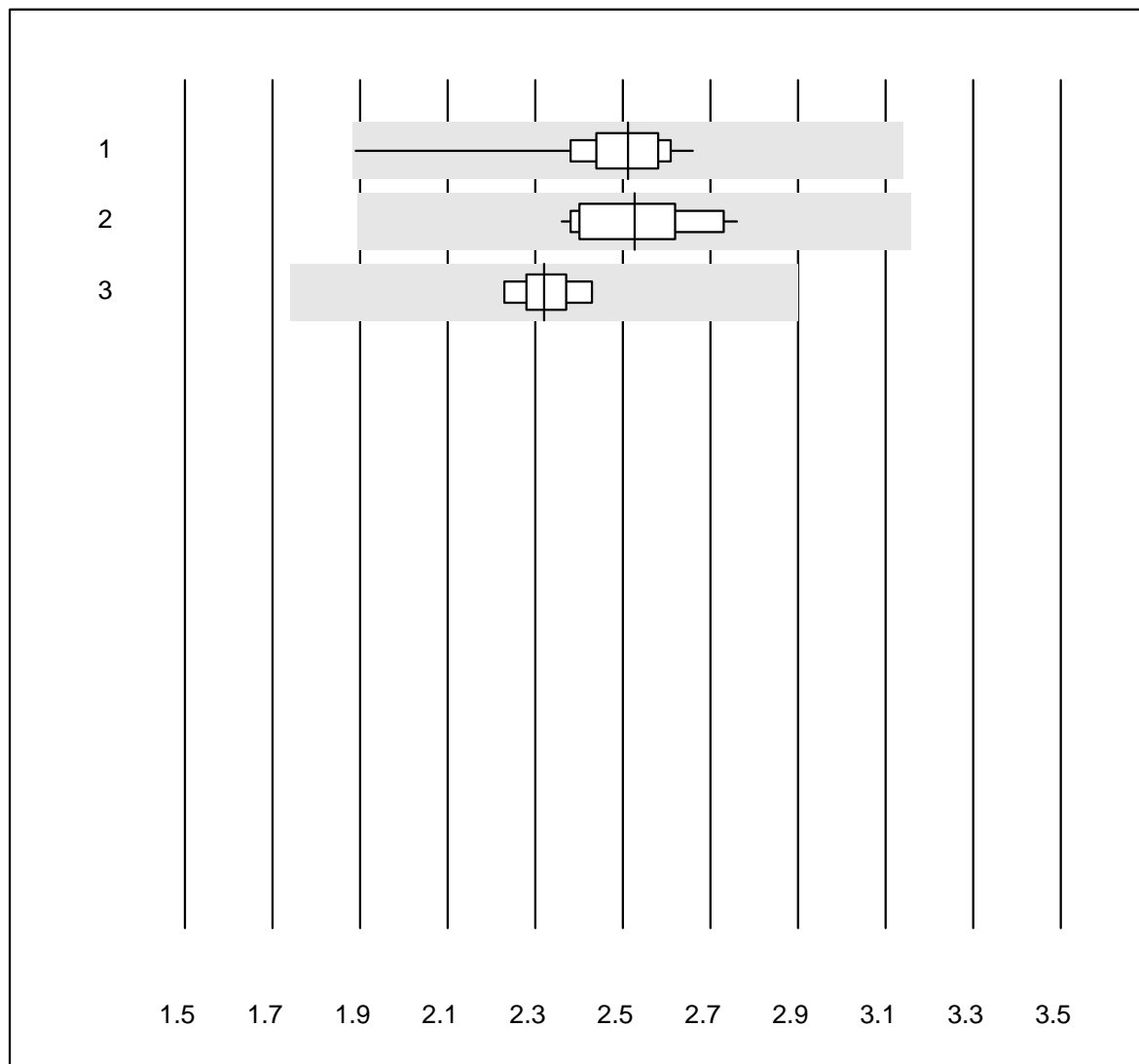


QUALAB tolerance : 25 %

Thrombocytes (G/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	43	97.7	0.0	2.3	153.0	9.2	e
2	Advia	11	100.0	0.0	0.0	159.5	5.6	e
3	ABX Pentra	7	100.0	0.0	0.0	153.0	12.0	e*

Neutrophils

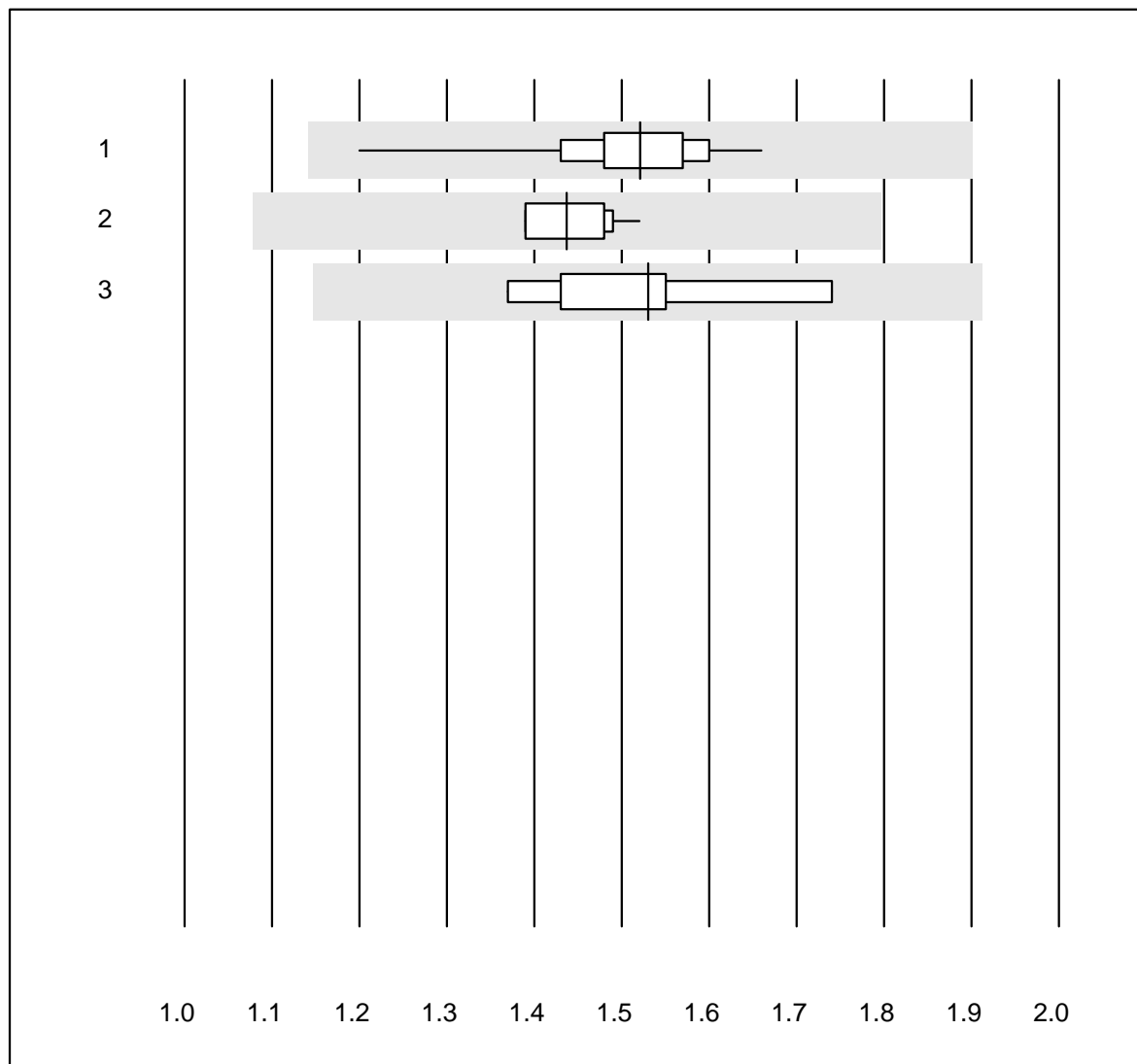


QUALAB tolerance : 25 %

Neutrophils (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	43	100.0	0.0	0.0	2.51	5.1	e
2	Advia	11	100.0	0.0	0.0	2.53	5.4	e
3	ABX Pentra	7	100.0	0.0	0.0	2.32	2.8	e

Lymphocytes

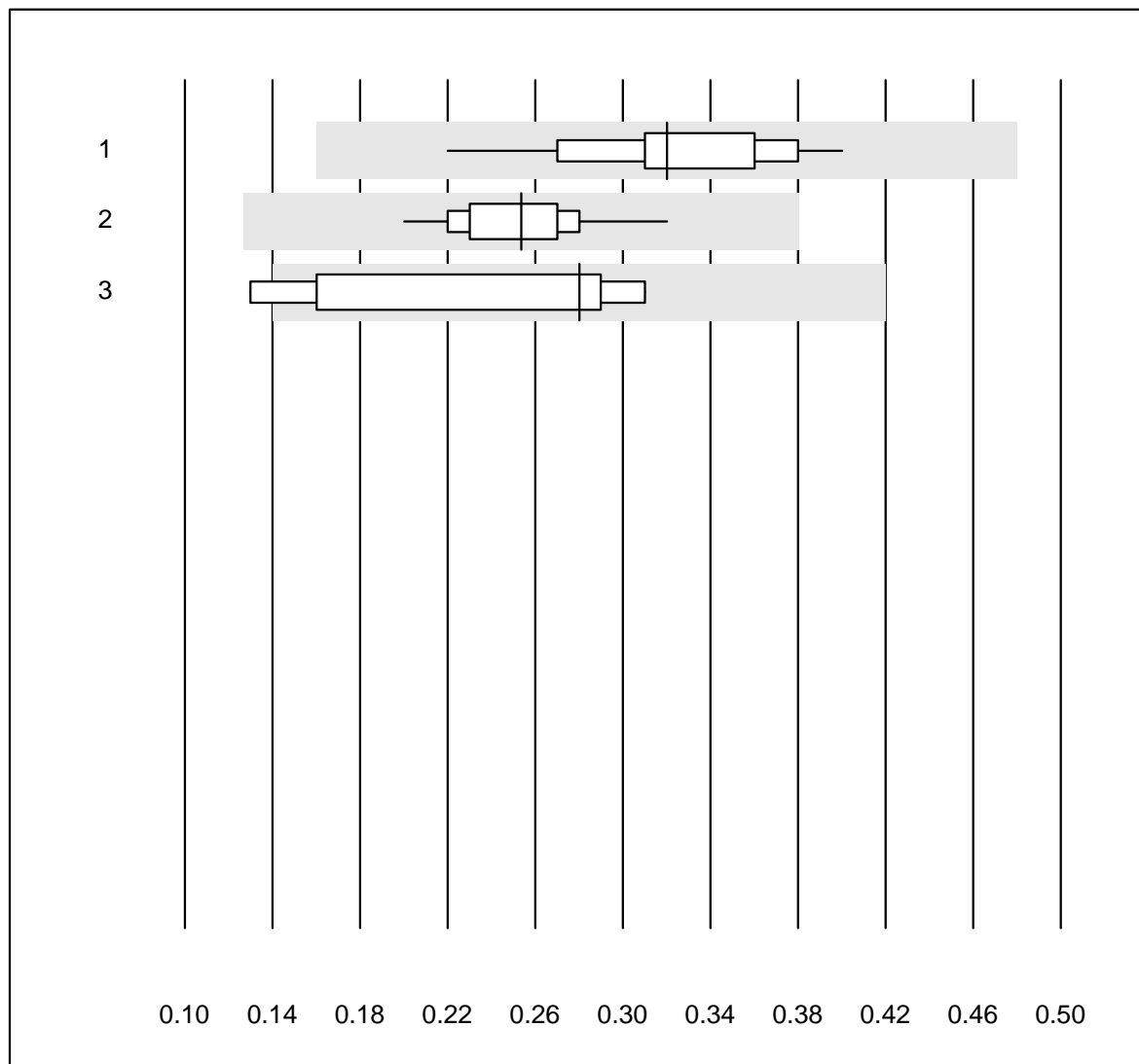


QUALAB tolerance : 25 %

Lymphocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	43	100.0	0.0	0.0	1.52	5.7	e
2	Advia	11	100.0	0.0	0.0	1.44	3.3	e
3	ABX Pentra	7	100.0	0.0	0.0	1.53	7.7	e

Monocytes

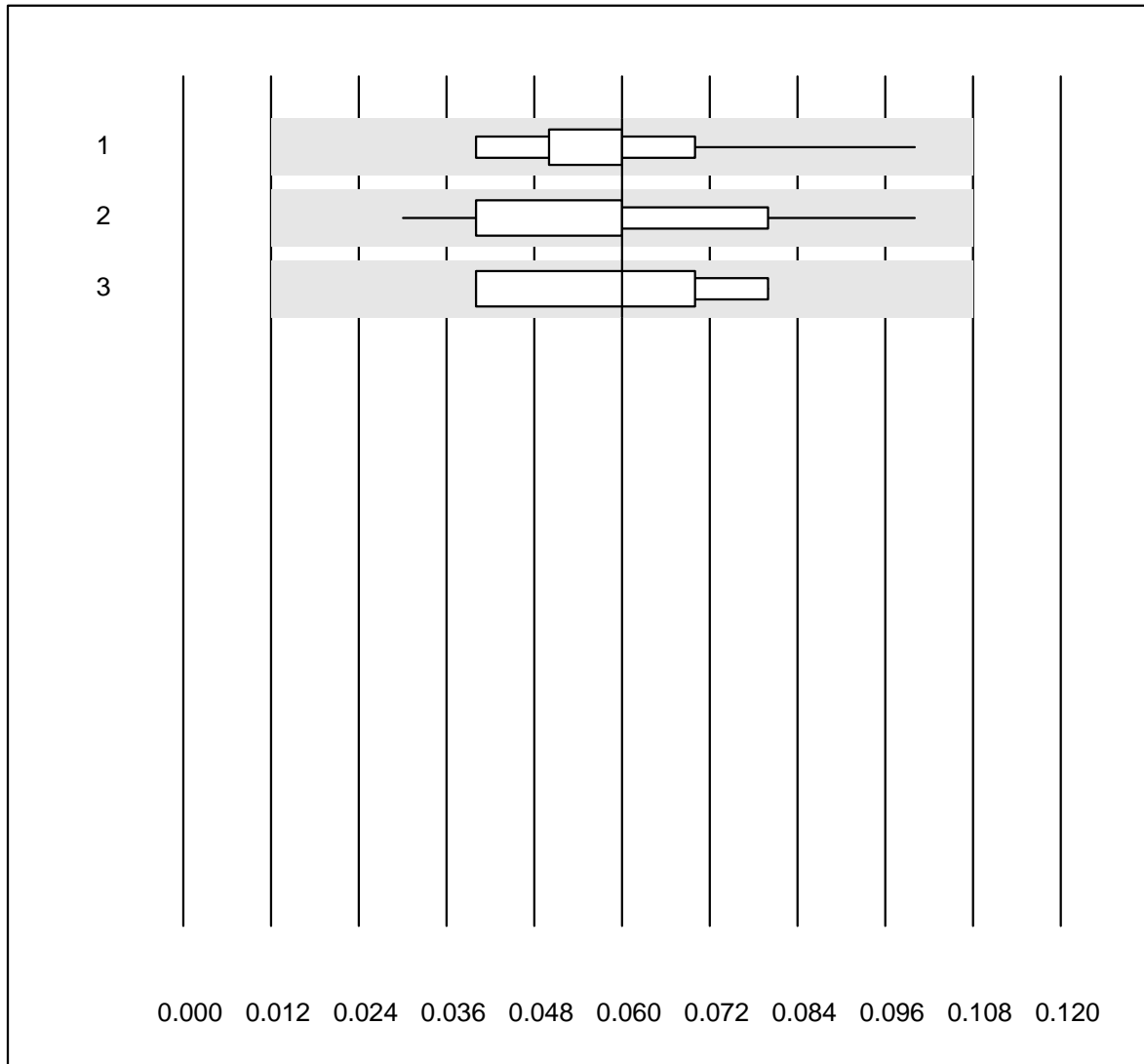


QUALAB tolerance : 25 %

Monocytes (G/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	43	100.0	0.0	0.0	0.32	13.5	a
2	Advia	11	100.0	0.0	0.0	0.25	13.0	a
3	ABX Pentra	7	85.7	14.3	0.0	0.28	28.7	a

Eosinophils

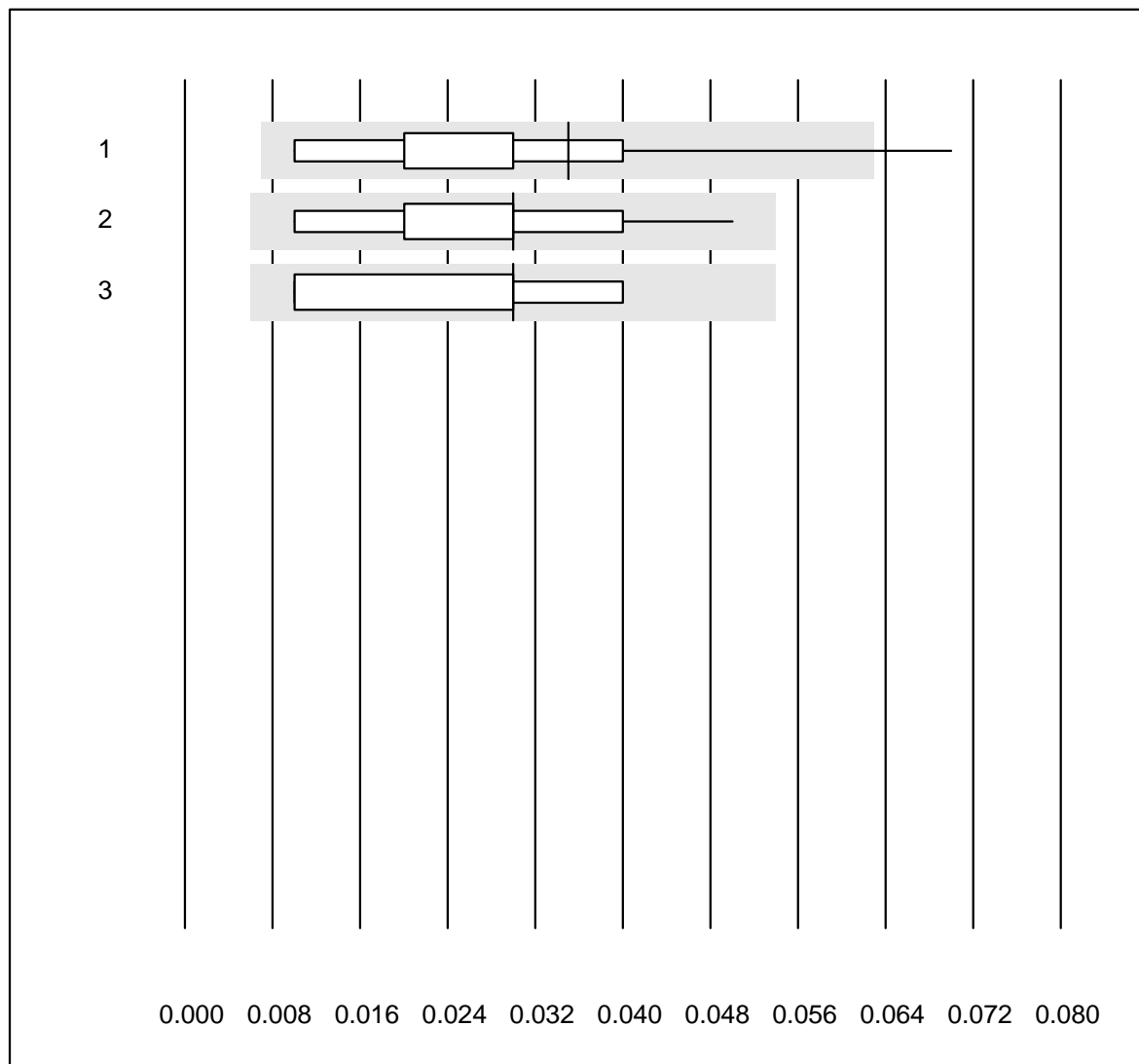


QUALAB tolerance : 50 %

Eosinophils (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	43	100.0	0.0	0.0	0.06	28.9	a
2	Advia	11	100.0	0.0	0.0	0.06	36.7	a
3	ABX Pentra	7	100.0	0.0	0.0	0.06	26.2	a

Basophiles

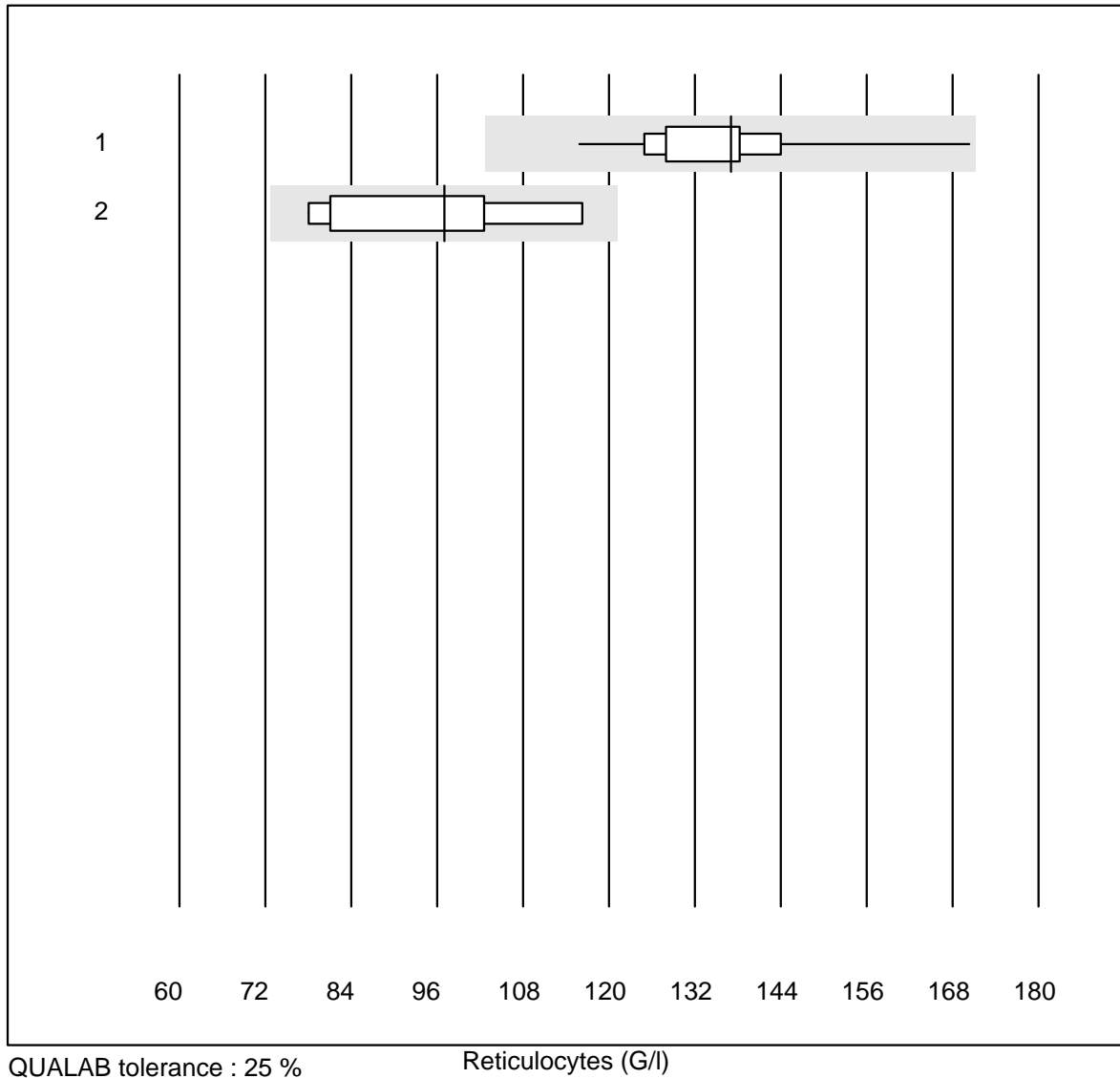


QUALAB tolerance : 80 %

Basophiles (G/l)

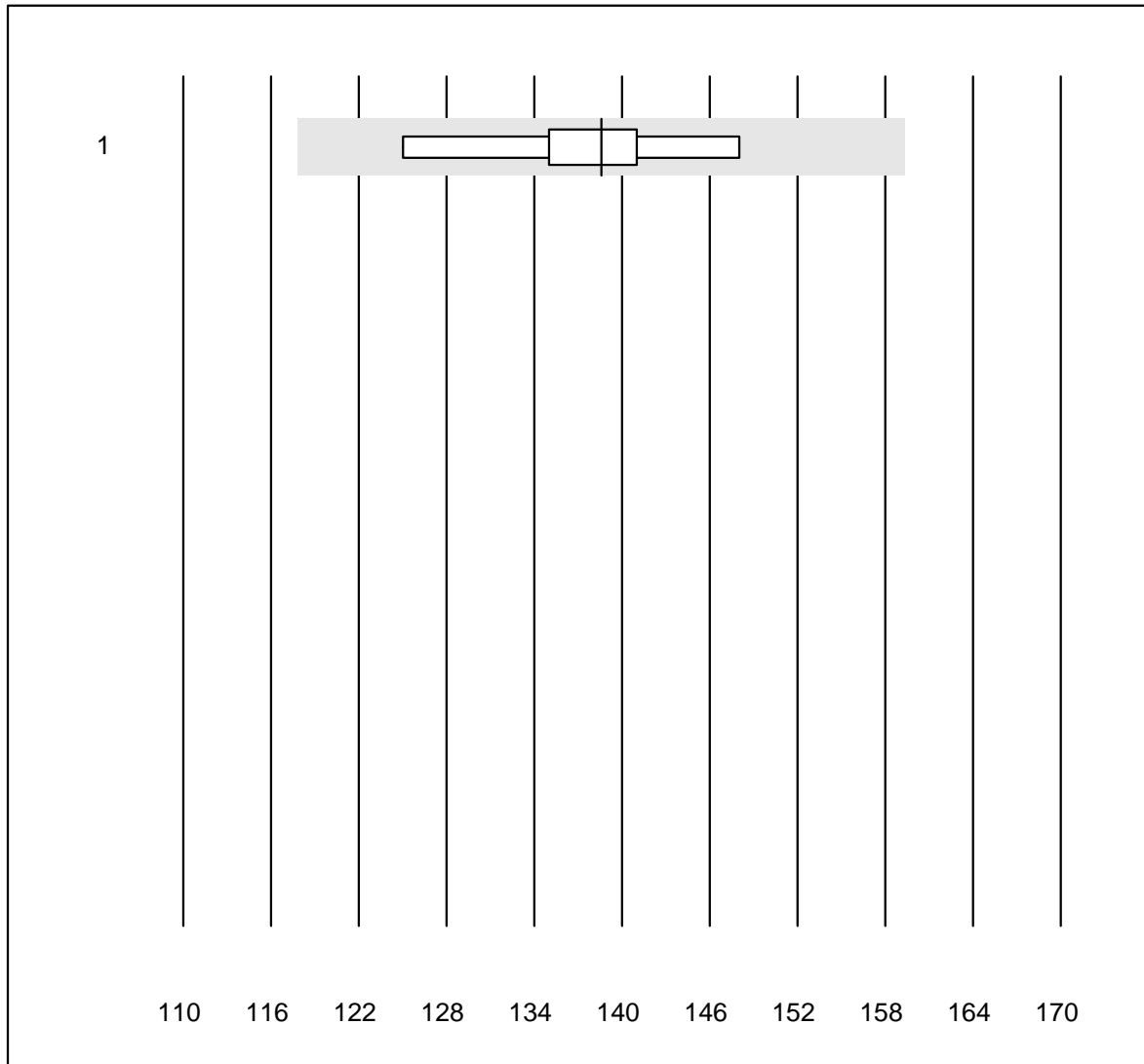
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	42	97.6	2.4	0.0	0.04	53.6	a
2	Advia	11	100.0	0.0	0.0	0.03	45.7	a
3	ABX Pentra	7	100.0	0.0	0.0	0.03	64.5	a

Reticulocytes



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	21	100.0	0.0	0.0	137.0	8.4	a
2	Advia	8	100.0	0.0	0.0	97.0	14.8	a

Hämolyseindex Probe A

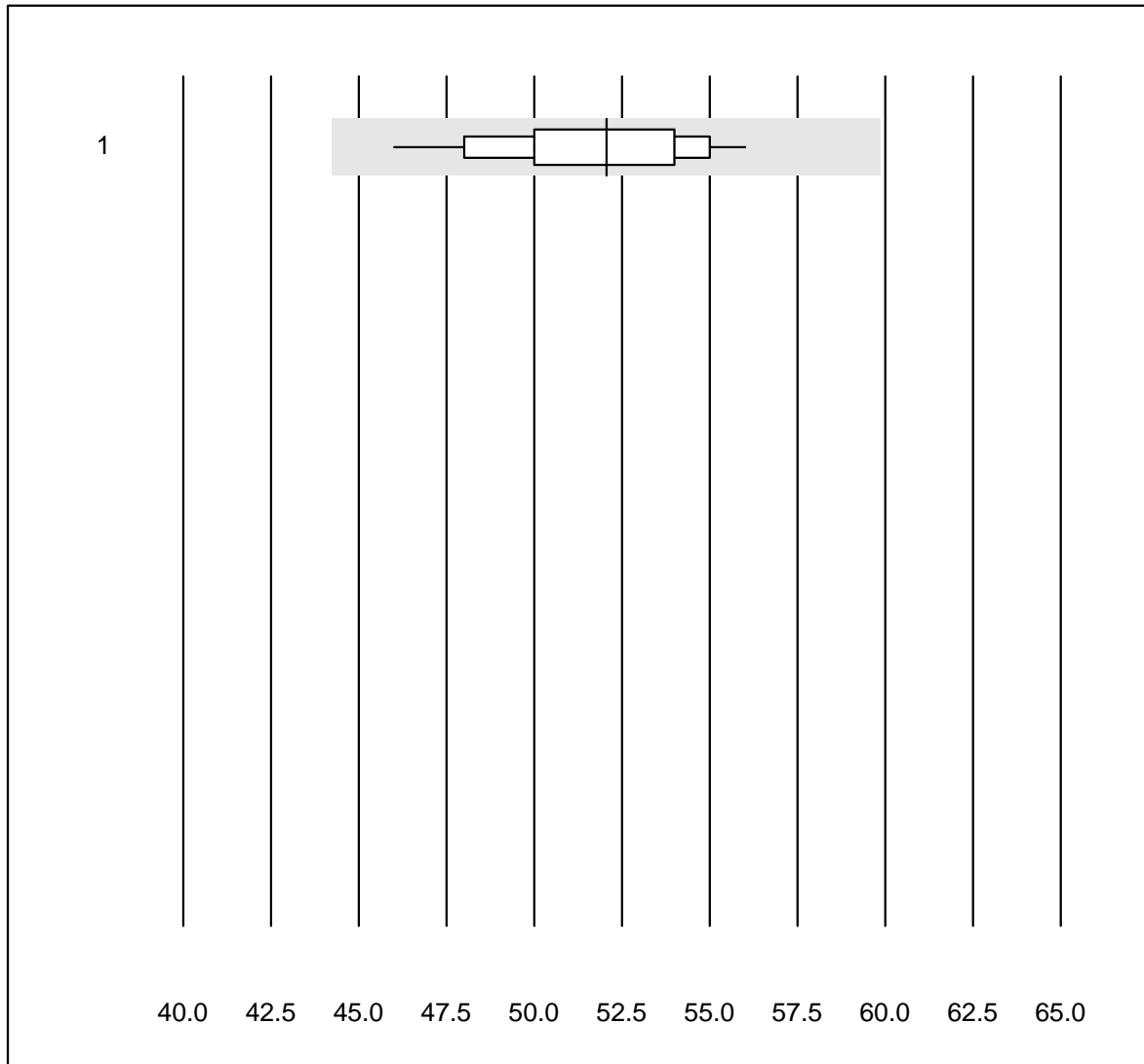


QUALAB tolerance : 15 %

Hämolyseindex Probe A ()

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Cobas	17	94.1	0.0	5.9	138.6	5.1	e

Hämolyseindex Probe B

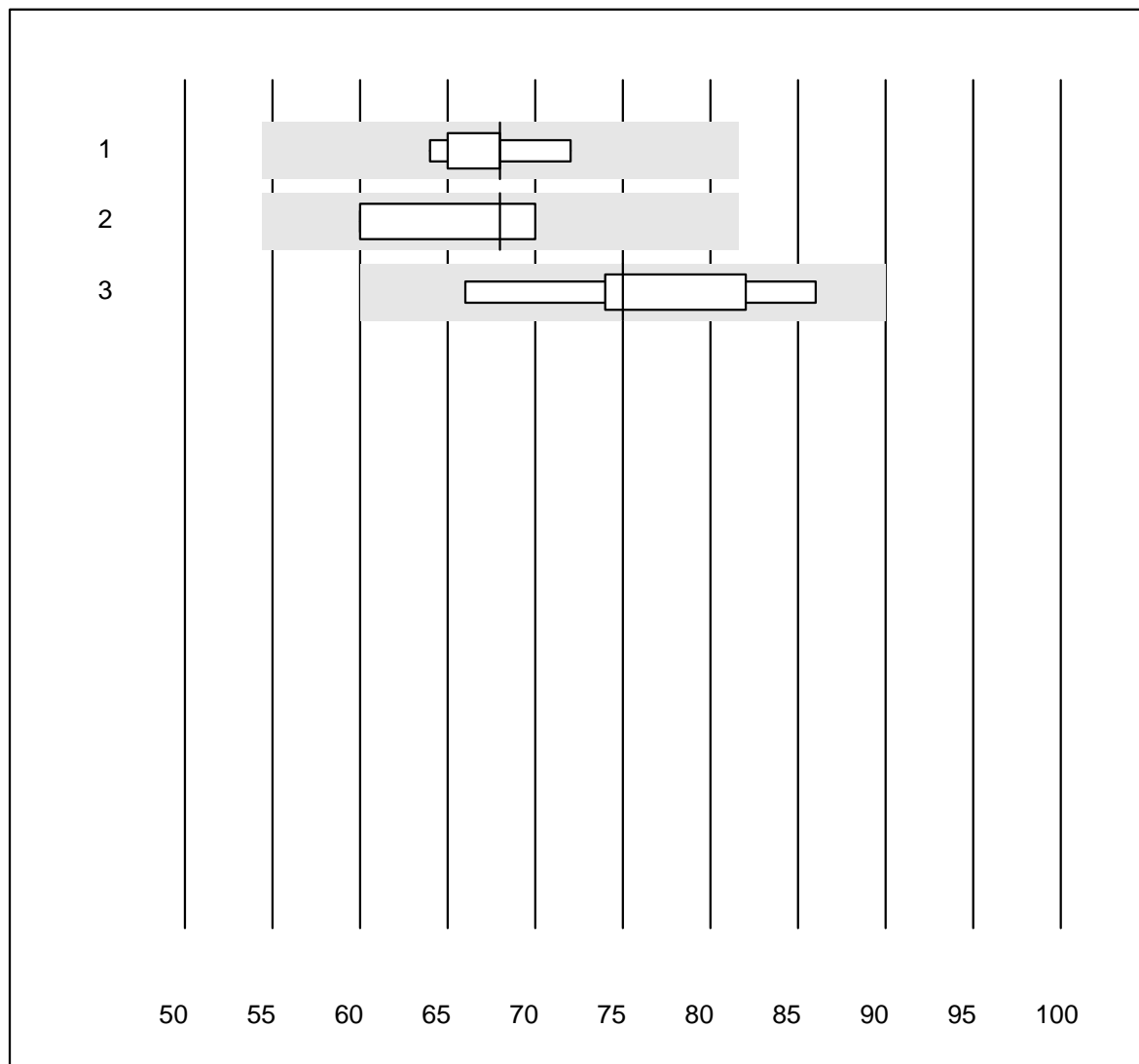


QUALAB tolerance : 15 %

Hämolyseindex Probe B ()

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Cobas	17	94.1	0.0	5.9	52.1	5.2	e

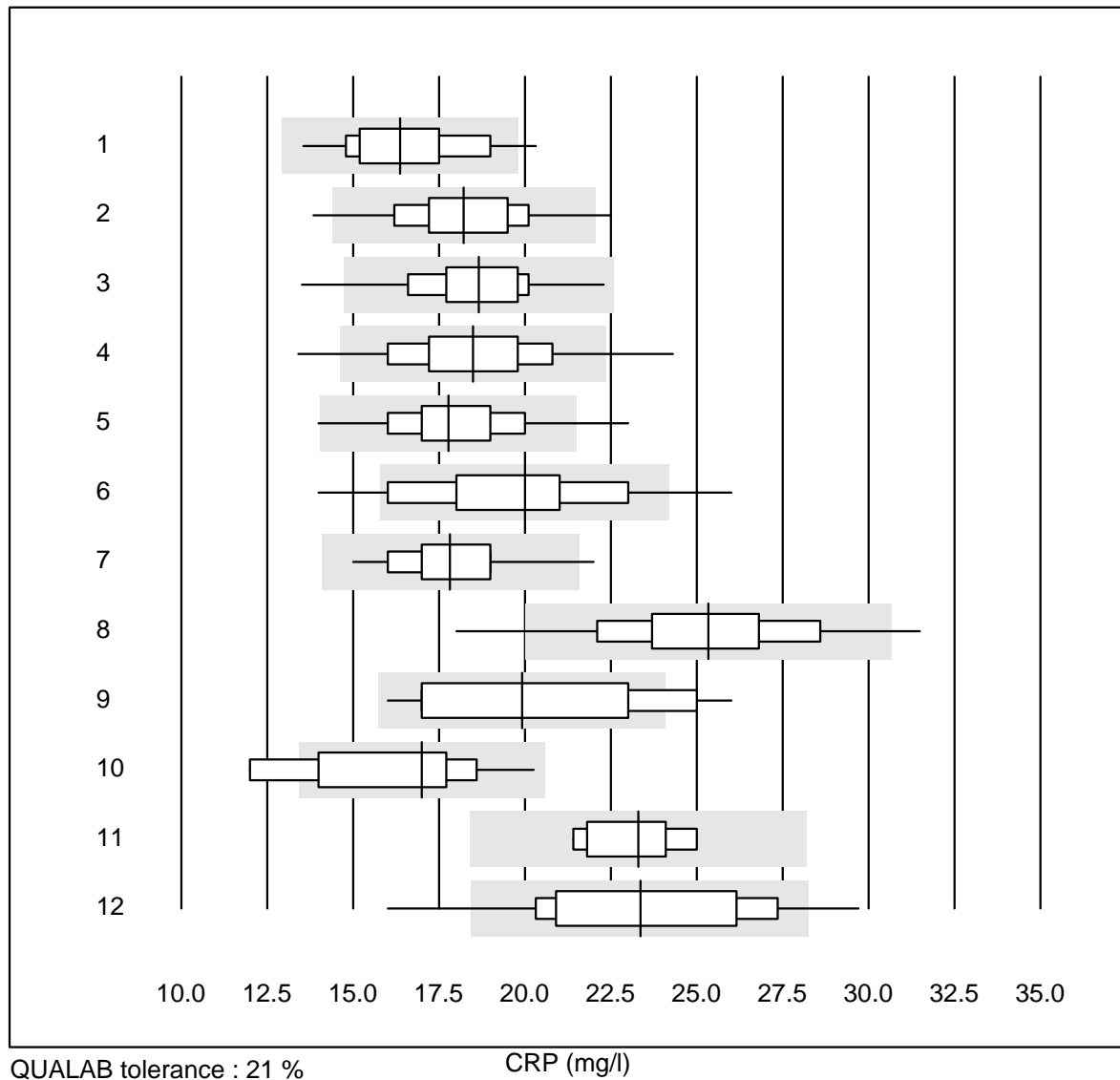
Erythrocyte sedimentation rate 1h



QUALAB tolerance : 20 % Erythrocyte sedimentation rate 1h (mm/h)

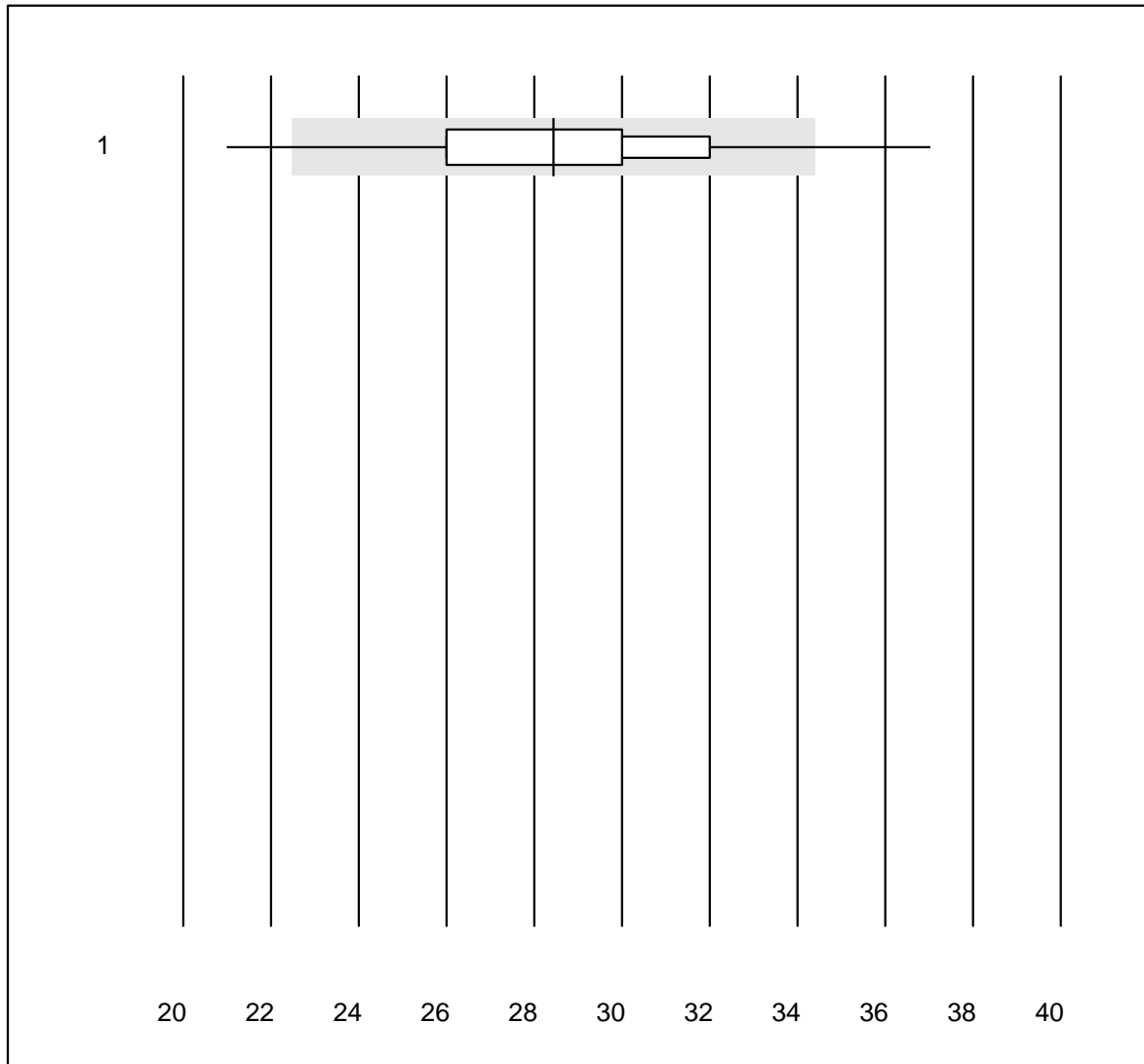
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sarstedt Sedivette	8	75.0	0.0	25.0	68	4.3	a
2	BD Seditainer	7	100.0	0.0	0.0	68	7.6	e*
3	Other methods	5	100.0	0.0	0.0	75	10.1	e*

CRP



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	15	93.3	6.7	0.0	16.4	10.7	e*
2	Turbidimetry	39	92.3	5.1	2.6	18.2	9.5	e
3	Abx Micros	49	98.0	2.0	0.0	18.7	9.2	e
4	ABX Micros CRP200	247	92.8	4.0	3.2	18.5	10.1	e
5	Afinion	1295	97.8	1.8	0.4	17.8	8.2	e
6	NycoCard SingleTest-	285	78.6	10.5	10.9	20.0	13.6	e
7	Quick Read go	172	97.1	1.2	1.7	17.8	6.9	e
8	Eurolyser	129	72.9	3.1	24.0	25.3	10.0	e
9	Fuji Dri-Chem	26	77.0	11.5	11.5	19.9	16.2	e*
10	Autolyser/DiaSys	10	80.0	20.0	0.0	17.0	16.4	e*
11	Piccolo	7	100.0	0.0	0.0	23.3	5.4	e
12	AFIAS	16	68.7	12.5	18.8	23.4	15.6	e*

CRP

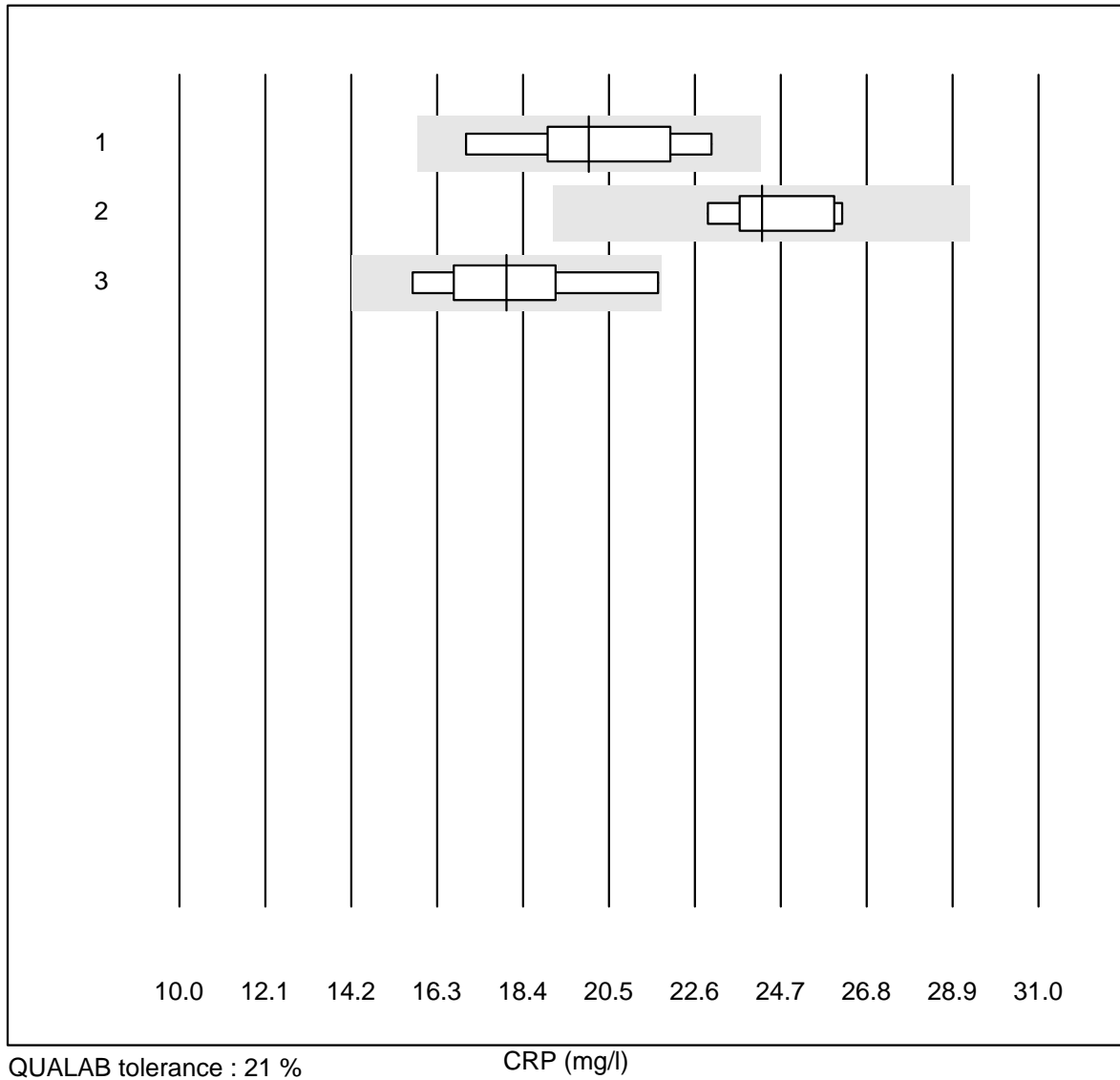


QUALAB tolerance : 21 %

CRP (mg/l)

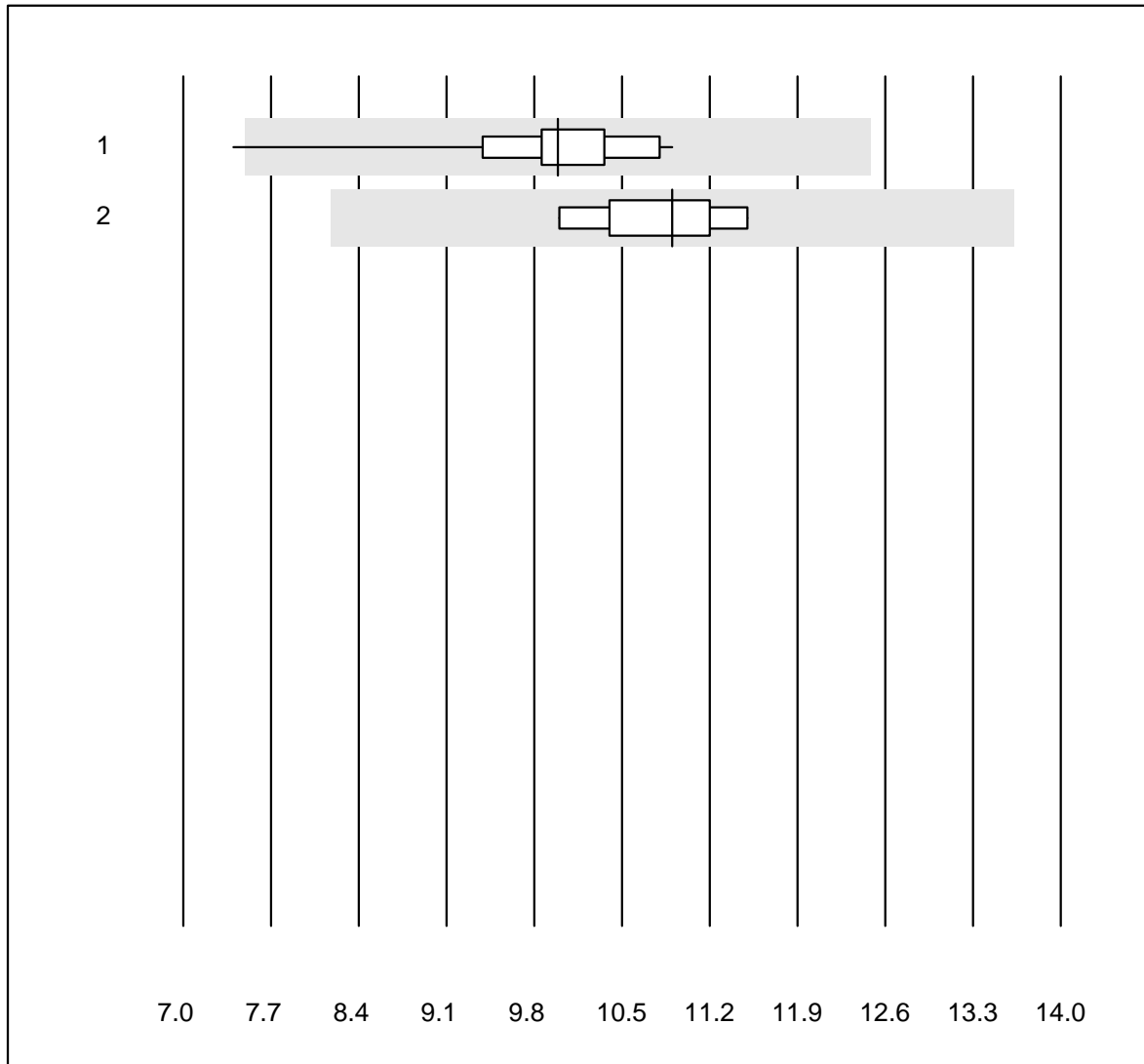
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	QuikRead (Vollblut)	121	91.7	5.0	3.3	28.4	9.1	e

CRP



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AQT 90 FLEX	7	100.0	0.0	0.0	20.0	9.7	e*
2	Spotchem D-Concept	5	100.0	0.0	0.0	24.2	5.9	e*
3	Spotchem SI-3510	5	100.0	0.0	0.0	18.0	12.8	e*

IgG

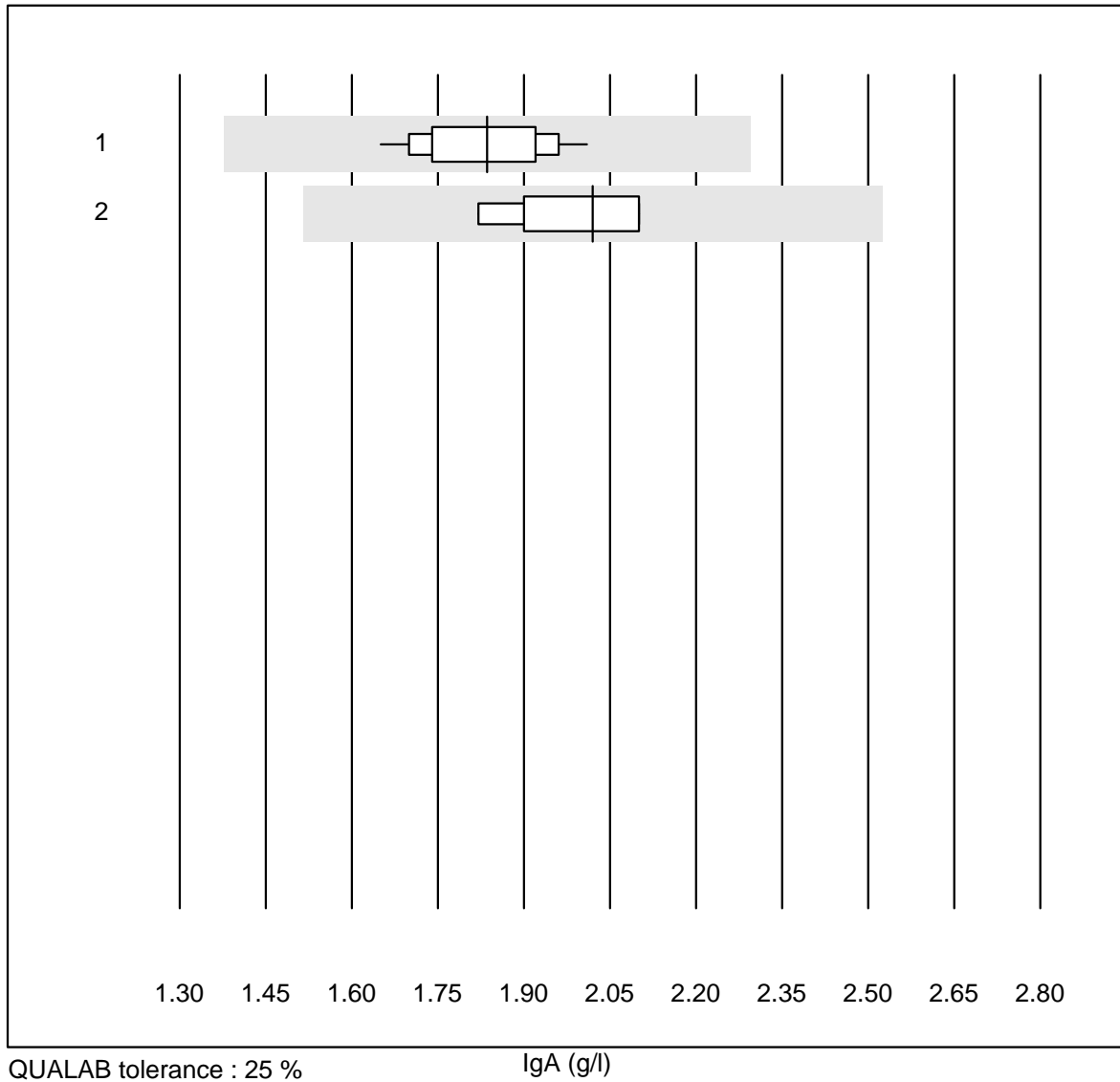


QUALAB tolerance : 25 %

IgG (g/l)

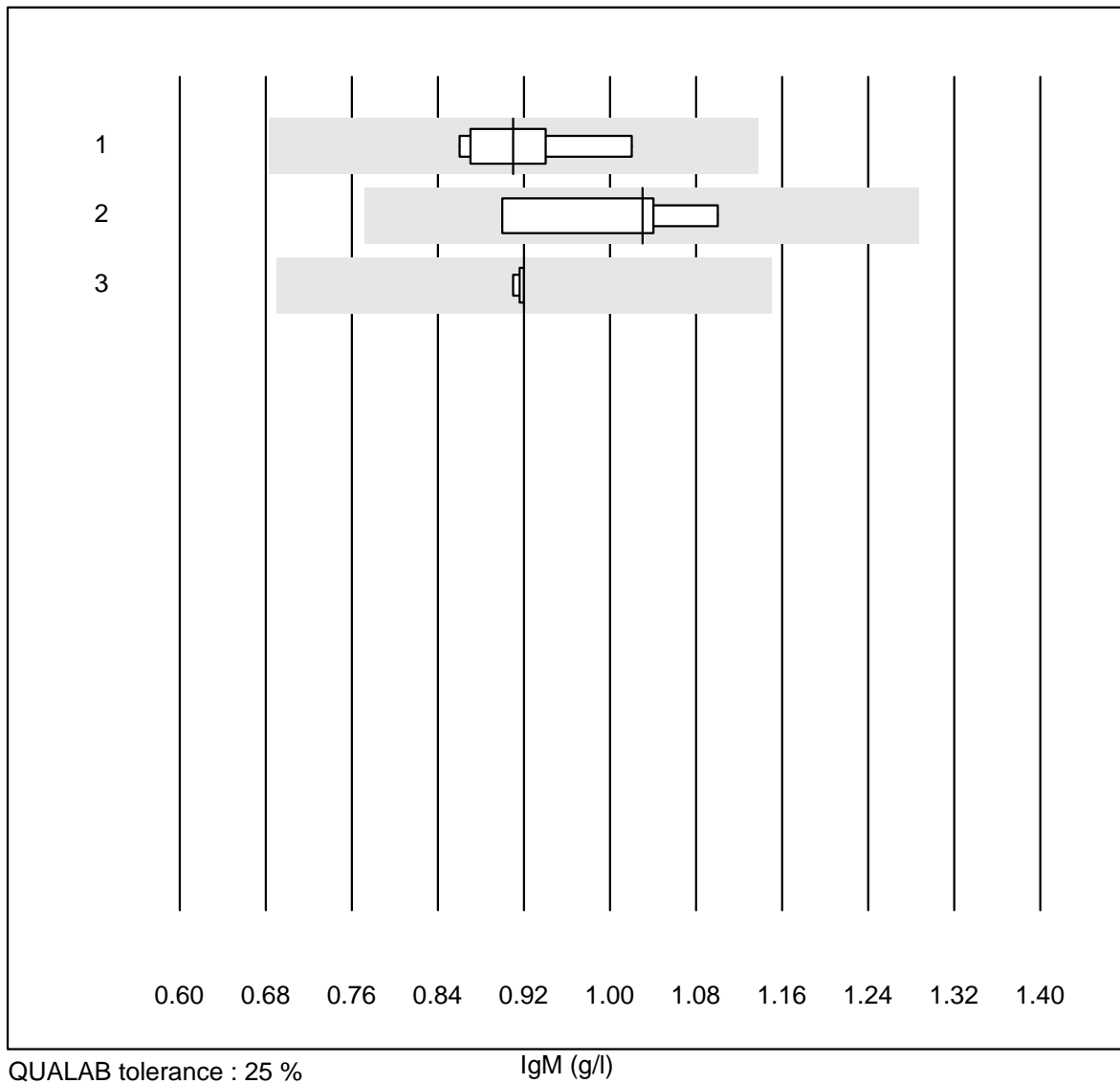
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	12	91.7	8.3	0.0	10.0	9.1	e
2	Nephelometry	8	100.0	0.0	0.0	10.9	4.9	e

IgA



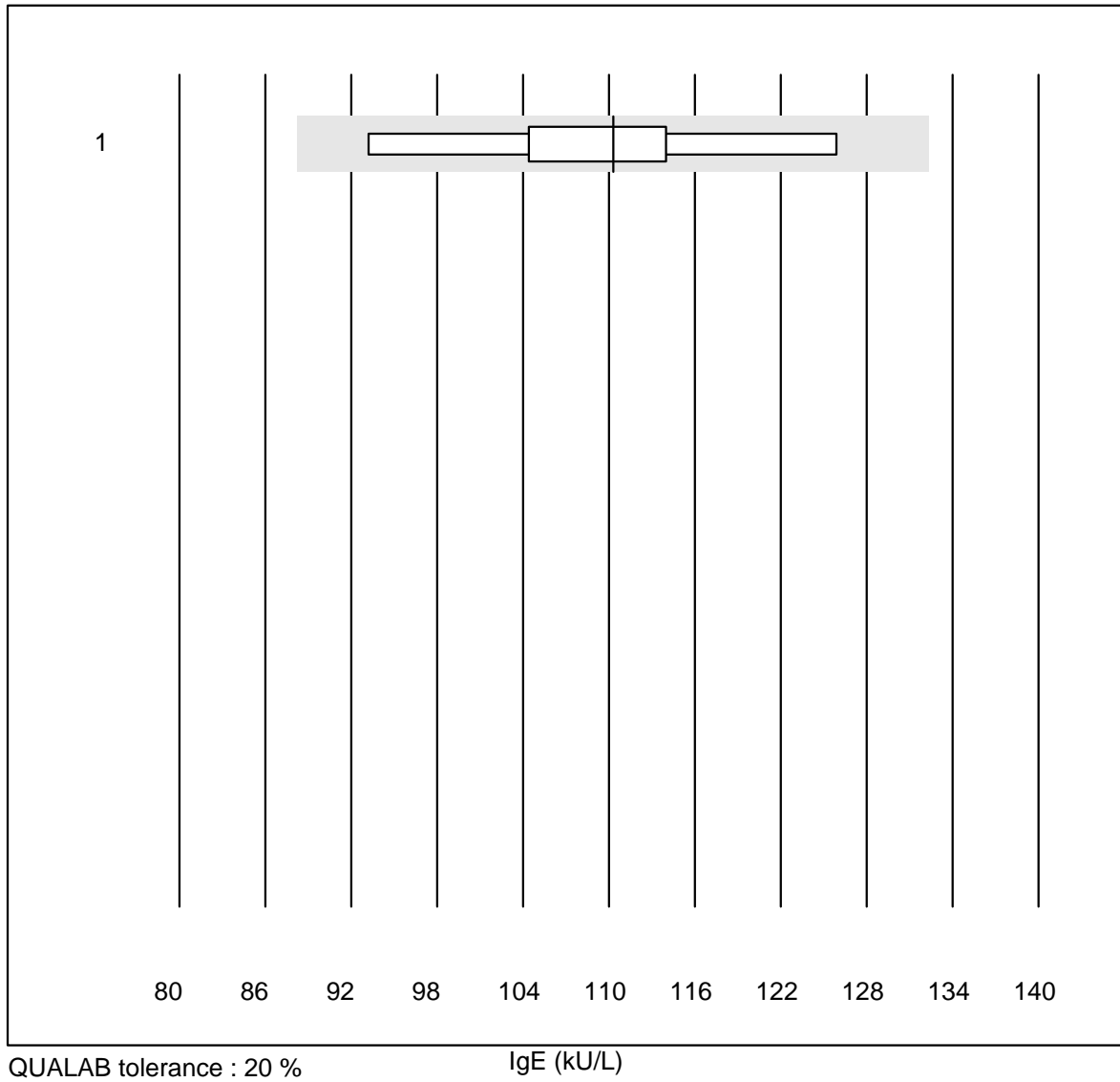
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	12	100.0	0.0	0.0	1.8	6.2	e
2	Nephelometry	8	100.0	0.0	0.0	2.0	5.1	e

IgM



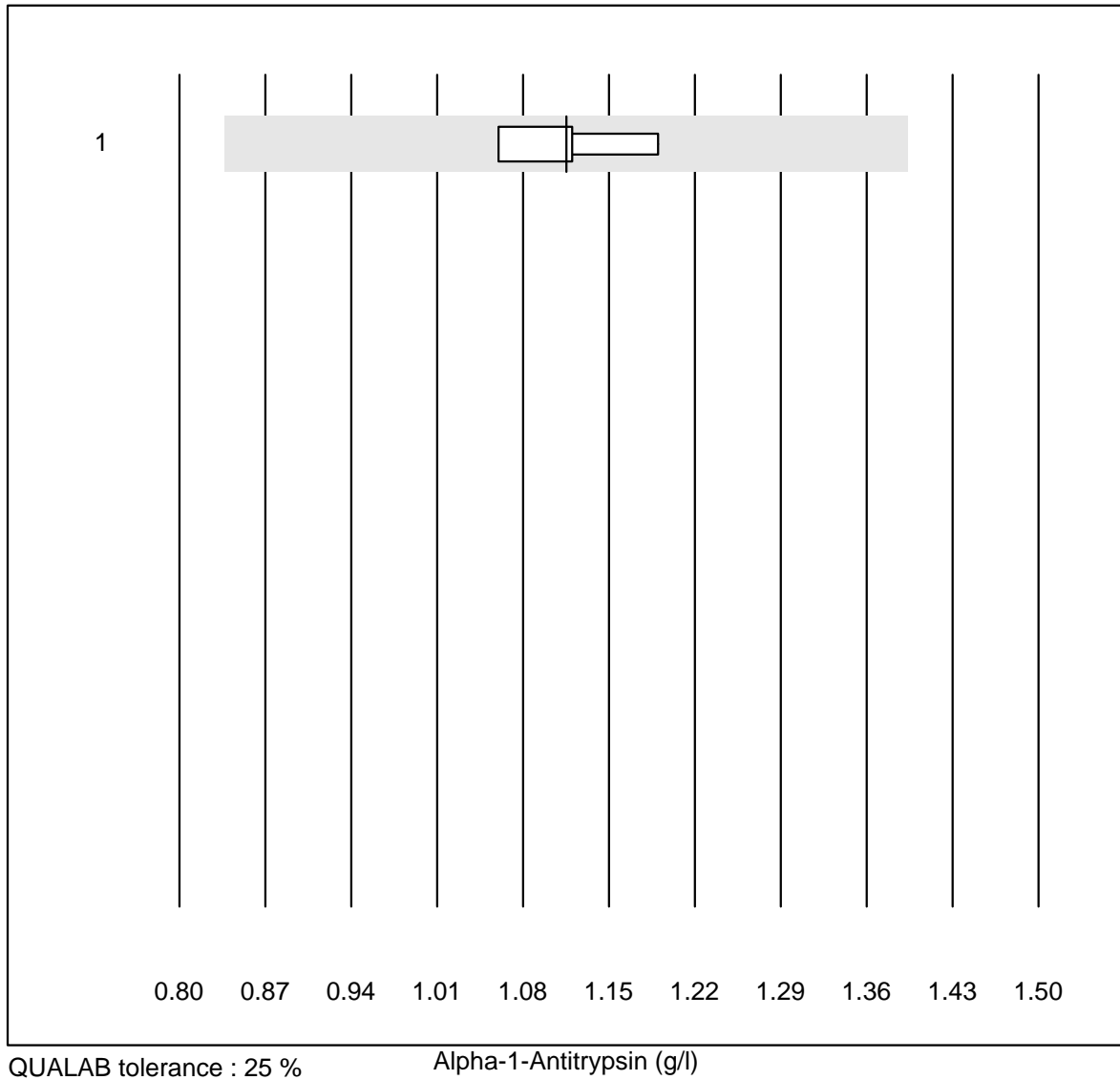
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	7	85.7	0.0	14.3	0.9	6.3	e
2	Nephelometry	8	100.0	0.0	0.0	1.0	7.4	e
3	Cobas Integra 800/40	5	100.0	0.0	0.0	0.9	0.5	e

IgE



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	10	90.0	0.0	10.0	110	8.6	e*

Alpha-1-Antitrypsin



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Nephelometry	4	100.0	0.0	0.0	1.12	4.8	e

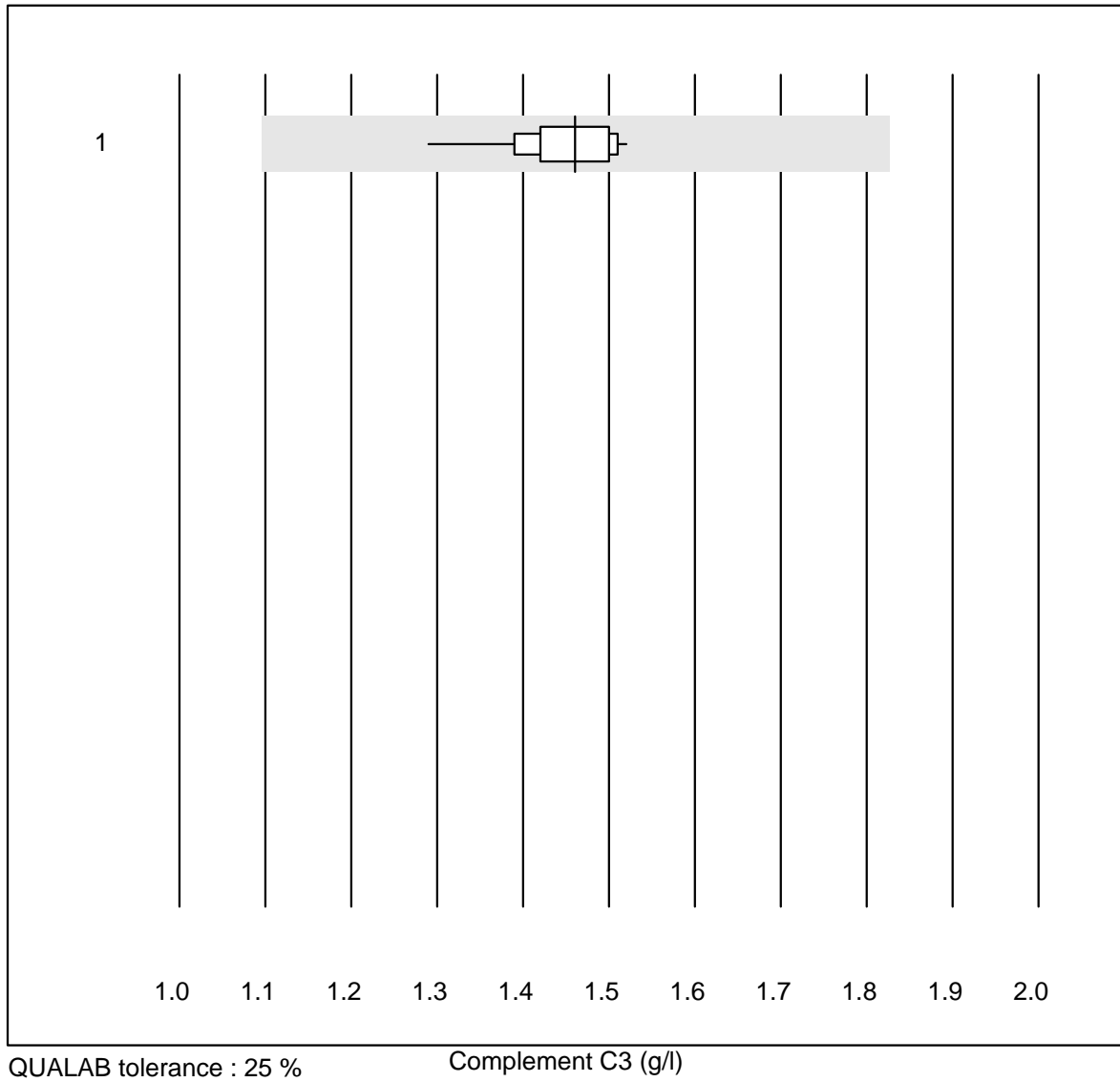
Anti-Streptolysin-Antibodies



QUALAB tolerance : 25 % Anti-Streptolysin-Antibodies (kIU/l)

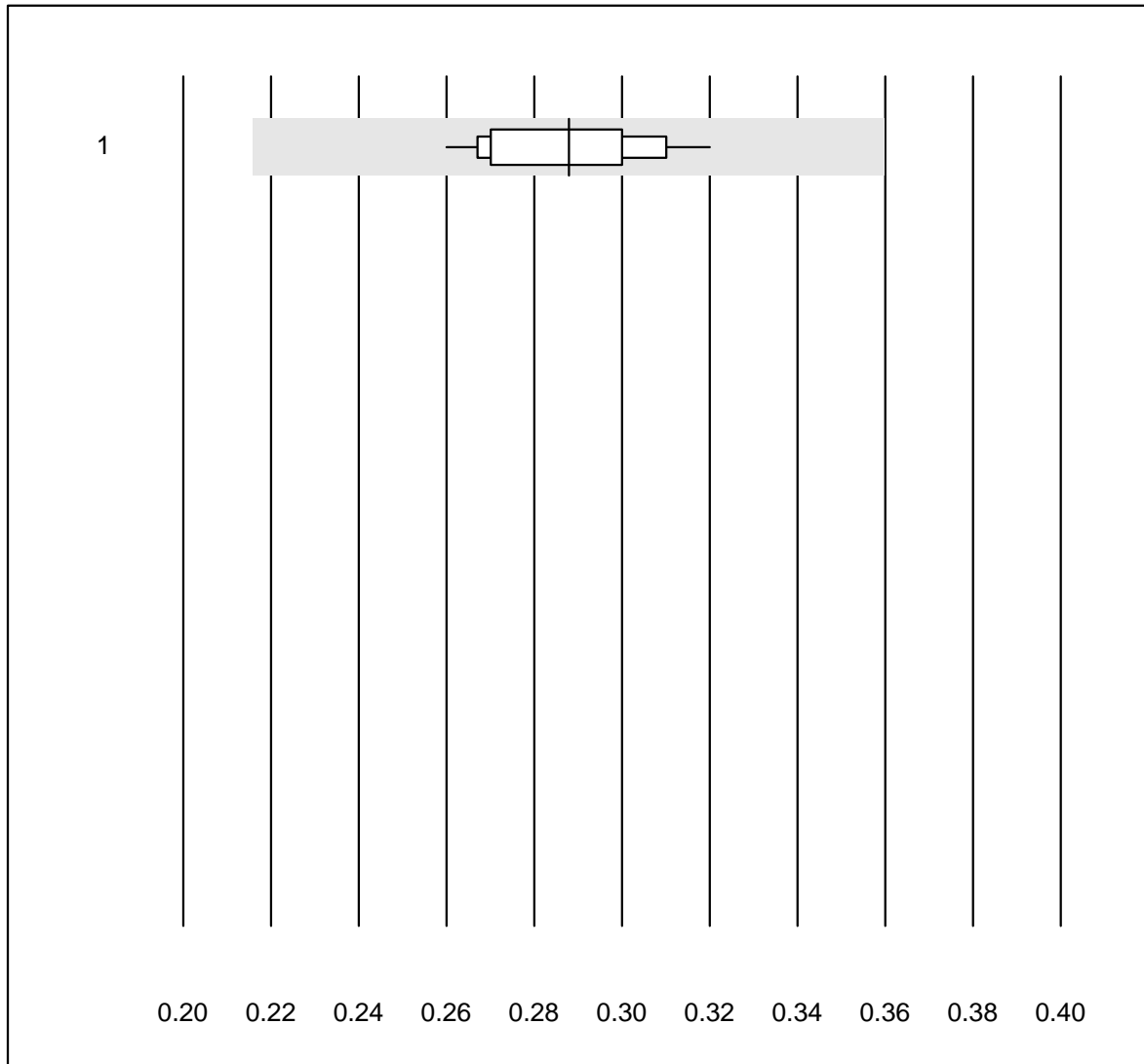
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	12	91.7	0.0	8.3	125	7.5	e

Complement C3



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	12	100.0	0.0	0.0	1.46	4.5	e

Complement C4

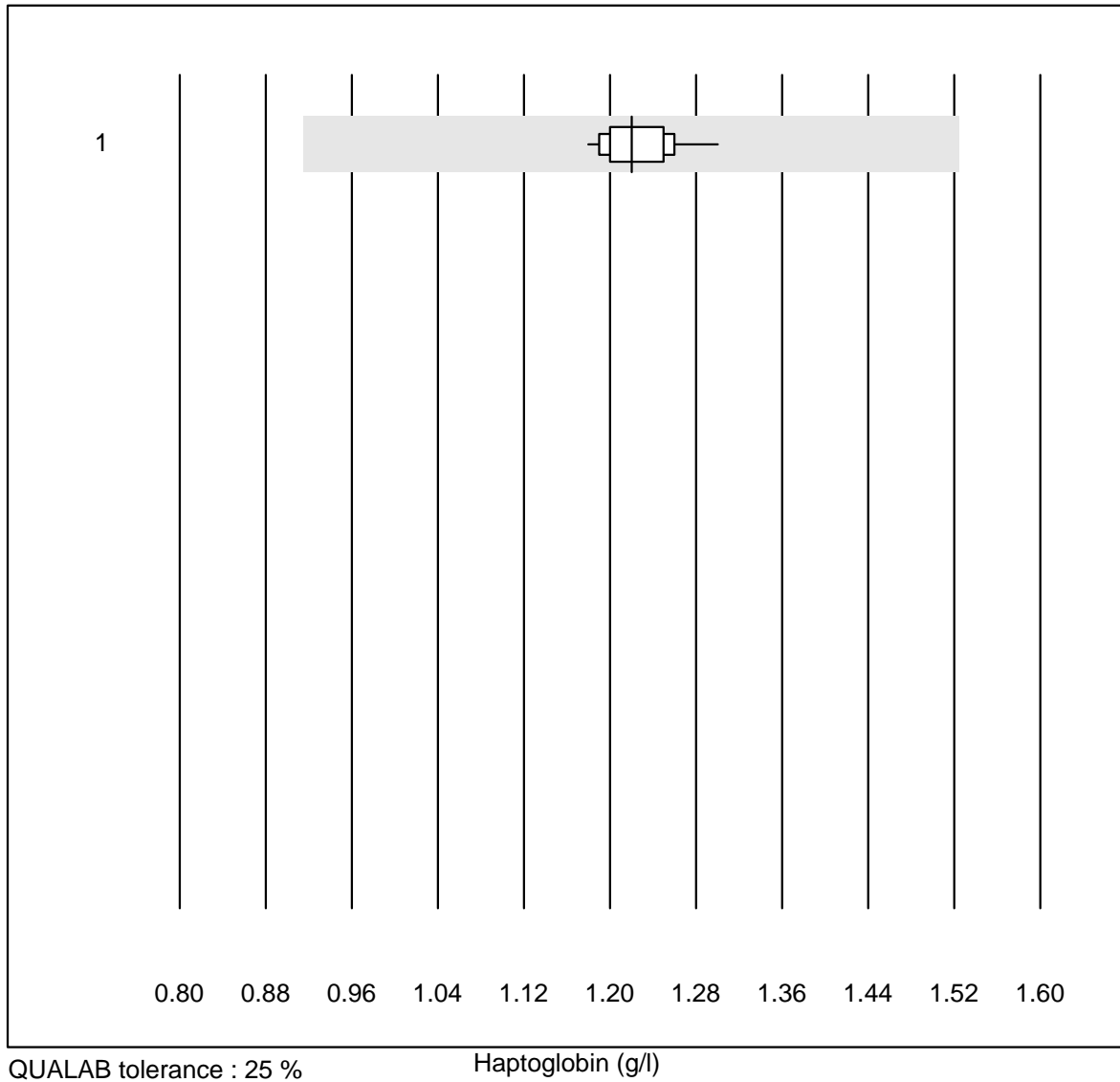


QUALAB tolerance : 25 %

Complement C4 (g/l)

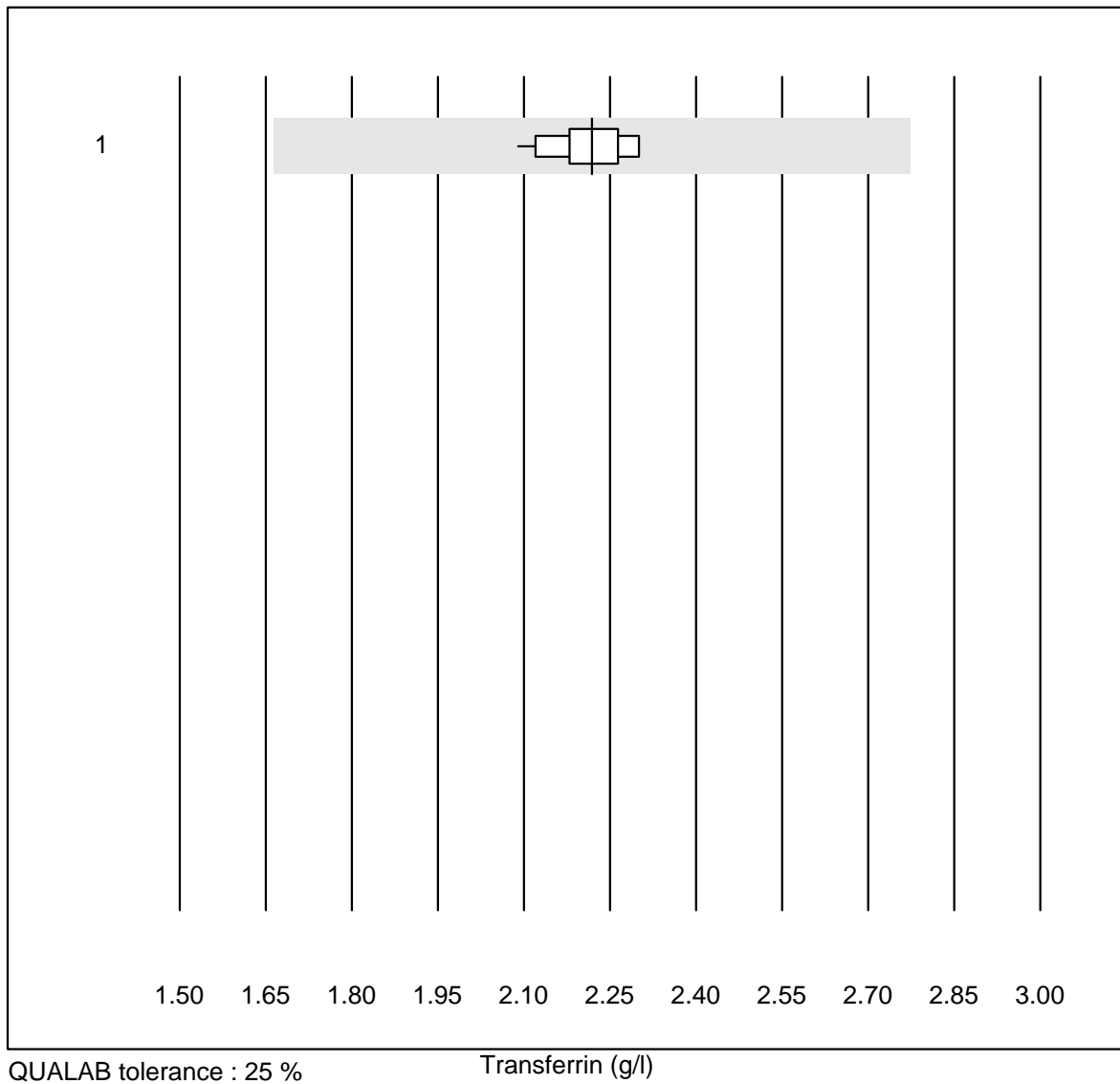
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 all Participants	11	100.0	0.0	0.0	0.29	7.2	e

Haptoglobin



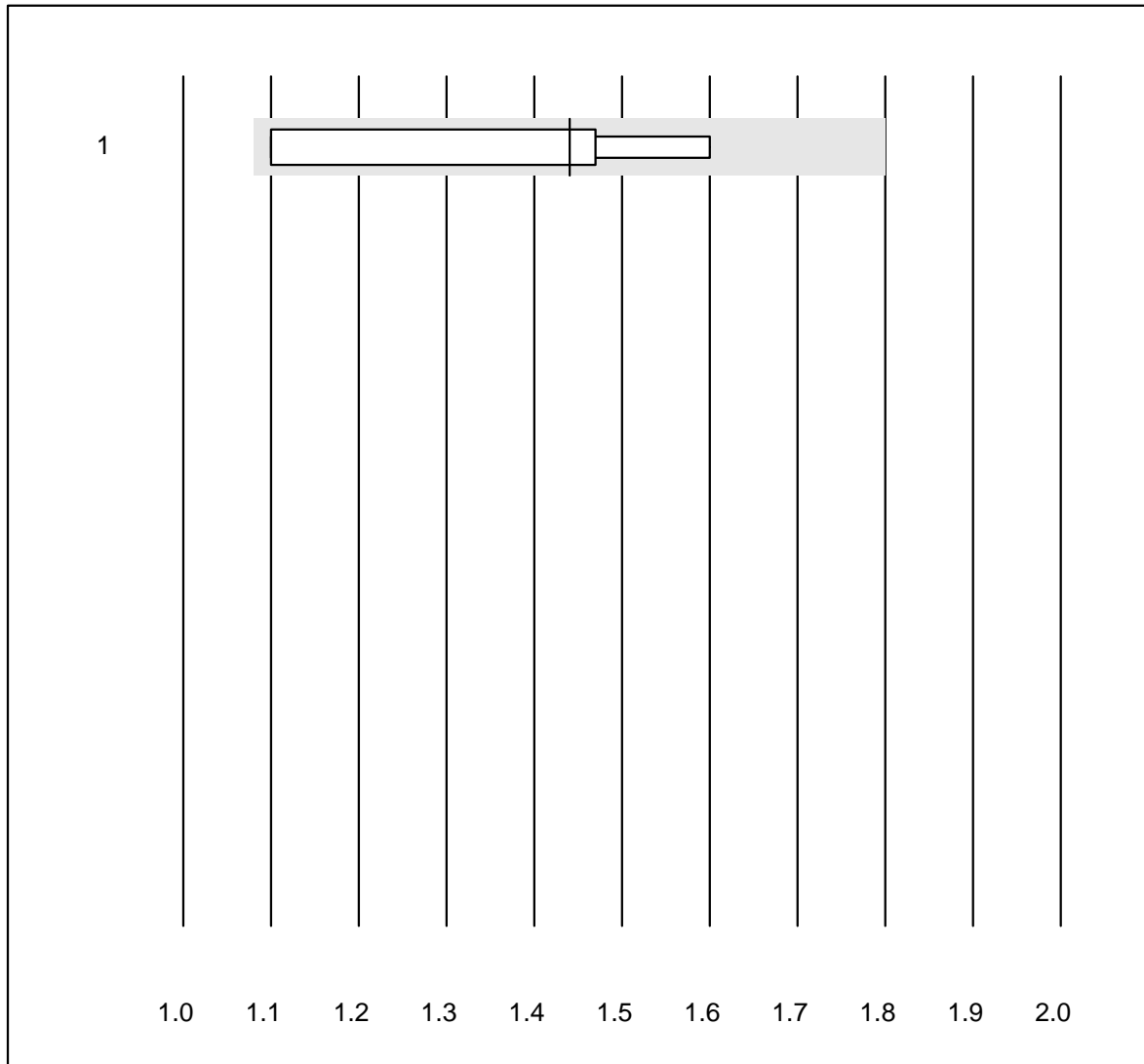
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	13	100.0	0.0	0.0	1.22	2.9	e

Transferrin



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	22	100.0	0.0	0.0	2.22	2.9	e

Beta-2-Mikroglobulin

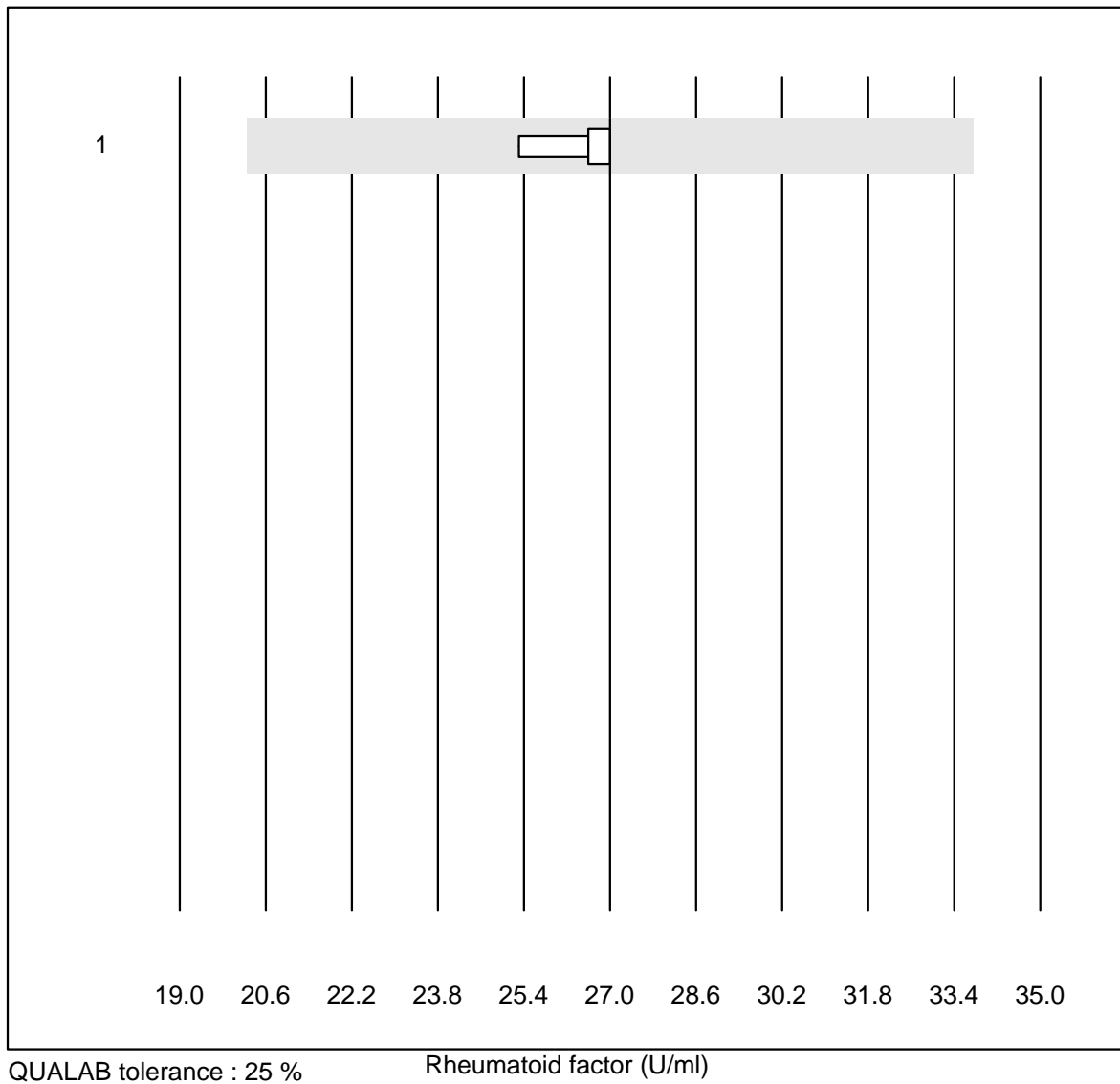


QUALAB tolerance : 25 %

Beta-2-Mikroglobulin (mg/l)

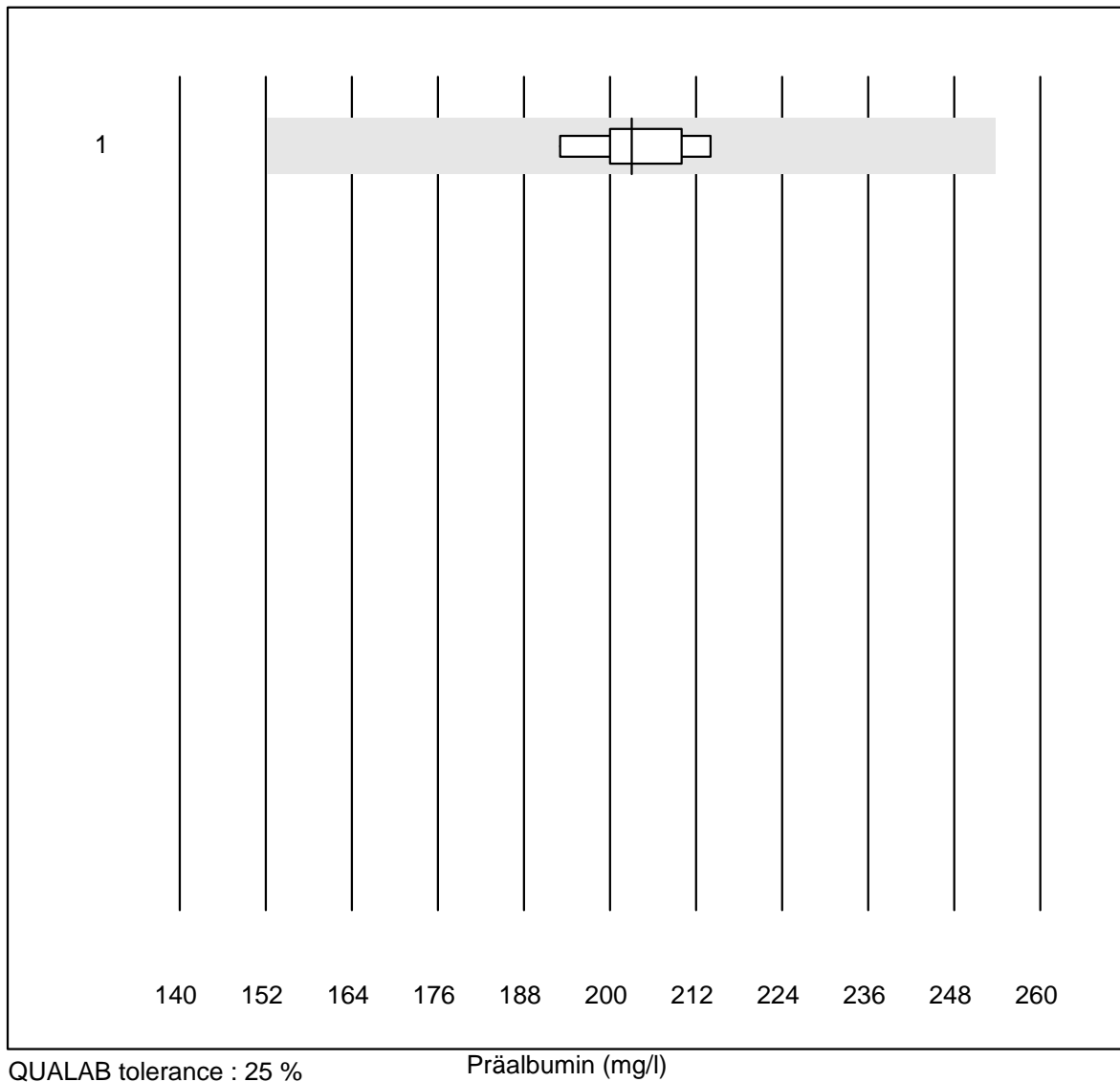
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	4	100.0	0.0	0.0	1.44	15.2	e*

Rheumatoid factor



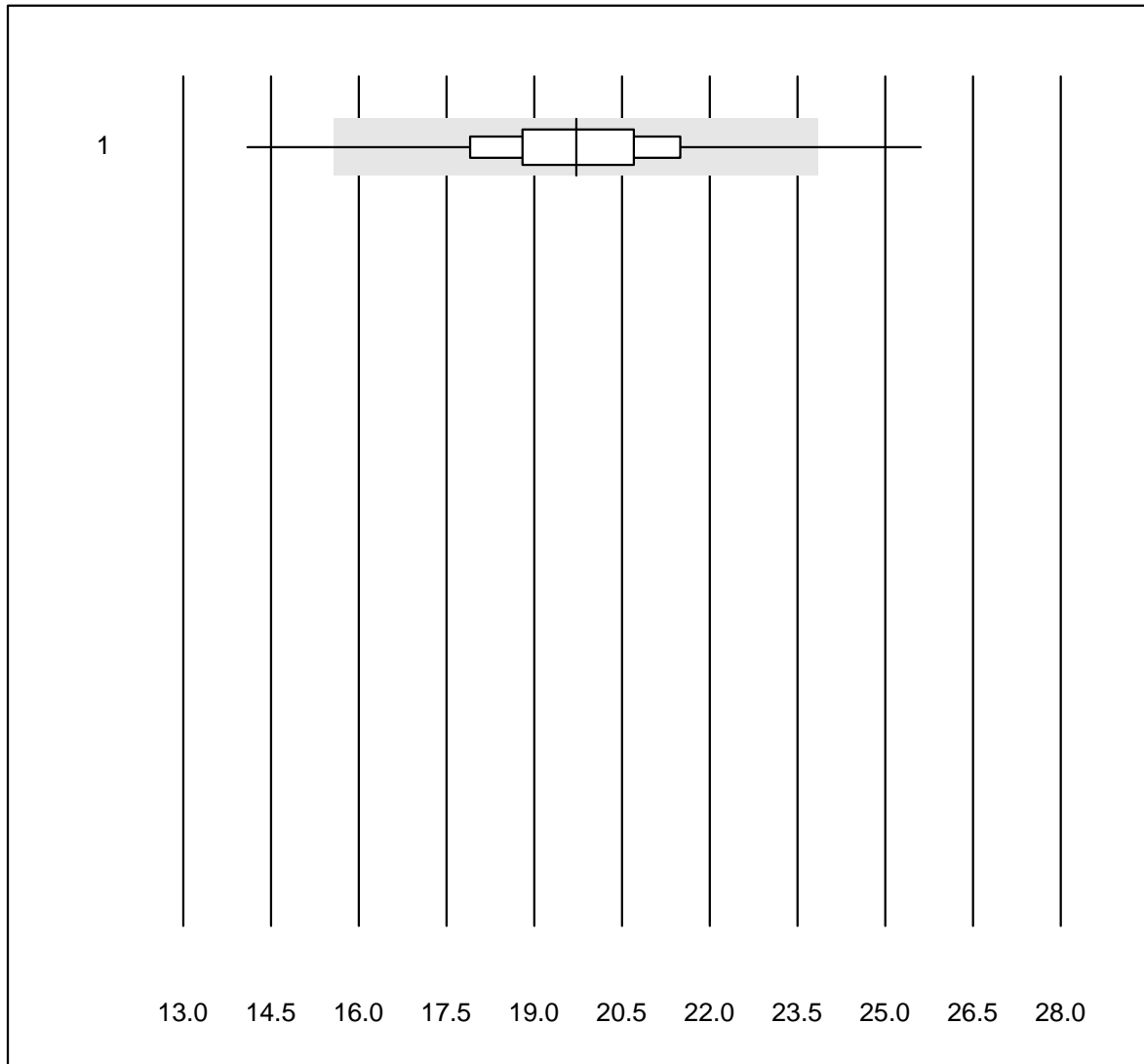
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	5	100.0	0.0	0.0	27.0	2.8	e

Präalbumin



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 all Participants	9	100.0	0.0	0.0	203.0	3.2	e

CRP

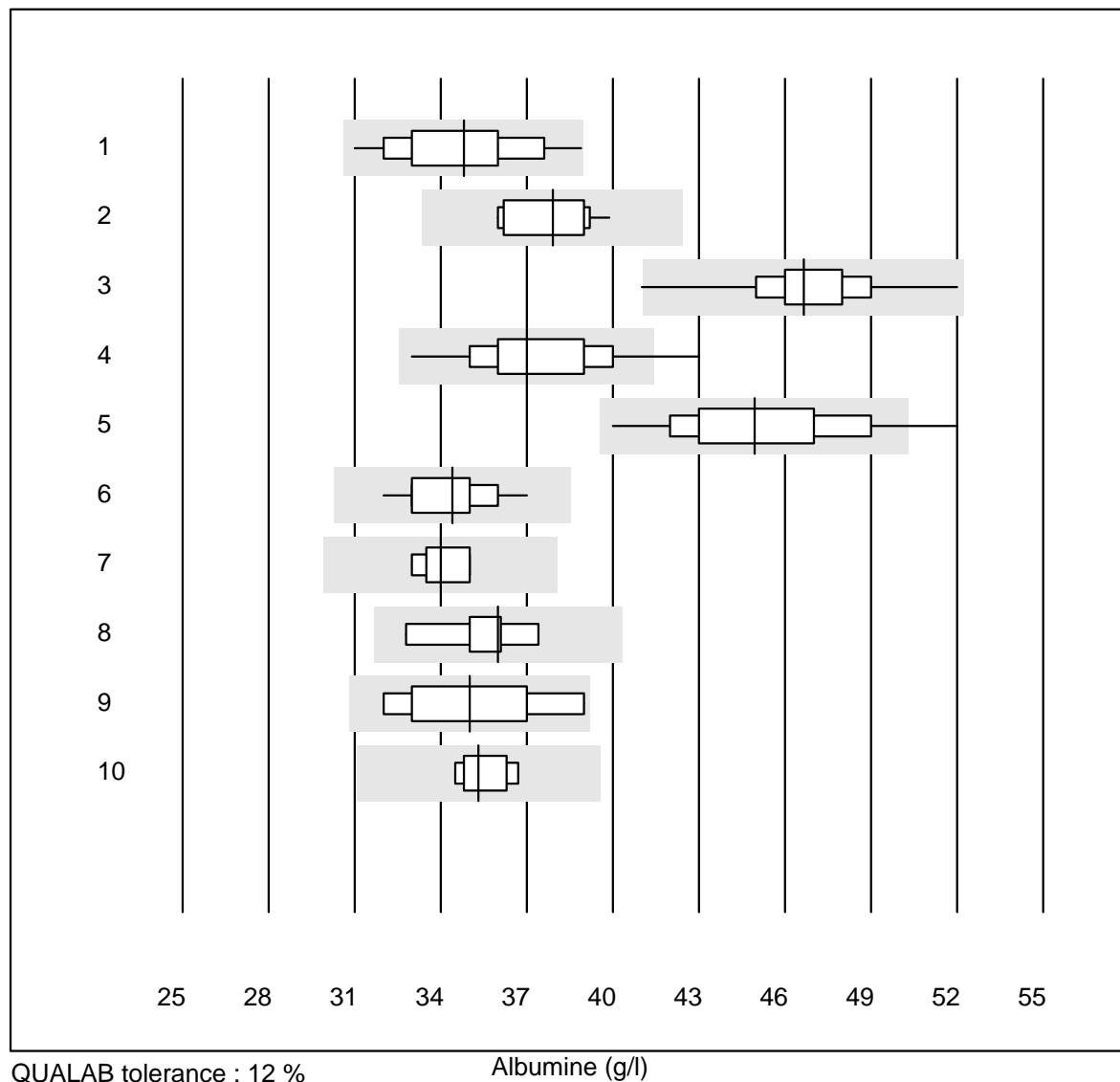


QUALAB tolerance : 21 %

CRP (mg/l)

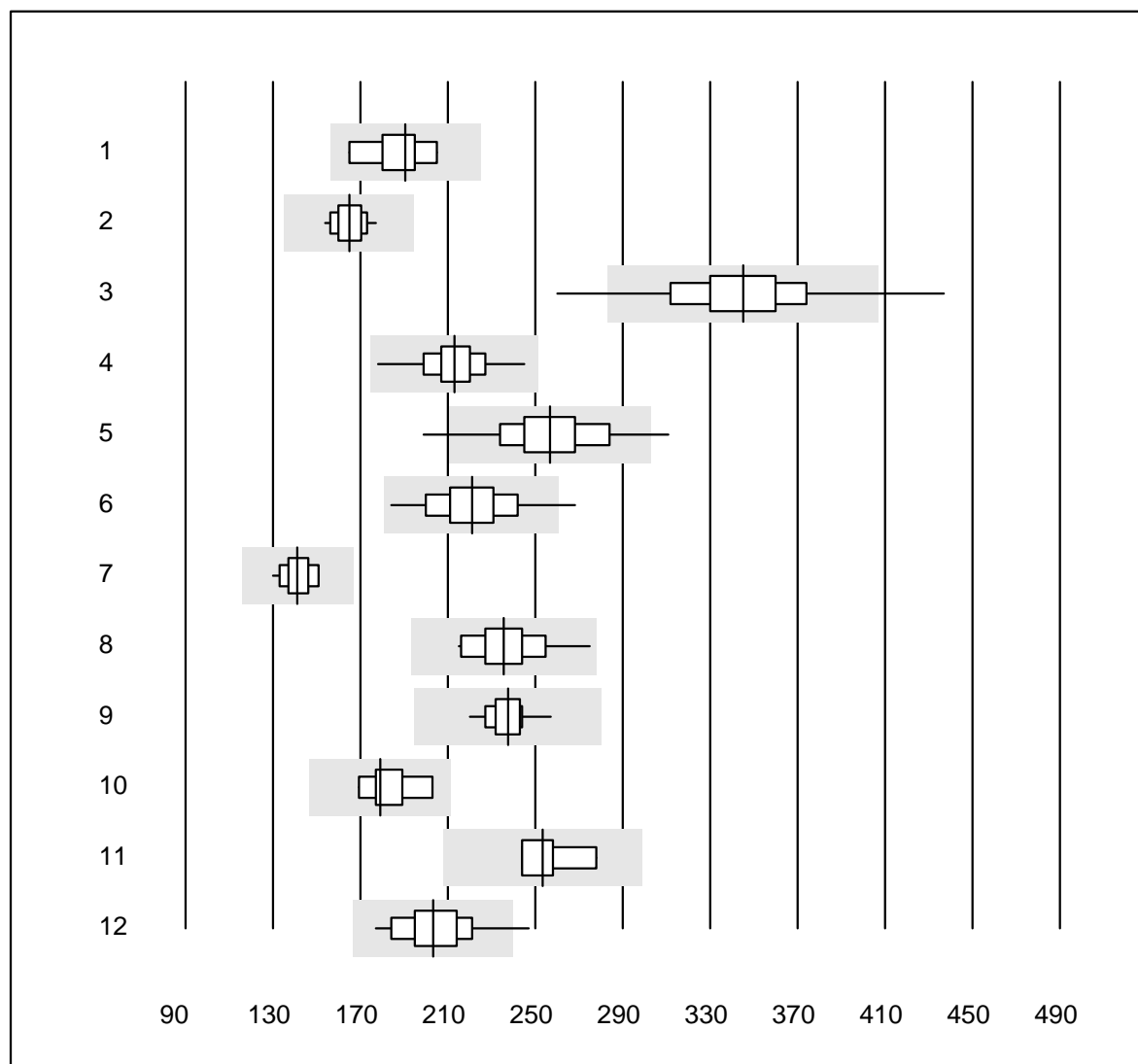
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Microsemi	487	96.1	1.2	2.7	19.7	7.8	e

Albumine



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	28	100.0	0.0	0.0	35	5.6	e
2	Cobas	15	100.0	0.0	0.0	38	3.5	e
3	Fuji Dri-Chem	200	97.5	1.0	1.5	47	3.8	e
4	Spotchem/Ready	34	94.1	5.9	0.0	37	5.8	e
5	Spotchem D-Concept	101	95.0	5.0	0.0	45	6.2	e
6	Piccolo	37	100.0	0.0	0.0	34	3.7	e
7	Skyla	5	100.0	0.0	0.0	34	2.6	e
8	Abx Mira	5	100.0	0.0	0.0	36	4.8	e*
9	Hitachi S40/M40	8	100.0	0.0	0.0	35	6.9	e*
10	Autolyser/DiaSys	7	100.0	0.0	0.0	35	2.3	e

Alkaline phosphatase

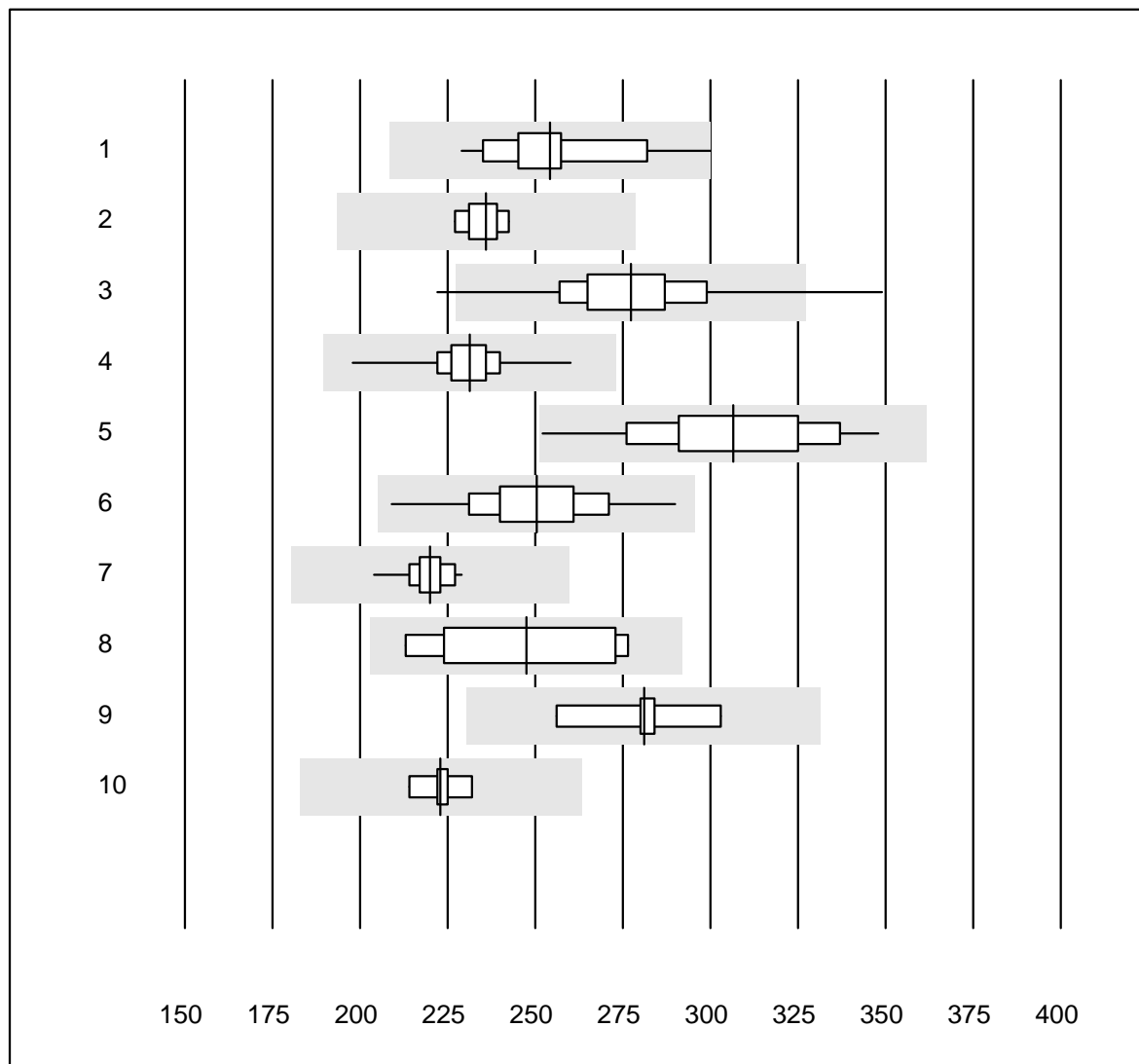


QUALAB tolerance : 18 %

Alkaline phosphatase (U/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	8	100.0	0.0	0.0	191	6.8	e*
2 Cobas	18	100.0	0.0	0.0	165	3.9	e
3 Reflotron	608	95.7	3.3	1.0	345	7.7	e
4 Fuji Dri-Chem	723	99.9	0.0	0.1	213	5.1	e
5 Spotchem/Ready	88	96.6	2.3	1.1	257	7.7	e
6 Spotchem D-Concept	181	98.9	1.1	0.0	221	7.2	e
7 Hitachi S40/M40	17	100.0	0.0	0.0	141	4.7	e
8 Beckman	19	100.0	0.0	0.0	235	6.4	e
9 Piccolo	33	100.0	0.0	0.0	237	3.3	e
10 Abx Mira	9	100.0	0.0	0.0	179	5.9	e
11 Skyla	4	100.0	0.0	0.0	254	5.8	e*
12 Autolyser/DiaSys	17	94.1	5.9	0.0	203	8.3	e

Amylase

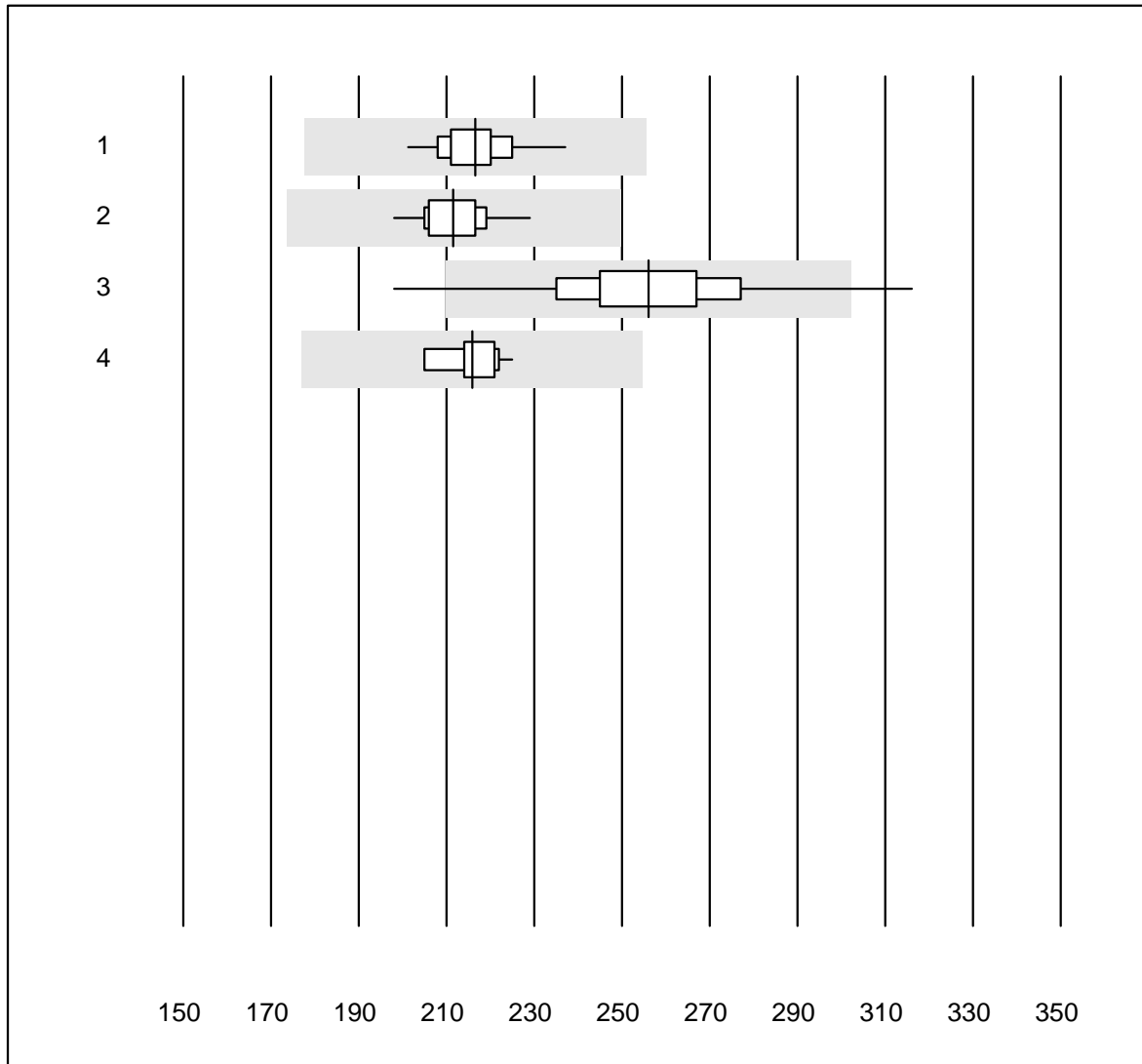


QUALAB tolerance : 18 %

Amylase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	18	94.4	5.6	0.0	254	6.3	e
2	Cobas	6	100.0	0.0	0.0	236	2.3	e
3	Reflotron	163	97.6	1.8	0.6	277	6.5	e
4	Fuji Dri-Chem	520	100.0	0.0	0.0	231	3.4	e
5	Spotchem/Ready	57	100.0	0.0	0.0	307	7.5	e
6	Spotchem D-Concept	136	100.0	0.0	0.0	250	6.2	e
7	Piccolo	32	100.0	0.0	0.0	220	2.5	e
8	Abx Mira	6	100.0	0.0	0.0	248	11.6	e*
9	Hitachi S40/M40	9	100.0	0.0	0.0	281	4.6	e
10	Autolyser/DiaSys	5	100.0	0.0	0.0	223	2.9	e

Pancreatic amylase

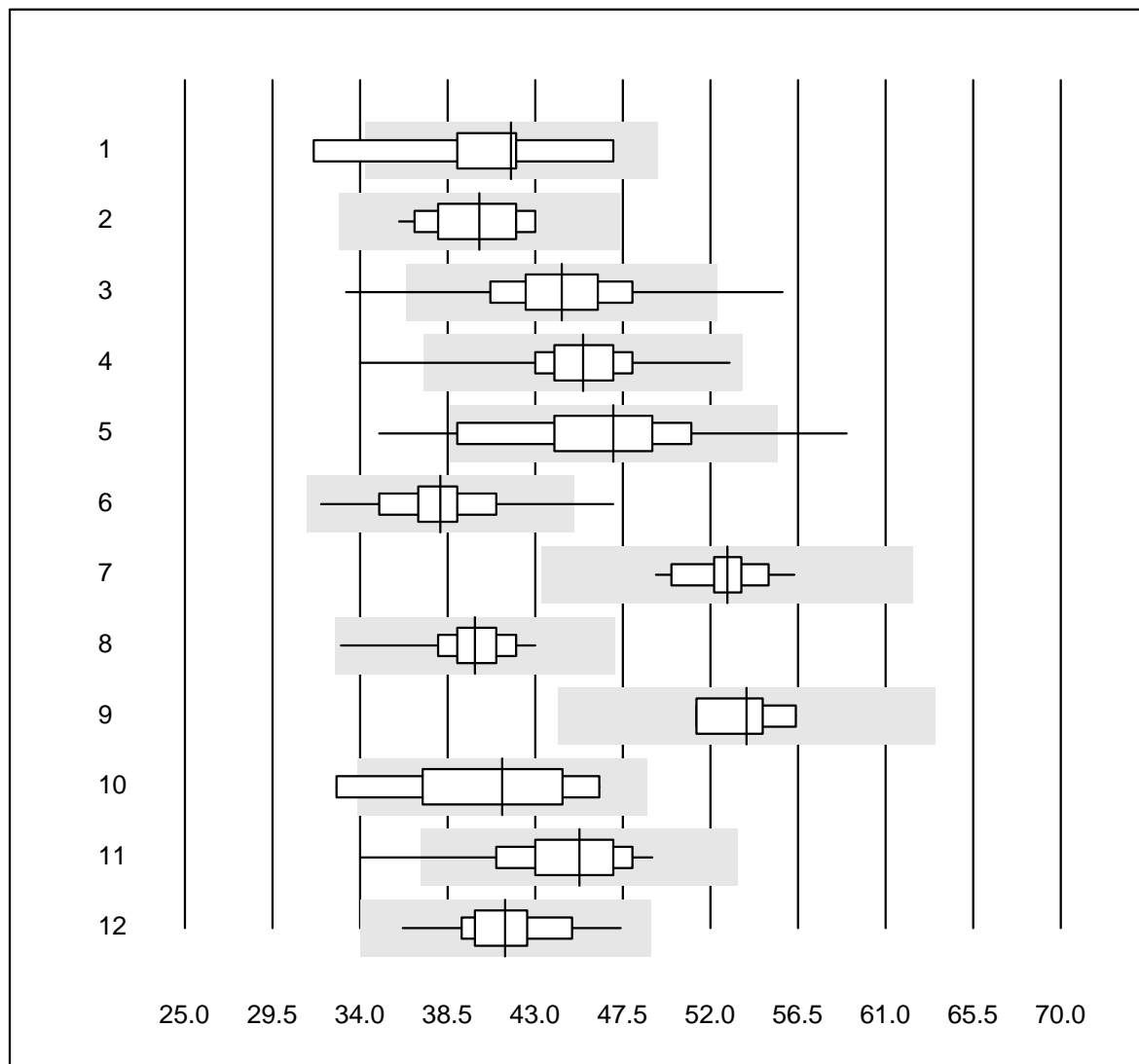


QUALAB tolerance : 18 %

Pancreatic amylase (U/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	21	100.0	0.0	0.0	217	3.6	e
2 Cobas	11	100.0	0.0	0.0	212	3.9	e
3 Reflotron	415	97.1	1.7	1.2	256	6.7	e
4 Autolyser/DiaSys	10	100.0	0.0	0.0	216	3.0	e

Bilirubin

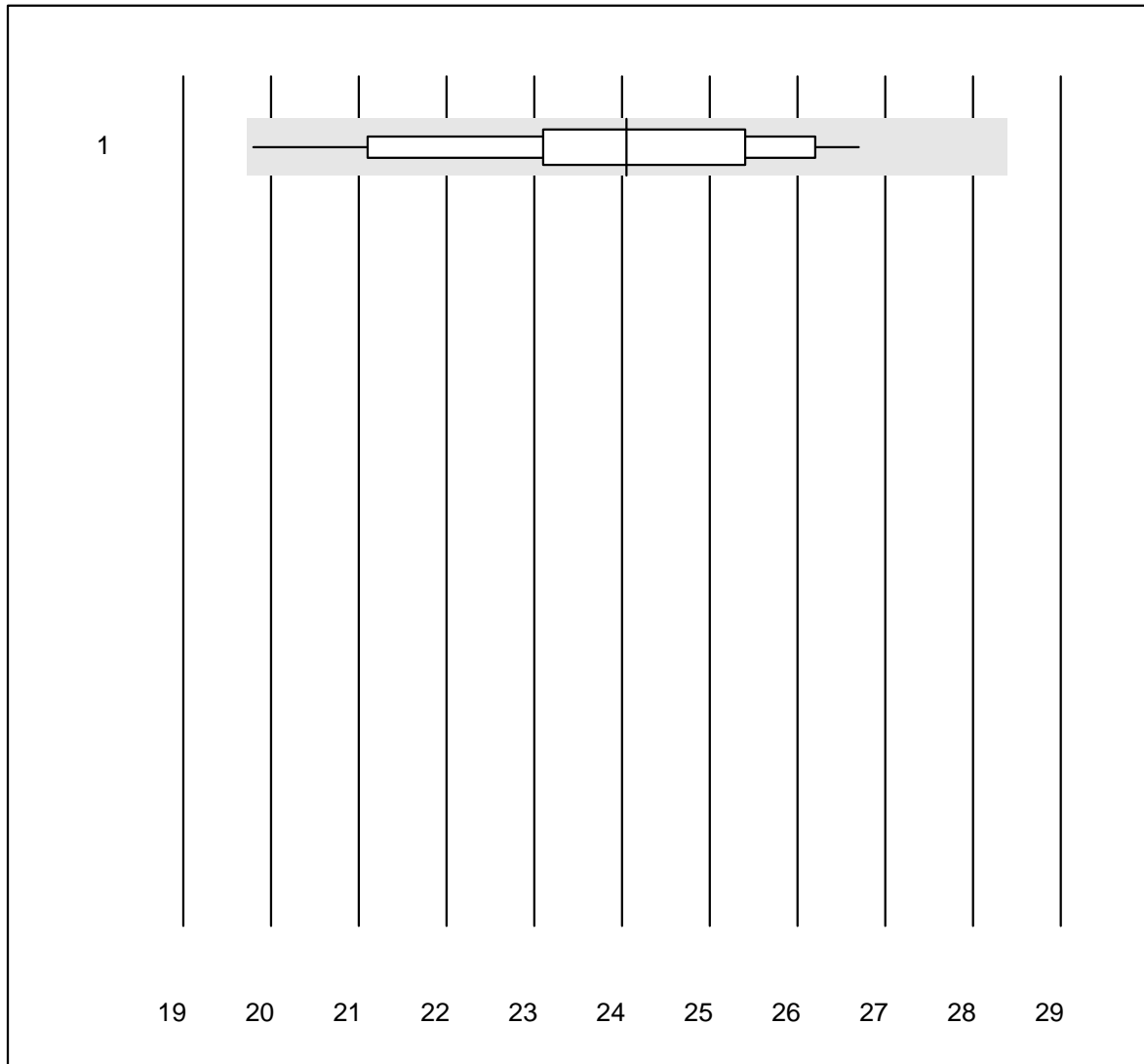


QUALAB tolerance : 18 %

Bilirubin (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	9	88.9	11.1	0.0	41.8	10.4	e*
2	Cobas	17	100.0	0.0	0.0	40.1	5.6	e
3	Reflotron	450	95.8	1.8	2.4	44.3	6.8	e
4	Fuji Dri-Chem	554	97.8	1.1	1.1	45.5	5.4	e
5	Spotchem/Ready	72	91.6	5.6	2.8	47.0	9.9	e
6	Spotchem D-Concept	149	96.7	1.3	2.0	38.1	6.2	e
7	Beckman	18	100.0	0.0	0.0	52.9	3.2	e
8	Piccolo	36	100.0	0.0	0.0	39.9	5.0	e
9	Skyla	4	100.0	0.0	0.0	53.9	4.1	e
10	Abx Mira	8	87.5	12.5	0.0	41.3	11.5	e*
11	Hitachi S40/M40	14	92.9	7.1	0.0	45.3	8.5	e*
12	Autolyser/DiaSys	15	100.0	0.0	0.0	41.5	6.2	e

Bilirubin direct

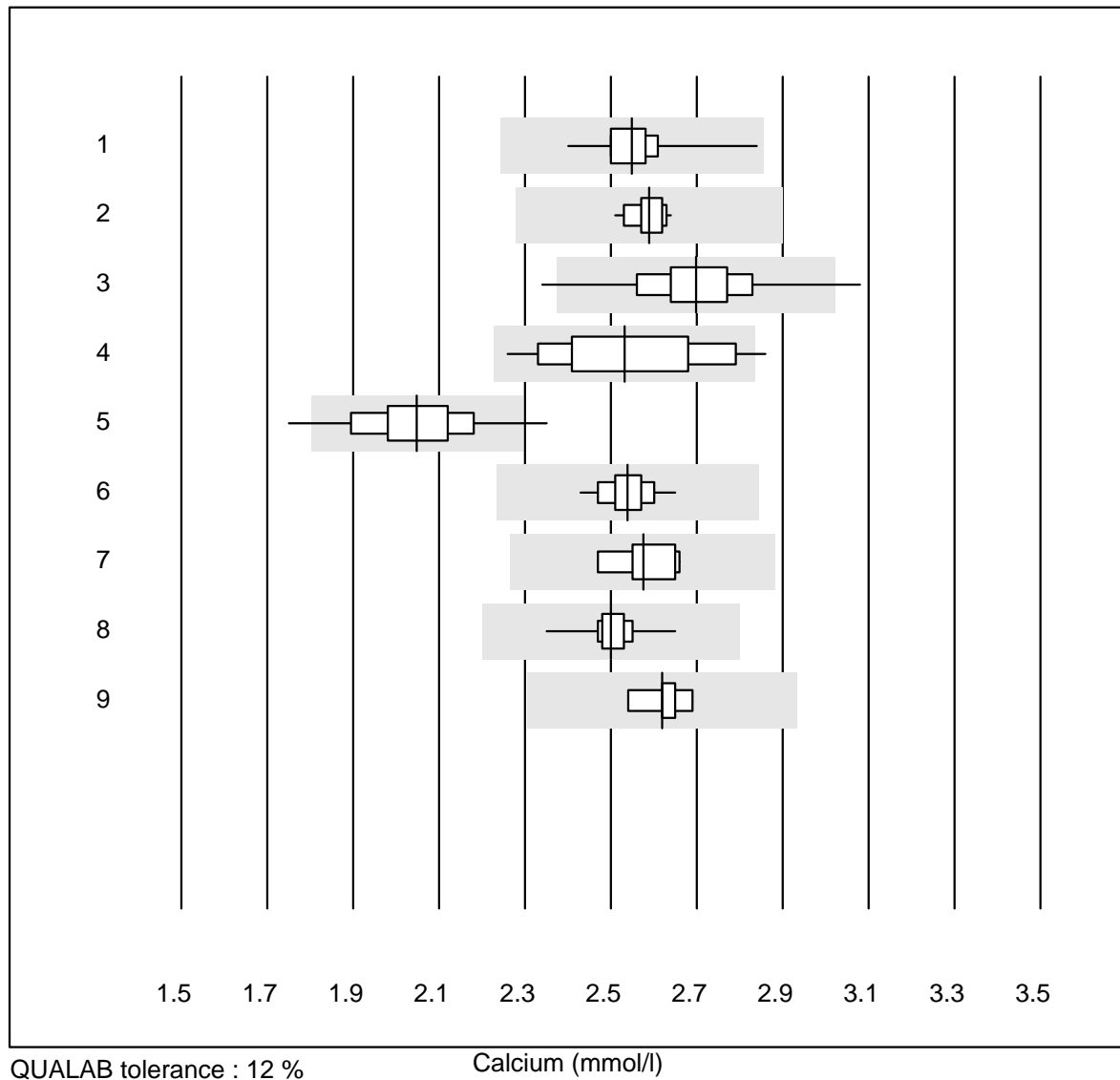


QUALAB tolerance : 18 %

Bilirubin direct (µmol/l)

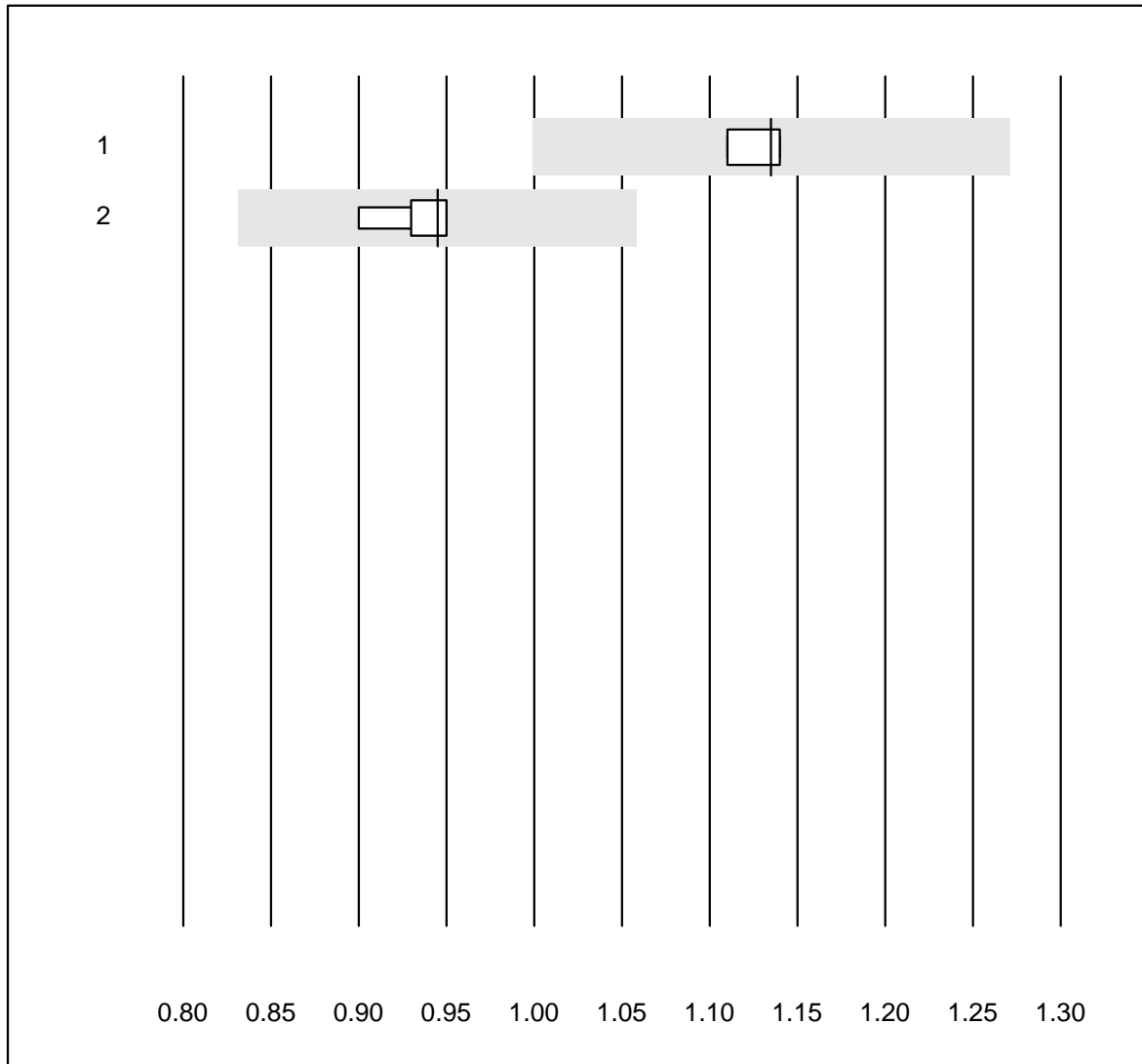
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Fuji Dri-Chem	31	90.3	0.0	9.7	24.1	7.4	e

Calcium



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	31	100.0	0.0	0.0	2.55	3.3	e
2	Cobas	14	100.0	0.0	0.0	2.59	1.5	e
3	Fuji Dri-Chem	352	99.1	0.6	0.3	2.70	4.1	e
4	Spotchem/Ready	27	88.9	3.7	7.4	2.53	6.7	e
5	Spotchem D-Concept	77	89.6	9.1	1.3	2.05	6.0	e
6	Piccolo	36	100.0	0.0	0.0	2.54	1.9	e
7	Abx Mira	6	100.0	0.0	0.0	2.58	2.7	e
8	Hitachi S40/M40	12	100.0	0.0	0.0	2.50	2.7	e
9	Autolysier/DiaSys	9	100.0	0.0	0.0	2.62	1.8	e

Calcium ISE

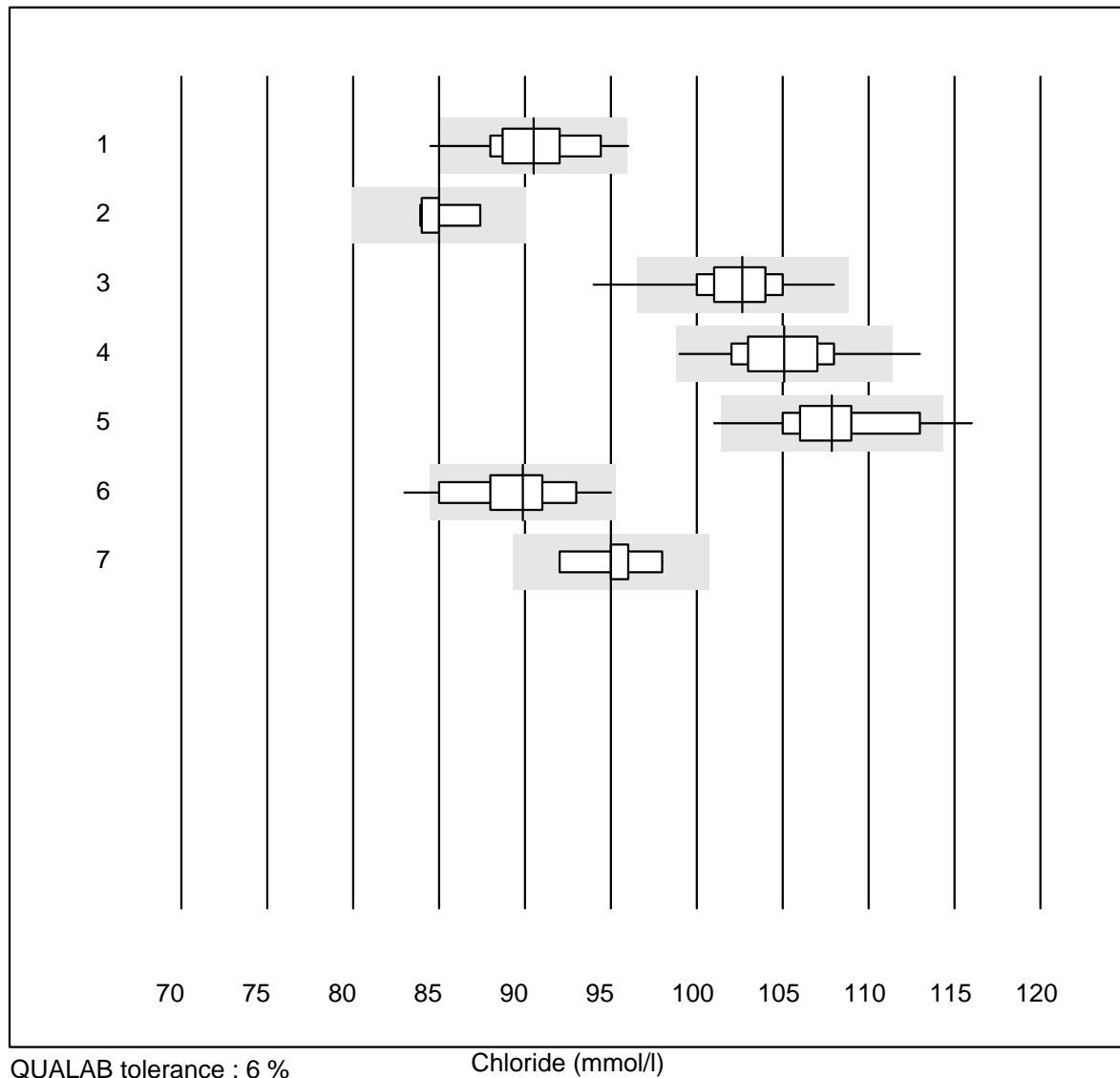


QUALAB tolerance : 12 %

Calcium ISE (mmol/l)

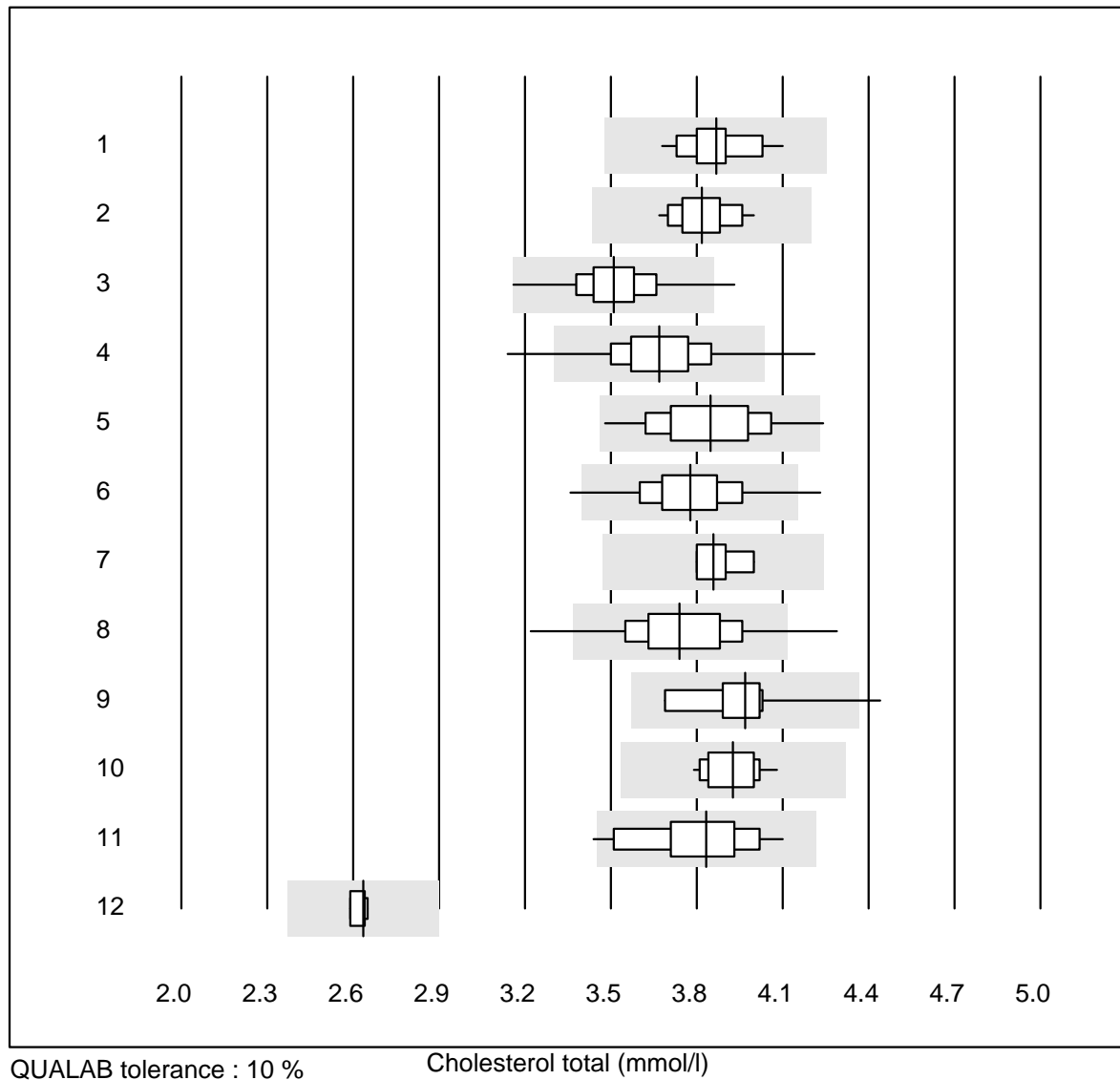
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	4	100.0	0.0	0.0	1.14	1.3	e
2	iStat Chem8	6	83.3	0.0	16.7	0.95	2.2	e

Chloride



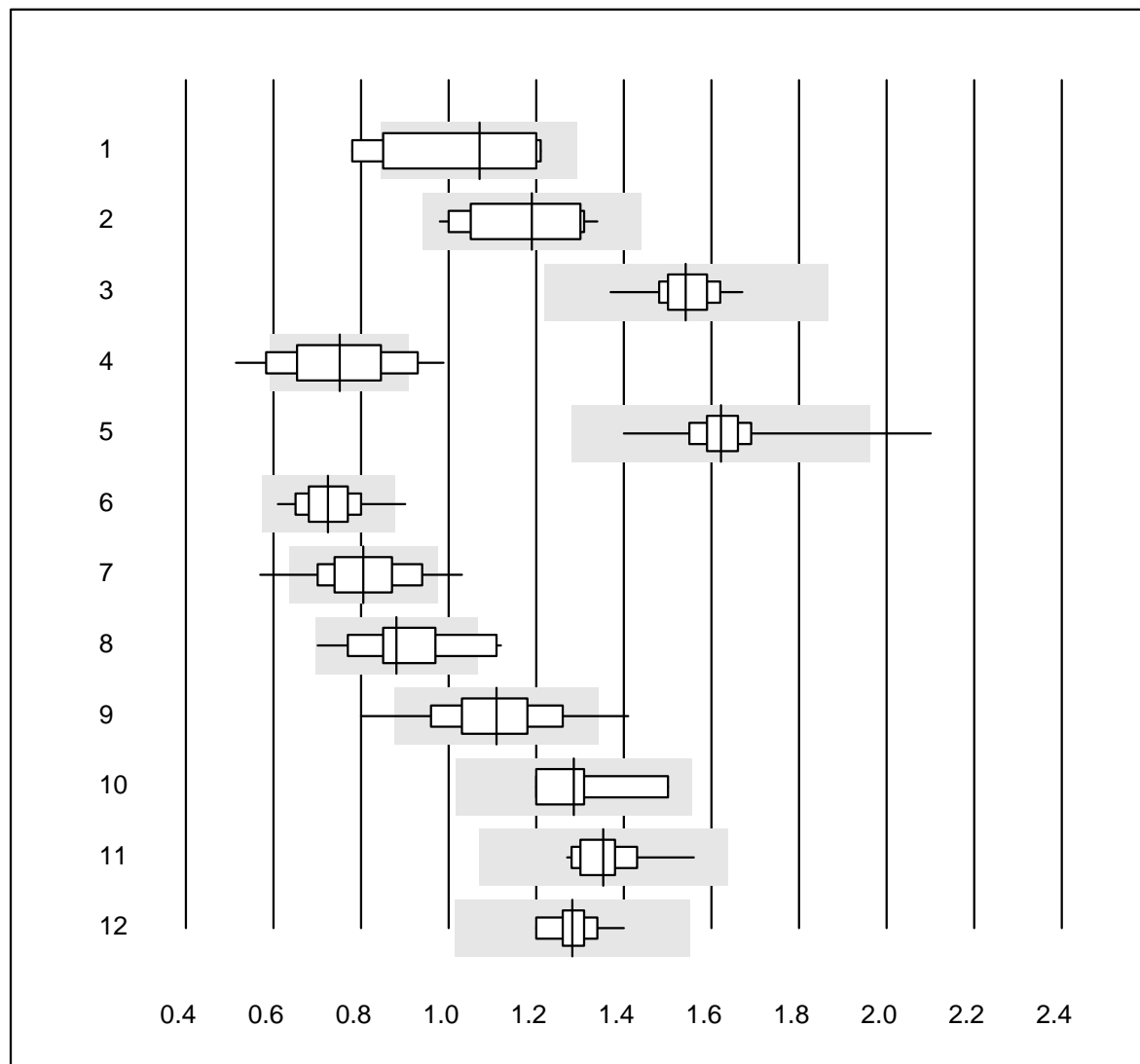
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	31	93.5	6.5	0.0	91	2.9	e
2	Cobas	7	100.0	0.0	0.0	85	1.4	e
3	Fuji Dri-Chem	665	96.0	2.6	1.4	103	2.2	e
4	Spotchem D-Concept	171	97.0	1.2	1.8	105	2.3	e
5	Spotchem EL-SE 1520	104	90.4	3.8	5.8	108	2.7	e
6	Piccolo	18	94.4	5.6	0.0	90	3.2	e*
7	iStat Chem8	6	100.0	0.0	0.0	95	2.0	e*

Cholesterol total



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	28	100.0	0.0	0.0	3.87	2.7	e
2	Cobas	16	100.0	0.0	0.0	3.82	2.4	e
3	Reflotron	637	98.6	0.3	1.1	3.51	3.3	e
4	Fuji Dri-Chem	729	97.6	1.9	0.5	3.67	4.0	e
5	Spotchem/Ready	115	99.1	0.9	0.0	3.85	4.5	e
6	Spotchem D-Concept	189	96.8	1.6	1.6	3.78	3.7	e
7	Piccolo	21	90.5	0.0	9.5	3.86	1.8	e
8	Cholestech LDX	179	93.8	2.8	3.4	3.74	4.7	e
9	Abx Mira	10	90.0	10.0	0.0	3.97	4.9	e*
10	Hitachi S40/M40	16	93.7	0.0	6.3	3.93	2.3	e
11	Autolyser/DiaSys	16	93.7	6.3	0.0	3.83	4.8	e*
12	Other methods	4	100.0	0.0	0.0	2.64	1.0	e

Cholesterin HDL

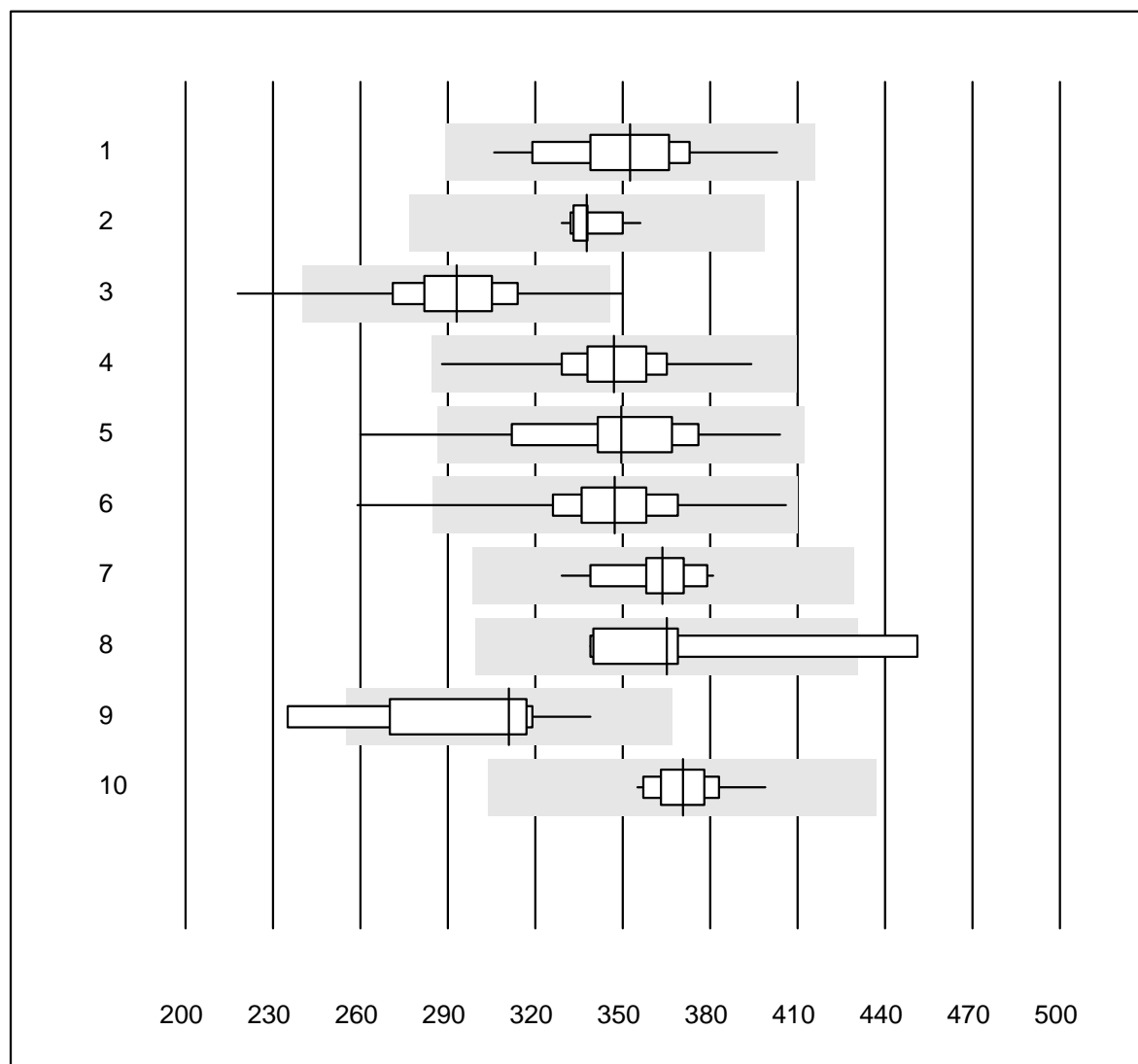


QUALAB tolerance : 21 %

Cholesterin HDL (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Pentra/Selectra	7	85.7	14.3	0.0	1.07	17.6	e*
2	Wet chemistry, direc	21	100.0	0.0	0.0	1.19	11.1	e
3	Cobas	15	100.0	0.0	0.0	1.54	4.6	e
4	Reflotron	469	56.7	19.2	24.1	0.75	16.7	e
5	Fuji Dri-Chem	697	99.3	0.1	0.6	1.62	3.6	e
6	Spotchem/Ready	101	97.0	2.0	1.0	0.73	8.3	e
7	Spotchem D-Concept	187	89.3	6.4	4.3	0.81	11.5	e
8	Piccolo	20	80.0	10.0	10.0	0.88	12.6	e*
9	Cholestech LDX	178	87.1	10.7	2.2	1.11	11.1	e
10	Abx Mira	4	100.0	0.0	0.0	1.29	9.8	e*
11	Hitachi S40/M40	15	100.0	0.0	0.0	1.35	5.3	e
12	Autolyser/DiaSys	16	100.0	0.0	0.0	1.28	3.9	e

Creatine kinase

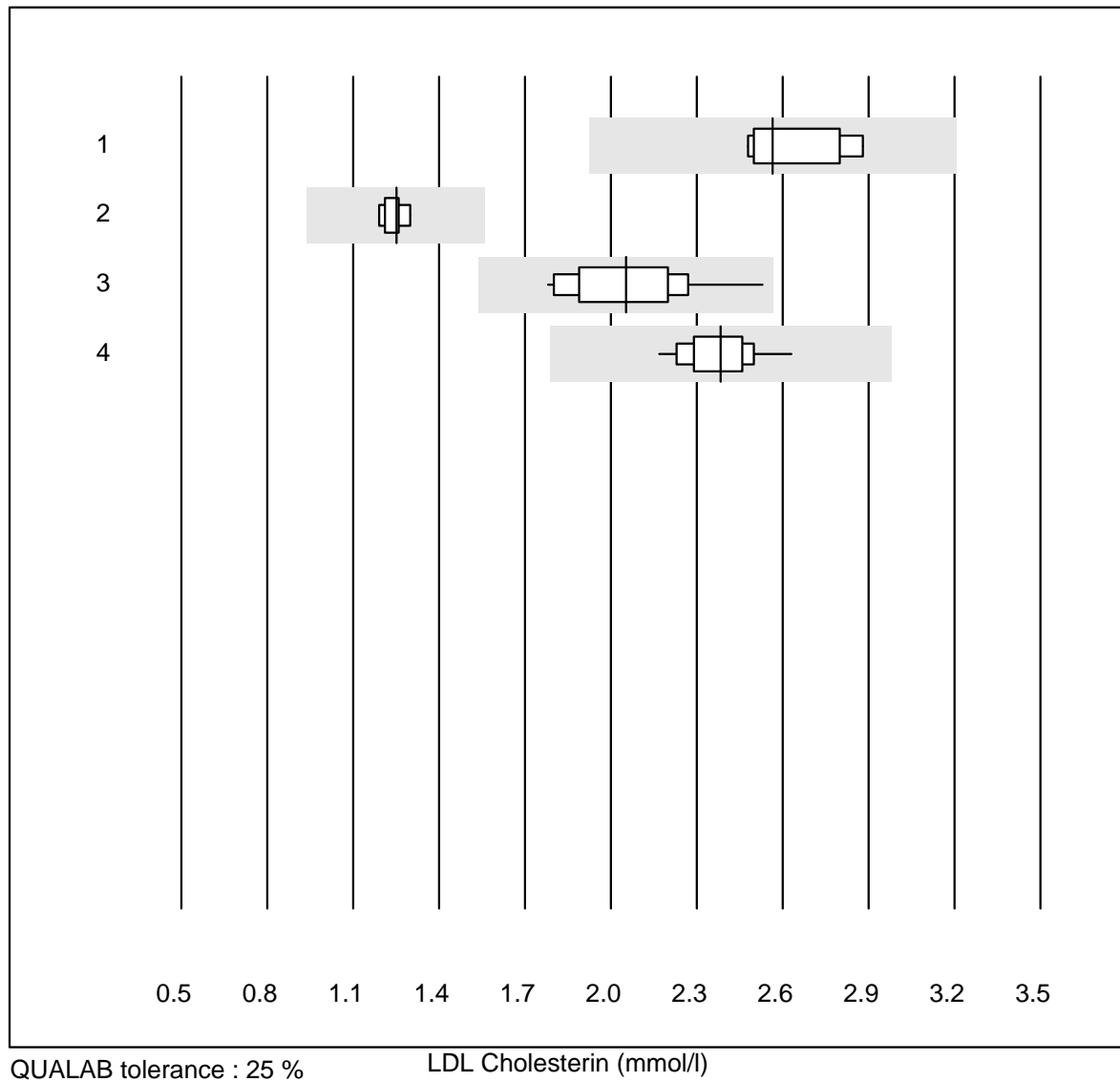


QUALAB tolerance : 18 %

Creatine kinase (U/l)

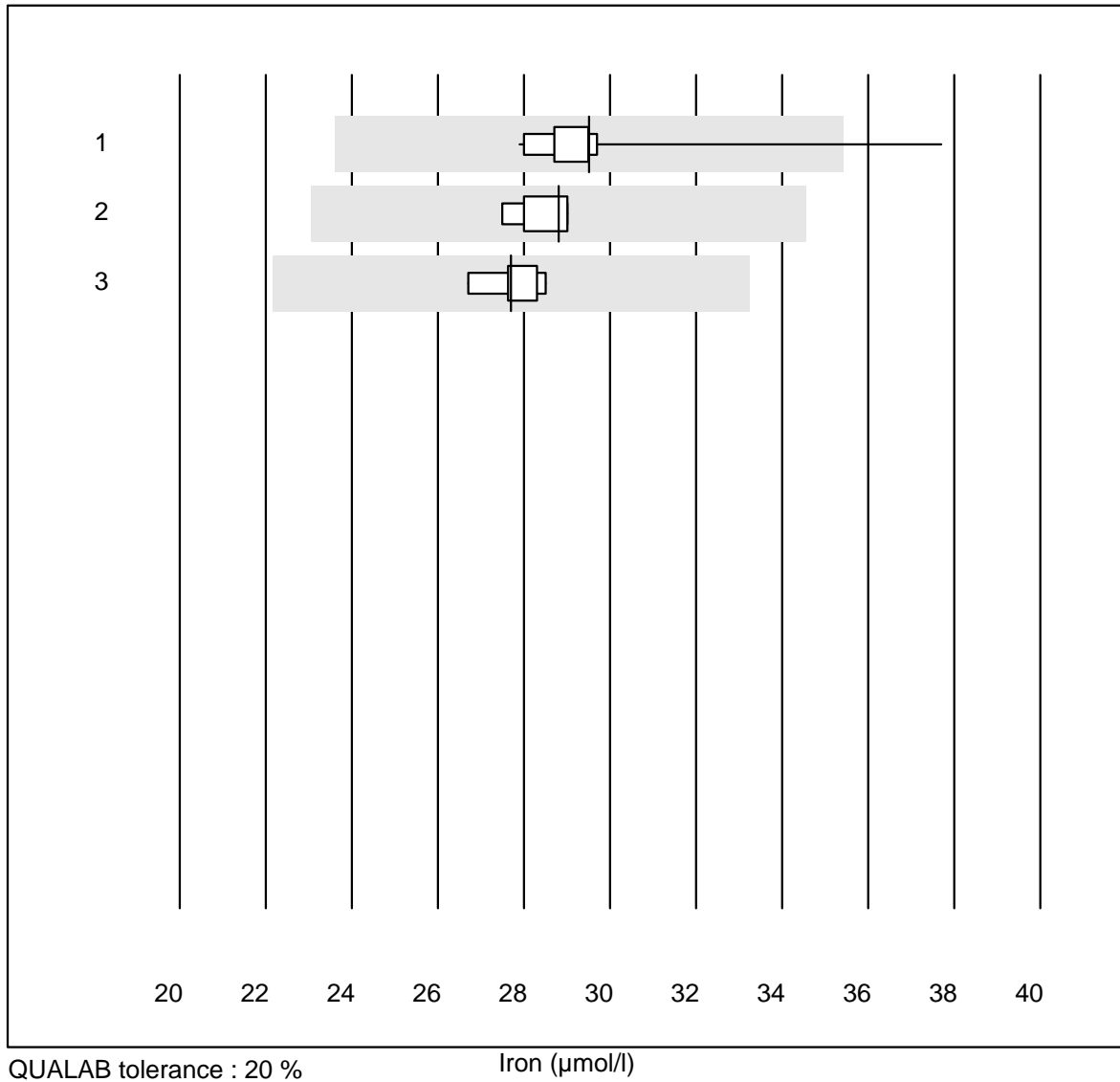
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	29	100.0	0.0	0.0	353	5.9	e
2 Cobas	15	100.0	0.0	0.0	338	2.2	e
3 Reflotron	384	97.4	1.6	1.0	293	6.4	e
4 Fuji Dri-Chem	460	99.1	0.0	0.9	347	4.4	e
5 Spotchem/Ready	45	95.6	4.4	0.0	349	8.4	e
6 Spotchem D-Concept	120	98.4	0.8	0.8	347	5.4	e
7 Piccolo	16	100.0	0.0	0.0	364	3.8	e
8 Abx Mira	7	85.7	14.3	0.0	365	10.3	e*
9 Hitachi S40/M40	10	80.0	20.0	0.0	311	12.0	e*
10 Autolyser/DiaSys	14	100.0	0.0	0.0	371	3.1	e

LDL Cholesterin



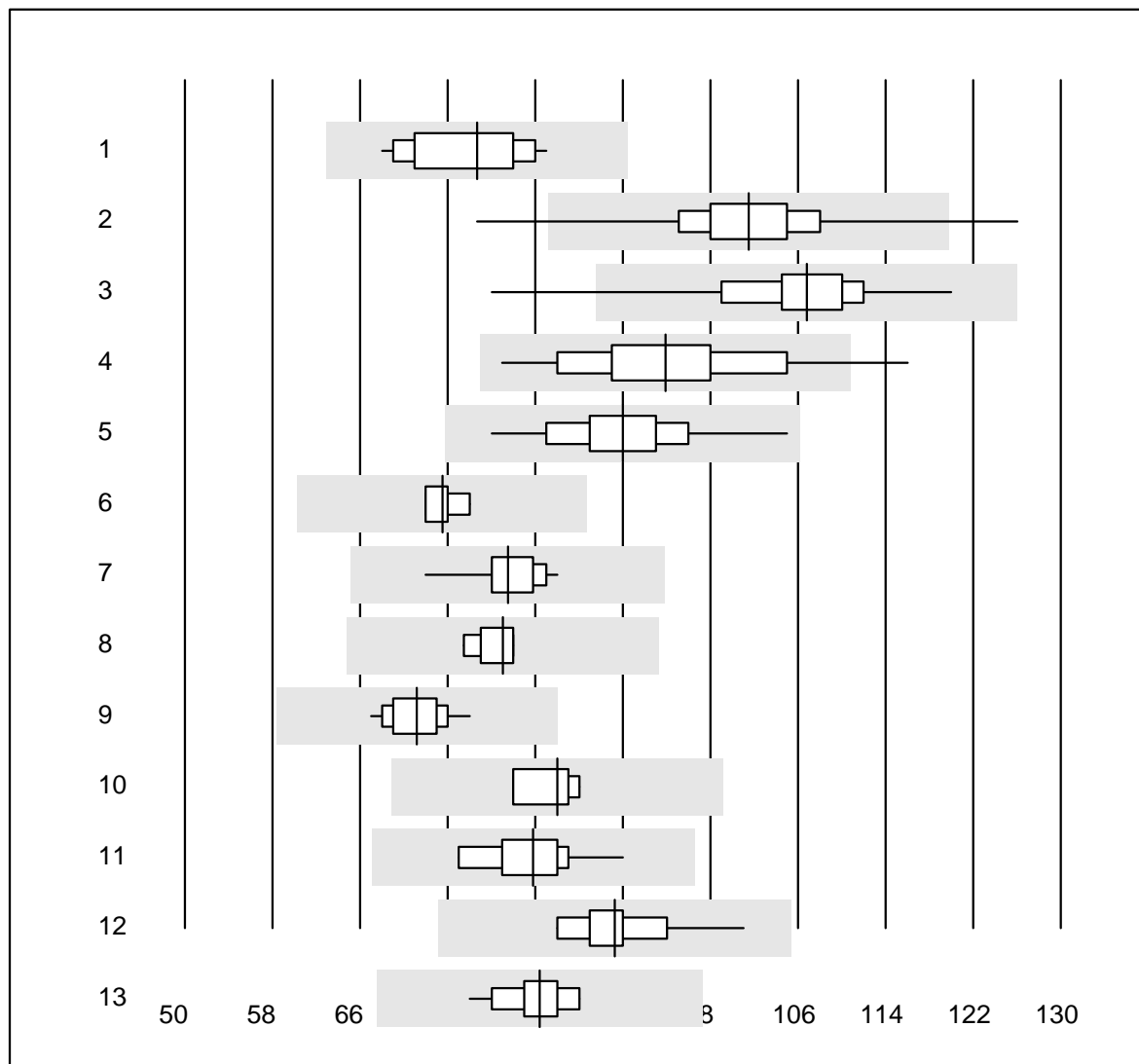
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Roche, Cobas	6	100.0	0.0	0.0	2.6	6.3	e
2	Hitachi S40/M40	8	100.0	0.0	0.0	1.3	3.0	e
3	Autolyser/DiaSys	14	100.0	0.0	0.0	2.1	10.3	e
4	Beckman	12	100.0	0.0	0.0	2.4	5.4	e

Iron



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	17	94.1	5.9	0.0	30	7.4	e
2	Cobas	9	100.0	0.0	0.0	29	2.0	e
3	Abx Mira	5	100.0	0.0	0.0	28	2.5	e

Gamma-glutamyltransferase

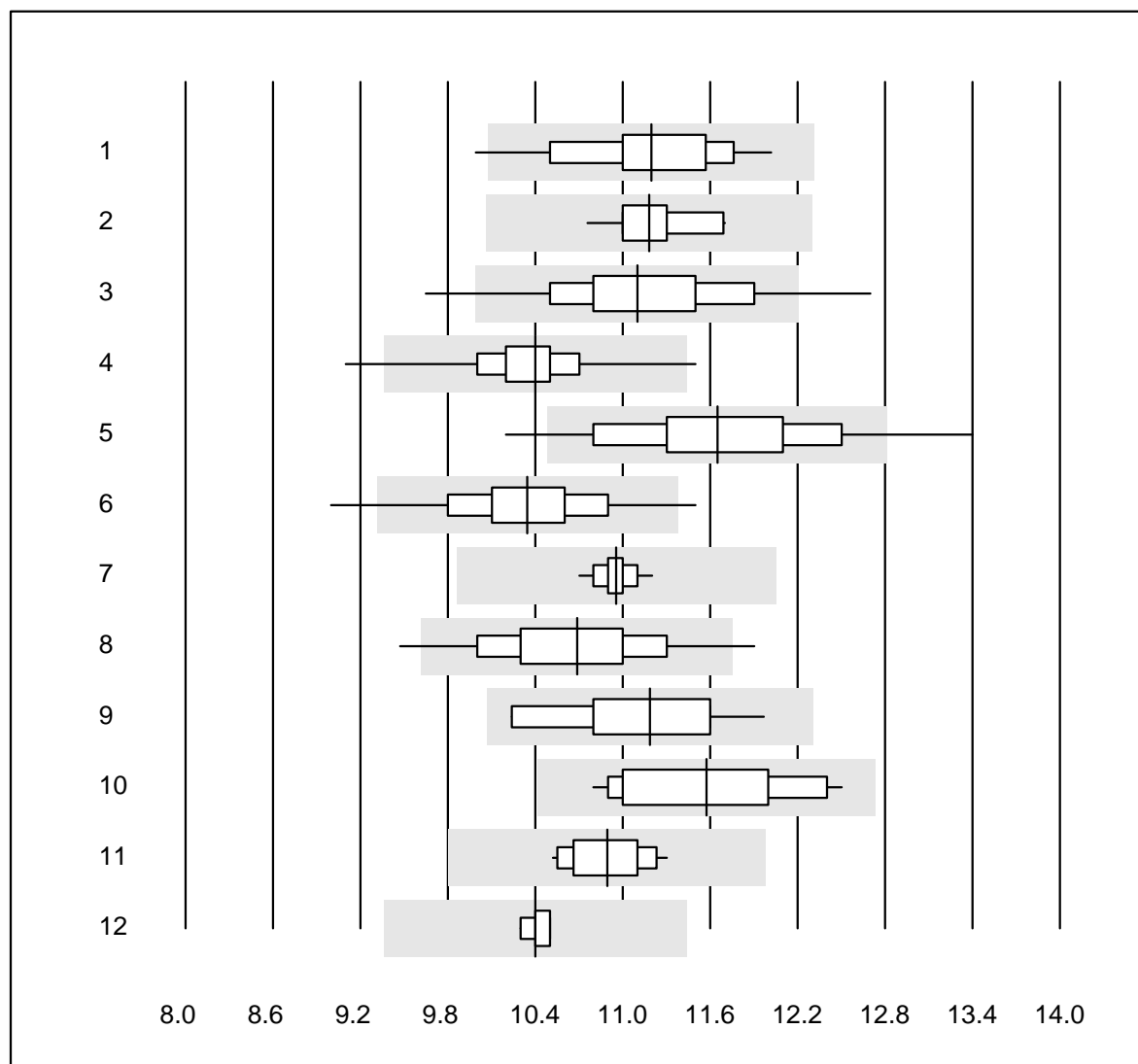


QUALAB tolerance : 18 %

Gamma-glutamyltransferase (U/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	18	100.0	0.0	0.0	77	6.5	e
2	Reflotron	792	98.3	0.9	0.8	102	5.6	e
3	Fuji Dri-Chem	793	99.6	0.4	0.0	107	5.1	e
4	Spotchem/Ready	120	97.5	1.7	0.8	94	8.2	e
5	Spotchem D-Concept	207	98.6	0.0	1.4	90	5.7	e
6	Architect	4	100.0	0.0	0.0	74	2.3	e
7	Dimension	13	100.0	0.0	0.0	80	3.9	e
8	IFCC Beckmann	8	100.0	0.0	0.0	79	2.1	e
9	Piccolo	31	100.0	0.0	0.0	71	3.5	e
10	Skyla	4	100.0	0.0	0.0	84	3.2	e
11	Abx Mira	10	100.0	0.0	0.0	82	5.4	e
12	Hitachi S40/M40	18	100.0	0.0	0.0	89	4.3	e
13	Autolyser/DiaSys	17	100.0	0.0	0.0	82	3.1	e

Glucose

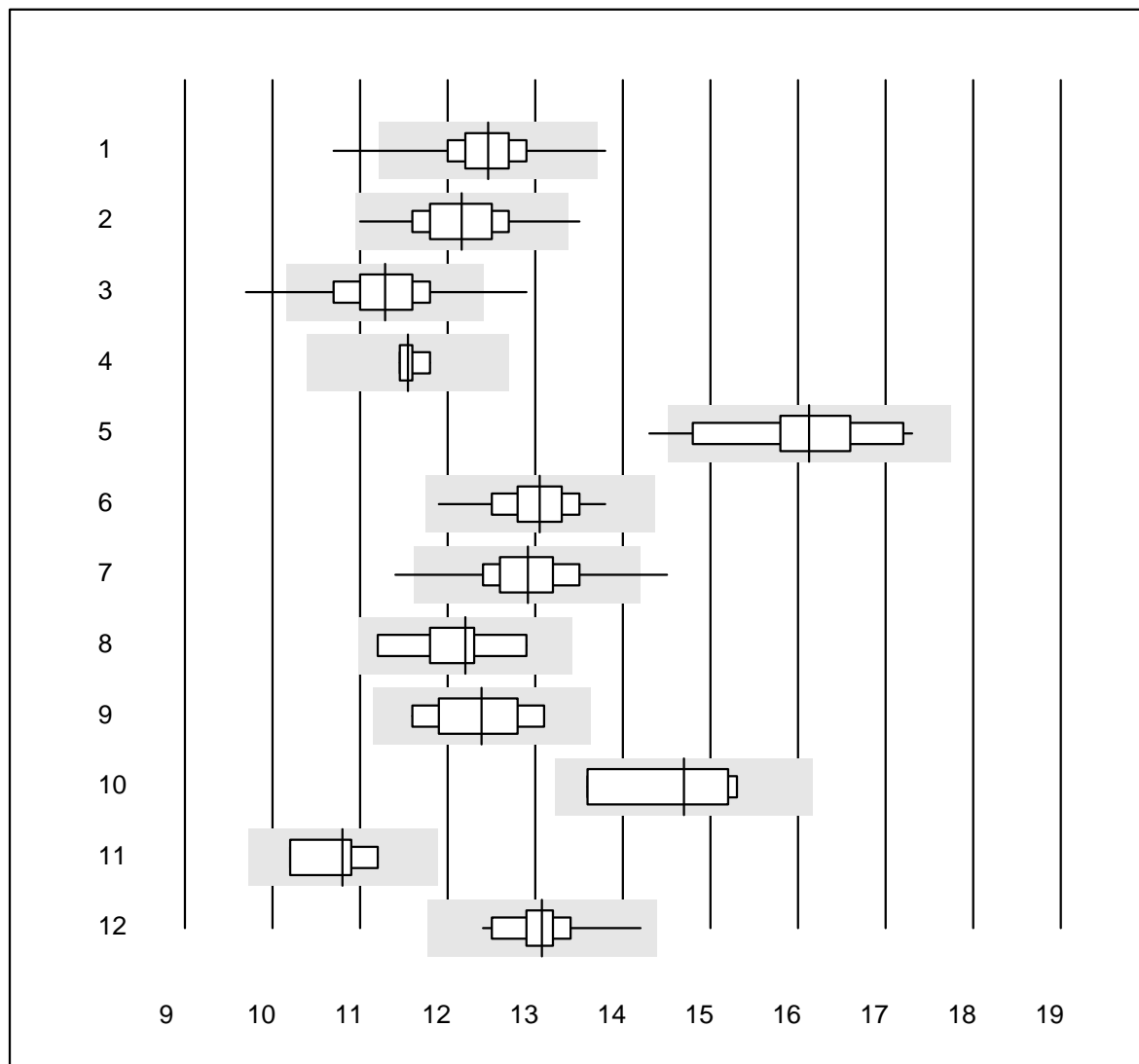


QUALAB tolerance : 10 %

Glucose (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	36	97.2	2.8	0.0	11.2	4.4	e
2	Cobas	17	100.0	0.0	0.0	11.2	2.4	e
3	Reflotron	798	93.2	4.8	2.0	11.1	4.9	e
4	Fuji Dri-Chem	751	99.3	0.4	0.3	10.4	2.4	e
5	Spotchem/Ready	107	93.5	6.5	0.0	11.7	5.3	e
6	Spotchem D-Concept	194	97.9	2.1	0.0	10.3	4.0	e
7	Piccolo	43	100.0	0.0	0.0	11.0	1.2	e
8	Cholestech LDX	145	95.1	2.8	2.1	10.7	4.6	e
9	Abx Mira	10	100.0	0.0	0.0	11.2	4.5	e*
10	Hitachi S40/M40	19	100.0	0.0	0.0	11.6	4.6	e
11	Autolyser/DiaSys	17	100.0	0.0	0.0	10.9	2.3	e
12	iStat Chem8	7	85.7	0.0	14.3	10.4	0.7	e

Glucose

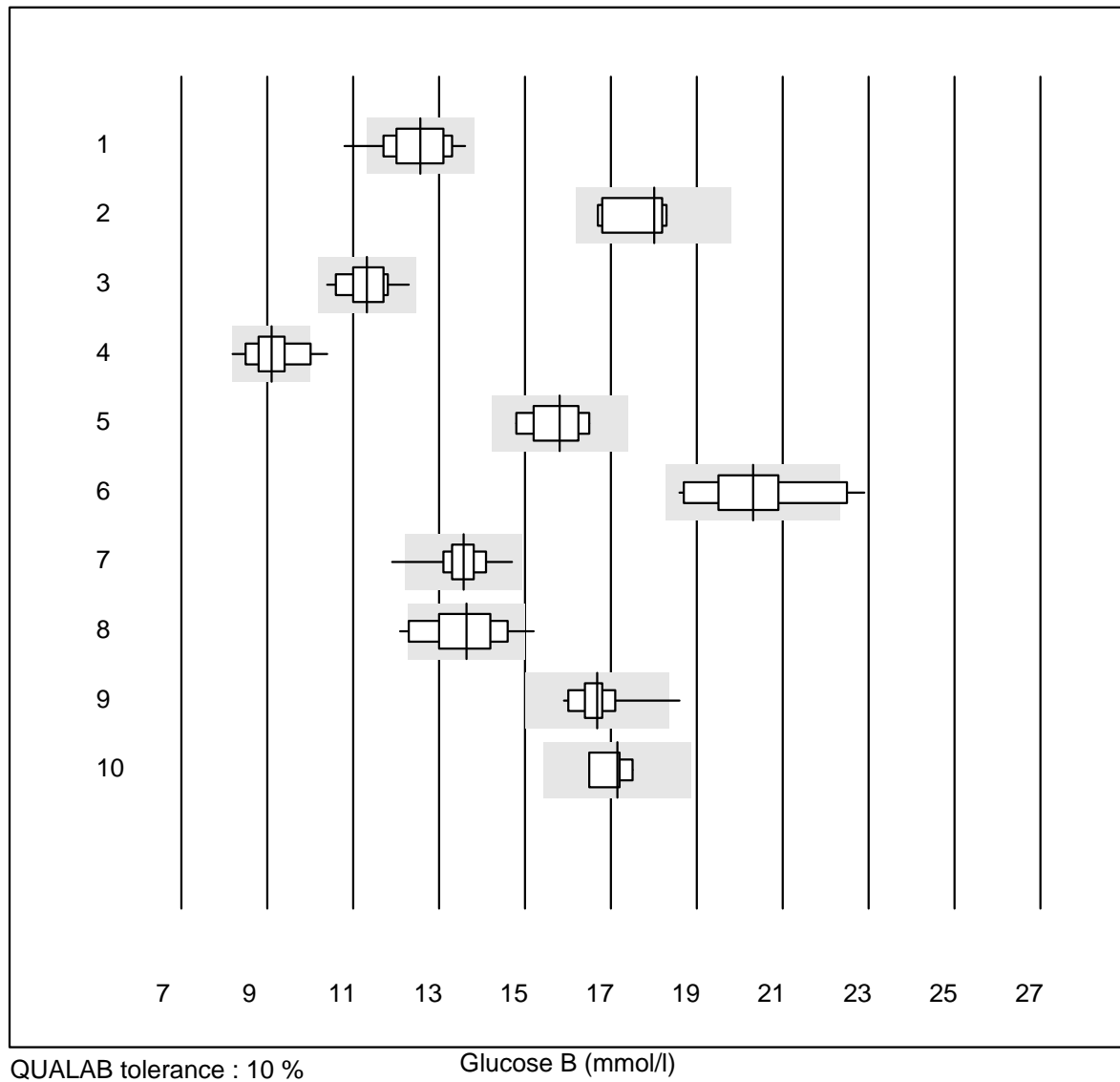


QUALAB tolerance : 10 %

Glucose (mmol/l)

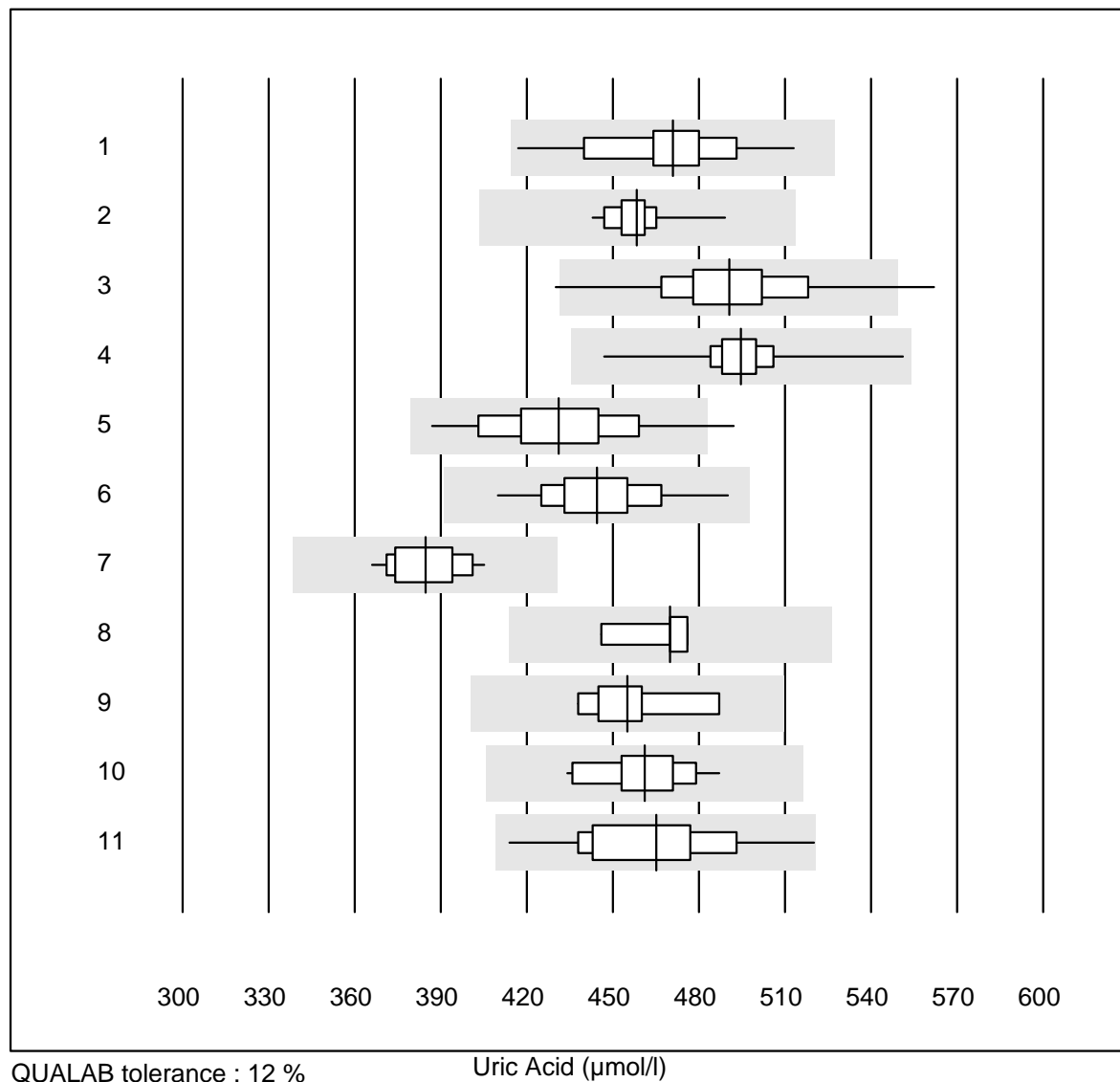
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Accu-Chek Aviva	392	96.7	1.0	2.3	12.5	3.2	e
2	Accu-Chek Inform 2	378	98.9	0.3	0.8	12.2	3.5	e
3	Contour XT	1103	97.0	1.9	1.1	11.3	4.0	e
4	Skyla	4	100.0	0.0	0.0	11.6	1.3	e
5	Glucocard	17	94.1	5.9	0.0	16.1	5.0	e*
6	Hemocue 201+ P-equiv	89	98.9	0.0	1.1	13.1	2.9	e
7	Hemocue 201RT P-equiv	59	96.6	3.4	0.0	12.9	3.8	e
8	FreeStyle Precision	9	88.9	0.0	11.1	12.2	4.1	e*
9	Freestyle Freedom li	10	90.0	0.0	10.0	12.4	4.5	e*
10	Sanofi BG Star	4	100.0	0.0	0.0	14.7	5.6	e*
11	Contour NEXT ONE	4	100.0	0.0	0.0	10.8	3.9	e*
12	Accu-Check Guide	37	89.2	0.0	10.8	13.1	2.8	e

Glucose B



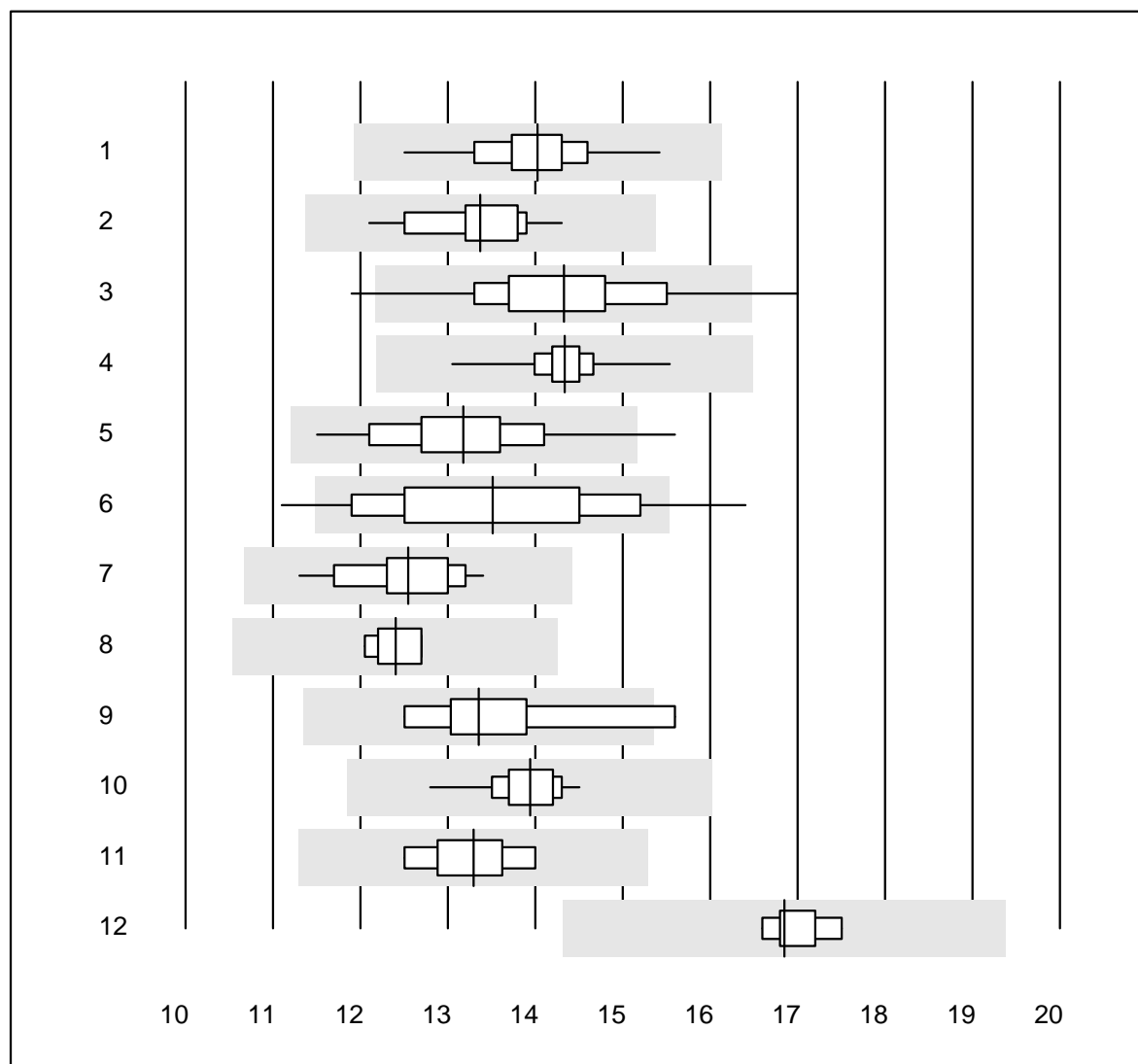
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Hemocue 201+ (alt)	47	97.9	2.1	0.0	12.6	5.1	e
2	OneTouch Ultra	5	100.0	0.0	0.0	18.0	4.5	e*
3	OneTouch Verio	26	100.0	0.0	0.0	11.3	4.3	e
4	Contour 2 (5s)	41	85.3	4.9	9.8	9.1	5.7	e
5	Contour (15s)	7	85.7	0.0	14.3	15.8	4.1	e*
6	Healthpro	19	84.2	10.5	5.3	20.3	6.3	e*
7	Mylife UNIO	190	99.5	0.5	0.0	13.6	3.1	e
8	mylife Pura	57	87.7	10.5	1.8	13.6	5.9	e
9	Omnitest	16	74.9	6.3	18.8	16.7	4.0	e
10	Alpha Check	4	100.0	0.0	0.0	17.2	2.5	e*

Uric Acid



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	30	100.0	0.0	0.0	471	4.2	e
2	Cobas	14	100.0	0.0	0.0	458	2.3	e
3	Reflotron	694	98.7	0.3	1.0	491	4.0	e
4	Fuji Dri-Chem	753	99.2	0.0	0.8	495	2.0	e
5	Spotchem/Ready	99	99.0	1.0	0.0	431	5.0	e
6	Spotchem D-Concept	191	98.4	0.0	1.6	444	3.6	e
7	Piccolo	24	95.8	0.0	4.2	385	3.1	e
8	Skyla	5	100.0	0.0	0.0	470	2.7	e
9	Abx Mira	9	100.0	0.0	0.0	455	3.7	e
10	Hitachi S40/M40	17	100.0	0.0	0.0	461	3.1	e
11	Autolyser/DiaSys	15	100.0	0.0	0.0	465	5.6	e

Urea

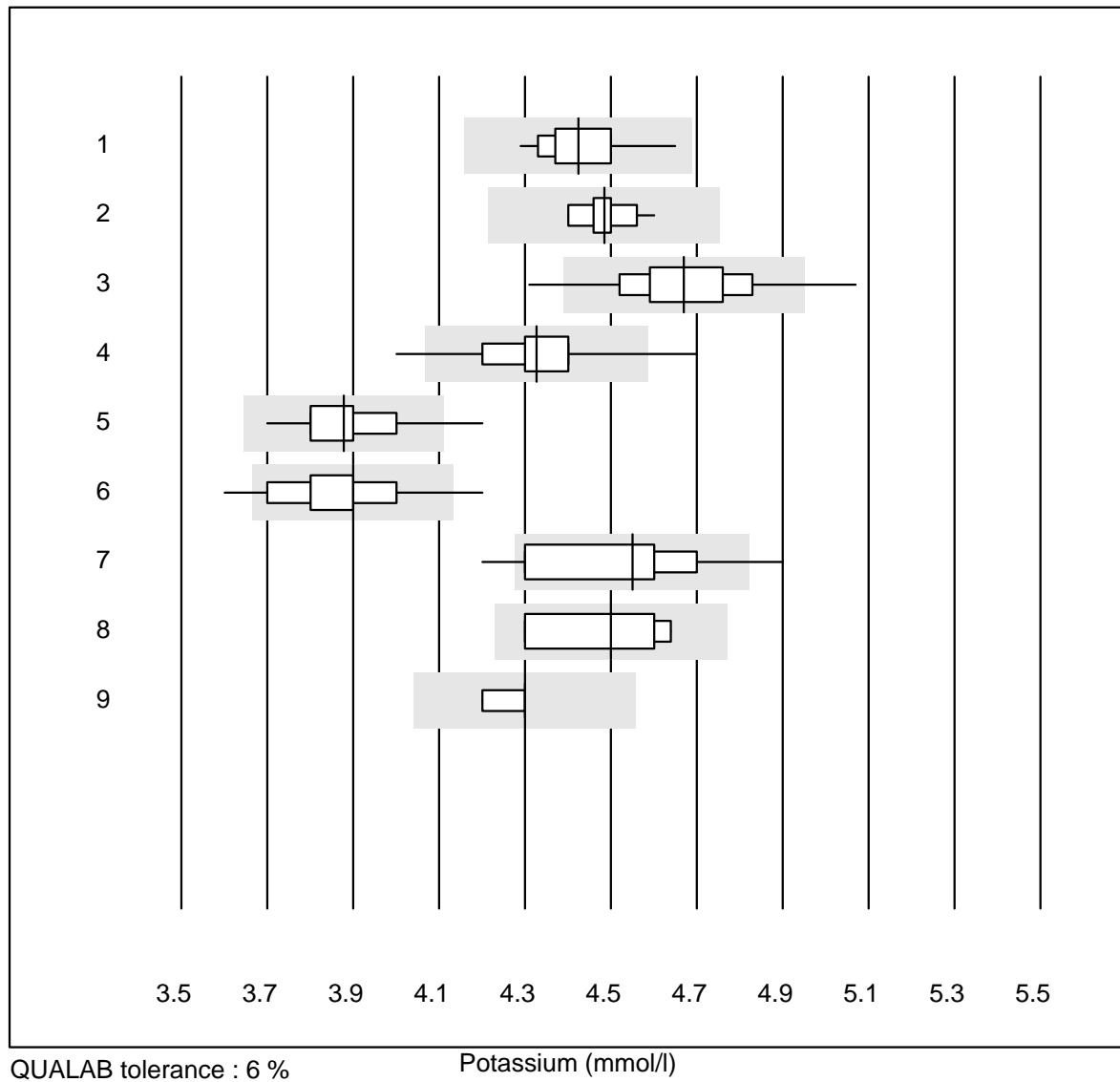


QUALAB tolerance : 15 %

Urea (mmol/l)

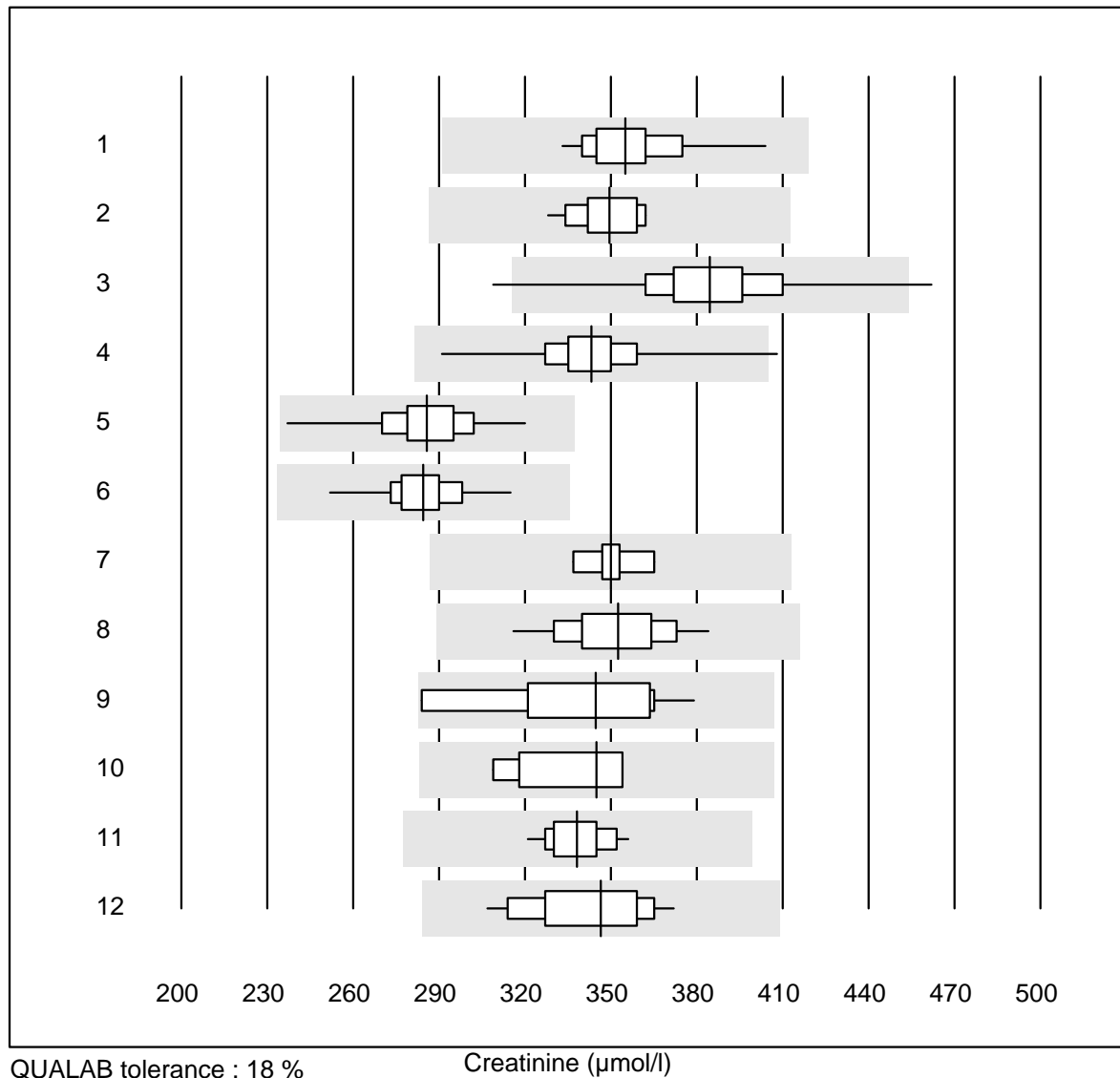
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	28	100.0	0.0	0.0	14.0	3.9	e
2	Cobas	16	100.0	0.0	0.0	13.4	4.1	e
3	Reflotron	312	96.8	2.2	1.0	14.3	6.3	e
4	Fuji Dri-Chem	452	100.0	0.0	0.0	14.3	2.0	e
5	Spotchem/Ready	60	98.3	1.7	0.0	13.2	6.3	e
6	Spotchem D-Concept	120	85.0	9.2	5.8	13.5	9.4	e
7	Piccolo	40	100.0	0.0	0.0	12.5	4.0	e
8	Skyla	5	100.0	0.0	0.0	12.4	2.4	e
9	Abx Mira	8	87.5	12.5	0.0	13.4	8.0	e*
10	Hitachi S40/M40	13	100.0	0.0	0.0	13.9	3.2	e
11	Autolyser/DiaSys	9	100.0	0.0	0.0	13.3	3.7	e
12	iStat Chem8	8	75.0	0.0	25.0	16.9	1.9	e

Potassium



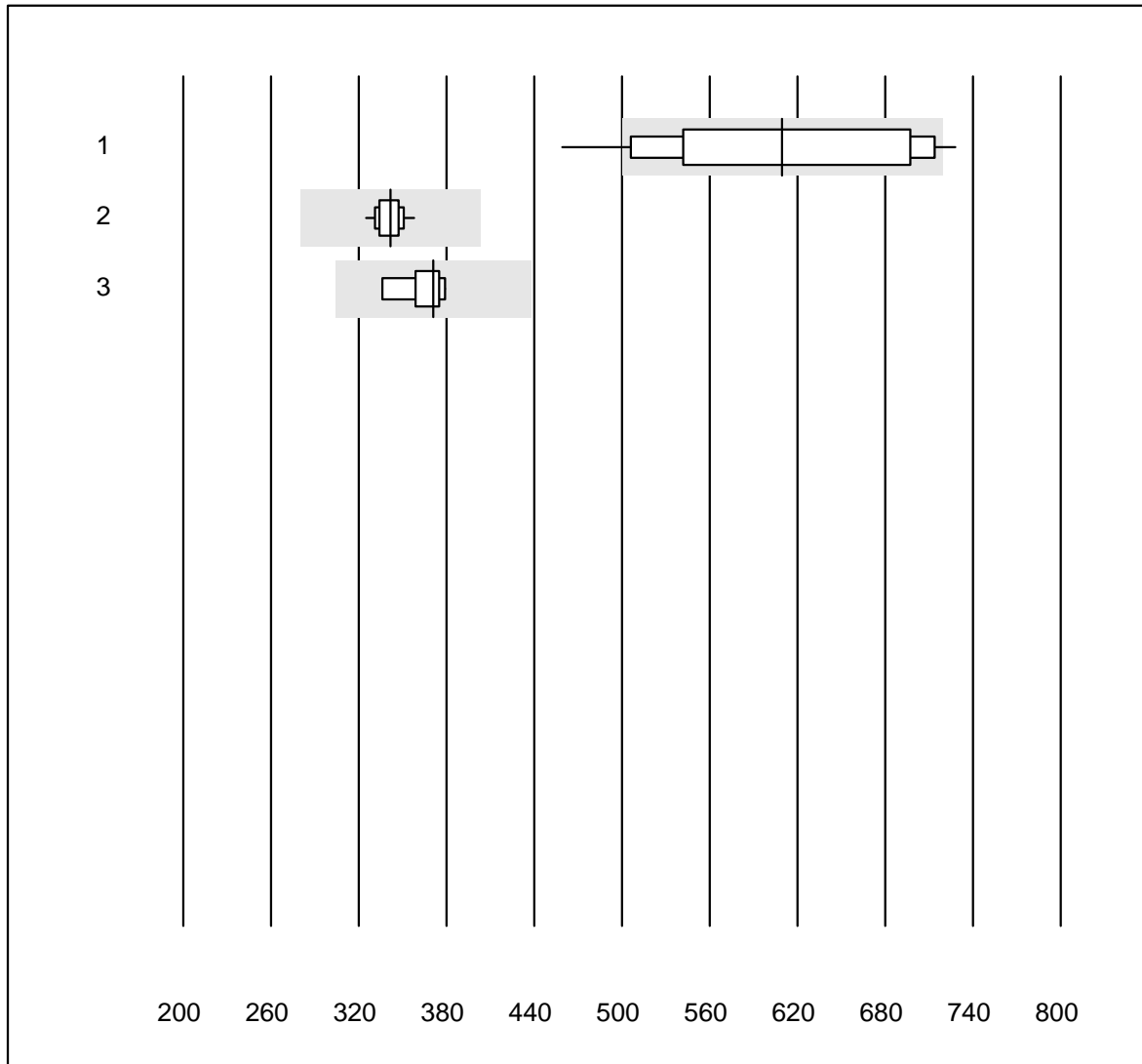
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	45	97.8	0.0	2.2	4.42	1.8	e
2	Cobas	17	100.0	0.0	0.0	4.48	1.2	e
3	Reflotron	715	94.9	2.0	3.1	4.67	2.6	e
4	Fuji Dri-Chem	791	97.2	1.0	1.8	4.33	1.9	e
5	Spotchem D-Concept	193	99.5	0.5	0.0	3.88	2.2	e
6	Spotchem EL-SE 1520	109	90.8	4.6	4.6	3.90	3.0	e
7	Piccolo	28	85.7	10.7	3.6	4.55	4.0	e*
8	Abx Mira	4	100.0	0.0	0.0	4.50	3.6	e*
9	iStat Chem8	9	88.9	0.0	11.1	4.30	0.8	e

Creatinine



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	24	95.8	0.0	4.2	355	4.4	e
2	Cobas	18	100.0	0.0	0.0	349	3.0	e
3	Reflotron	907	98.3	0.7	1.0	385	5.1	e
4	Fuji Dri-Chem	817	99.3	0.1	0.6	343	3.9	e
5	Spotchem/Ready	126	99.2	0.0	0.8	286	4.8	e
6	Spotchem D-Concept	201	99.5	0.0	0.5	284	3.5	e
7	Enzymatic	9	100.0	0.0	0.0	350	2.2	e
8	Piccolo	42	100.0	0.0	0.0	353	4.8	e
9	Abx Mira	10	100.0	0.0	0.0	345	8.5	e*
10	Skyla	6	100.0	0.0	0.0	345	5.7	e*
11	Hitachi S40/M40	18	100.0	0.0	0.0	338	2.9	e
12	Autolyser/DiaSys	17	100.0	0.0	0.0	347	5.7	e

Creatinine E

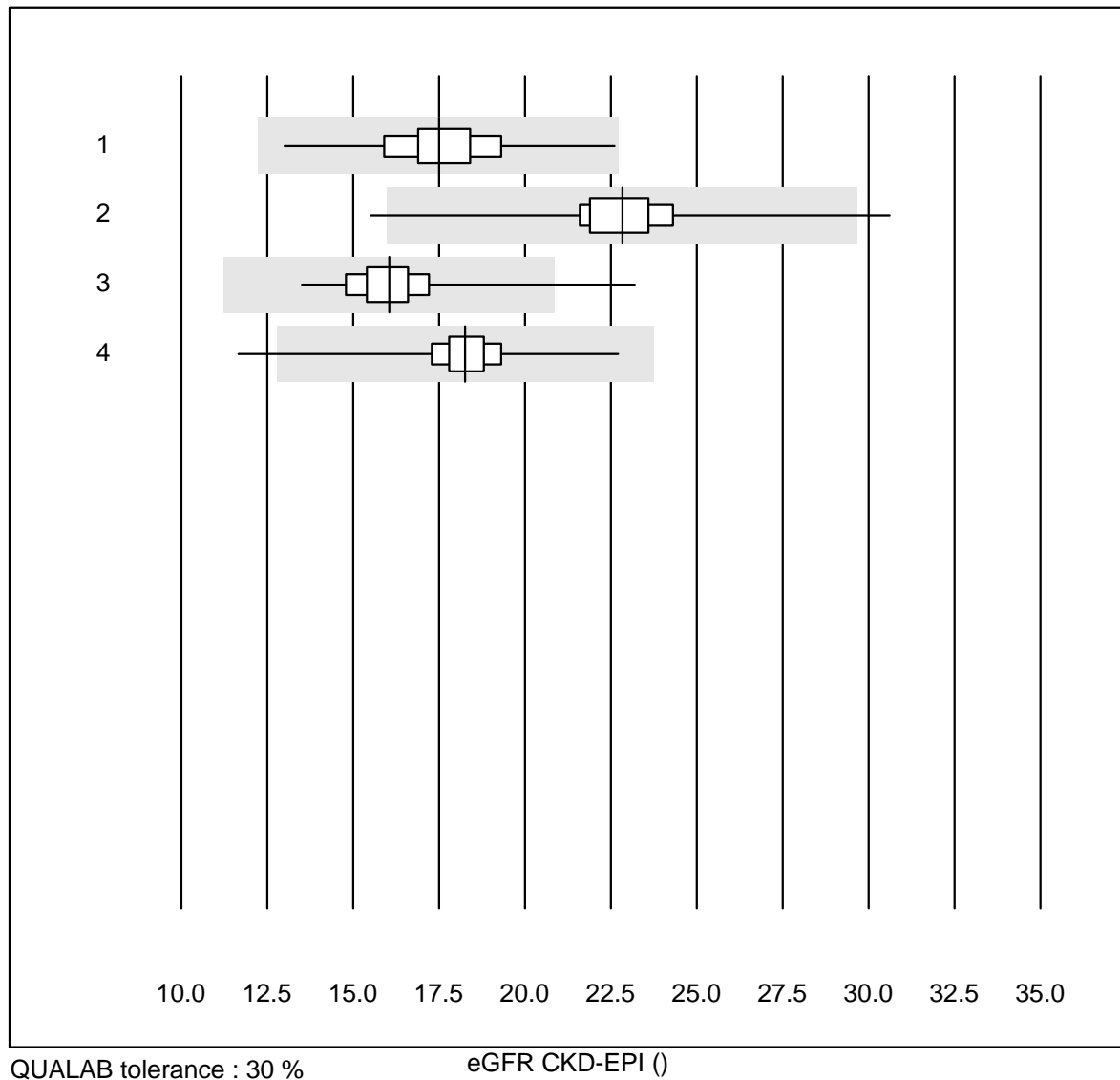


QUALAB tolerance : 18 %

Creatinine E (µmol/l)

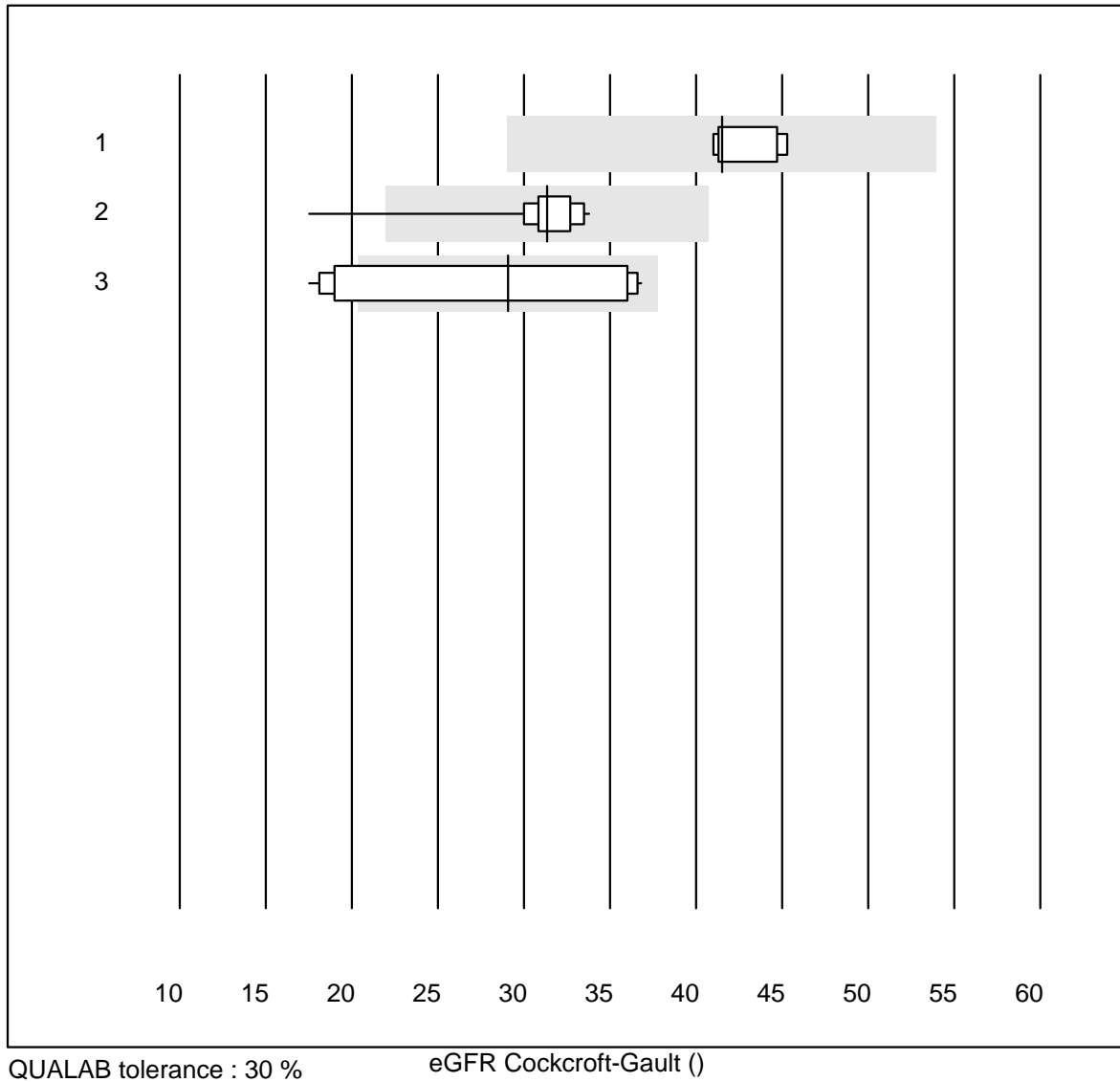
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Statsensor i / Nova	42	83.4	9.5	7.1	610	13.5	e
2	iStat Chem8	14	85.7	0.0	14.3	342	2.7	e
3	ABL700/800	9	100.0	0.0	0.0	371	3.8	e

eGFR CKD-EPI



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	61	96.7	0.0	3.3	17	9.6	e
2	Spotchem/Ready	127	90.5	1.6	7.9	23	7.5	e
3	Reflotron	314	96.5	0.6	2.9	16	6.7	e
4	Fuji Dri-Chem	331	94.9	0.3	4.8	18	5.4	e

eGFR Cockcroft-Gault

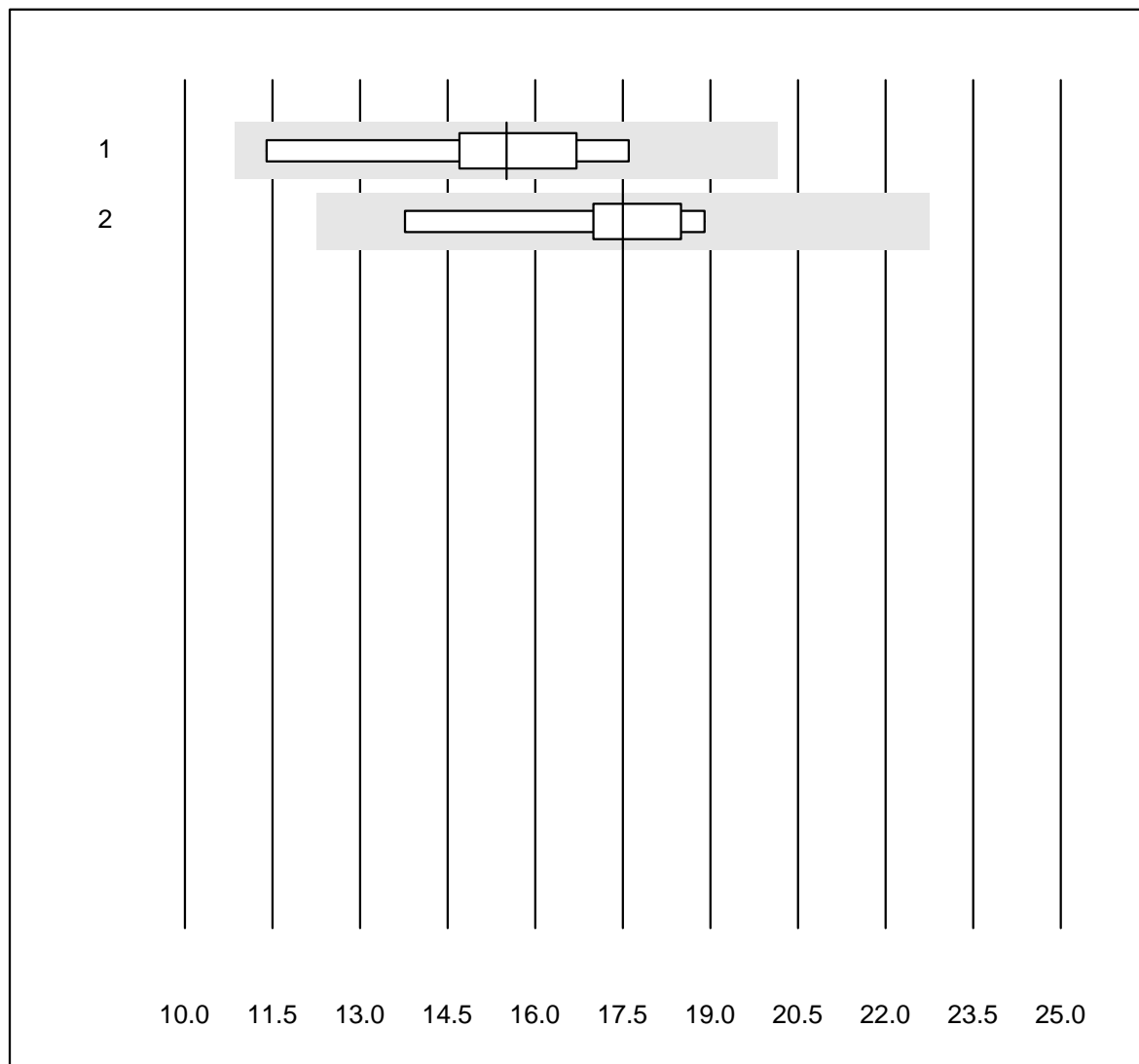


QUALAB tolerance : 30 %

eGFR Cockcroft-Gault (l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Spotchem/Ready	7	85.7	0.0	14.3	42	4.3	e
2	Reflotron	31	74.2	3.2	22.6	31	10.1	e
3	Fuji Dri-Chem	25	64.0	32.0	4.0	29	28.4	e*

eGFR MDRD

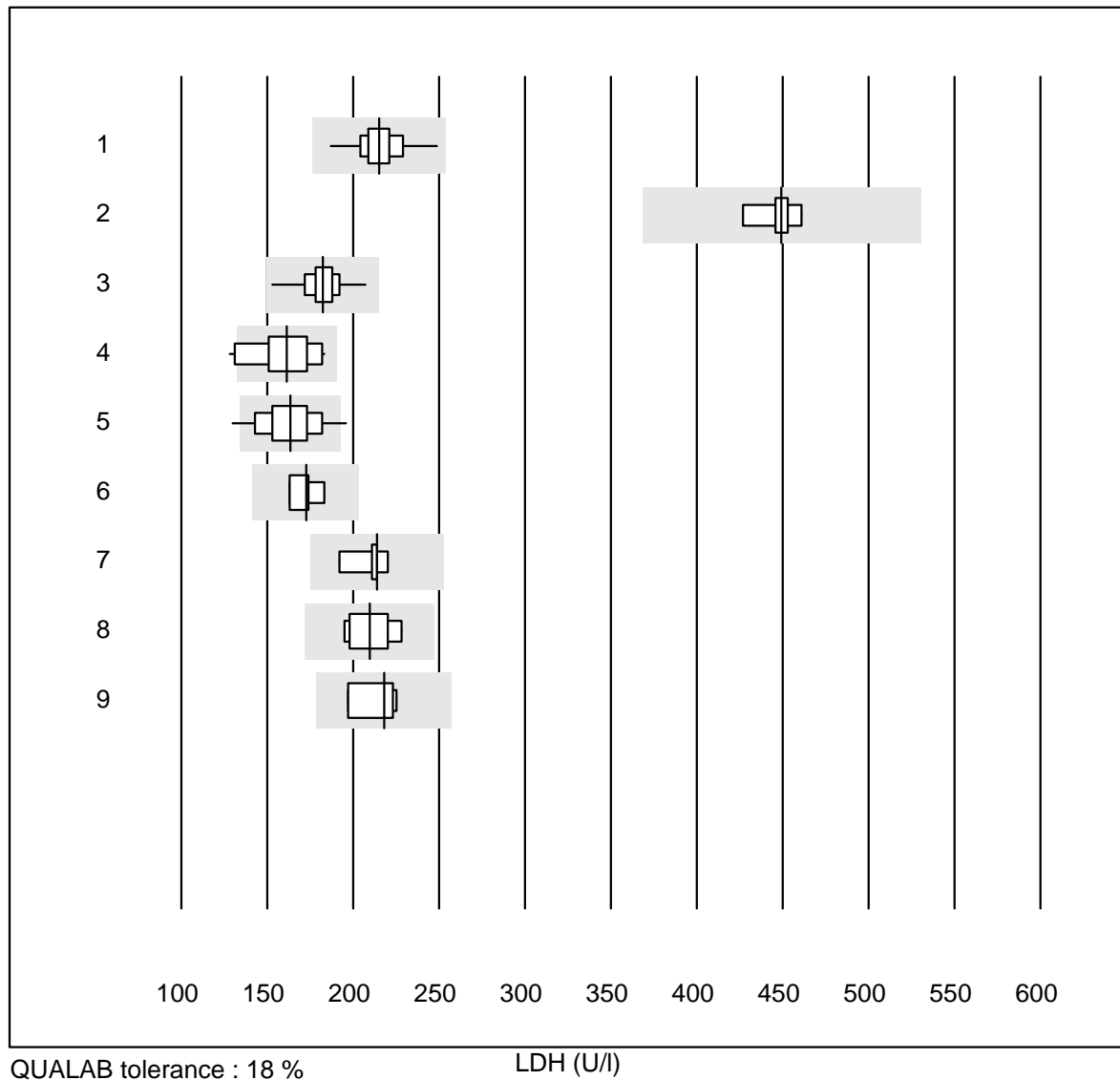


QUALAB tolerance : 30 %

eGFR MDRD ()

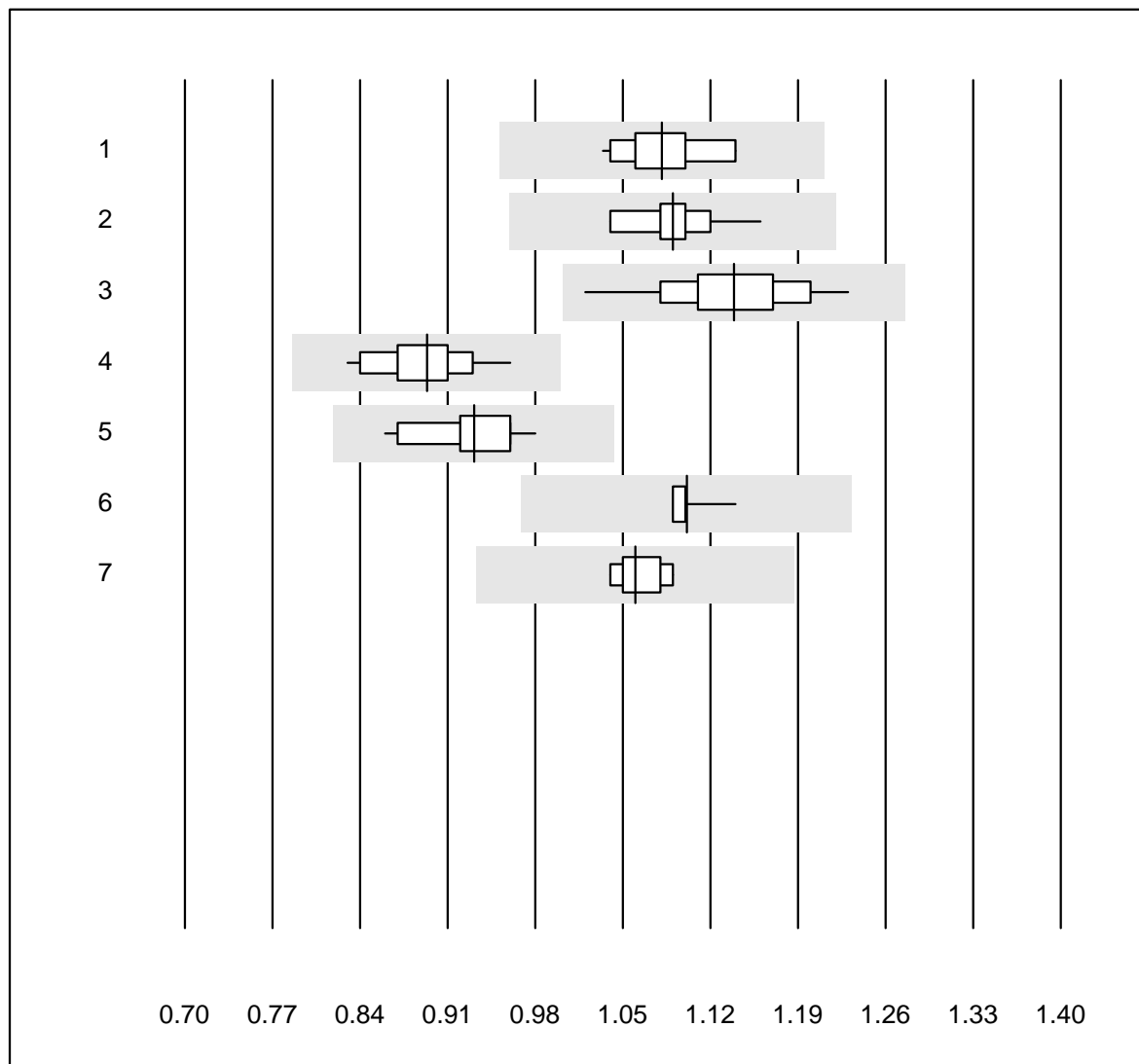
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Reflotron	10	90.0	0.0	10.0	16	11.9	e*
2	Fuji Dri-Chem	5	100.0	0.0	0.0	18	11.8	e*

LDH



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	32	100.0	0.0	0.0	215	5.8	e
2	Cobas	9	100.0	0.0	0.0	449	2.2	e
3	Fuji Dri-Chem	148	99.3	0.0	0.7	182	4.5	e
4	Spotchem/Ready	17	82.3	11.8	5.9	161	10.1	e*
5	Spotchem D-Concept	43	88.4	9.3	2.3	163	9.5	e
6	Piccolo	4	100.0	0.0	0.0	173	4.8	e*
7	Abx Mira	7	85.7	0.0	14.3	214	4.6	e
8	Hitachi S40/M40	6	100.0	0.0	0.0	210	6.0	e*
9	Autolyser/DiaSys	8	100.0	0.0	0.0	218	5.5	e

Magnesium

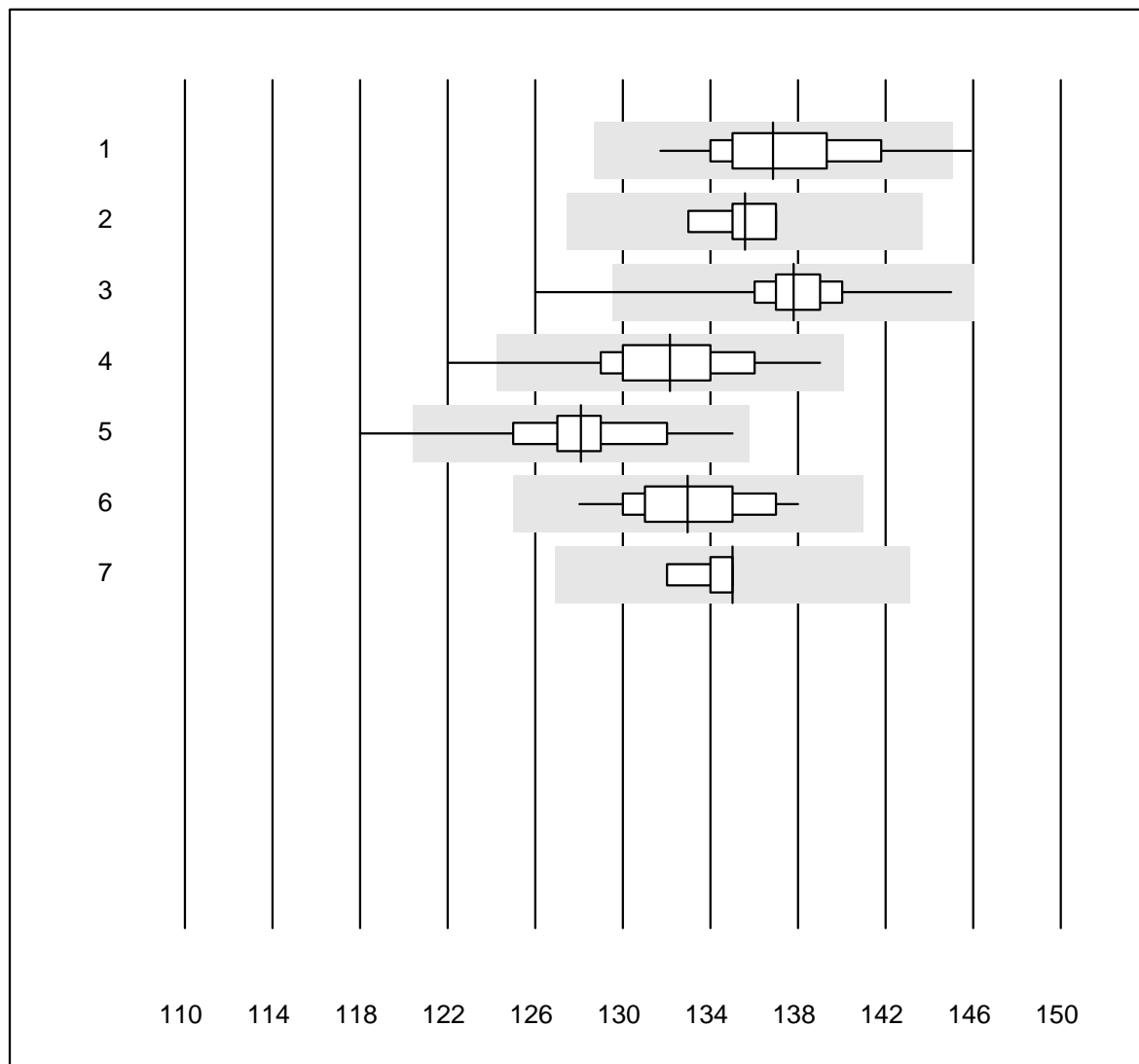


QUALAB tolerance : 12 %

Magnesium (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	14	100.0	0.0	0.0	1.08	2.9	e
2	Cobas	10	100.0	0.0	0.0	1.09	3.2	e
3	Fuji Dri-Chem	119	99.2	0.0	0.8	1.14	4.1	e
4	Spotchem D-Concept	40	100.0	0.0	0.0	0.89	3.8	e
5	Spotchem/Ready	12	91.7	0.0	8.3	0.93	3.9	e
6	Beckman	10	100.0	0.0	0.0	1.10	1.3	e
7	Piccolo	7	100.0	0.0	0.0	1.06	1.6	e

Sodium

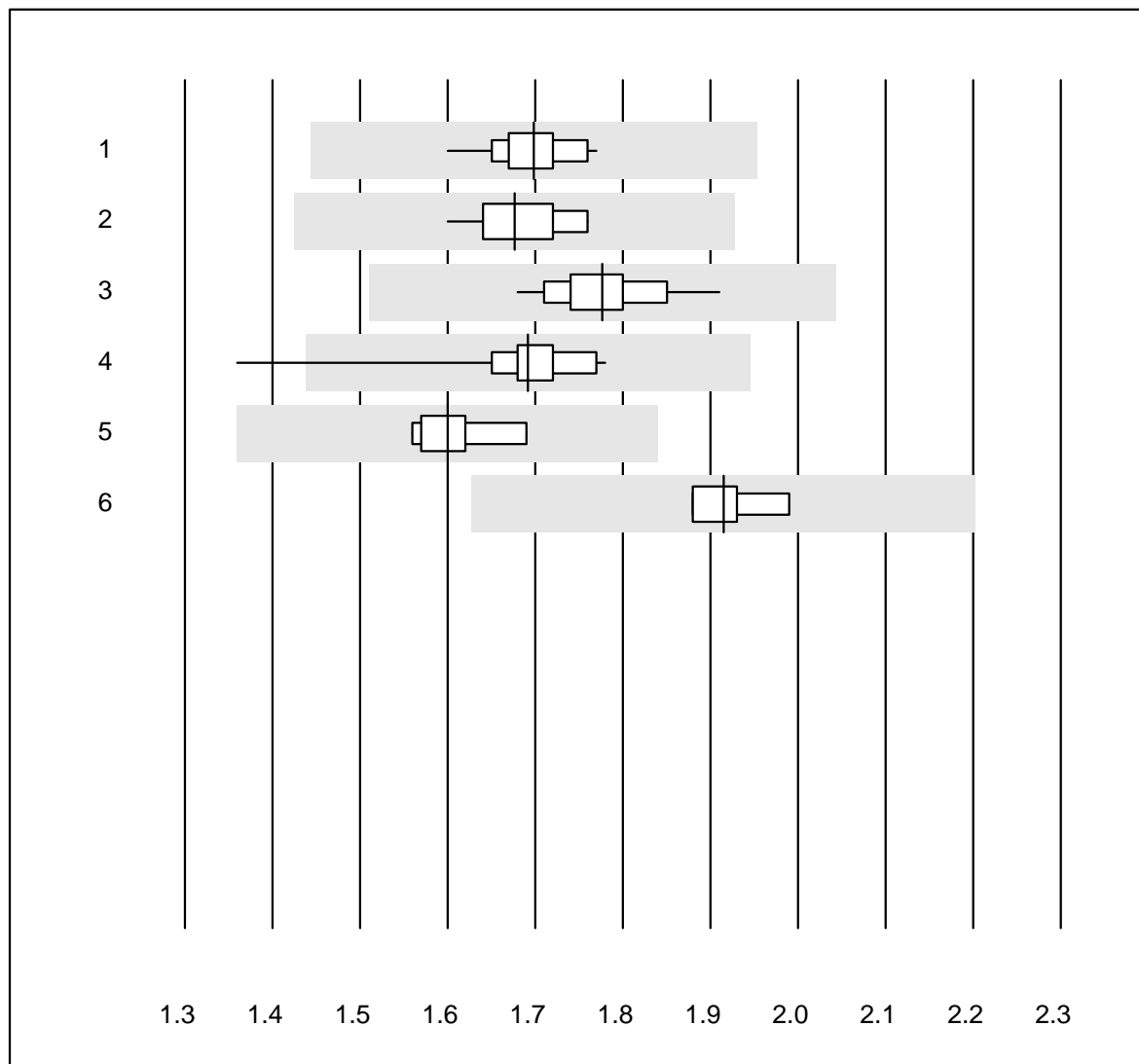


QUALAB tolerance : 6 %

Sodium (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	43	95.3	4.7	0.0	137	2.4	e
2	Cobas	17	100.0	0.0	0.0	136	1.0	e
3	Fuji Dri-Chem	734	98.0	1.2	0.8	138	1.5	e
4	Spotchem D-Concept	185	97.3	1.1	1.6	132	2.1	e
5	Spotchem EL-SE 1520	109	98.2	0.9	0.9	128	2.2	e
6	Piccolo	29	100.0	0.0	0.0	133	1.9	e
7	iStat Chem8	8	100.0	0.0	0.0	135	0.8	e

Phosphate

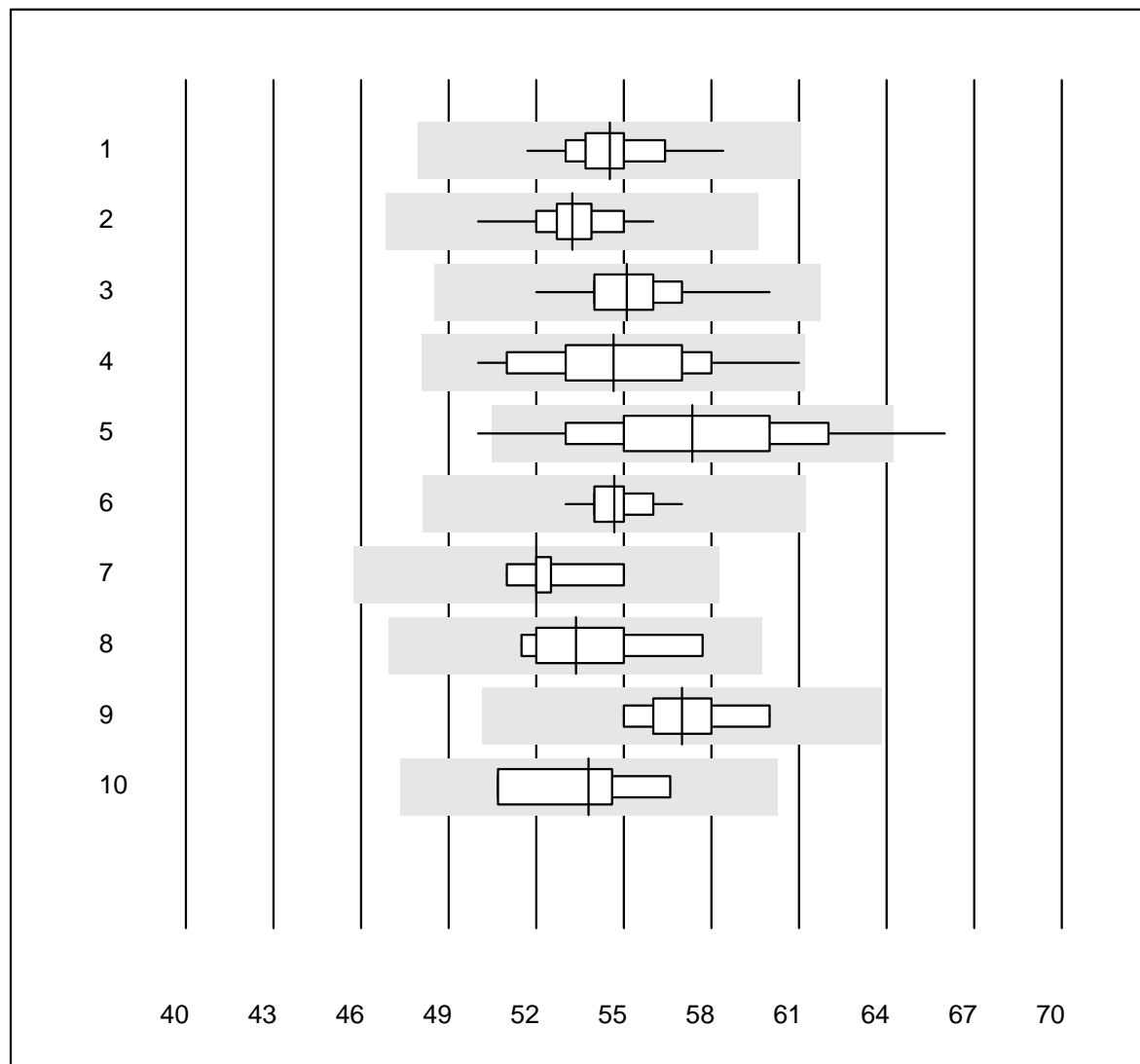


QUALAB tolerance : 15 %

Phosphate (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	23	100.0	0.0	0.0	1.7	2.6	e
2	Cobas	11	100.0	0.0	0.0	1.7	3.1	e
3	Fuji Dri-Chem	83	98.8	0.0	1.2	1.8	3.0	e
4	Spotchem D-Concept	20	95.0	5.0	0.0	1.7	5.1	e
5	Spotchem/Ready	8	100.0	0.0	0.0	1.6	2.7	e
6	Piccolo	4	100.0	0.0	0.0	1.9	2.5	e

Protein total

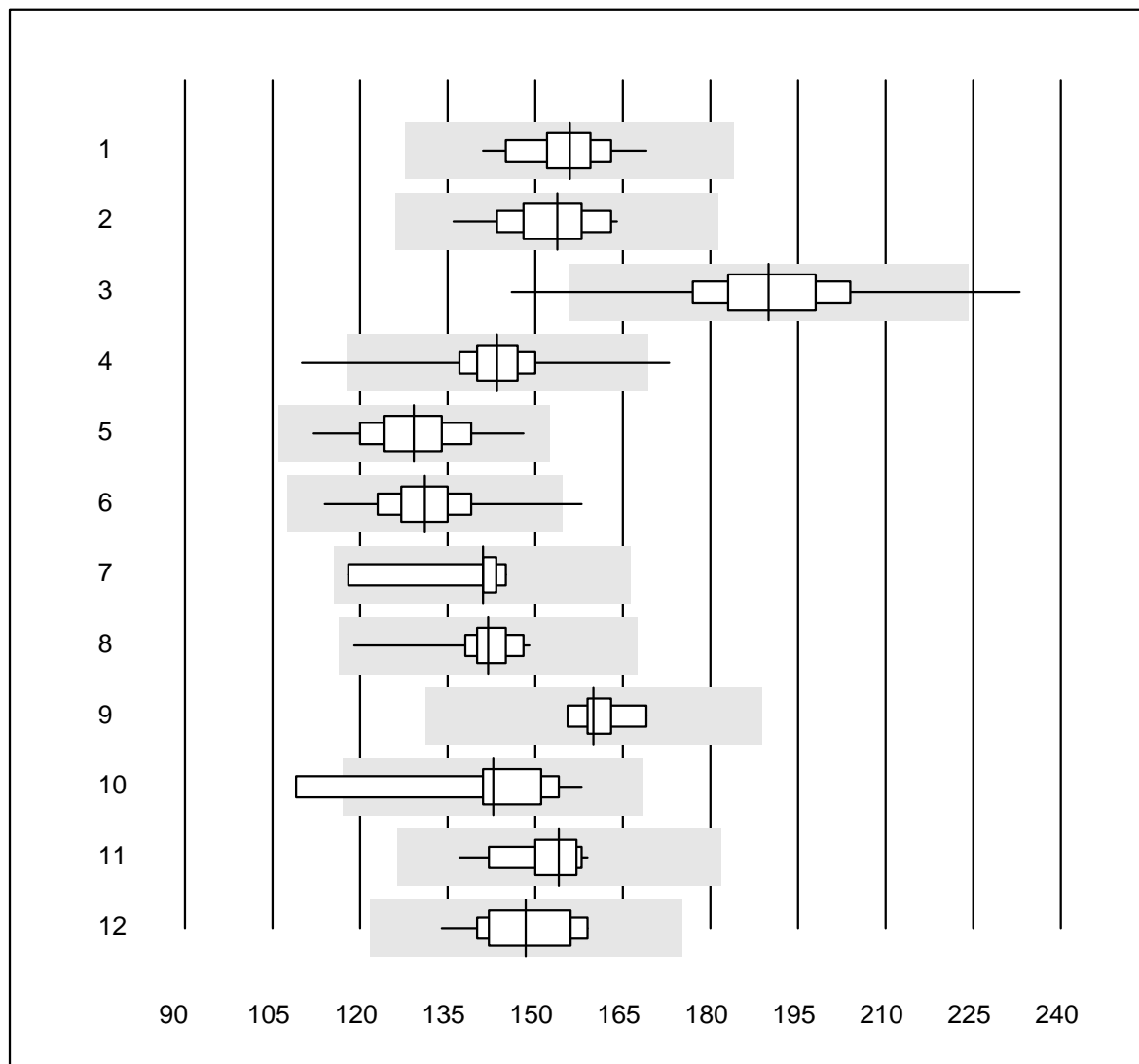


QUALAB tolerance : 12 %

Protein total (g/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	28	100.0	0.0	0.0	54.5	2.5	e
2	Cobas	12	100.0	0.0	0.0	53.2	2.8	e
3	Fuji Dri-Chem	180	98.9	0.0	1.1	55.1	2.3	e
4	Spotchem/Ready	30	96.7	0.0	3.3	54.7	5.0	e
5	Spotchem D-Concept	82	95.1	4.9	0.0	57.3	6.3	e
6	Piccolo	27	100.0	0.0	0.0	54.7	1.8	e
7	Skyla	5	100.0	0.0	0.0	52.0	2.9	e
8	Abx Mira	6	100.0	0.0	0.0	53.4	4.2	e*
9	Hitachi S40/M40	7	100.0	0.0	0.0	57.0	2.9	e
10	Autolyser/DiaSys	4	100.0	0.0	0.0	53.8	4.6	e*

Aspartate aminotransferase

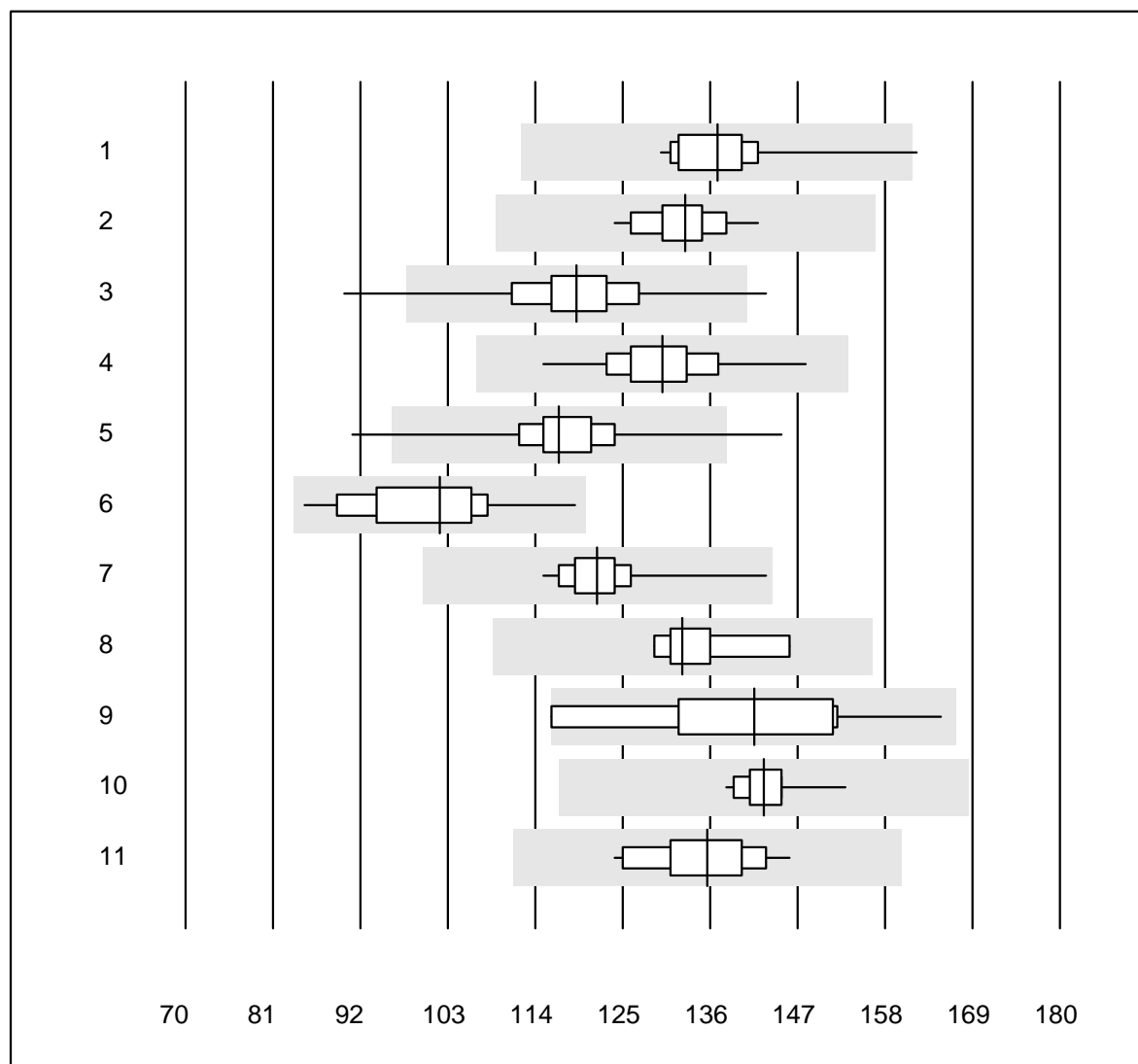


QUALAB tolerance : 18 %

Aspartate aminotransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC with PP	30	100.0	0.0	0.0	156	4.1	e
2	Cobas	11	100.0	0.0	0.0	154	5.4	e
3	Reflotron	803	97.6	0.9	1.5	190	6.0	e
4	Fuji Dri-Chem	795	99.6	0.3	0.1	143	3.9	e
5	Spotchem/Ready	125	100.0	0.0	0.0	129	5.5	e
6	Spotchem D-Concept	202	98.5	1.5	0.0	131	5.1	e
7	IFCC without PP	9	100.0	0.0	0.0	141	5.9	e
8	Piccolo	41	100.0	0.0	0.0	142	3.7	e
9	Skyla	6	100.0	0.0	0.0	160	2.9	e
10	Abx Mira	10	90.0	10.0	0.0	143	9.7	e*
11	Hitachi S40/M40	20	100.0	0.0	0.0	154	3.7	e
12	Autolyser/DiaSys	17	100.0	0.0	0.0	148	5.6	e

Alanine aminotransferase

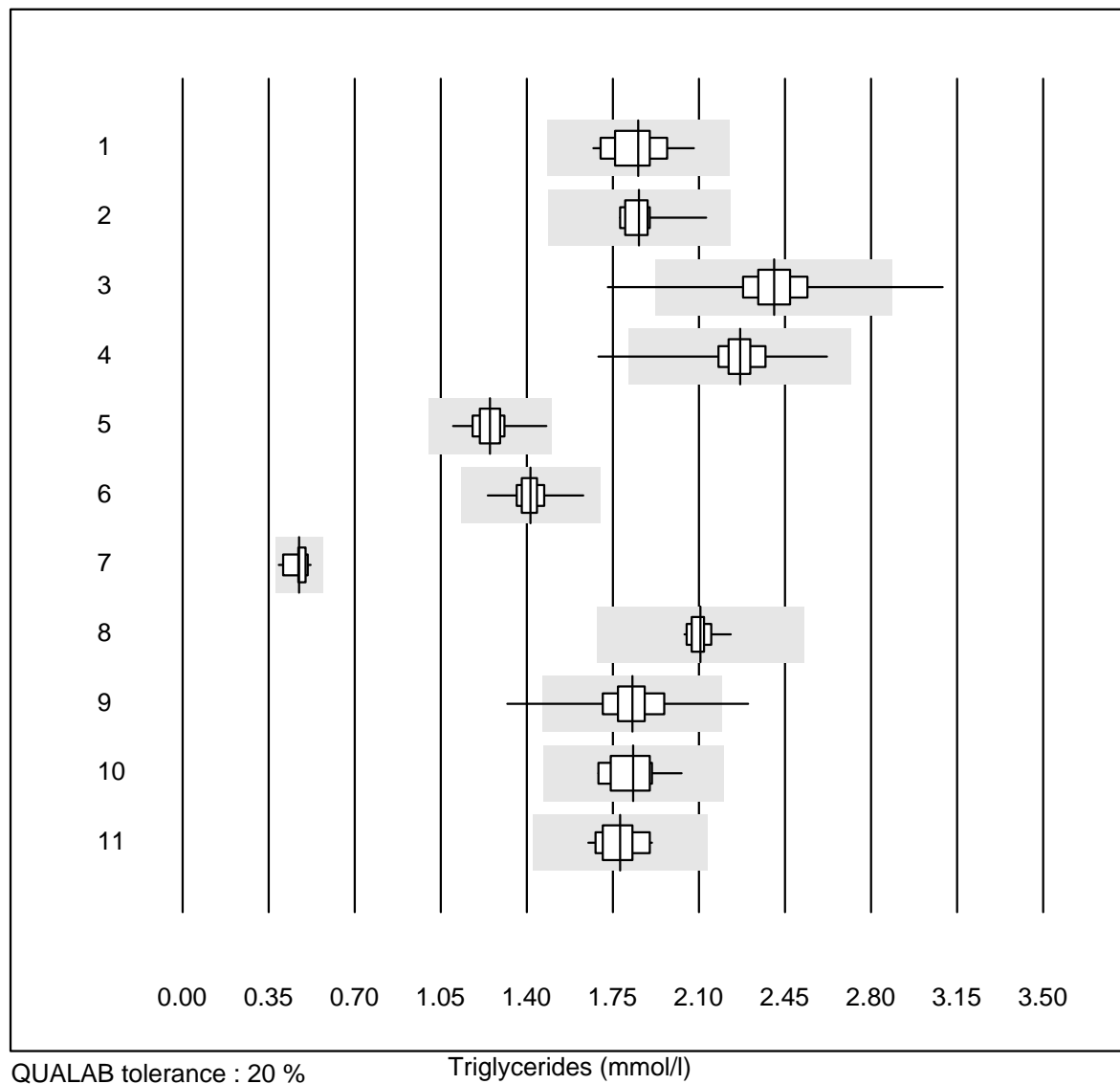


QUALAB tolerance : 18 %

Alanine aminotransferase (U/l)

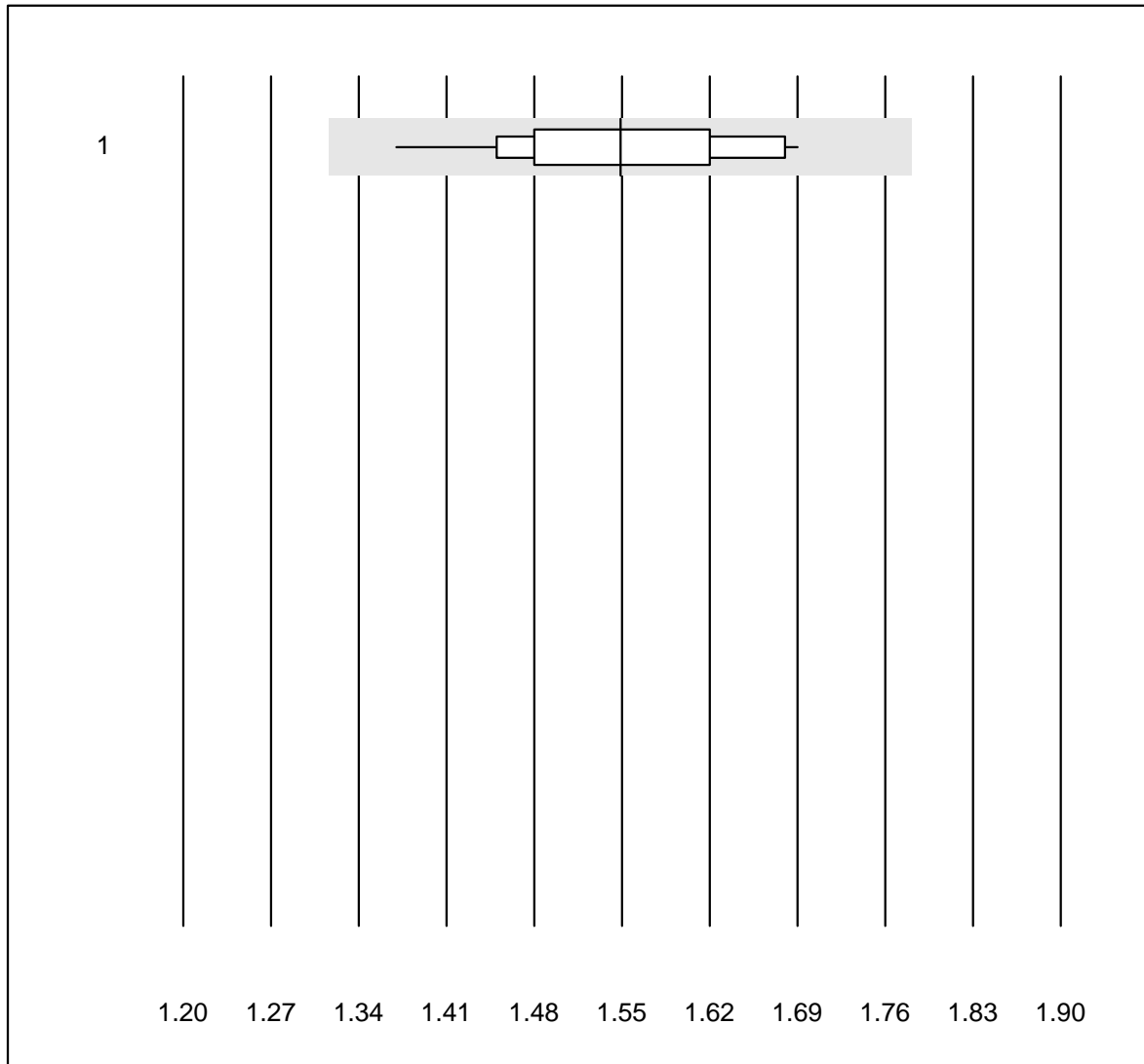
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC with PP	29	96.6	3.4	0.0	137	4.7	e
2	Cobas	20	100.0	0.0	0.0	133	3.5	e
3	Reflotron	834	98.3	1.0	0.7	119	5.6	e
4	Fuji Dri-Chem	813	99.6	0.0	0.4	130	4.0	e
5	Spotchem/Ready	130	97.7	1.5	0.8	117	5.2	e
6	Spotchem D-Concept	206	100.0	0.0	0.0	102	7.3	e
7	Piccolo	42	100.0	0.0	0.0	122	4.0	e
8	Skyla	6	100.0	0.0	0.0	133	4.5	e
9	Abx Mira	10	90.0	10.0	0.0	142	9.6	e*
10	Hitachi S40/M40	20	100.0	0.0	0.0	143	2.2	e
11	Autolyser/DiaSys	17	100.0	0.0	0.0	136	4.7	e

Triglycerides



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	28	100.0	0.0	0.0	1.85	5.4	e
2	Cobas	18	100.0	0.0	0.0	1.86	4.3	e
3	Reflotron	551	97.8	0.9	1.3	2.41	5.2	e
4	Fuji Dri-Chem	709	99.6	0.4	0.0	2.27	3.7	e
5	Spotchem/Ready	108	99.1	0.0	0.9	1.25	5.1	e
6	Spotchem D-Concept	183	97.8	0.0	2.2	1.41	3.4	e
7	Hitachi S40/M40	16	100.0	0.0	0.0	0.47	7.3	e
8	Piccolo	20	100.0	0.0	0.0	2.11	2.1	e
9	Cholestech LDX	178	97.8	1.1	1.1	1.83	5.6	e
10	Abx Mira	10	100.0	0.0	0.0	1.83	5.7	e
11	Autolyser/DiaSys	16	93.7	0.0	6.3	1.78	4.4	e

Lithium

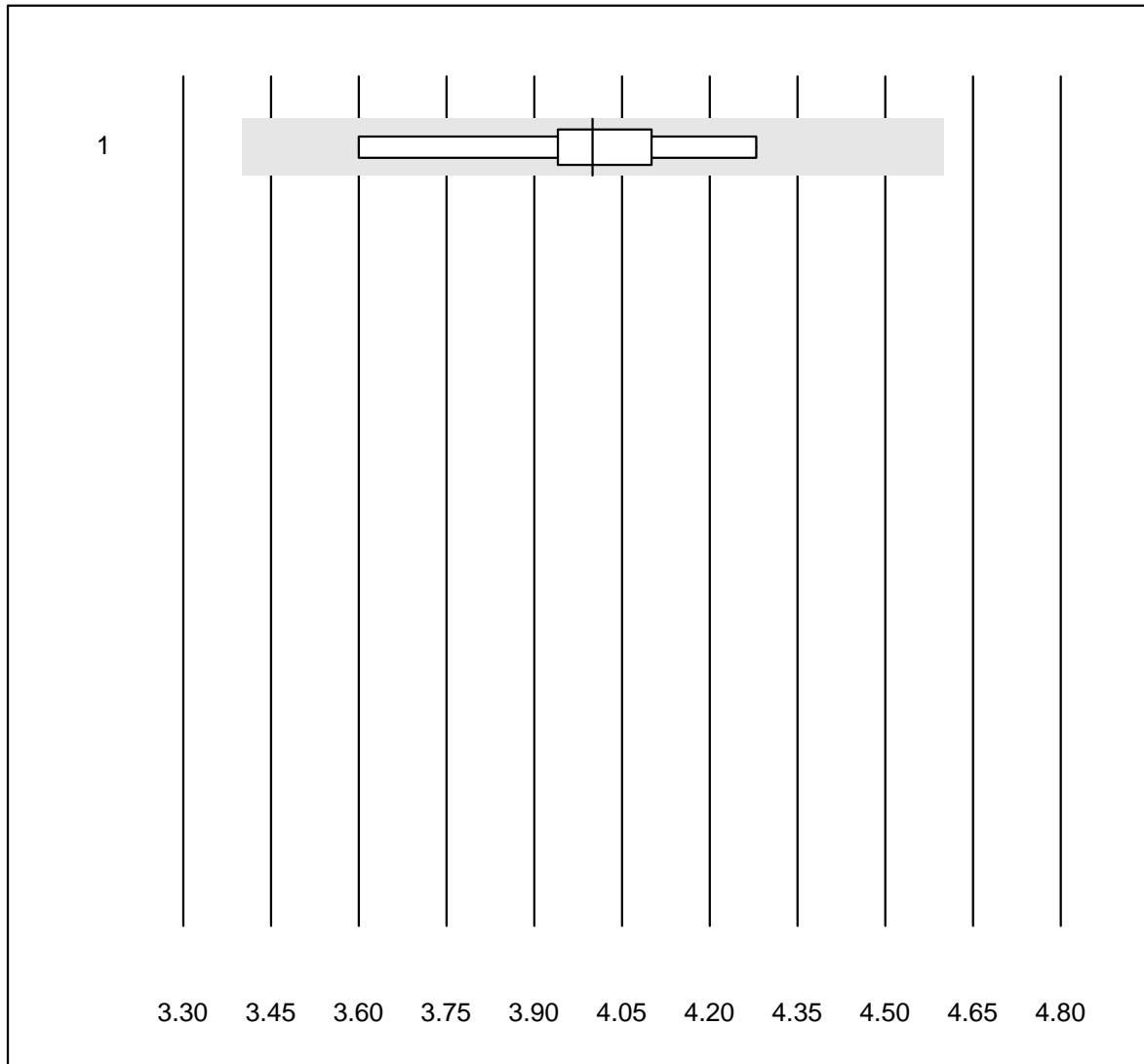


QUALAB tolerance : 15 %

Lithium (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	18	100.0	0.0	0.0	1.55	5.8	e

Lactate

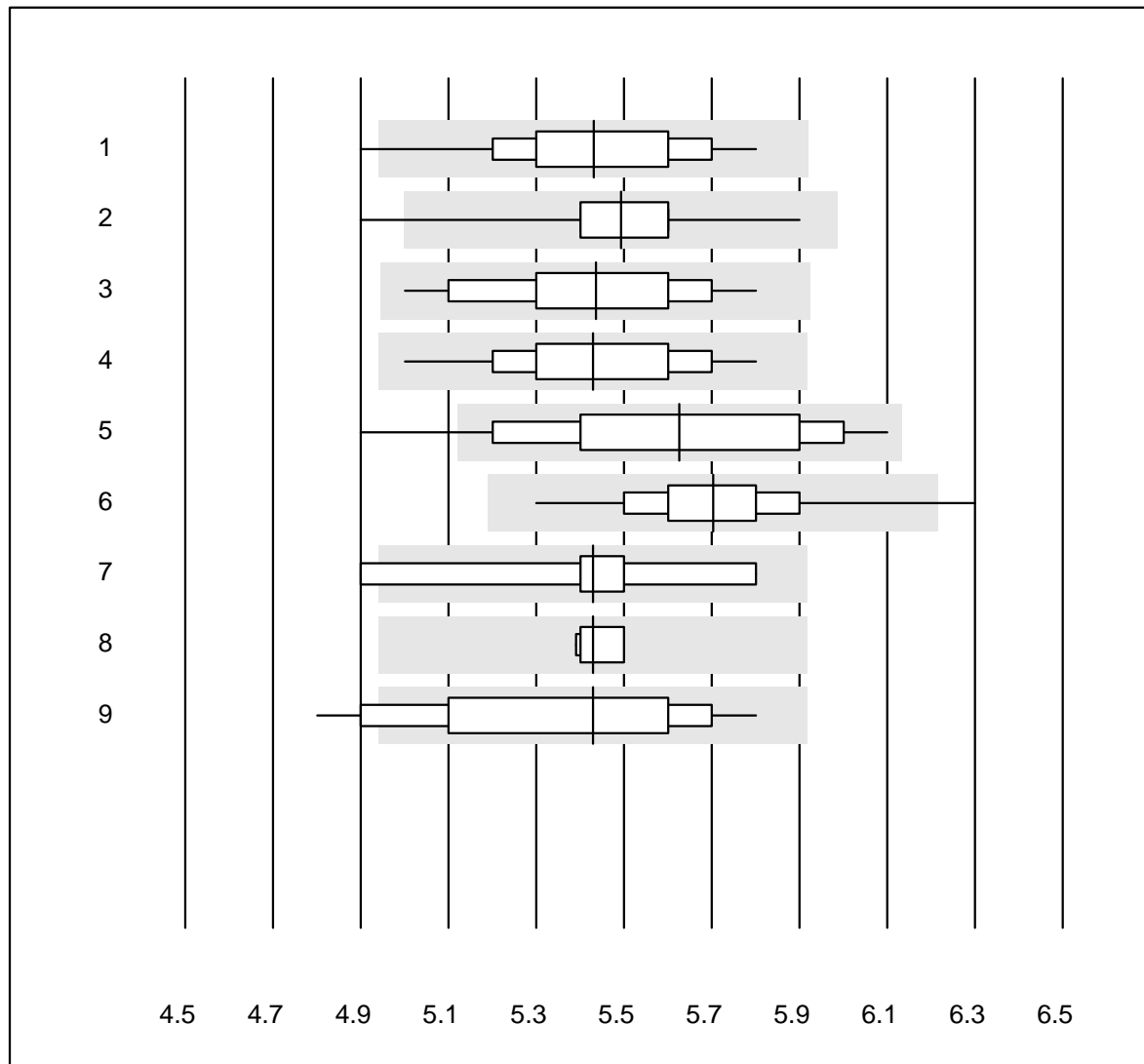


QUALAB tolerance : 15 %

Lactate (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	9	100.0	0.0	0.0	4.00	5.0	e

HbA1c sample A

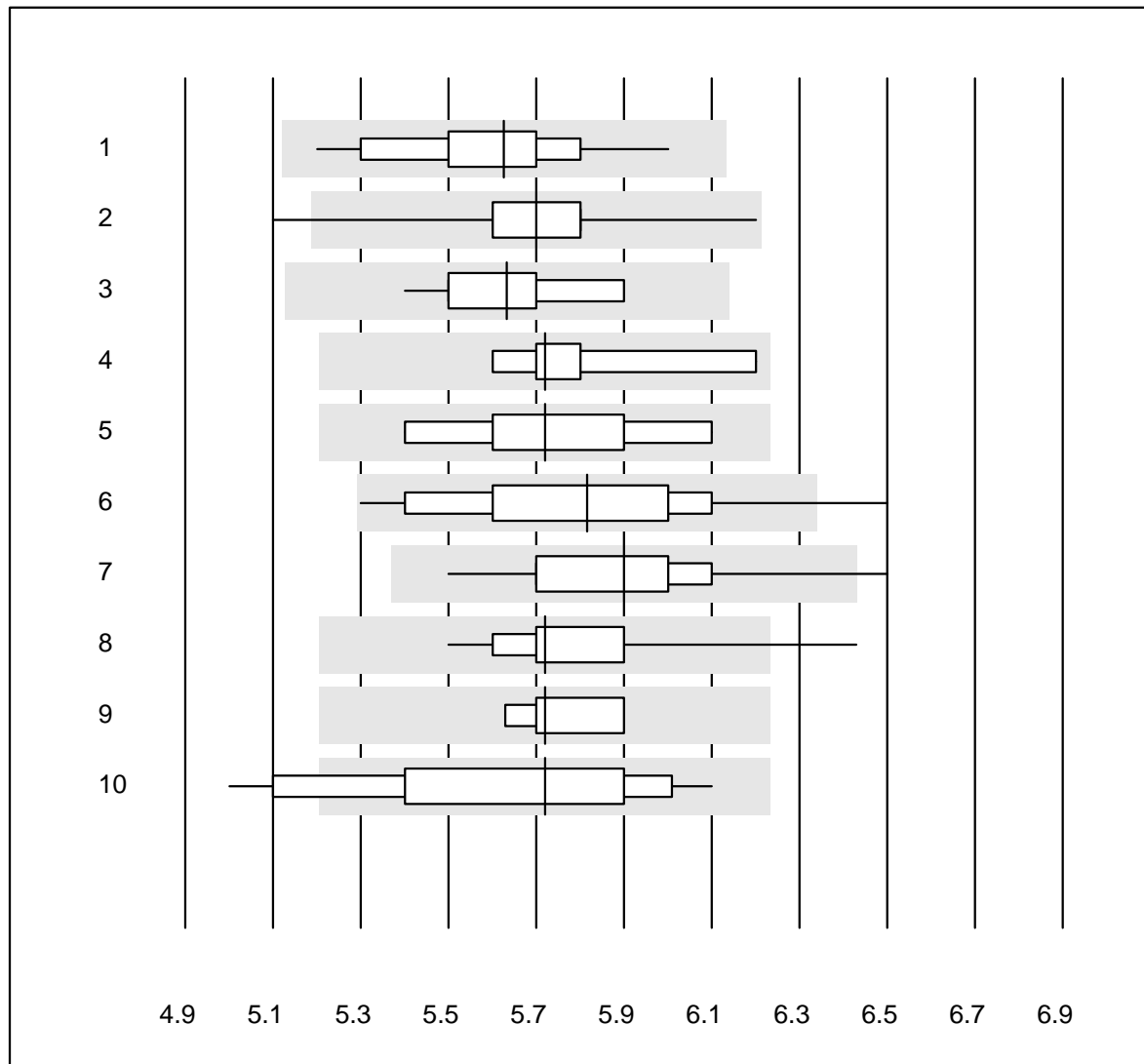


QUALAB tolerance : 9 %

HbA1c sample A (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	46	95.6	2.2	2.2	5.4	3.7	e
2	Afinion	634	99.6	0.2	0.2	5.5	2.2	e
3	Eurolyser	18	94.4	0.0	5.6	5.4	4.1	e
4	Hemocue HbA1c 501	11	100.0	0.0	0.0	5.4	4.4	a
5	NycoCard	76	92.1	6.6	1.3	5.6	5.4	e
6	DCA2000/Vantage	207	98.5	1.0	0.5	5.7	3.1	e
7	Others	9	88.9	11.1	0.0	5.4	4.9	a
8	HPLC	7	85.7	0.0	14.3	5.4	1.0	a
9	Roche, Cobas	13	84.6	15.4	0.0	5.4	5.9	a

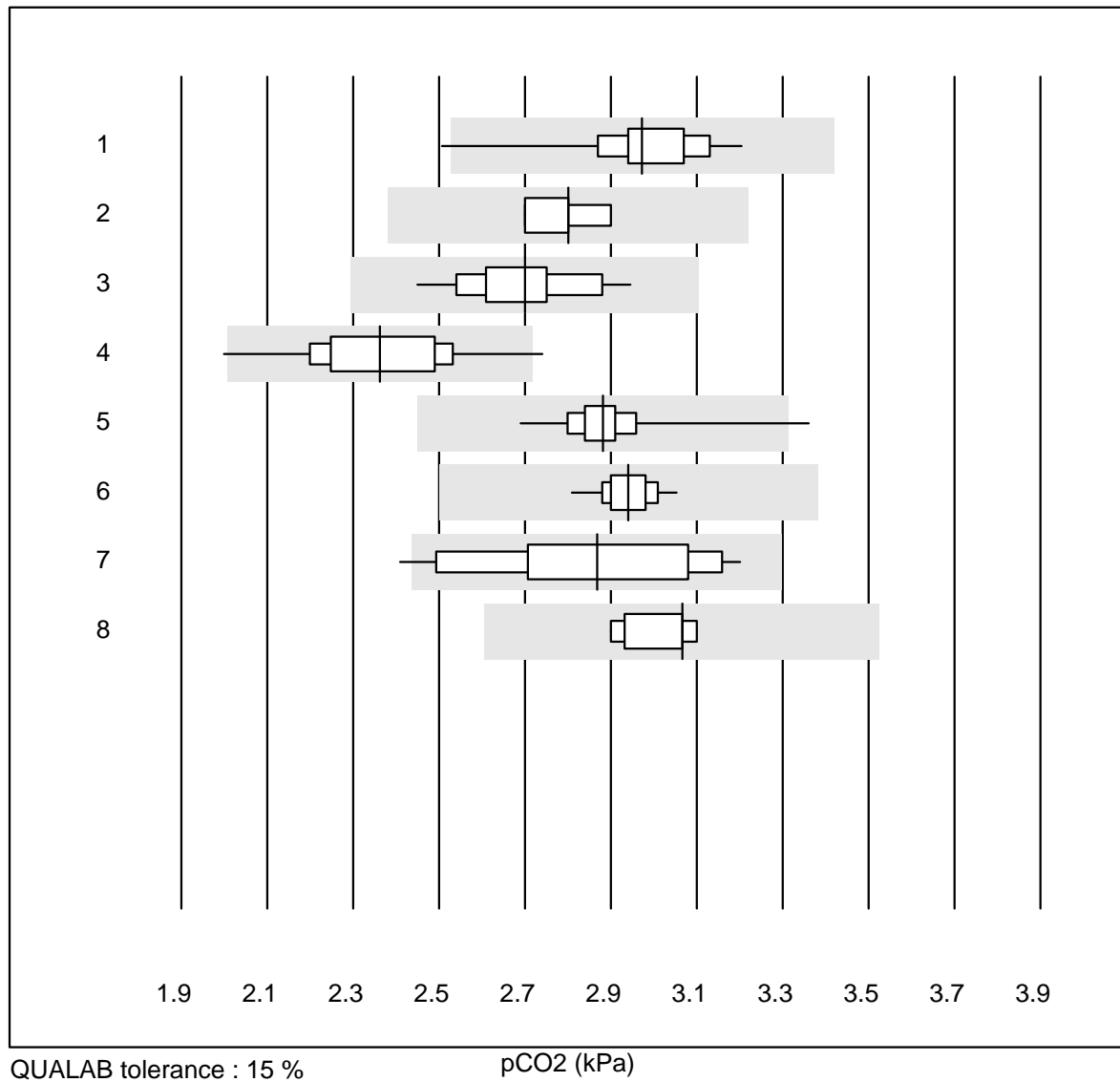
HbA1c sample B



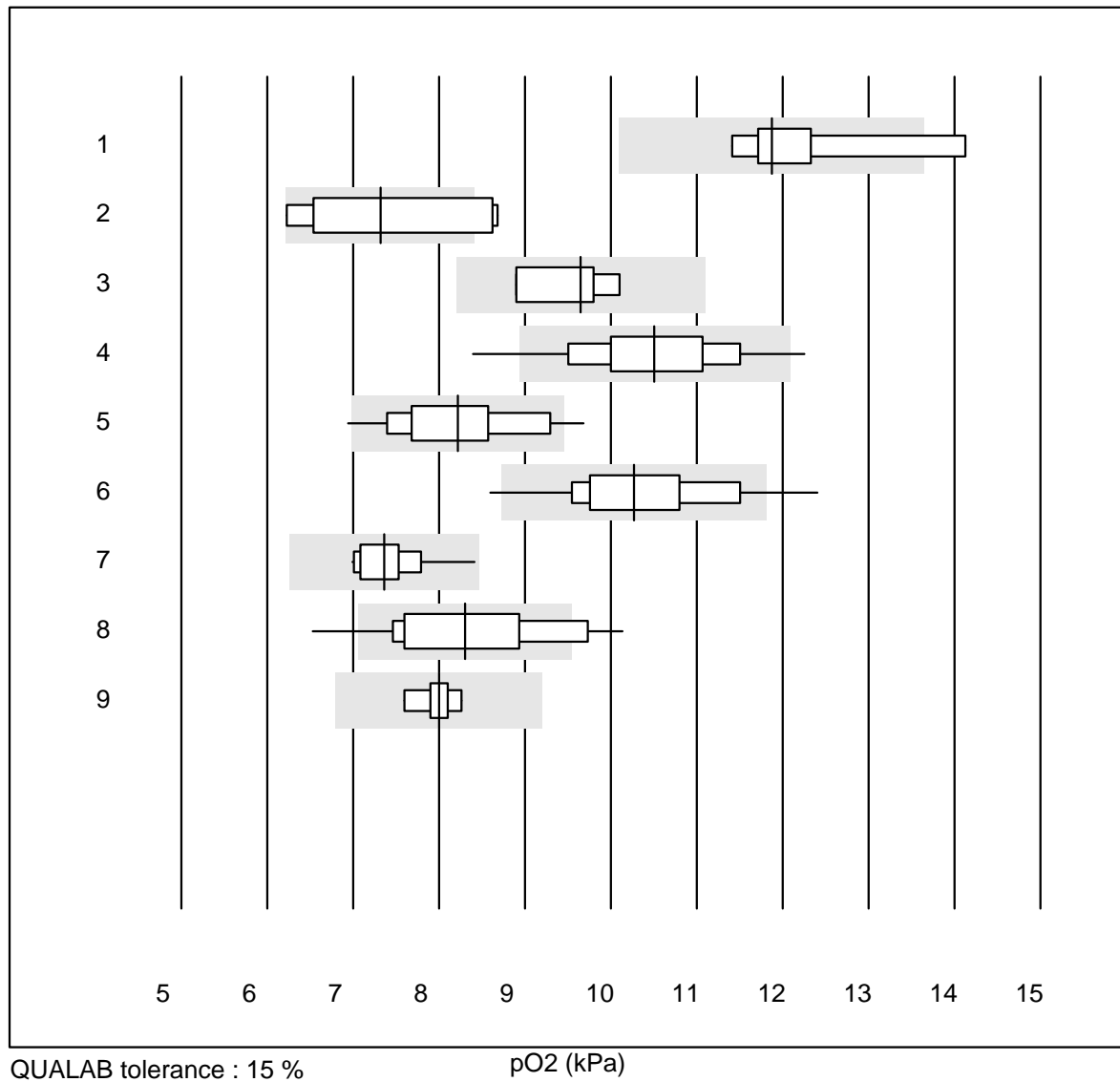
QUALAB tolerance : 9 %

HbA1c sample B (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	34	100.0	0.0	0.0	5.6	3.3	e
2	Afinion	664	99.5	0.2	0.3	5.7	2.0	e
3	Eurolyser	19	94.7	0.0	5.3	5.6	2.4	e
4	A1c Now	5	100.0	0.0	0.0	5.7	3.9	a
5	Hemocue HbA1c 501	6	83.3	0.0	16.7	5.7	4.7	a
6	NycoCard	41	92.7	2.4	4.9	5.8	4.8	e
7	DCA2000/Vantage	231	98.3	0.4	1.3	5.9	3.1	e
8	Others	11	90.9	9.1	0.0	5.7	4.1	a
9	HPLC	8	87.5	0.0	12.5	5.7	1.8	a
10	Roche, Cobas	16	81.2	12.5	6.3	5.7	5.9	a

pCO₂

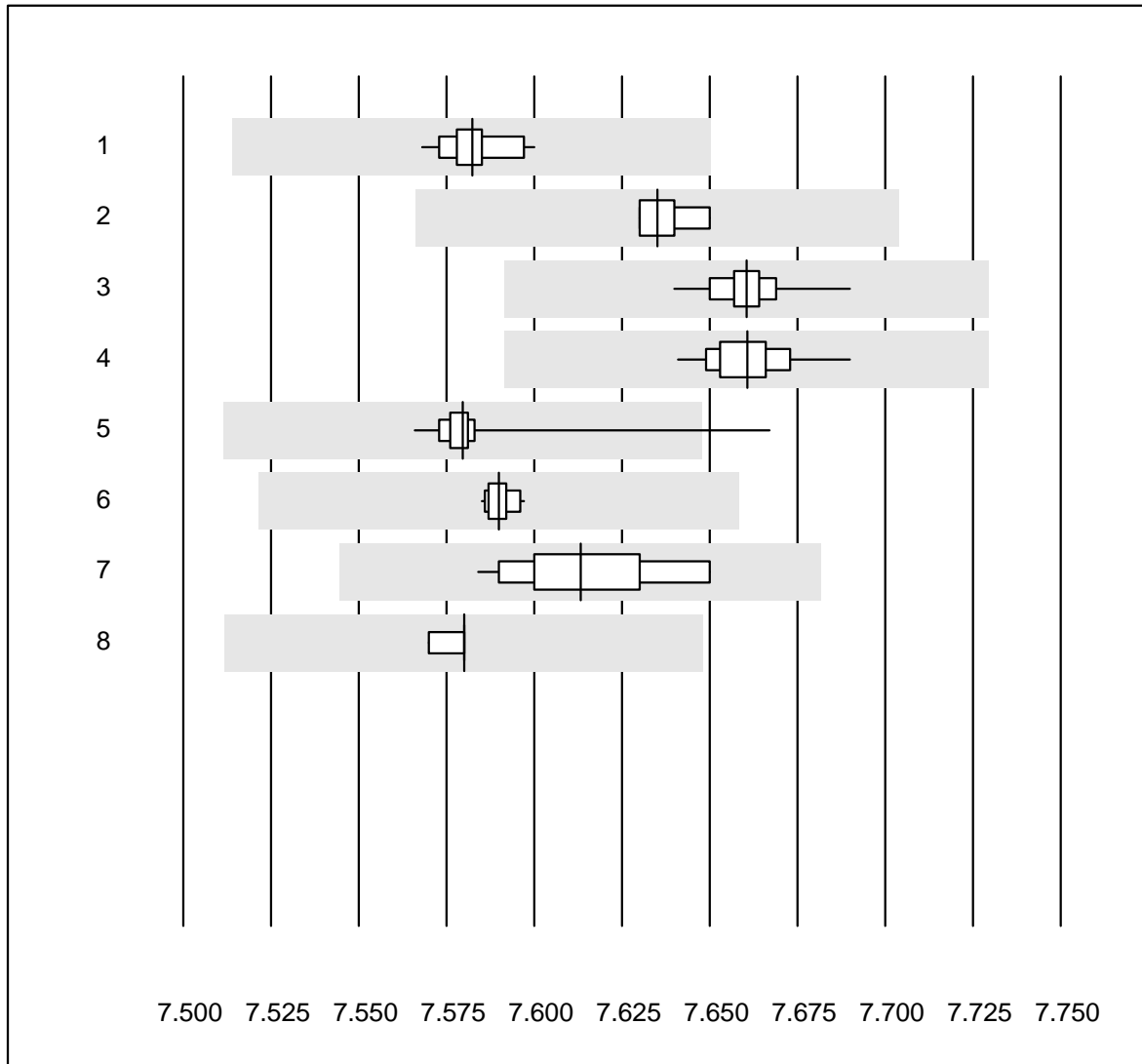
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Cobas	22	95.5	4.5	0.0	2.97	5.4	e
2 IL	4	100.0	0.0	0.0	2.80	2.9	e
3 iStat	39	97.4	0.0	2.6	2.70	4.5	e
4 EPOC	37	81.1	5.4	13.5	2.36	6.6	e
5 ABL700/800	79	97.4	1.3	1.3	2.88	2.8	e
6 ABL 90	35	100.0	0.0	0.0	2.94	1.9	e
7 ABL 80 / Coox	26	96.2	3.8	0.0	2.87	8.2	e
8 ABL 5	5	100.0	0.0	0.0	3.07	3.0	e

pO₂

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b221	9	88.9	11.1	0.0	11.87	6.7	e*
2	Cobas b121/123	9	55.6	22.2	22.2	7.32	13.9	e*
3	IL	4	100.0	0.0	0.0	9.65	5.4	e*
4	iStat	39	82.0	7.7	10.3	10.51	7.9	e
5	EPOC	37	73.0	5.4	21.6	8.22	8.0	e
6	ABL700/800	79	87.4	6.3	6.3	10.27	7.6	e
7	ABL 90	35	85.7	0.0	14.3	7.36	5.0	e
8	ABL 80 / Coox	26	65.4	15.4	19.2	8.30	11.1	e*
9	ABL 5	5	100.0	0.0	0.0	8.00	3.1	e

K04 Blood gases and oxymetrie

pH

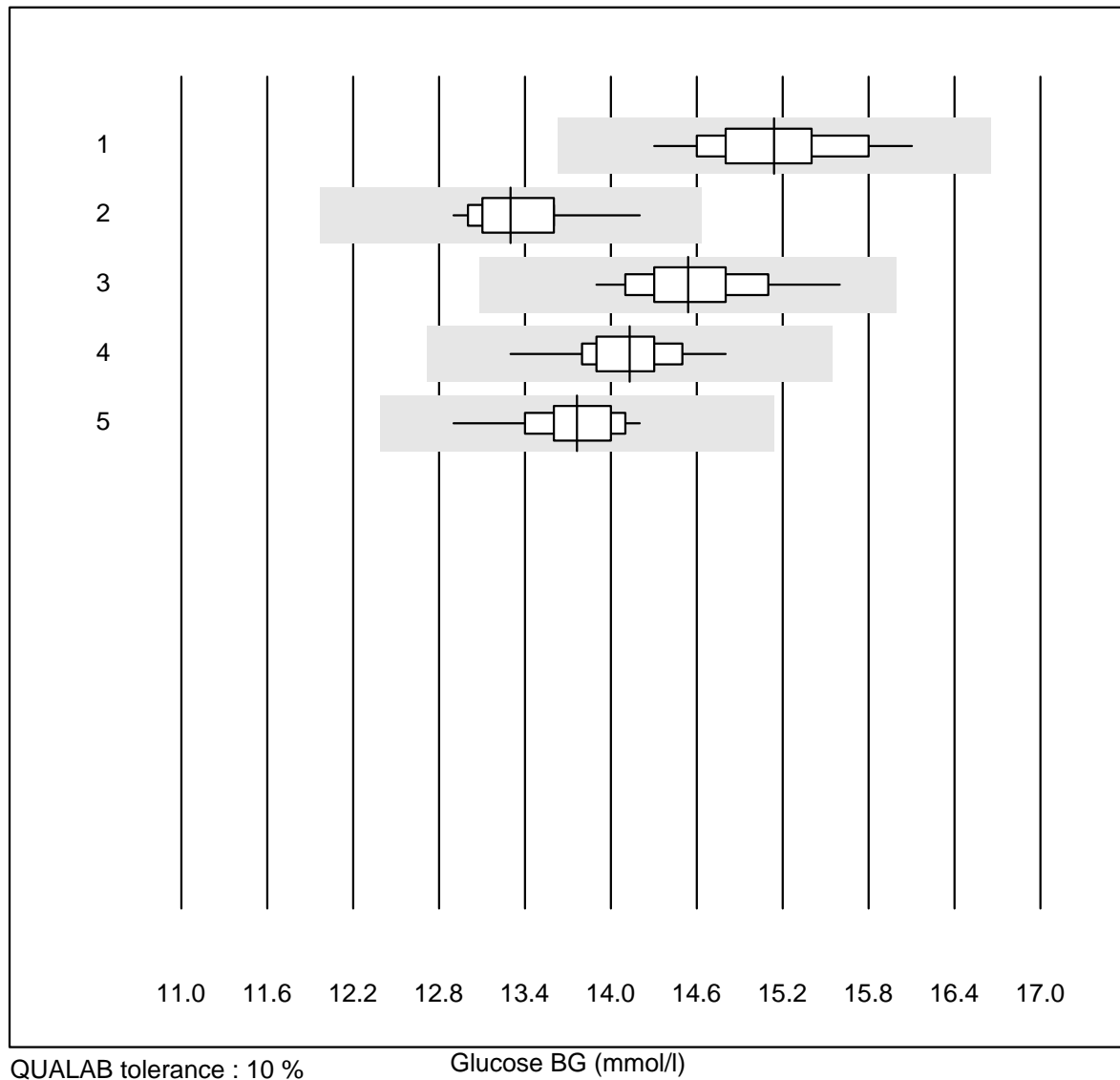


QUALAB tolerance : 1 %

pH ()

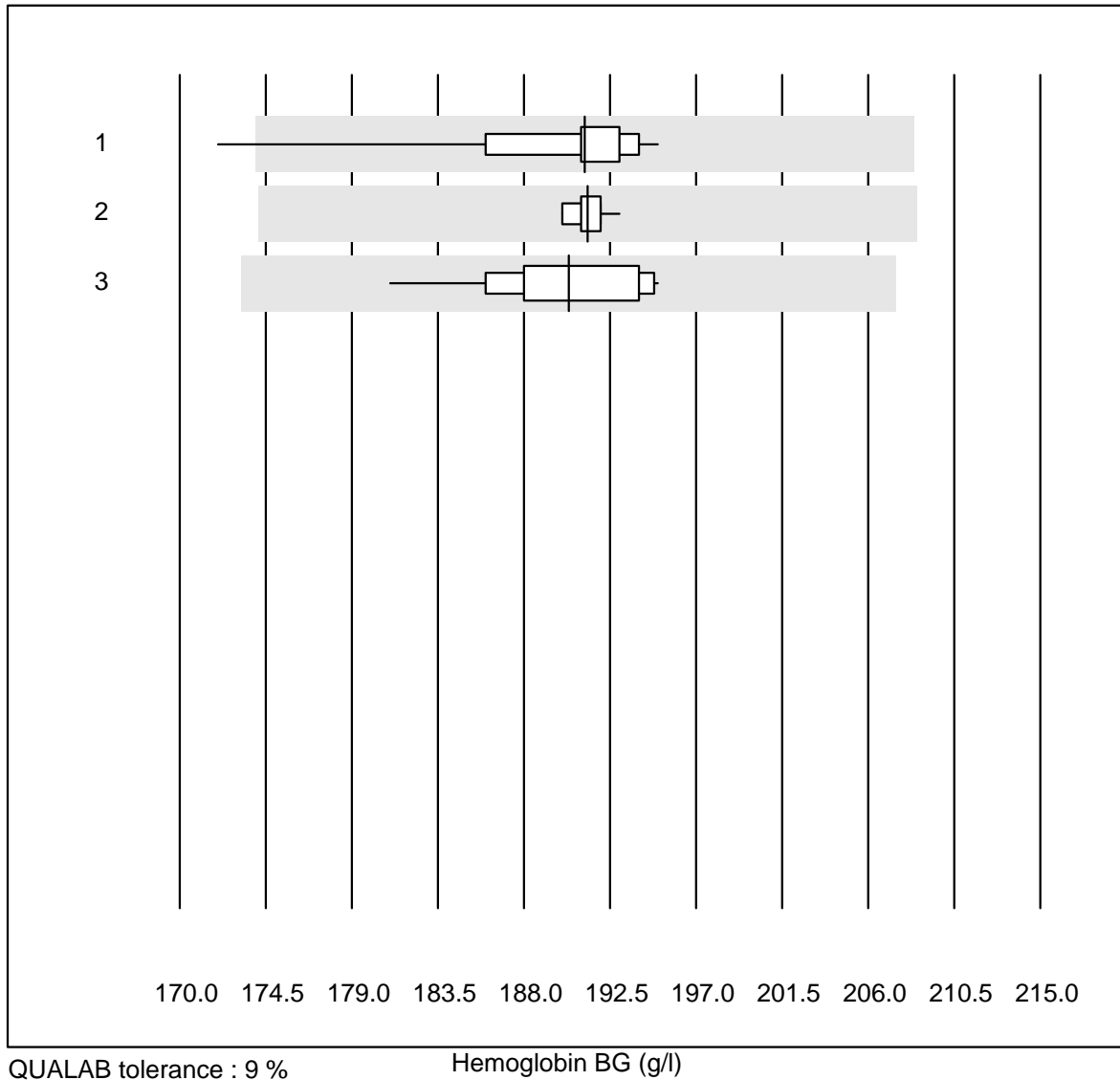
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Cobas	21	100.0	0.0	0.0	7.58	0.1	e
2 IL	4	100.0	0.0	0.0	7.64	0.1	e
3 iStat	40	97.5	0.0	2.5	7.66	0.1	e
4 EPOC	37	100.0	0.0	0.0	7.66	0.1	e
5 ABL700/800	80	98.7	1.3	0.0	7.58	0.1	e
6 ABL 90	35	100.0	0.0	0.0	7.59	0.0	e
7 ABL 80 / Coox	26	100.0	0.0	0.0	7.61	0.3	e
8 ABL 5	5	100.0	0.0	0.0	7.58	0.1	e

Glucose BG



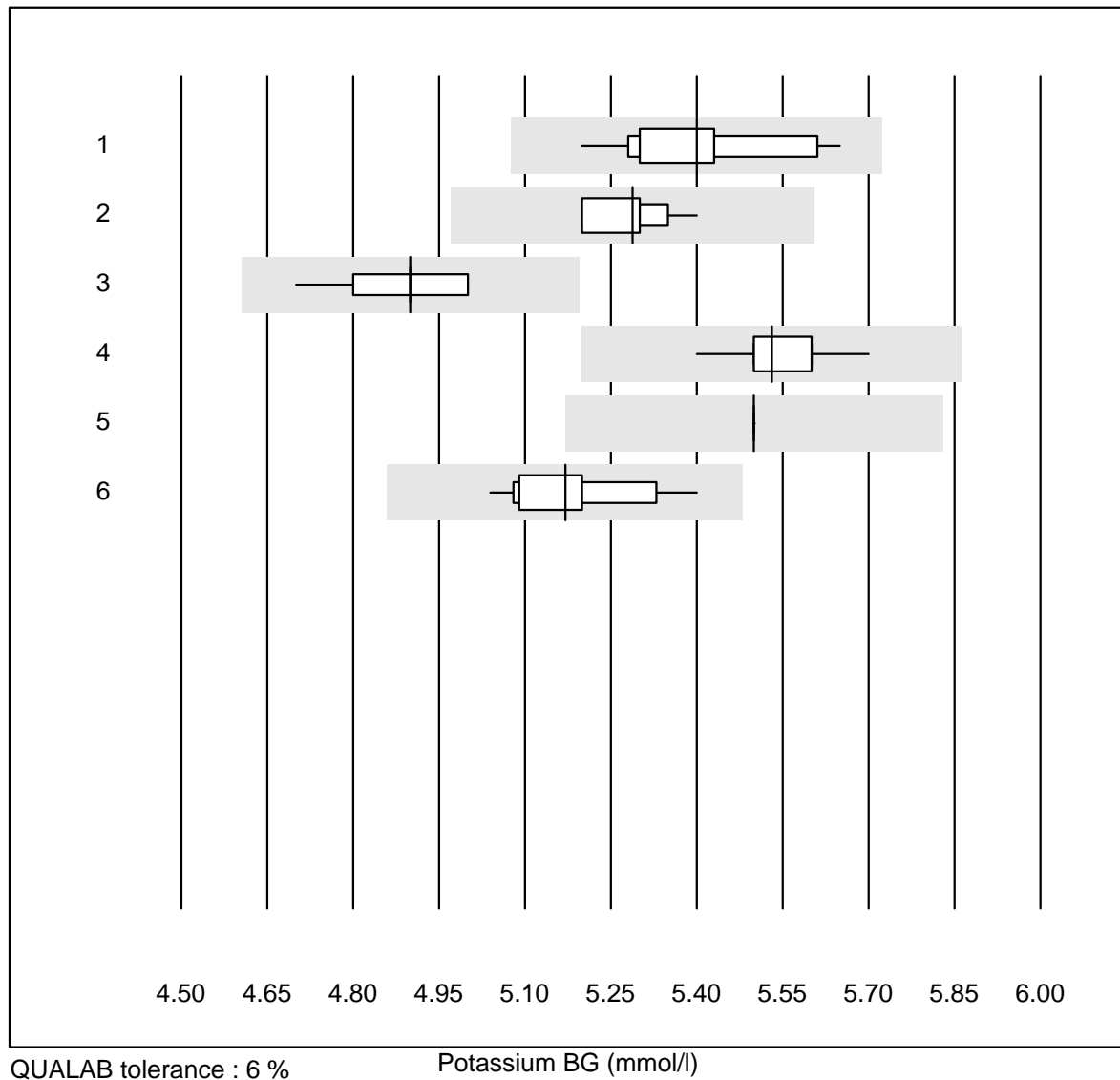
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Cobas	13	100.0	0.0	0.0	15.1	3.4	e
2 iStat	11	100.0	0.0	0.0	13.3	2.8	e
3 EPOC	26	100.0	0.0	0.0	14.5	2.8	e
4 ABL700/800	67	98.5	0.0	1.5	14.1	2.1	e
5 ABL 90	36	100.0	0.0	0.0	13.8	2.1	e

Hemoglobin BG



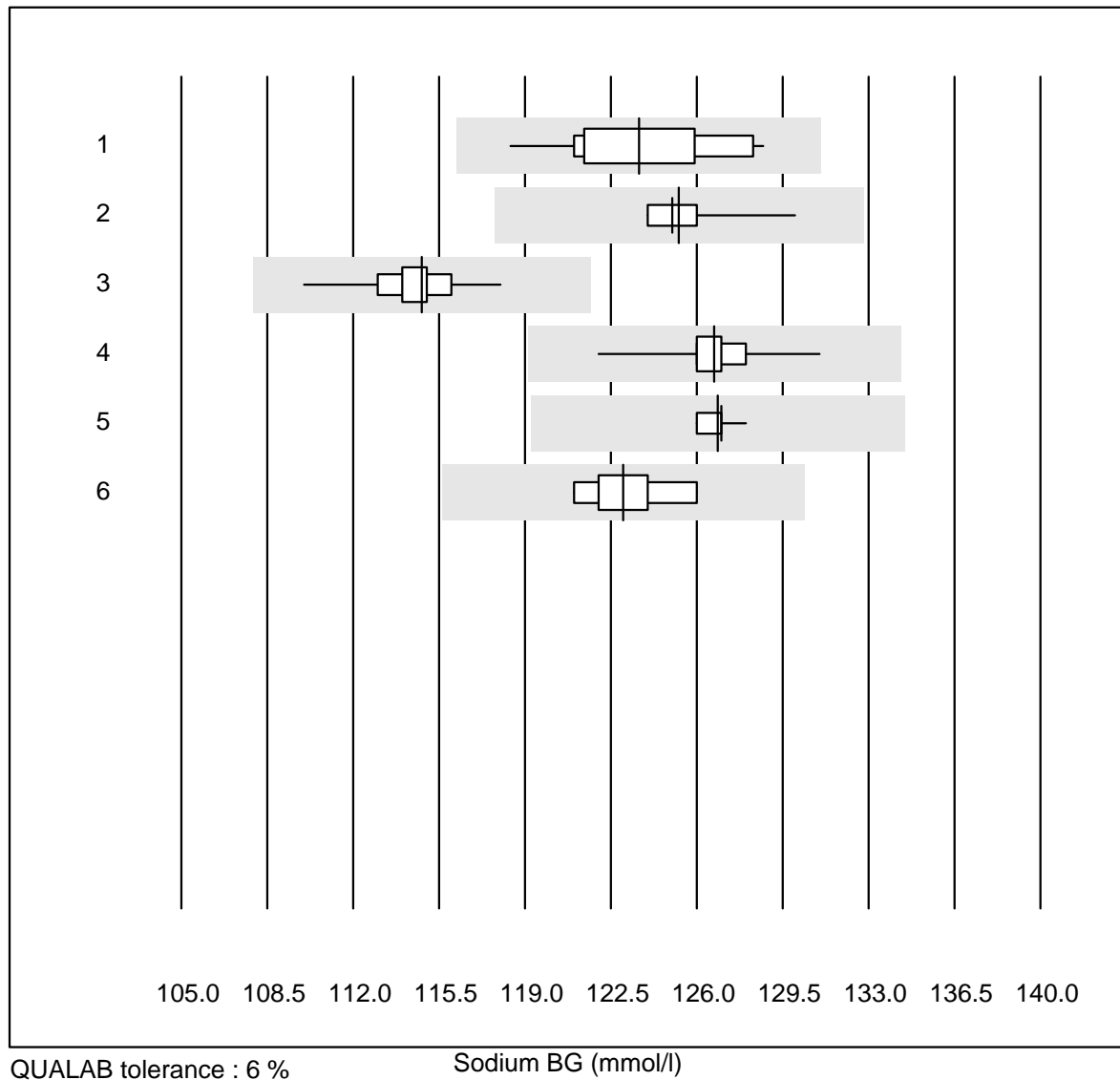
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	68	98.5	1.5	0.0	191.2	2.2	e
2	ABL 90	34	100.0	0.0	0.0	191.3	0.4	e
3	ABL 80 / Coox	18	94.4	0.0	5.6	190.3	2.0	e

Potassium BG



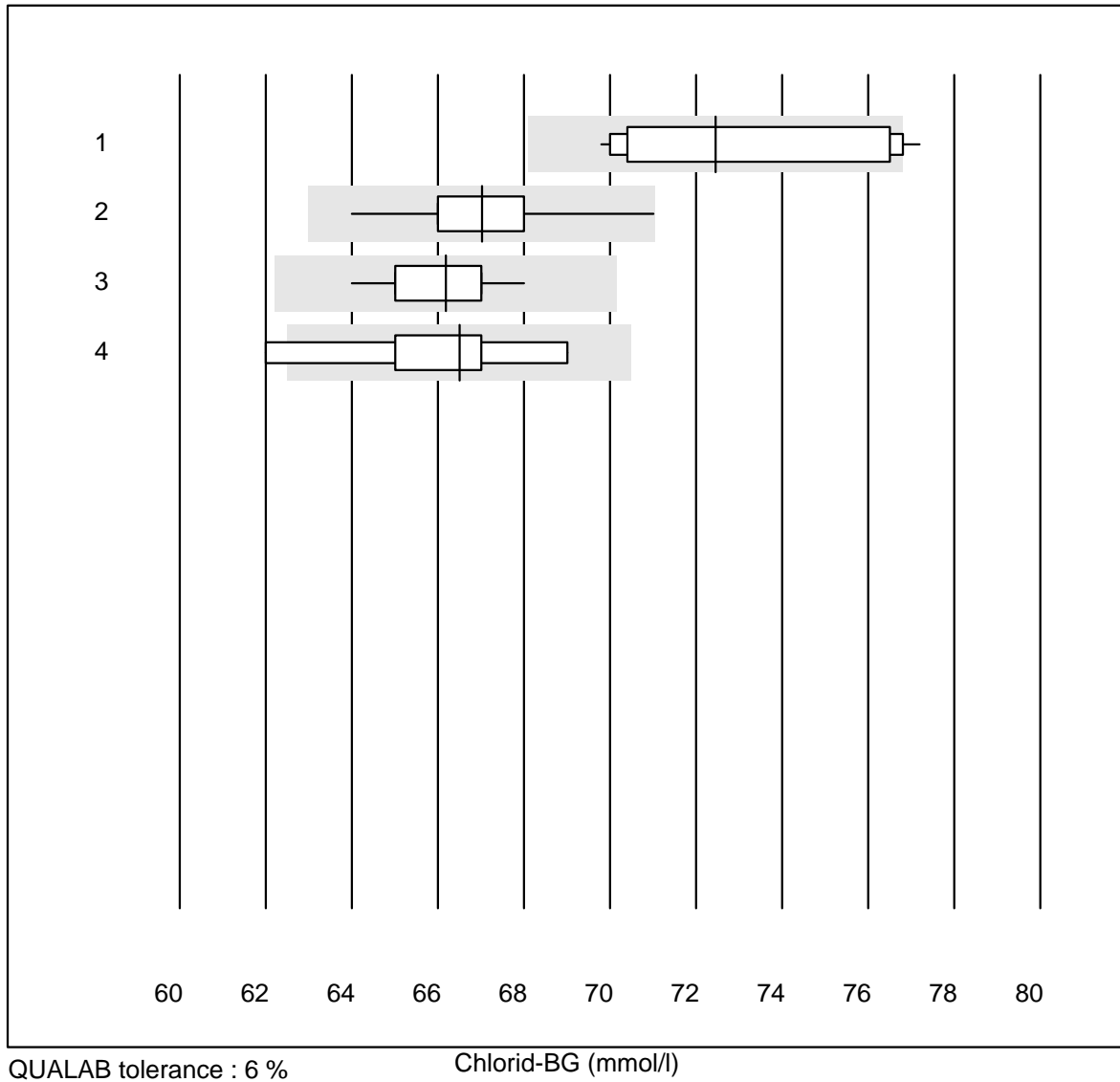
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	21	100.0	0.0	0.0	5.4	2.5	e
2	iStat	20	100.0	0.0	0.0	5.3	1.1	e
3	EPOC	30	96.7	0.0	3.3	4.9	1.5	e
4	ABL700/800	69	98.6	0.0	1.4	5.5	1.1	e
5	ABL 90	35	100.0	0.0	0.0	5.5	0.0	e
6	ABL 80 / Coox	11	100.0	0.0	0.0	5.2	2.2	e

Sodium BG



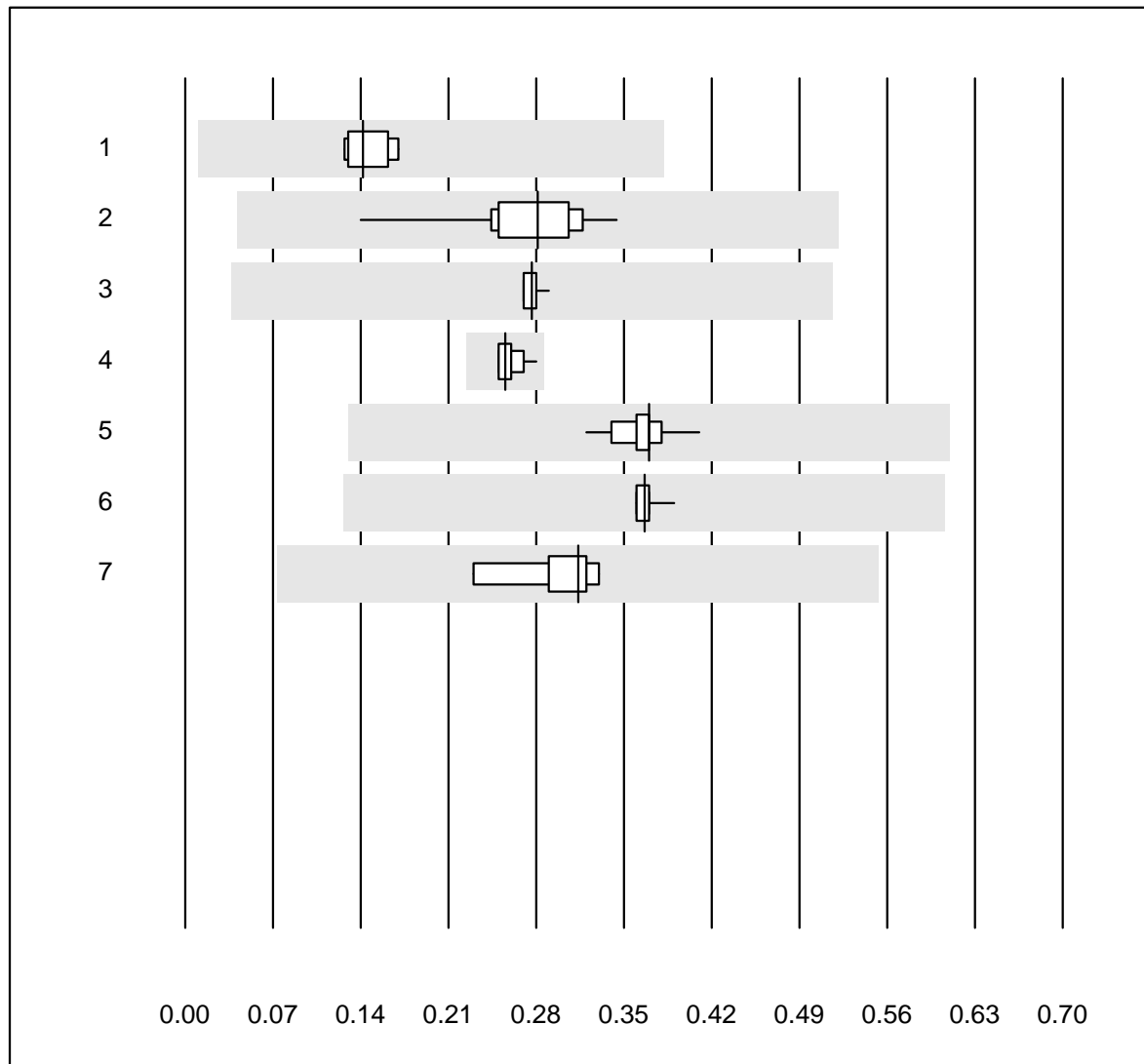
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Cobas	22	100.0	0.0	0.0	123.6	2.4	e
2 iStat	20	100.0	0.0	0.0	125.3	1.1	e
3 EPOC	29	100.0	0.0	0.0	114.8	1.3	e
4 ABL700/800	67	98.5	0.0	1.5	126.7	0.9	e
5 ABL 90	35	100.0	0.0	0.0	126.9	0.4	e
6 ABL 80 / Coox	9	100.0	0.0	0.0	123.0	1.3	e

Chlorid-BG



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Cobas	11	90.9	9.1	0.0	72.5	4.0	e*
2 ABL700/800	59	98.3	0.0	1.7	67.0	2.0	e
3 ABL 90	34	100.0	0.0	0.0	66.2	1.6	e
4 ABL 80 / Coox	8	62.5	12.5	25.0	66.5	3.6	e*

Calcium-BG

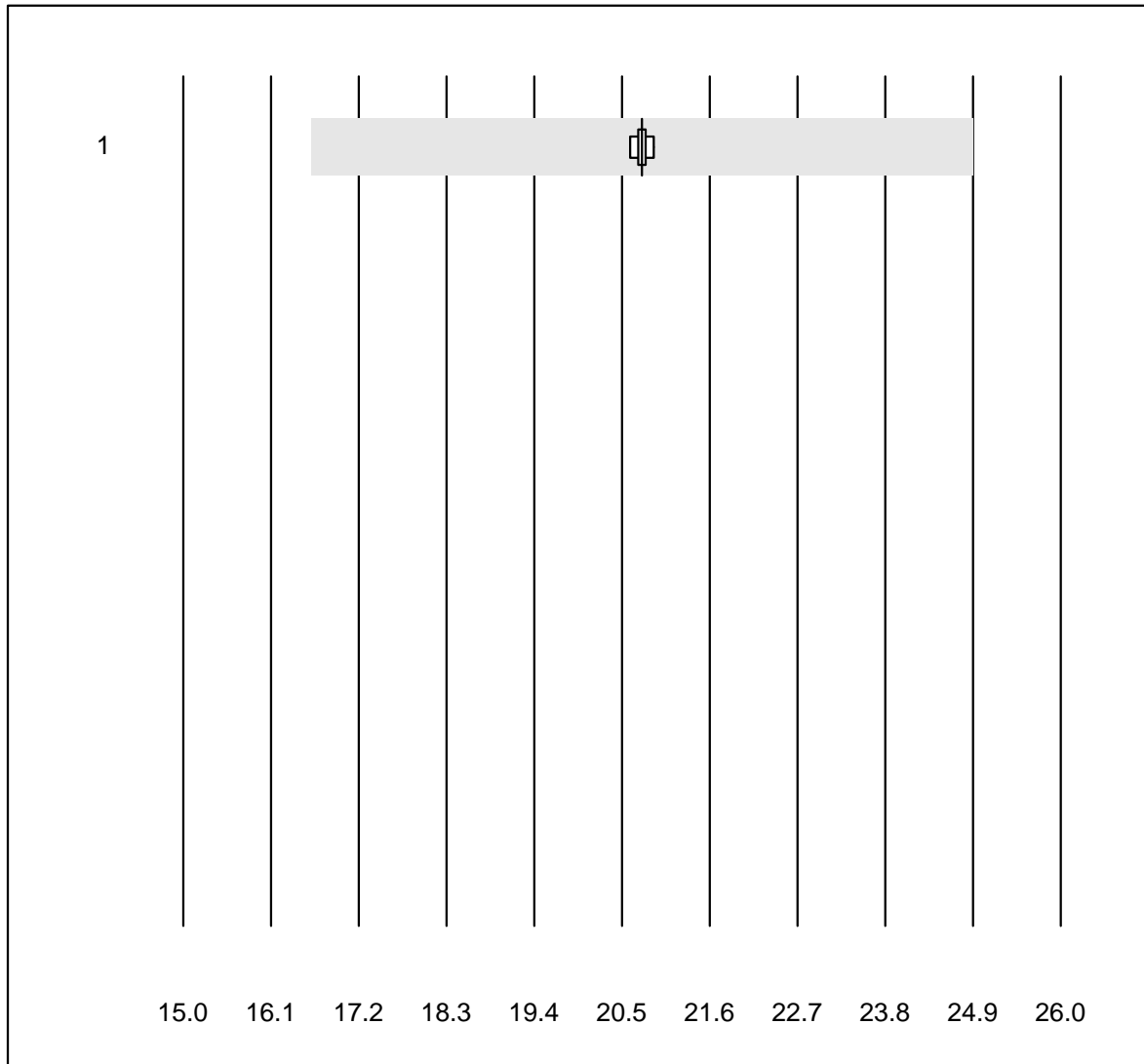


QUALAB tolerance : 12 %
(< 2.00: +/- 0.24 mmol/l)

Calcium-BG (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b123	6	100.0	0.0	0.0	0.14	12.3	e*
2	Cobas	14	100.0	0.0	0.0	0.28	17.5	e*
3	iStat	11	100.0	0.0	0.0	0.28	2.4	e
4	EPOC	29	96.6	0.0	3.4	0.26	3.1	e
5	ABL700/800	68	98.5	0.0	1.5	0.37	4.9	e
6	ABL 90	35	100.0	0.0	0.0	0.37	1.9	e
7	ABL 80 / Coox	10	100.0	0.0	0.0	0.31	11.3	e*

FHHb

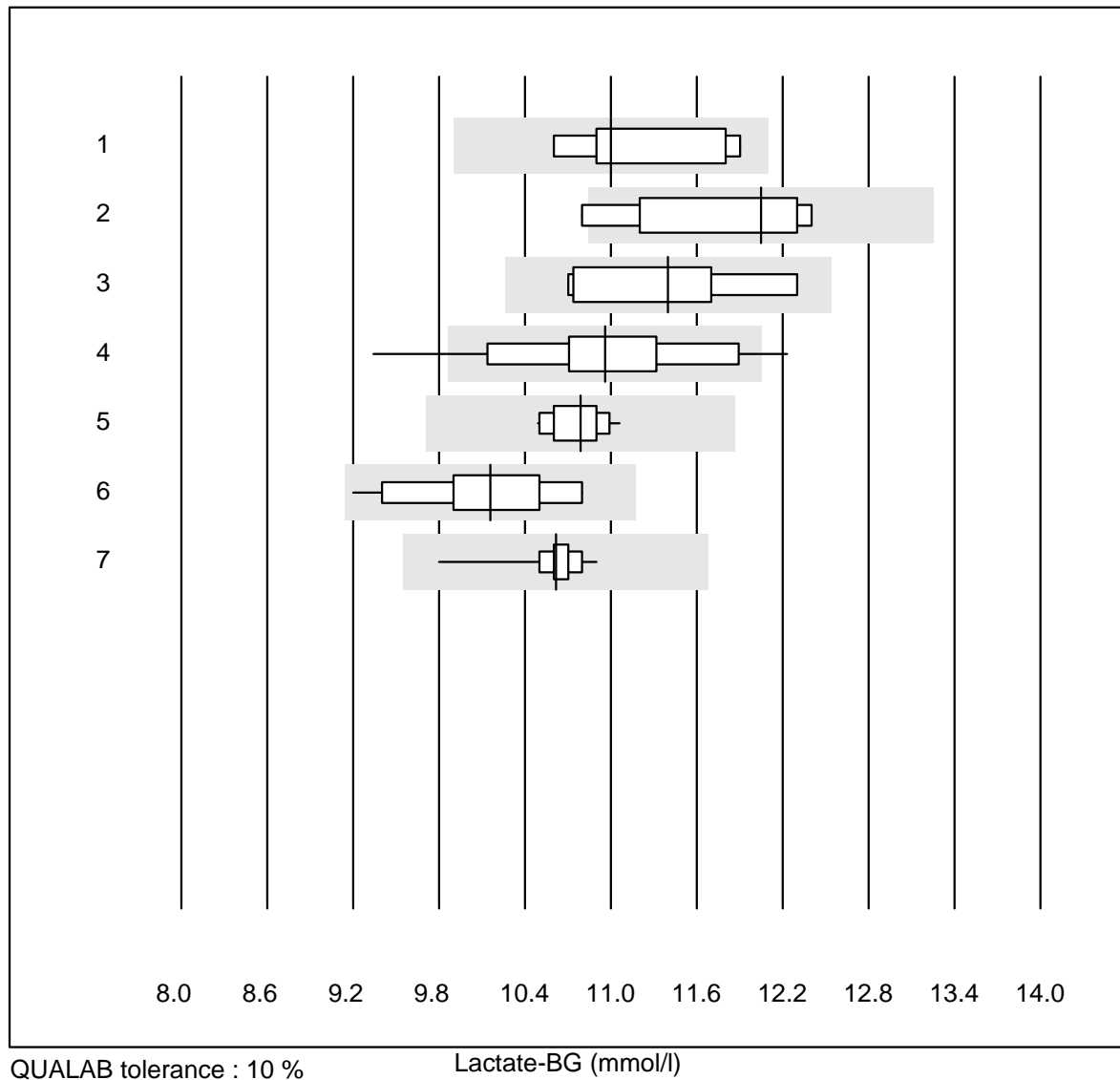


QUALAB tolerance : 20 %

FHHb (%)

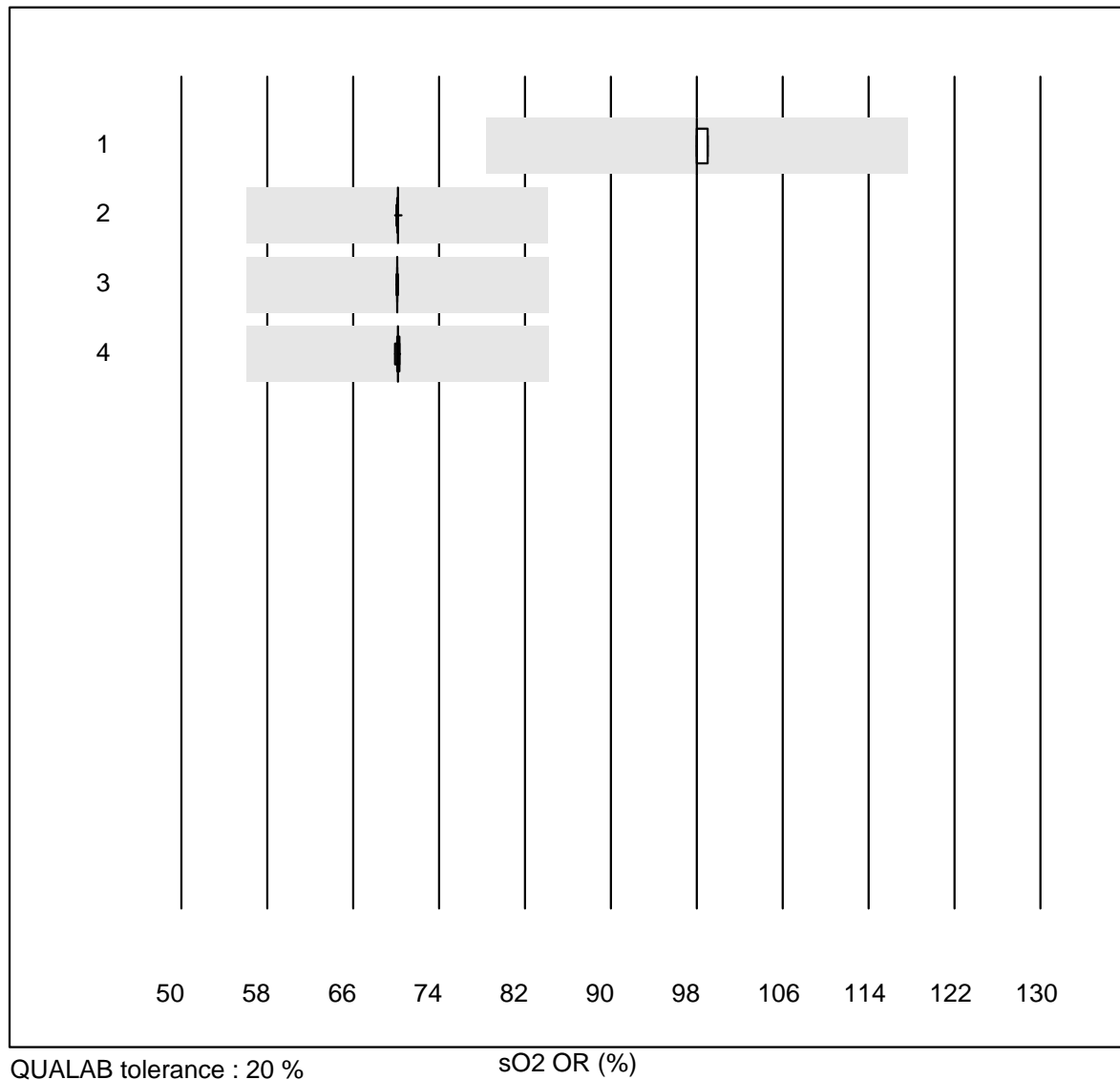
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ABL 80 / Coox	6	100.0	0.0	0.0	20.750	0.5	e

Lactate-BG



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b123	7	100.0	0.0	0.0	11.00	4.4	e*
2	Cobas	6	83.3	16.7	0.0	12.05	5.5	e*
3	IL	5	100.0	0.0	0.0	11.40	5.9	e*
4	EPOC	31	74.1	6.5	19.4	10.96	5.9	e
5	iStat	11	100.0	0.0	0.0	10.79	1.7	e
6	ABL700/800	72	98.6	0.0	1.4	10.16	4.5	e
7	ABL 90	36	100.0	0.0	0.0	10.62	1.9	e

sO2 OR

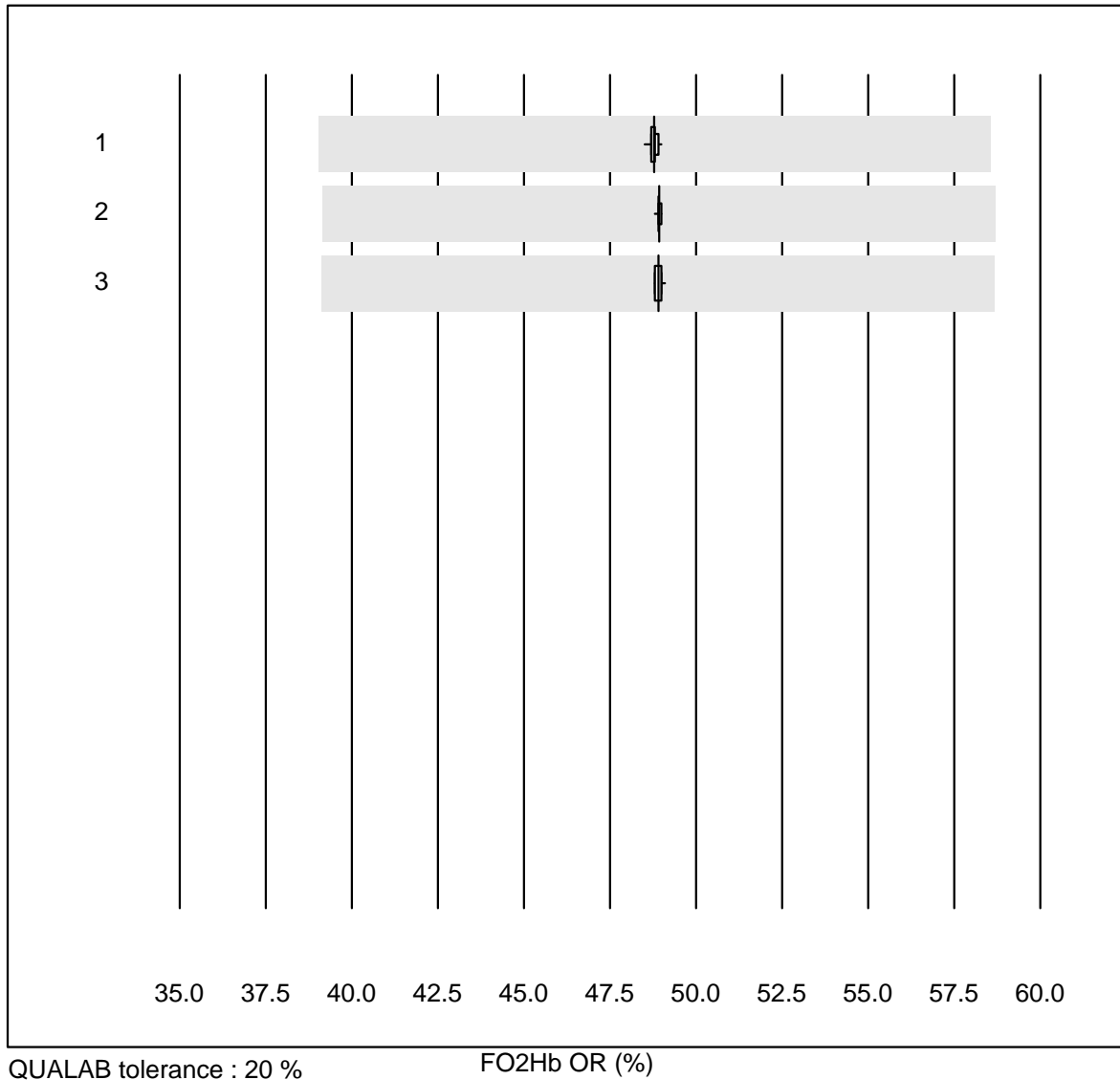


QUALAB tolerance : 20 %

sO2 OR (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	iStat	7	100.0	0.0	0.0	98.000	0.5	e
2	ABL700/800	55	100.0	0.0	0.0	70.144	0.1	e
3	ABL 90	31	100.0	0.0	0.0	70.103	0.1	e
4	ABL 80 / Coox	16	87.5	0.0	12.5	70.171	0.2	e

FO2Hb OR

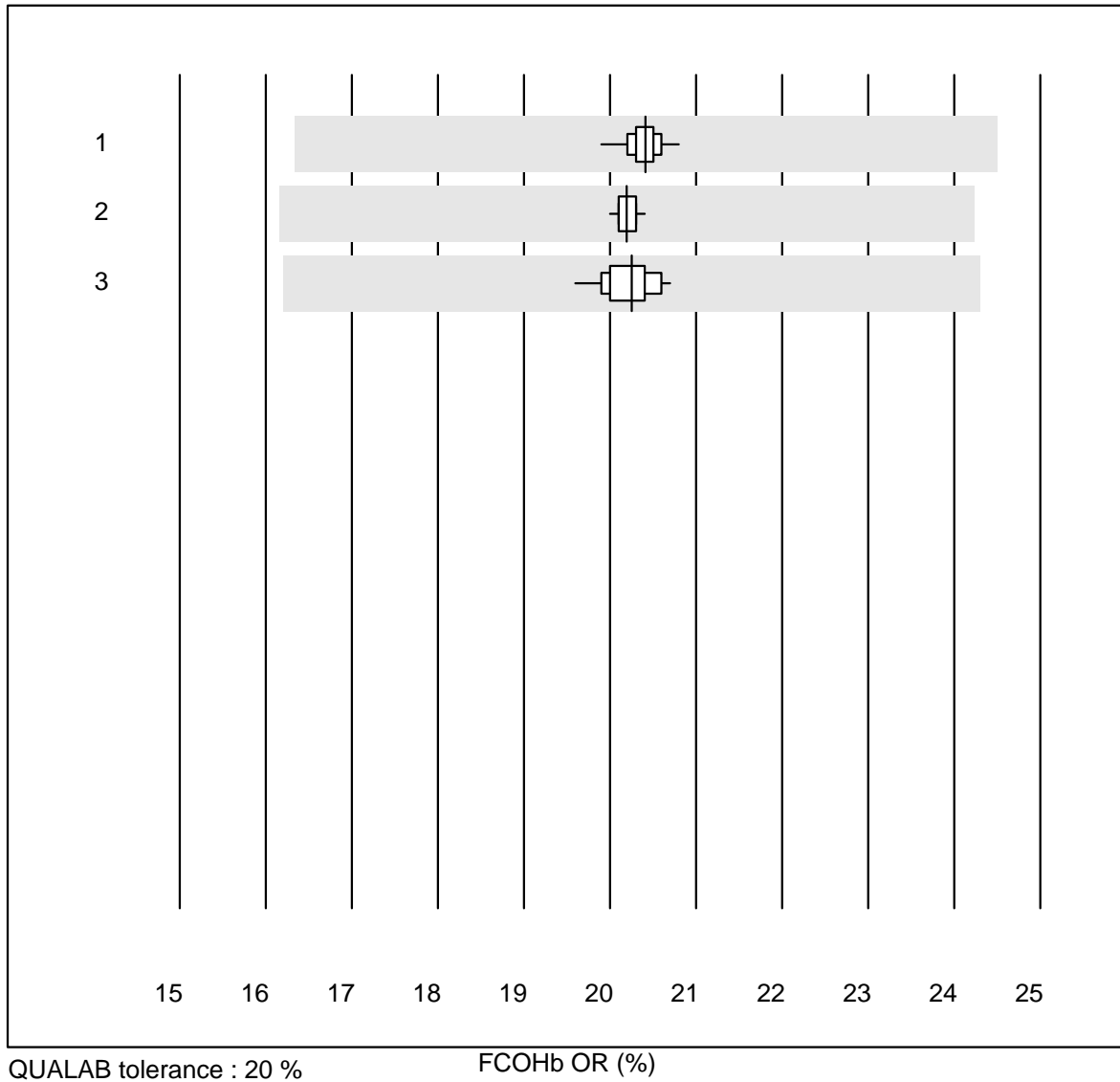


QUALAB tolerance : 20 %

FO2Hb OR (%)

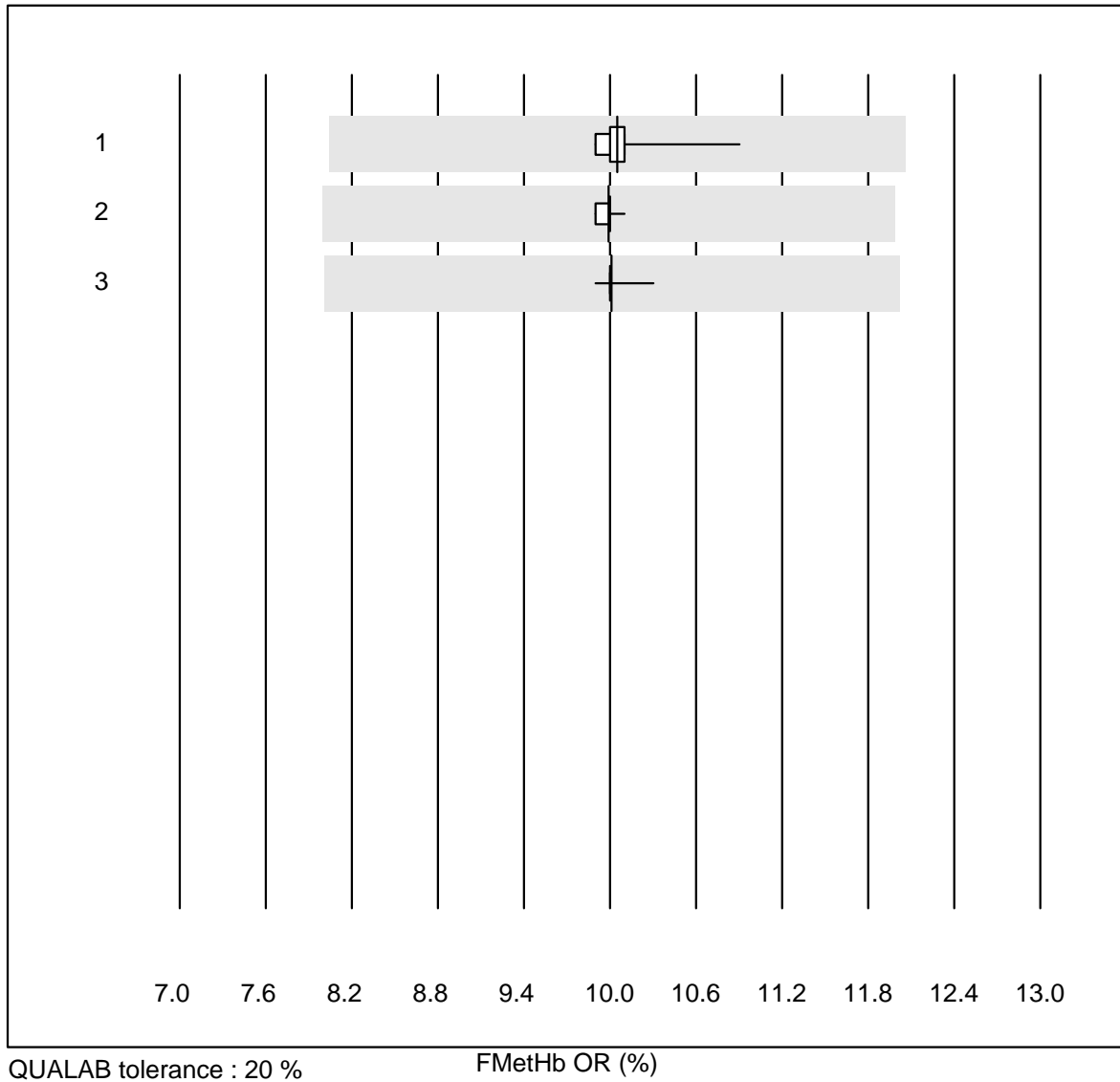
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	49	100.0	0.0	0.0	48.786	0.2	e
2	ABL 90	32	100.0	0.0	0.0	48.922	0.1	e
3	ABL 80 / Coox	17	100.0	0.0	0.0	48.900	0.2	e

FCOHb OR



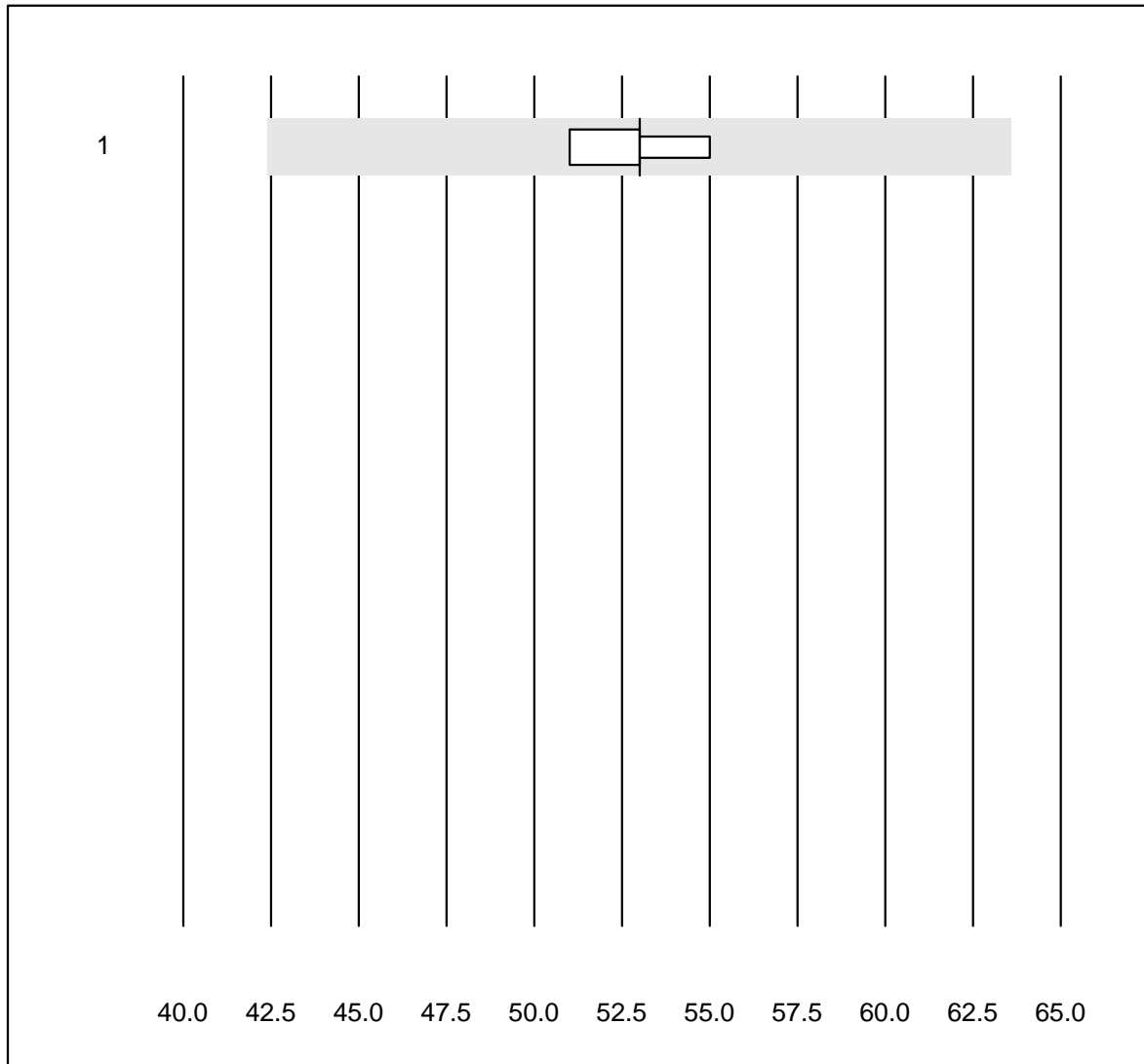
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	51	100.0	0.0	0.0	20.416	0.9	e
2	ABL 90	31	100.0	0.0	0.0	20.197	0.5	e
3	ABL 80 / Coox	17	100.0	0.0	0.0	20.253	1.4	e

FMetHb OR



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 ABL700/800	54	100.0	0.0	0.0	10.052	1.5	e
2 ABL 90	31	100.0	0.0	0.0	9.990	0.4	e
3 ABL 80 / Coox	17	94.1	0.0	5.9	10.013	0.8	e

FHbF OR

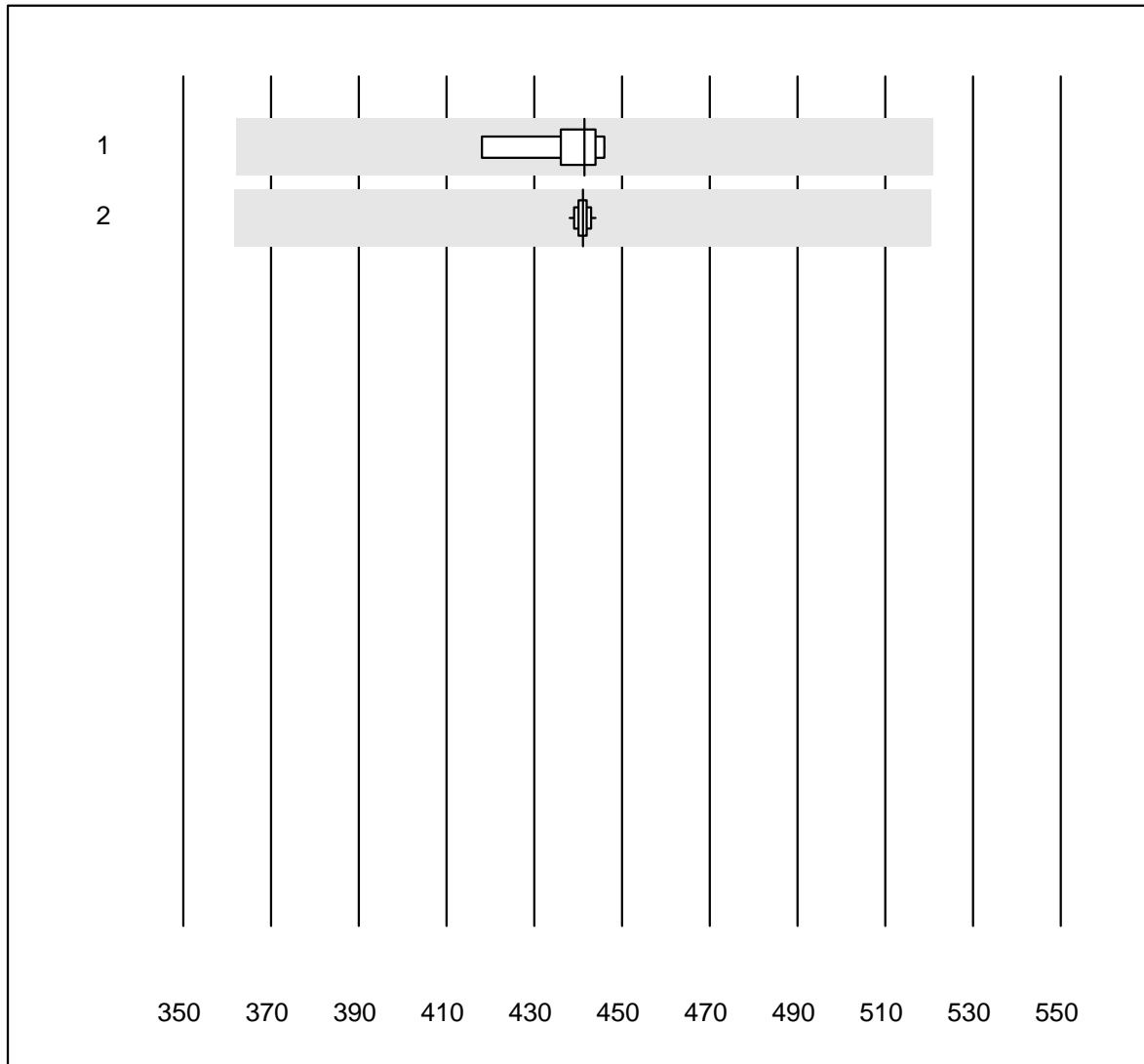


QUALAB tolerance : 20 %

FHbF OR (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ABL 90	8	100.0	0.0	0.0	53.000	2.5	e

Bilirubin OR

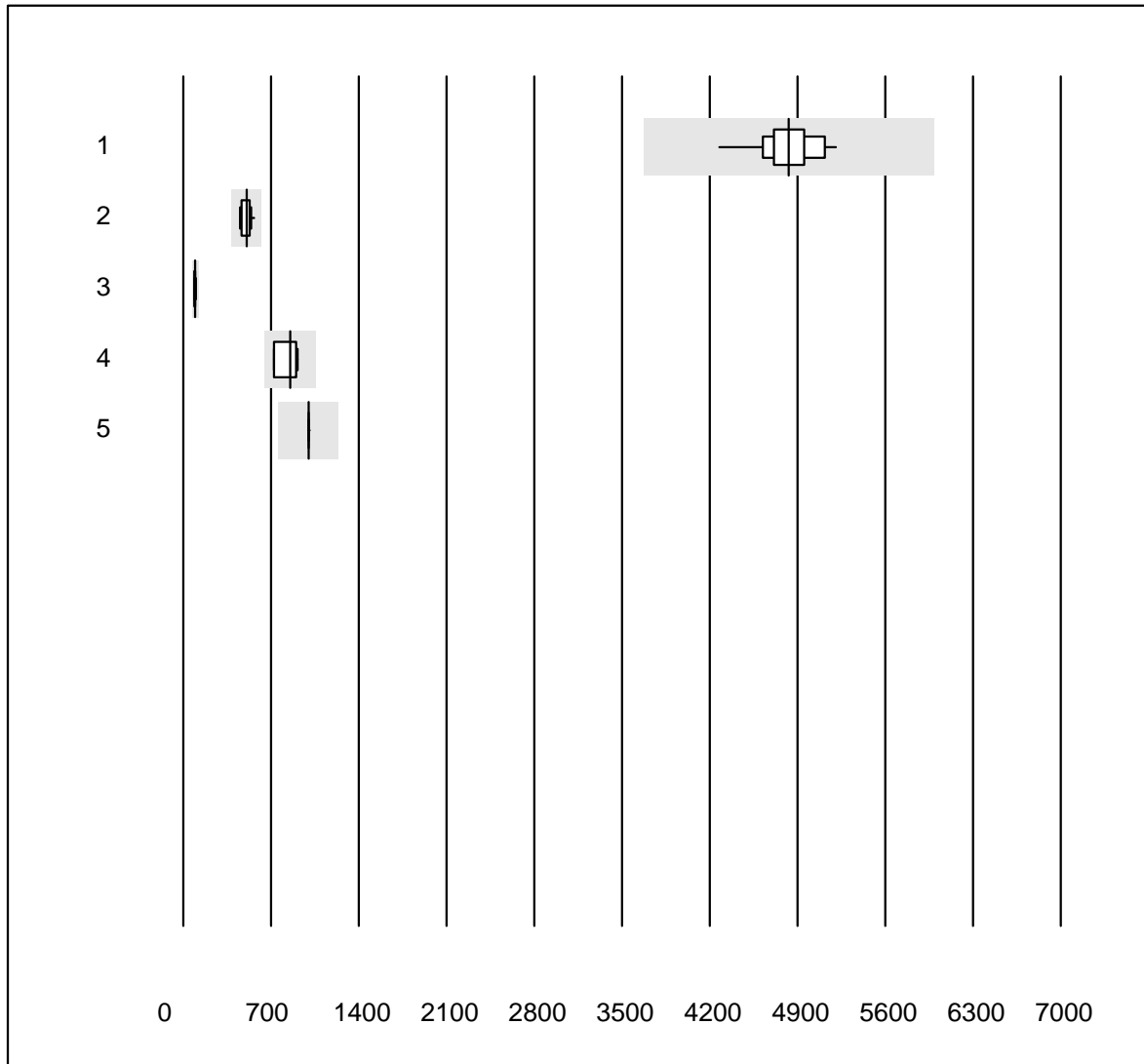


QUALAB tolerance : 18 %

Bilirubin OR (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	6	100.0	0.0	0.0	441.5	2.4	e
2	ABL 90	15	100.0	0.0	0.0	441.1	0.3	e

Troponin I

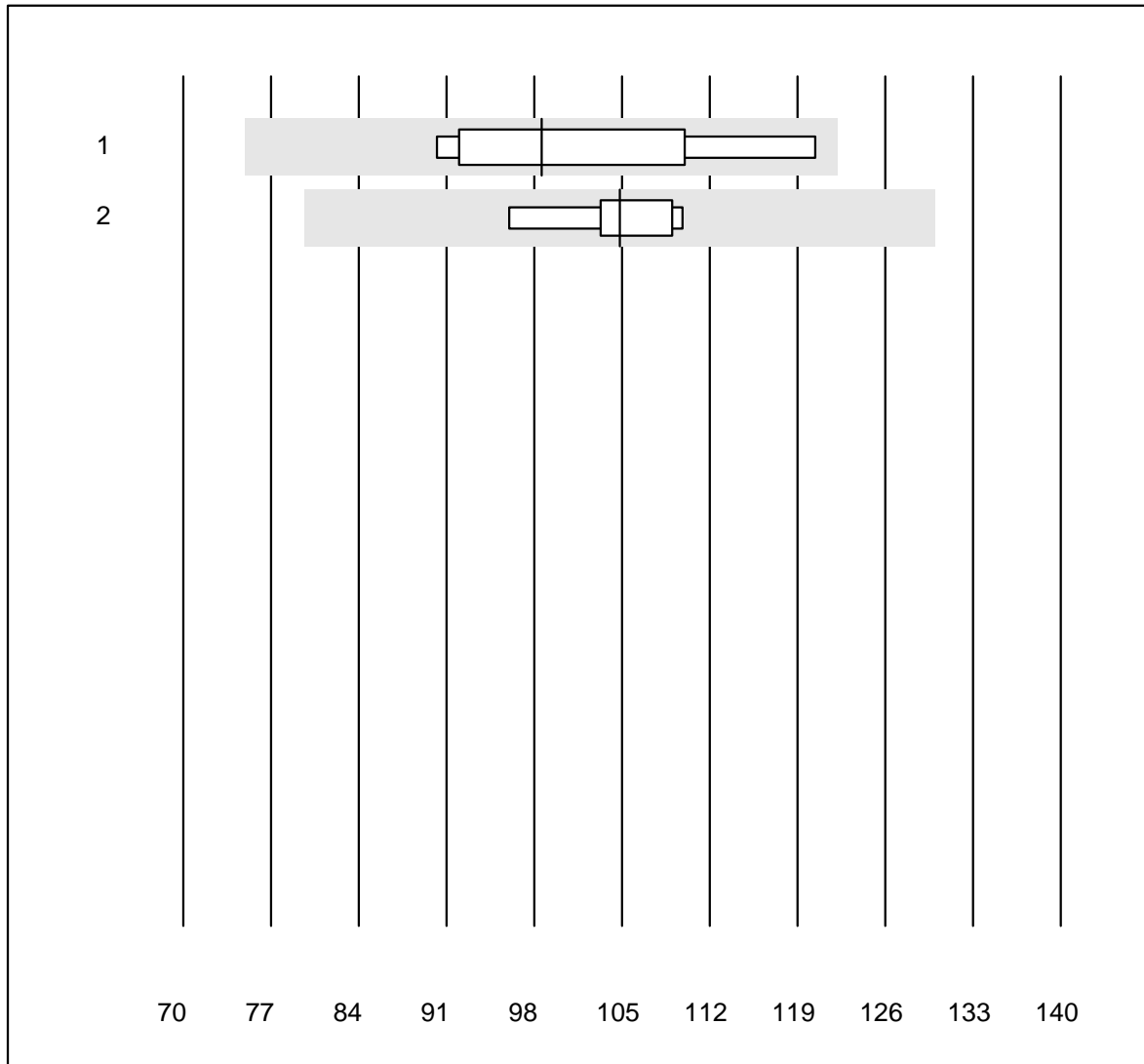


QUALAB tolerance : 24 %

Troponin I (ng/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Vidas	12	100.0	0.0	0.0	4830.0	5.2	e
2	Architect High Sensi	10	100.0	0.0	0.0	503.5	7.4	e
3	AQT 90 FLEX	6	100.0	0.0	0.0	93.0	4.5	e
4	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	855.5	10.3	e*
5	Eurolyser	18	94.4	0.0	5.6	1000.0	0.0	e

Troponin T

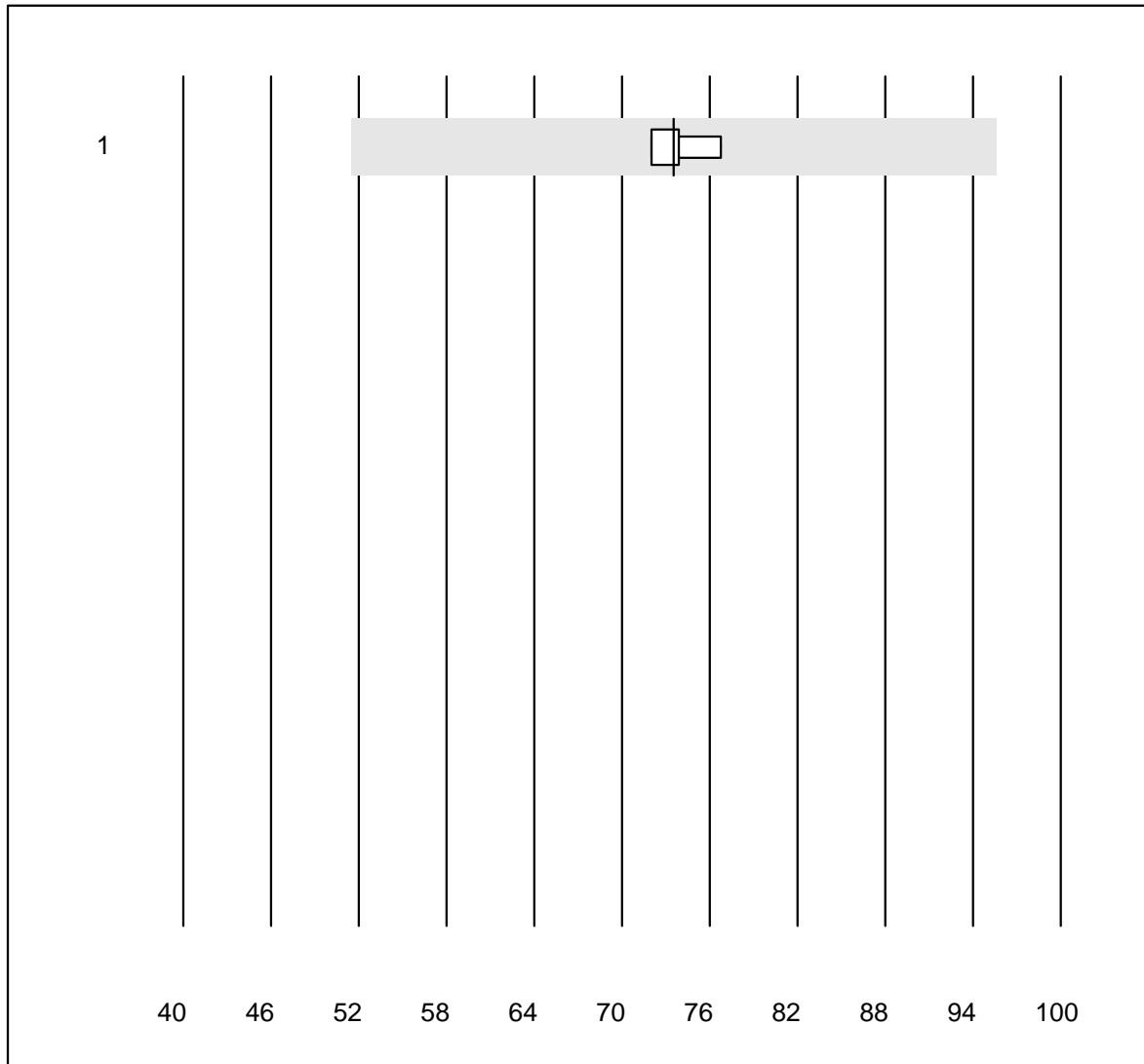


QUALAB tolerance : 24 %

Troponin T (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas hs	5	100.0	0.0	0.0	98.60	12.5	e*
2	Cobas hs STAT	6	100.0	0.0	0.0	104.85	4.7	e

Myoglobin

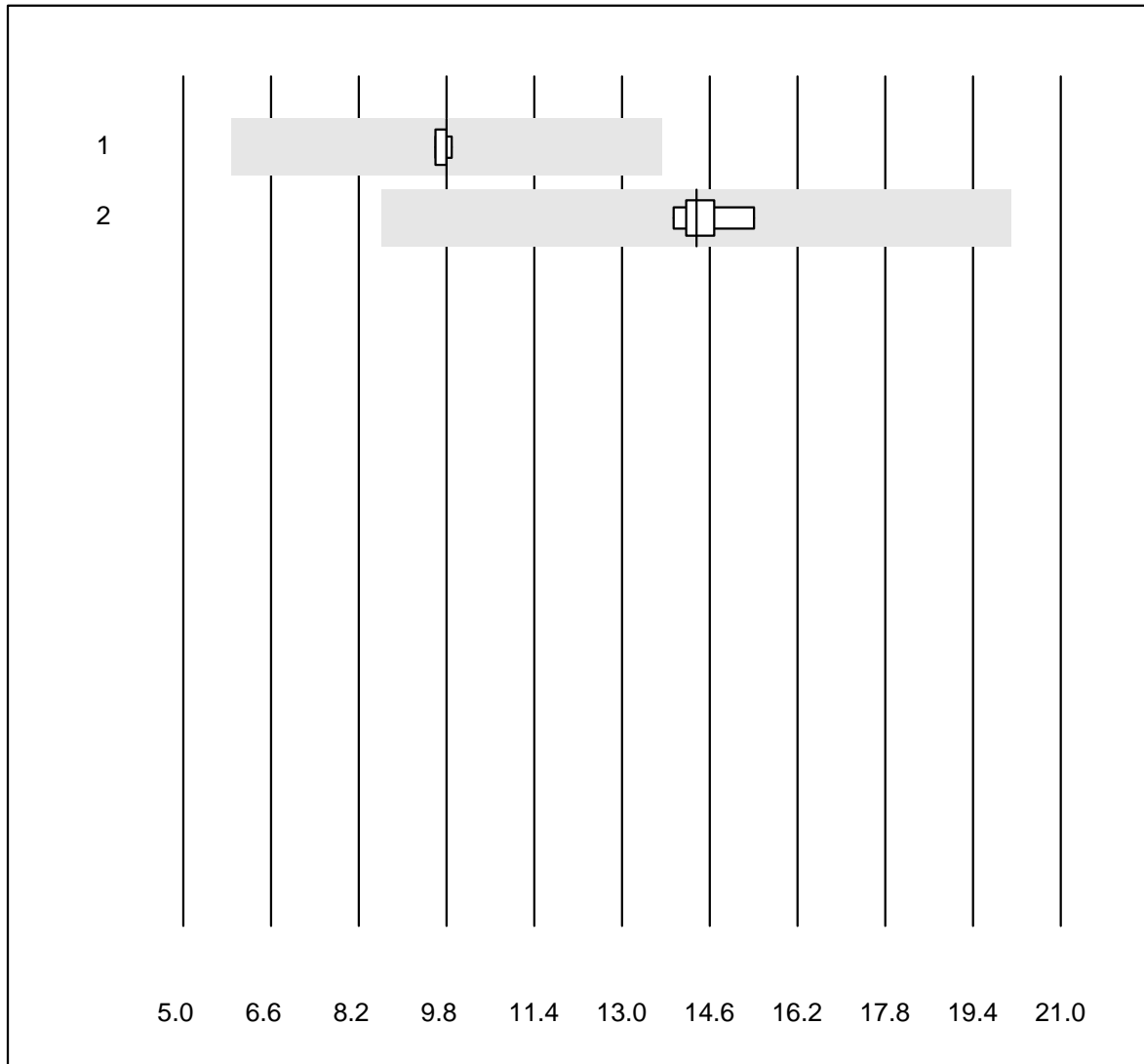


QUALAB tolerance : 30 %

Myoglobin (µg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Cobas E / Elecsys	4	100.0	0.0	0.0	73.5	2.7	e

CK-MB mass

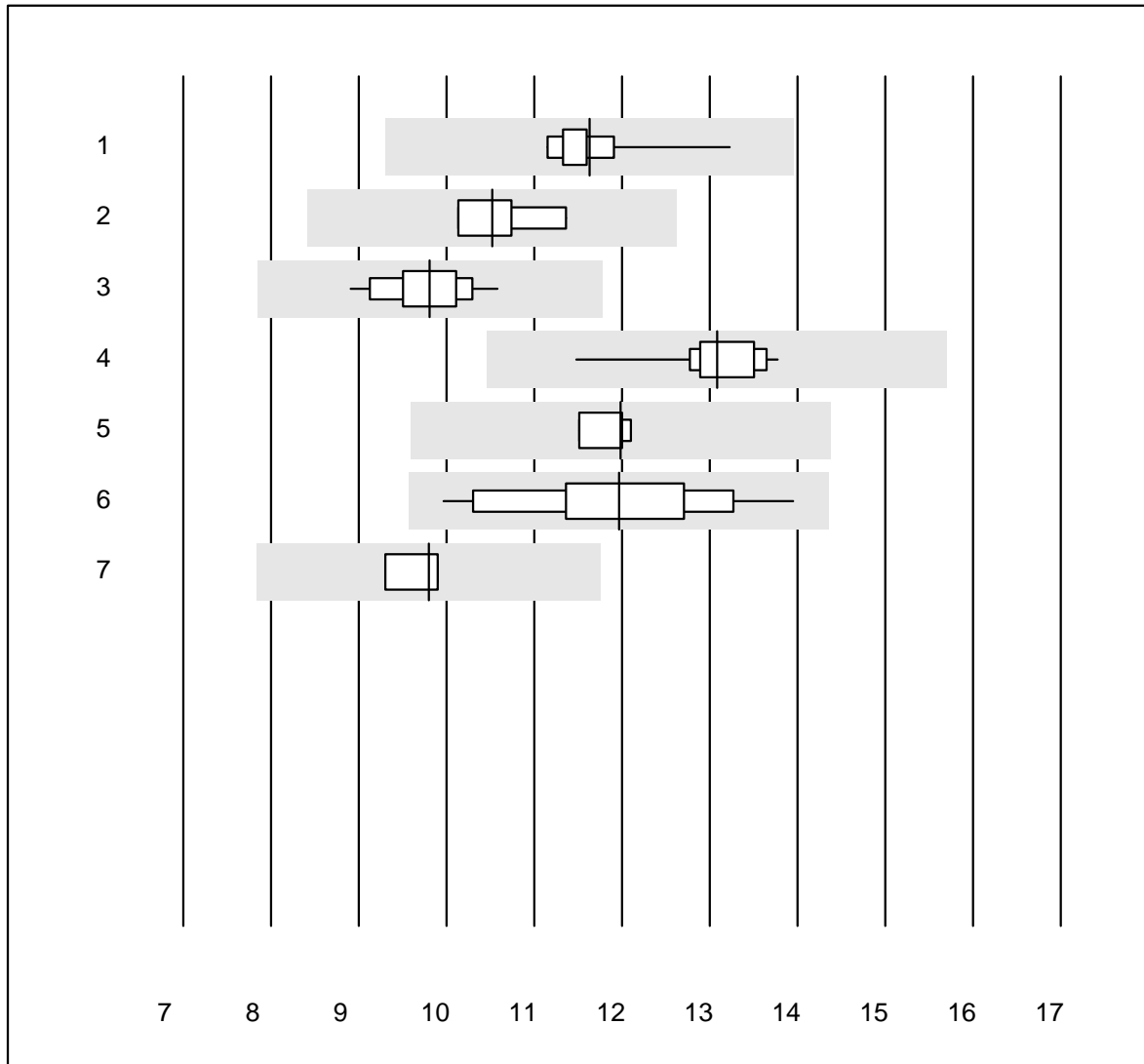


QUALAB tolerance : 40 %

CK-MB mass (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	9.8	1.3	e
2	VIDAS	6	100.0	0.0	0.0	14.4	3.5	e

TSH

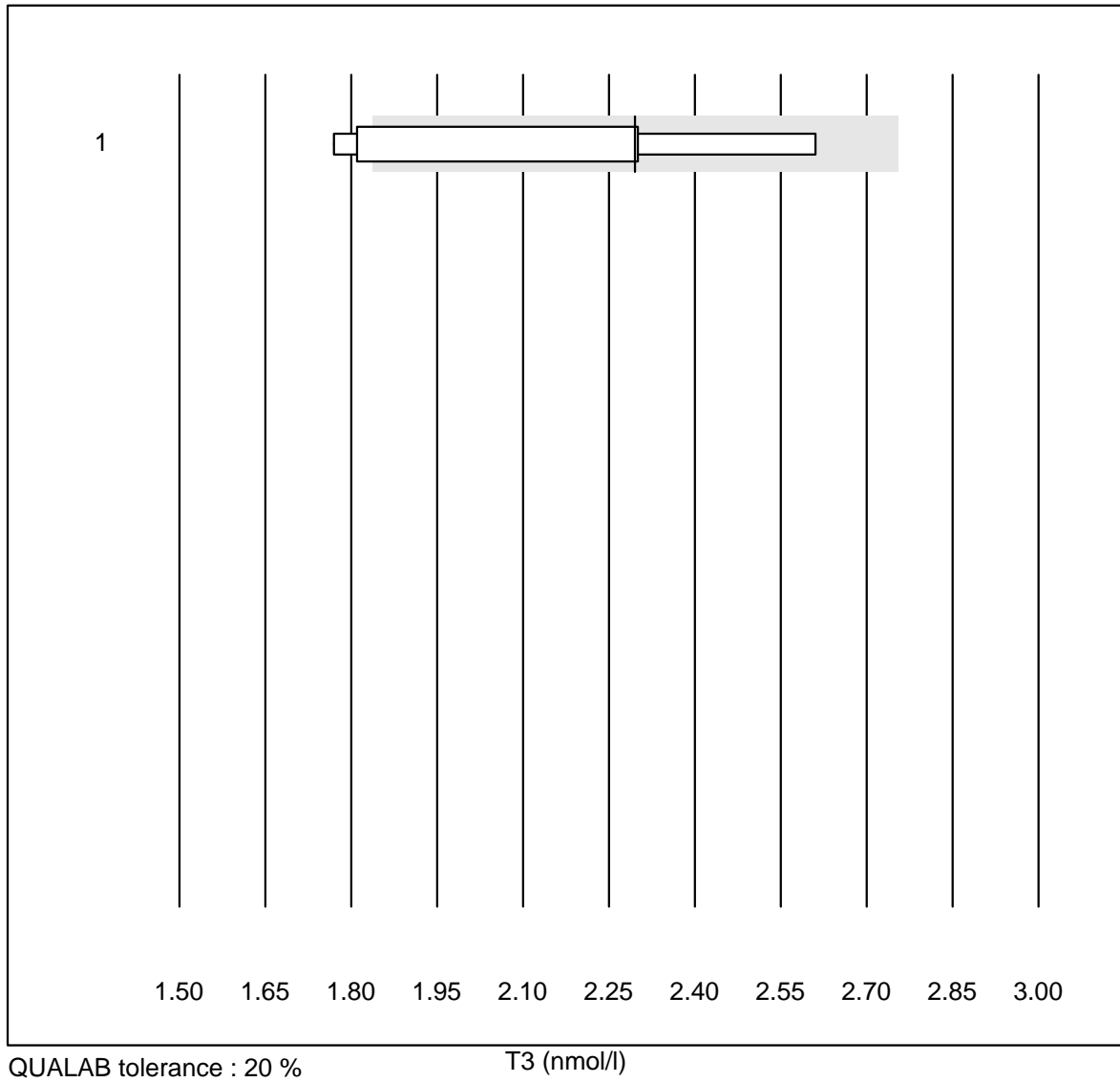


QUALAB tolerance : 20 %

TSH (mU/l)

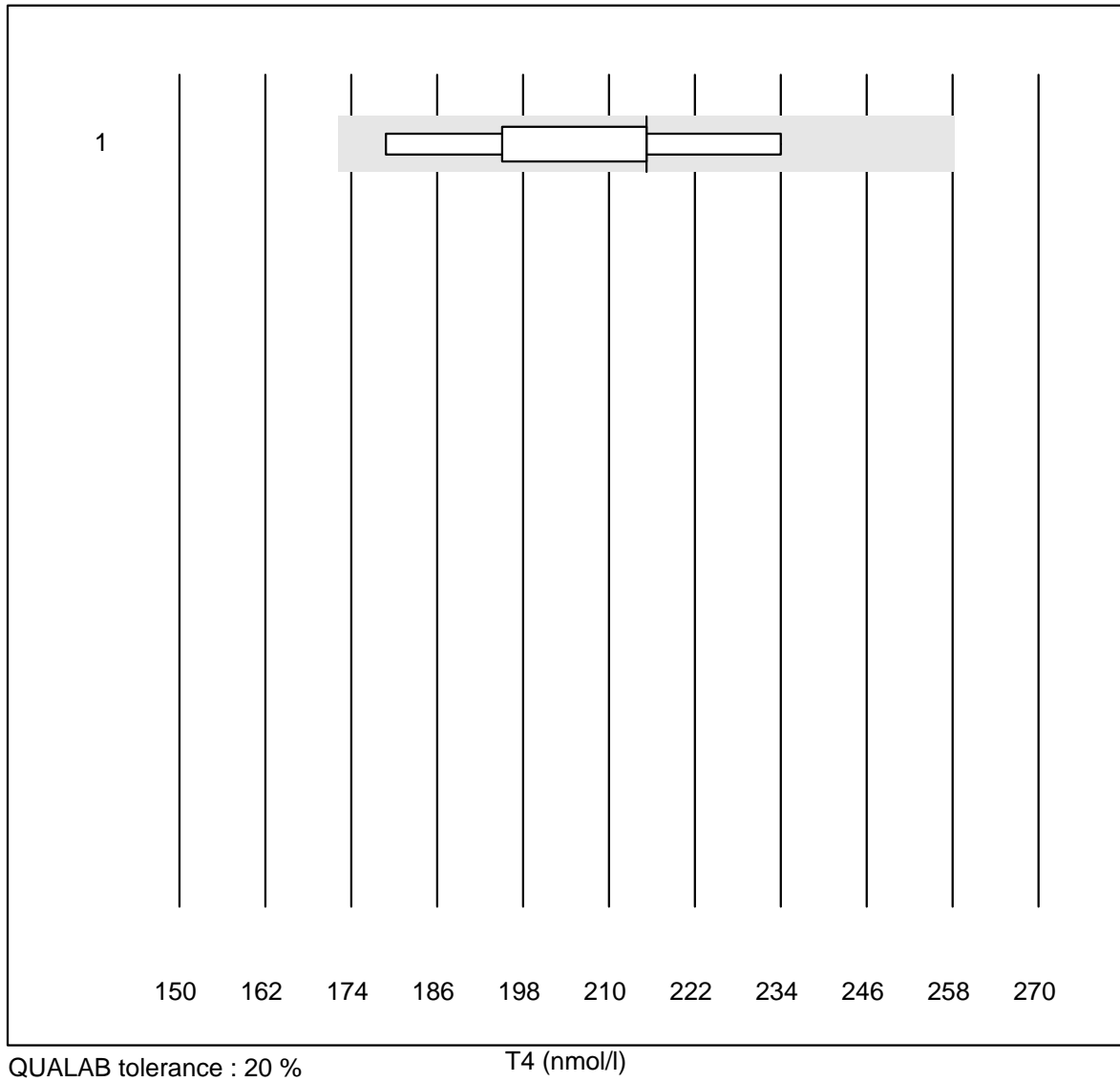
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	10	100.0	0.0	0.0	11.63	5.2	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	10.52	5.2	e*
3	Architect	13	100.0	0.0	0.0	9.81	4.7	e
4	VIDAS	15	100.0	0.0	0.0	13.08	4.1	e
5	Dimension	4	100.0	0.0	0.0	11.99	2.2	e
6	AFIAS	19	100.0	0.0	0.0	11.96	8.6	e
7	Qualigen	4	100.0	0.0	0.0	9.80	2.9	e

T3



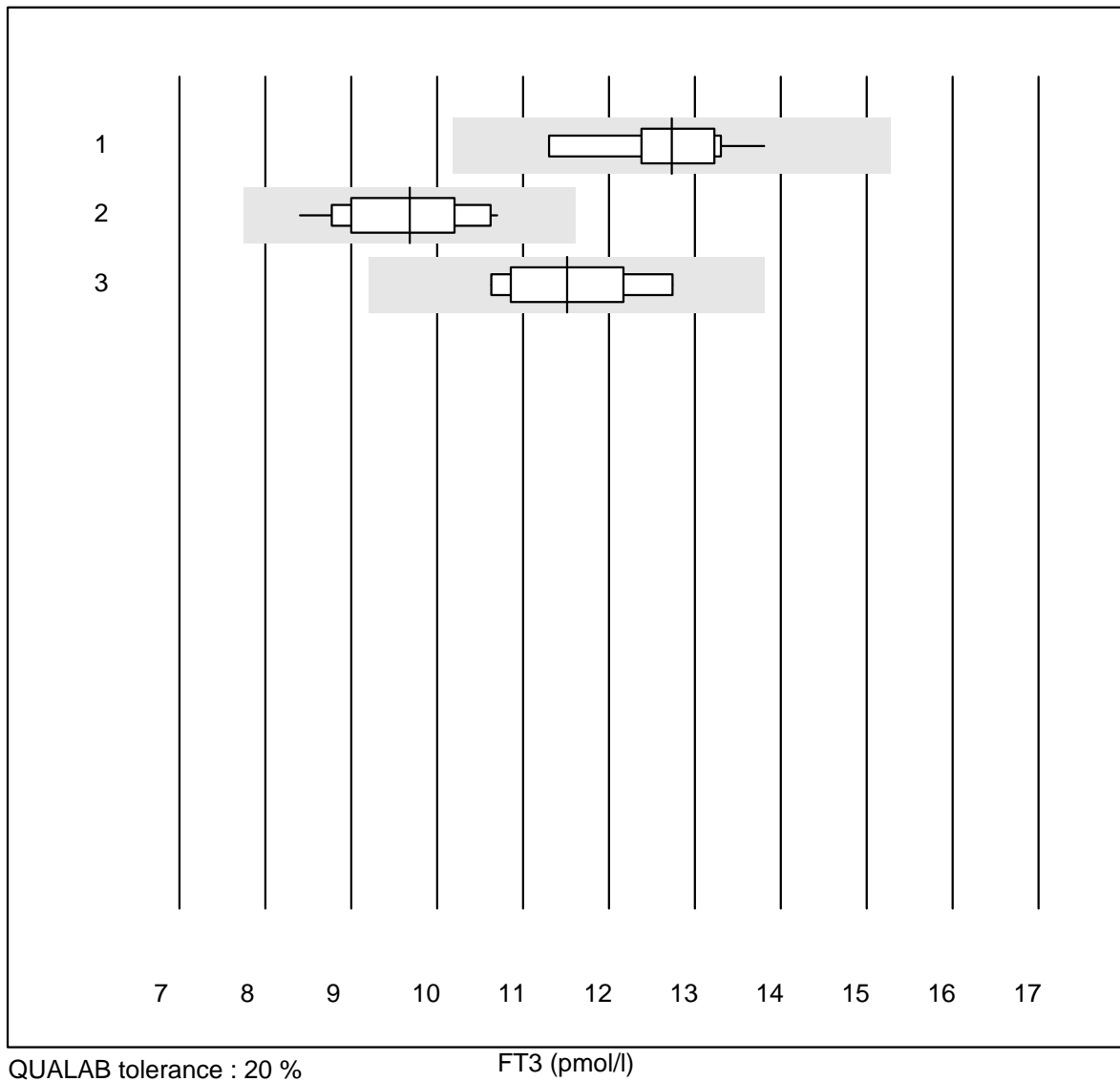
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 AFIAS	8	75.0	25.0	0.0	2.3	13.3	e*

T4



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 AFIAS	9	66.7	0.0	33.3	215	9.3	e*

FT3

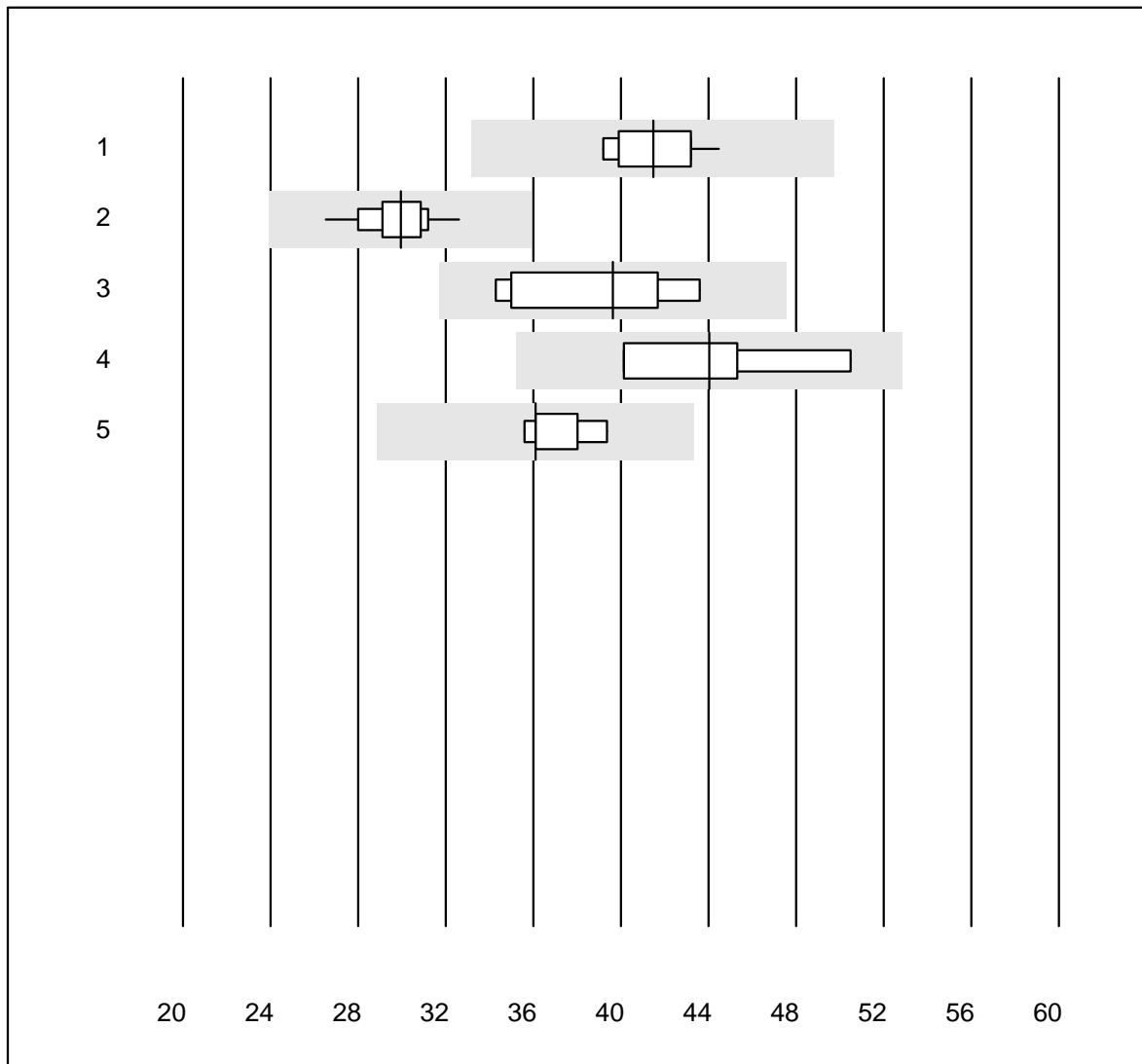


QUALAB tolerance : 20 %

FT3 (pmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	10	100.0	0.0	0.0	12.7	5.6	e
2	Architect	12	100.0	0.0	0.0	9.7	7.7	e
3	VIDAS	7	100.0	0.0	0.0	11.5	6.2	e

FT4

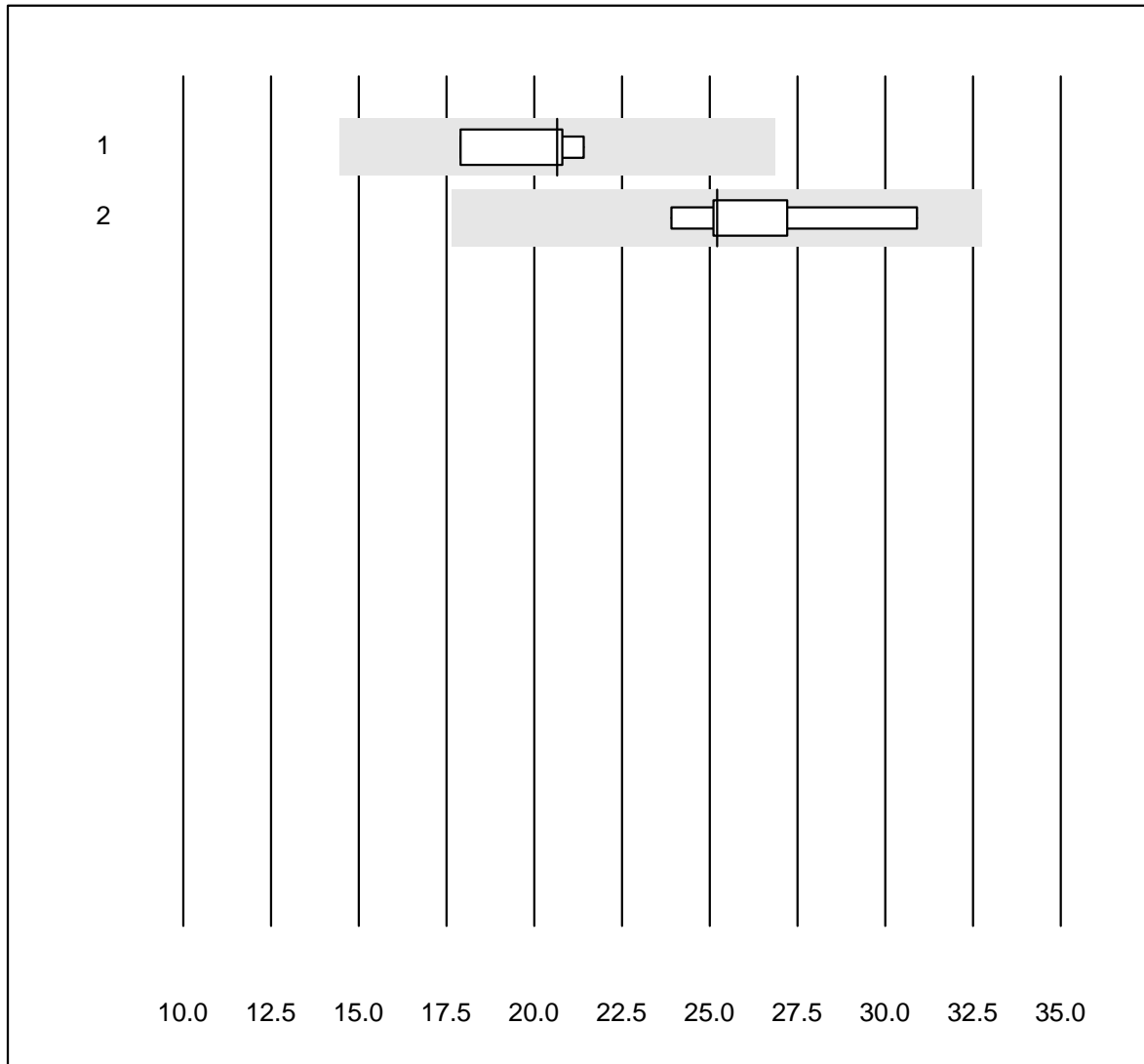


QUALAB tolerance : 20 %

FT4 (pmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	10	100.0	0.0	0.0	41.5	4.3	e
2	Architect	13	100.0	0.0	0.0	29.9	5.1	e
3	VIDAS	7	100.0	0.0	0.0	39.6	9.1	e*
4	Qualigen	4	100.0	0.0	0.0	44.0	9.9	e*
5	Other methods	5	100.0	0.0	0.0	36.1	4.3	e

Testosterone

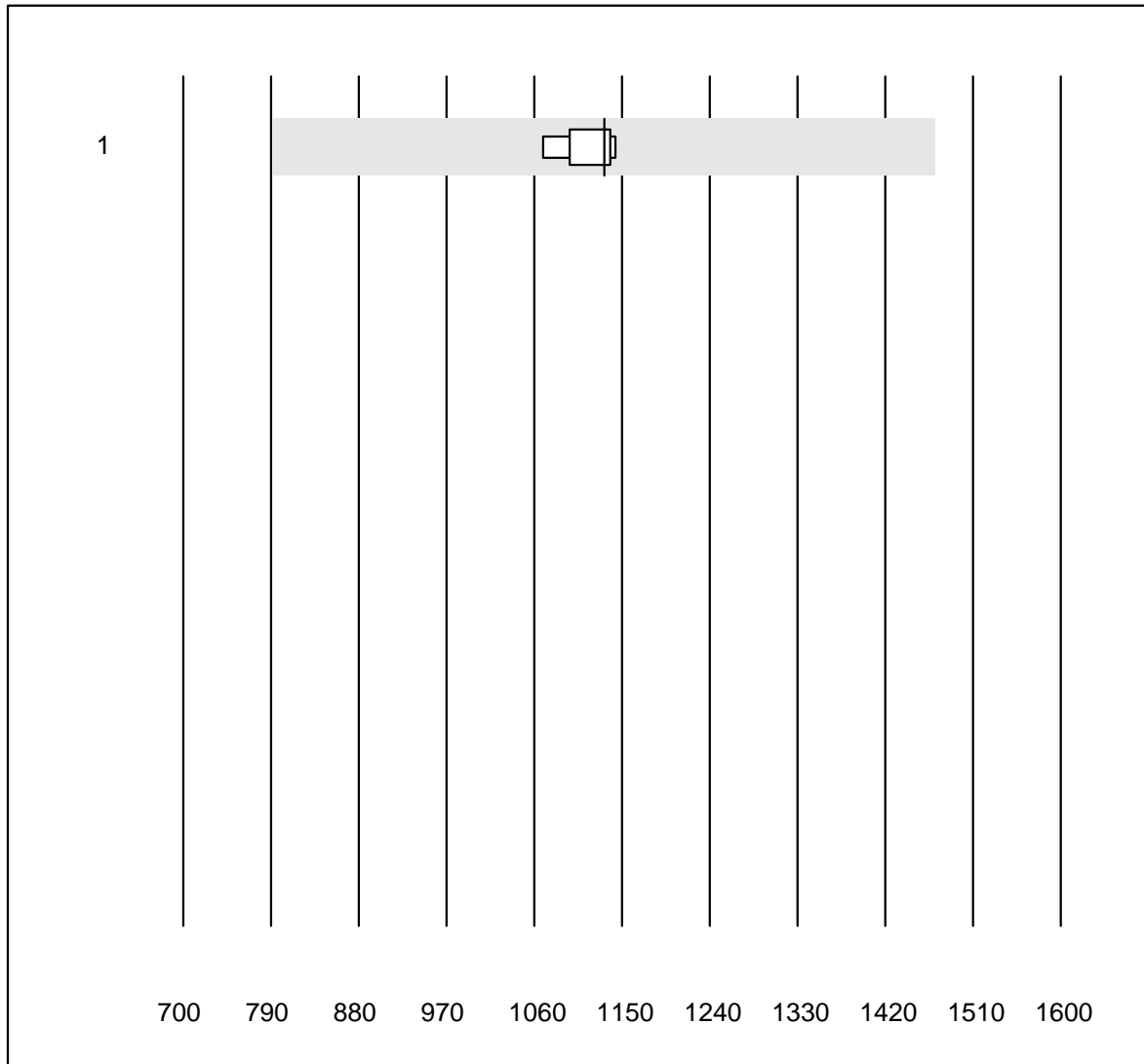


QUALAB tolerance : 30 %

Testosterone (nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	21	7.7	e*
2	Architect	5	100.0	0.0	0.0	25	10.4	e*

Estradiol

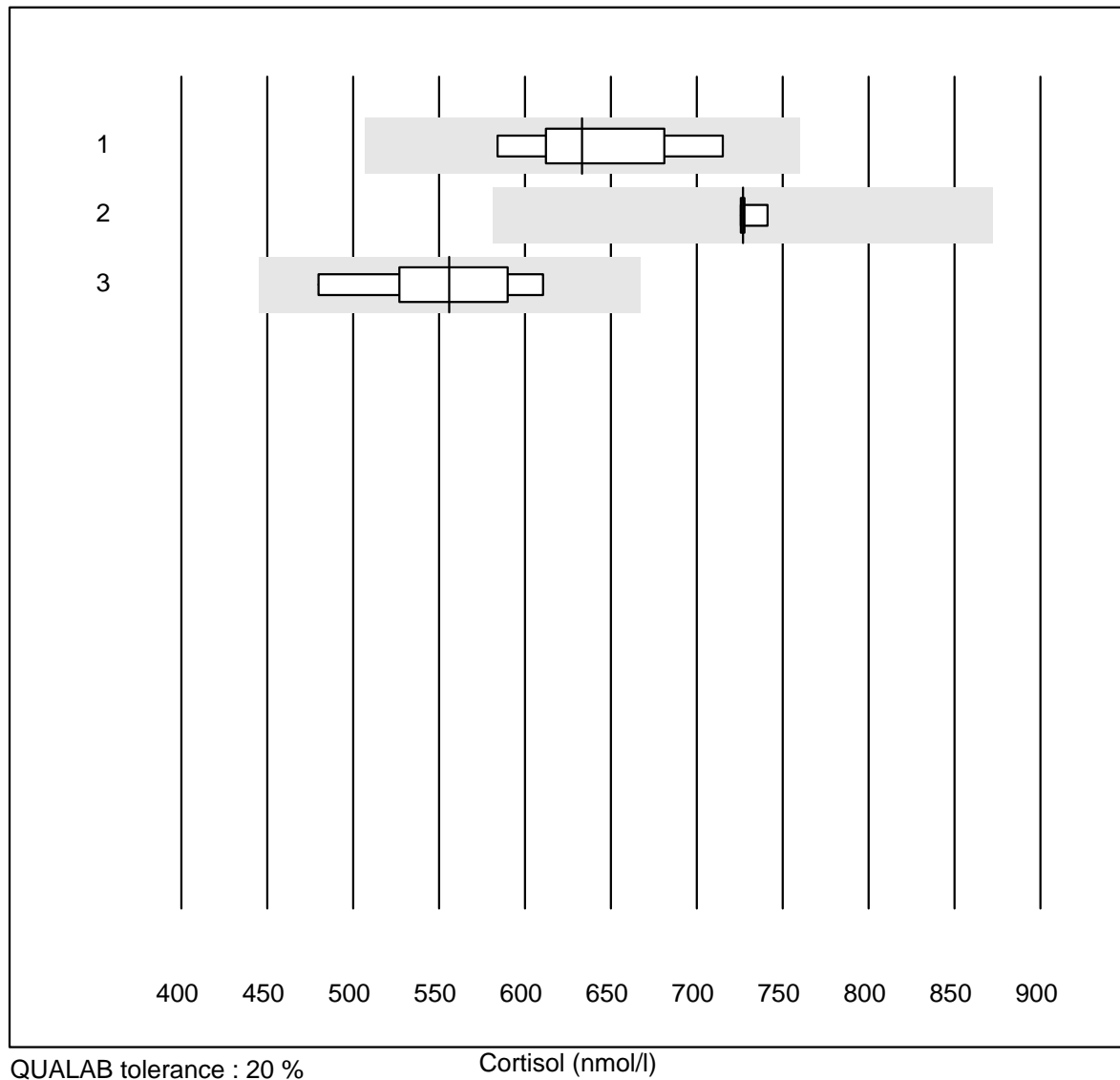


QUALAB tolerance : 30 %

Estradiol (pmol/l)

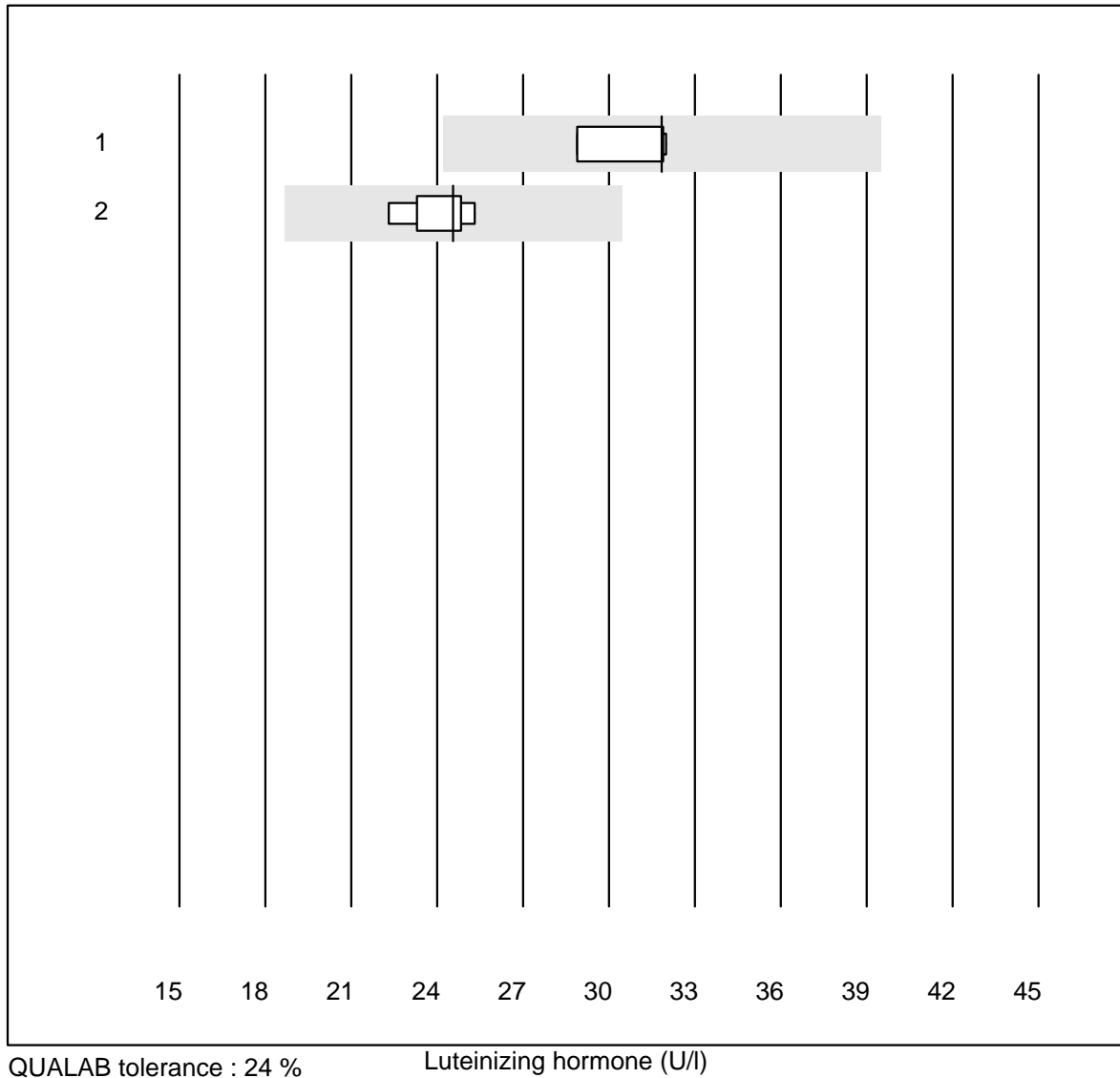
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Architect	5	100.0	0.0	0.0	1132	2.9	e

Cortisol



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	7	100.0	0.0	0.0	633	6.8	e*
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	727	1.0	e
3	Architect	6	100.0	0.0	0.0	556	8.5	e*

Luteinizing hormone

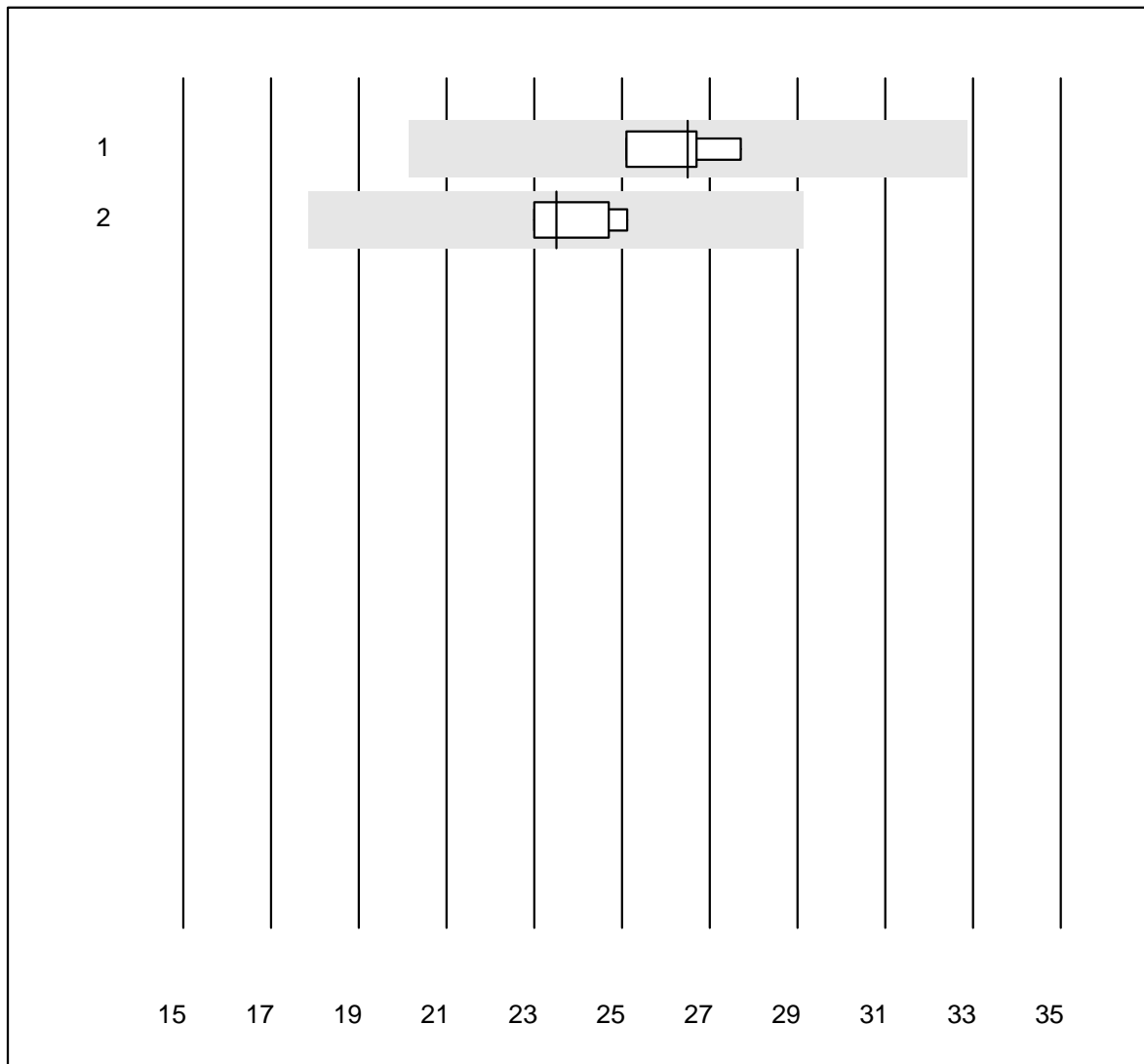


QUALAB tolerance : 24 %

Luteinizing hormone (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	31.9	4.8	e
2	Architect	6	100.0	0.0	0.0	24.6	4.7	e

Follicle-stimulating hormone

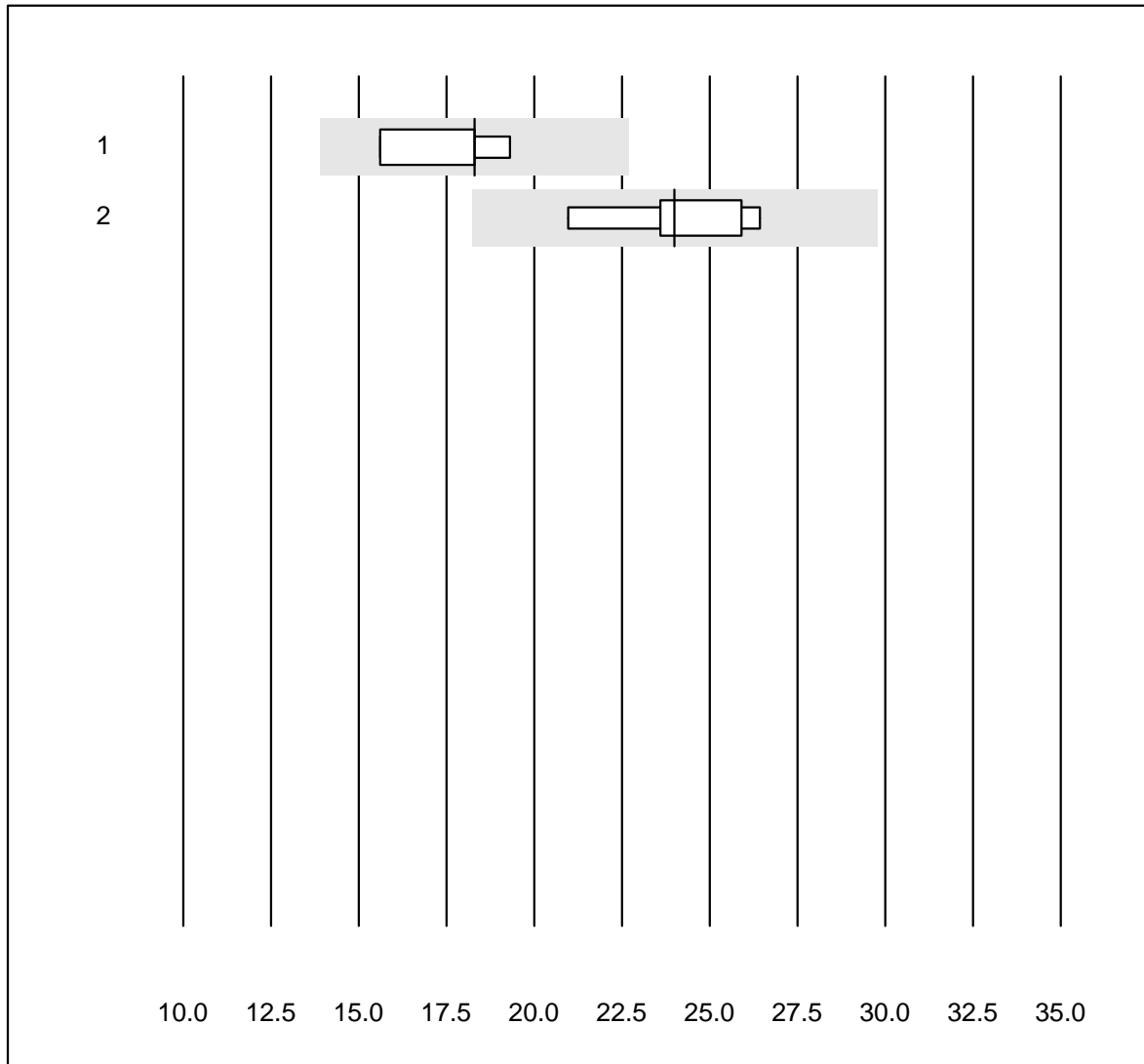


QUALAB tolerance : 24 %

Follicle-stimulating hormone (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	26.5	4.1	e
2	Architect	6	100.0	0.0	0.0	23.5	3.8	e

Prolactine

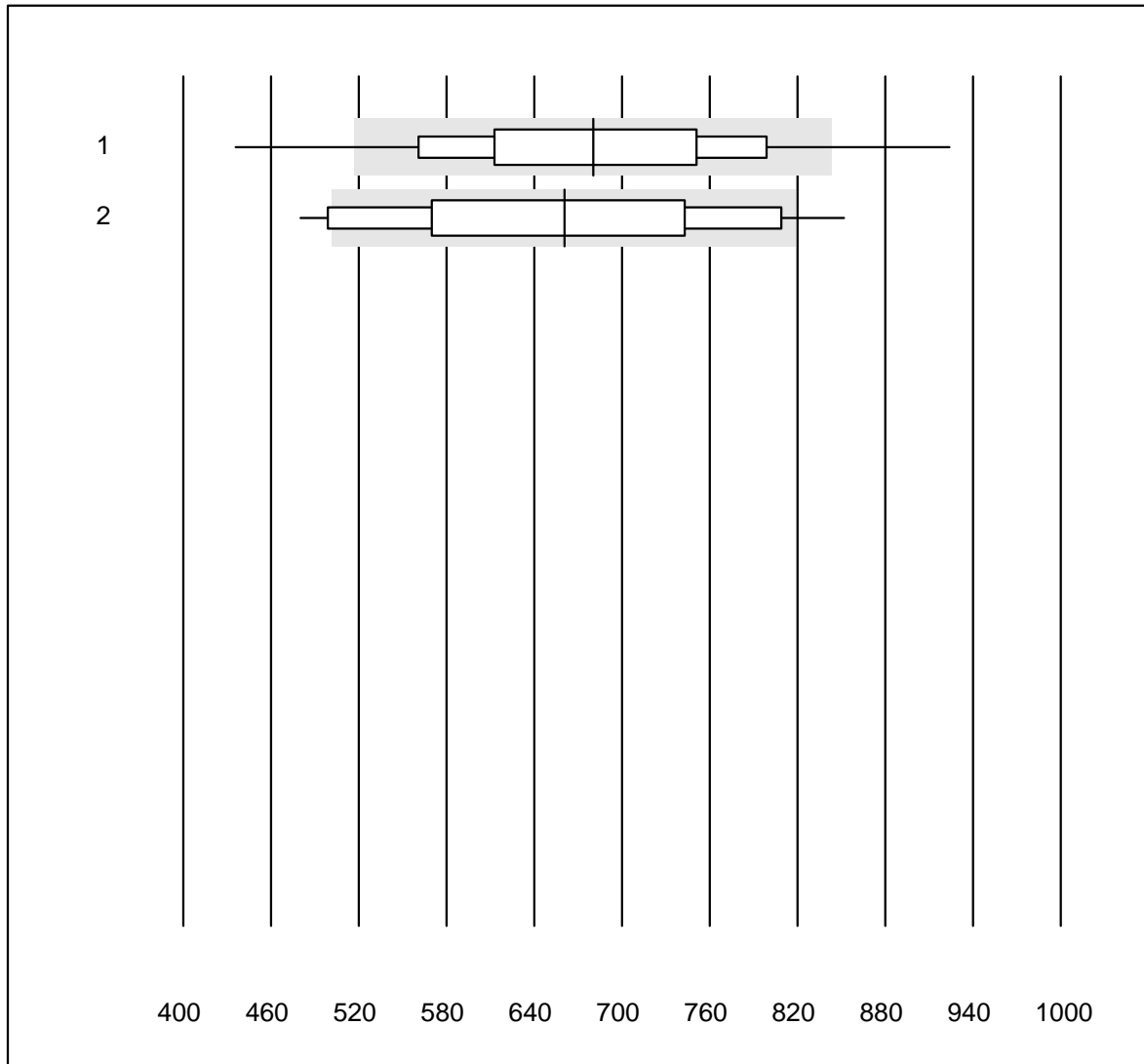


QUALAB tolerance : 24 %

Prolactine (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	18.3	8.9	e*
2	Architect	6	100.0	0.0	0.0	24.0	8.0	e*

Troponin T CR

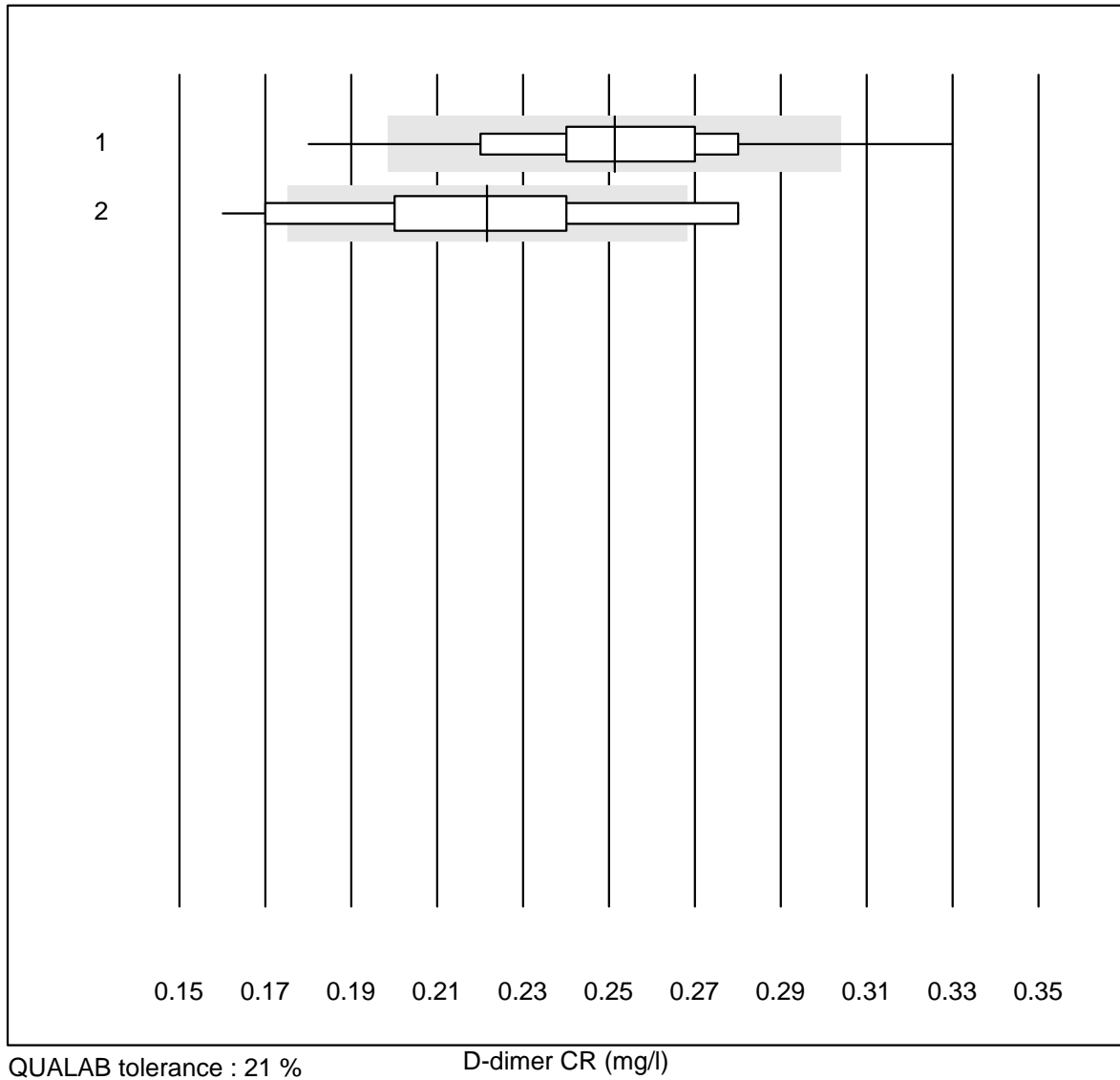


QUALAB tolerance : 24 %

Troponin T CR (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	981	90.0	6.6	3.4	680.12	13.6	e
2	Cardiac Reader	23	78.3	21.7	0.0	660.61	17.3	e*

D-dimer CR

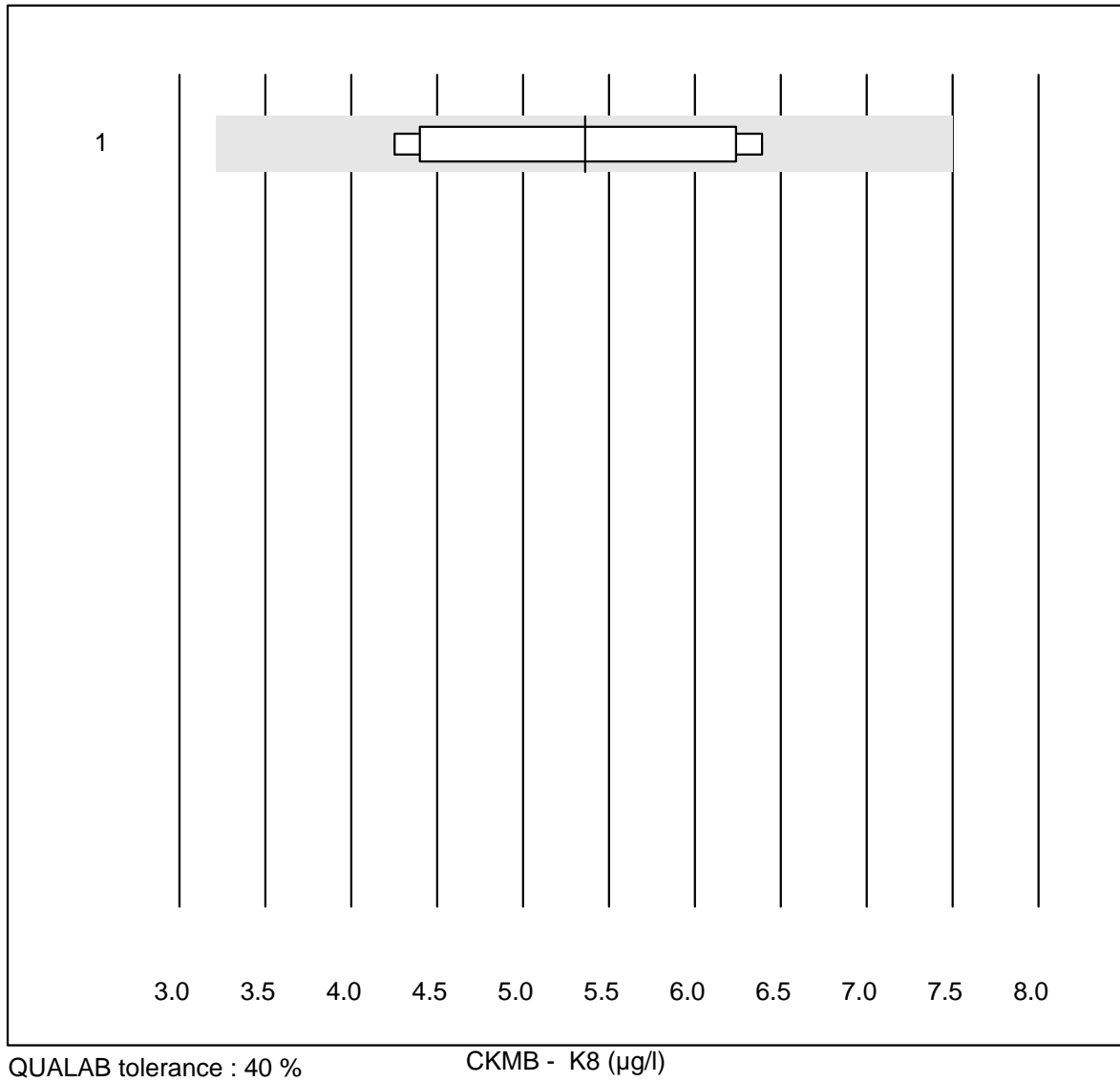


QUALAB tolerance : 21 %

D-dimer CR (mg/l)

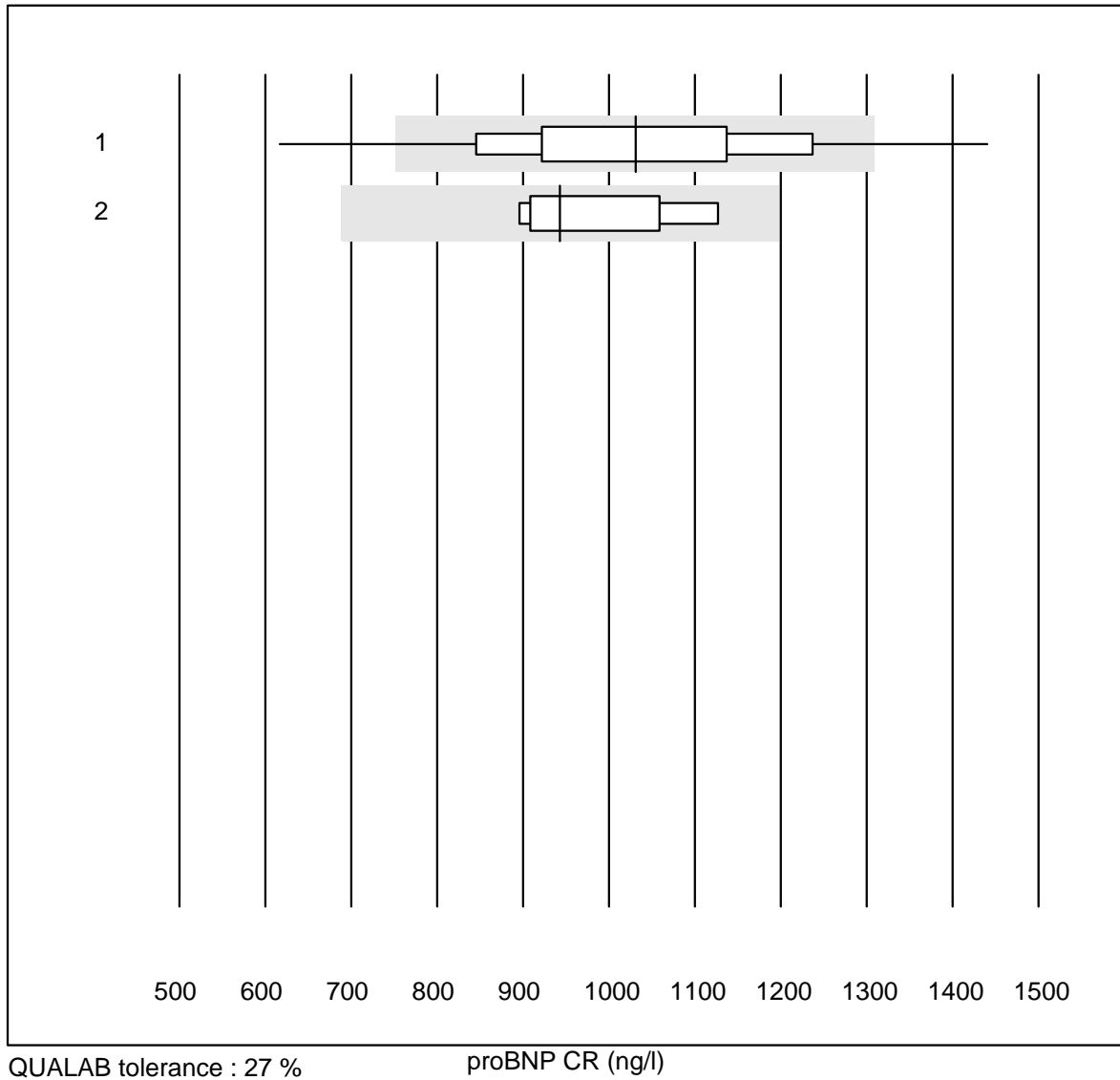
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	995	94.6	3.2	2.2	0.25	10.2	e
2	Cardiac Reader	20	70.0	25.0	5.0	0.22	15.4	e*

CKMB - K8



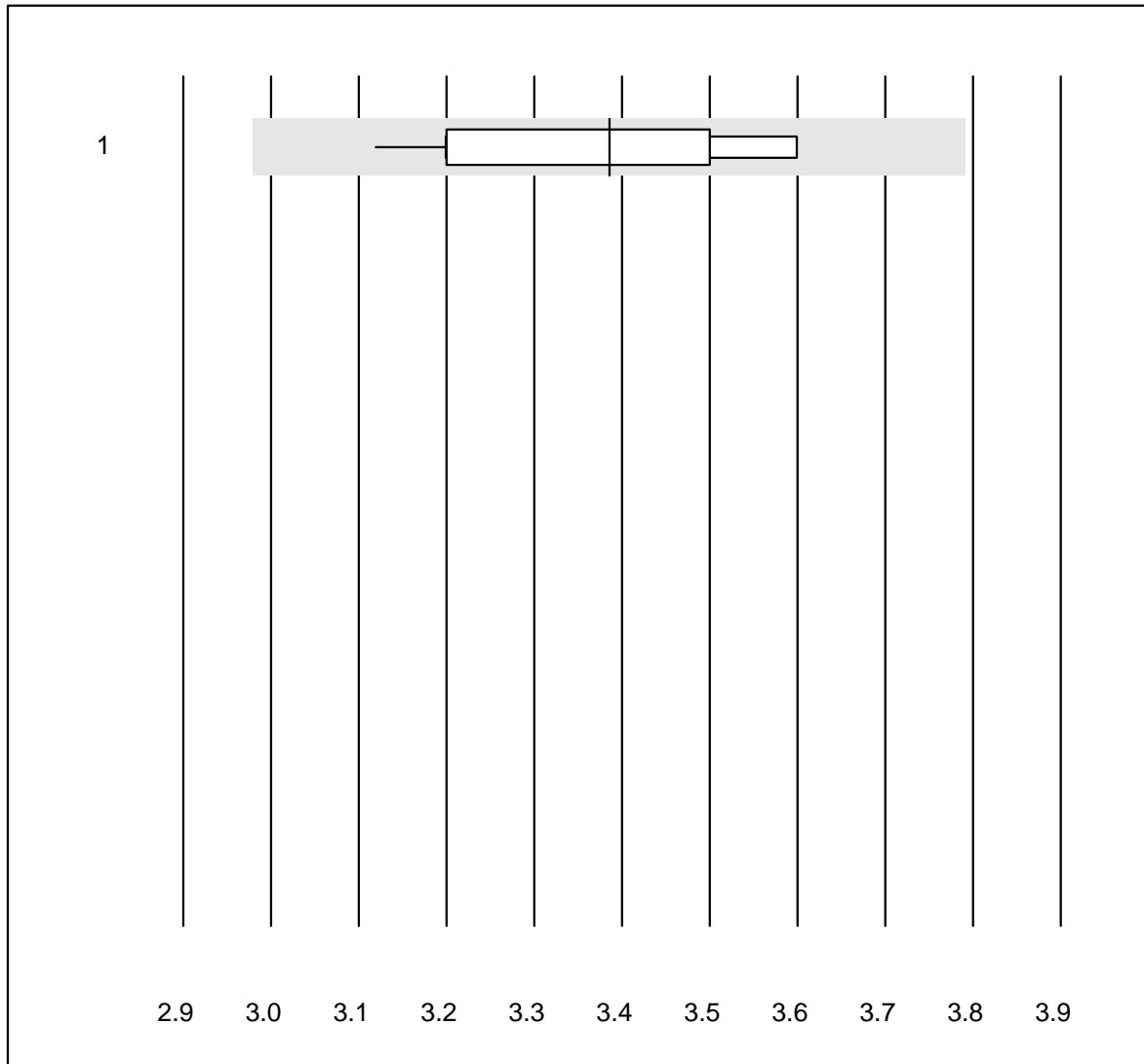
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	8	100.0	0.0	0.0	5.4	16.9	e*

proBNP CR



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	610	92.3	6.2	1.5	1031	14.8	e
2	Cardiac Reader	5	100.0	0.0	0.0	943	10.3	e*

PCO2 CCA

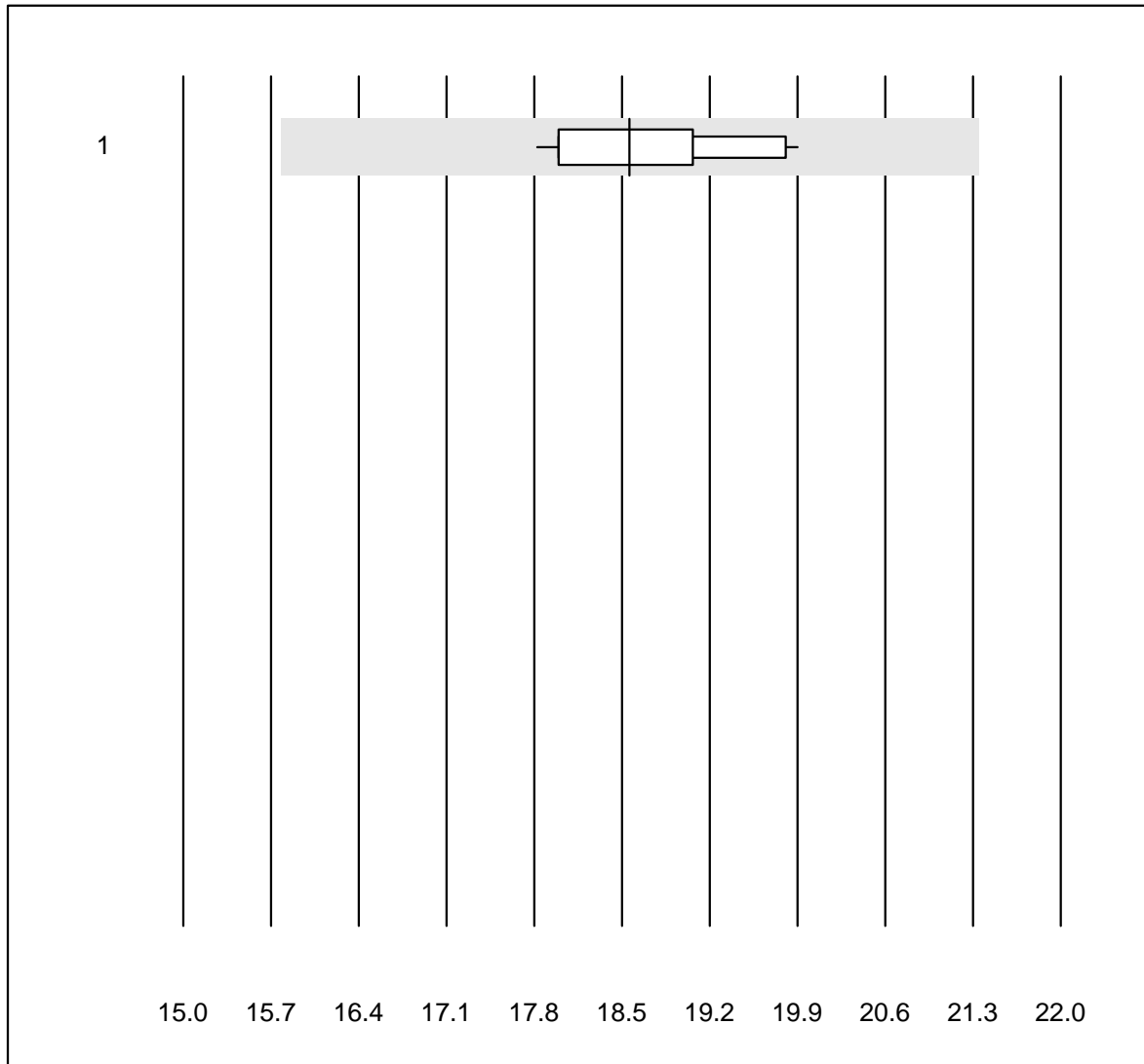


QUALAB tolerance : 12 %

PCO2 CCA (kPa)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	12	100.0	0.0	0.0	3.39	5.0	e

PO2 CCA

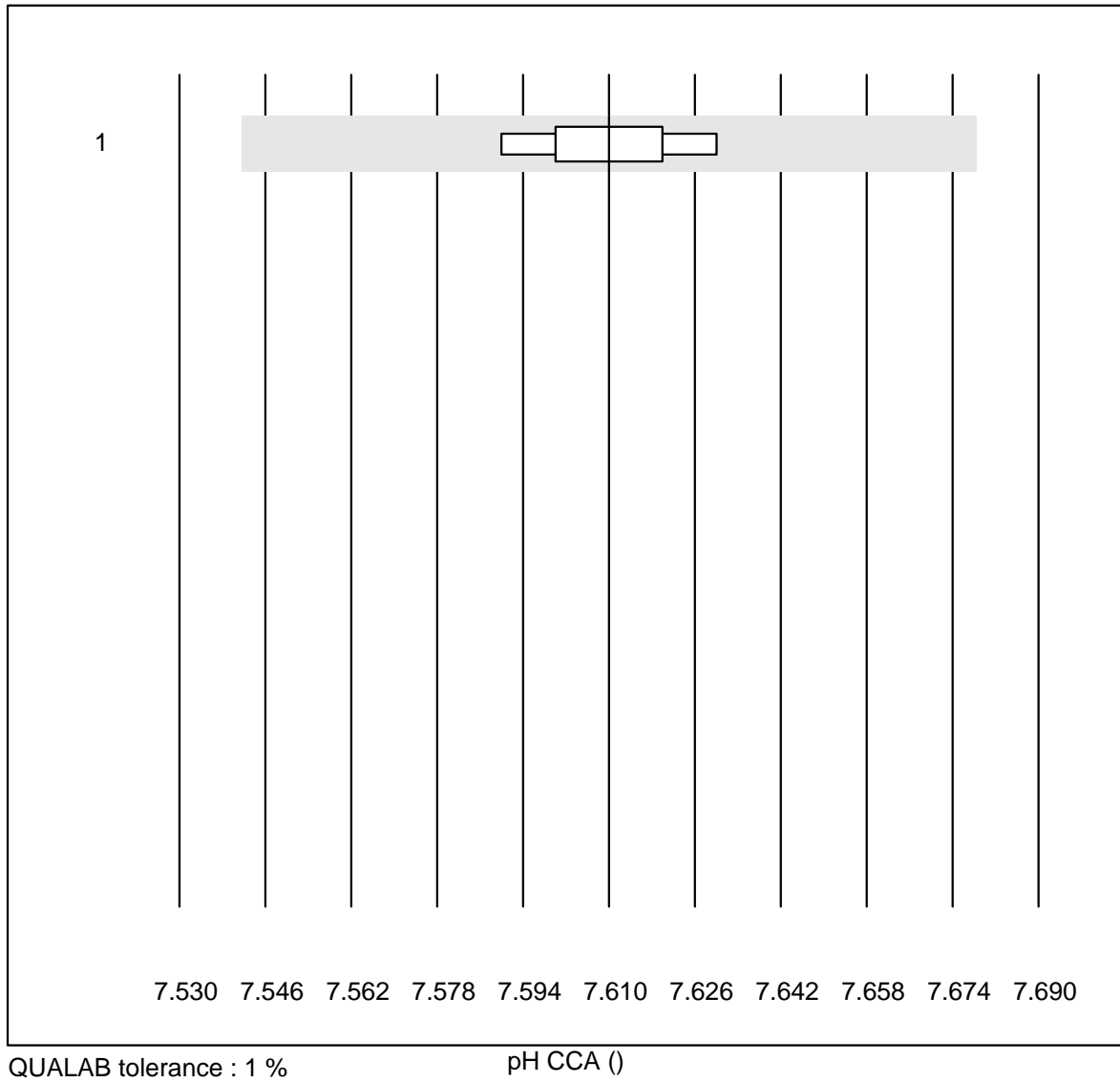


QUALAB tolerance : 15 %

PO2 CCA (kPa)

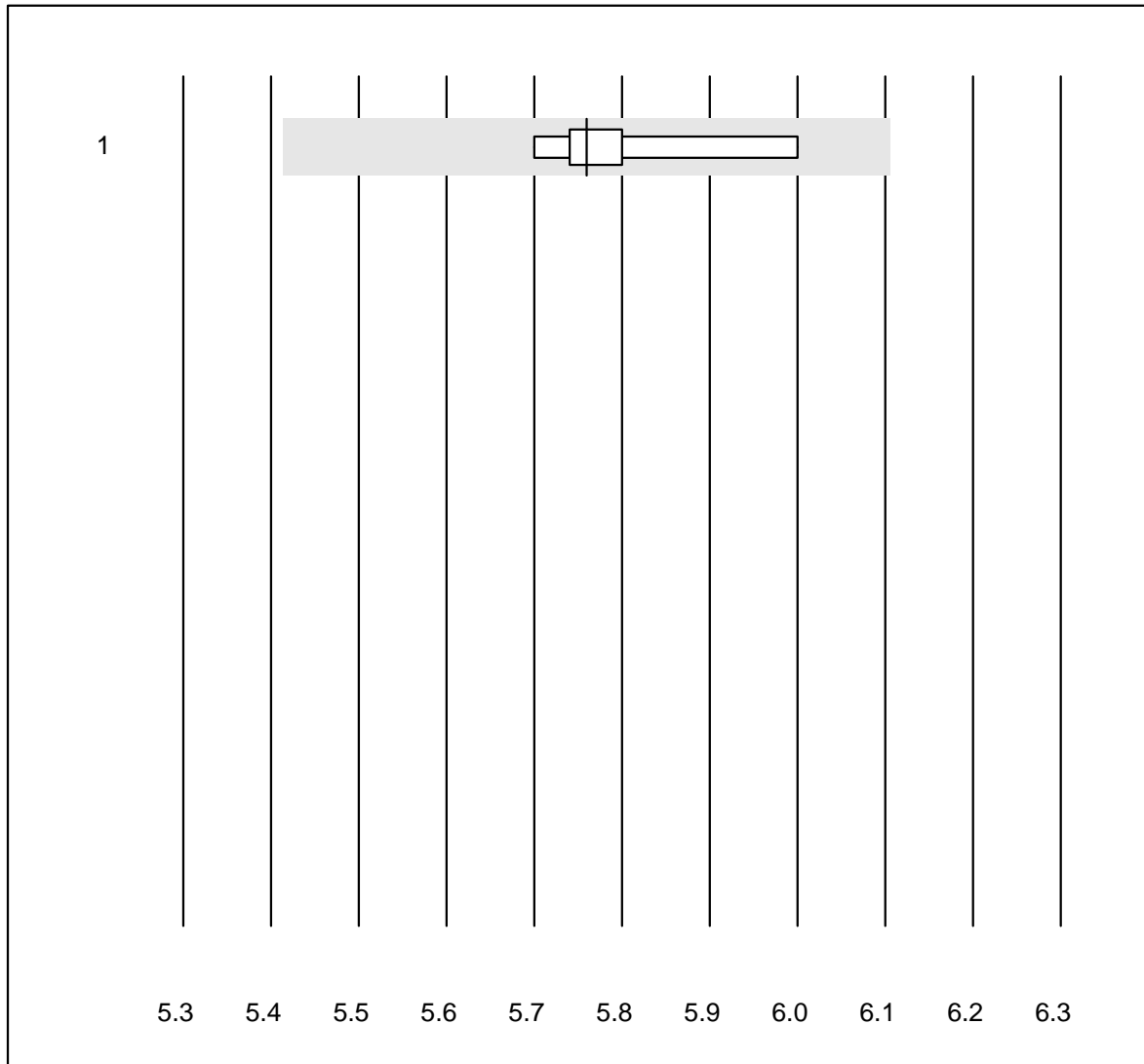
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	OPTI CCA	12	91.7	0.0	8.3	18.56	3.9	e

pH CCA



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	OPTI CCA	12	100.0	0.0	0.0	7.61	0.2	e

Potassium CCA

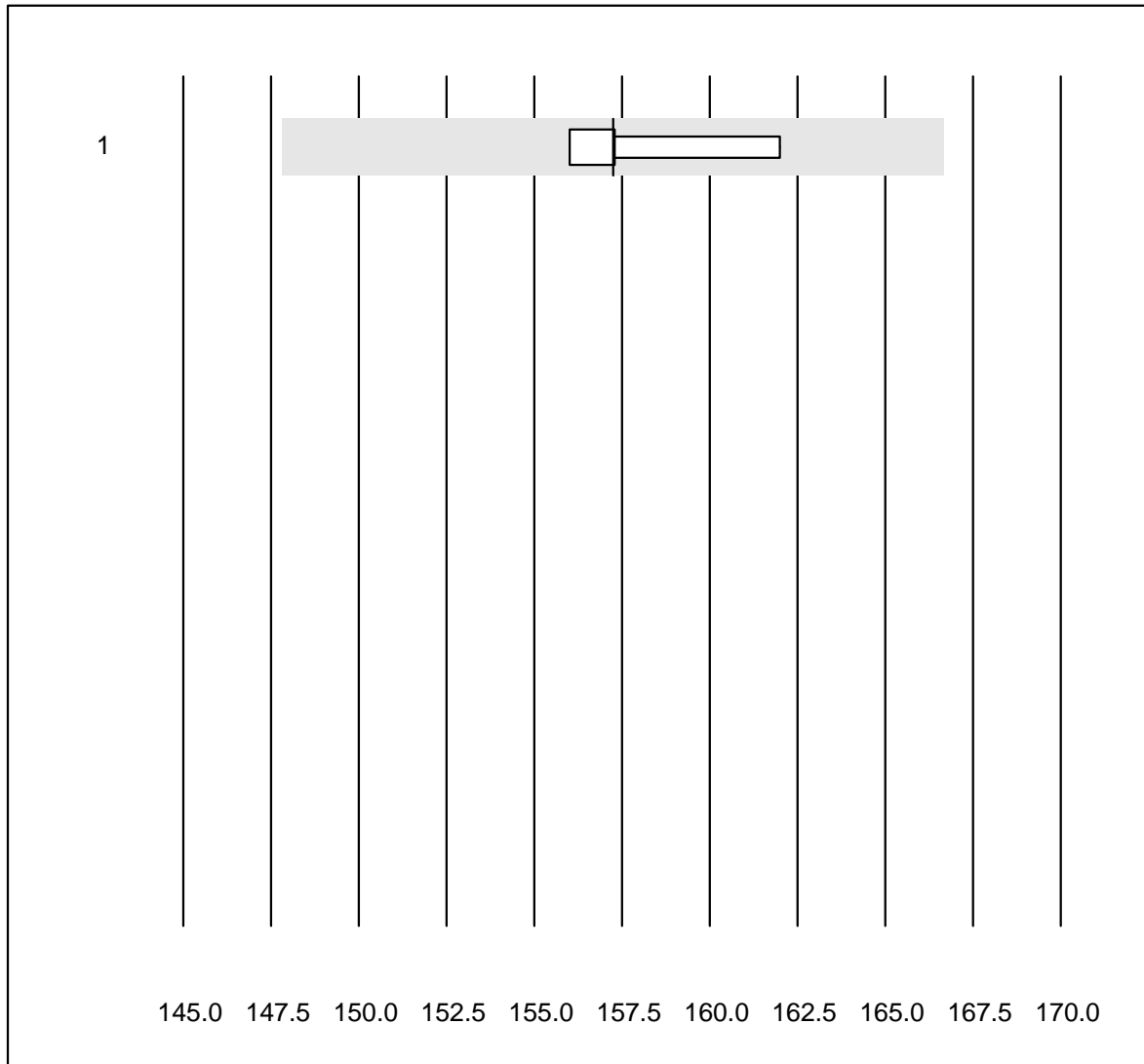


QUALAB tolerance : 6 %

Potassium CCA (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	5	100.0	0.0	0.0	5.8	2.0	e*

Sodium CCA

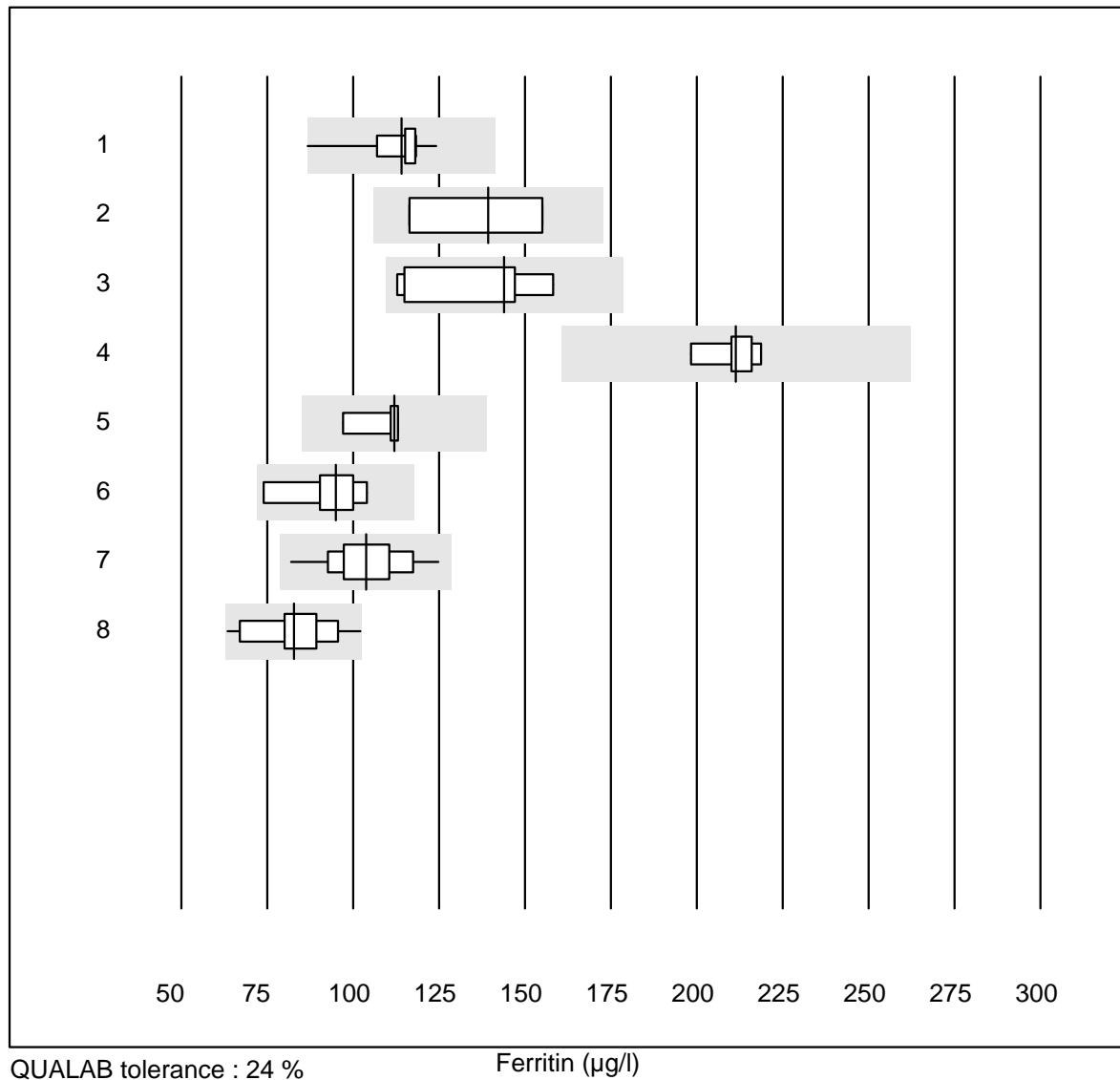


QUALAB tolerance : 6 %

Sodium CCA (mmol/l)

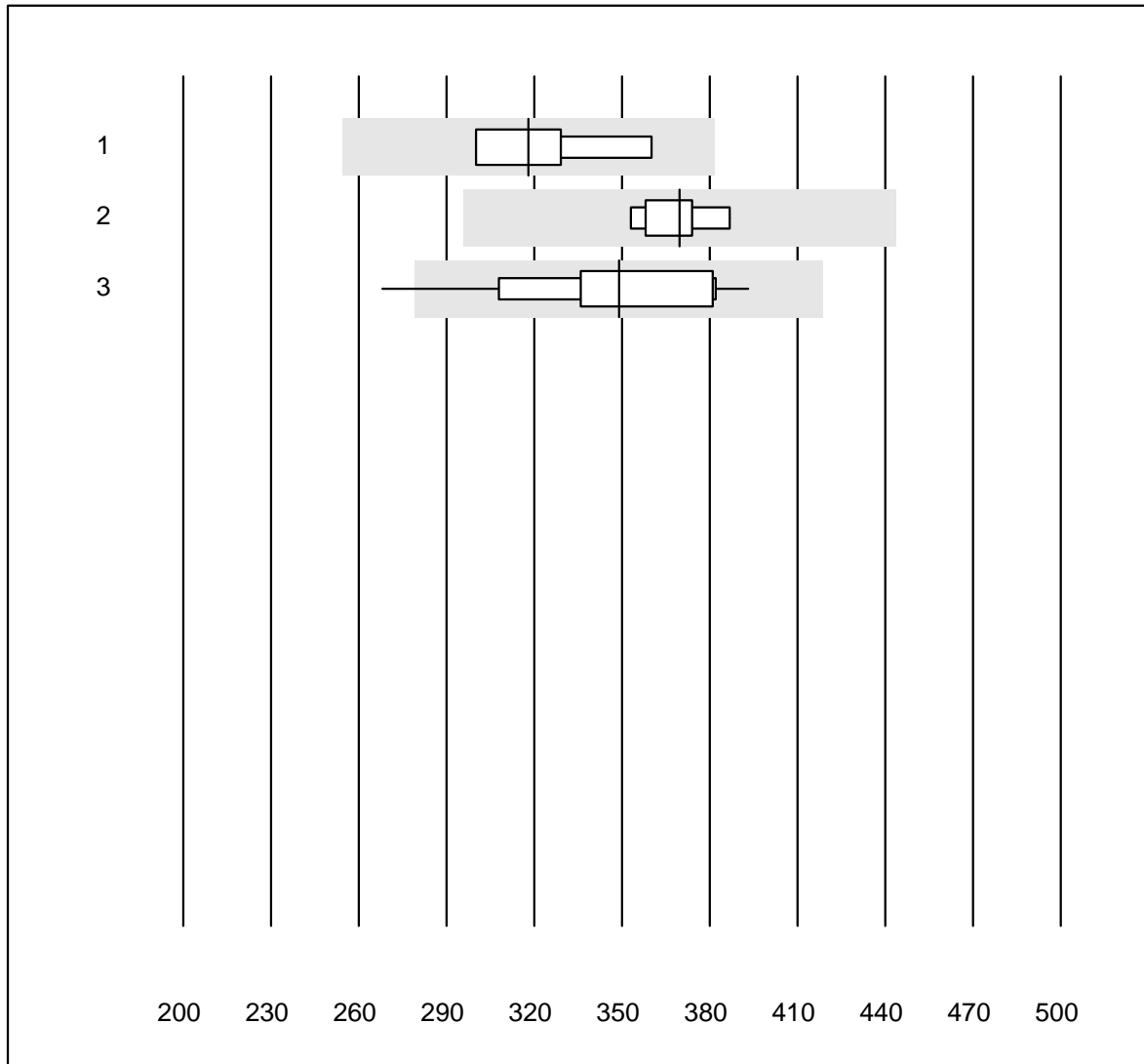
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	4	100.0	0.0	0.0	157.3	1.7	e*

Ferritin



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Beckman	13	100.0	0.0	0.0	114.06	7.9	e
2	all Participants	4	75.0	0.0	25.0	139.25	15.6	e*
3	Cobas E / Elecsys	8	100.0	0.0	0.0	144.00	13.0	e*
4	Architect	5	100.0	0.0	0.0	211.40	3.7	e
5	Mira/DiaSys	5	100.0	0.0	0.0	112.00	6.3	e
6	Mini Vidas	5	100.0	0.0	0.0	94.91	12.6	e*
7	AFIAS	22	100.0	0.0	0.0	103.71	9.6	e
8	Eurolyser	18	100.0	0.0	0.0	82.75	10.9	e

Vitamin B12

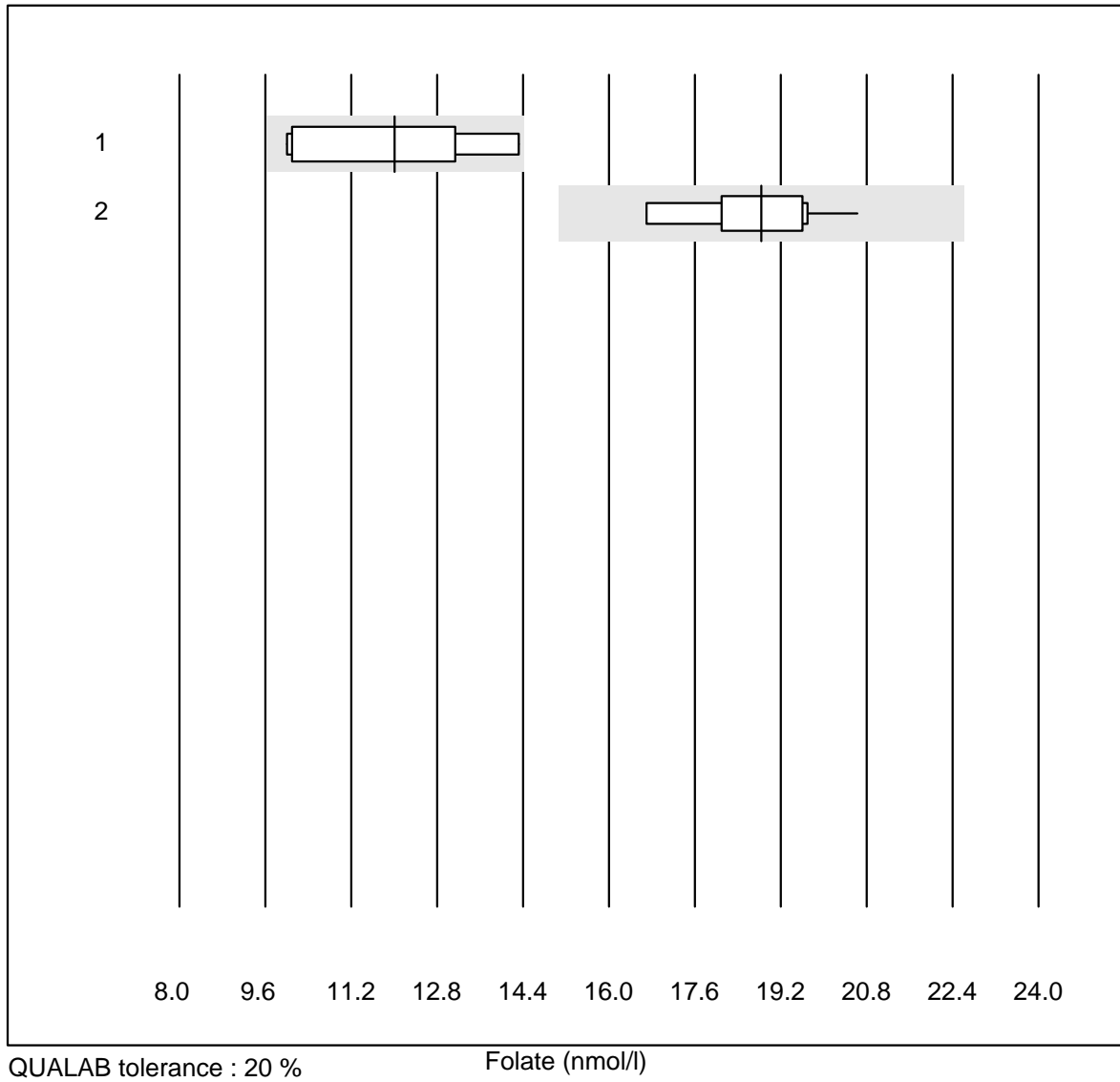


QUALAB tolerance : 20 %

Vitamin B12 (pmol/l)

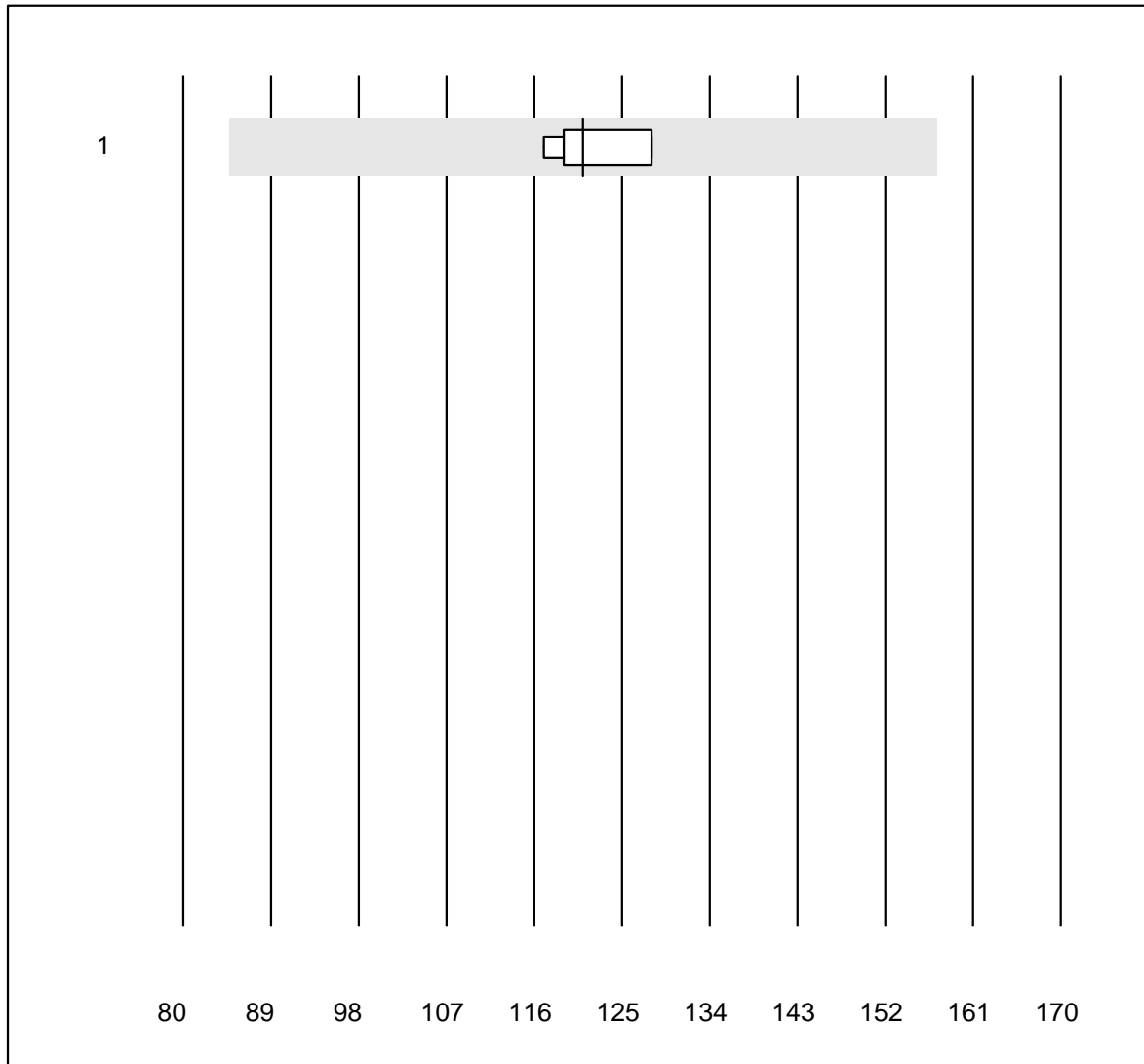
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	318.00	8.3	e*
2	Cobas E / Elecsys	8	100.0	0.0	0.0	369.65	2.9	e
3	Architect	11	90.9	9.1	0.0	349.03	10.4	e*

Folate



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	8	100.0	0.0	0.0	12.01	14.0	e*
2	Architect	10	100.0	0.0	0.0	18.84	5.9	e

Holotranscobalamine

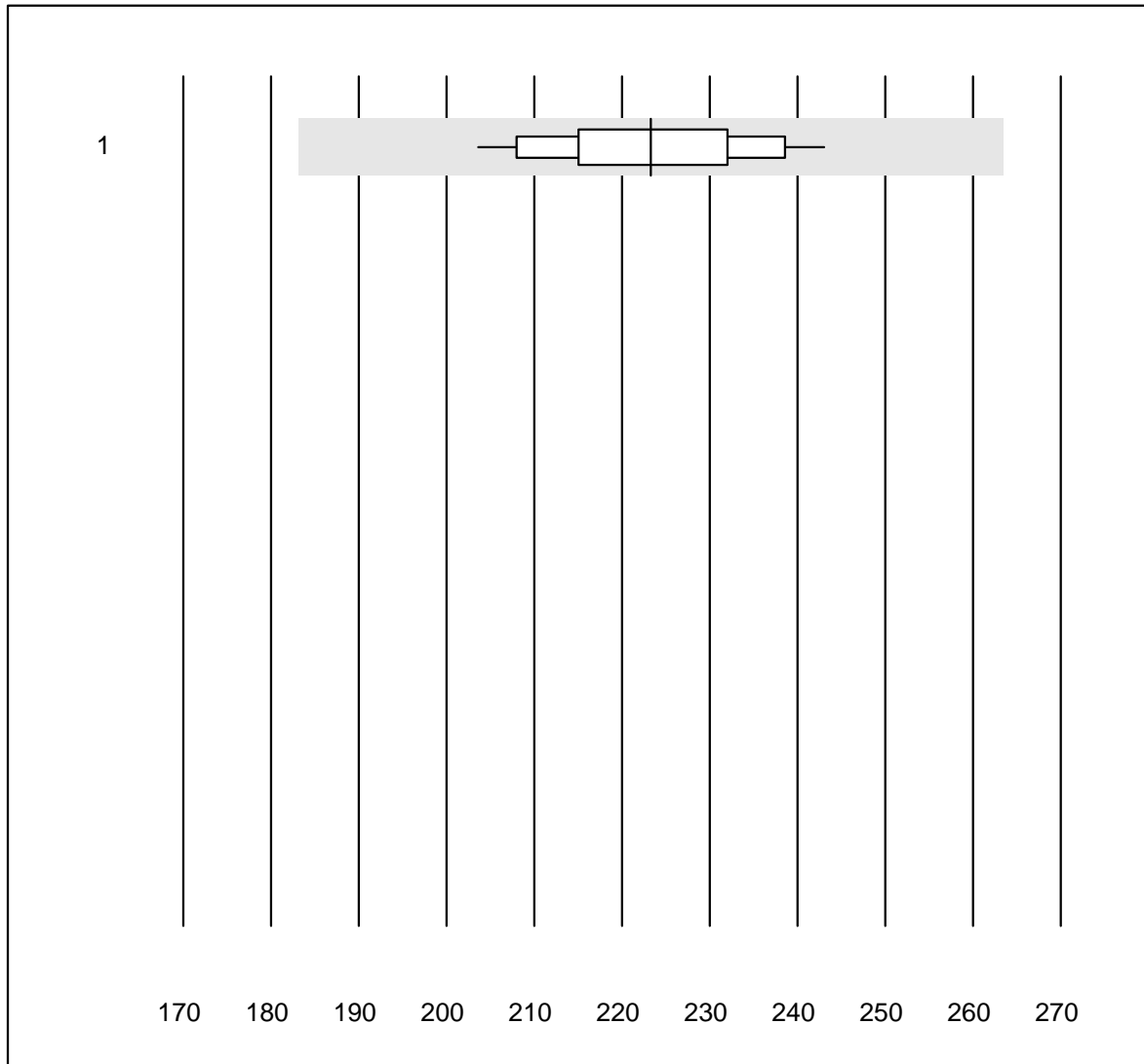


QUALAB tolerance : 30 %

Holotranscobalamine (pmol/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Architect	5	100.0	0.0	0.0	121	4.2	e

Bilirubin total Neo

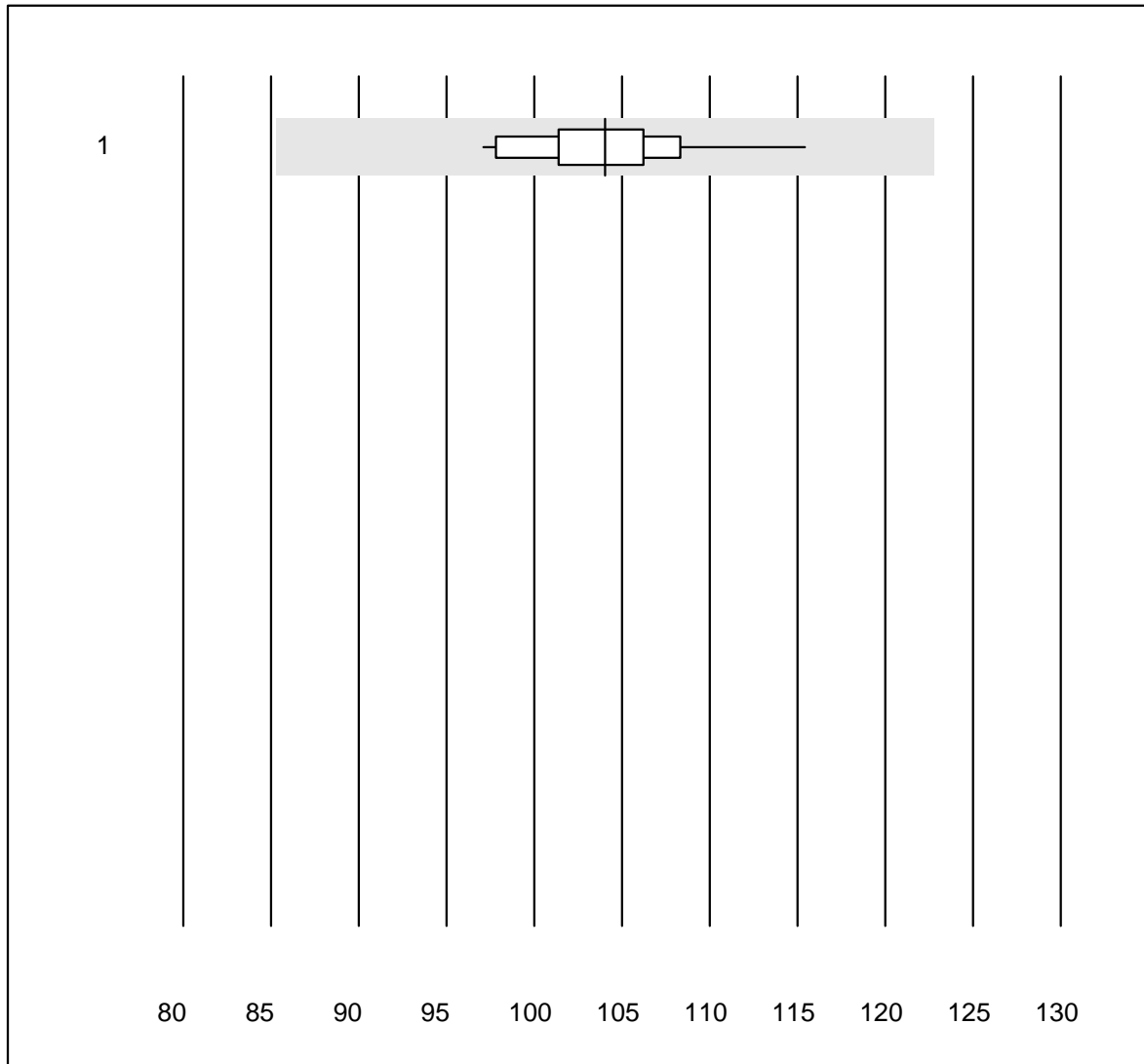


QUALAB tolerance : 18 %

Bilirubin total Neo (µmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	16	100.0	0.0	0.0	223	5.0	e

Bilirubin direct

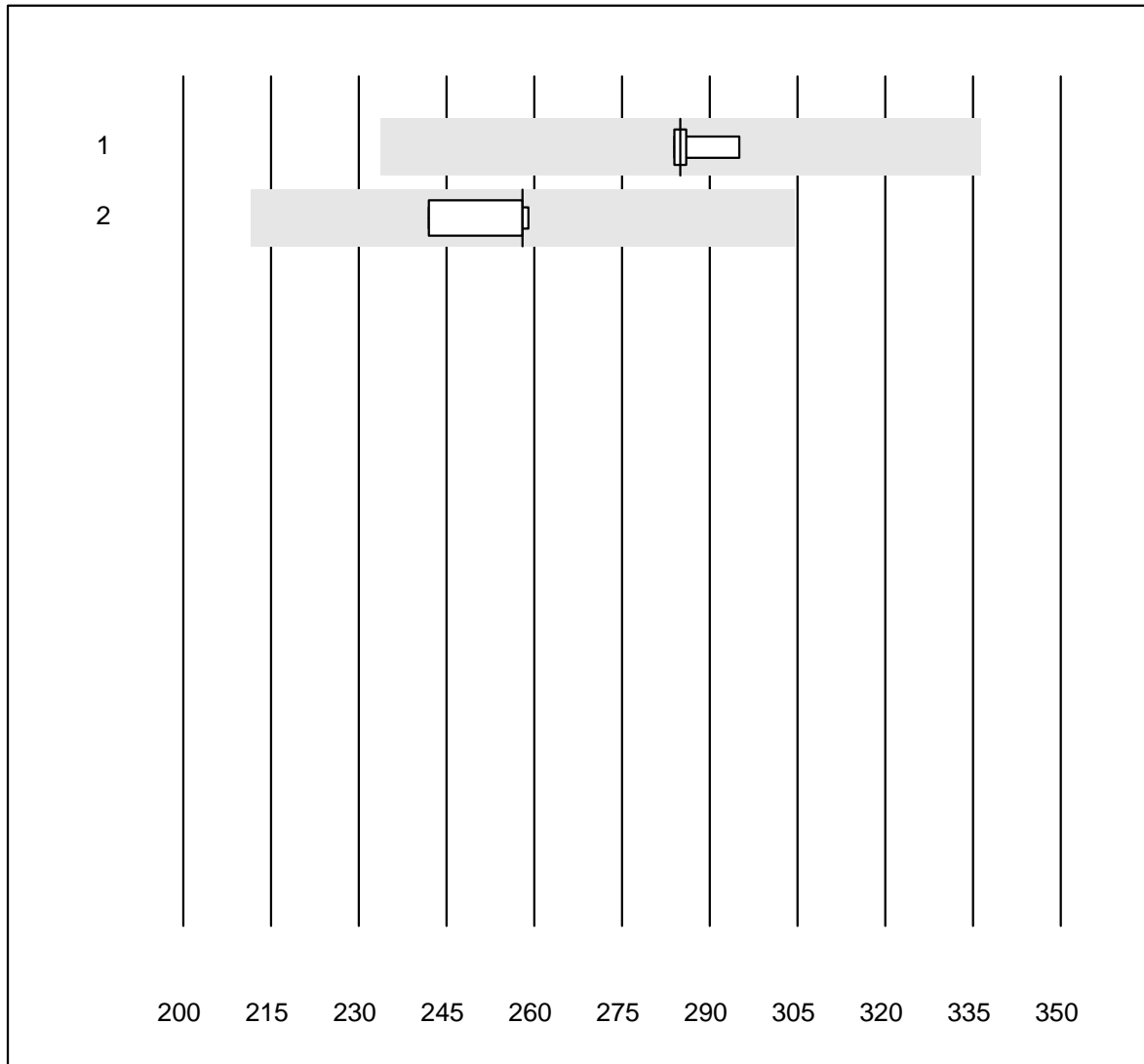


QUALAB tolerance : 18 %

Bilirubin direct (µmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	14	100.0	0.0	0.0	104	4.6	e

Bilirubin neonatal

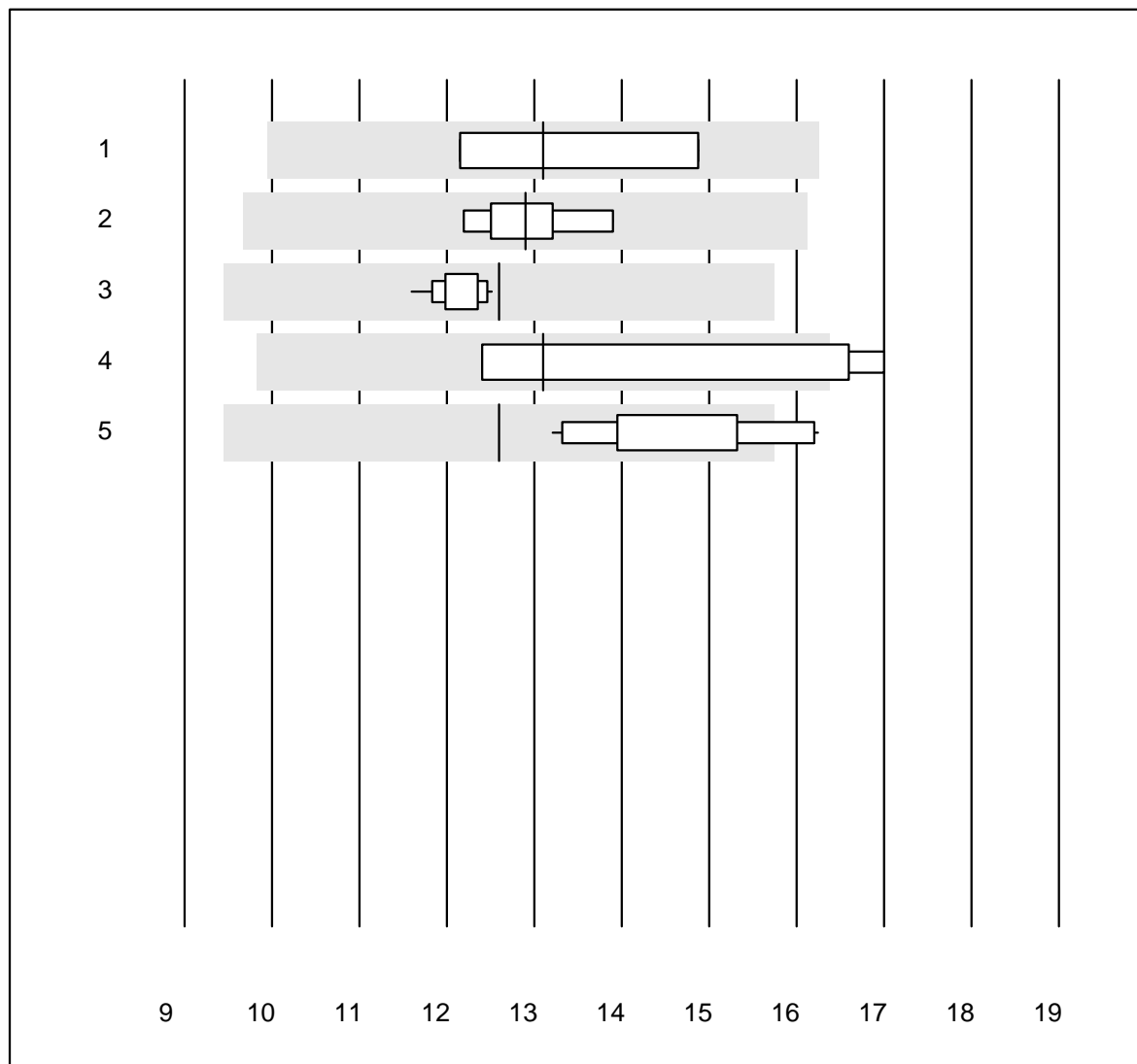


QUALAB tolerance : 18 %

Bilirubin neonatal (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	285	1.6	e
2	ABL700/800	4	100.0	0.0	0.0	258	3.2	e

PSA

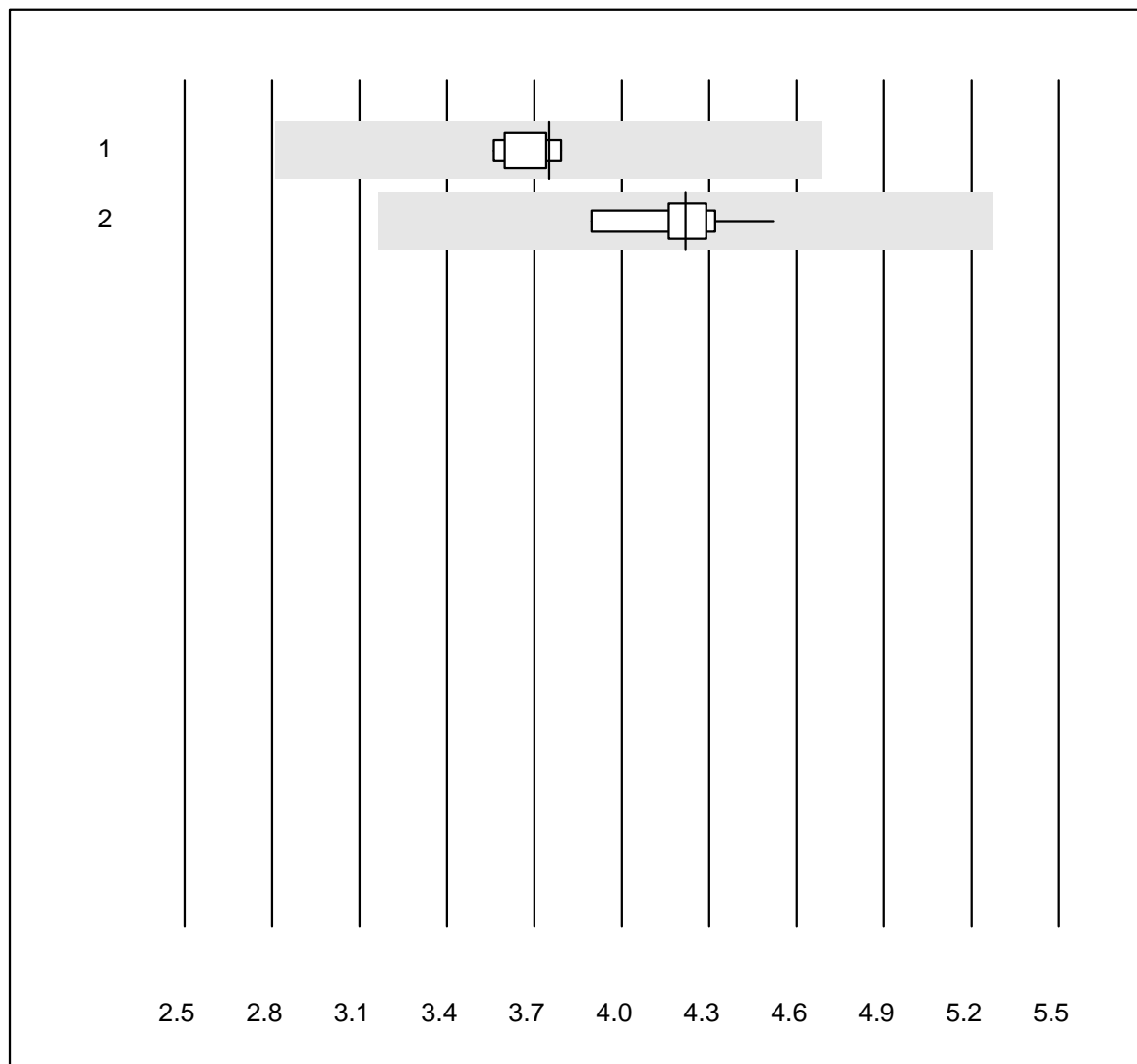


QUALAB tolerance : 25 %

PSA (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	4	75.0	0.0	25.0	13.10	10.1	a
2	Cobas E / Elecsys	9	100.0	0.0	0.0	12.90	4.9	a
3	Architect	12	100.0	0.0	0.0	12.60	2.3	a
4	Qualigen	5	40.0	40.0	20.0	13.10	14.3	a
5	AFIAS	18	77.7	16.7	5.6	12.60	6.5	a

free PSA



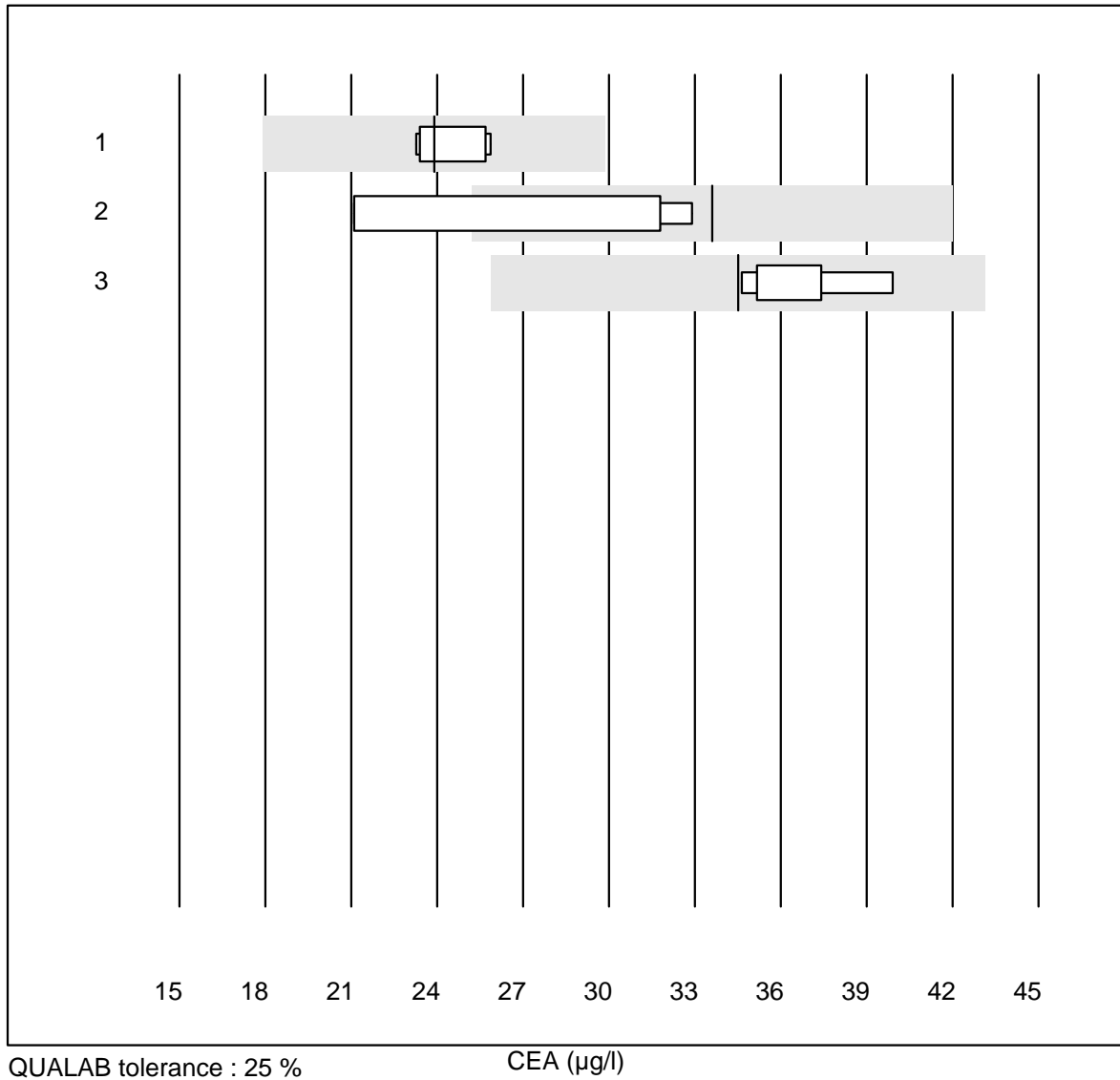
QUALAB tolerance : 25 %

free PSA (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	3.75	2.8	a
2	Architect	10	100.0	0.0	0.0	4.22	3.9	a

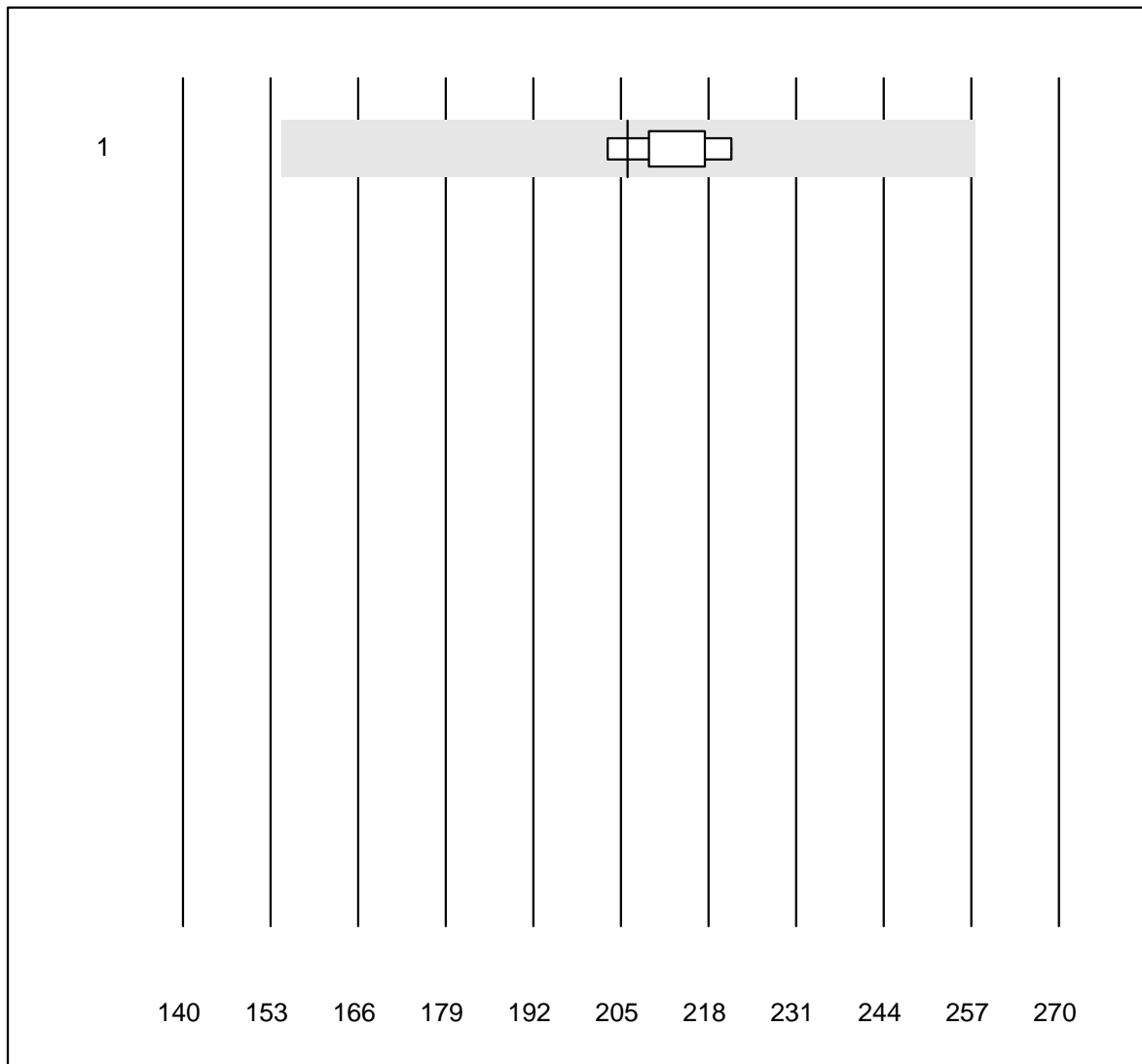
K14 Tumor Markers

CEA



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	23.9	4.8	a
2	ADVIA Centaur XP/CP	4	75.0	25.0	0.0	33.6	18.6	a
3	Architect	9	88.9	0.0	11.1	34.5	4.7	a

CA 125

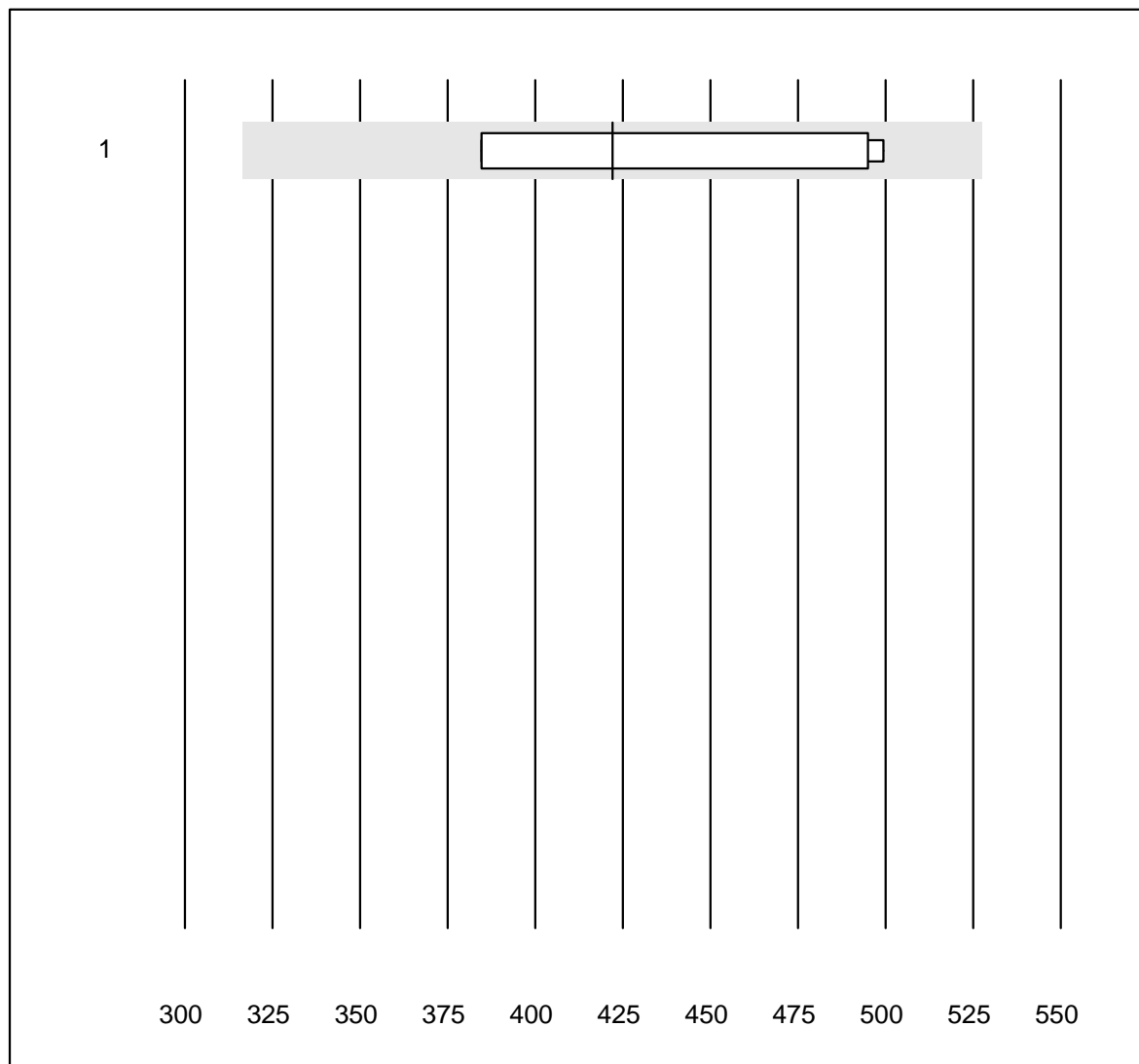


QUALAB tolerance : 25 %

CA 125 (kIU/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	6	100.0	0.0	0.0	206.0	3.2	a

CA 19-9

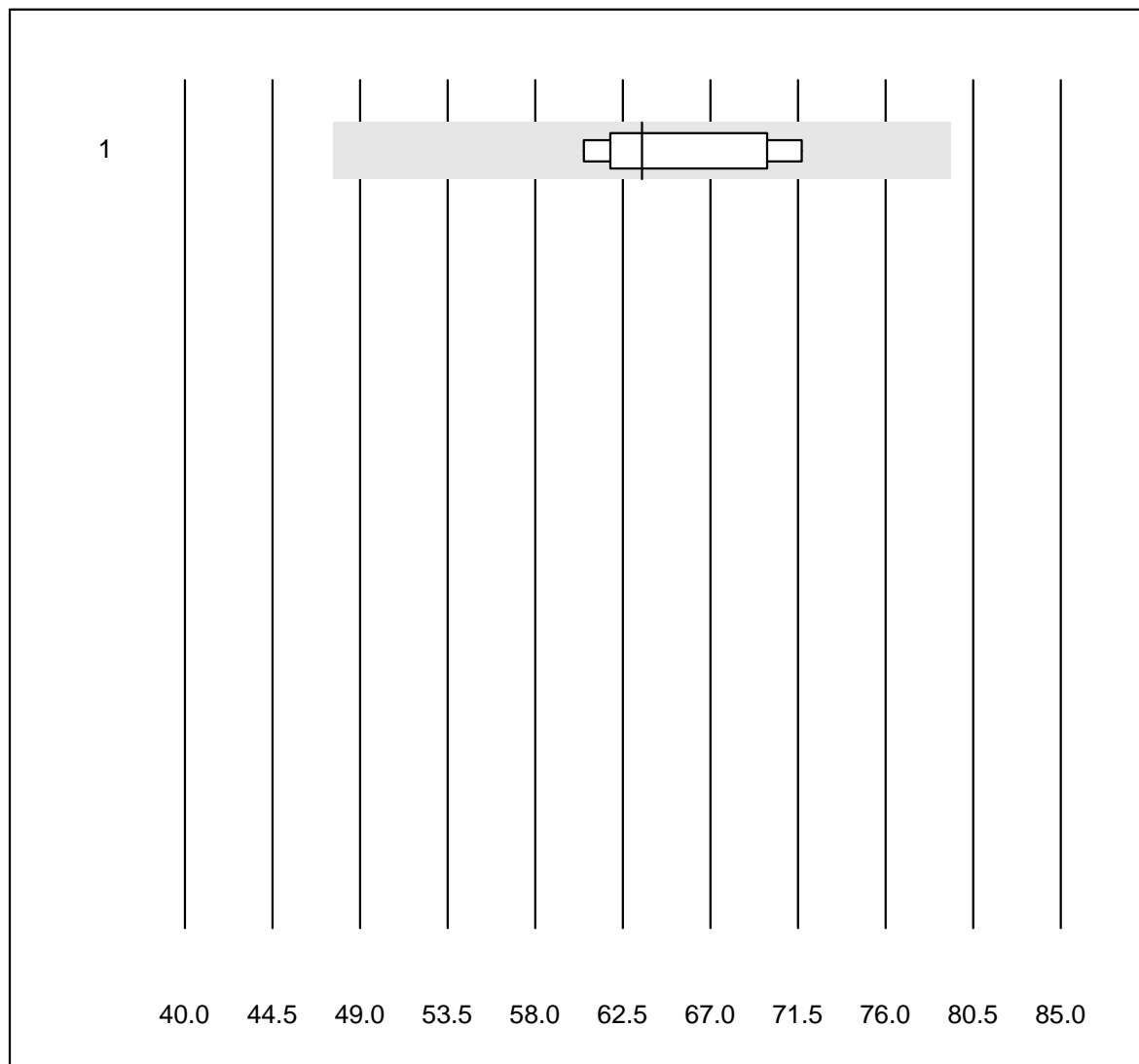


QUALAB tolerance : 25 %

CA 19-9 (kIU/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	422.0	13.1	a

CA 15-3

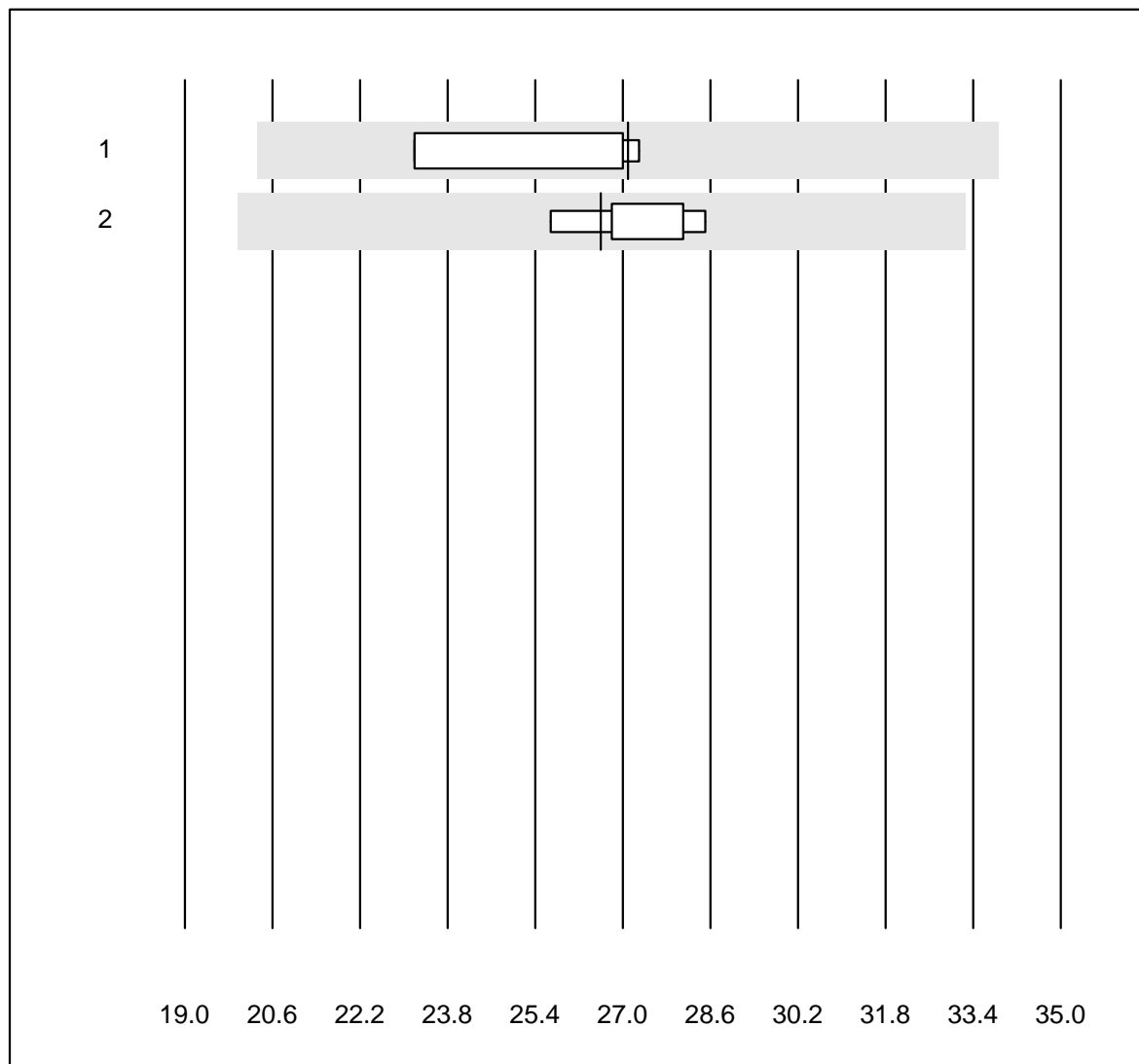


QUALAB tolerance : 25 %

CA 15-3 (kIU/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	6	100.0	0.0	0.0	63.5	7.0	a

AFP

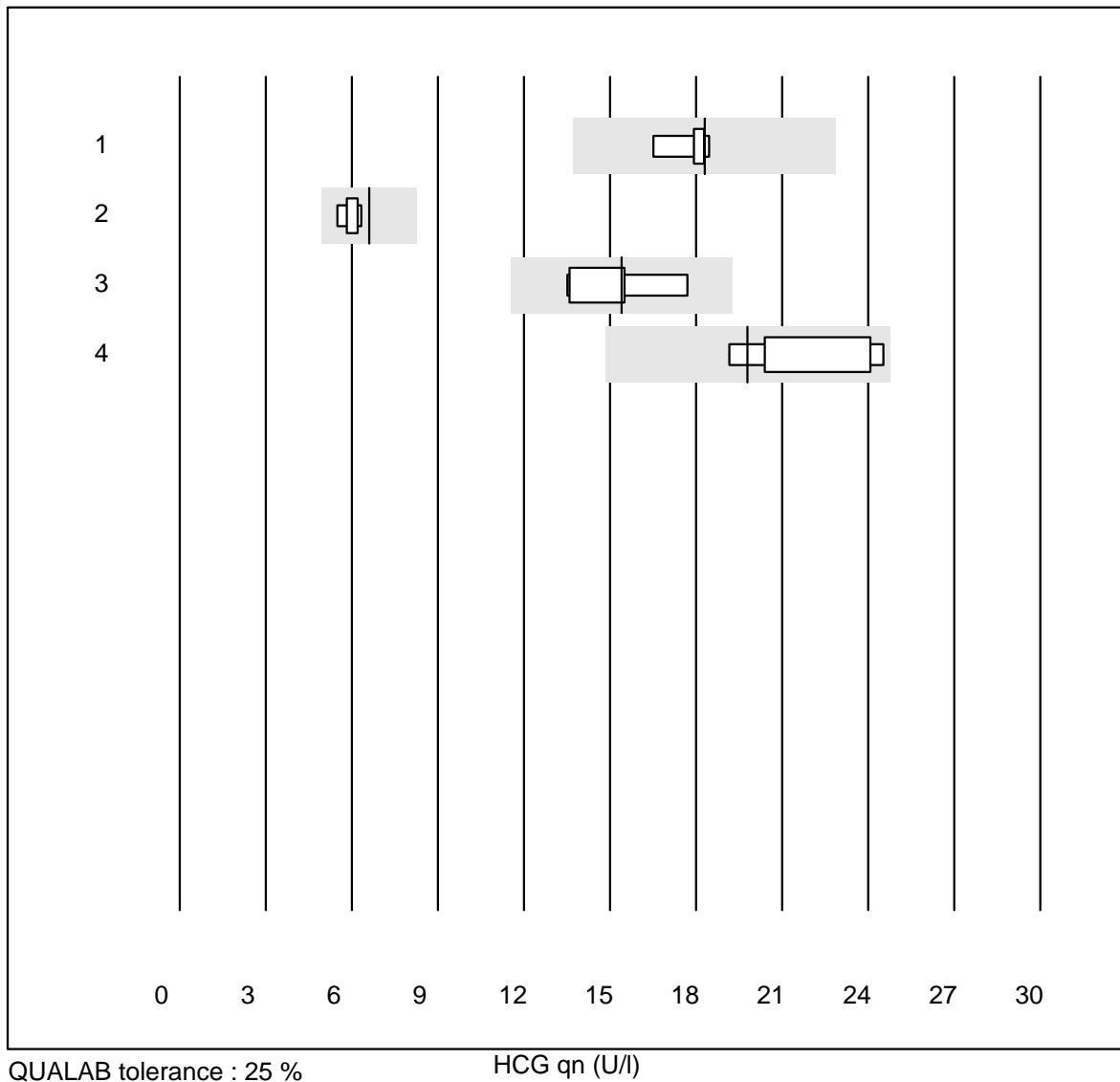


QUALAB tolerance : 25 %

AFP (µg/l)

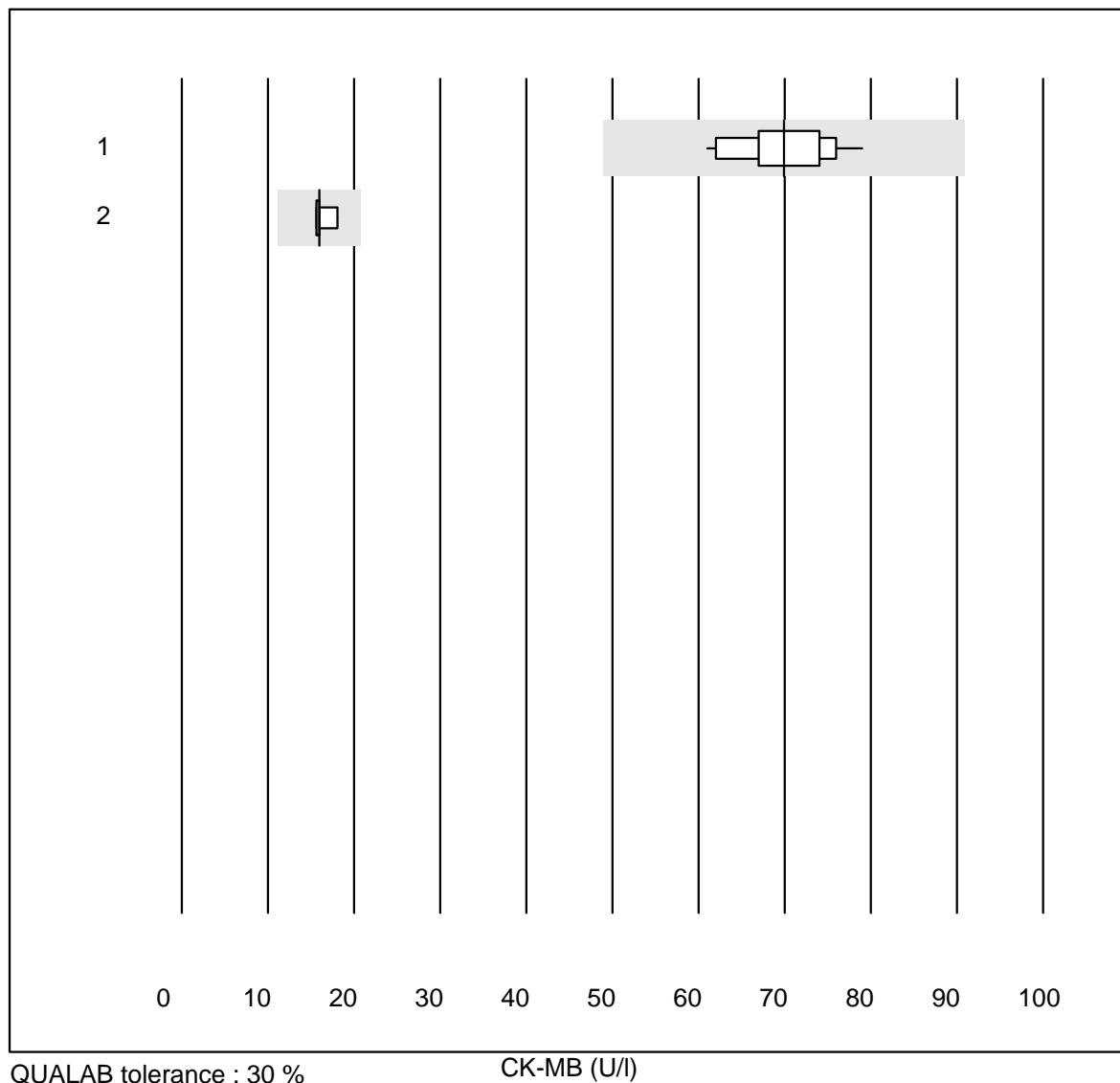
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	27	7.2	a
2	Architect	6	100.0	0.0	0.0	27	3.8	a

HCG qn



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	18	4.4	a
2	VIDAS	9	100.0	0.0	0.0	7	4.7	a
3	Architect	6	100.0	0.0	0.0	15	10.5	a
4	AFIAS	7	85.7	0.0	14.3	20	9.9	a

CK-MB

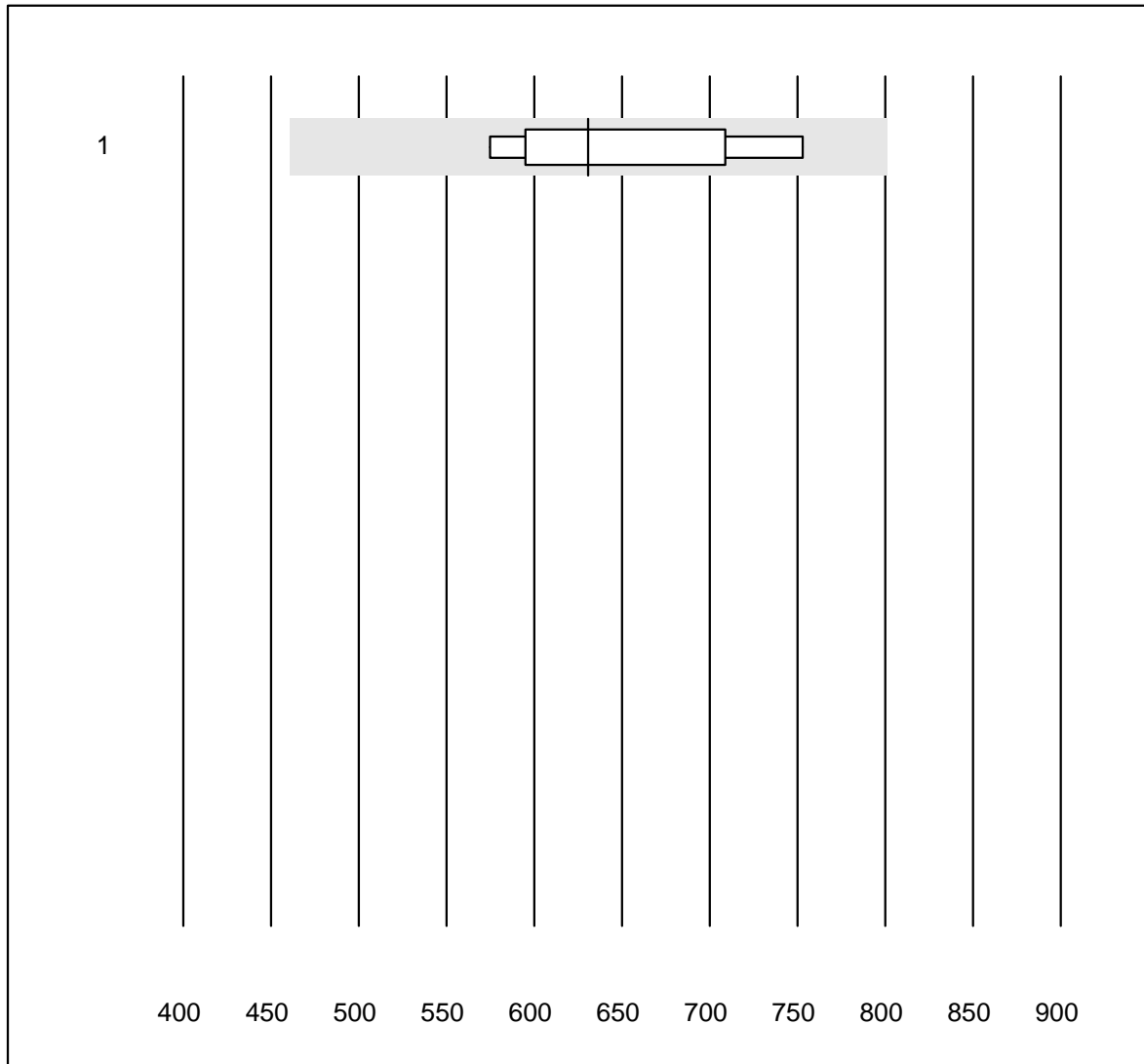


QUALAB tolerance : 30 %

CK-MB (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Fuji Dri-Chem	40	100.0	0.0	0.0	70.0	7.3	e
2	Cobas/Roche	4	100.0	0.0	0.0	16.0	6.9	e

BNP

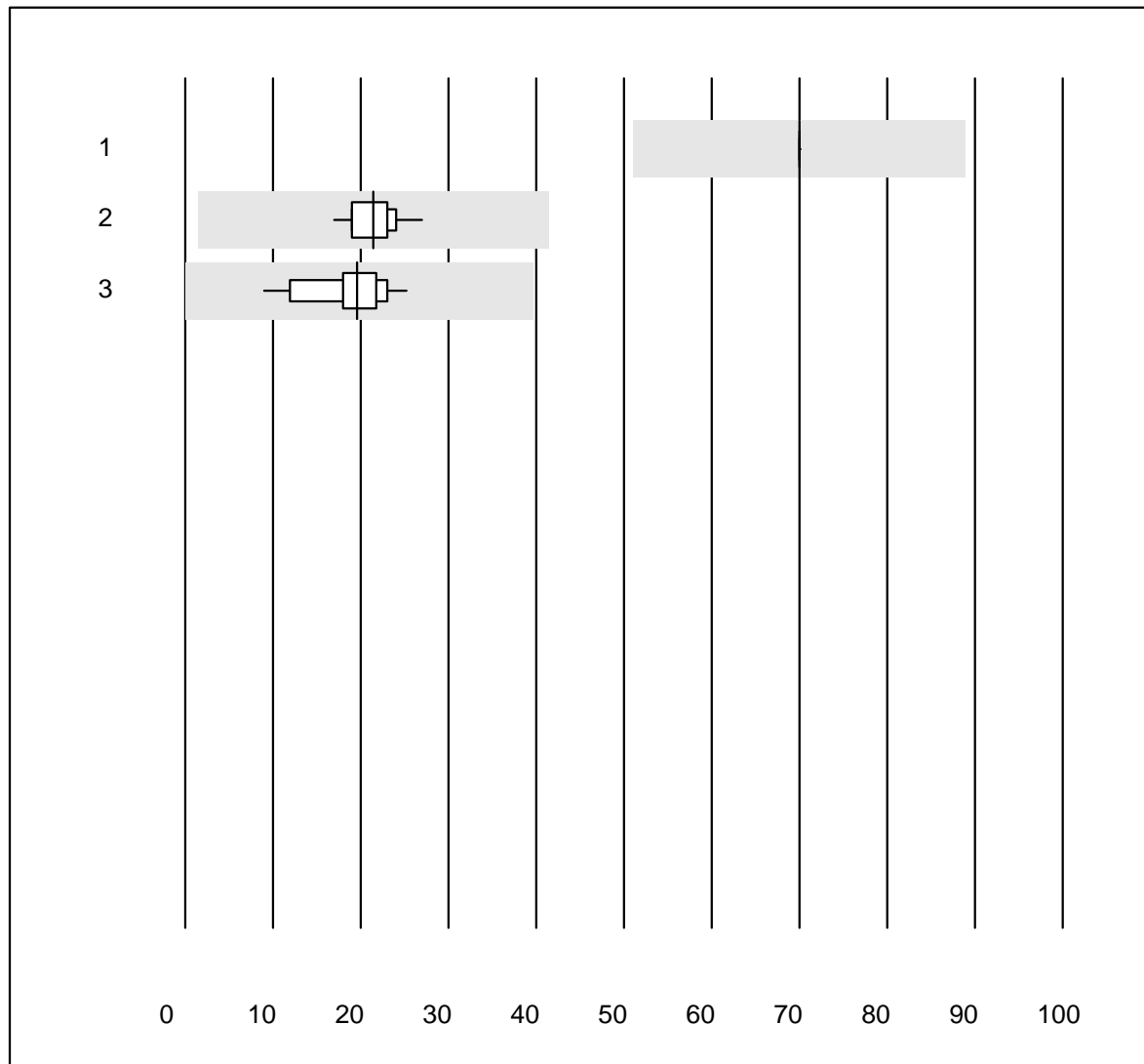


QUALAB tolerance : 27 %

BNP (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	6	100.0	0.0	0.0	630.7	10.7	e*

NT-proBNP

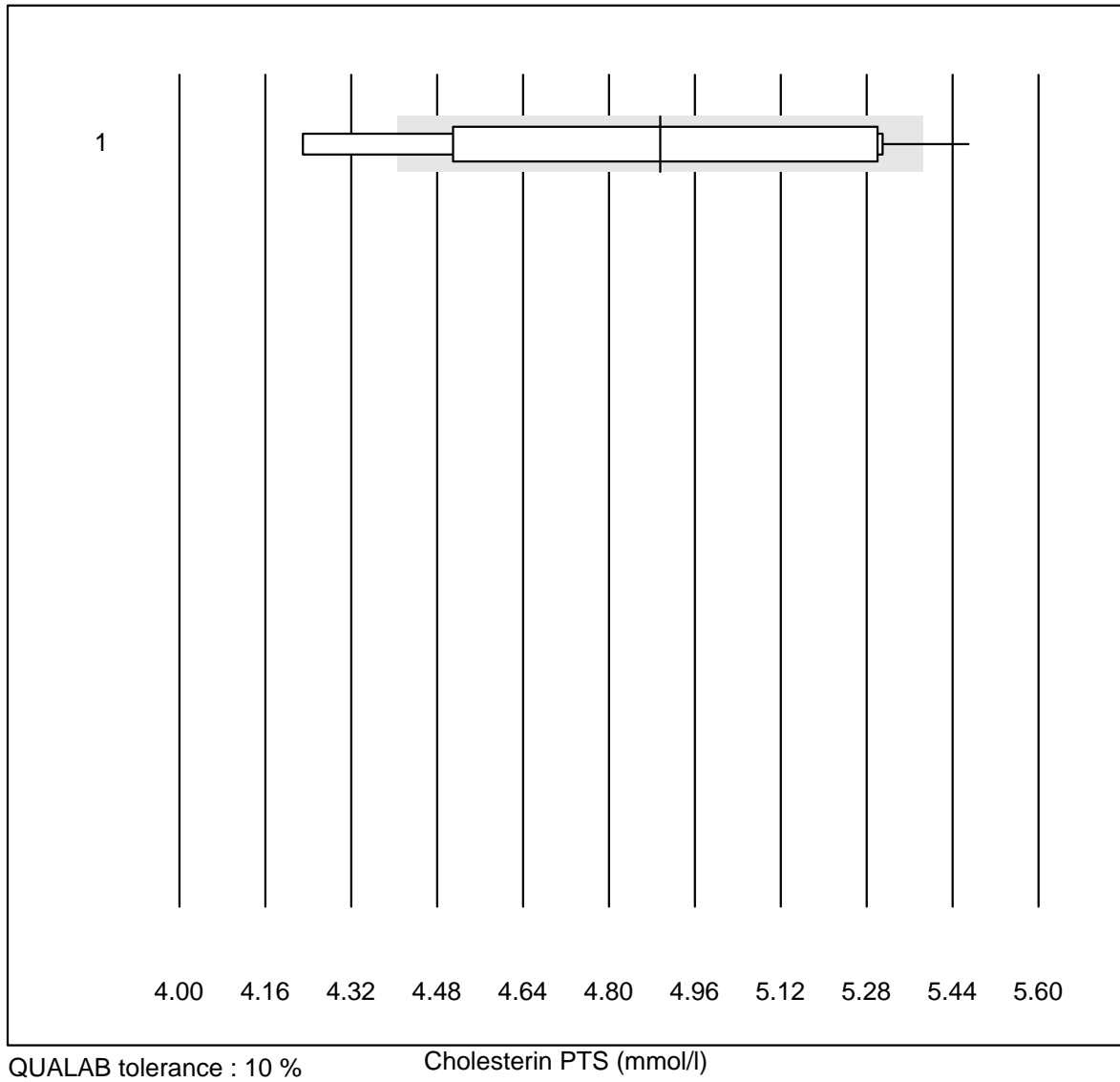


QUALAB tolerance : 27 %
(< 75.0: +/- 20.0 ng/l)

NT-proBNP (ng/l)

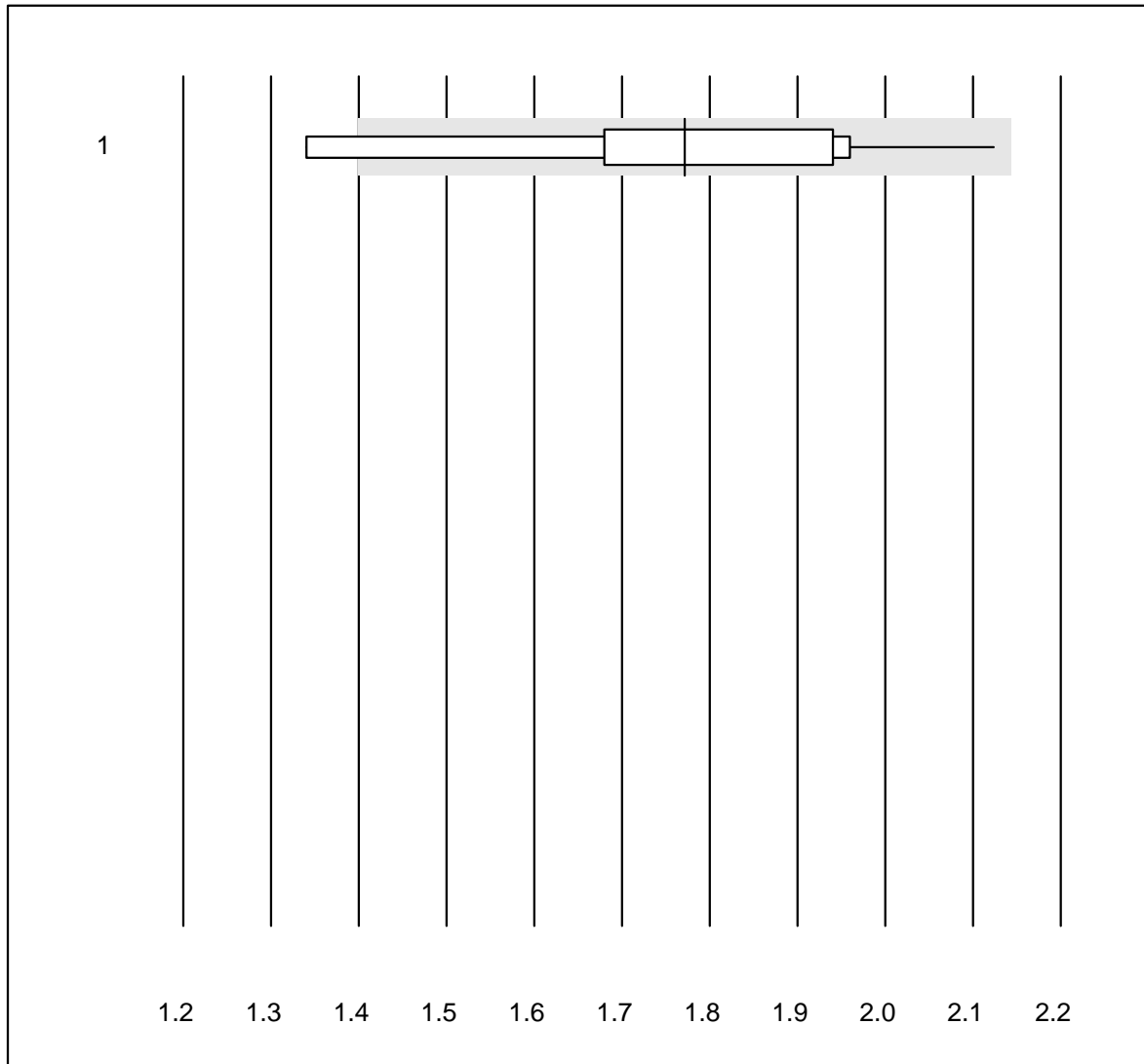
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AQT 90 FLEX	7	100.0	0.0	0.0	70.0	0.0	e
2	VIDAS	11	100.0	0.0	0.0	21.5	13.6	e*
3	Cobas E / Elecsys	13	100.0	0.0	0.0	19.6	23.3	e*

Cholesterin PTS



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	10	80.0	20.0	0.0	4.90	8.7	e*

Cholesterin HDL PTS

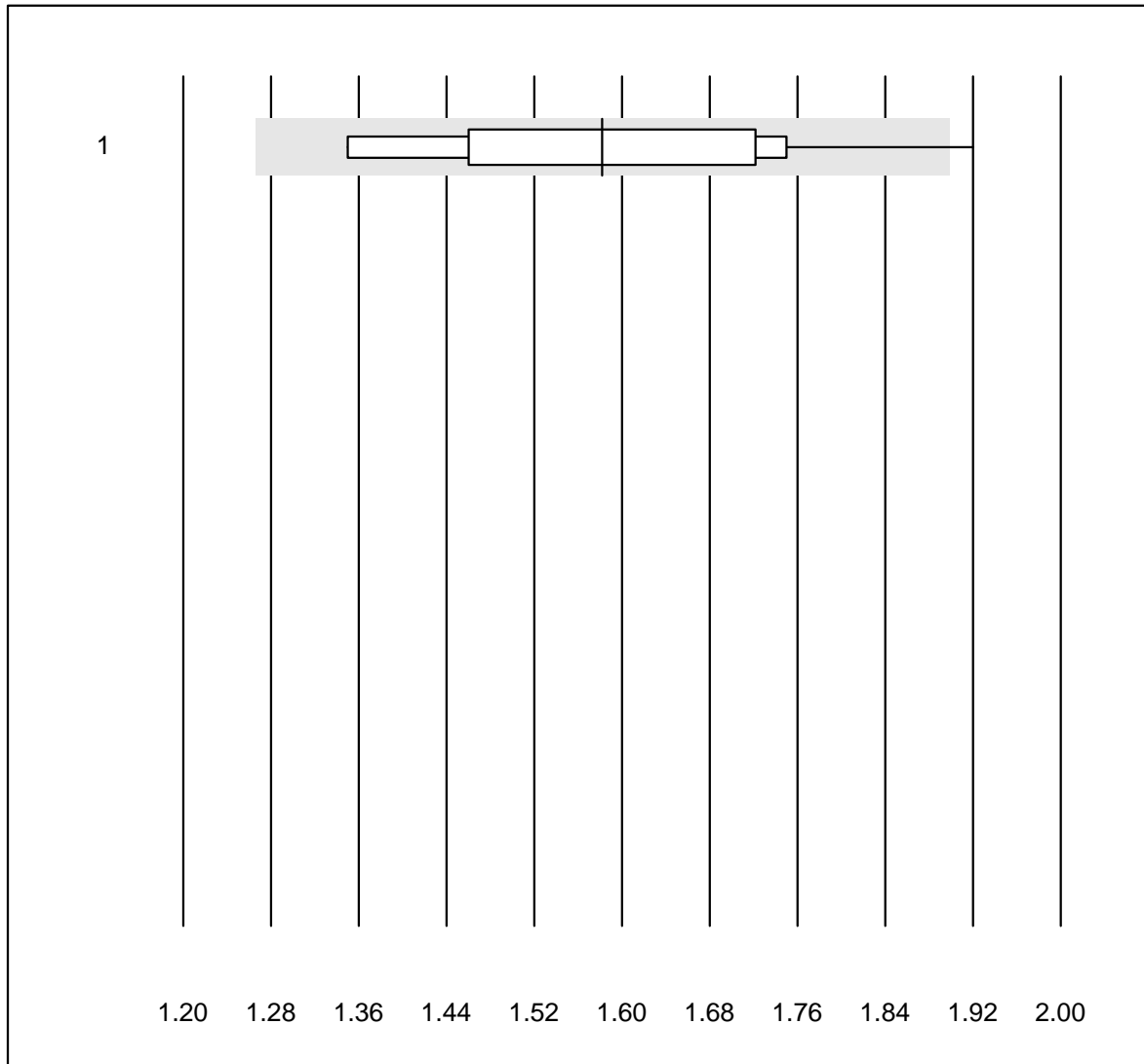


QUALAB tolerance : 21 %

Cholesterin HDL PTS (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	10	90.0	10.0	0.0	1.77	12.2	e*

Triglyceride PTS

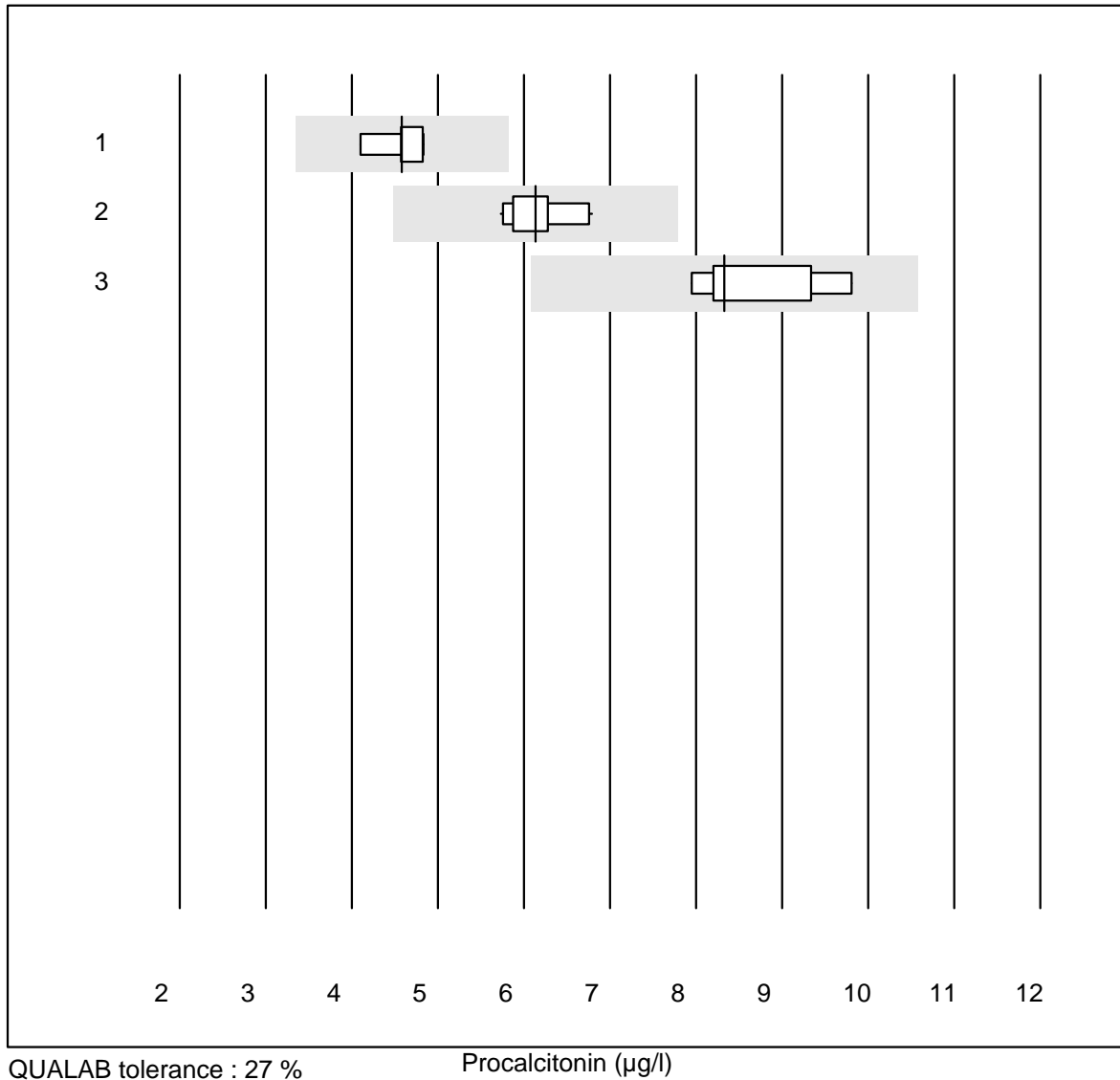


QUALAB tolerance : 20 %

Triglyceride PTS (mmol/l)

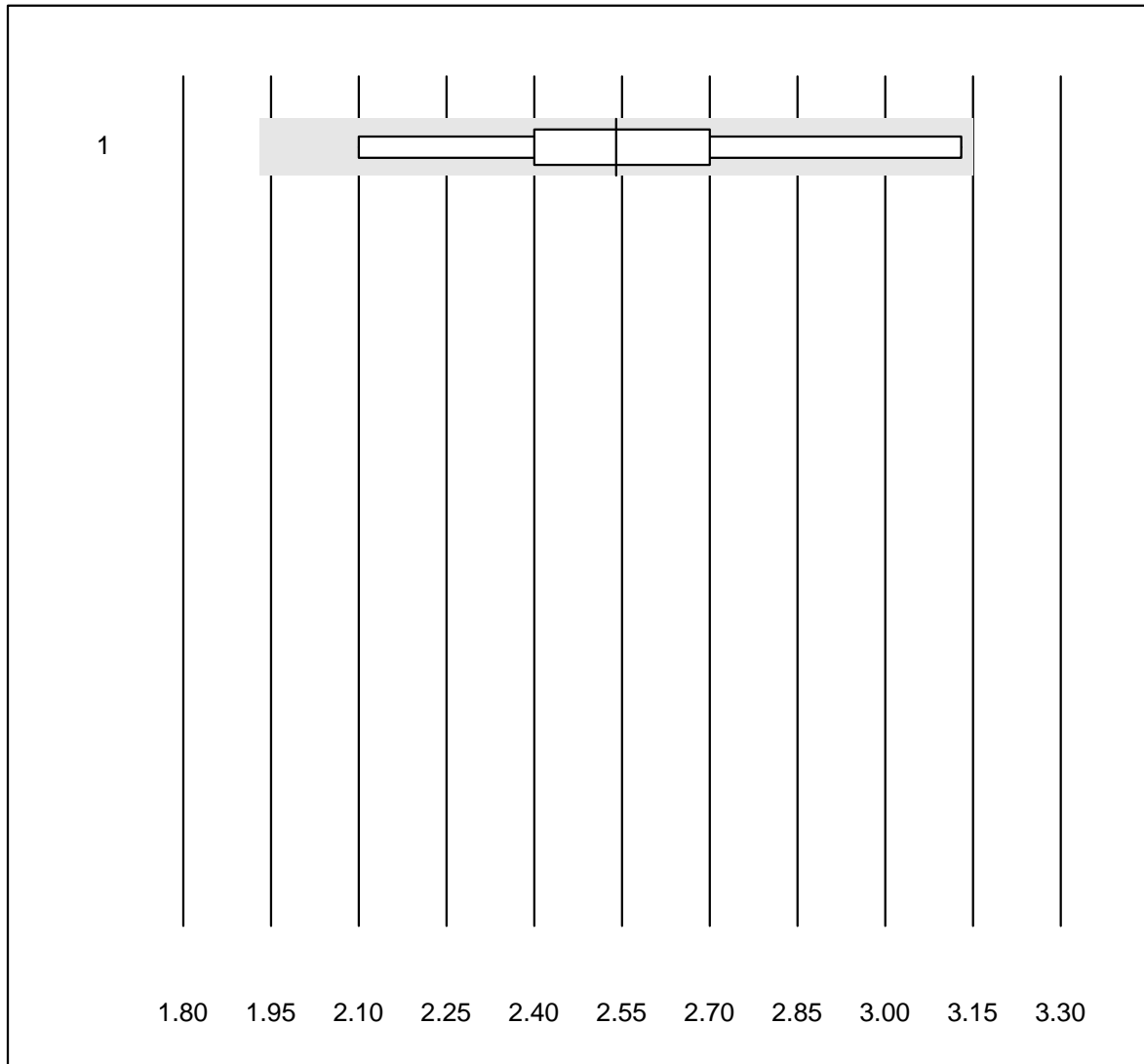
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	10	90.0	10.0	0.0	1.58	10.9	e*

Procalcitonin



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	5	100.0	0.0	0.0	4.58	6.5	e
2	VIDAS	19	100.0	0.0	0.0	6.13	5.7	e
3	Liason	6	100.0	0.0	0.0	8.33	8.6	e*

Parathyroid hormone

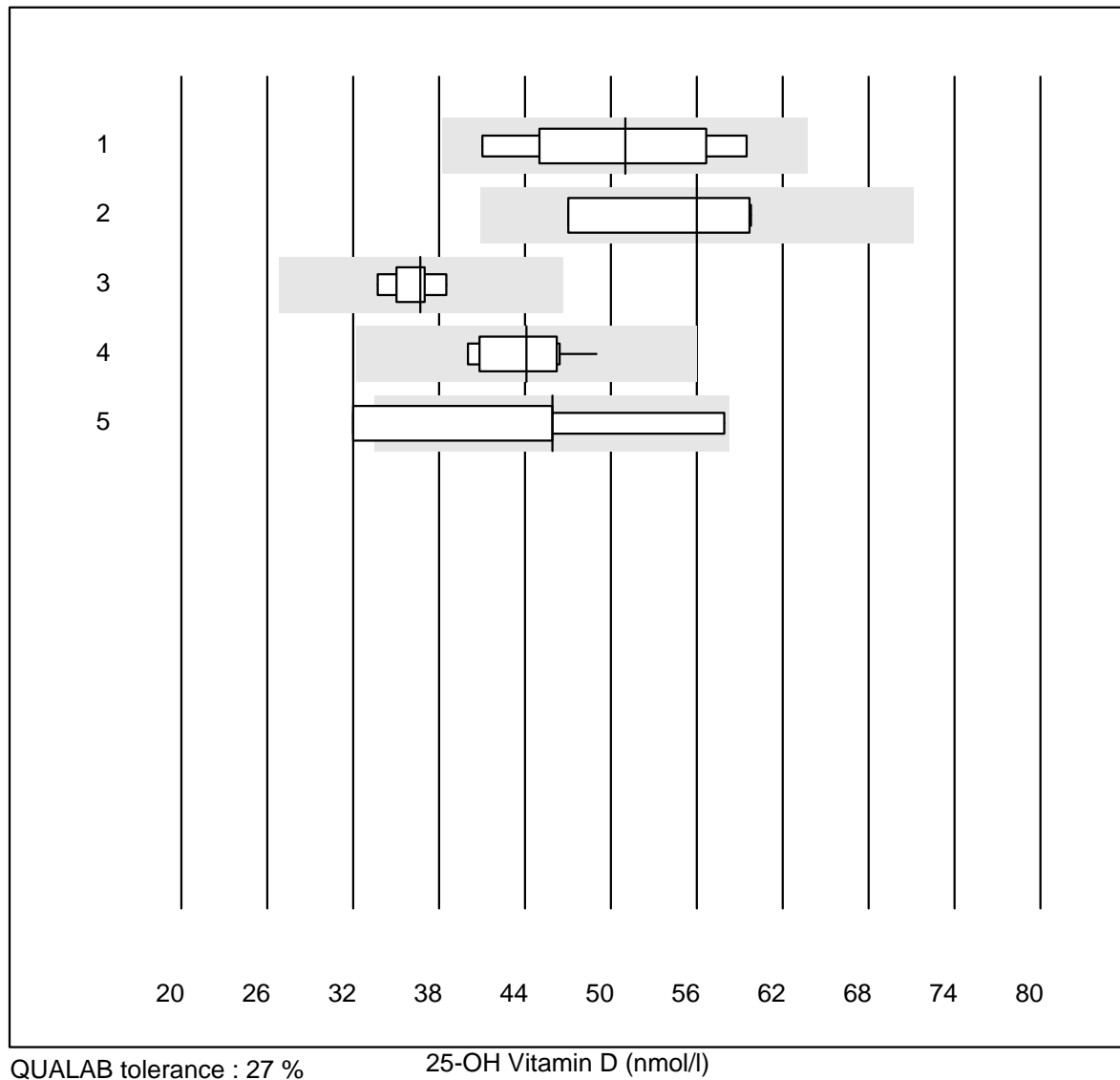


QUALAB tolerance : 24 %

Parathyroid hormone (pmol/l)

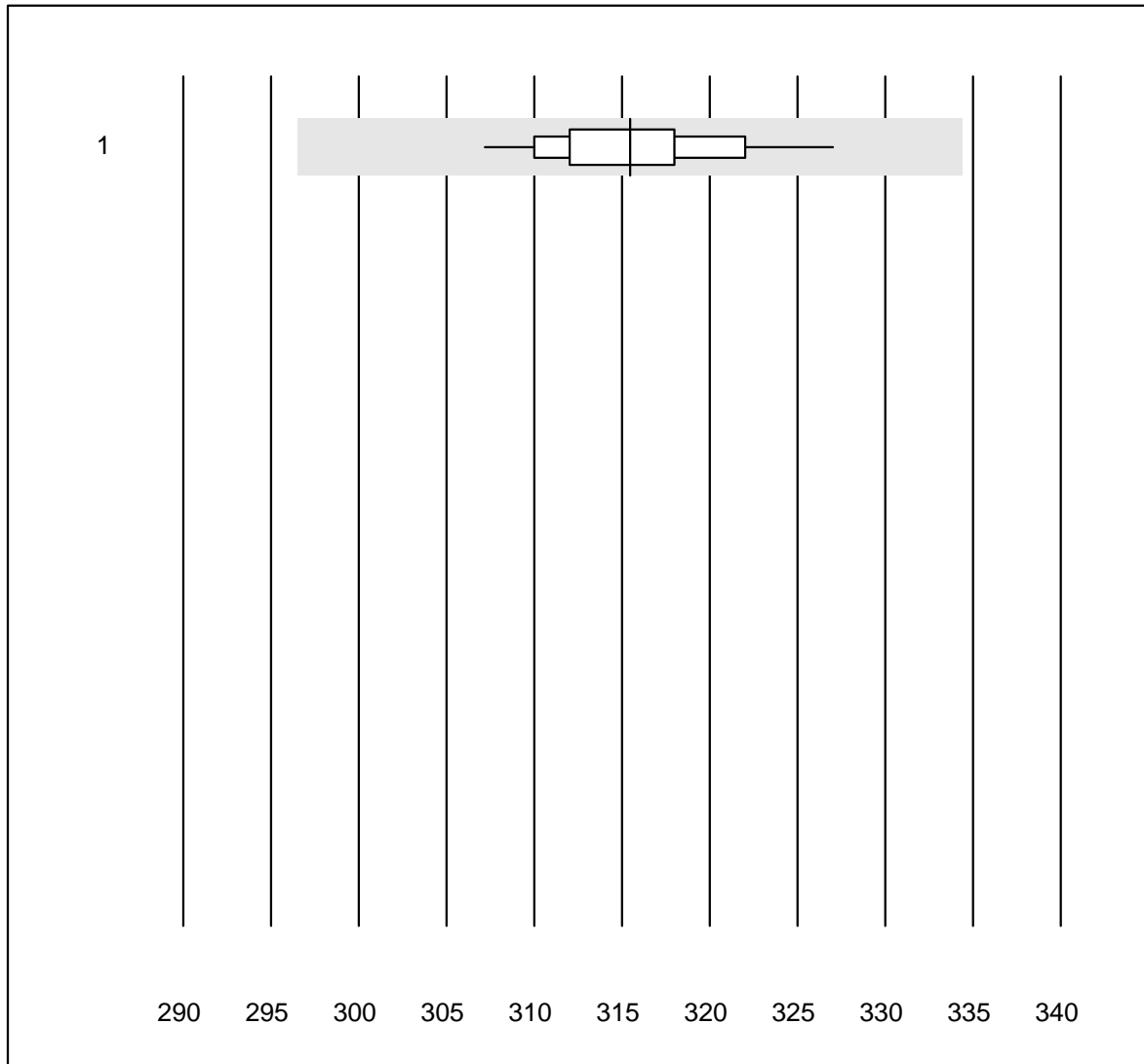
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas PTH STAT	6	100.0	0.0	0.0	2.5	13.3	e*

25-OH Vitamin D



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	5	100.0	0.0	0.0	51.0	15.4	a
2	Cobas	4	100.0	0.0	0.0	56.0	11.4	e*
3	VIDAS	6	83.3	0.0	16.7	36.7	5.1	e
4	Architect	11	100.0	0.0	0.0	44.1	6.7	e
5	Qualigen	5	40.0	40.0	20.0	45.9	29.6	e*

Osmolality

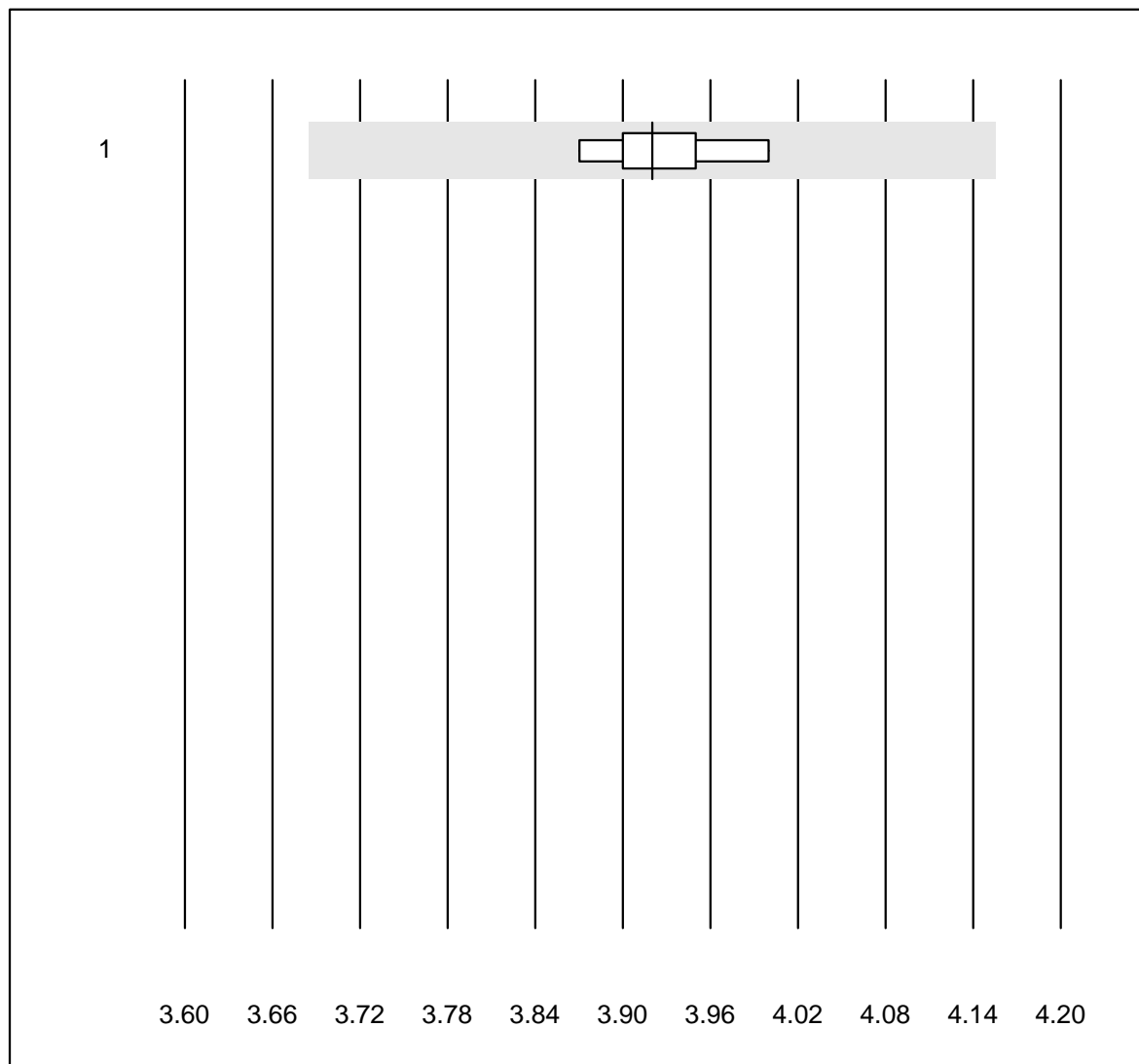


QUALAB tolerance : 6 %

Osmolality (mosm/kg)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Cryoscopy	14	100.0	0.0	0.0	315	1.7	e

Potassium - K22

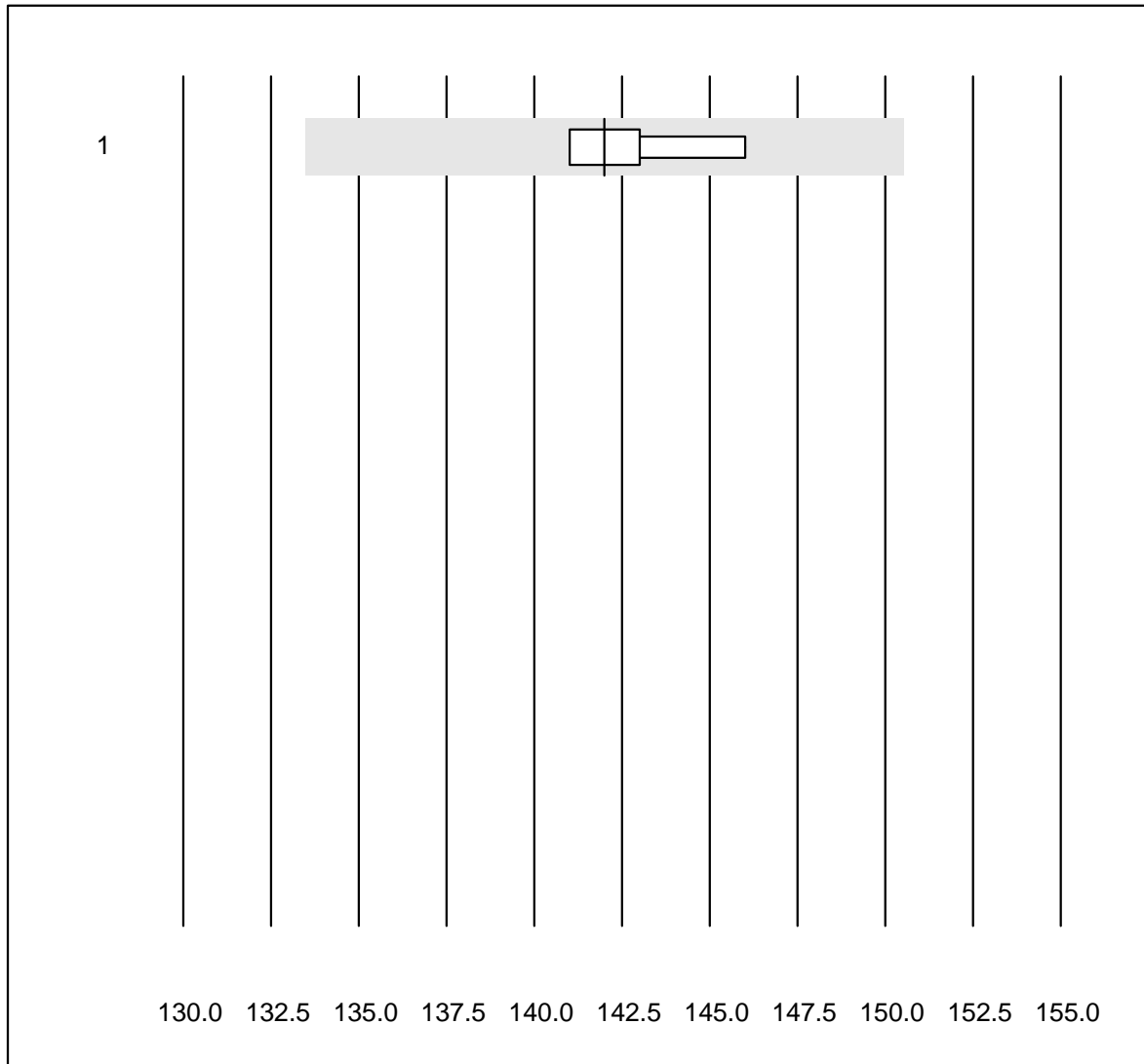


QUALAB tolerance : 6 %

Potassium - K22 (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ISE	9	88.9	0.0	11.1	3.9	1.2	e

Sodium - K22

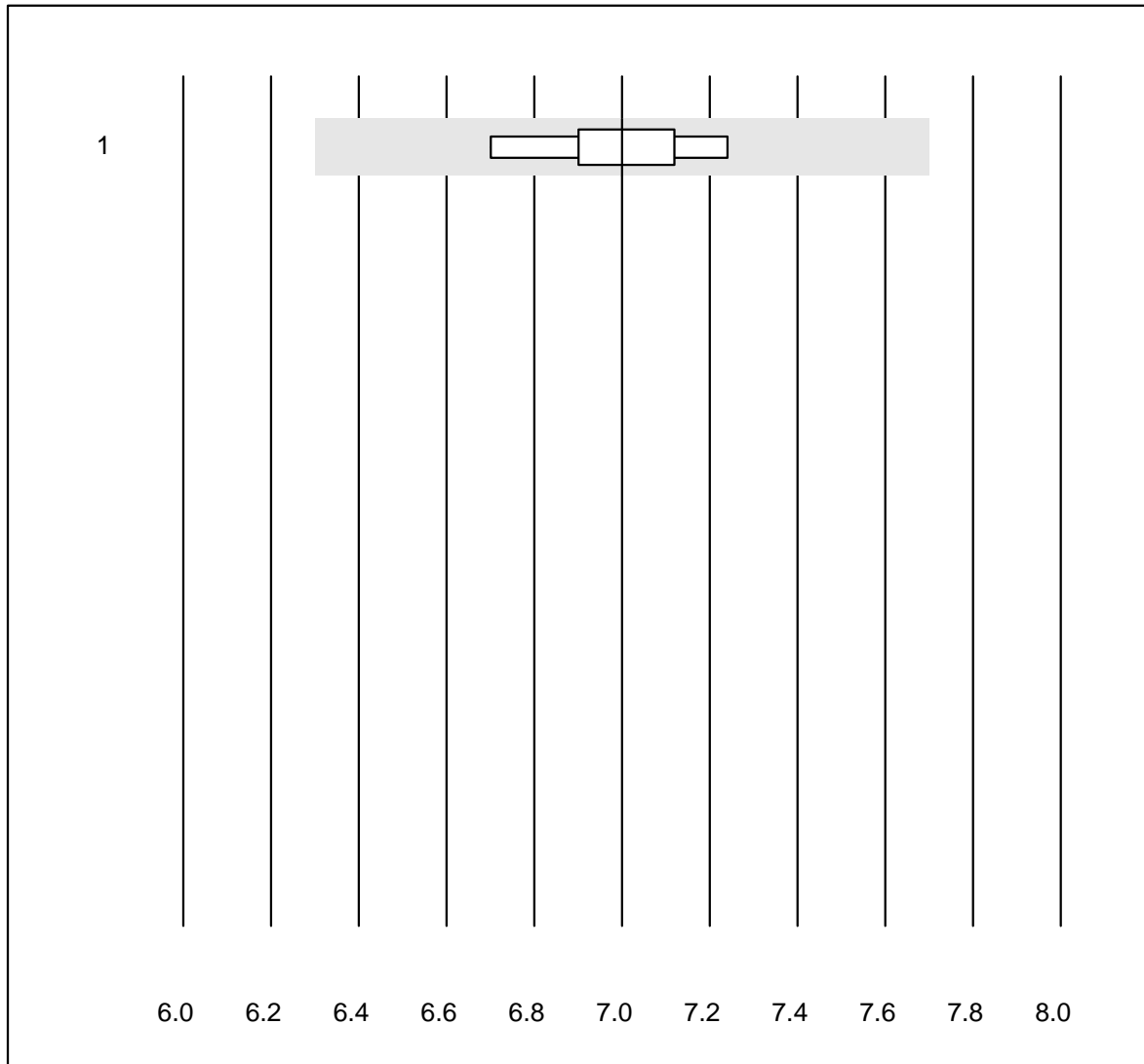


QUALAB tolerance : 6 %

Sodium - K22 (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ISE	9	100.0	0.0	0.0	142	1.1	e

Glucose - K22

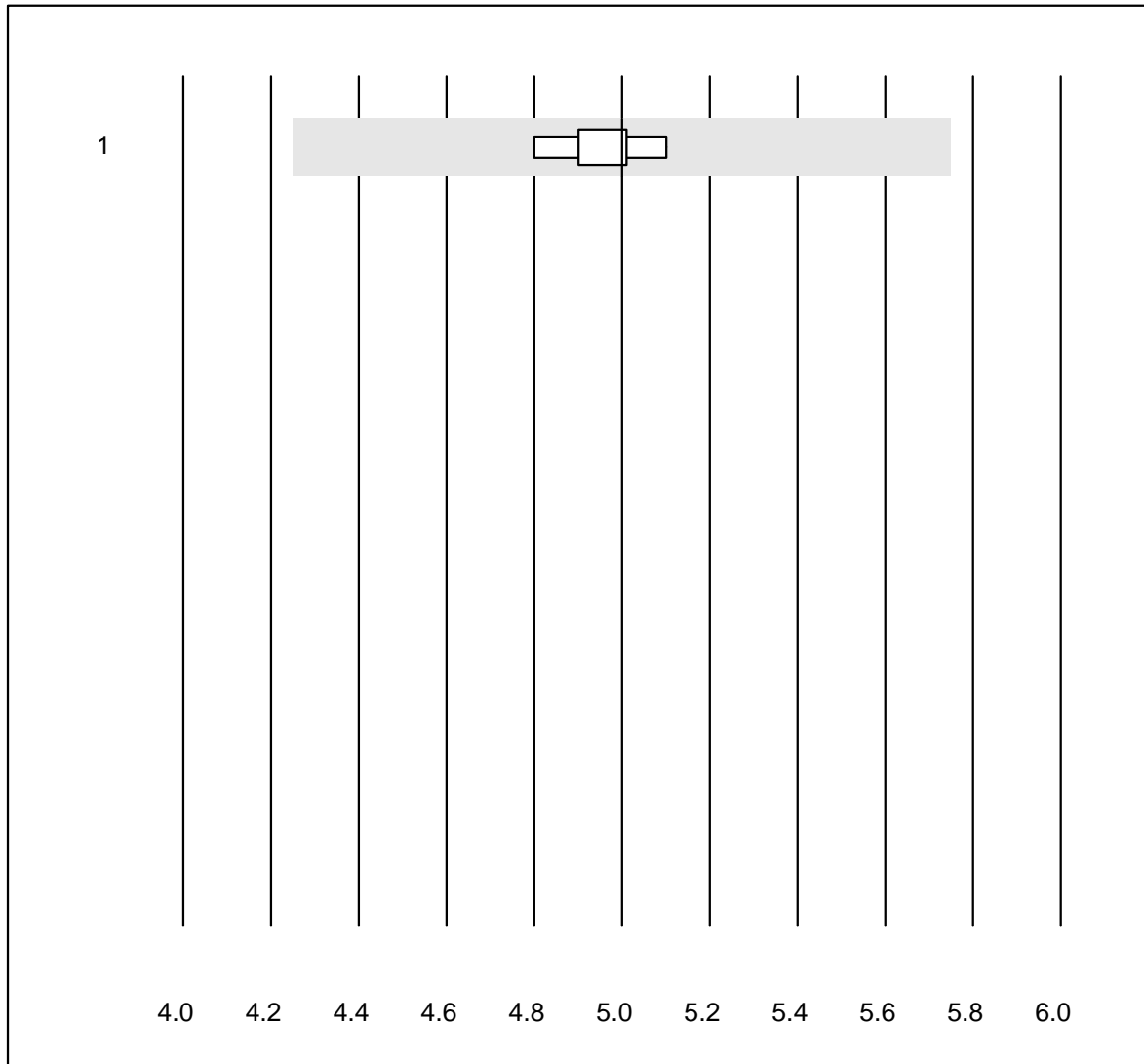


QUALAB tolerance : 10 %

Glucose - K22 (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Standard chemistry	9	100.0	0.0	0.0	7.0	2.6	e

Urea - K22

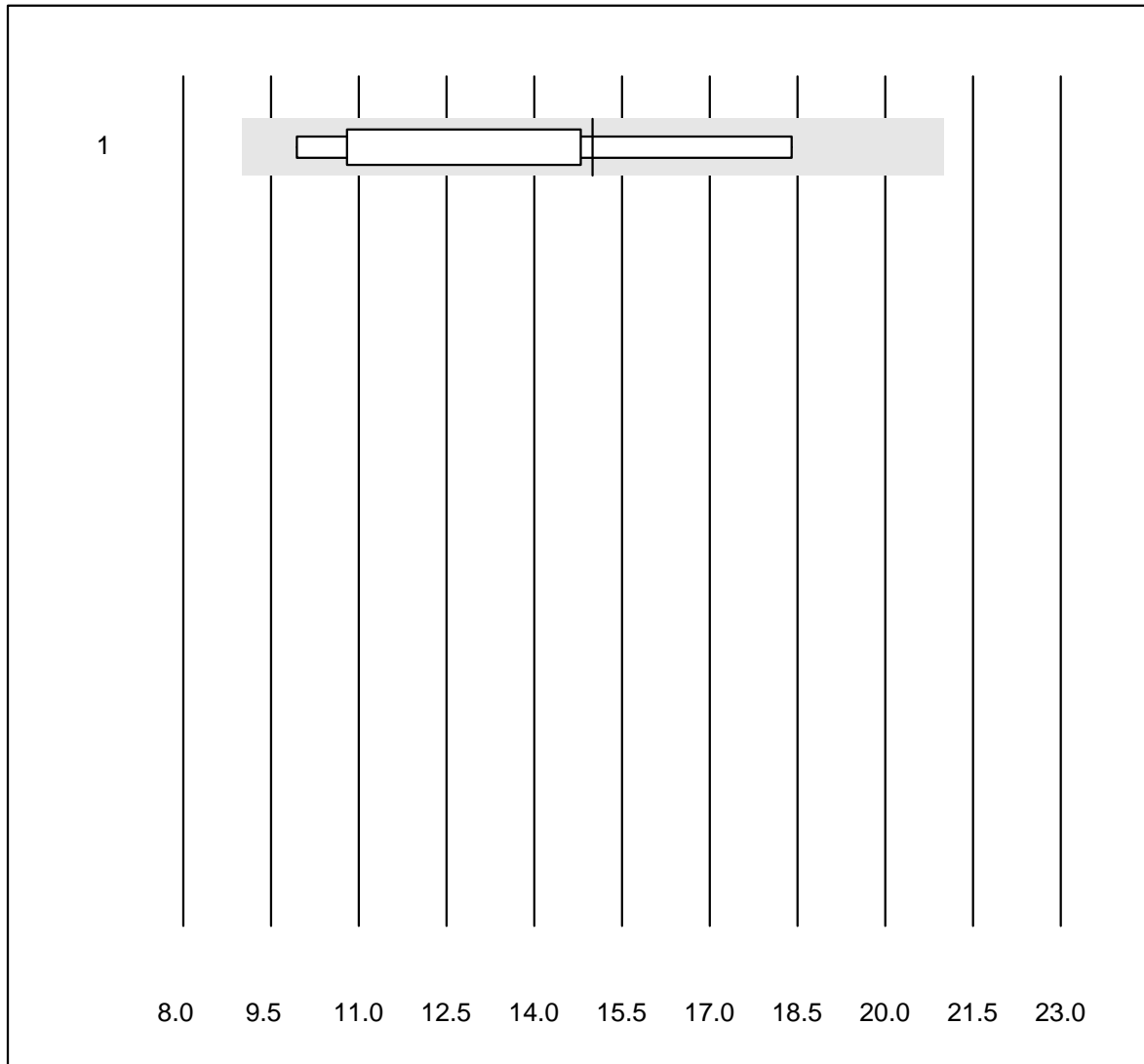


QUALAB tolerance : 15 %

Urea - K22 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Standard chemistry	9	88.9	0.0	11.1	5.0	2.0	e

Osmotic Gap

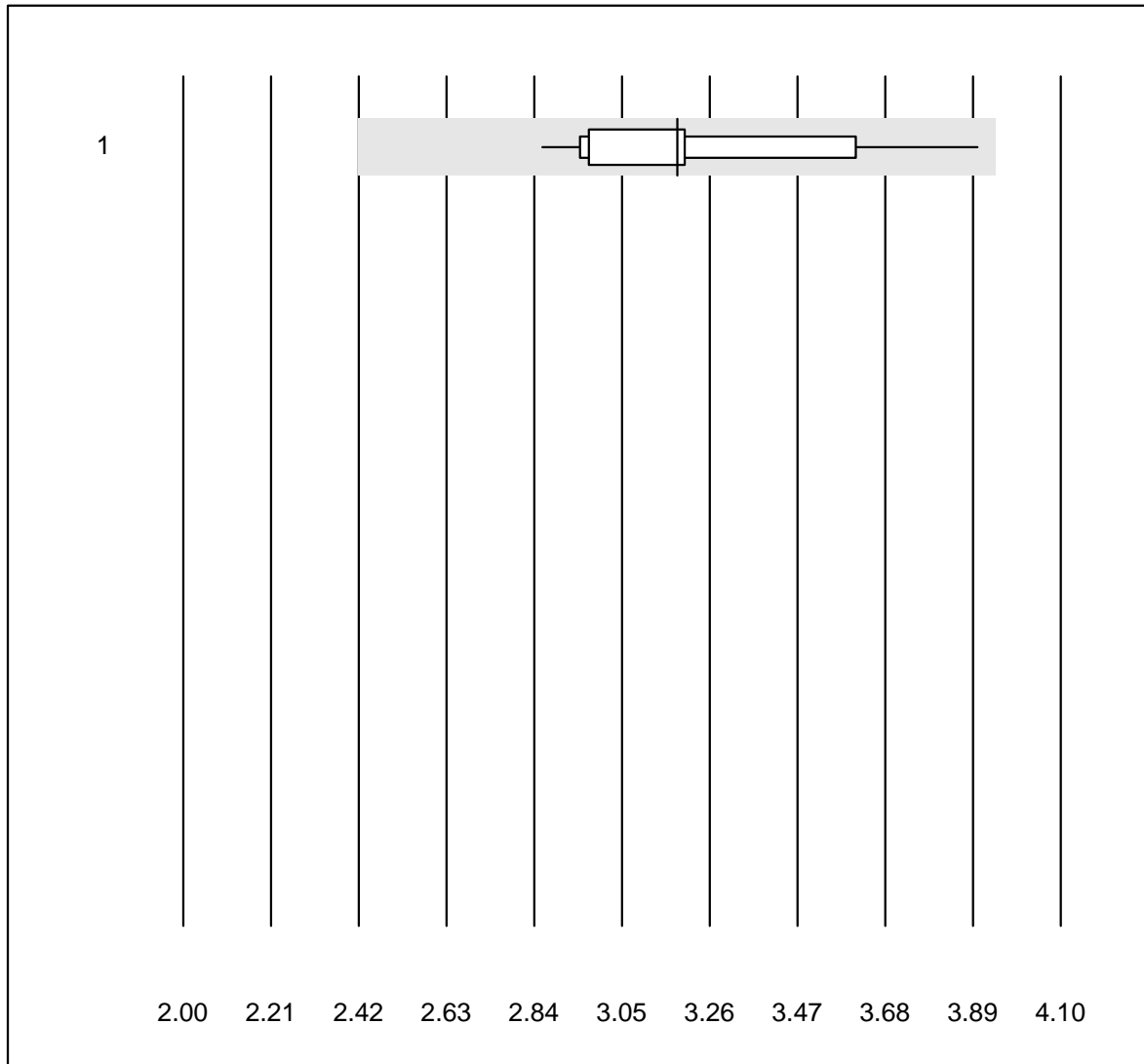


QUALAB tolerance : 20 %

Osmotic Gap (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Formel 1 (2Na+K+Glu+	7	85.7	0.0	14.3	15.0	22.2	a

Digoxin

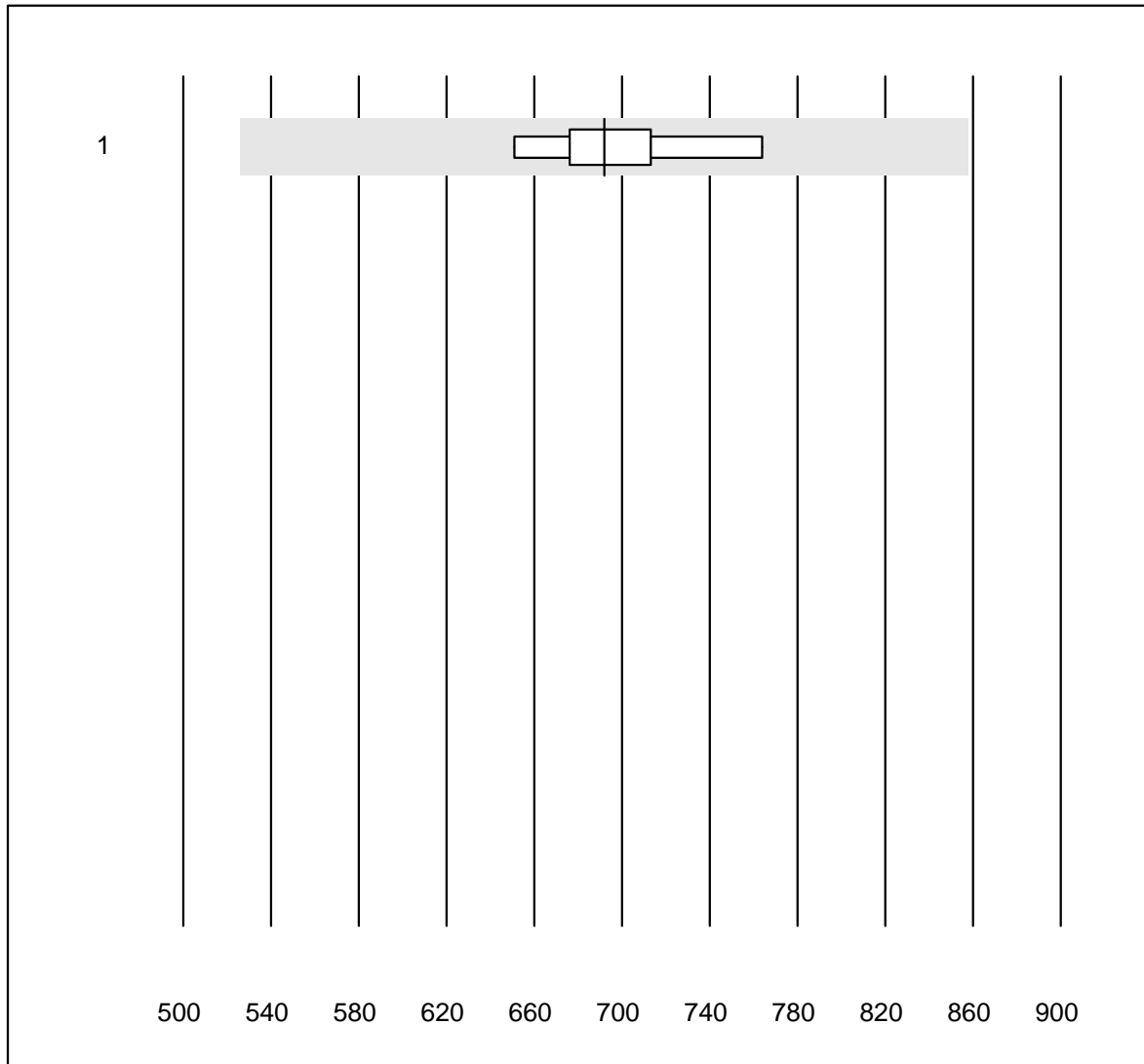


QUALAB tolerance : 24 %

Digoxin (nmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Other methods	12	100.0	0.0	0.0	3.18	9.4	e

Valproat

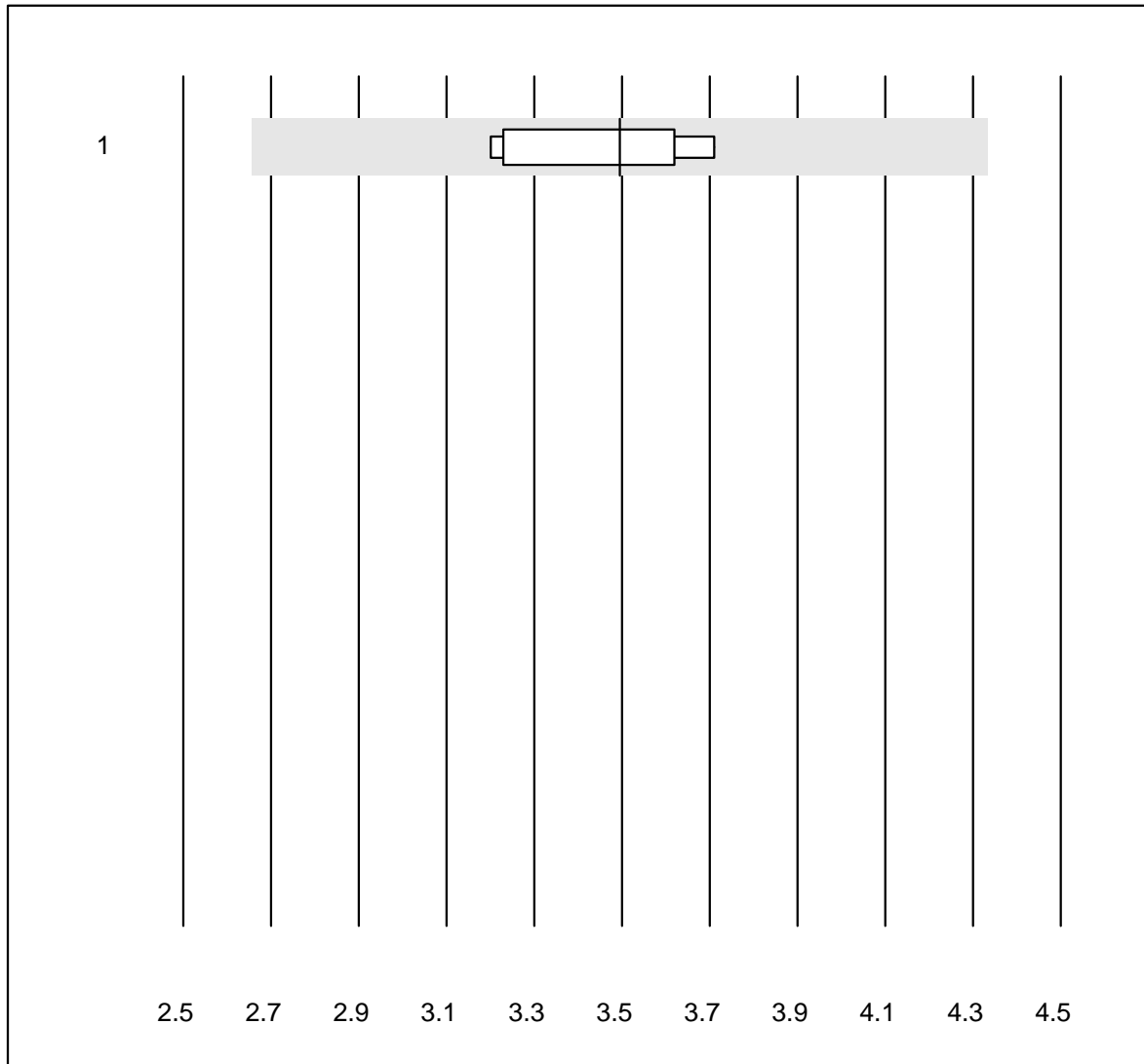


QUALAB tolerance : 24 %

Valproat (µmol/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 all Participants	5	100.0	0.0	0.0	692.0	6.1	e

Cystatin C

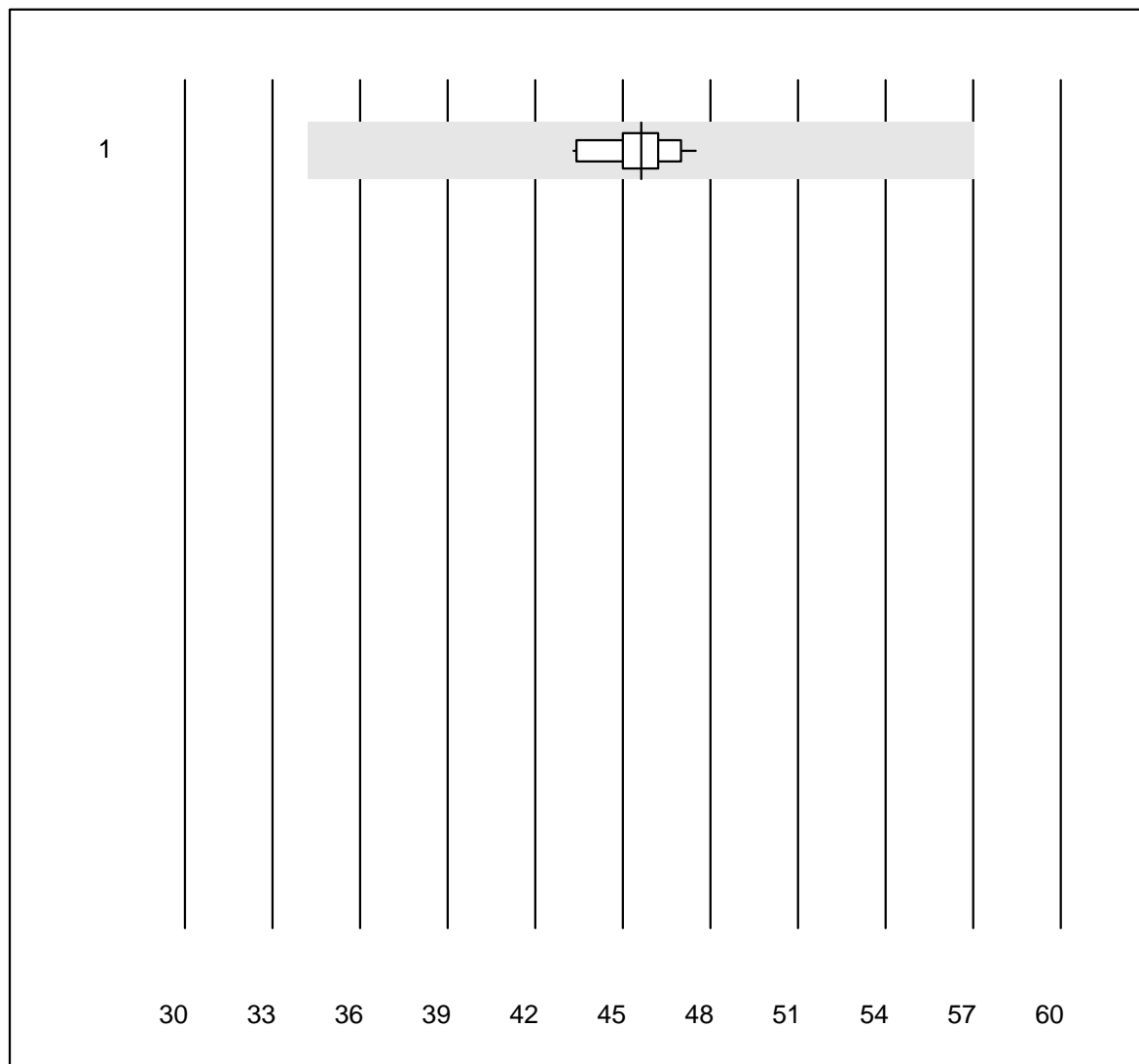


QUALAB tolerance : 24 %

Cystatin C (mg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	8	100.0	0.0	0.0	3.5	5.7	e

Ethanol

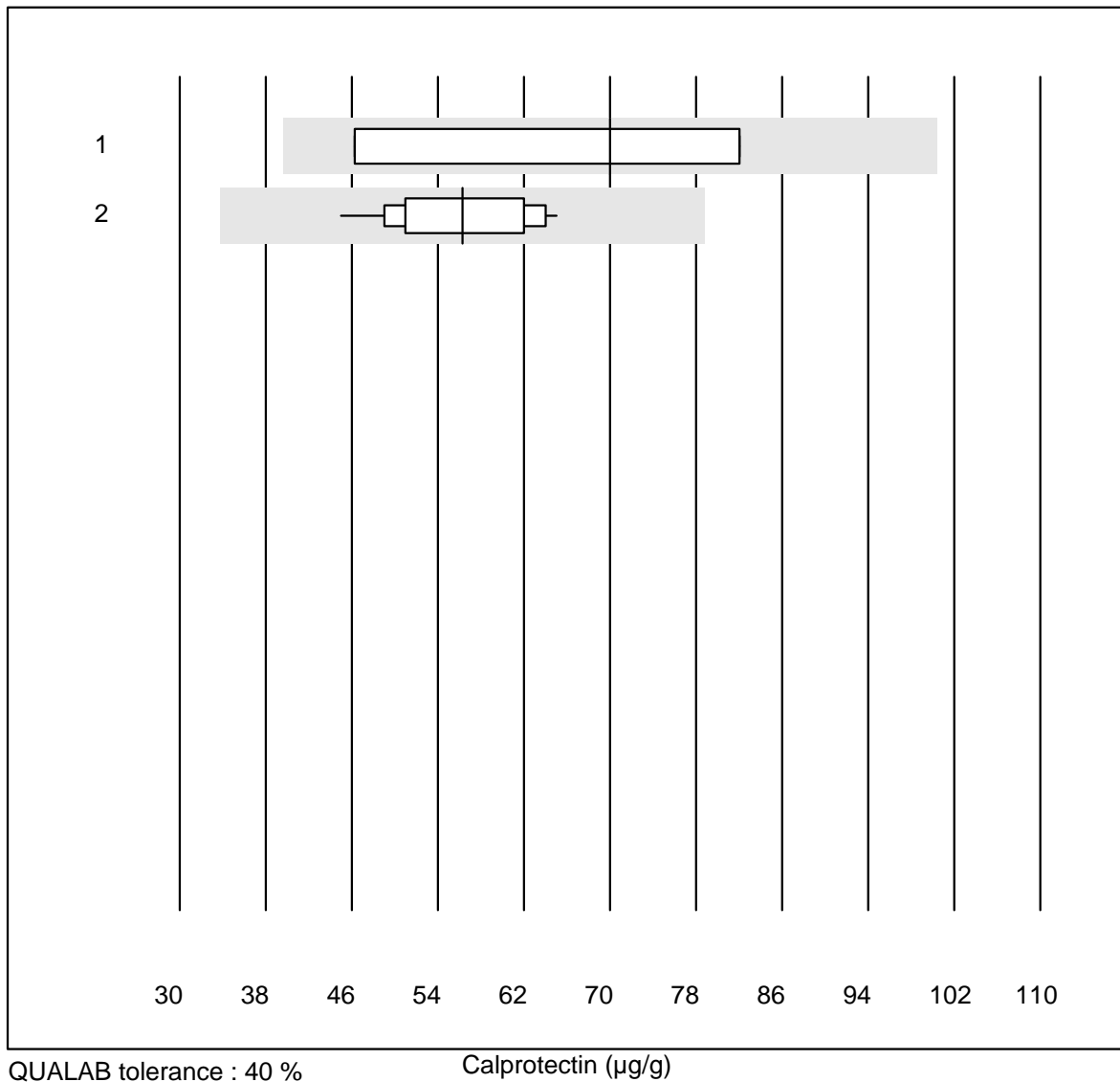


QUALAB tolerance : 25 %

Ethanol (mmol/l)

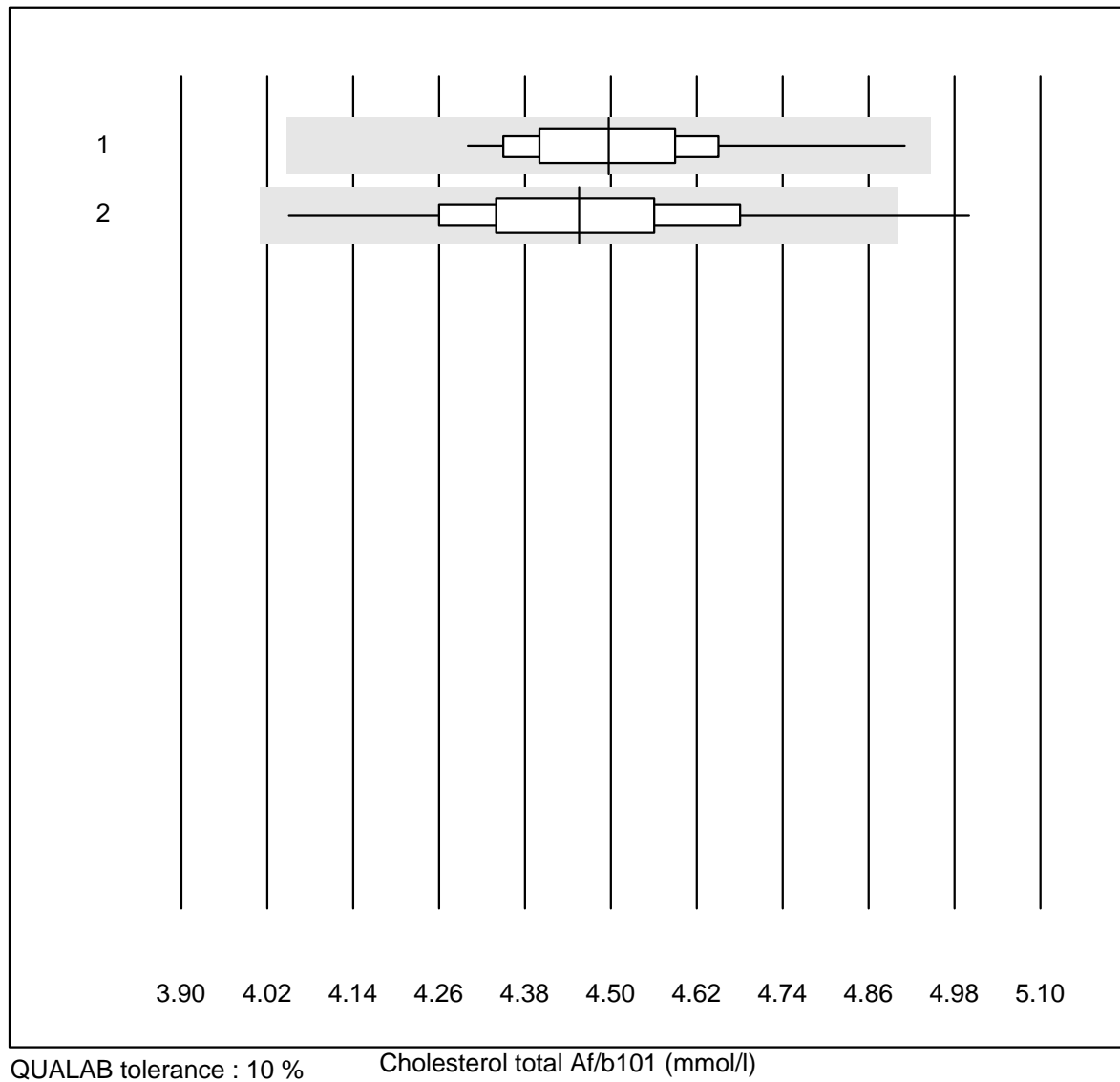
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	14	100.0	0.0	0.0	45.6	2.6	e

Calprotectin



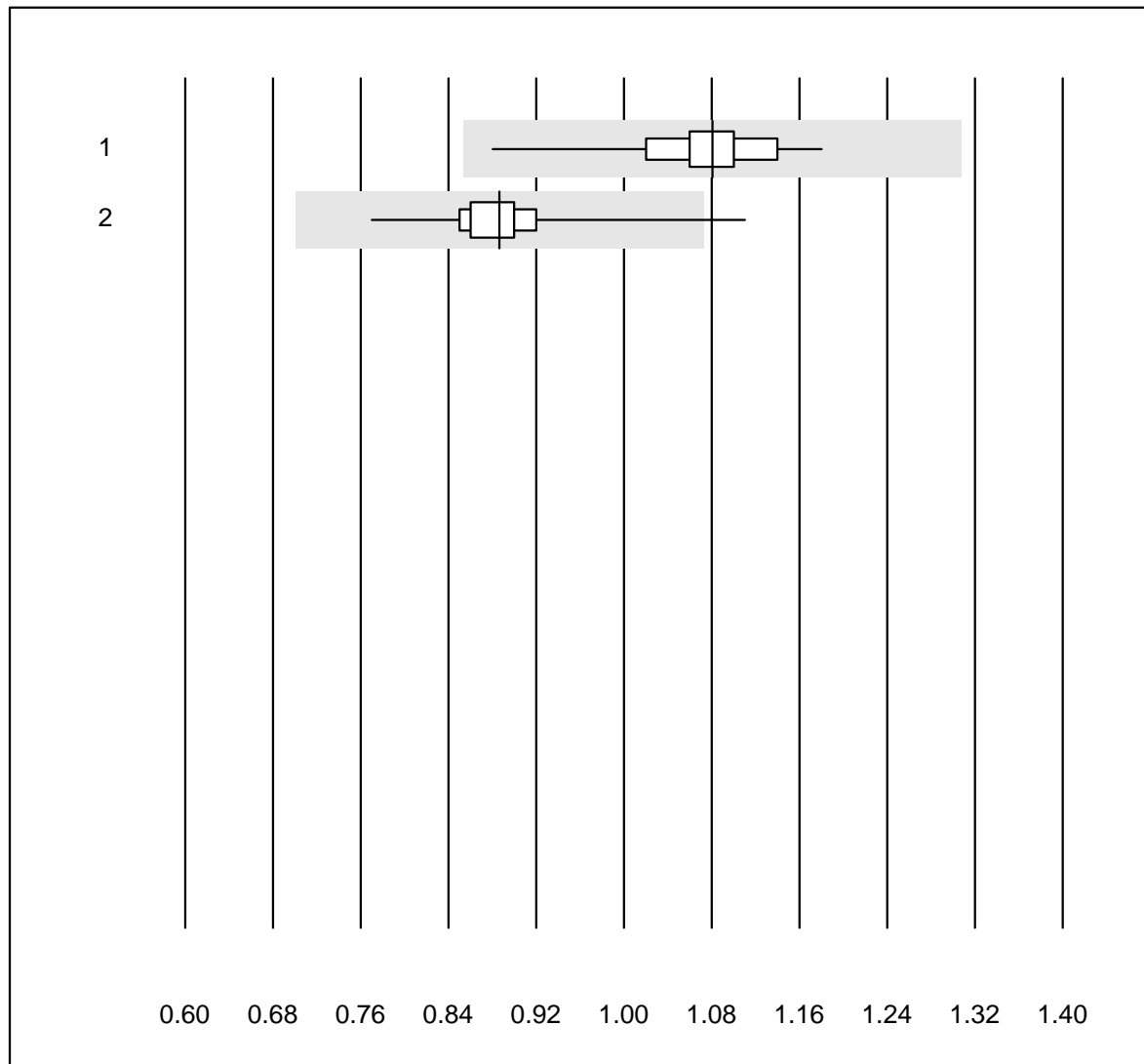
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	4	75.0	0.0	25.0	70	27.5	a
2	Bühlmann	11	100.0	0.0	0.0	56	11.2	e

Cholesterol total Af/b101



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	52	96.2	0.0	3.8	4.50	2.8	e
2	Afinion	319	99.1	0.6	0.3	4.46	3.7	e

Cholesterol HDL Af/b101

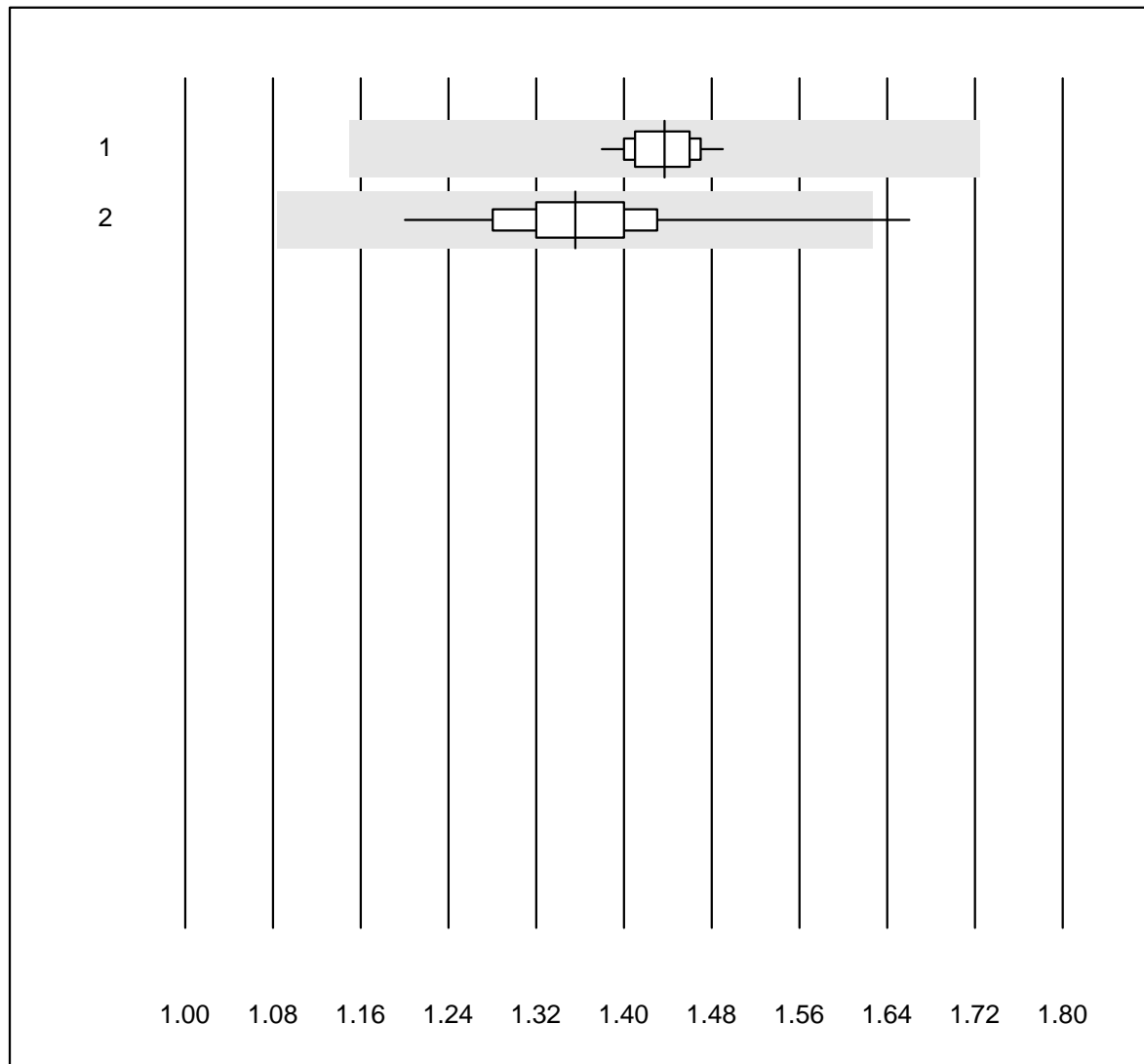


QUALAB tolerance : 21 %

Cholesterol HDL Af/b101 (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	52	92.3	0.0	7.7	1.08	4.6	e
2	Afinion	311	93.9	0.6	5.5	0.89	4.5	e

Tryglycerides Af/b101

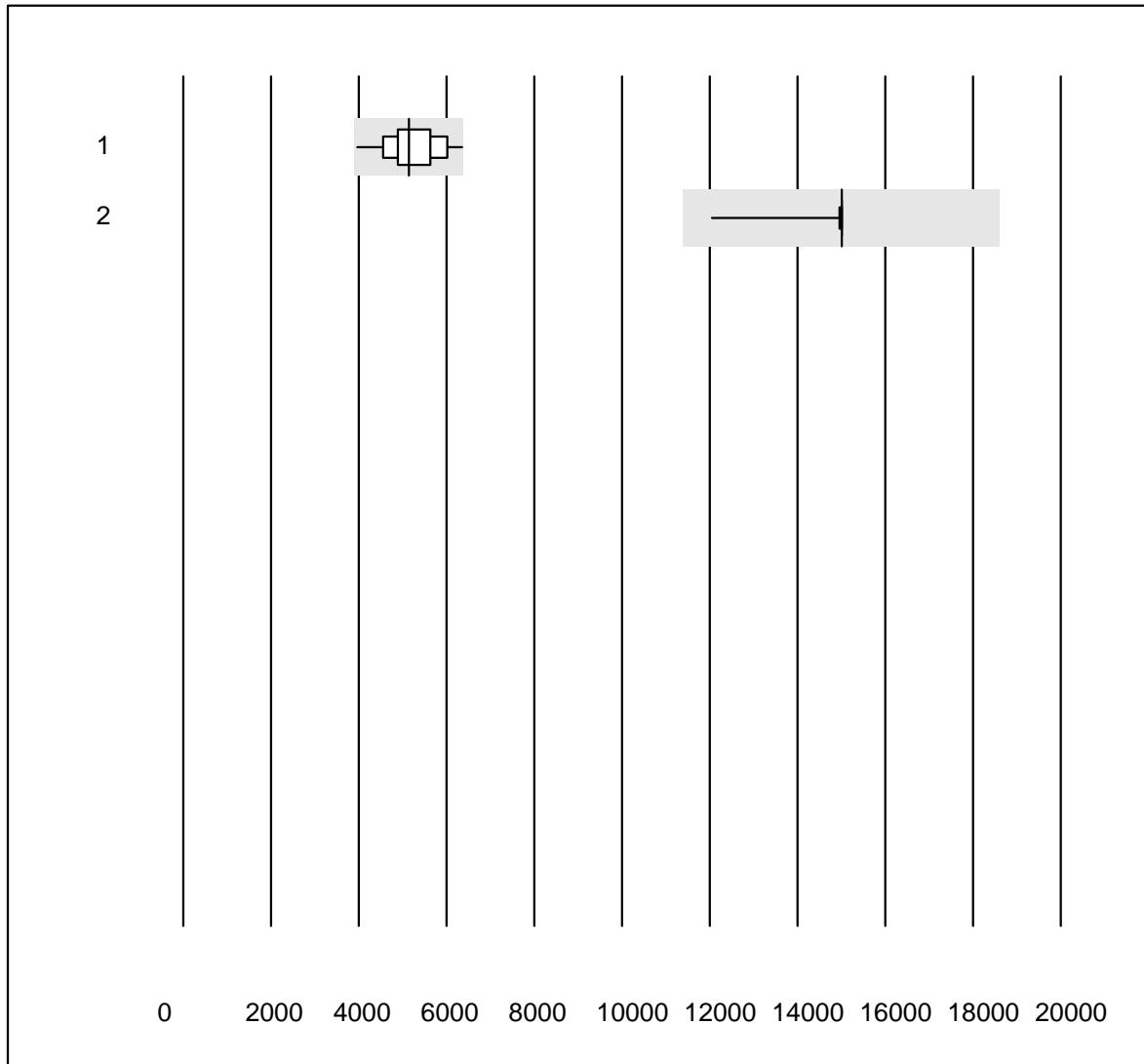


QUALAB tolerance : 20 %

Tryglycerides Af/b101 (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	50	96.0	0.0	4.0	1.44	2.0	e
2	Afinion	318	99.4	0.6	0.0	1.36	4.9	e

Troponin I S

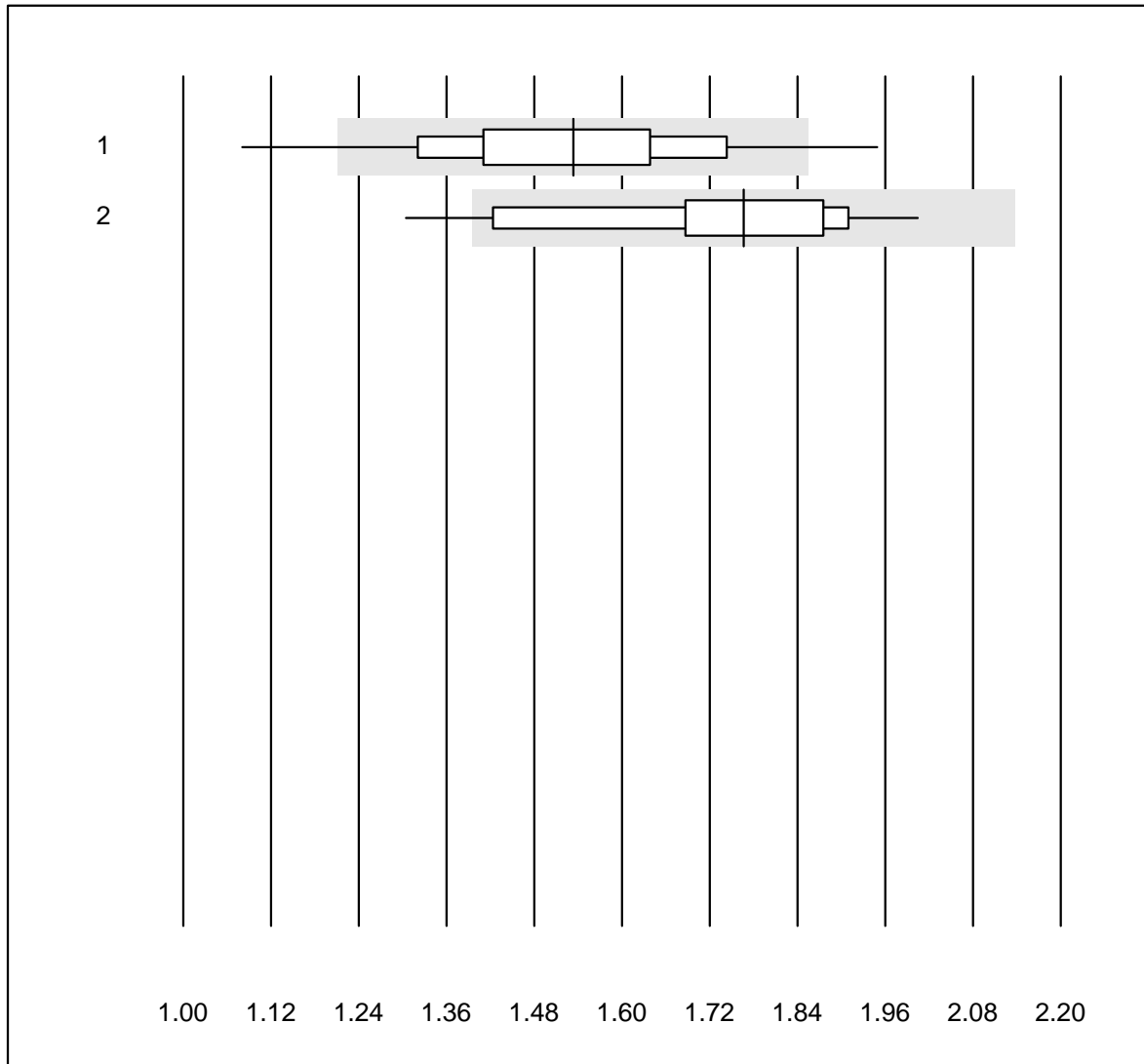


QUALAB tolerance : 24 %

Troponin I S (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	47	97.9	0.0	2.1	5140.00	10.5	e
2	AFIAS	28	67.9	0.0	32.1	15000.00	4.6	a

D-dimer qn S

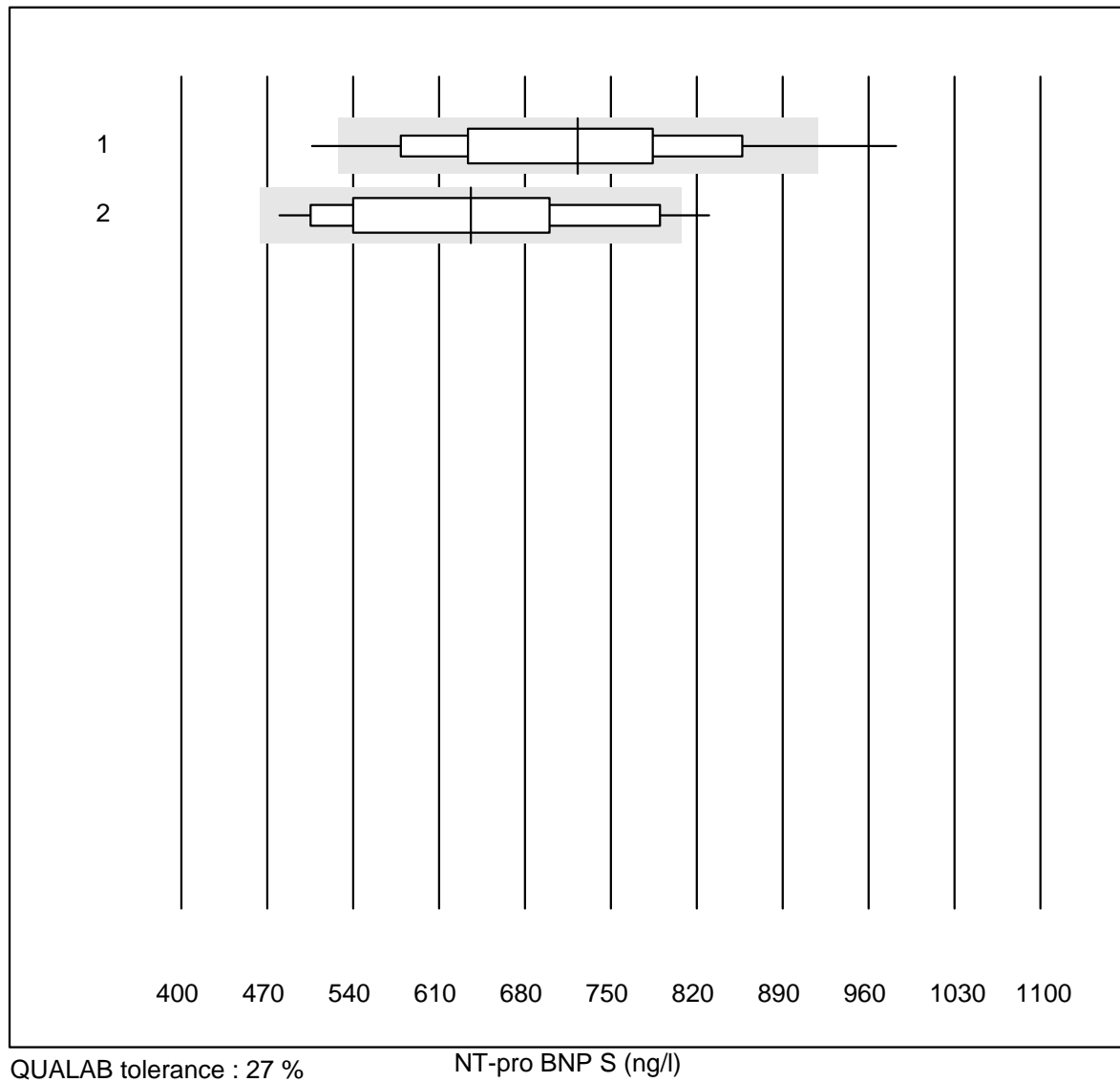


QUALAB tolerance : 21 %

D-dimer qn S (mg/l)

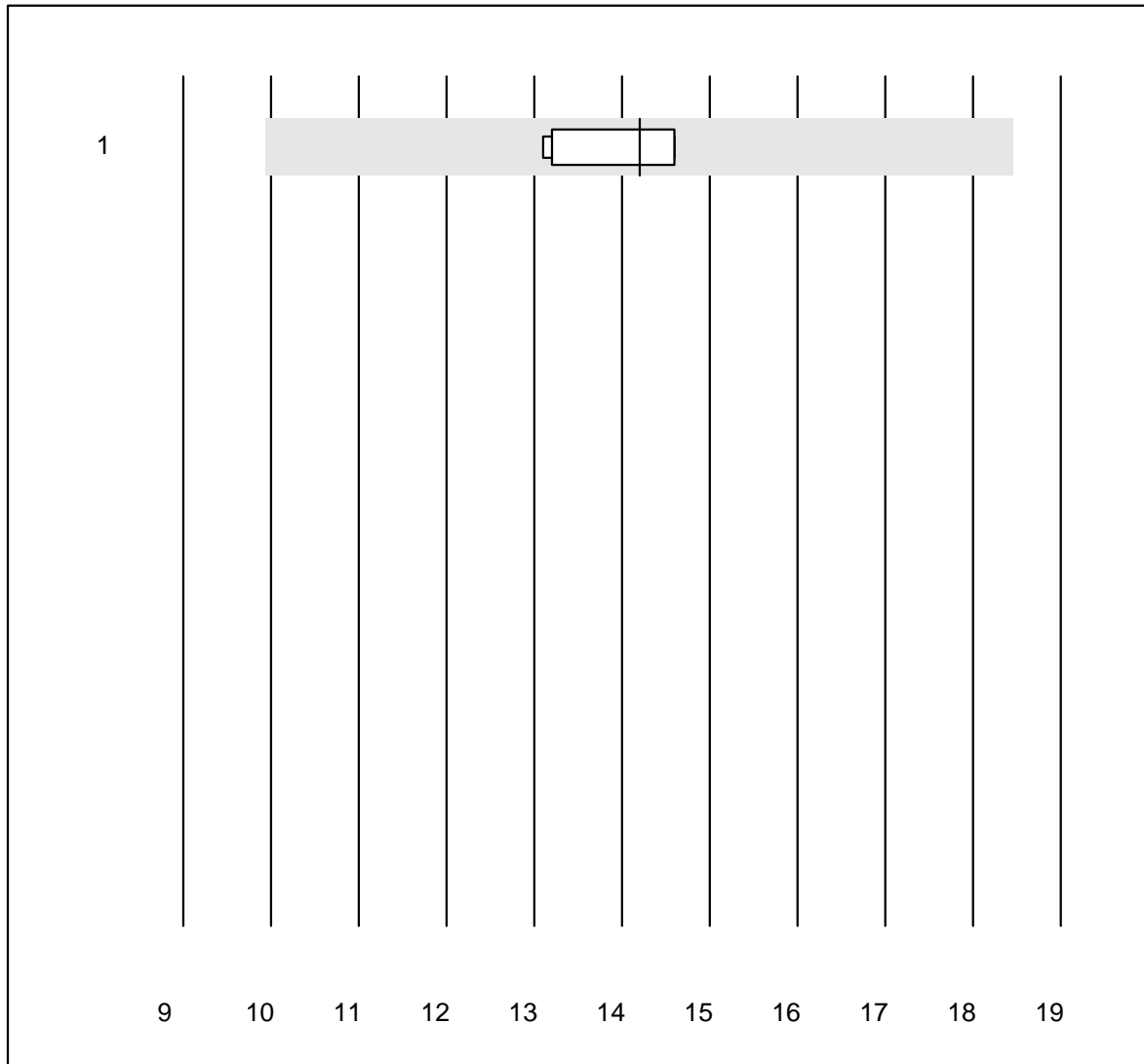
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	61	90.1	6.6	3.3	1.53	10.9	e
2	AFIAS	29	82.8	6.9	10.3	1.77	9.8	e

NT-pro BNP S



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	39	94.9	5.1	0.0	722.9	14.6	e
2	AFIAS	21	80.9	4.8	14.3	635.9	15.6	e*

Homocystein

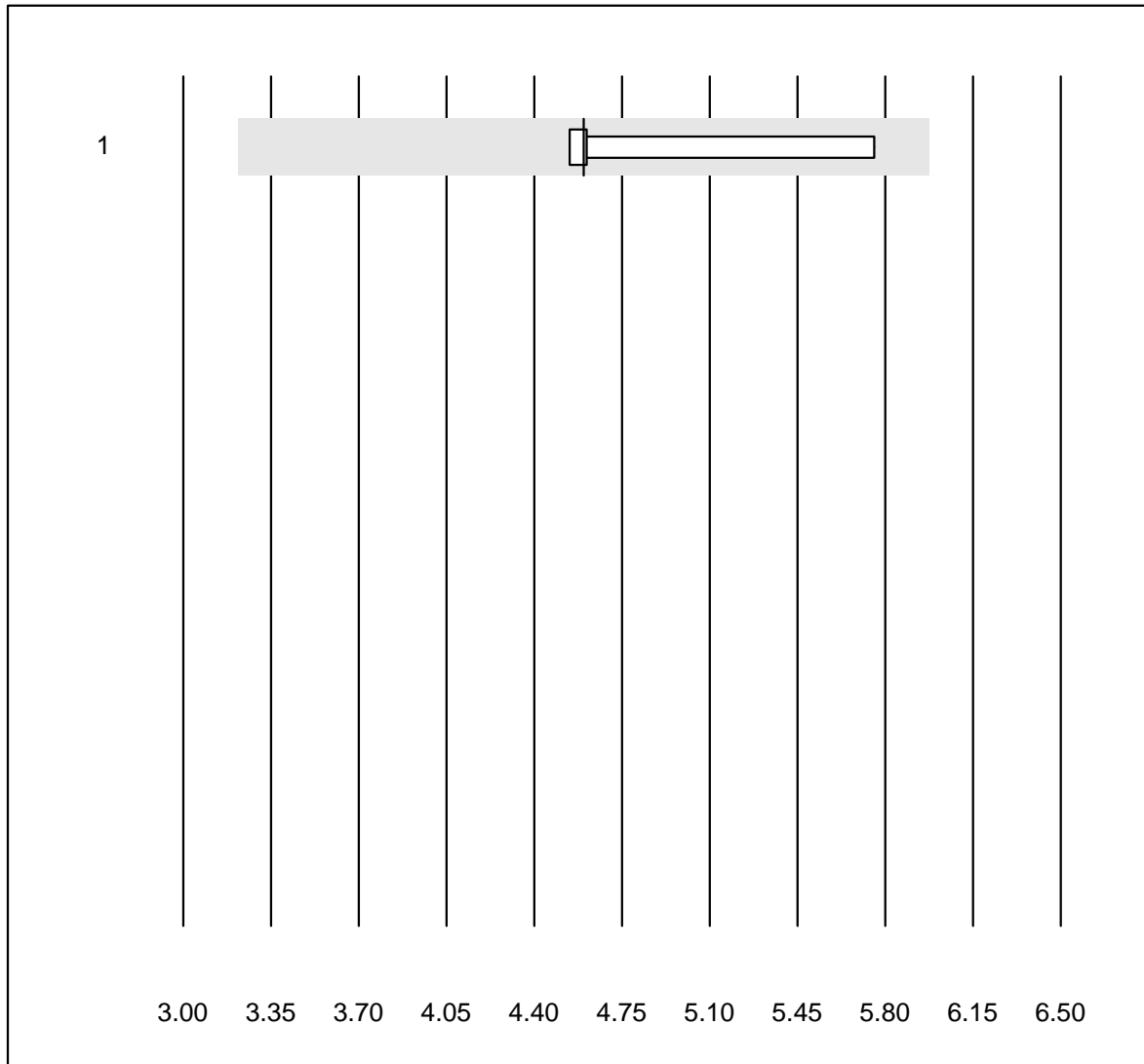


QUALAB tolerance : 30 %

Homocystein (µmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	6	100.0	0.0	0.0	14.2	5.0	e

Cholinesterase

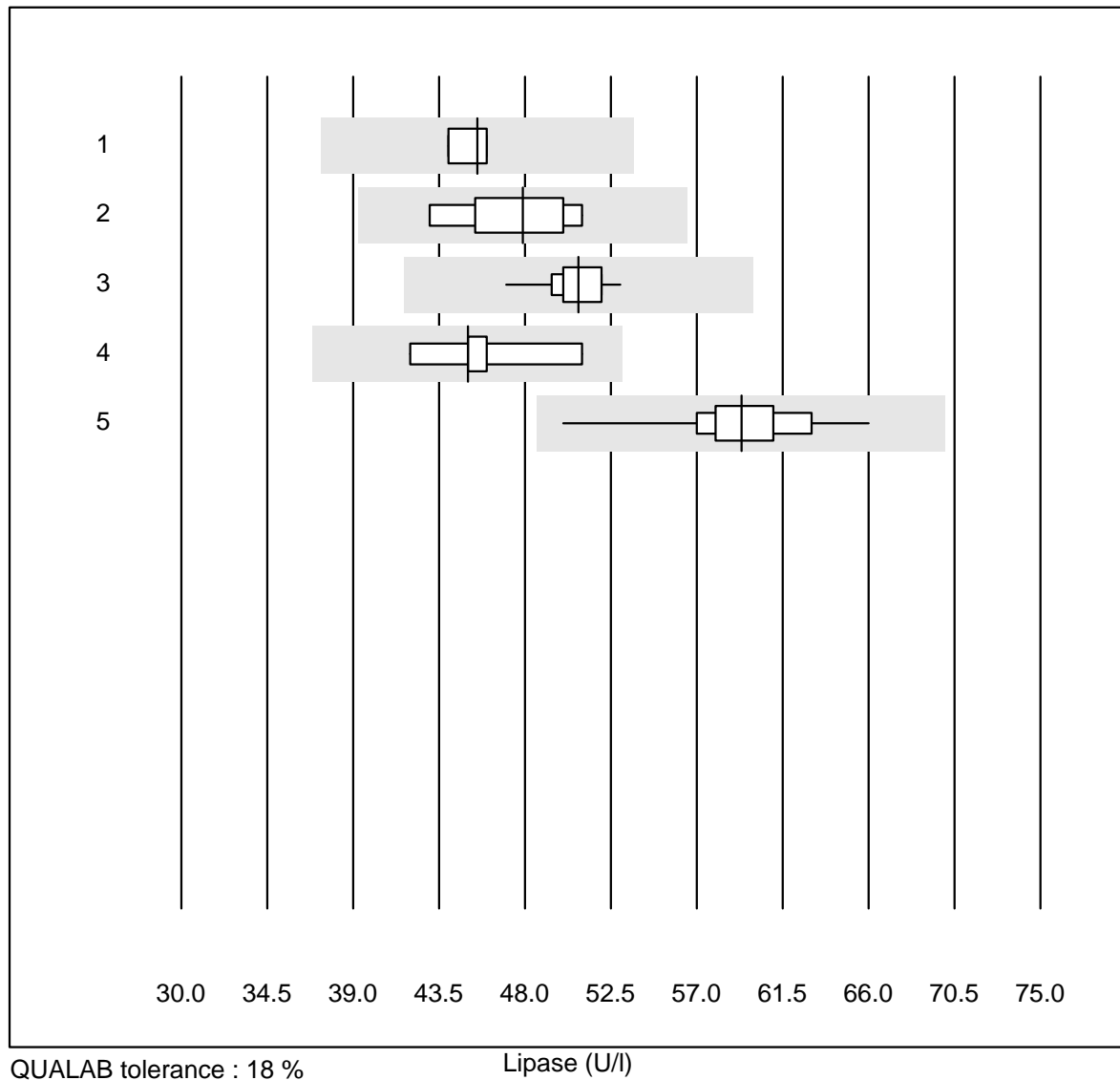


QUALAB tolerance : 30 %

Cholinesterase (kU/L)

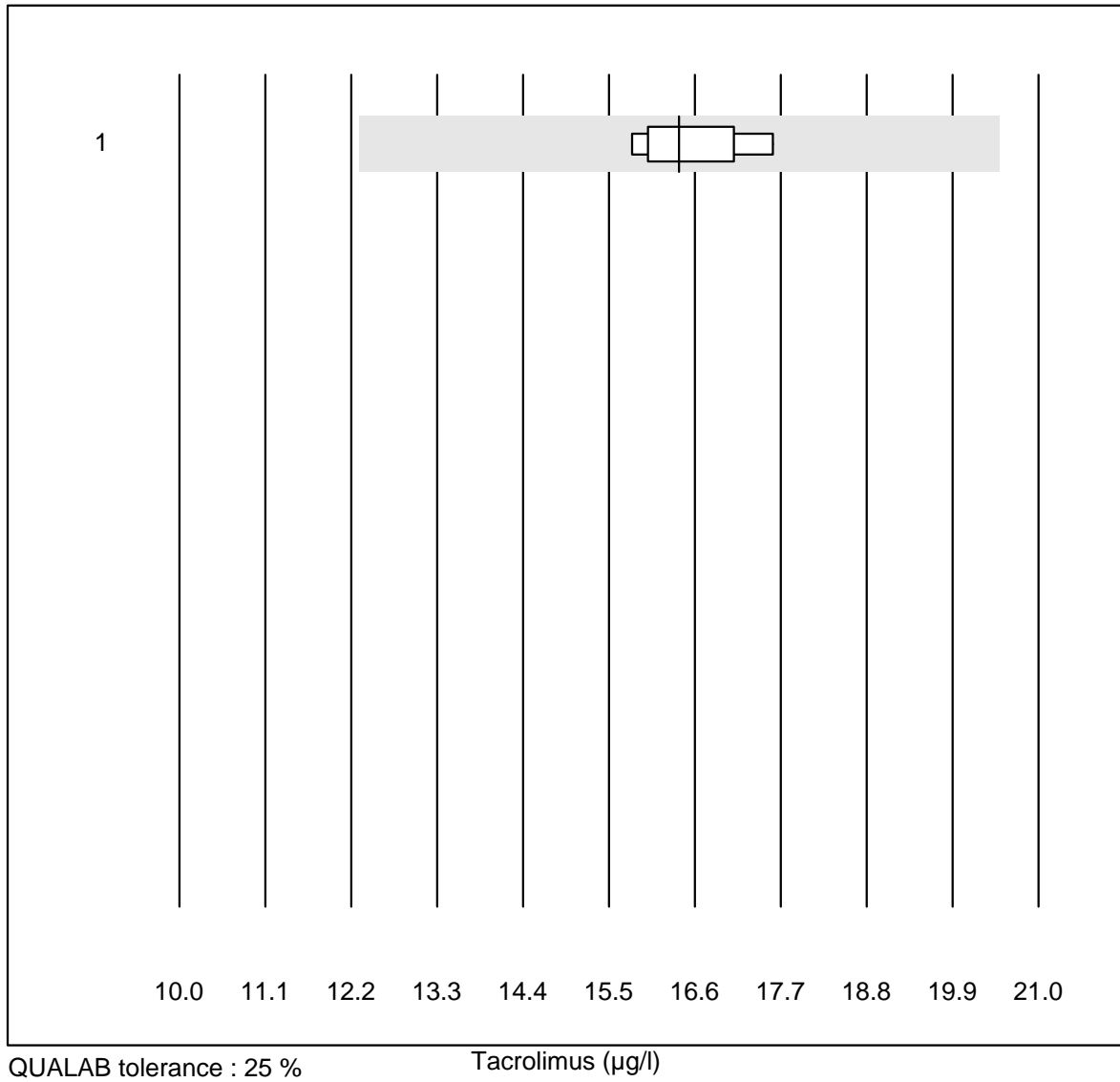
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 all Participants	4	100.0	0.0	0.0	4.6	12.1	e*

Lipase



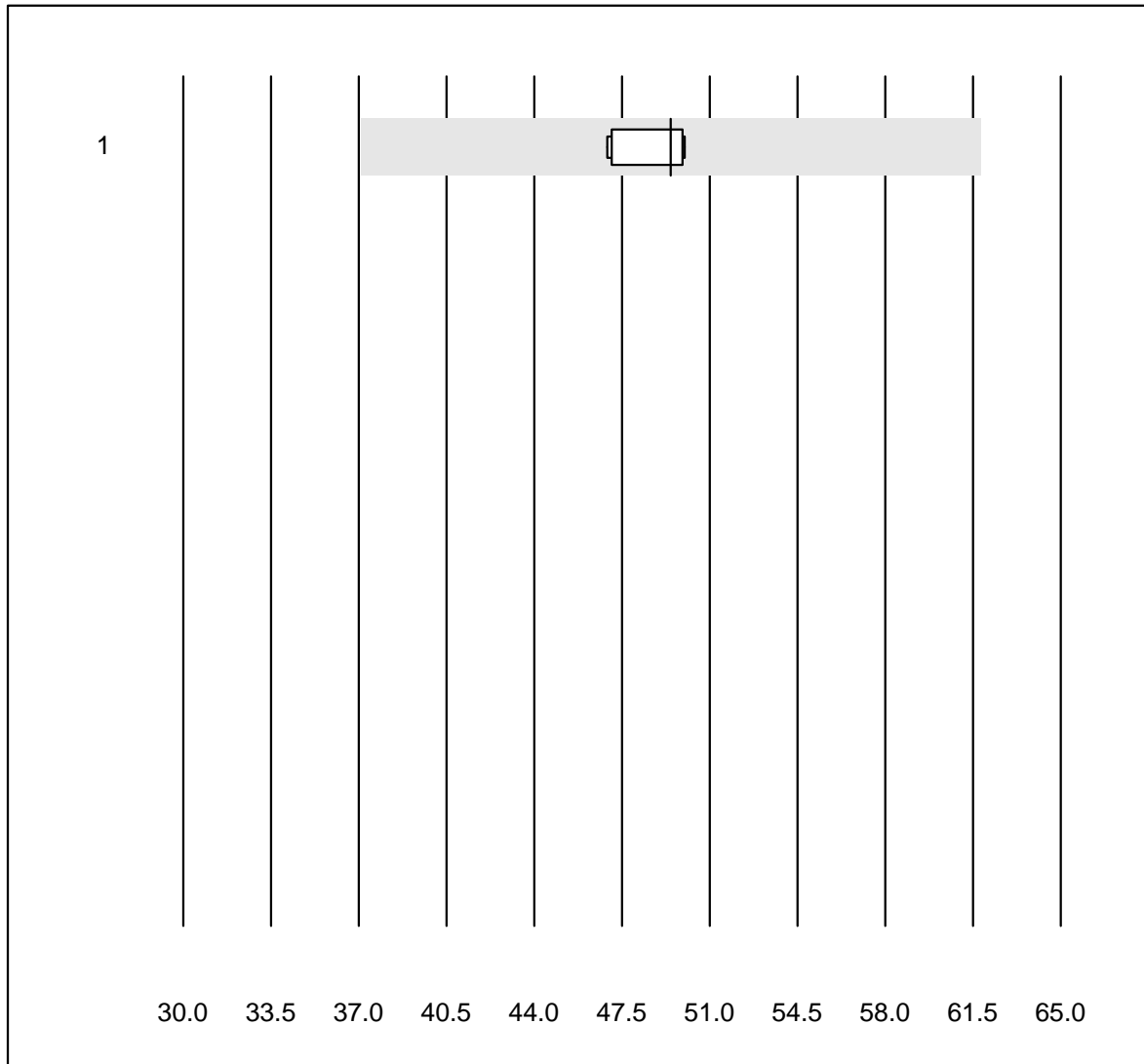
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Autolyser/DiaSys	4	100.0	0.0	0.0	45.5	2.1	e
2 Architect	5	100.0	0.0	0.0	47.9	6.9	e*
3 Beckman	13	100.0	0.0	0.0	50.8	3.1	e
4 Cobas	9	100.0	0.0	0.0	45.0	5.9	e
5 Fuji Dri-Chem	102	99.0	0.0	1.0	59.3	4.3	e

Tacrolimus



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 all Participants	5	100.0	0.0	0.0	16.4	4.6	e

Albumin E

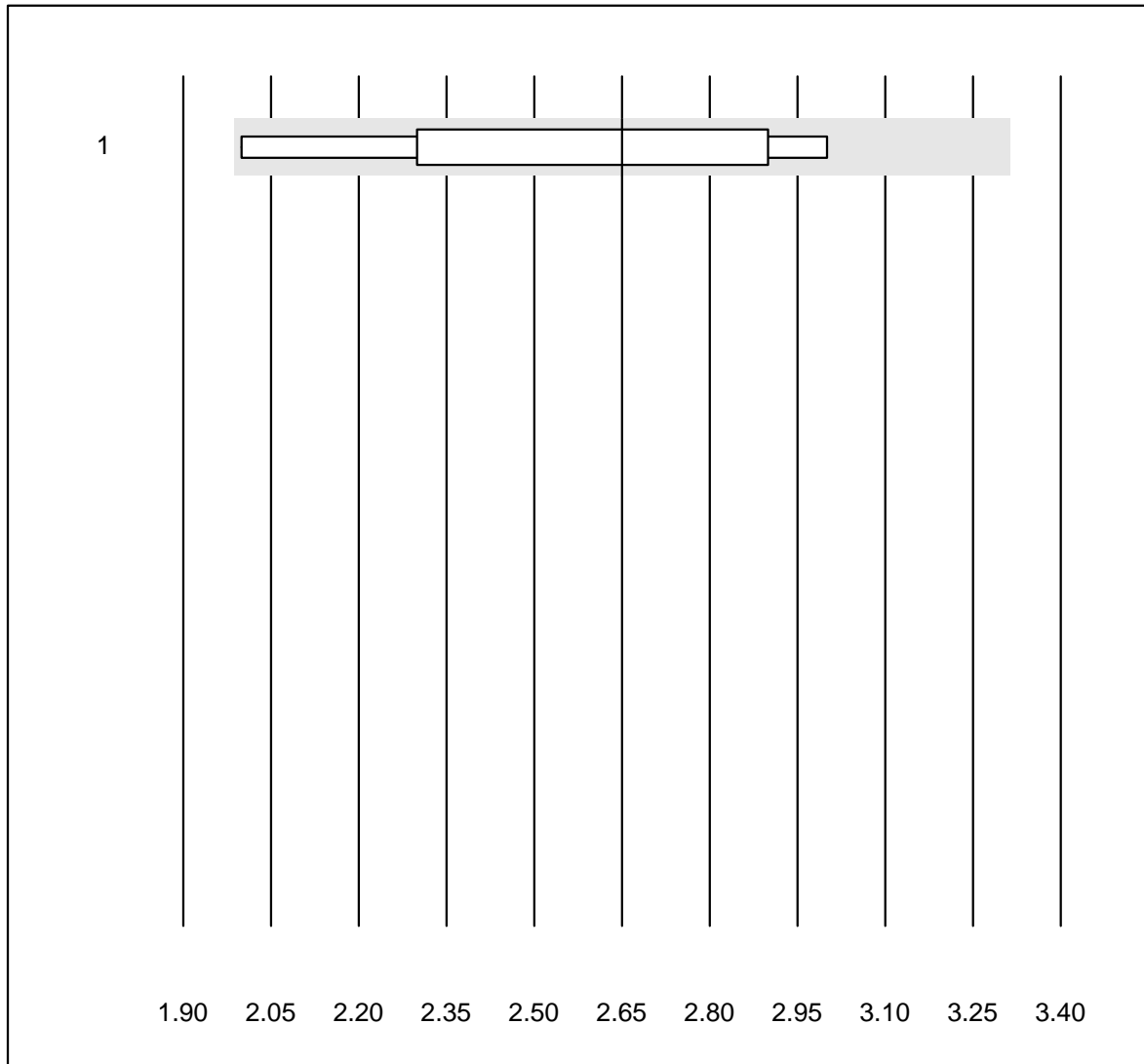


QUALAB tolerance : 25 %

Albumin E (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	6	100.0	0.0	0.0	49.5	2.9	e

alpha-1-Globuline

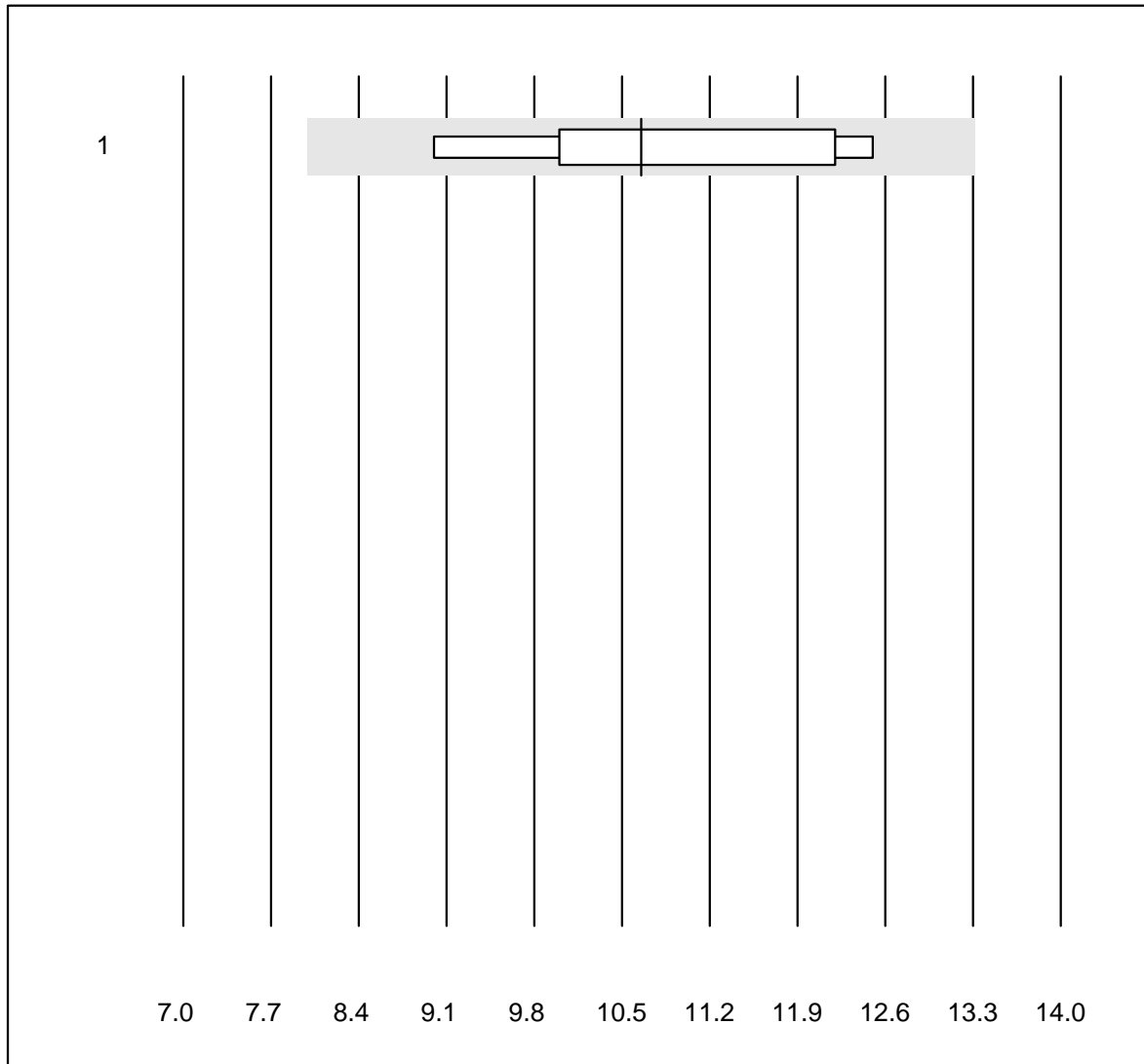


QUALAB tolerance : 25 %

alpha-1-Globuline (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	6	83.3	0.0	16.7	2.7	16.7	e*

alpha-2-Globuline

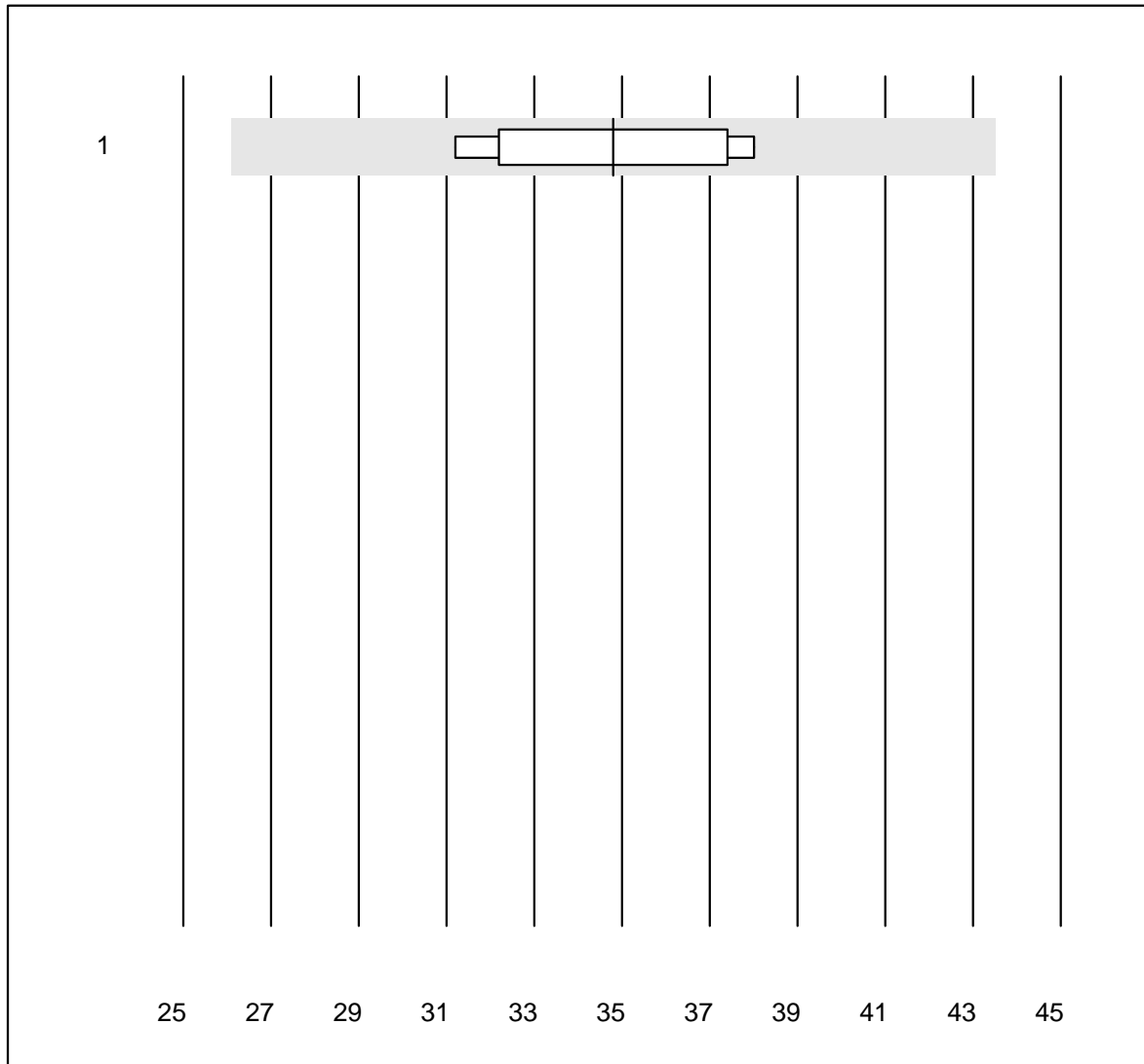


QUALAB tolerance : 25 %

alpha-2-Globuline (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	6	100.0	0.0	0.0	10.7	12.6	e*

beta-Globuline

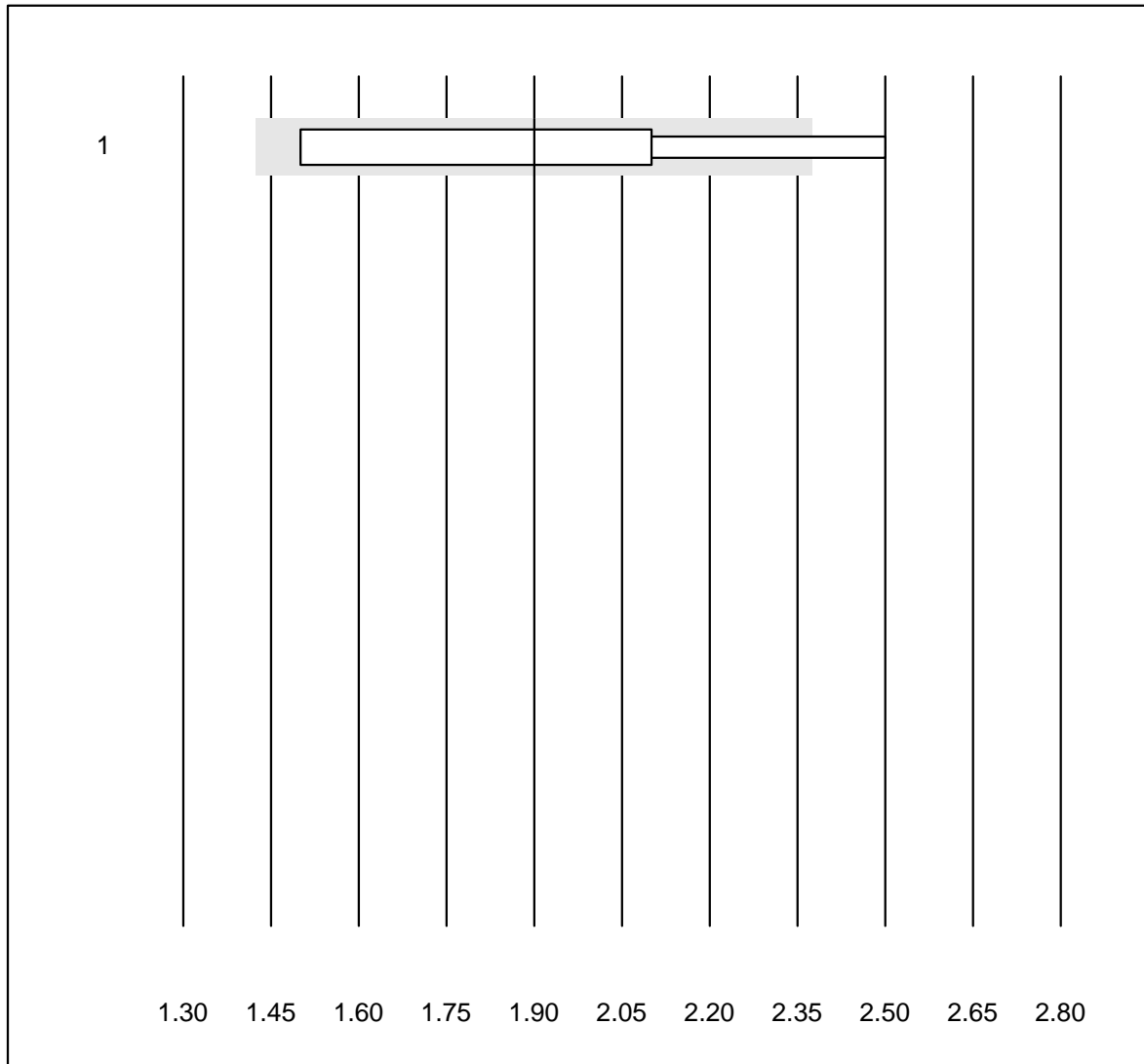


QUALAB tolerance : 25 %

beta-Globuline (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	6	100.0	0.0	0.0	34.8	8.8	e*

gamma-Globuline

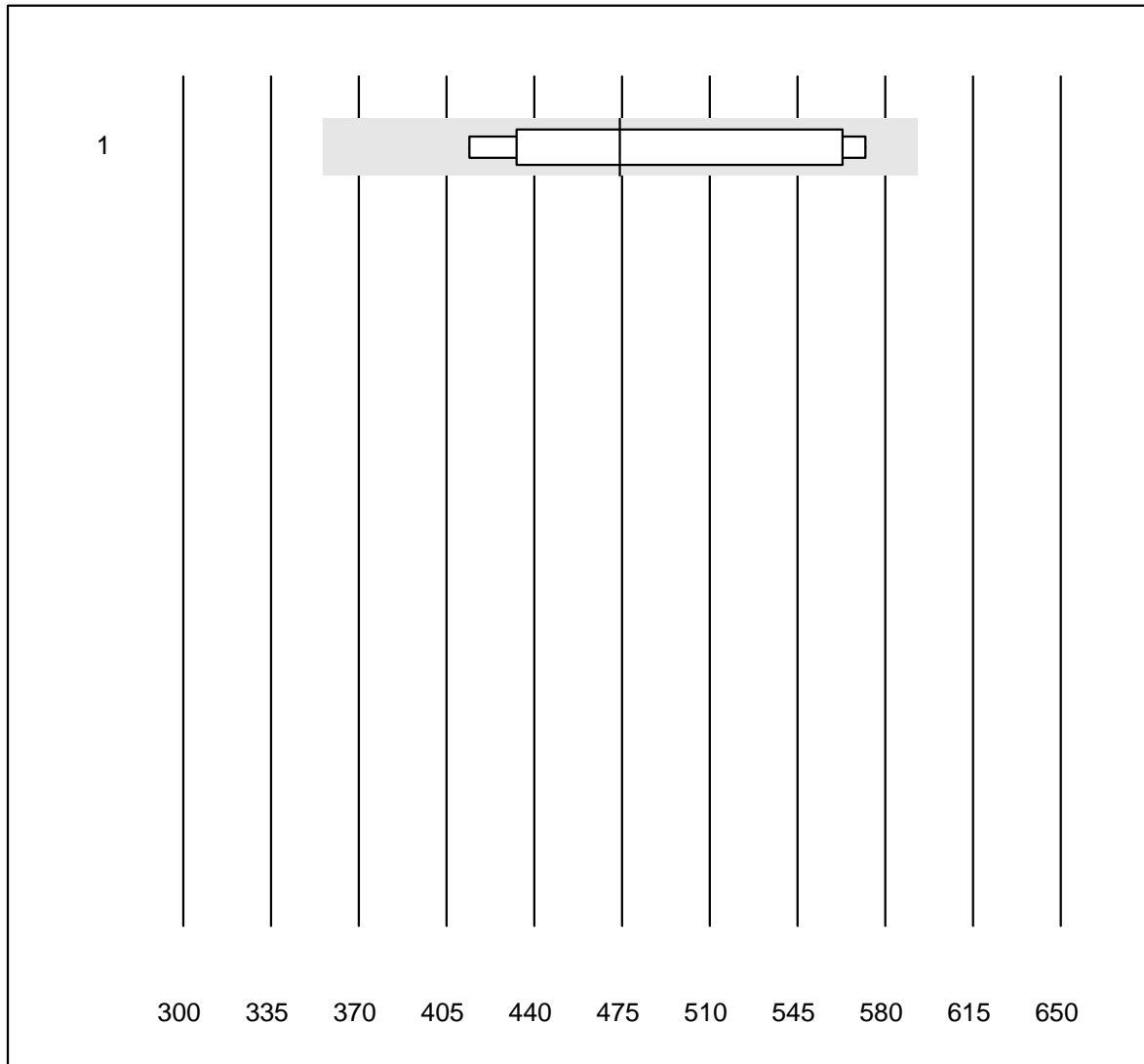


QUALAB tolerance : 25 %

gamma-Globuline (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	6	50.0	16.7	33.3	1.9	20.3	a

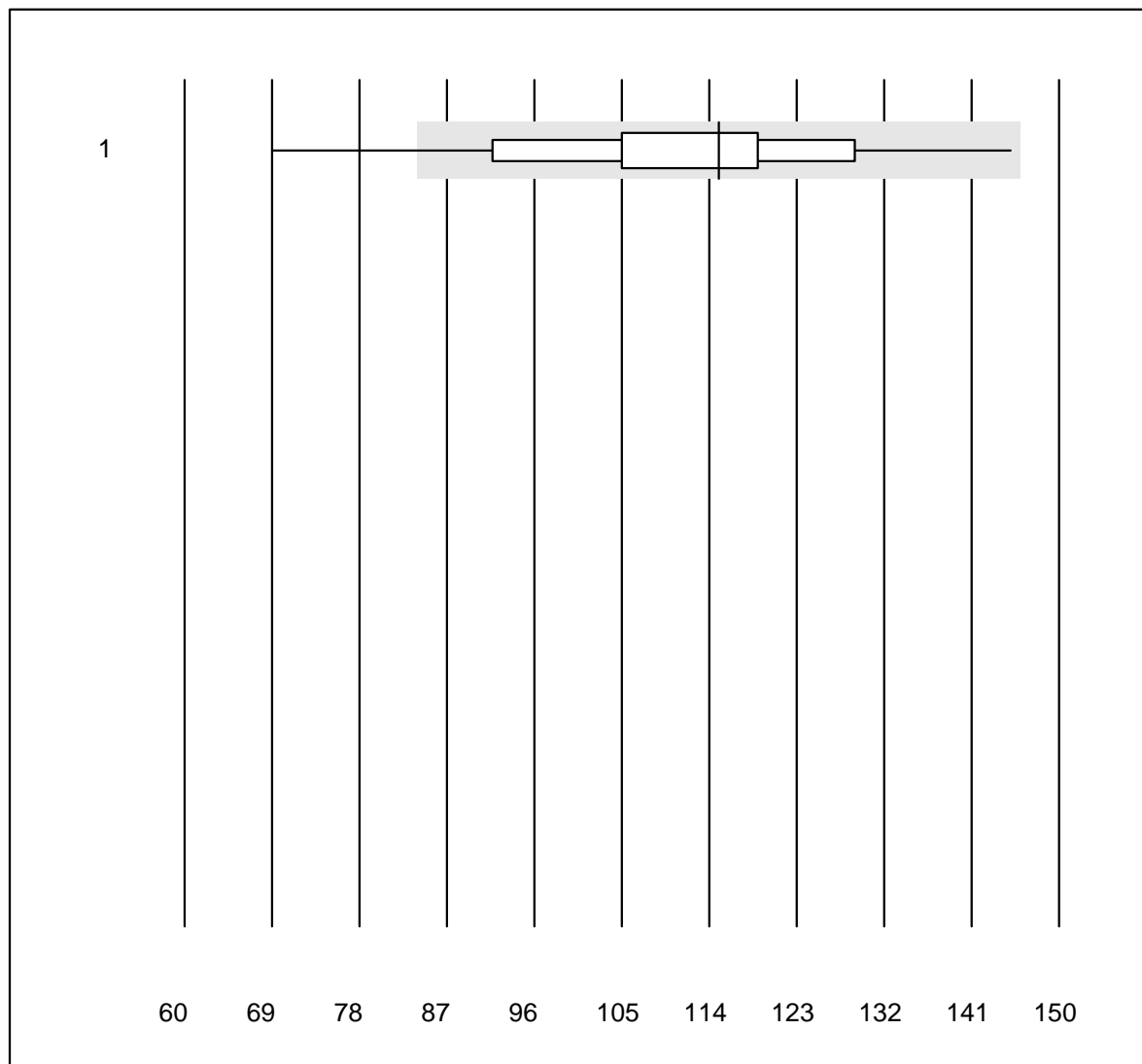
Folate in Erythrocytes sample A



QUALAB tolerance : 25 % Folate in Erythrocytes sample A (nmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	8	75.0	0.0	25.0	474	14.0	e*

BNP

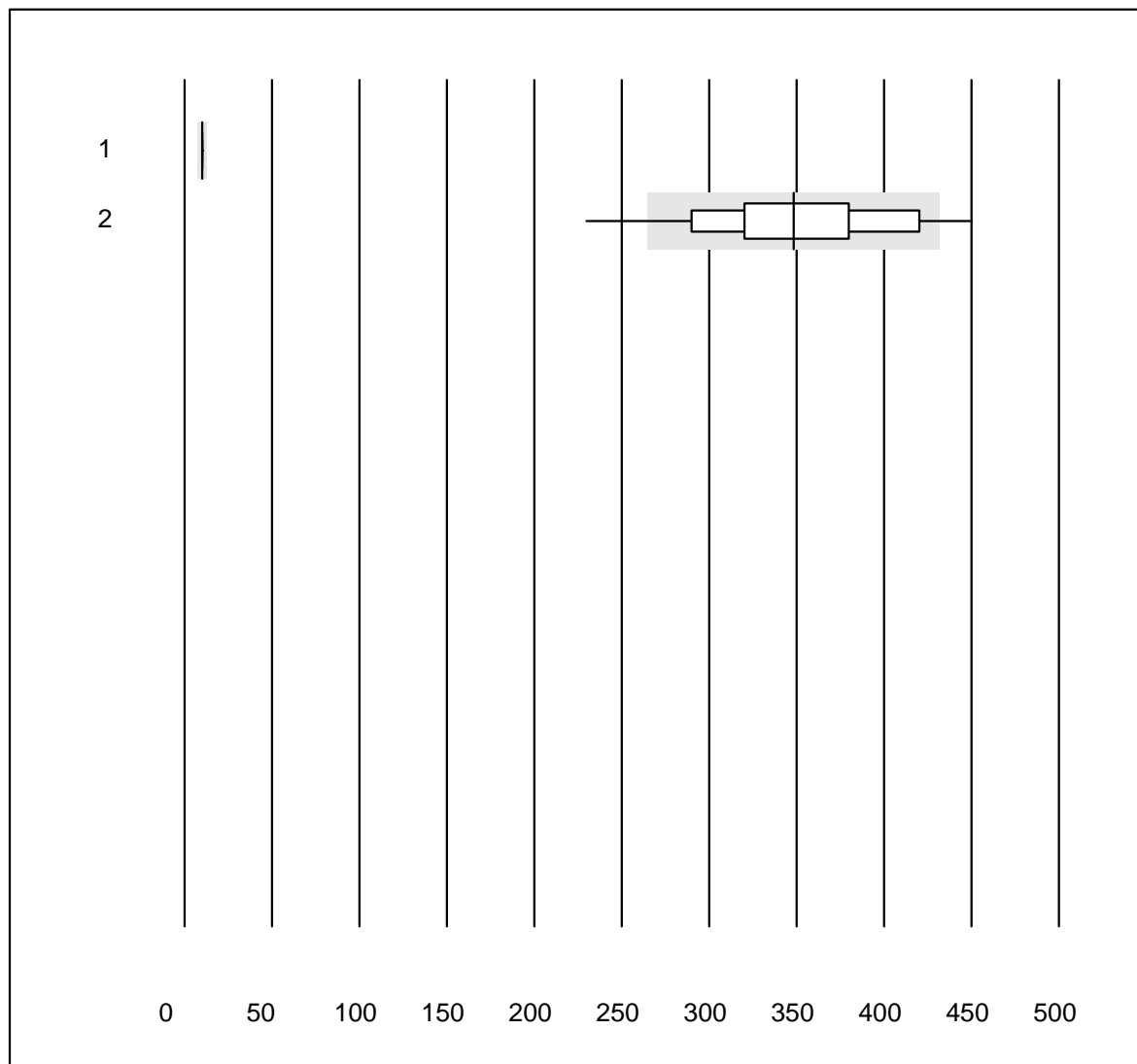


QUALAB tolerance : 27 %

BNP (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	45	86.7	2.2	11.1	115.0	13.3	e

Troponin Triage

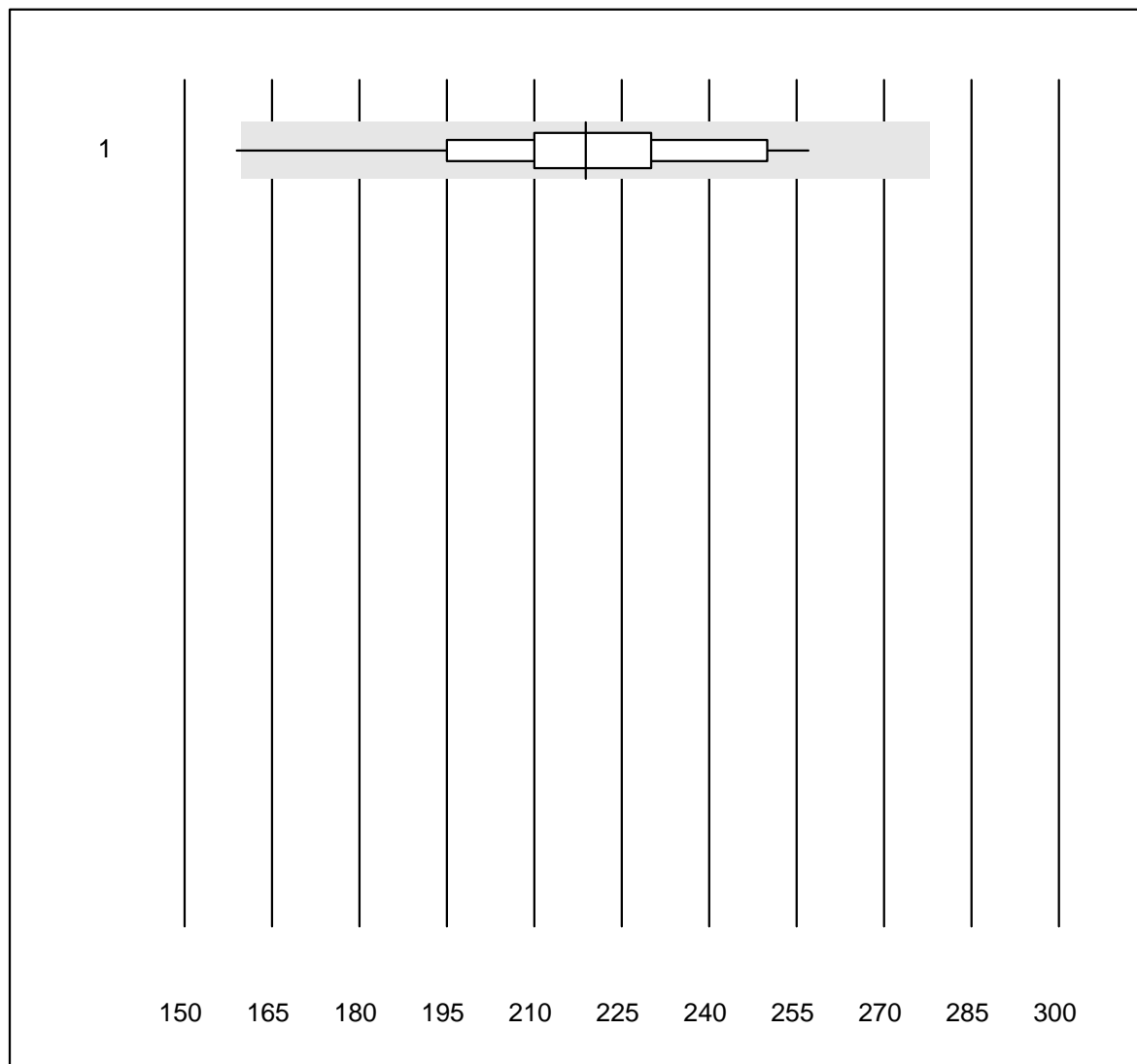


QUALAB tolerance : 24 %

Troponin Triage (ng/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Next Gen	38	86.8	0.0	13.2	10.00	0.0	a
2	Triage SOB/Cardiac	22	68.2	9.1	22.7	348.24	15.6	e*

NT-Pro-BNP

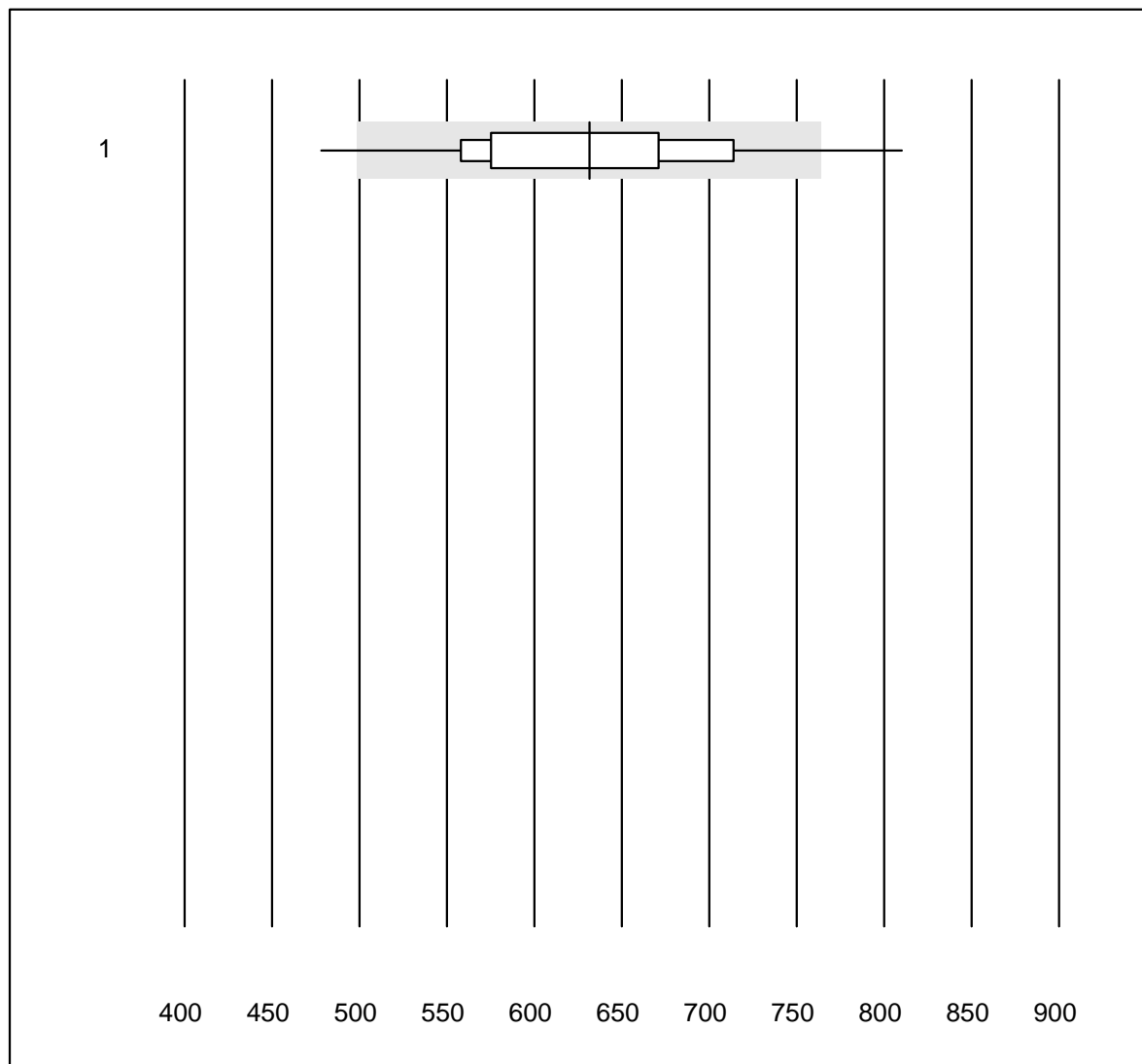


QUALAB tolerance : 27 %

NT-Pro-BNP (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	13	92.3	7.7	0.0	219	11.6	e

D-dimer Triage

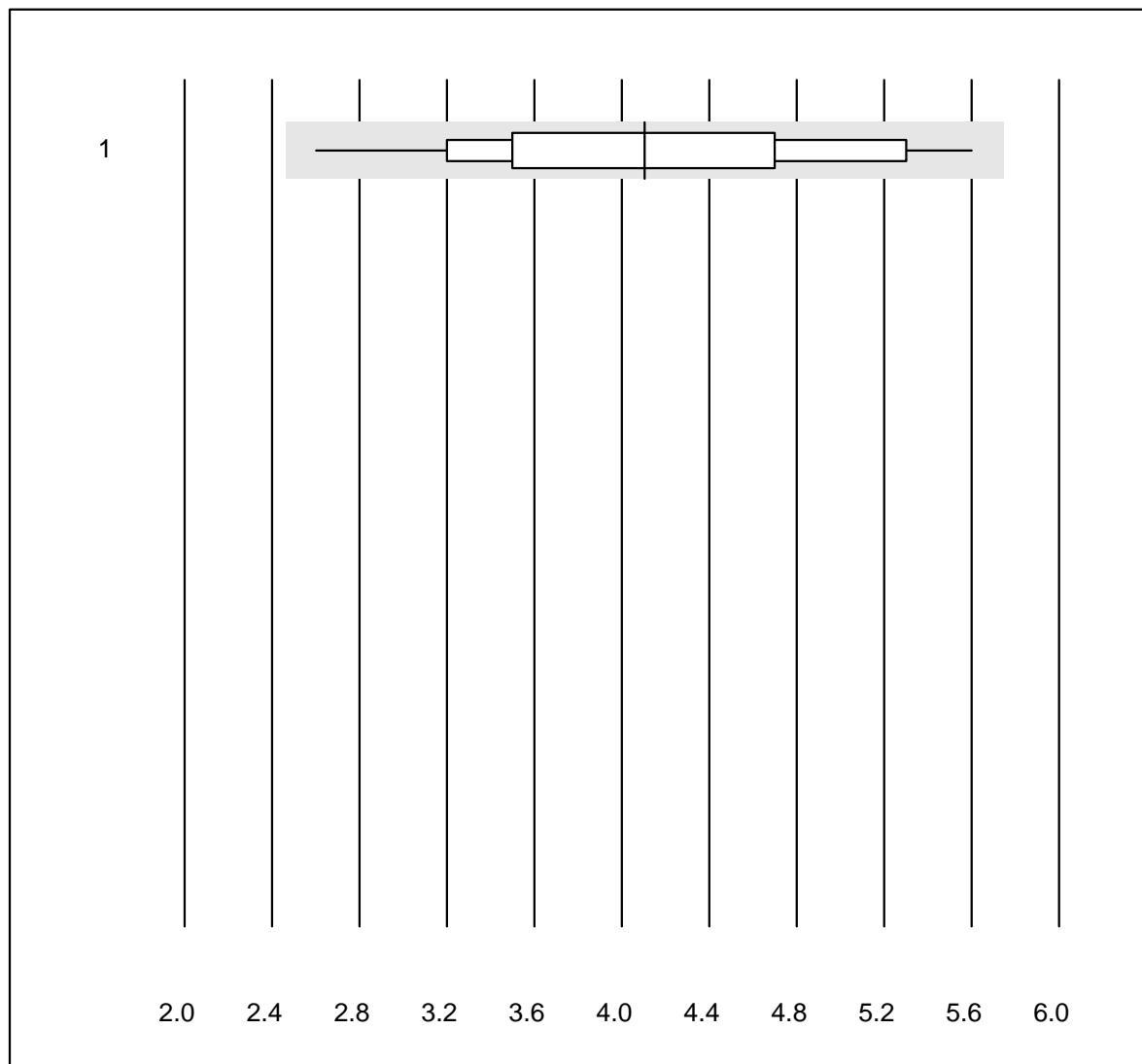


QUALAB tolerance : 21 %

D-dimer Triage (ng/ml)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Triage	56	94.6	3.6	1.8	631.36	10.4	e

CK-MB Triage

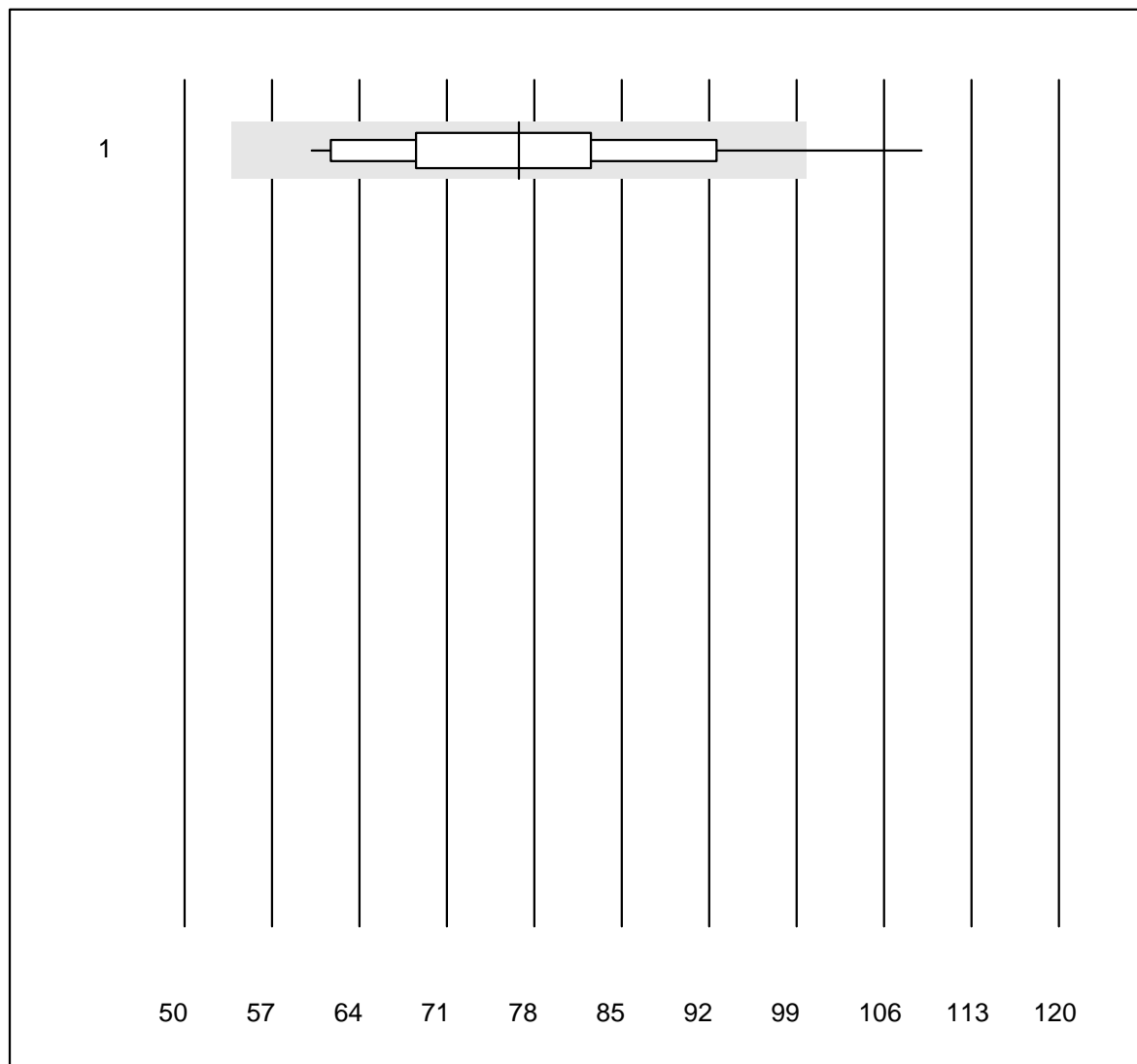


QUALAB tolerance : 40 %

CK-MB Triage (µg/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Triage	20	95.0	0.0	5.0	4.1	19.0	e

Myoglobin Triage

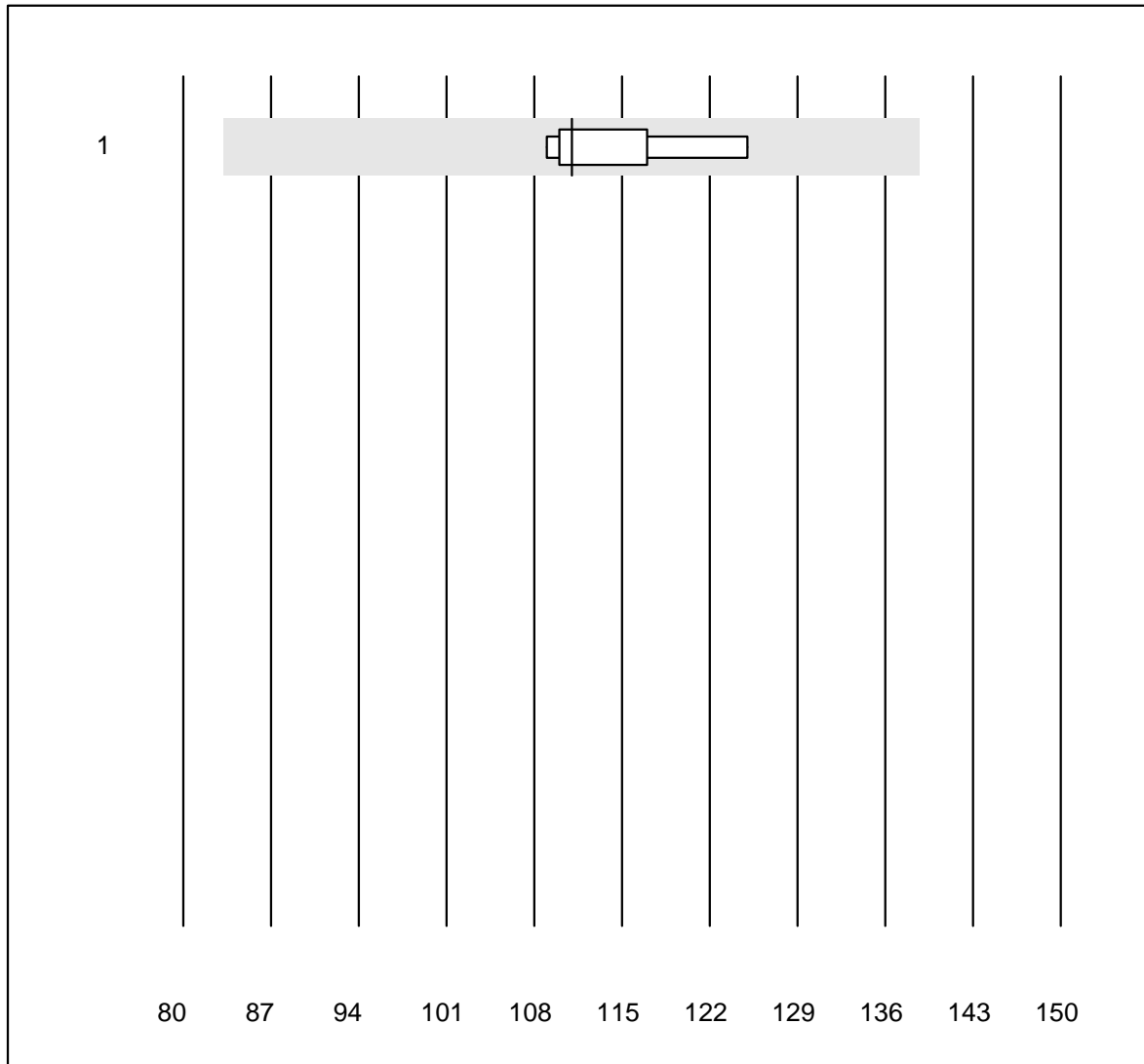


QUALAB tolerance : 30 %

Myoglobin Triage (µg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	18	88.8	5.6	5.6	76.8	16.2	e*

Amylase - Urine

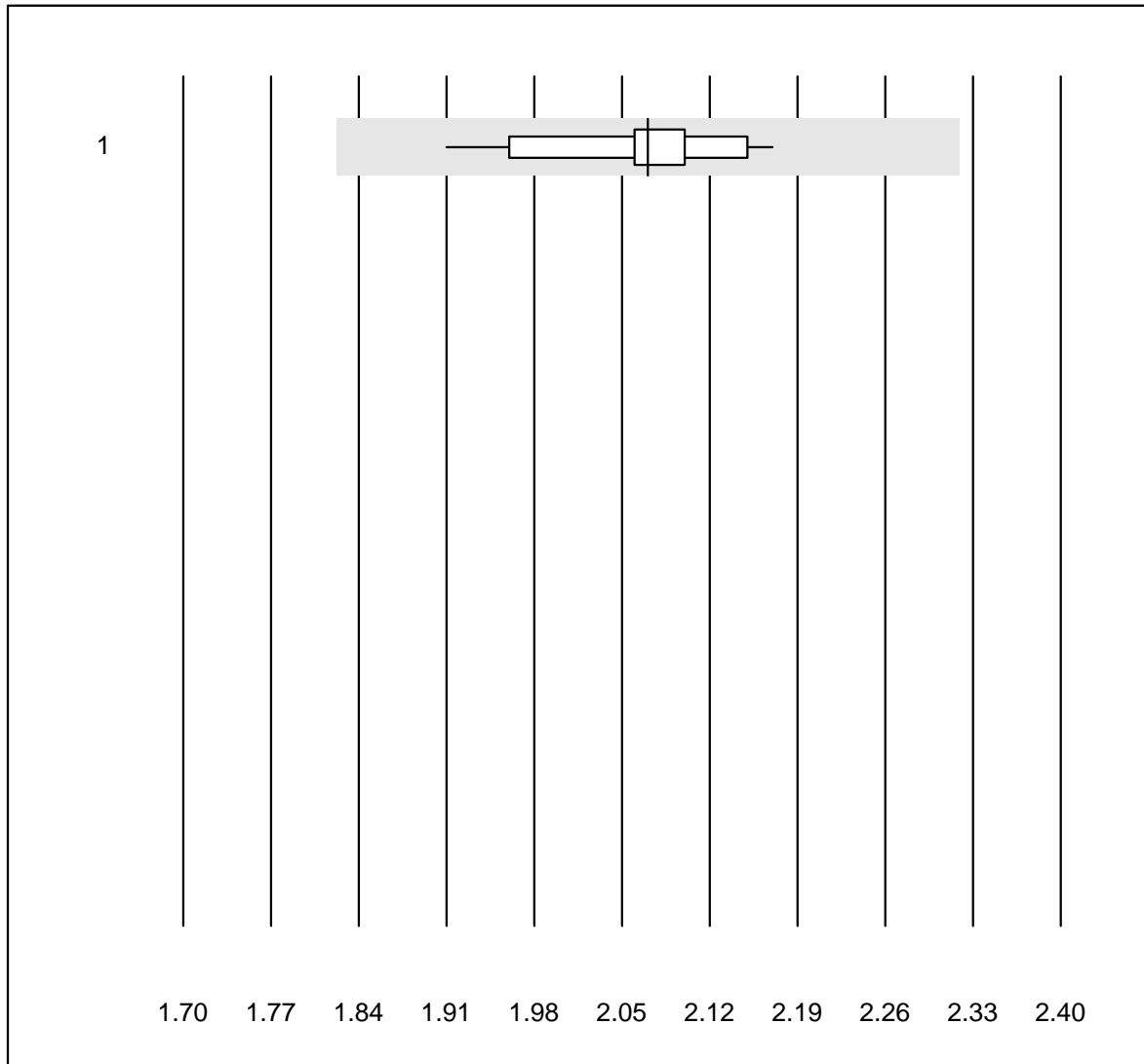


QUALAB tolerance : 25 %

Amylase - Urine (U/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	5	100.0	0.0	0.0	111	5.9	e

Calcium - Urine

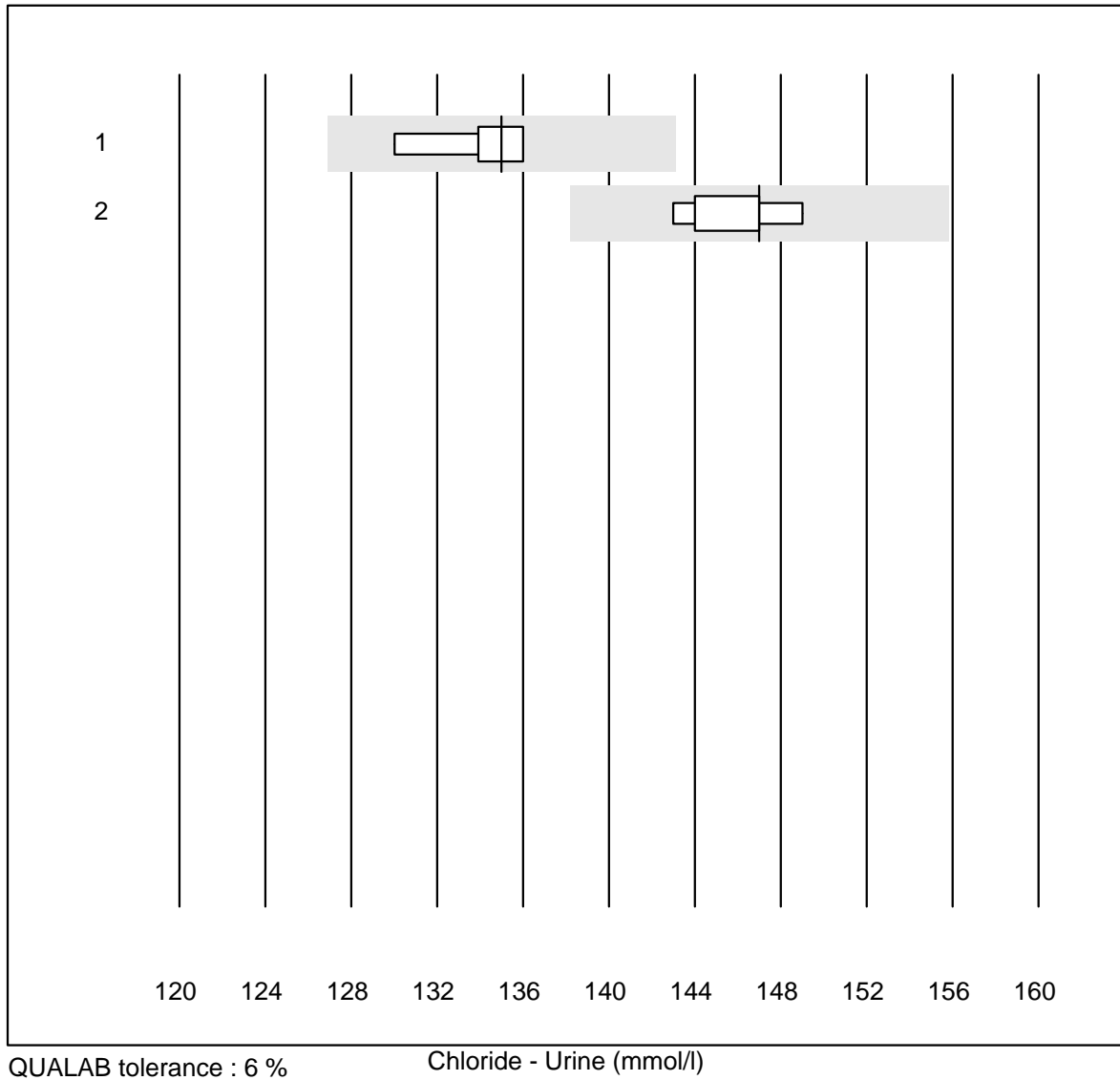


QUALAB tolerance : 12 %

Calcium - Urine (mmol/l)

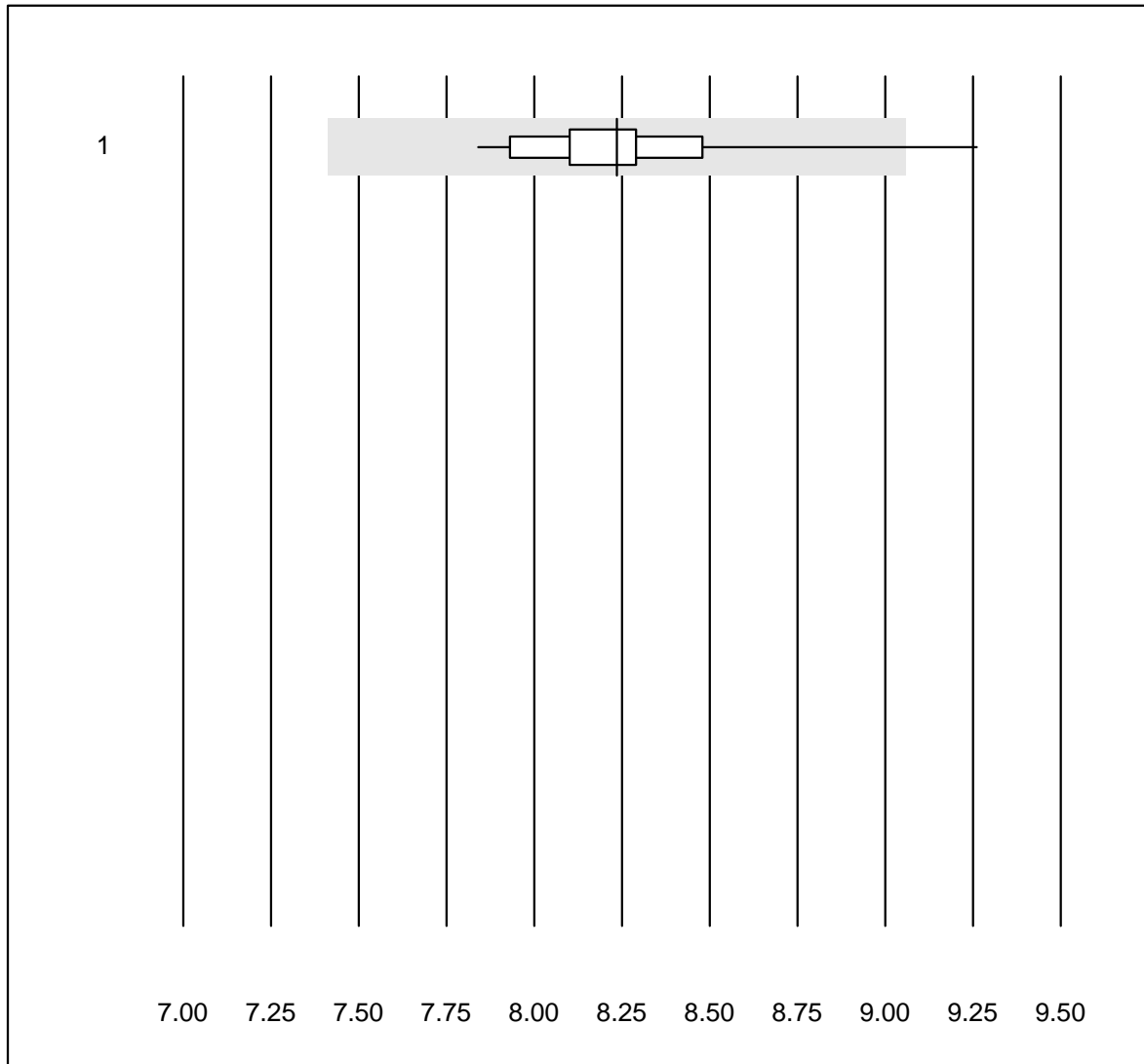
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	15	100.0	0.0	0.0	2.07	3.4	e

Chloride - Urine



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	7	100.0	0.0	0.0	135	1.5	e
2	Standard chemistry	6	100.0	0.0	0.0	147	1.5	e

Glucose - Urine

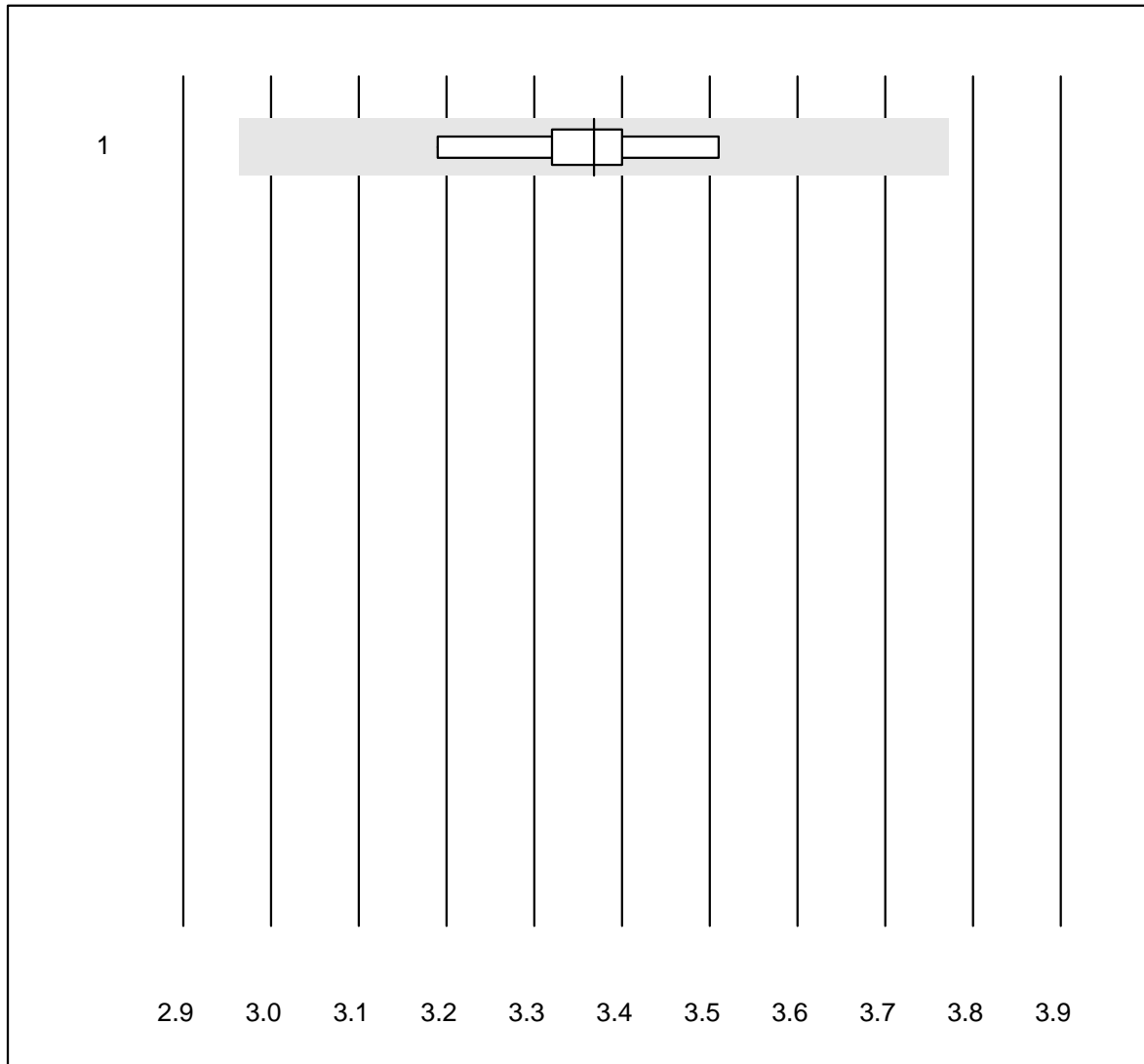


QUALAB tolerance : 10 %

Glucose - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	17	94.1	5.9	0.0	8.2	3.7	e

Magnesium - Urine

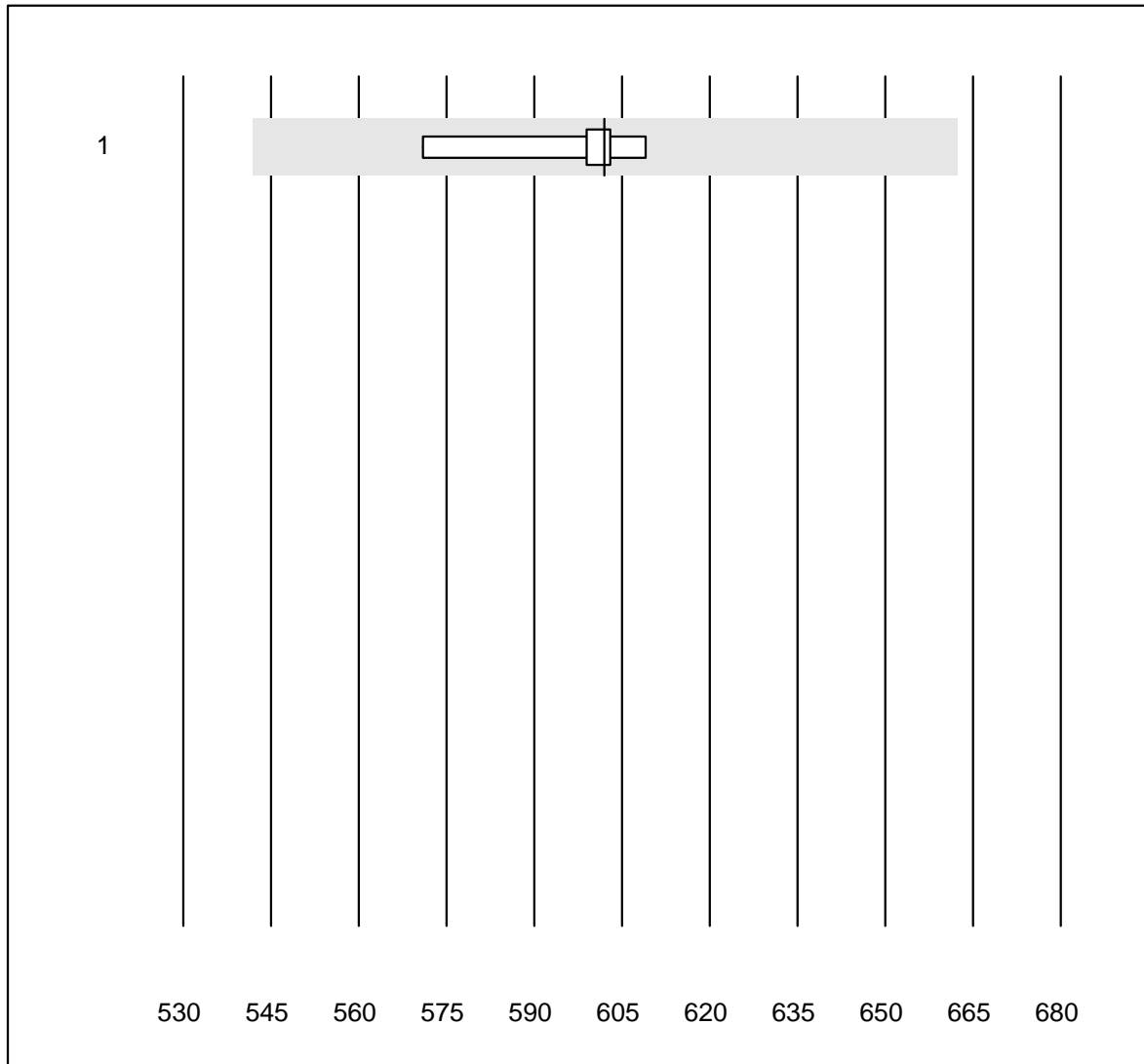


QUALAB tolerance : 12 %

Magnesium - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	10	100.0	0.0	0.0	3.37	2.9	e

Osmolality - Urine

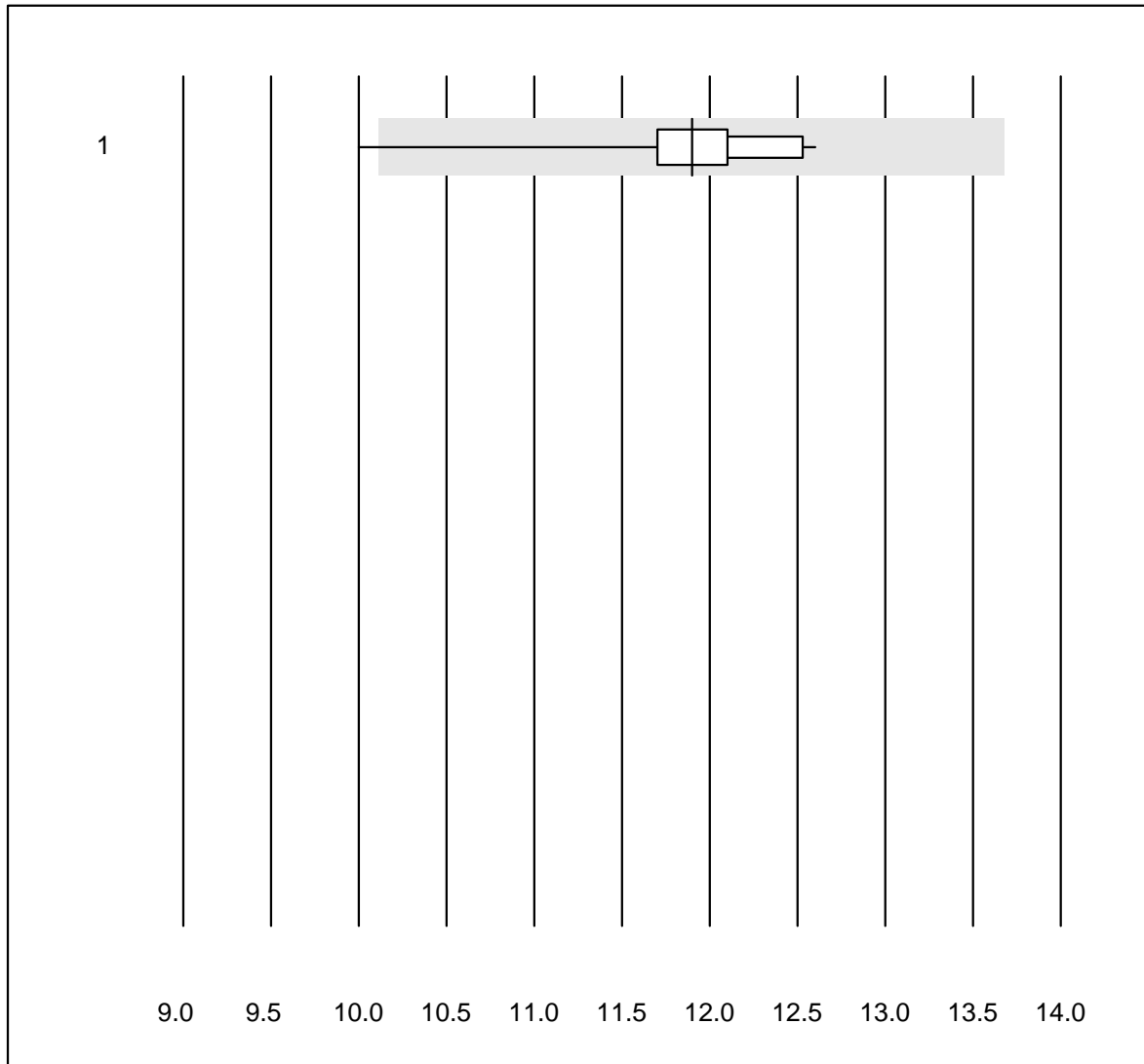


QUALAB tolerance : 10 %

Osmolality - Urine (mosm/kg)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Cryoscopy	9	100.0	0.0	0.0	602	1.8	e

Phosphate - Urine

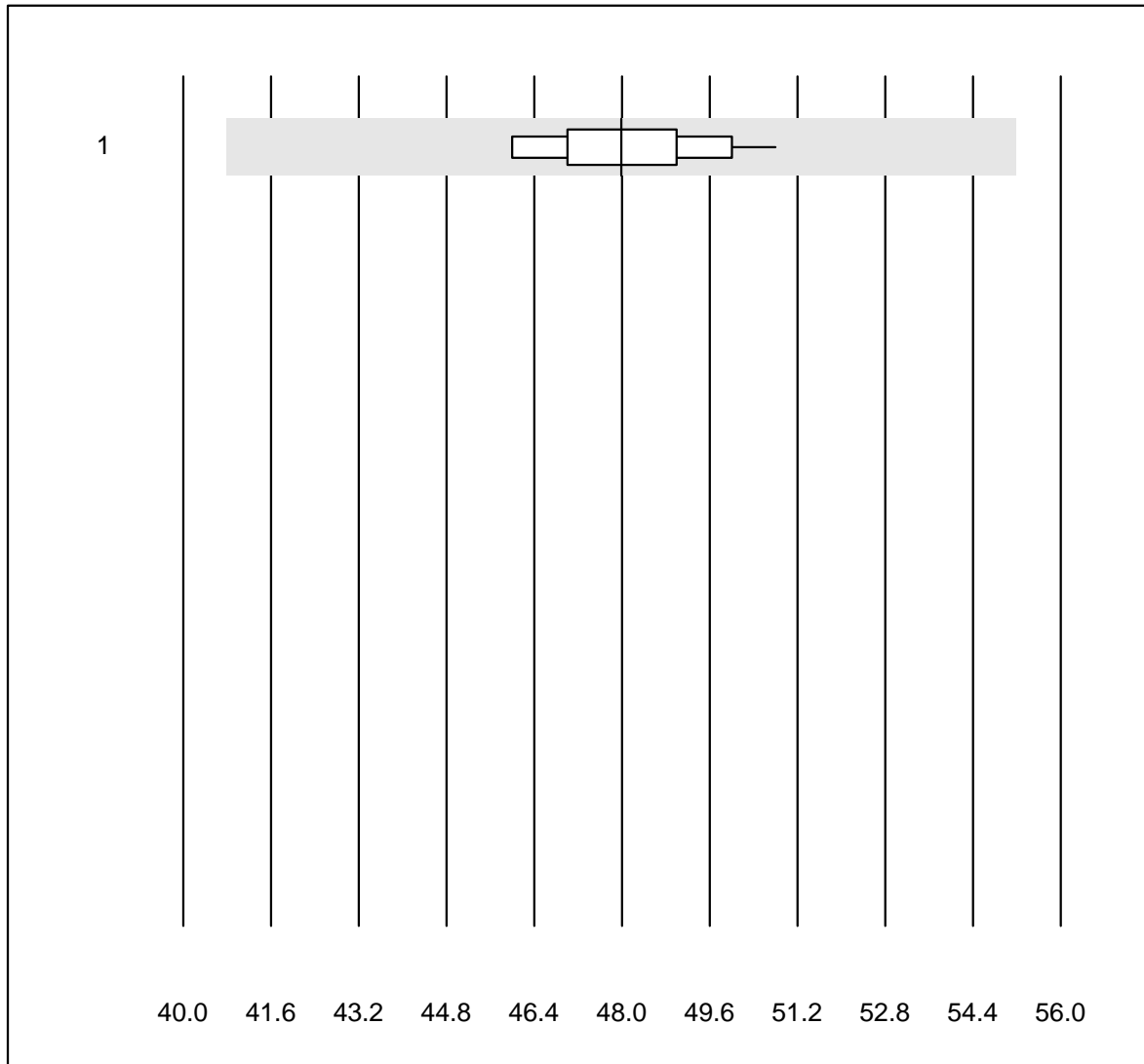


QUALAB tolerance : 15 %

Phosphate - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	15	93.3	6.7	0.0	11.9	5.1	e

Potassium - Urine

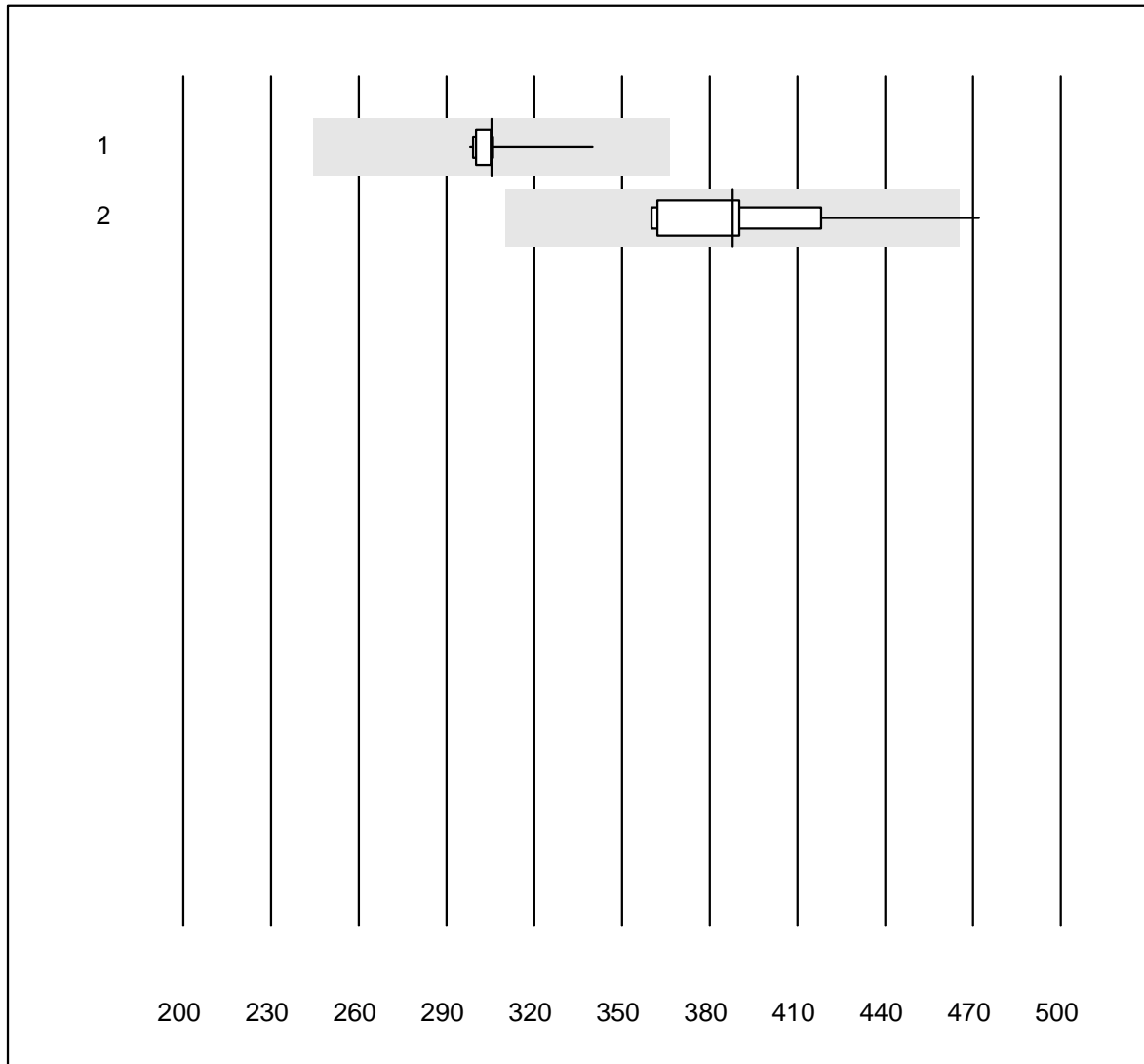


QUALAB tolerance : 15 %

Potassium - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	24	100.0	0.0	0.0	48	2.9	e

total Protein - Urine

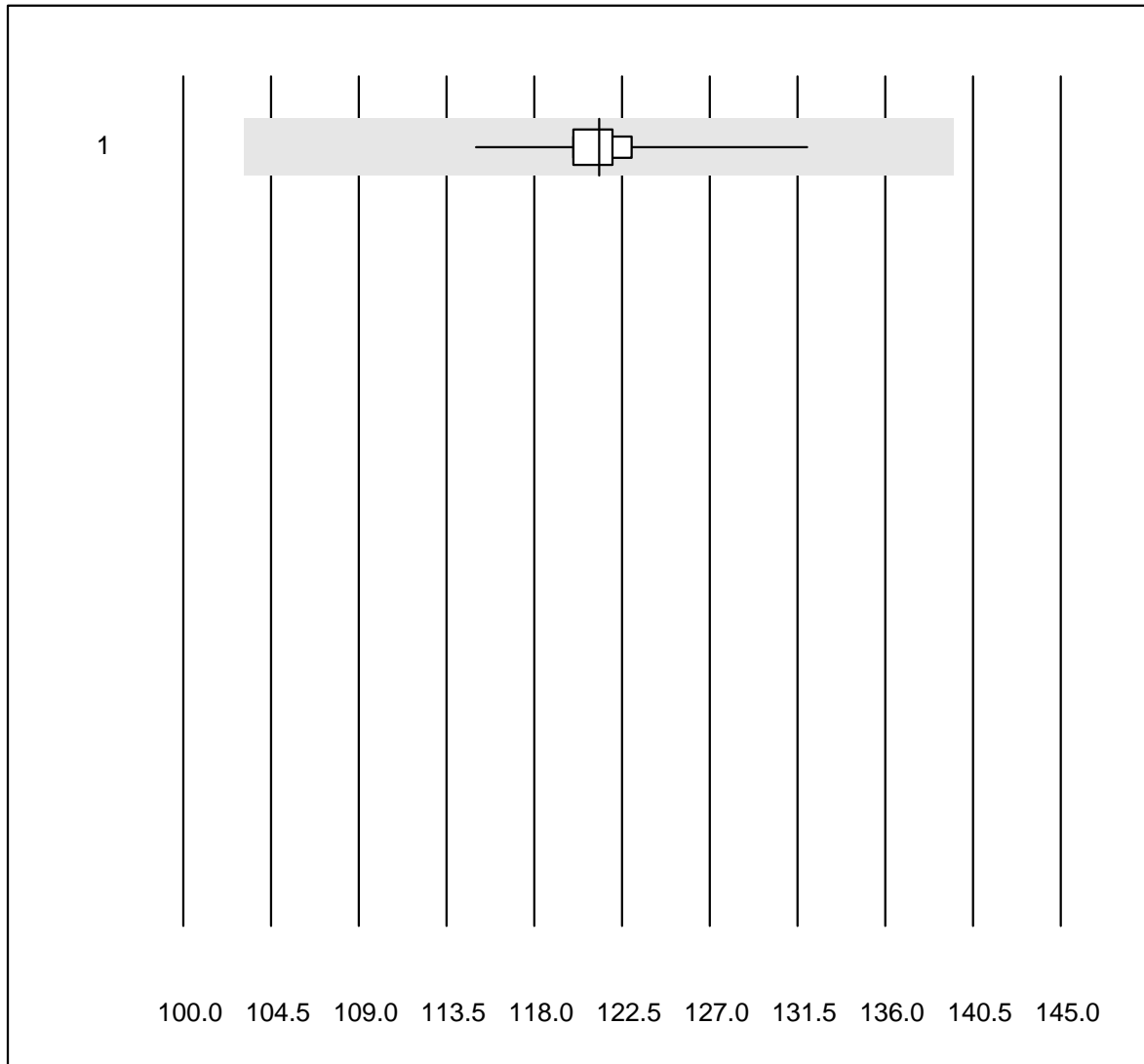


QUALAB tolerance : 20 %

total Protein - Urine (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas/Roche	12	100.0	0.0	0.0	305.3	3.7	e
2	Standard chemistry	10	90.0	10.0	0.0	387.8	8.9	e*

Sodium - Urine

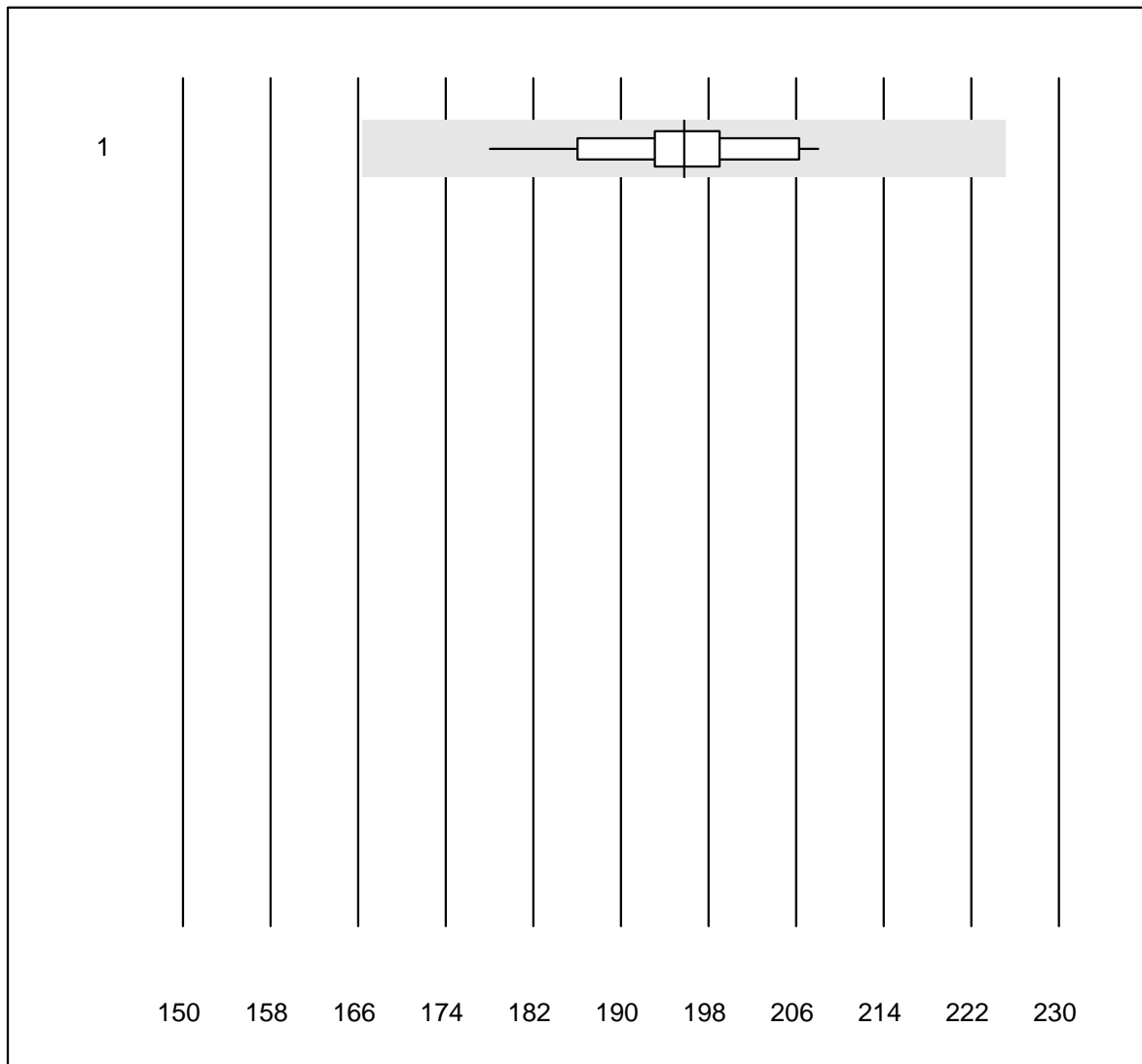


QUALAB tolerance : 15 %

Sodium - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	24	100.0	0.0	0.0	121	2.5	e

Urea - Urine

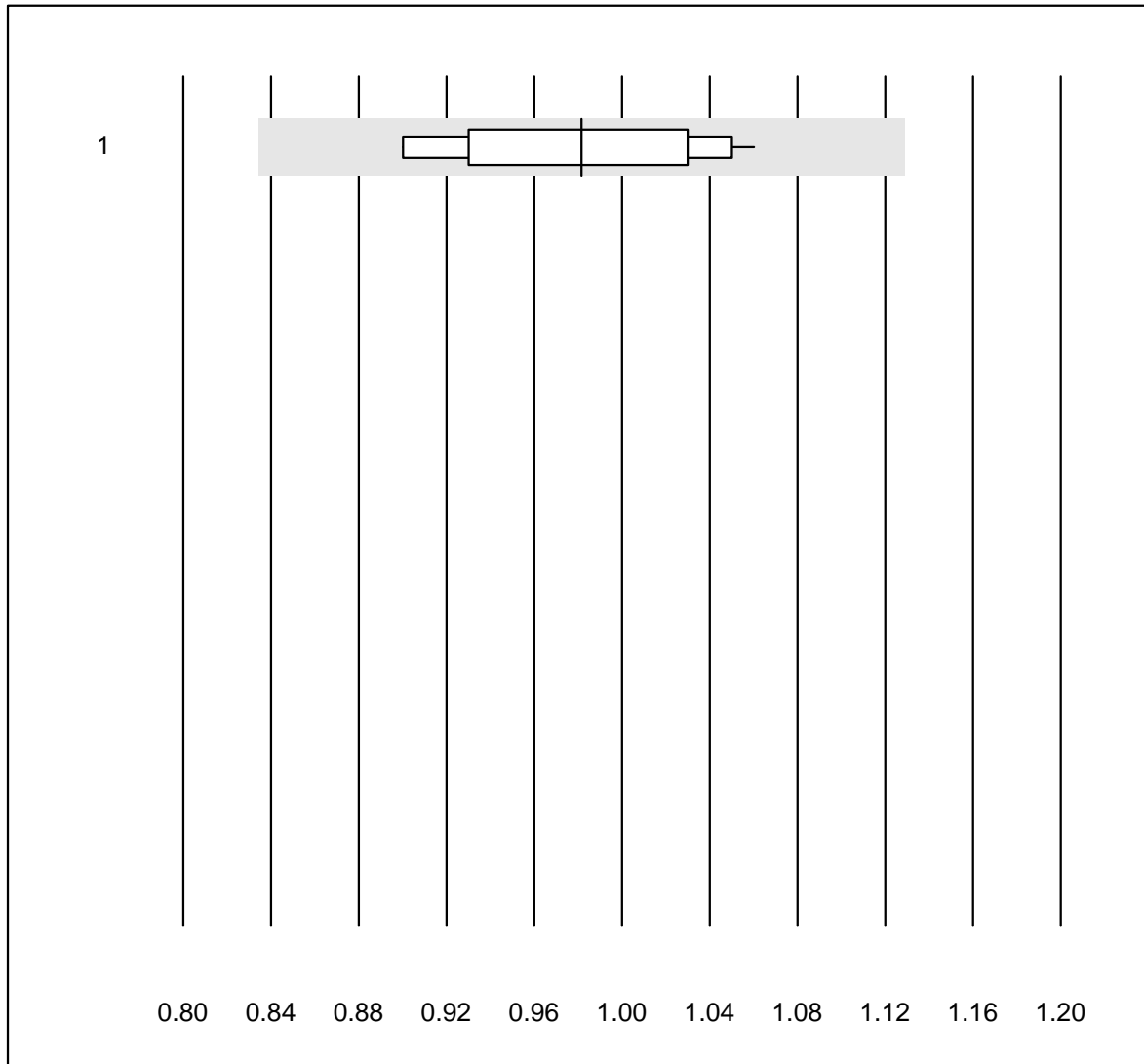


QUALAB tolerance : 15 %

Urea - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Standard chemistry	19	100.0	0.0	0.0	196	3.6	e

Uric Acid - Urine

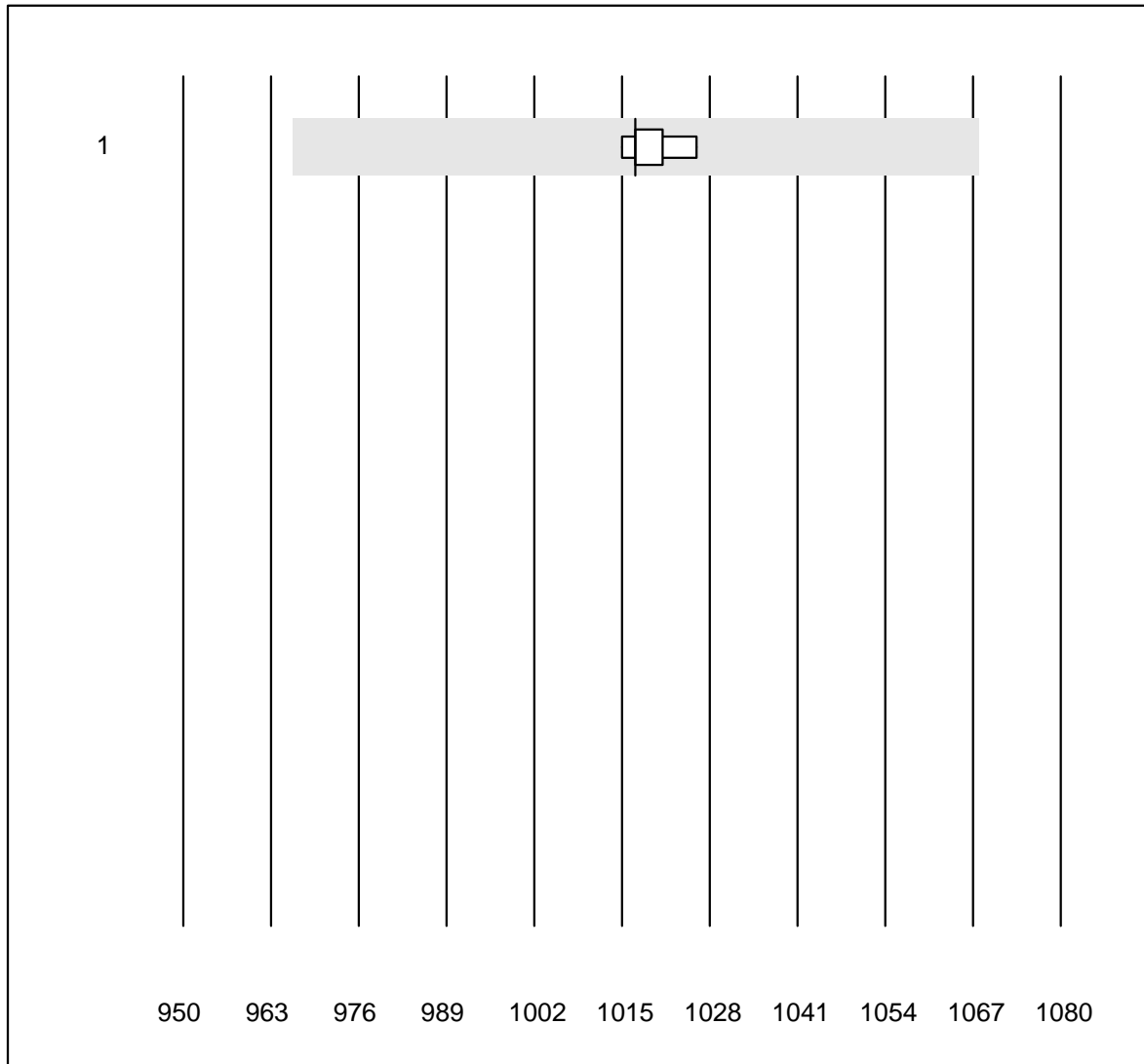


QUALAB tolerance : 15 %

Uric Acid - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	0.98	5.6	e

Specific Gravity - Urine

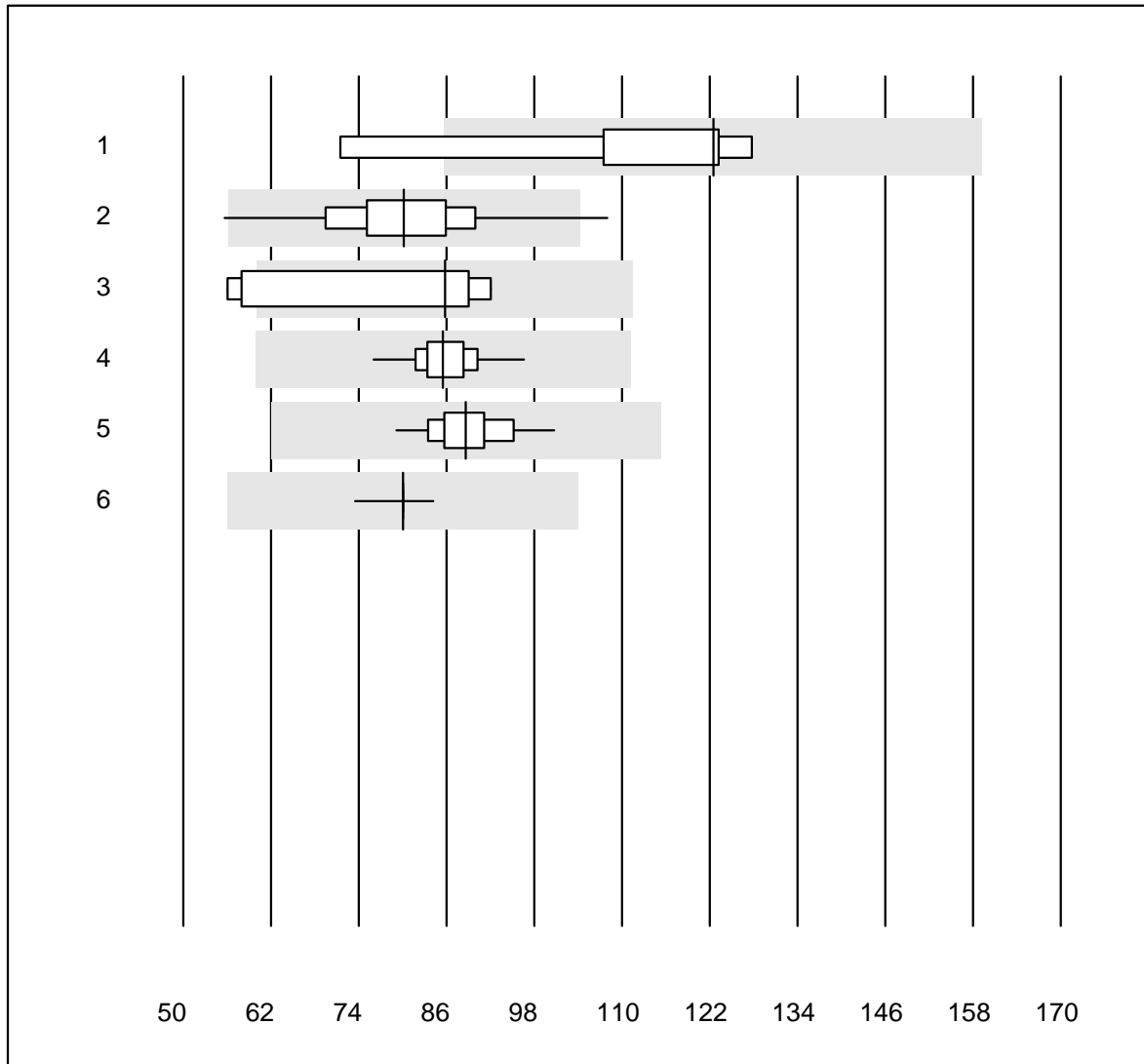


QUALAB tolerance : 5 %

Specific Gravity - Urine ()

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Refractometer	7	100.0	0.0	0.0	1017.000	0.4	e

Creatinine U

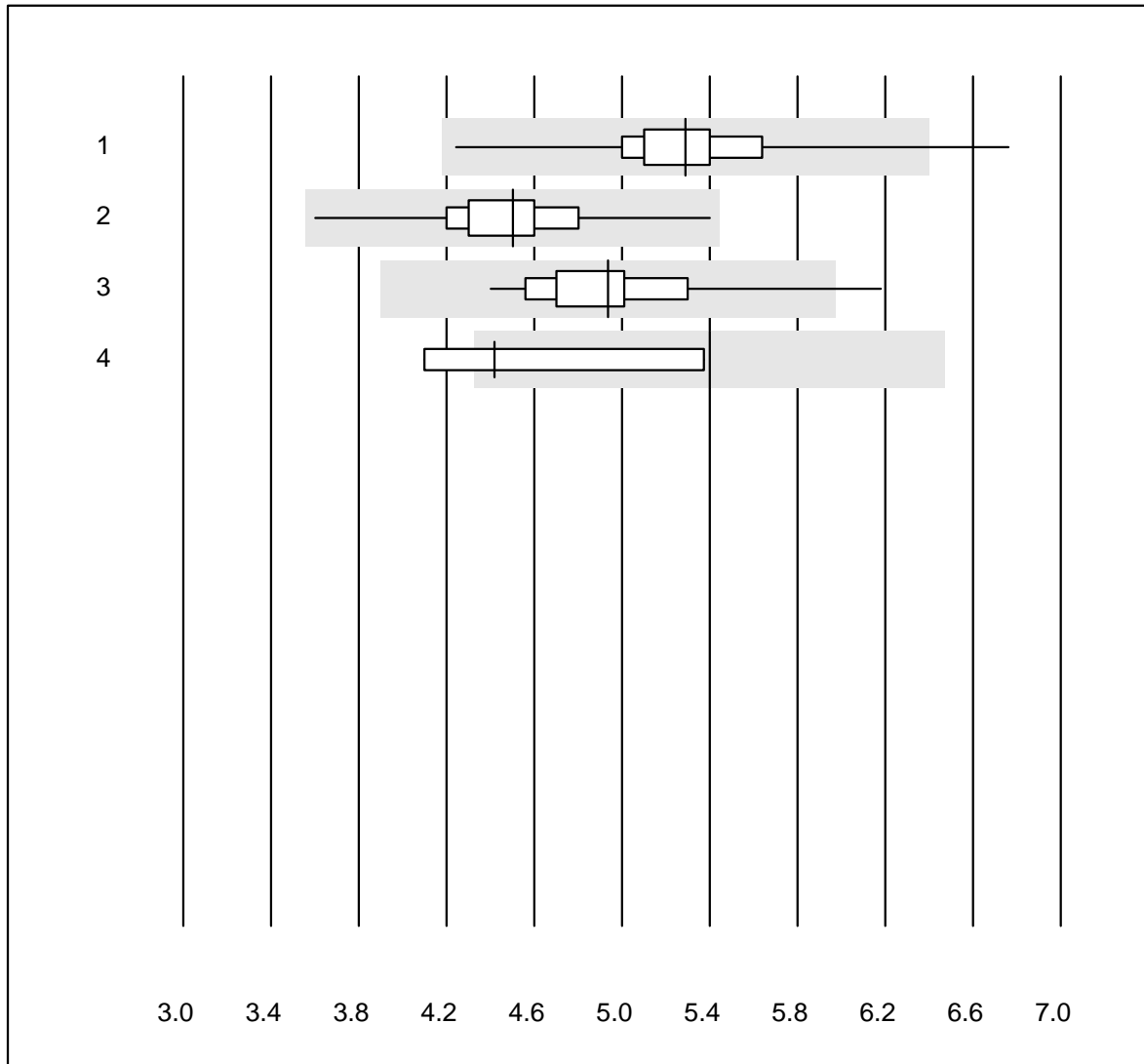


QUALAB tolerance : 30 %

Creatinine U (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AFIAS	7	85.7	14.3	0.0	122.5	17.2	e*
2	Afinion	353	97.4	0.6	2.0	80.2	10.2	e
3	NycoCard	8	50.0	25.0	25.0	85.8	21.4	a
4	Turbidimetry	21	100.0	0.0	0.0	85.5	5.1	e
5	DCA2000/Vantage	132	97.0	0.0	3.0	88.6	5.1	e
6	Siemens Clinitek	13	92.3	0.0	7.7	80.0	2.9	a

Creatinin Urin



QUALAB tolerance : 21 %

Creatinin Urin (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	DCA2000/Vantage	132	95.4	0.8	3.8	5.3	5.5	e
2	Afinion	352	98.9	0.0	1.1	4.5	5.3	e
3	Standard chemistry	36	97.2	2.8	0.0	4.9	6.5	e
4	Siemens Clinitek	13	38.5	7.7	53.8	5.4	9.6	a