Verein für
Association pour le
Associazione per il

medizinische Qualitätskontrolle
contrôle de qualité médical
controllo di qualità medico

Survey Report

2018 - 3

MQ, Institut für Klinische Chemie, Universitätsspital Zürich, 8091 Zürich
Telefon 044/255 34 11, Telefax 043/508 07 02, www.mqzh.ch, info@mqzh.ch

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.

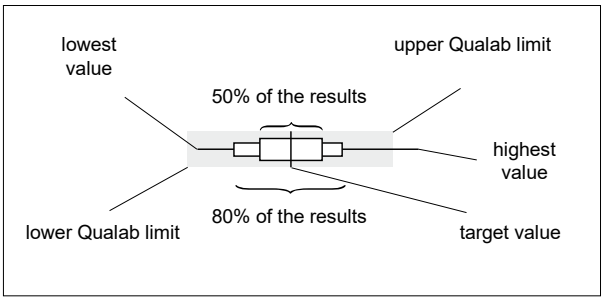
Uncertainty of the determined target values
The standard uncertainty (u_x) is calculated using the following formula (ISO13528):
ux = (target value/100) * (1.25/square root of "number of participants") * %CV

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

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

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

Graphics
The results are shown graphically as follows:



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

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

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Zürich, 28.9.2018

Dr. R. Fried
Survey Director

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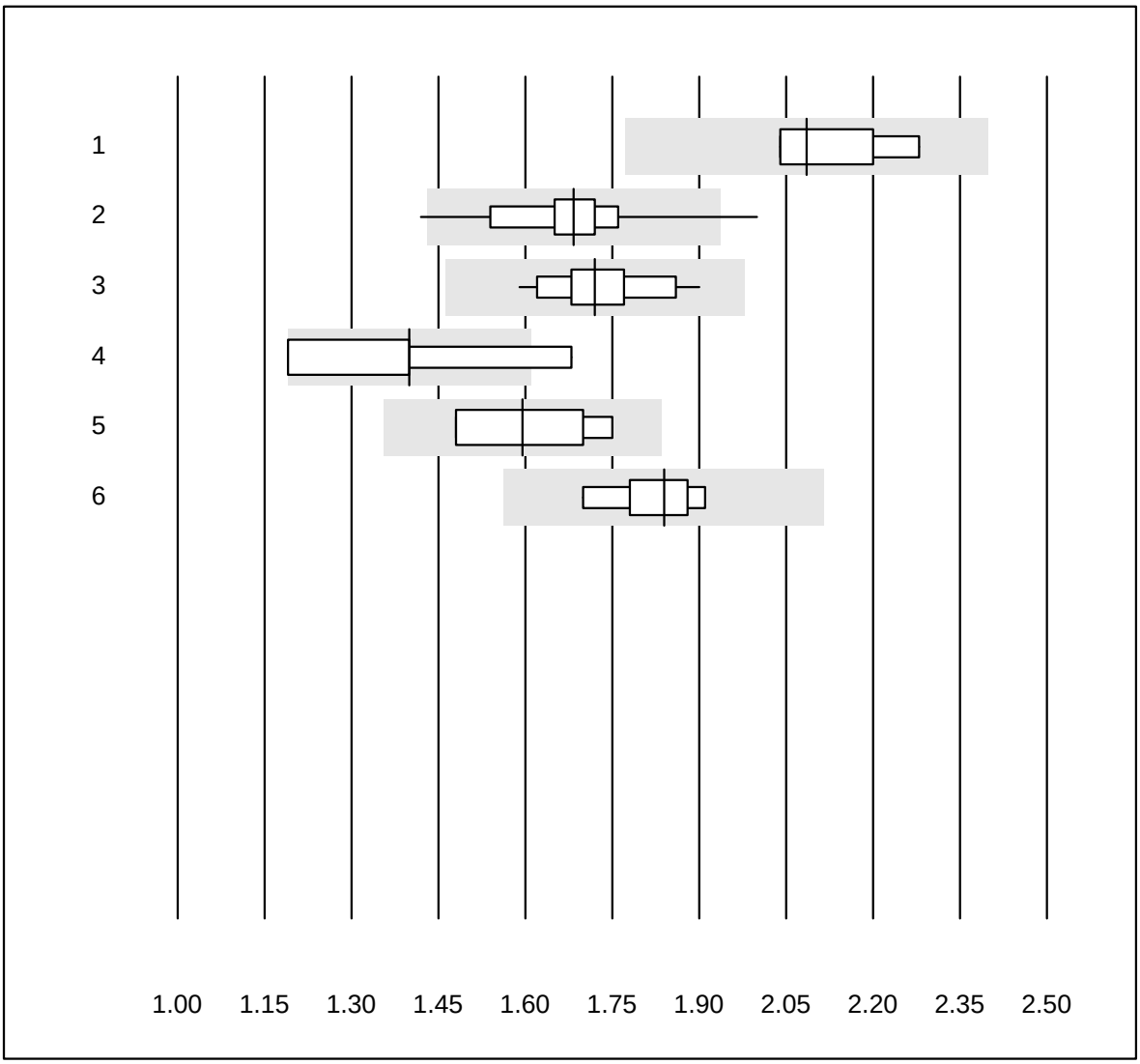
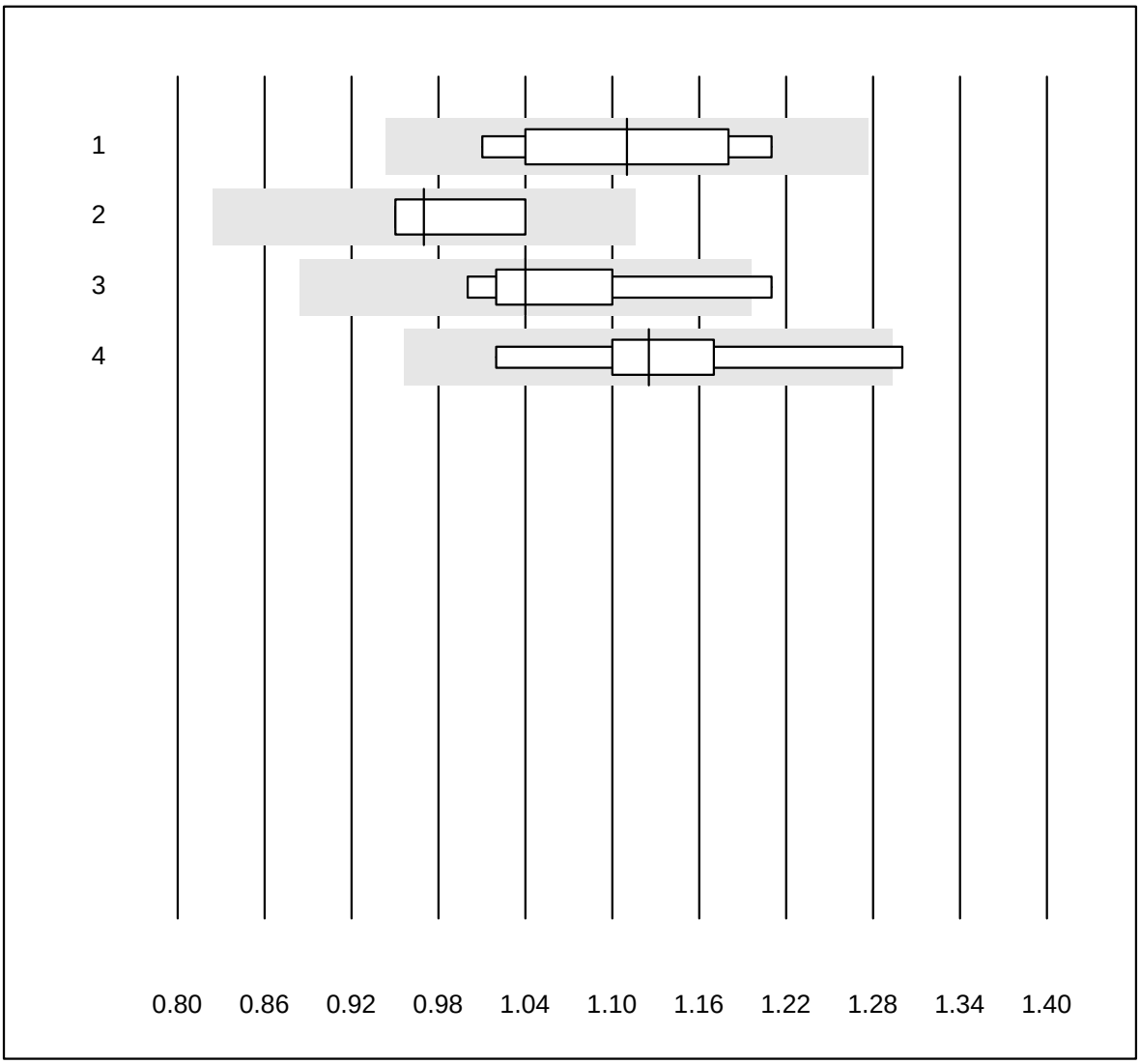
INR



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin Plus	6	100.0	0.0	0.0	2.09	4.6	e*
2	Innovin	11	81.8	18.2	0.0	1.68	8.4	e*
3	Recombiplastin 2G	18	100.0	0.0	0.0	1.72	4.7	e
4	Eurolyser	5	40.0	40.0	20.0	1.40	14.2	e*
5	Other methods	4	100.0	0.0	0.0	1.60	8.7	e*
6	Neoplastin R	9	100.0	0.0	0.0	1.84	4.2	e

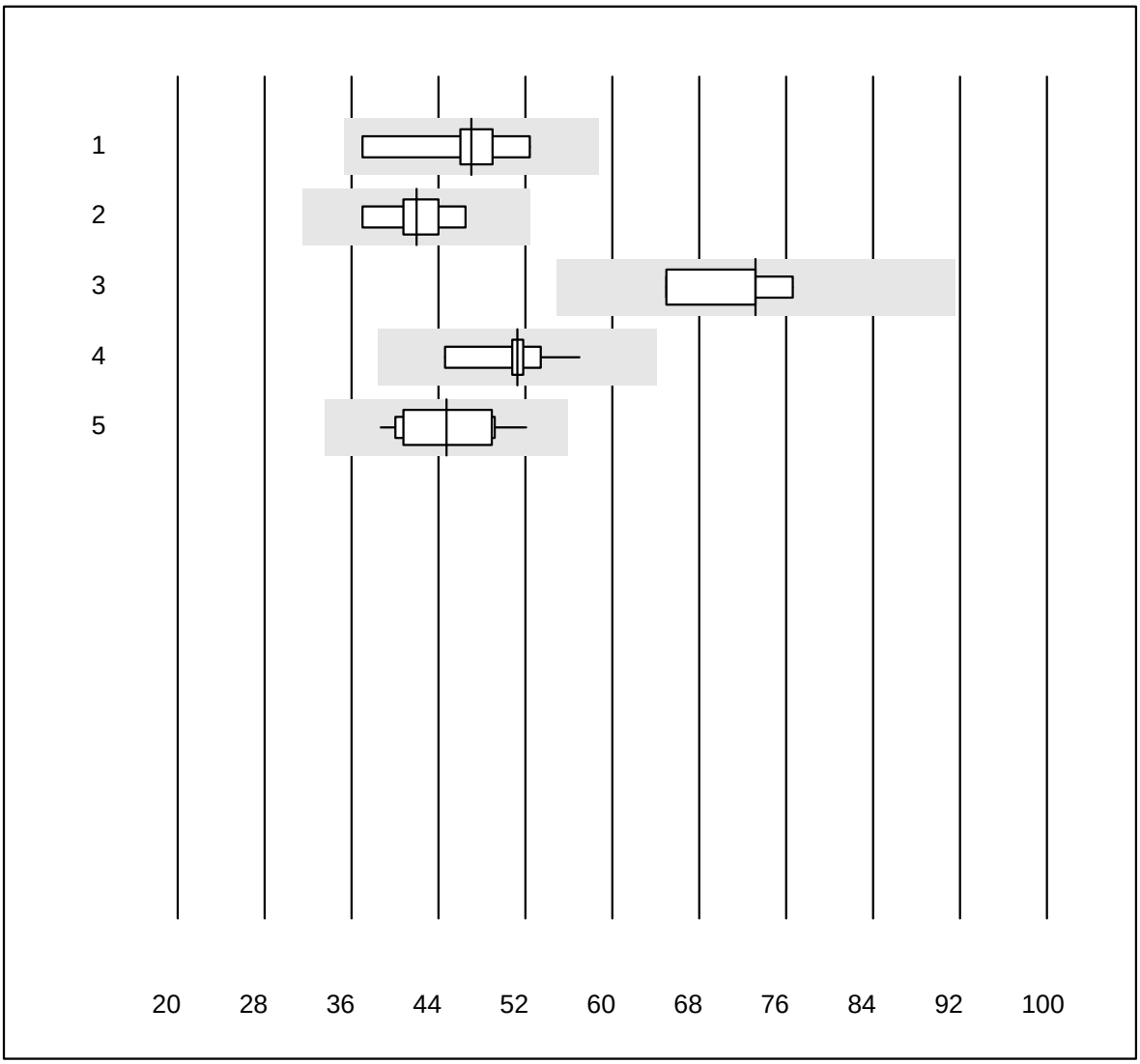
Fibrinogen OA



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	7	100.0	0.0	0.0	1.11	6.4	e*
2	Siemens Thrombin	4	75.0	0.0	25.0	0.97	4.5	e*
3	Stago/STA	9	88.9	11.1	0.0	1.04	6.2	e*
4	Fibrinogen Q.F.A.	6	83.3	16.7	0.0	1.13	8.1	e*

Activated Prothrombin Time

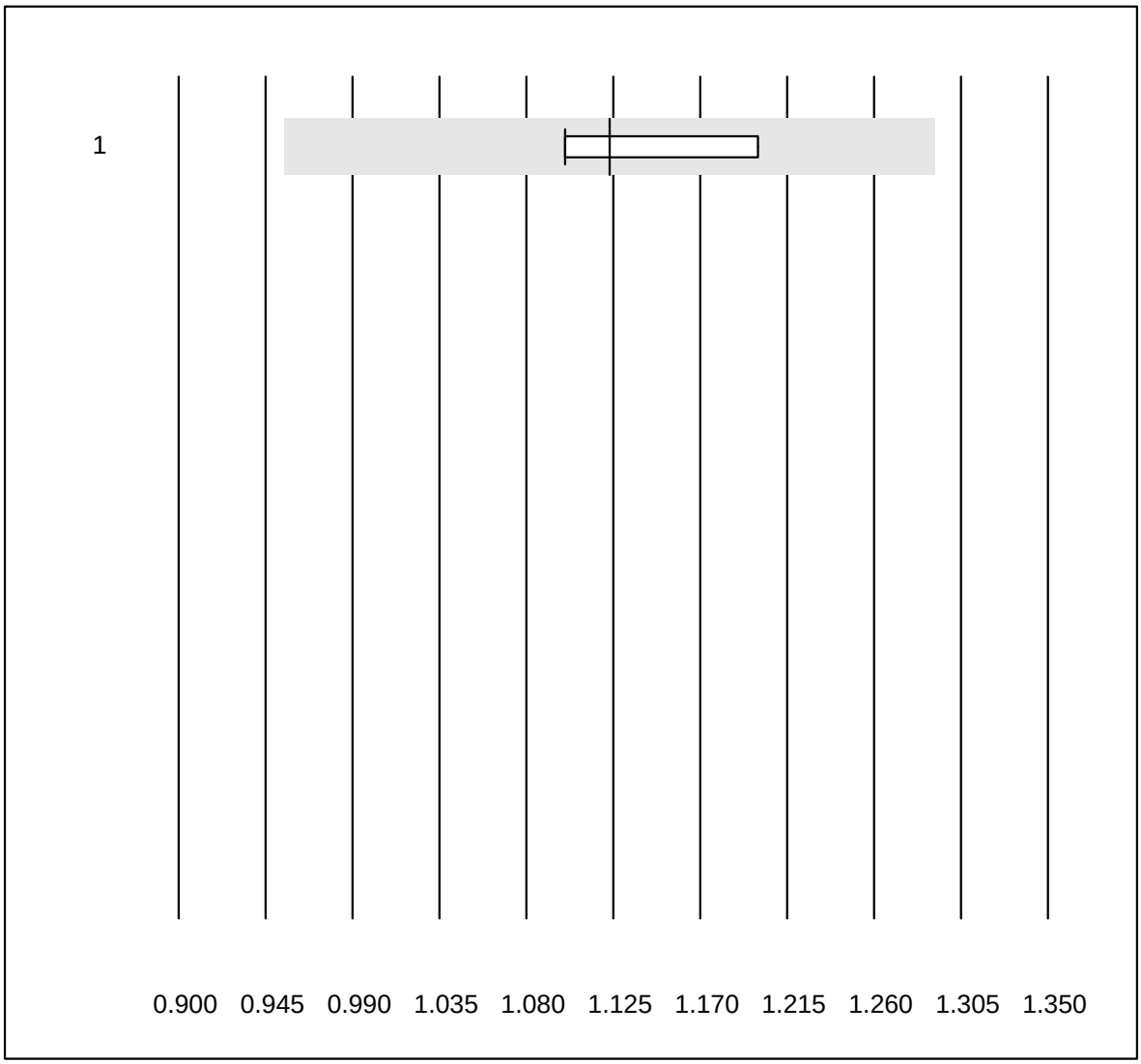


QUALAB tolerance : 25 %

Activated Prothrombin Time (Sek)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	5	100.0	0.0	0.0	47.0	12.4	e*
2	Actin FS	7	100.0	0.0	0.0	42.0	6.9	e
3	Pathromtin SL	4	100.0	0.0	0.0	73.2	7.0	e*
4	Stago/STA	10	100.0	0.0	0.0	51.3	6.0	e
5	aPTT-SP	11	100.0	0.0	0.0	44.7	9.3	e

INR CoaguChek

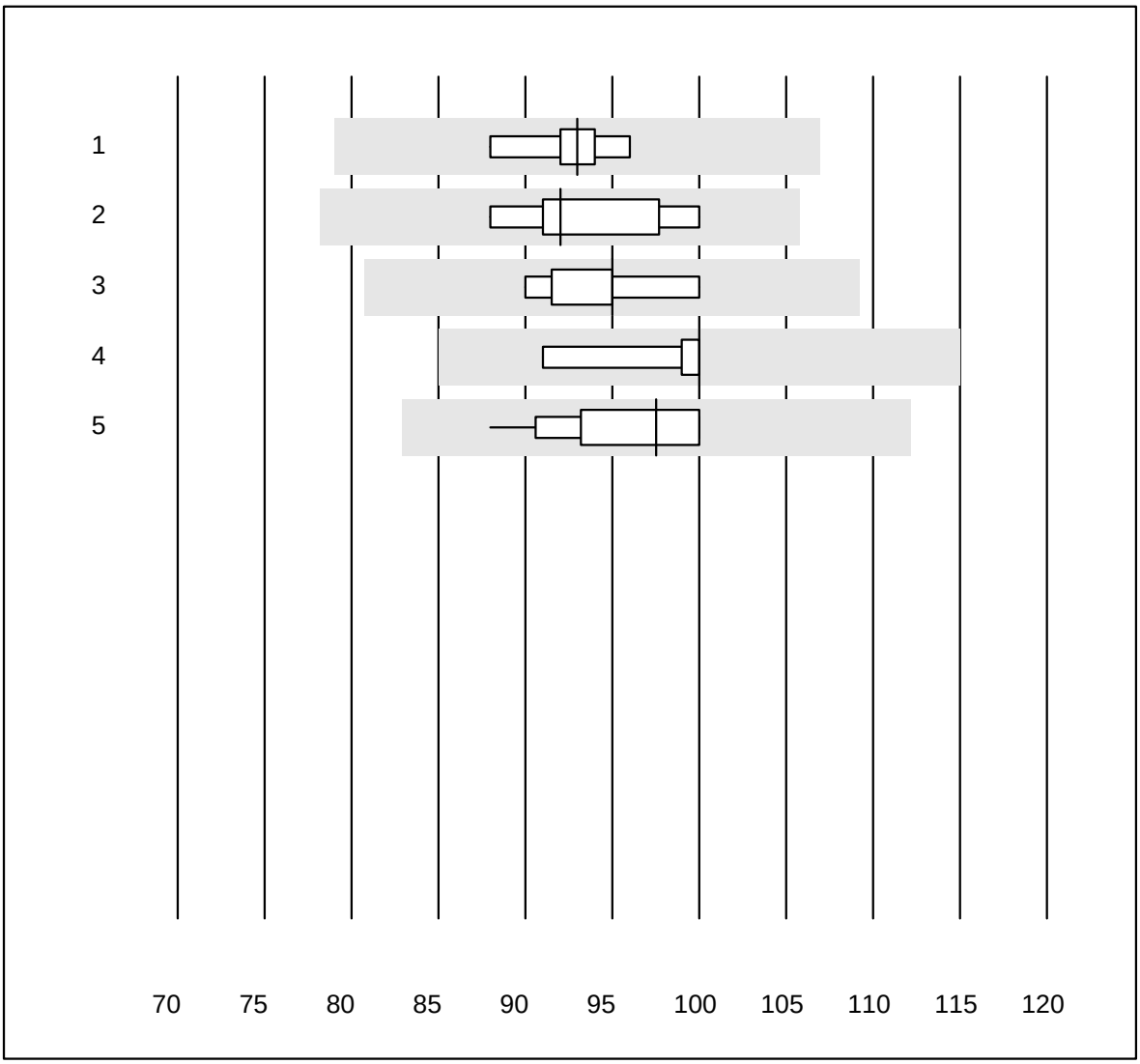


QUALAB tolerance : 15 %

INR CoaguChek ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CoaguChek Pro II	323	99.1	0.0	0.9	1.1	3.8	e

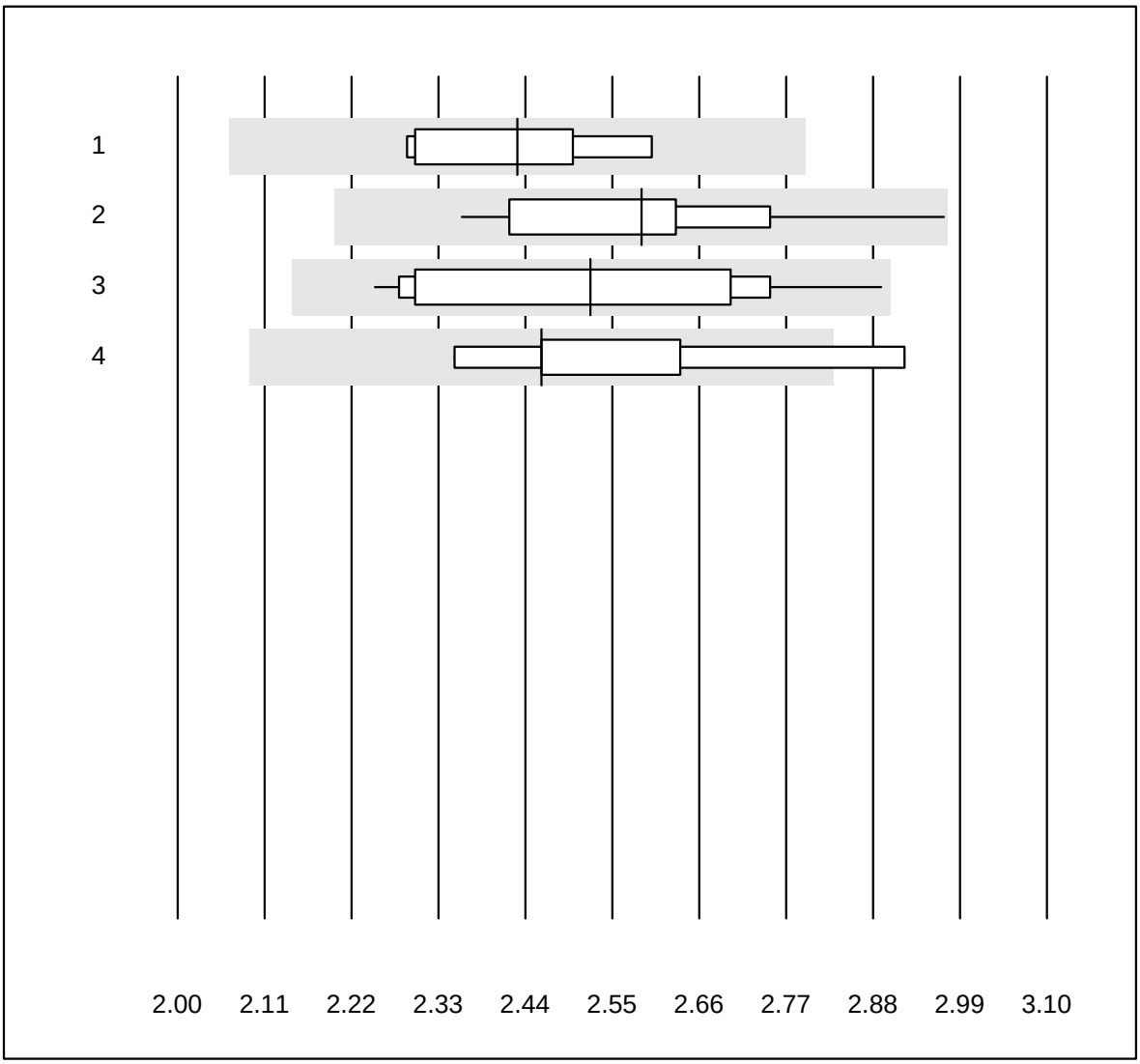
Prothrombin time NT



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	9	100.0	0.0	0.0	93	2.8	e
2	Neoplastin Plus	5	100.0	0.0	0.0	92	5.3	e*
3	Innovin	9	88.9	0.0	11.1	95	3.2	e
4	all Participants	5	100.0	0.0	0.0	100	4.0	e
5	Recombiplastin 2G	15	100.0	0.0	0.0	98	4.5	e

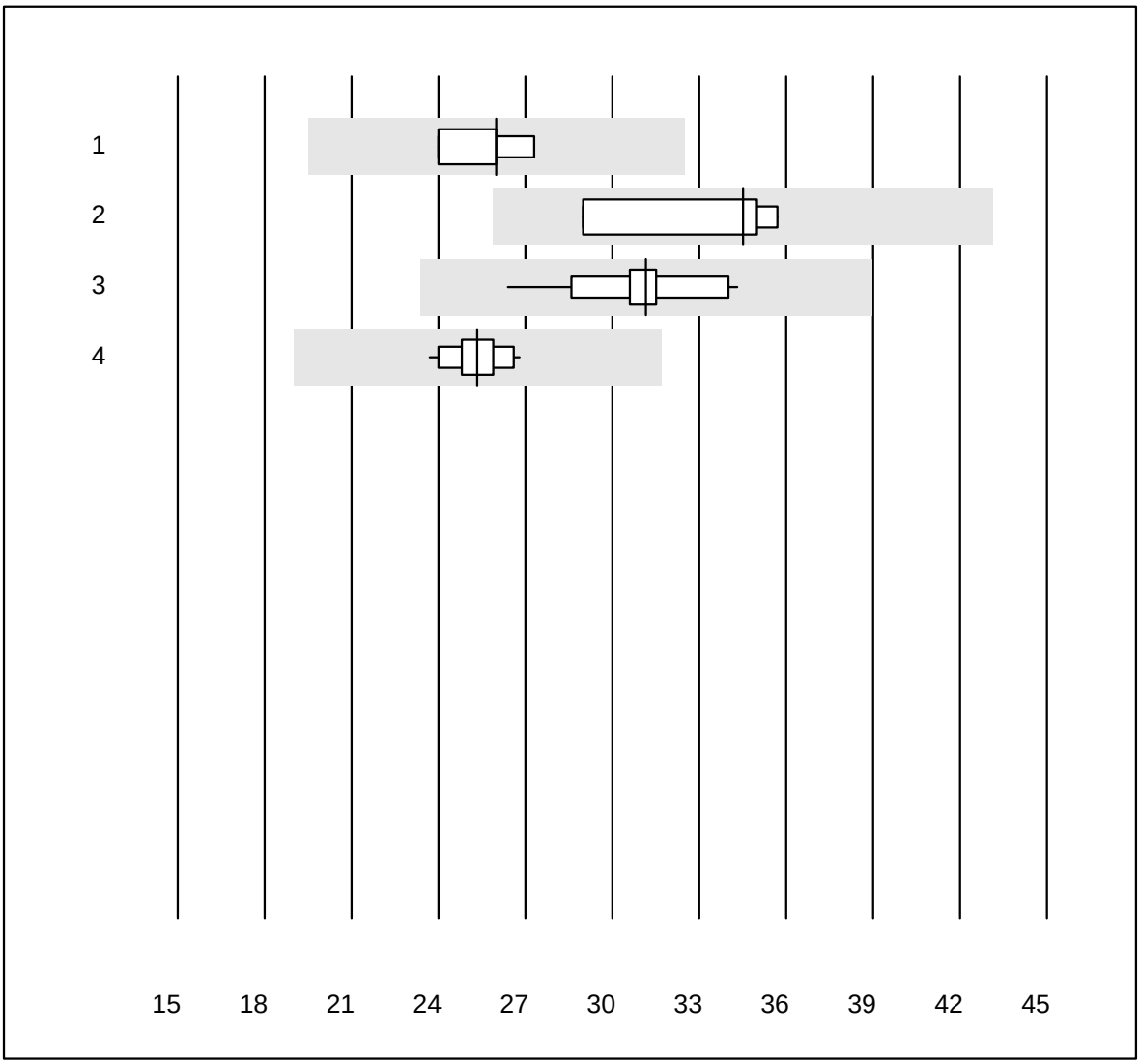
Fibrinogen N



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	8	100.0	0.0	0.0	2.43	4.7	e
2	Stago/STA	12	100.0	0.0	0.0	2.59	6.3	e*
3	Fibrinogen Q.F.A.	11	100.0	0.0	0.0	2.52	8.3	e*
4	Fib Clauss (IL)	5	80.0	20.0	0.0	2.46	8.7	e*

aPTT N

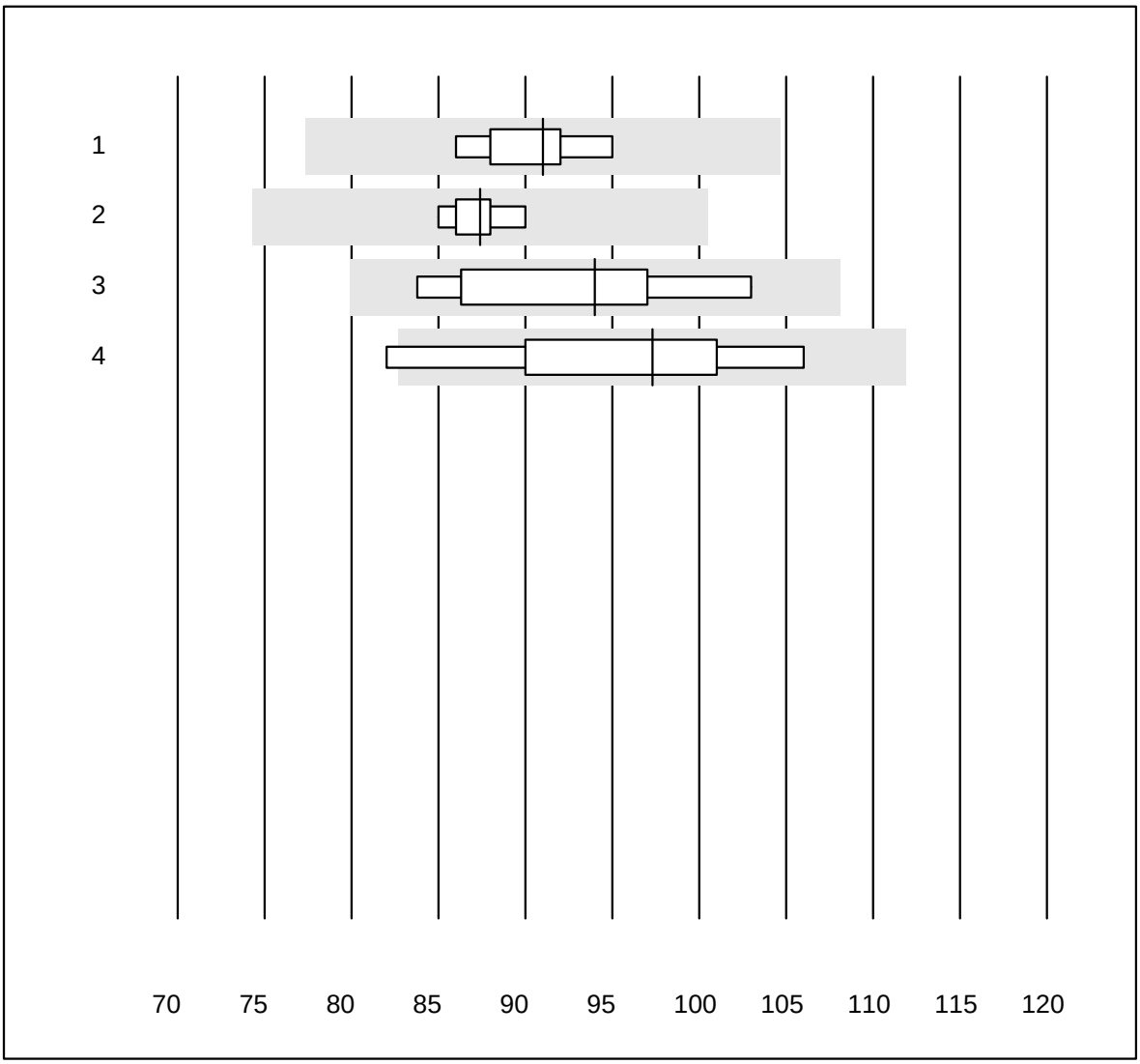


QUALAB tolerance : 25 %

aPTT N (Sek)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	5	80.0	0.0	20.0	26.0	6.0	e
2	Other methods	4	100.0	0.0	0.0	34.5	9.1	e*
3	Stago/STA	12	100.0	0.0	0.0	31.2	6.9	e
4	aPTT-SP	17	100.0	0.0	0.0	25.3	3.5	e

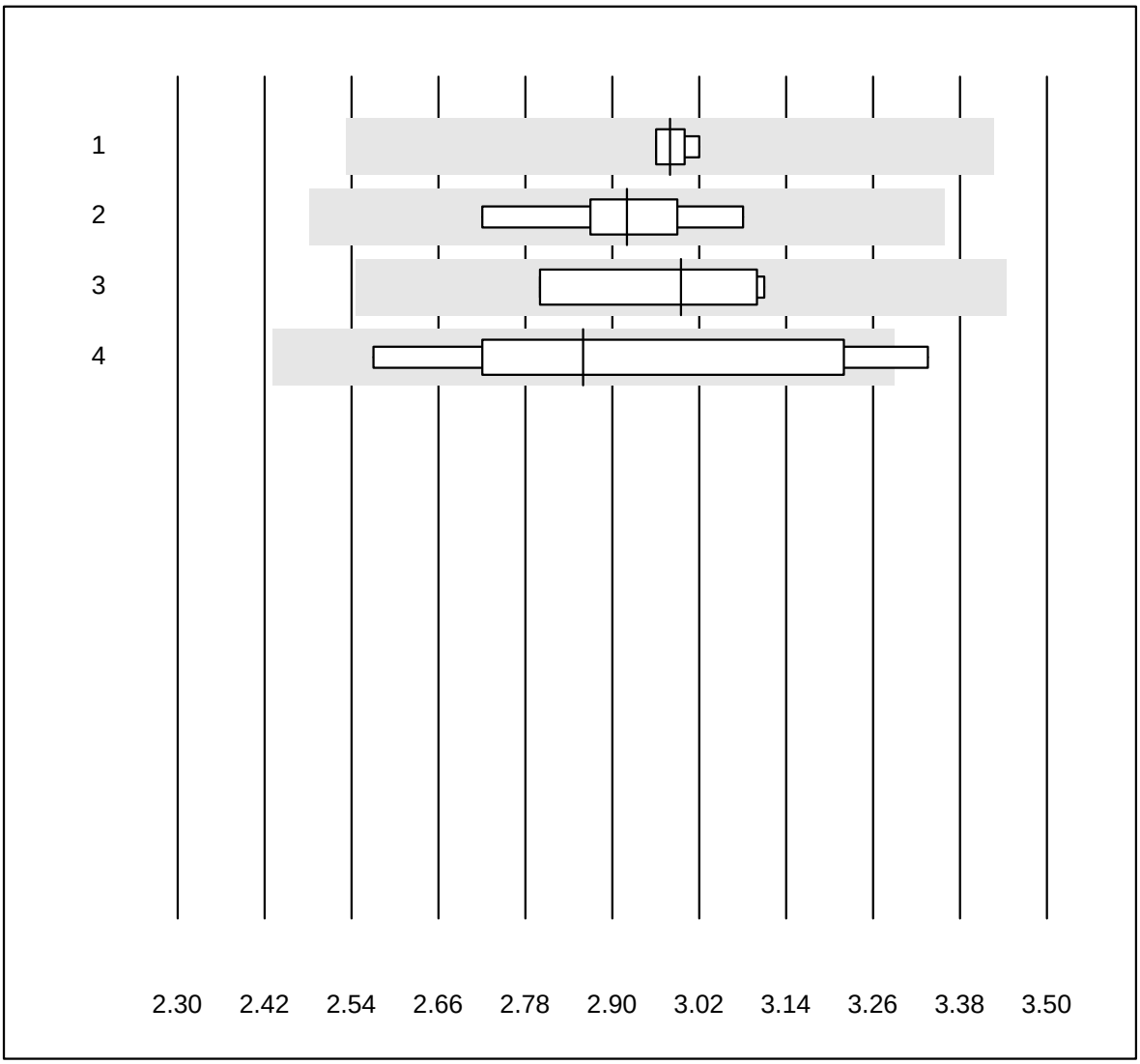
Prothrombin time HT



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	7	100.0	0.0	0.0	91	3.2	e
2	Innovin	5	100.0	0.0	0.0	87	2.2	e
3	all Participants	8	100.0	0.0	0.0	94	7.6	e*
4	Recombiplastin 2G	9	88.9	11.1	0.0	97	8.6	e*

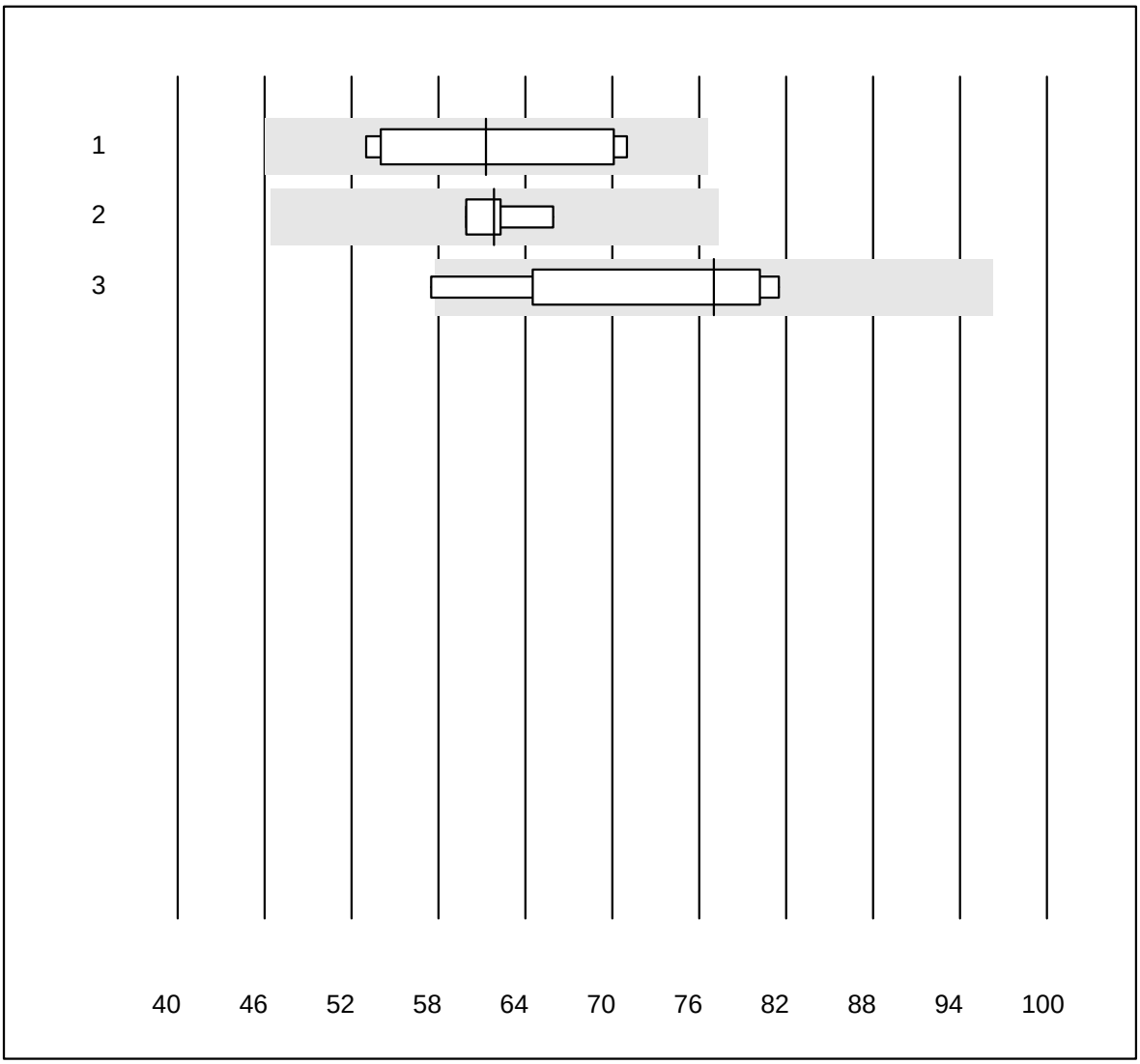
Fibrinogen H



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	4	100.0	0.0	0.0	2.98	1.0	e
2	Stago/STA	9	100.0	0.0	0.0	2.92	3.9	e
3	Fibrinogen Q.F.A.	4	100.0	0.0	0.0	3.00	5.2	e*
4	Fib Clauss (IL)	7	85.7	14.3	0.0	2.86	9.4	e*

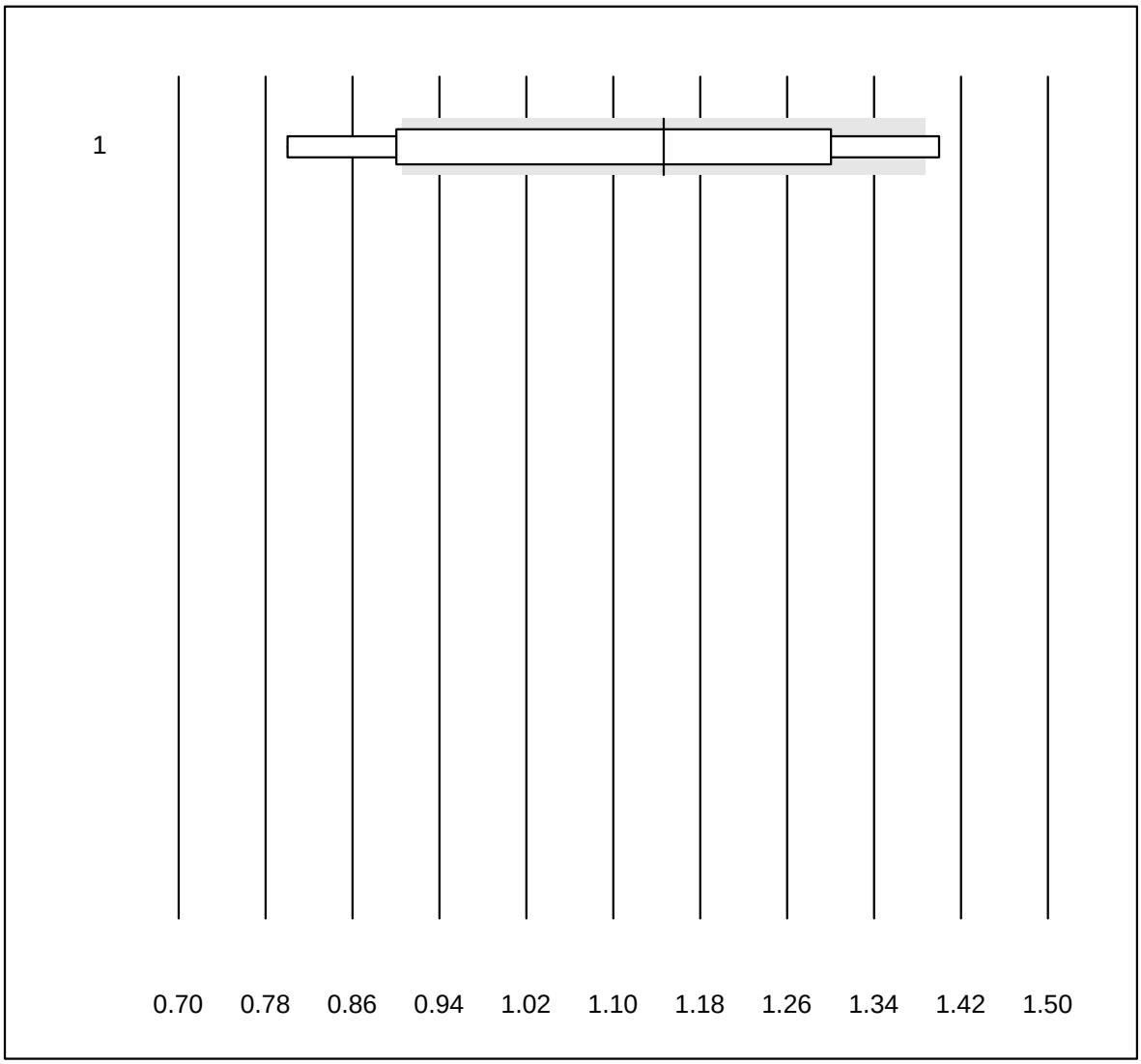
aPTT H



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	7	100.0	0.0	0.0	61.3	11.5	e*
2	Stago/STA	6	100.0	0.0	0.0	61.9	3.6	e
3	aPTT-SP	7	85.7	14.3	0.0	77.0	12.1	e*

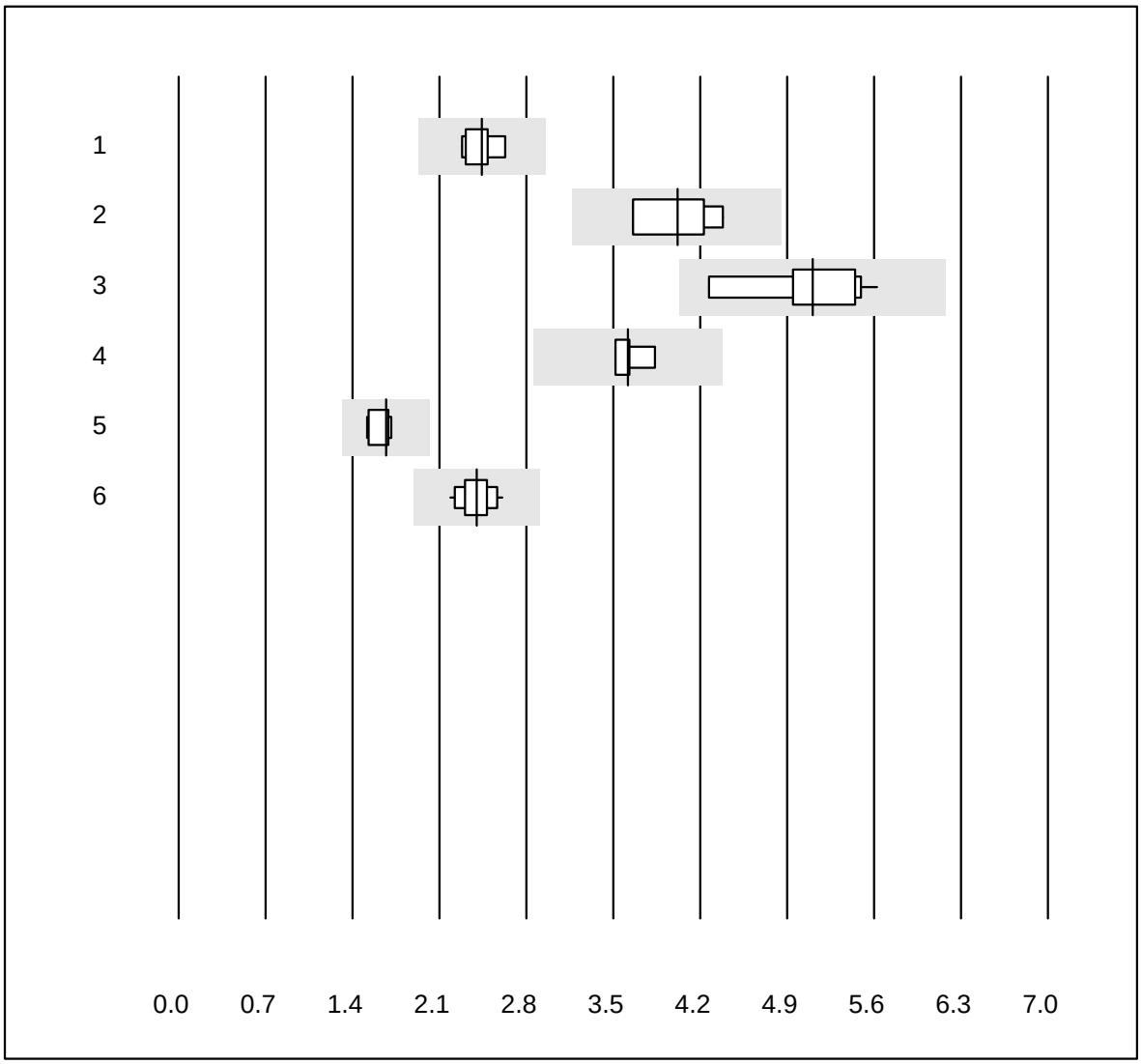
D-Dimer NC



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	NycoCard	17	41.2	41.2	17.6	1.15	20.1	e*

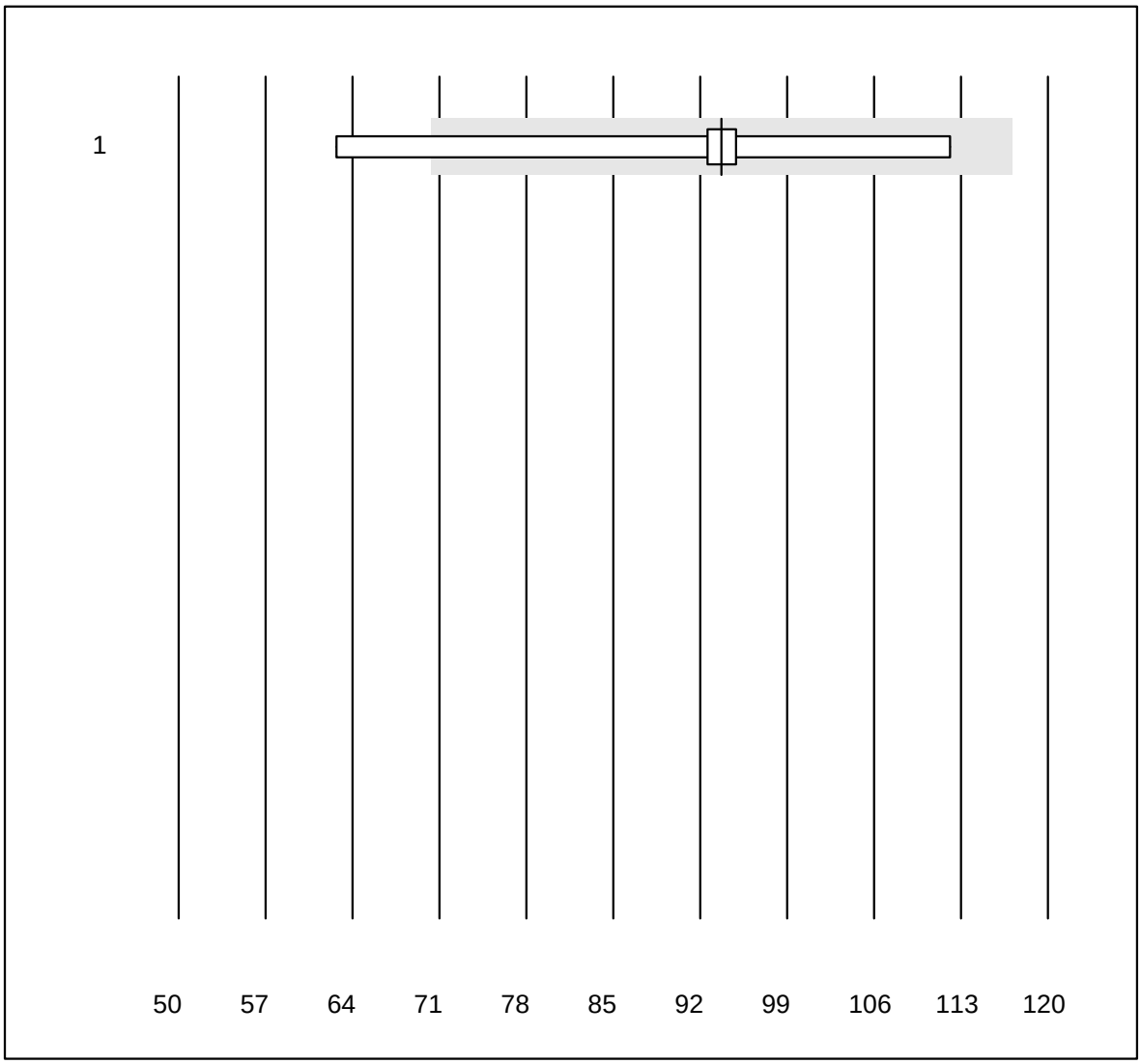
D-dimer



QUALAB tolerance : 21 %

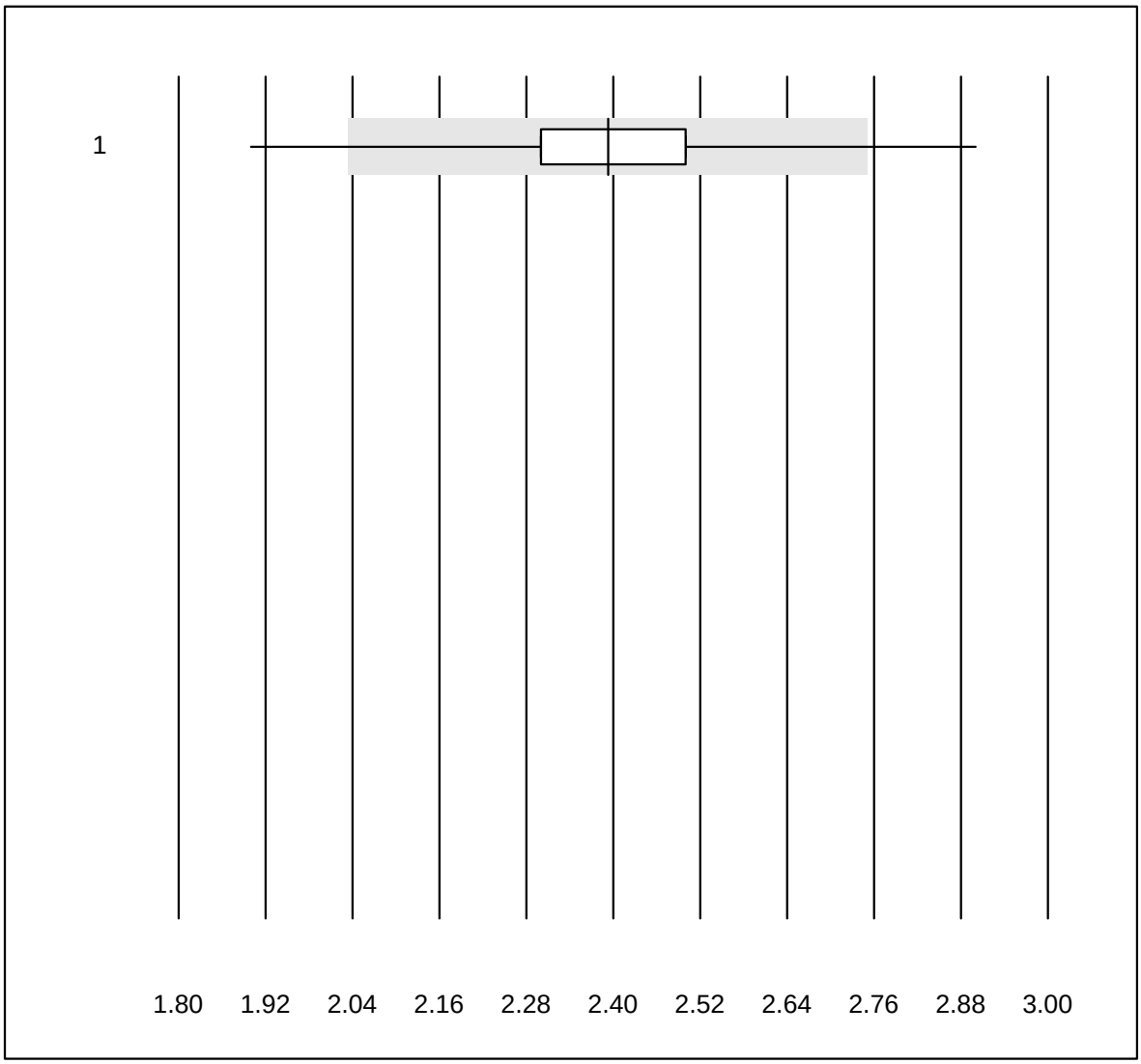
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	STA Liatest	9	100.0	0.0	0.0	2.44	5.5	e
2	Siemens Innovance	4	100.0	0.0	0.0	4.02	8.5	e*
3	Eurolyser	13	76.9	0.0	23.1	5.11	7.5	e
4	ACL	4	100.0	0.0	0.0	3.62	3.6	e
5	AQT 90 FLEX	7	100.0	0.0	0.0	1.67	4.8	e
6	VIDAS	17	100.0	0.0	0.0	2.40	5.1	e

CoaguChek APTT



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CoaguChek Pro II	9	88.9	11.1	0.0	93.7	13.8	e*

INR CCXS

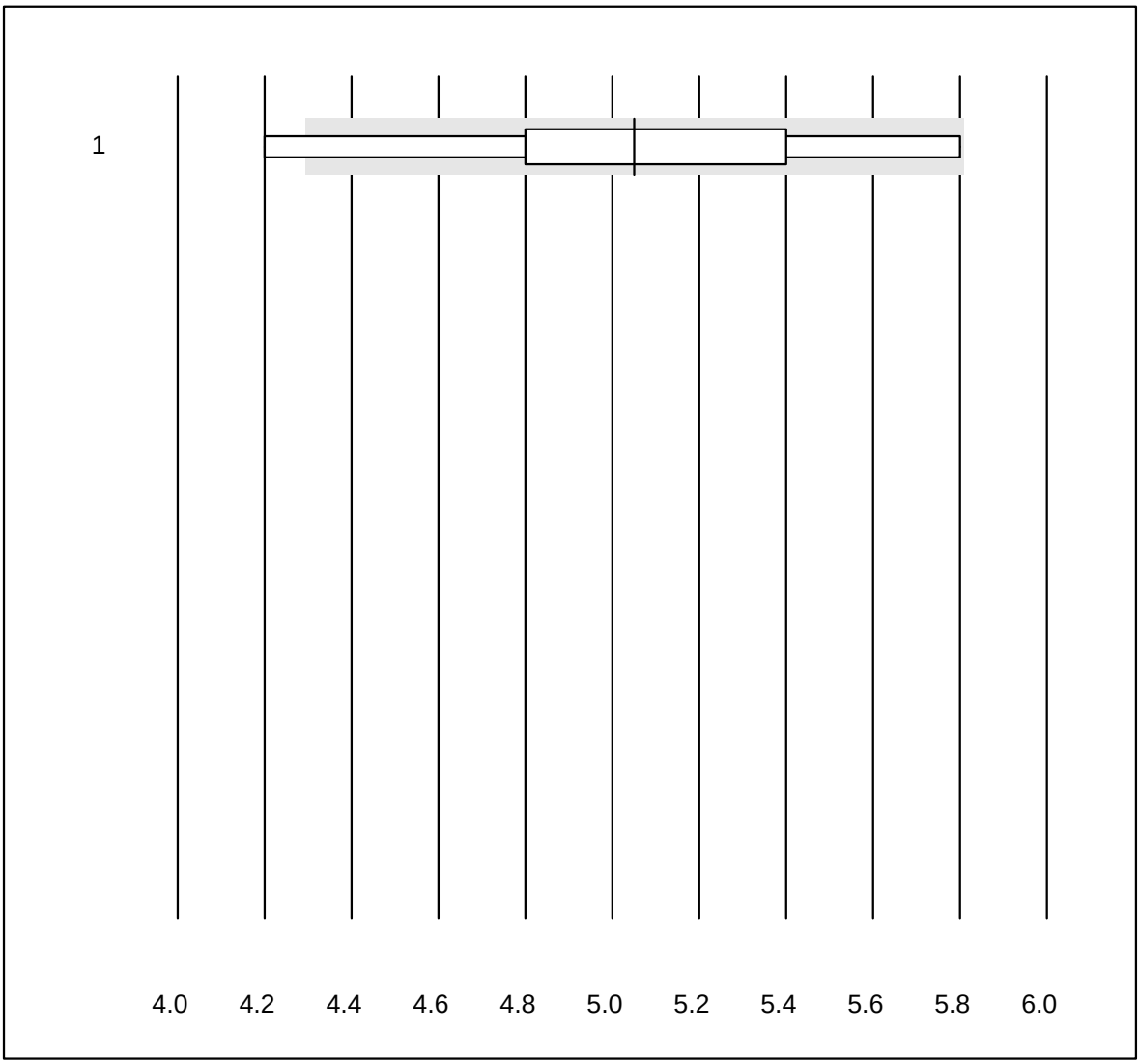


QUALAB tolerance : 15 %

INR CCXS ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CoaguChek XS	2061	99.3	0.5	0.2	2.4	4.4	e

INR HC

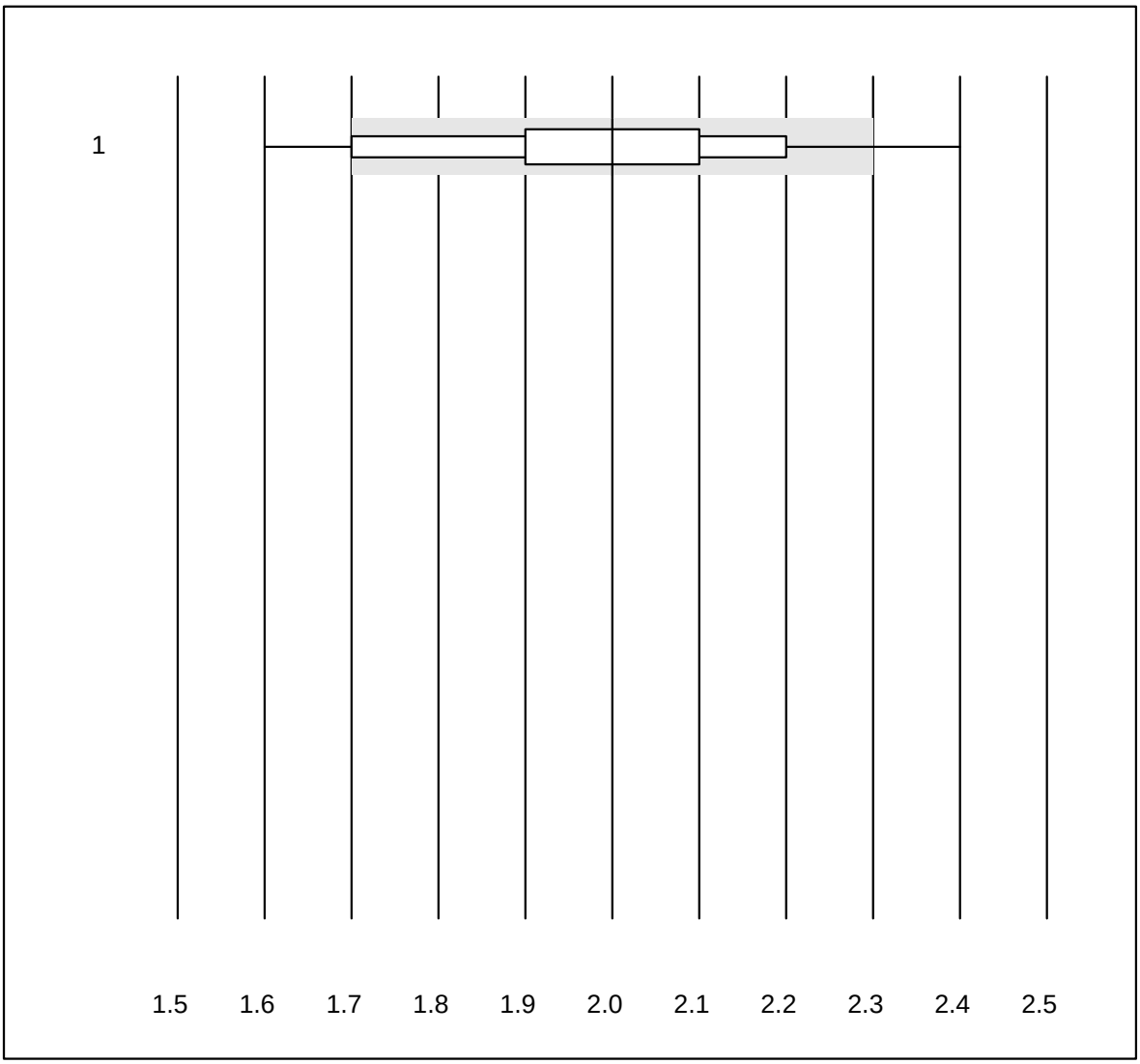


QUALAB tolerance : 15 %

INR HC ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Hemochron j.	10	70.0	10.0	20.0	5.1	9.6	e*

INR MI

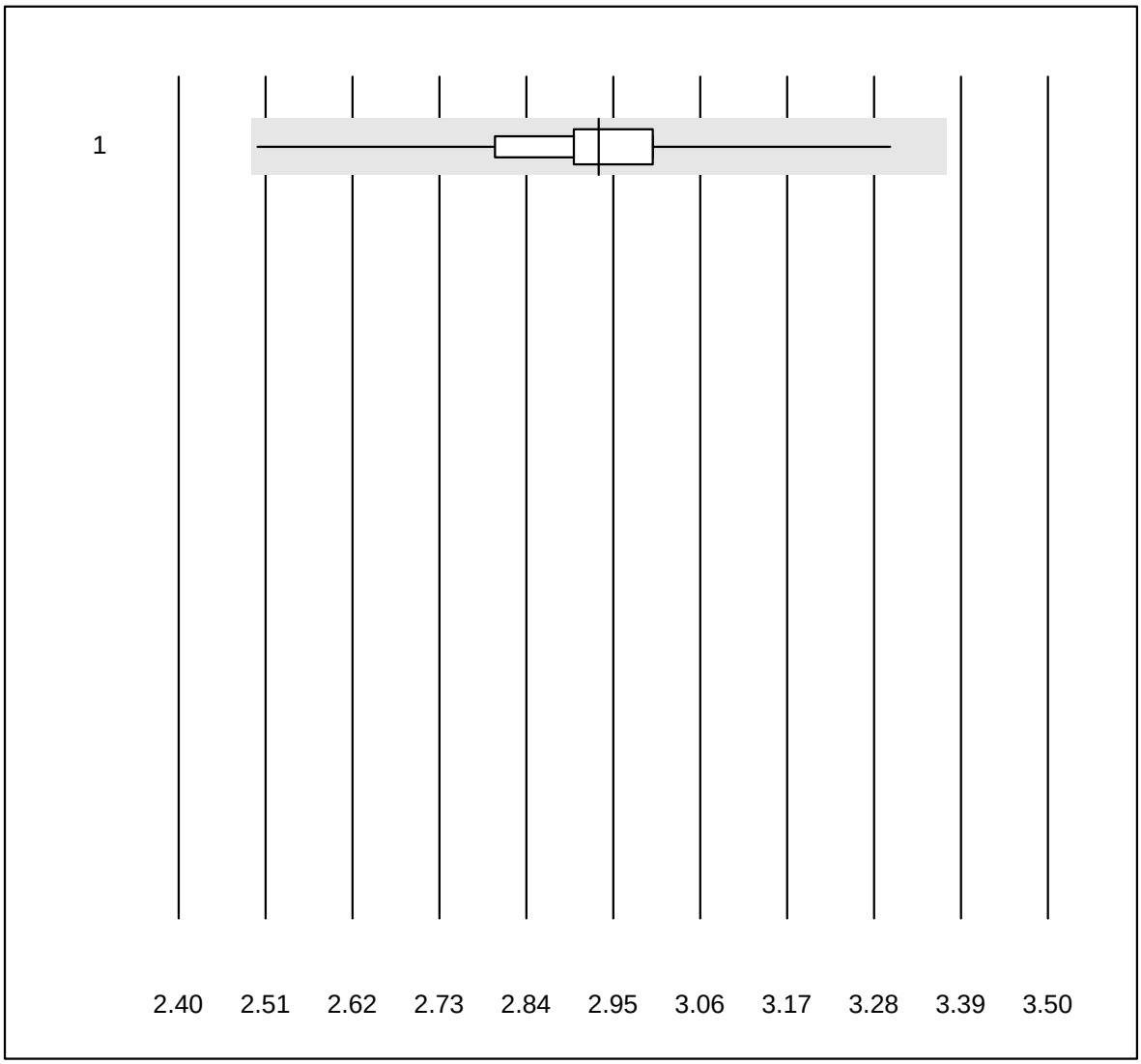


QUALAB tolerance : 15 %

INR MI ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	MicroINR	107	73.9	16.8	9.3	2.0	8.6	e

INR Xprecia

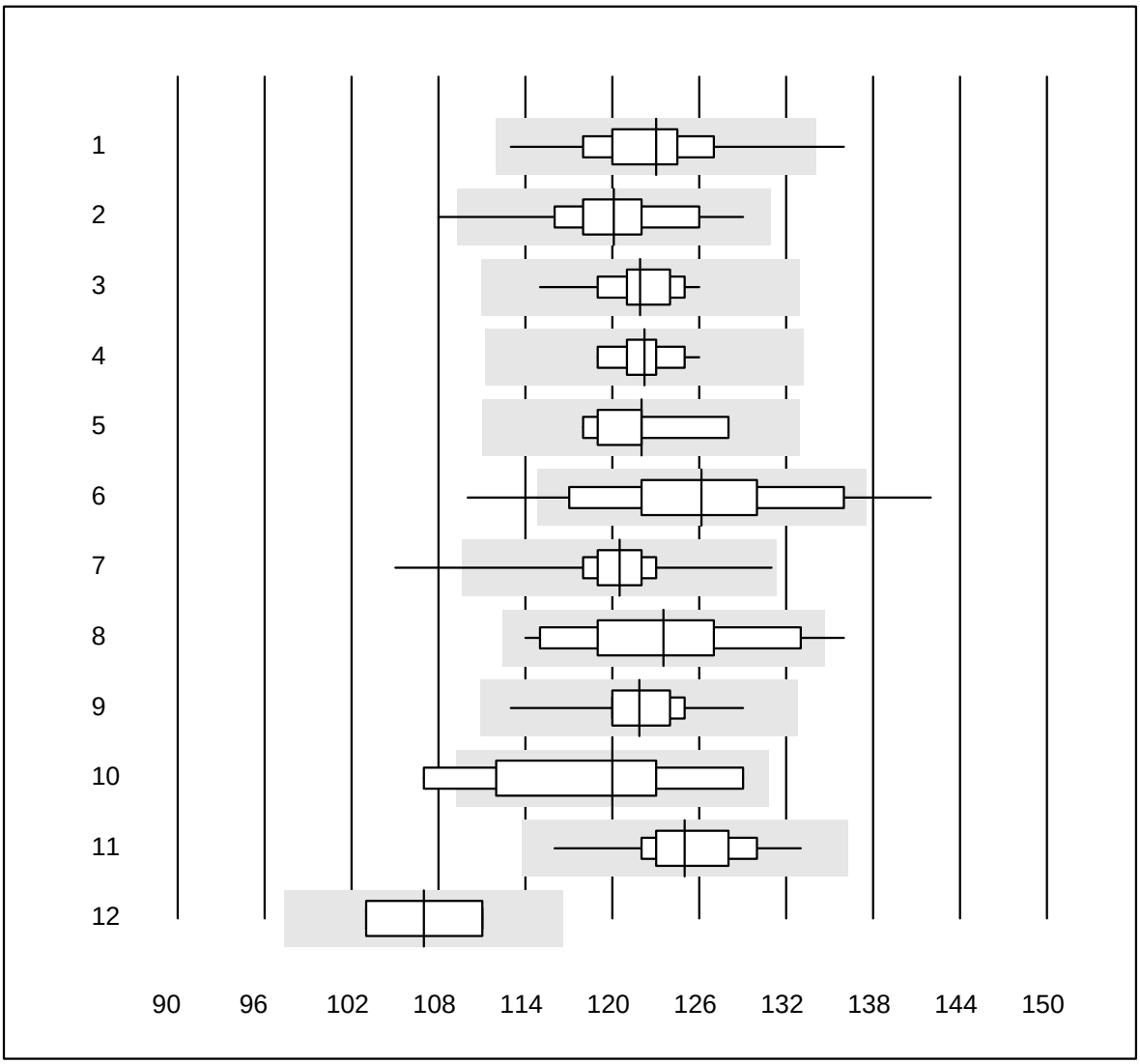


QUALAB tolerance : 15 %

INR Xprecia ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Xprecia	57	100.0	0.0	0.0	2.9	4.3	e

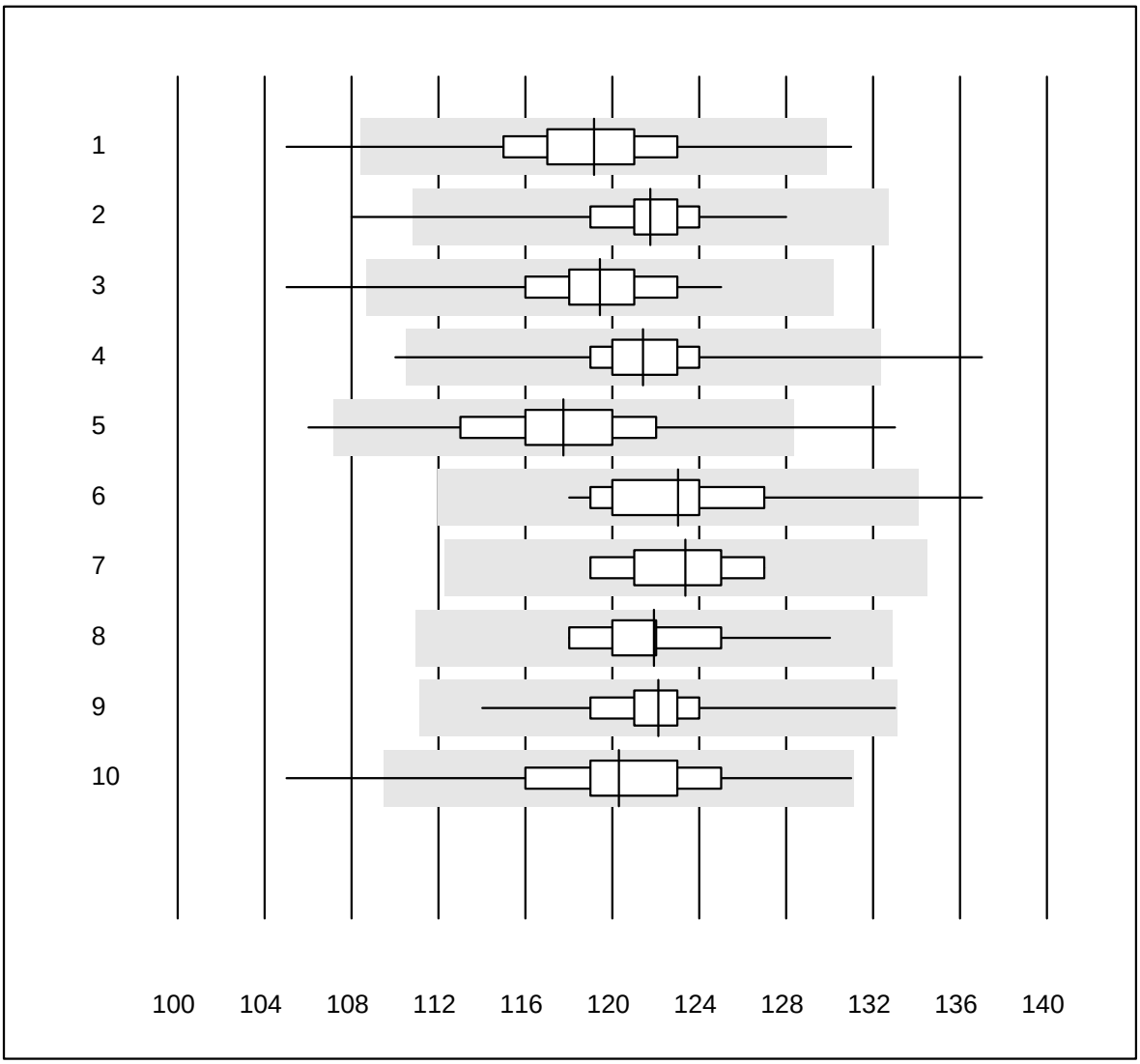
Hemoglobin



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	29	89.7	3.4	6.9	123.0	3.8	e
2	Cyanmethemoglobin	36	97.2	2.8	0.0	120.1	3.3	e
3	Sysmex X	38	100.0	0.0	0.0	121.9	1.8	e
4	Advia 120	10	100.0	0.0	0.0	122.2	1.8	e
5	ABX Pentra	9	100.0	0.0	0.0	122.0	2.5	e
6	Reflotron	51	80.4	11.8	7.8	126.2	5.7	e
7	Hemocue	366	96.4	1.4	2.2	120.5	2.6	e
8	Dr. Lange	14	85.8	7.1	7.1	123.5	5.4	e*
9	Hemocontrol	14	100.0	0.0	0.0	121.9	3.0	e
10	Eurolyser	6	83.3	16.7	0.0	120.0	6.7	e*
11	DiaSpect	12	100.0	0.0	0.0	125.0	3.6	e
12	MS4	4	50.0	0.0	50.0	107.0	5.3	e*

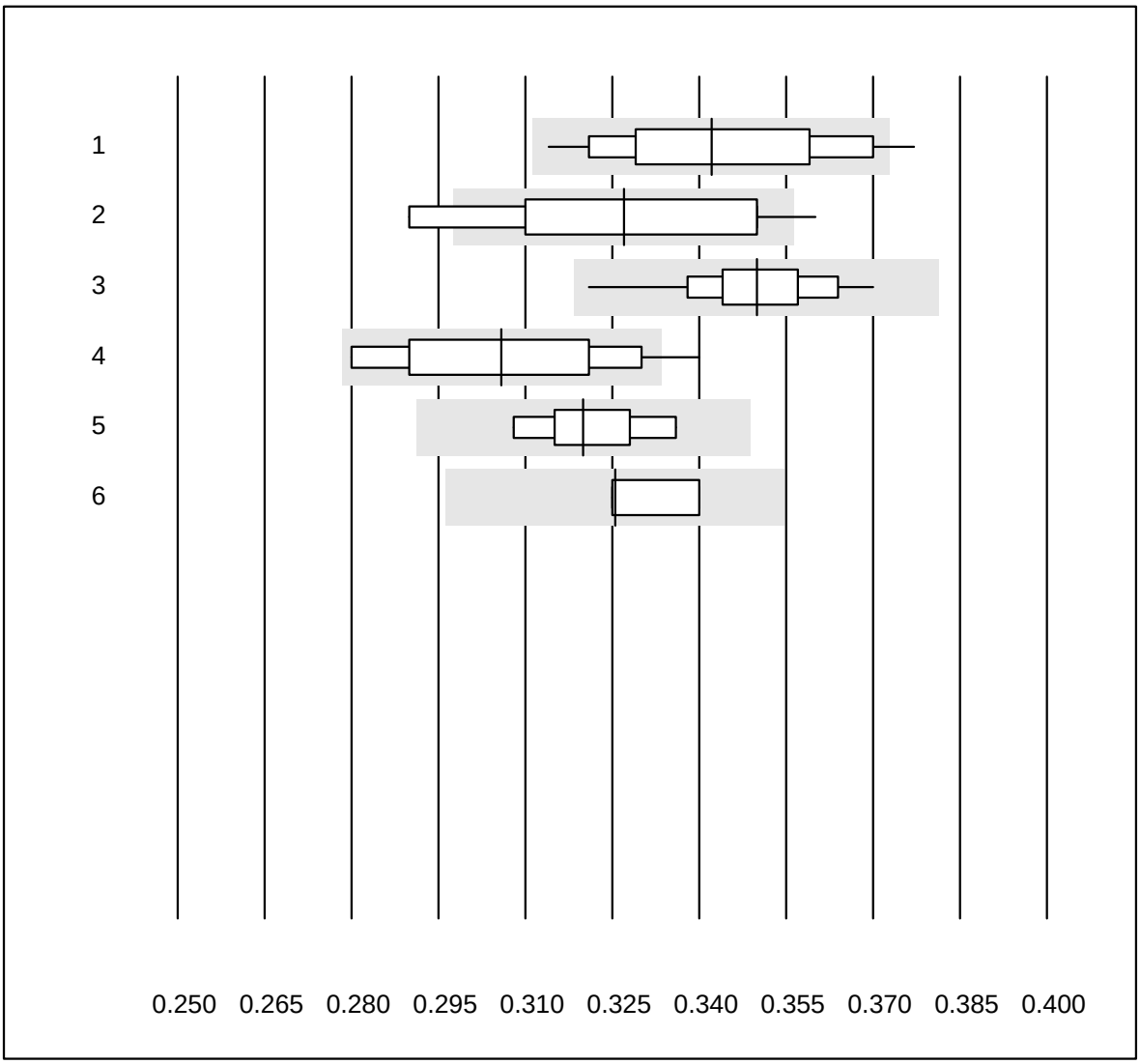
Hemoglobin



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Micros 60	242	95.4	2.1	2.5	119.2	2.9	e
2	Sysmex KX21	309	95.8	0.6	3.6	121.8	2.0	e
3	Sysmex PocH - 100i	198	92.9	1.5	5.6	119.4	2.5	e
4	Sysmex XP 300	439	98.2	0.7	1.1	121.4	2.1	e
5	Mythic	268	93.7	0.7	5.6	117.7	3.1	e
6	Swelab	48	93.7	2.1	4.2	123.0	2.9	e
7	Abacus Junior	10	80.0	0.0	20.0	123.4	2.2	e
8	Medonic	10	100.0	0.0	0.0	121.9	2.8	e
9	Celltac Alpha (Nihon	75	97.3	0.0	2.7	122.1	2.1	e
10	Samsung HC10	42	90.5	2.4	7.1	120.3	3.6	e

Hematocrit

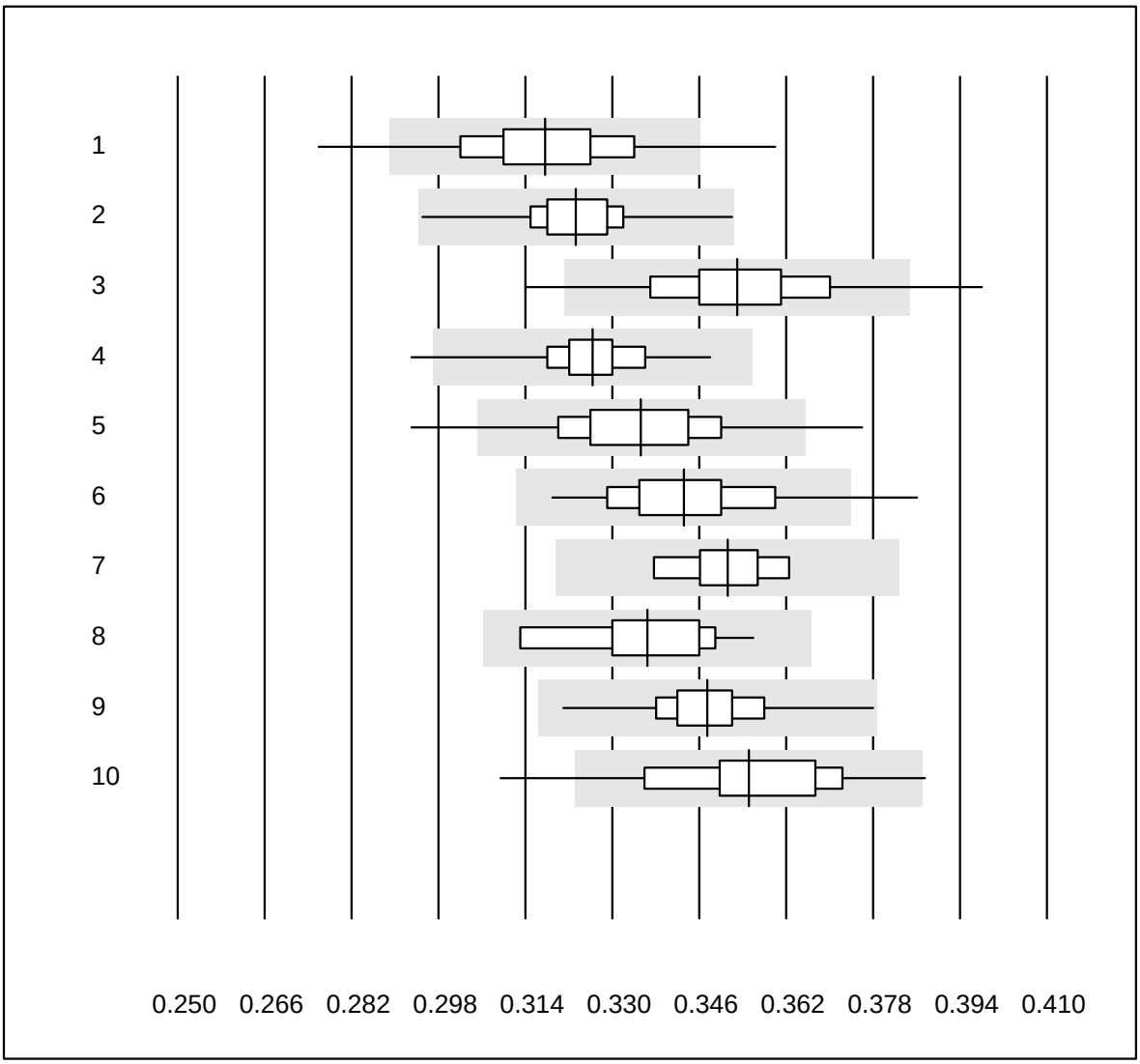


QUALAB tolerance : 9 %

Hematocrit (l/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	25	88.0	4.0	8.0	0.34	5.3	e
2	Centrifuge	10	80.0	20.0	0.0	0.33	7.1	e*
3	Sysmex X	38	100.0	0.0	0.0	0.35	2.9	e
4	Advia 120	10	90.0	10.0	0.0	0.31	6.5	e*
5	ABX Pentra	9	100.0	0.0	0.0	0.32	3.0	e
6	MS4	4	75.0	0.0	25.0	0.33	2.5	e*

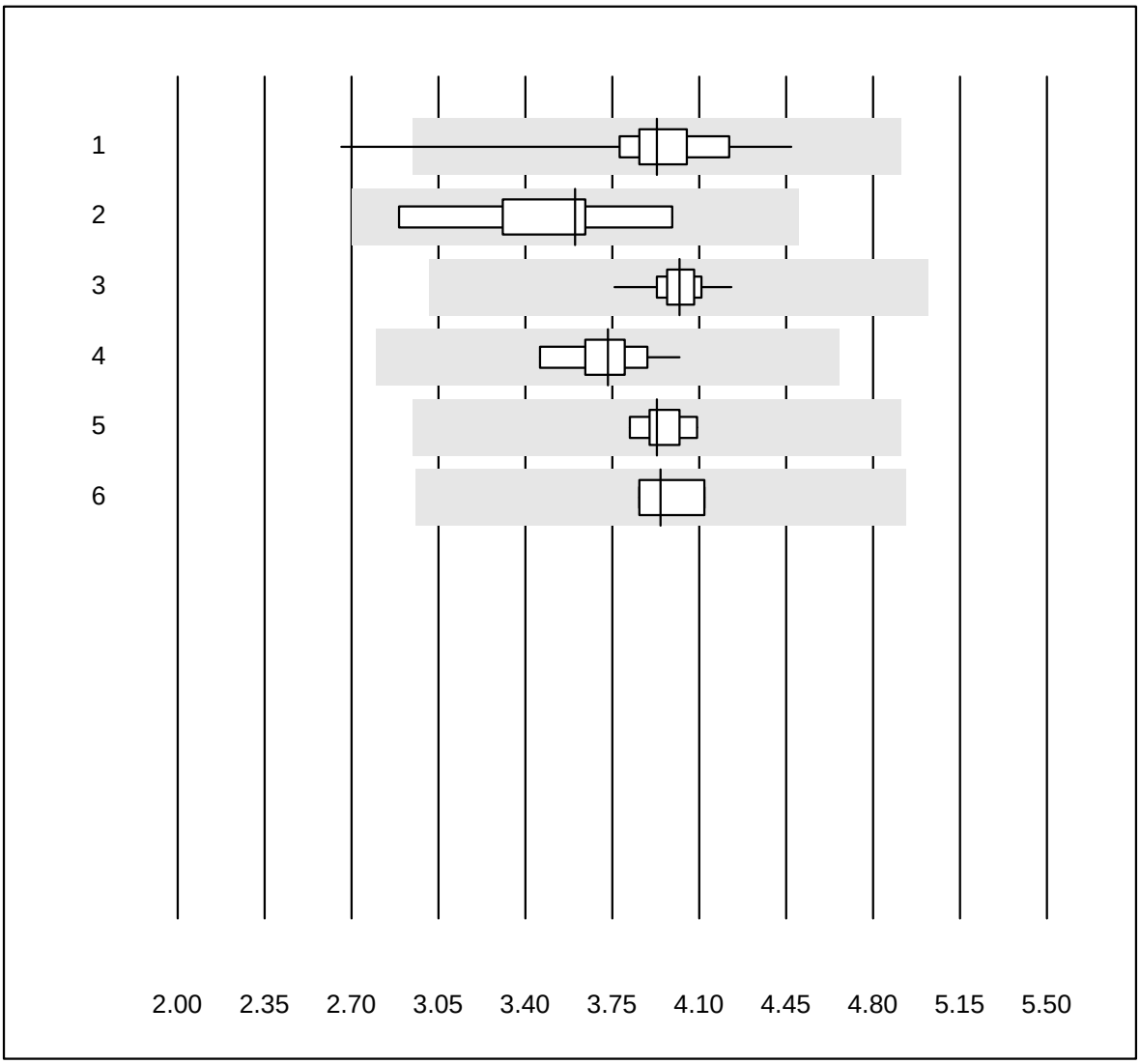
Hematocrit



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Micros 60	241	92.5	4.6	2.9	0.32	4.0	e
2	Sysmex KX21	309	97.7	0.0	2.3	0.32	2.5	e
3	Sysmex PocH - 100i	198	91.4	1.5	7.1	0.35	3.7	e
4	Sysmex XP 300	441	98.9	0.2	0.9	0.33	2.2	e
5	Mythic	268	91.8	2.6	5.6	0.34	4.0	e
6	Swelab	48	91.6	4.2	4.2	0.34	3.9	e
7	Abacus Junior	10	80.0	0.0	20.0	0.35	2.2	e
8	Medonic	10	100.0	0.0	0.0	0.34	3.7	e*
9	Celltac Alpha (Nihon	75	97.3	0.0	2.7	0.35	2.4	e
10	Samsung HC10	43	88.3	7.0	4.7	0.36	4.7	e

Erythrocytes

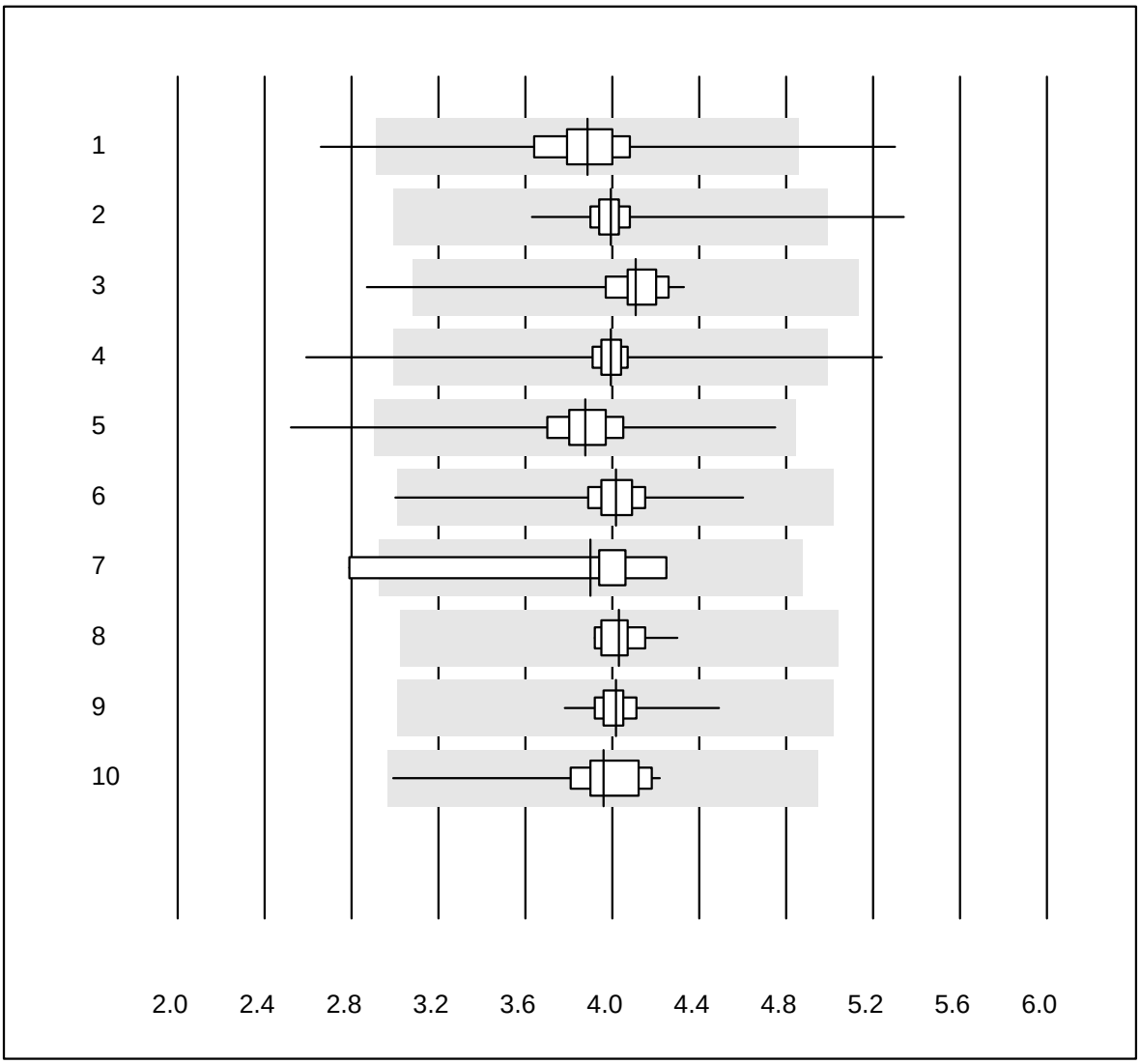


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	24	95.8	4.2	0.0	3.93	8.2	e
2	Microscopic	5	100.0	0.0	0.0	3.60	11.8	e*
3	Sysmex X	38	100.0	0.0	0.0	4.02	2.2	e
4	Advia 120	10	100.0	0.0	0.0	3.73	4.5	e
5	ABX Pentra	9	100.0	0.0	0.0	3.93	2.4	e
6	MS4	4	75.0	0.0	25.0	3.95	3.3	e

Erythrocytes

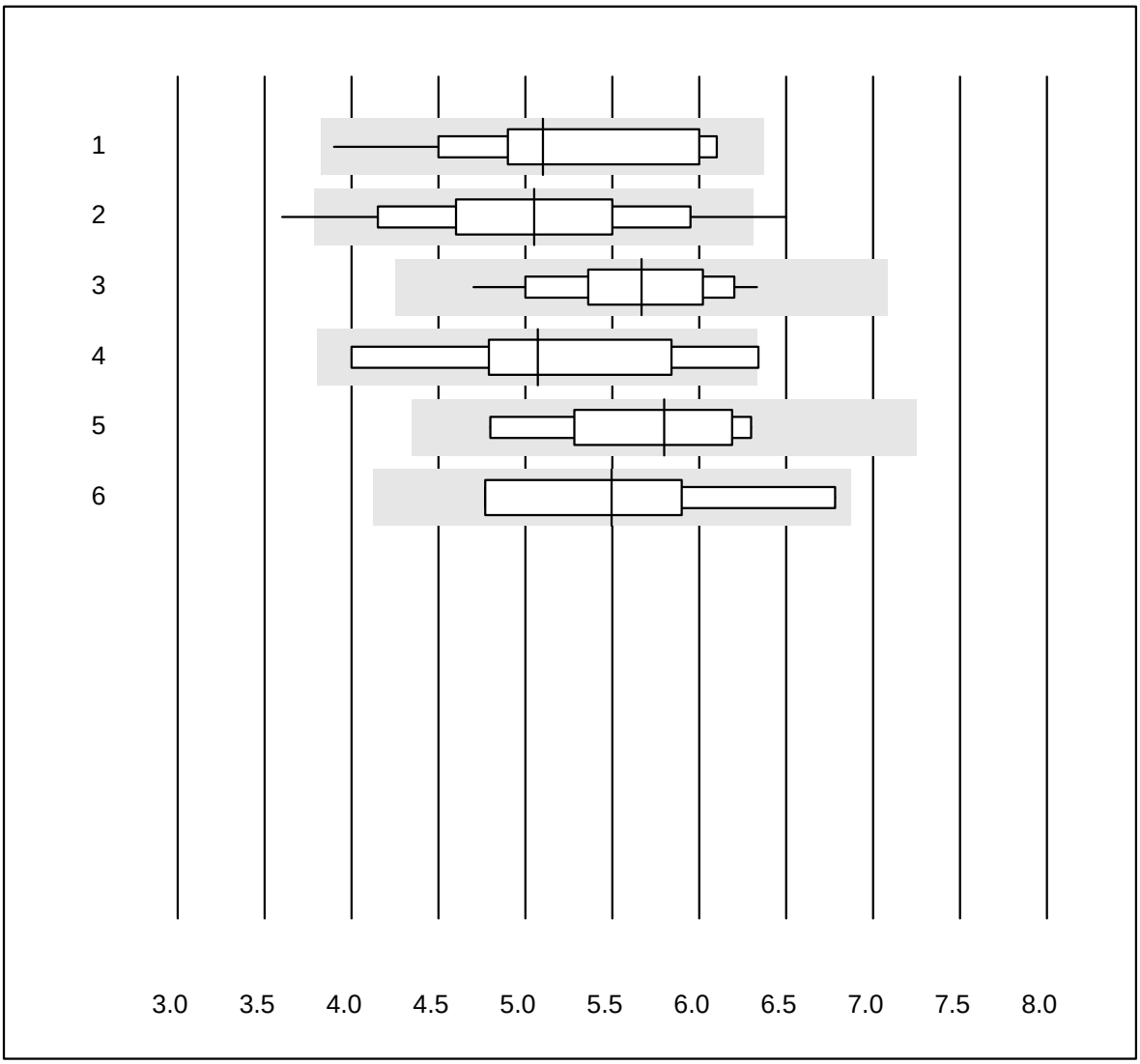


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Micros 60	241	98.8	1.2	0.0	3.88	6.3	e
2	Sysmex KX21	309	98.1	0.3	1.6	3.99	3.0	e
3	Sysmex PocH - 100i	198	95.5	1.5	3.0	4.11	4.8	e
4	Sysmex XP 300	441	99.3	0.5	0.2	3.99	2.9	e
5	Mythic	268	95.9	1.1	3.0	3.87	5.5	e
6	Swelab	48	95.8	2.1	2.1	4.02	5.0	e
7	Abacus Junior	10	80.0	10.0	10.0	3.90	11.0	e*
8	Medonic	10	100.0	0.0	0.0	4.03	3.0	e
9	Celltac Alpha (Nihon	75	97.3	0.0	2.7	4.02	2.4	e
10	Samsung HC10	43	97.7	0.0	2.3	3.96	5.9	e

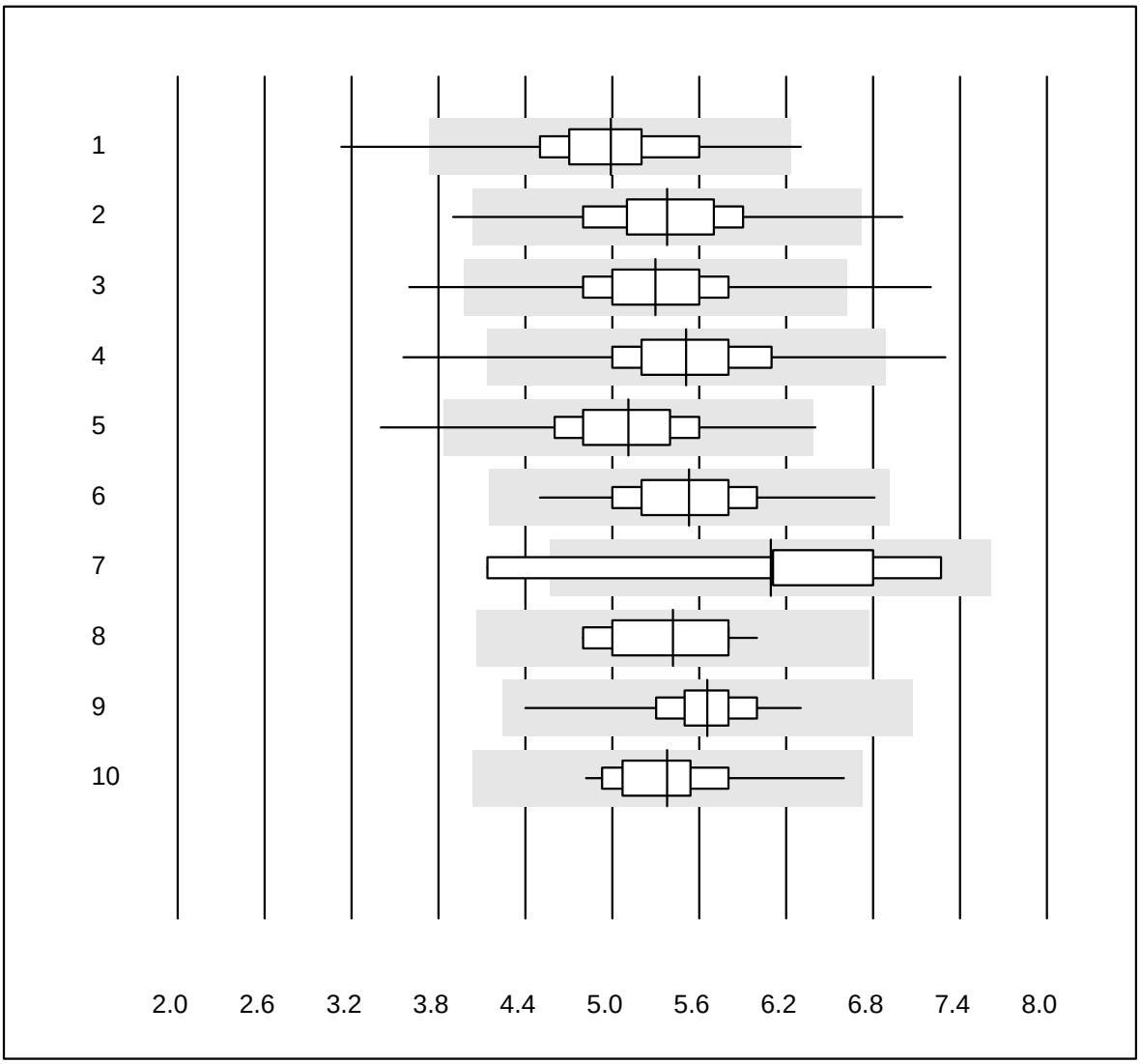
Leucocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	21	85.7	0.0	14.3	5.10	12.7	e
2	Microscopic	31	87.1	9.7	3.2	5.05	13.8	e
3	Sysmex X	38	100.0	0.0	0.0	5.67	7.4	e
4	Advia 120 (Perox)	9	88.9	11.1	0.0	5.07	15.0	e*
5	ABX Pentra	9	100.0	0.0	0.0	5.80	10.5	e*
6	MS4	4	100.0	0.0	0.0	5.50	16.0	e*

Leucocytes

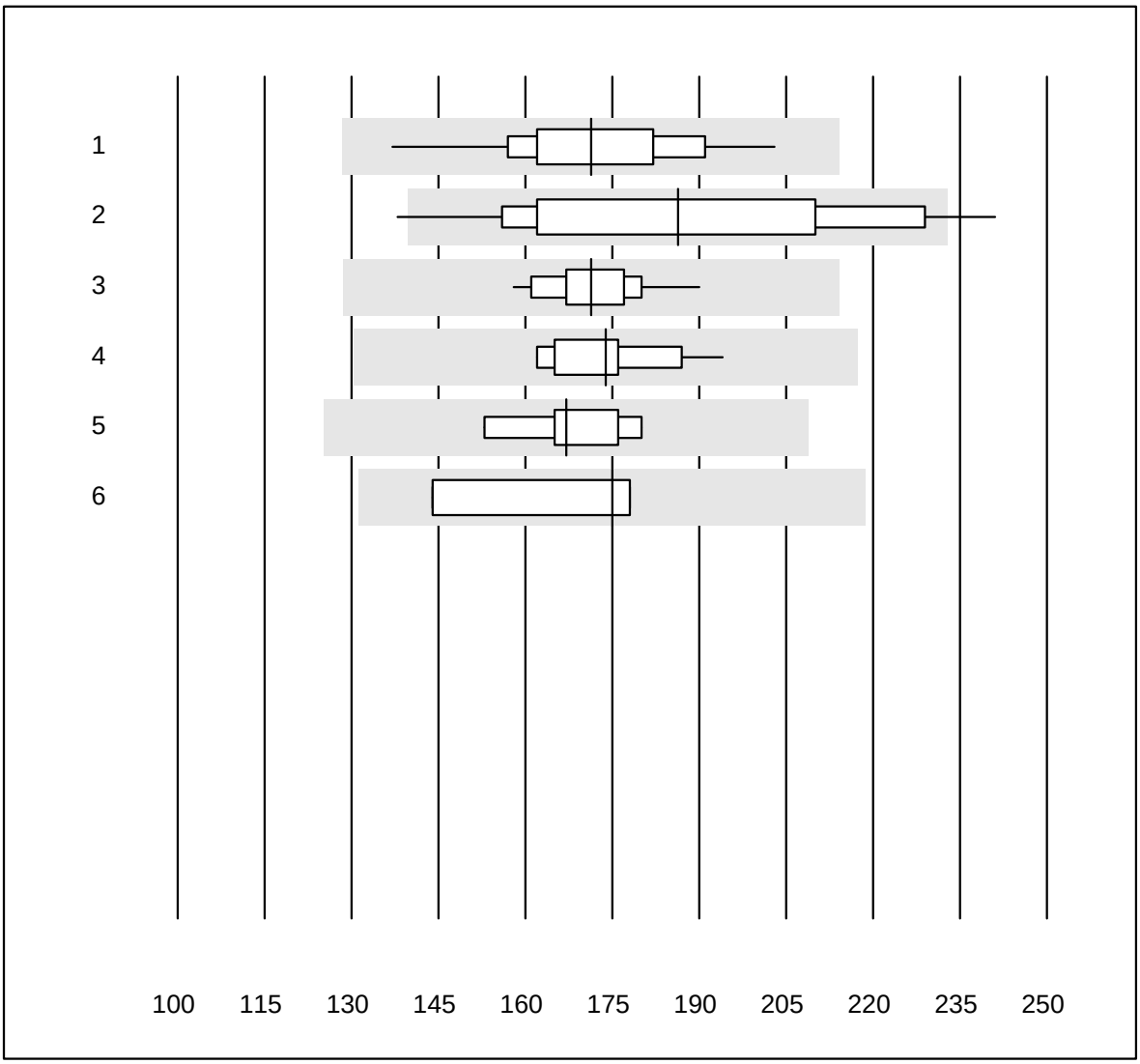


QUALAB tolerance : 25 %

Leucocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Micros 60	241	95.1	3.7	1.2	4.99	9.9	e
2	Sysmex KX21	309	98.7	1.3	0.0	5.38	8.4	e
3	Sysmex PocH - 100i	198	95.5	1.5	3.0	5.30	7.9	e
4	Sysmex XP 300	441	98.0	1.1	0.9	5.51	8.3	e
5	Mythic	267	95.9	2.6	1.5	5.11	9.7	e
6	Swelab	48	97.9	0.0	2.1	5.53	8.1	e
7	Abacus Junior	10	70.0	20.0	10.0	6.09	18.3	e*
8	Medonic	10	100.0	0.0	0.0	5.42	7.8	e
9	Celltac Alpha (Nihon	75	100.0	0.0	0.0	5.66	5.5	e
10	Samsung HC10	43	95.3	0.0	4.7	5.38	7.1	e

Thrombocytes

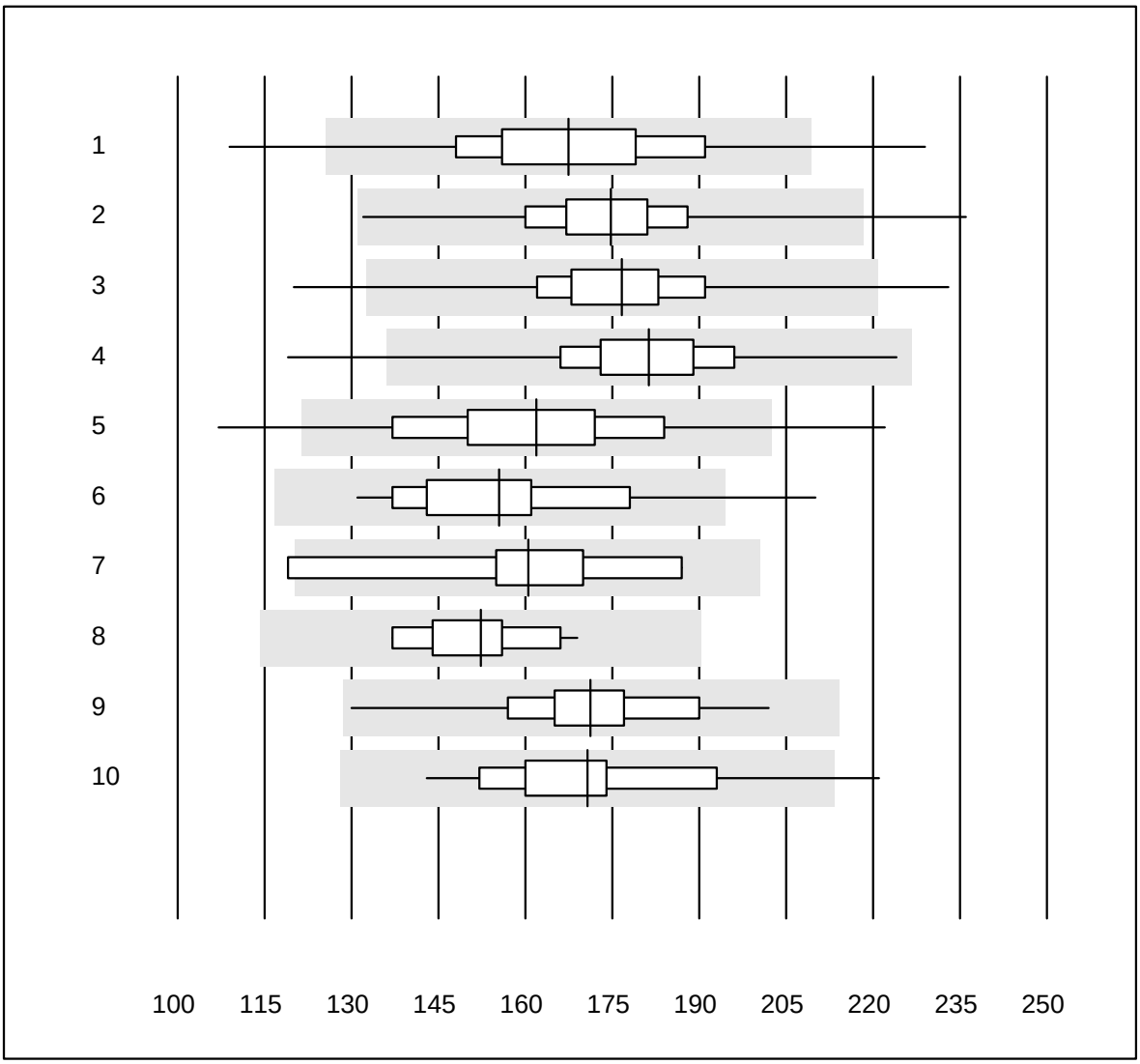


QUALAB tolerance : 25 %

Thrombocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	19	89.5	0.0	10.5	171.4	9.2	e
2	Microscopic	22	86.4	9.1	4.5	186.3	16.0	e*
3	Sysmex X	38	97.4	0.0	2.6	171.4	4.3	e
4	Advia 120	10	100.0	0.0	0.0	173.9	5.9	e
5	ABX Pentra	9	100.0	0.0	0.0	167.0	5.1	e
6	MS4	4	75.0	0.0	25.0	175.0	11.0	e*

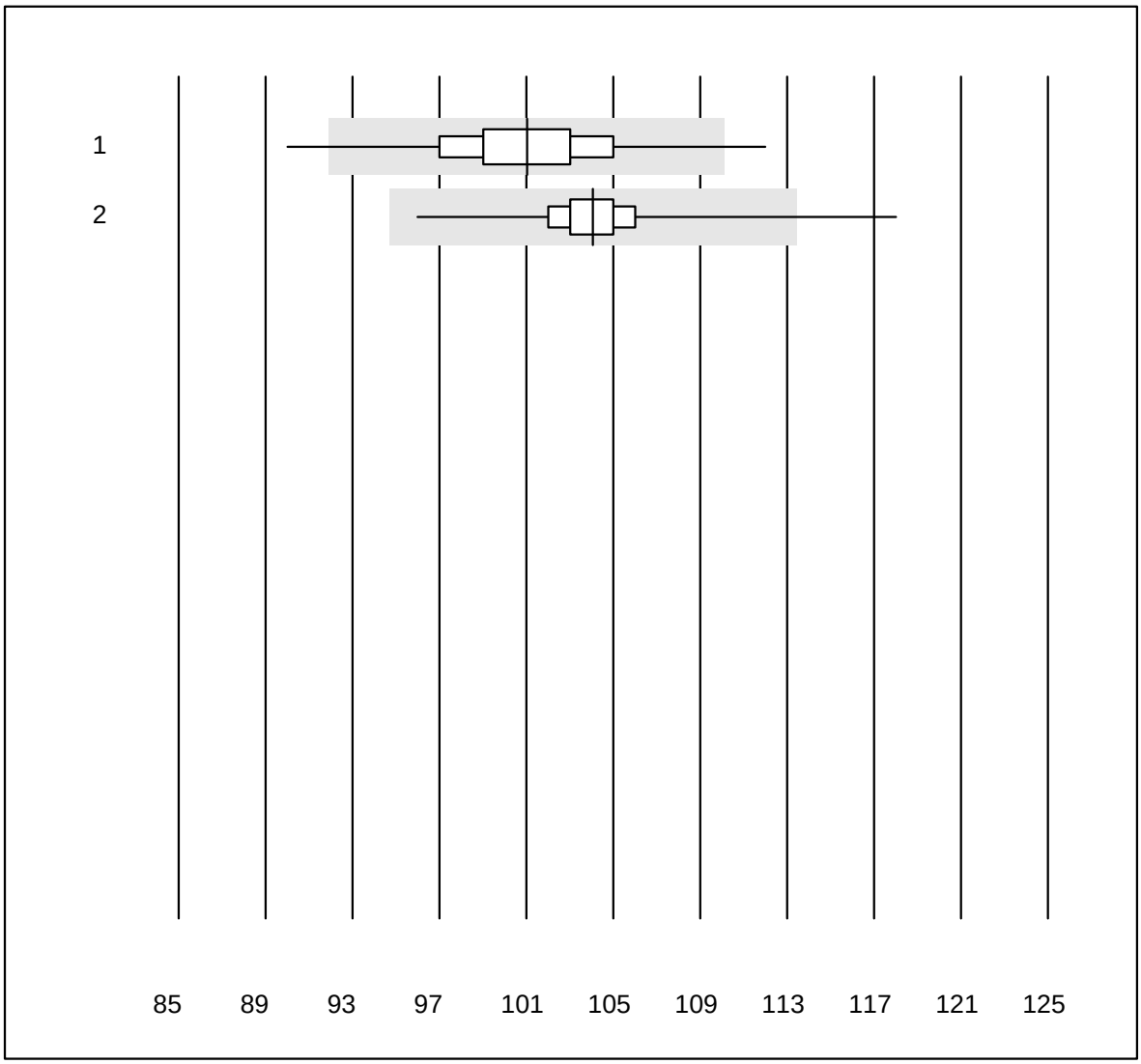
Thrombocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Micros 60	241	91.7	5.0	3.3	167.5	11.9	e
2	Sysmex KX21	309	99.4	0.6	0.0	174.7	7.2	e
3	Sysmex PocH - 100i	198	96.5	1.0	2.5	176.6	7.2	e
4	Sysmex XP 300	441	98.8	0.7	0.5	181.4	6.7	e
5	Mythic	268	92.5	3.4	4.1	161.9	11.4	e
6	Swelab	48	91.6	6.3	2.1	155.5	10.7	e
7	Abacus Junior	10	80.0	10.0	10.0	160.4	11.6	e*
8	Medonic	10	100.0	0.0	0.0	152.3	6.4	e
9	Celltac Alpha (Nihon	75	98.7	0.0	1.3	171.3	7.2	e
10	Samsung HC10	43	90.6	4.7	4.7	170.7	10.5	e

Hemoglobin H2

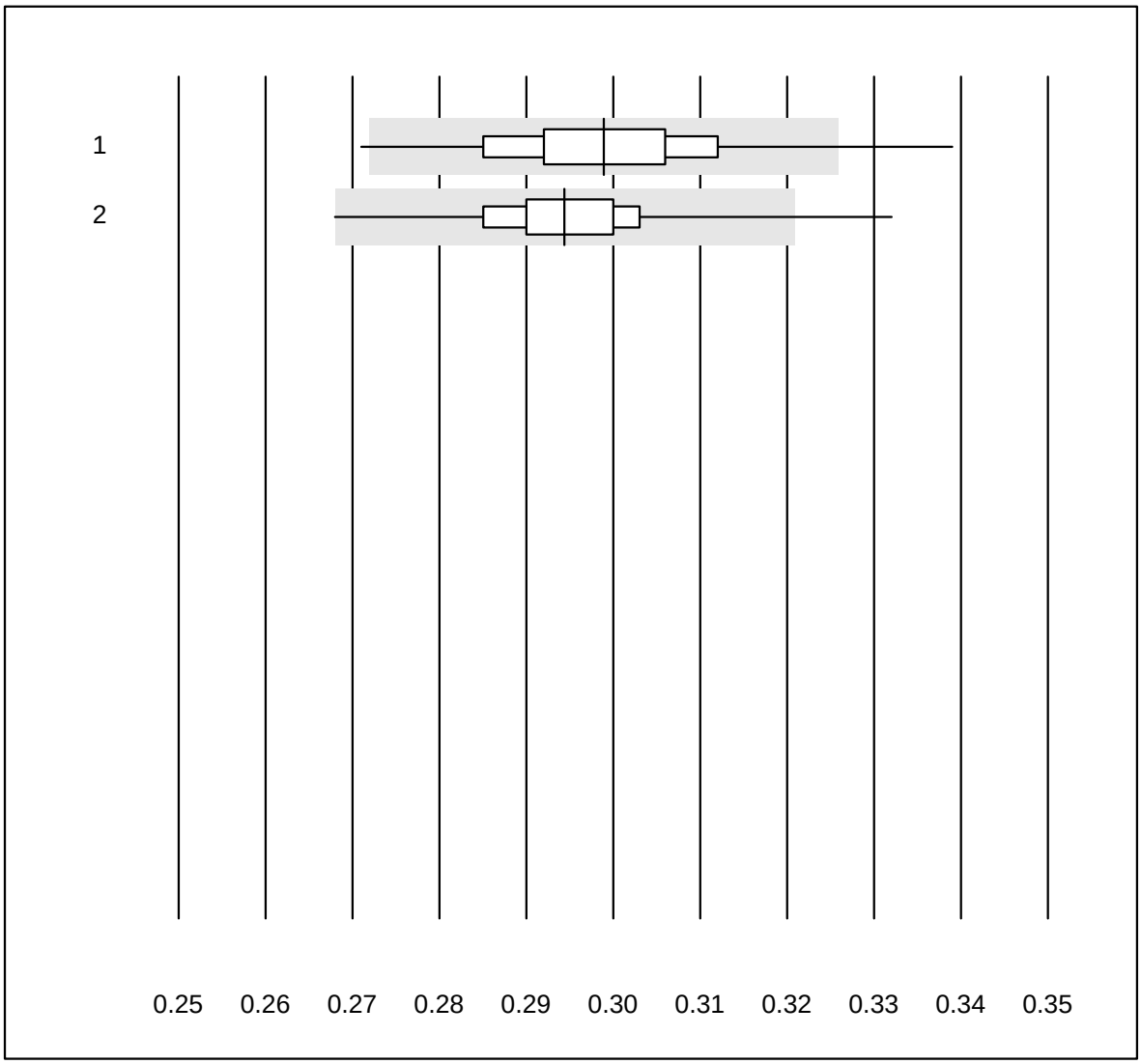


QUALAB tolerance : 9 %

Hemoglobin H2 (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	221	95.9	1.4	2.7	101.0	3.2	e
2	Microsemi	634	98.6	0.3	1.1	104.1	1.9	e

Hematocrit H2

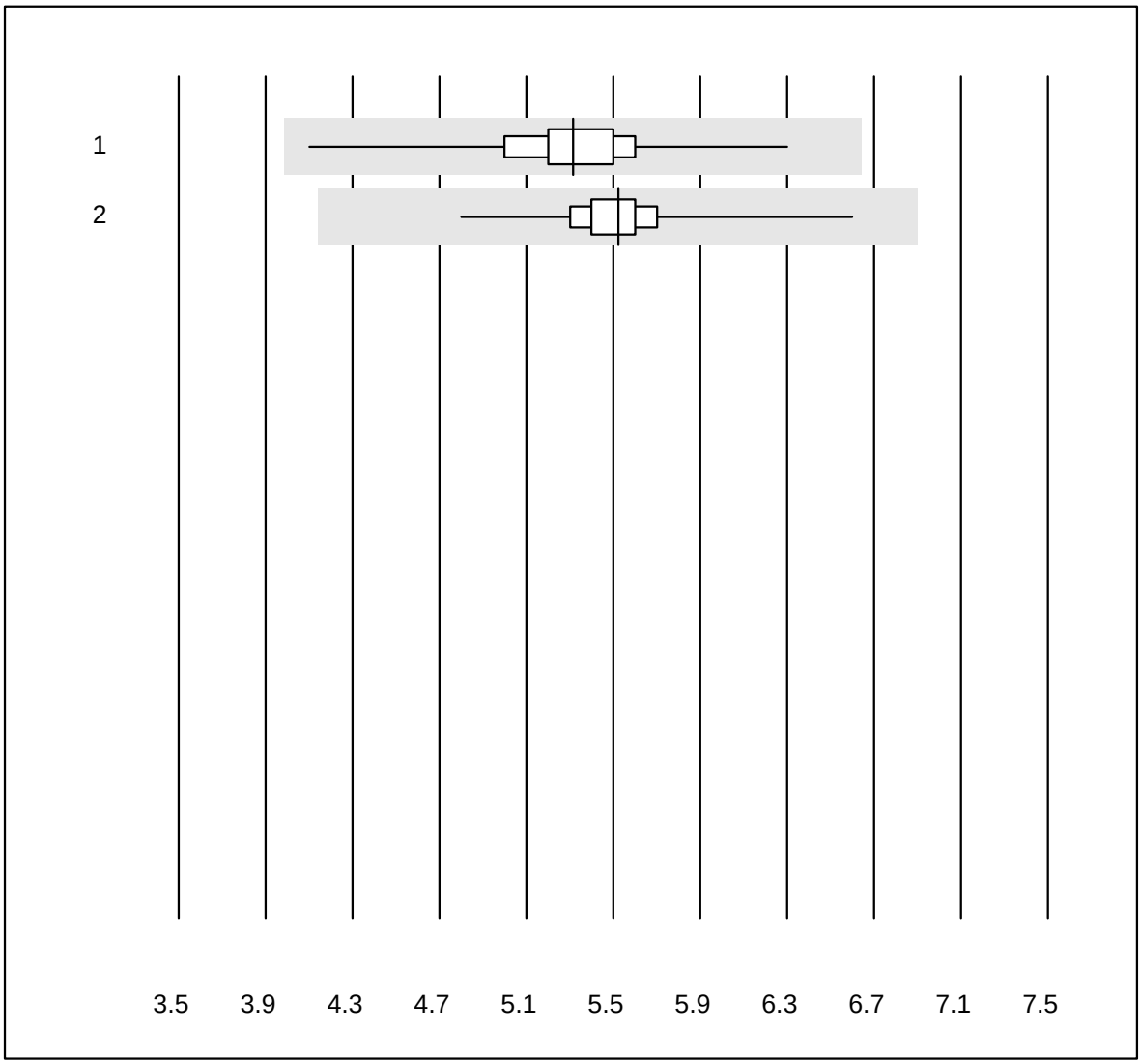


QUALAB tolerance : 9 %

Hematocrit H2 (l/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	220	95.9	1.4	2.7	0.30	3.6	e
2	Microsemi	633	98.4	0.3	1.3	0.29	2.6	e

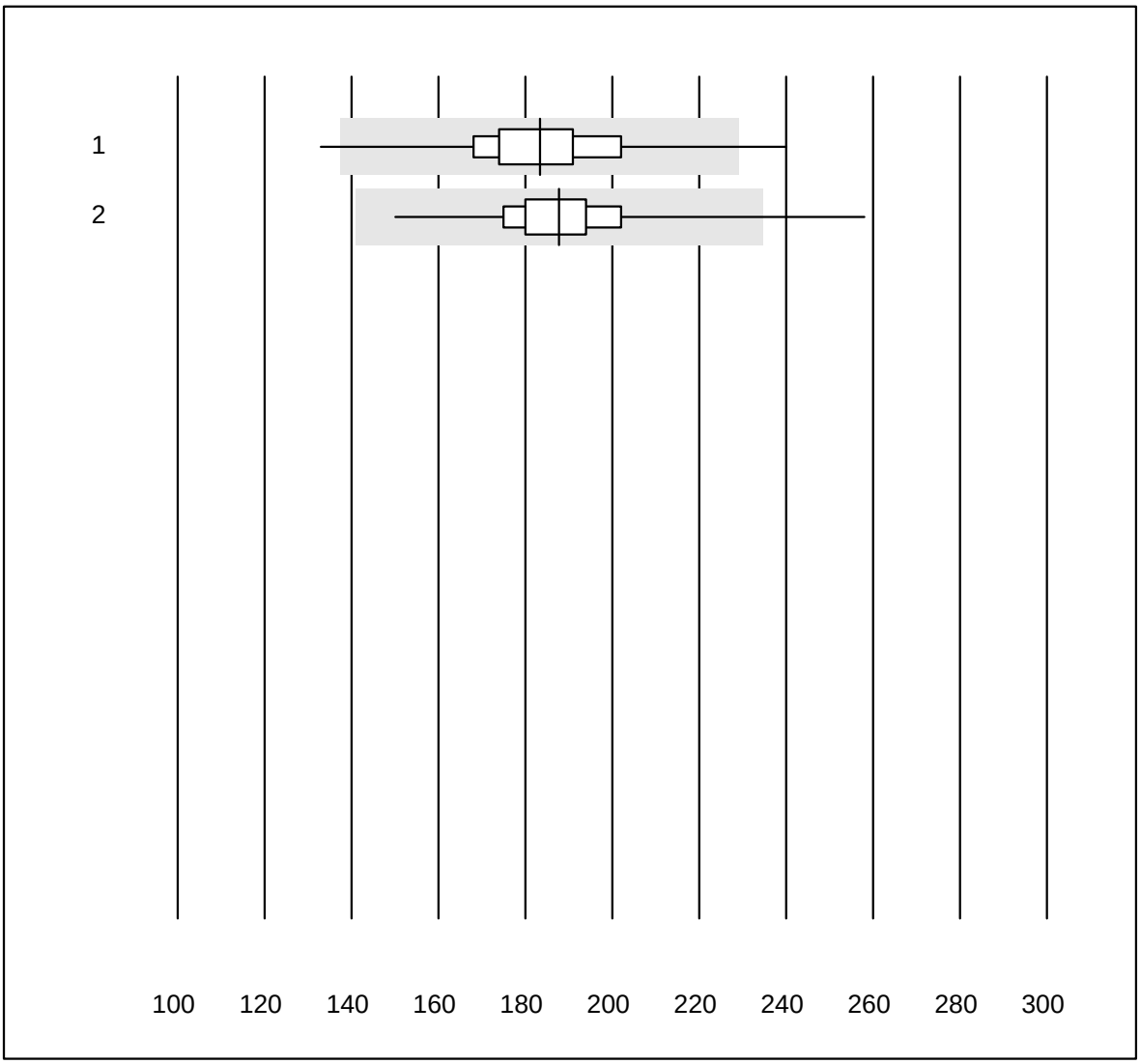
Leucocytes H2



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	221	99.5	0.0	0.5	5.31	5.0	e
2	Microsemi	634	99.7	0.0	0.3	5.52	3.2	e

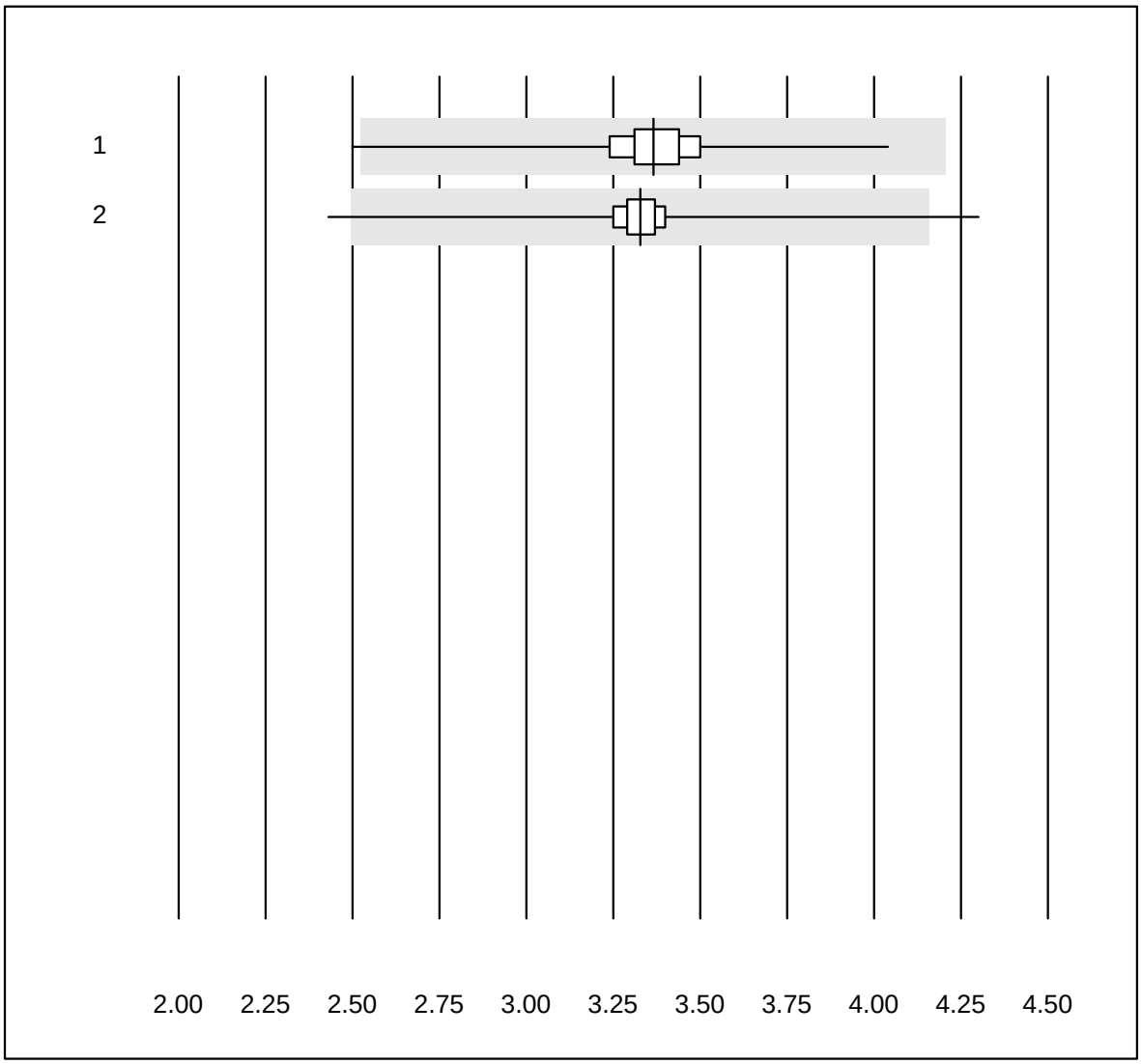
Thrombocytes H2



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	221	97.7	0.9	1.4	183.4	8.2	e
2	Microsemi	634	99.6	0.2	0.2	187.7	6.1	e

Erythrocytes H2

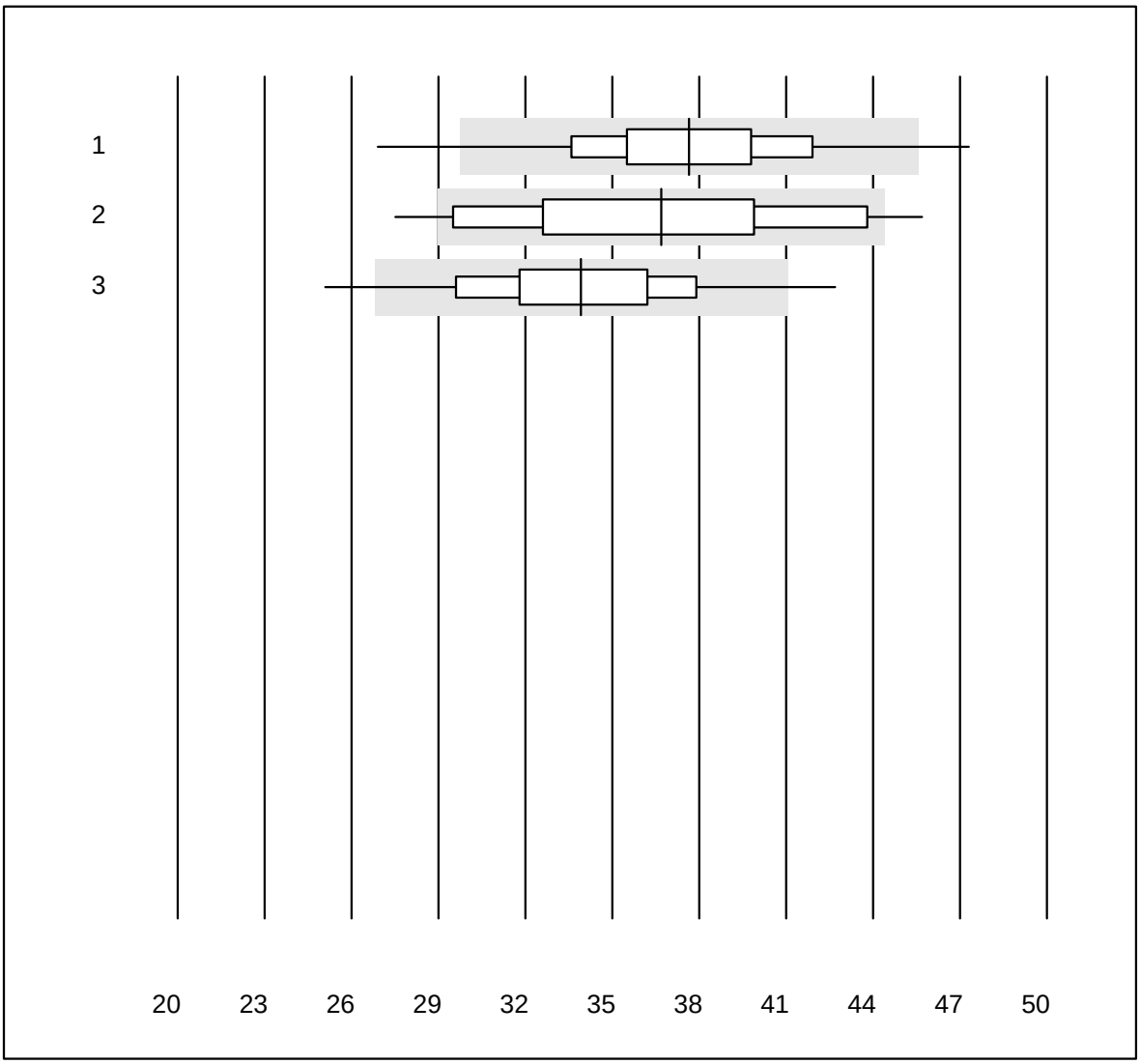


QUALAB tolerance : 25 %

Erythrocytes H2 (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	221	98.6	0.5	0.9	3.36	4.3	e
2	Microsemi	634	98.6	0.3	1.1	3.33	2.7	e

CRP H2

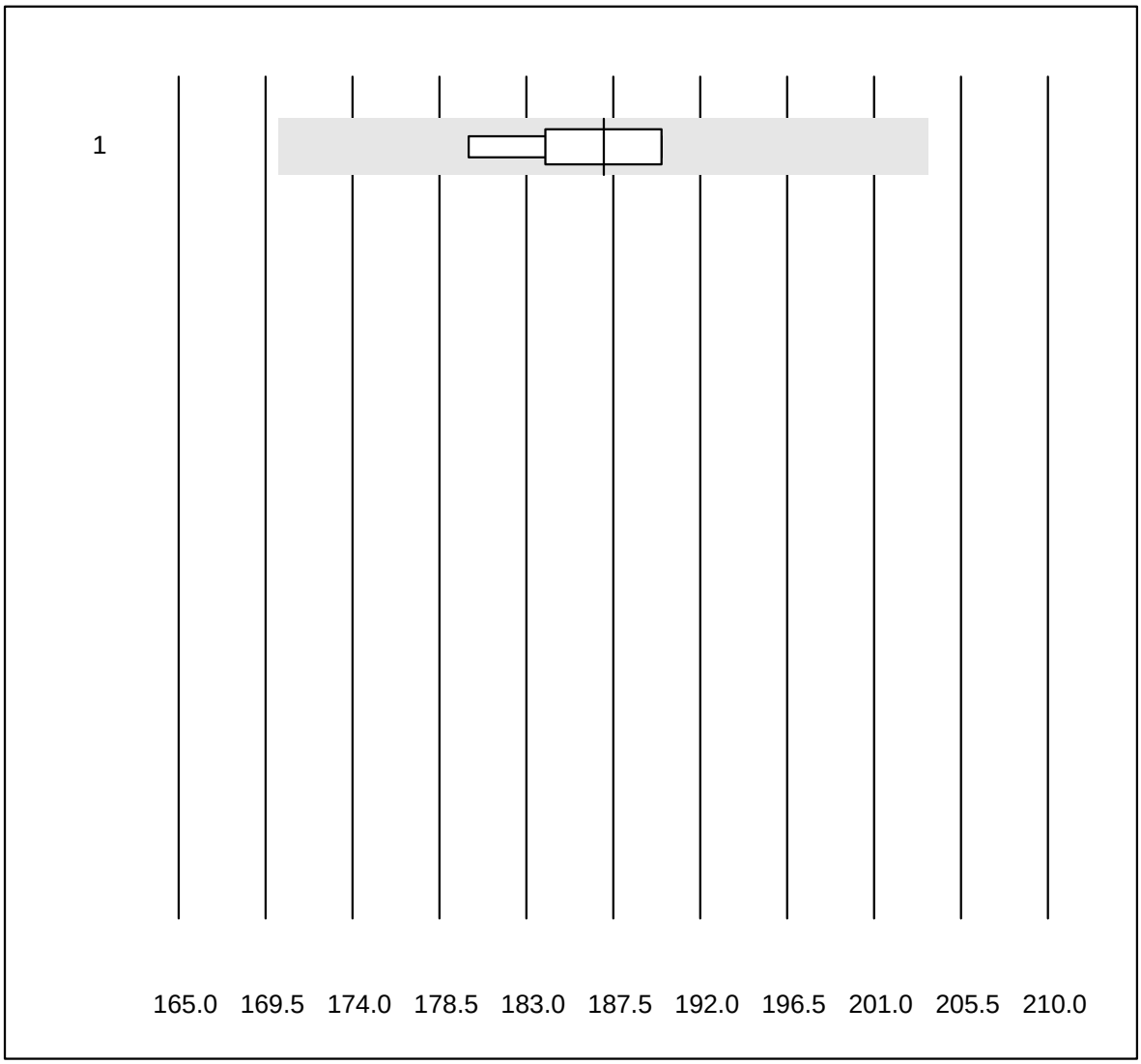


QUALAB tolerance : 21 %

CRP H2 (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Microsemi	628	97.2	1.8	1.0	37.6	8.6	e
2	Abx Micros	20	85.0	10.0	5.0	36.7	13.3	e*
3	ABX Micros CRP200	192	95.3	3.1	1.6	33.9	9.6	e

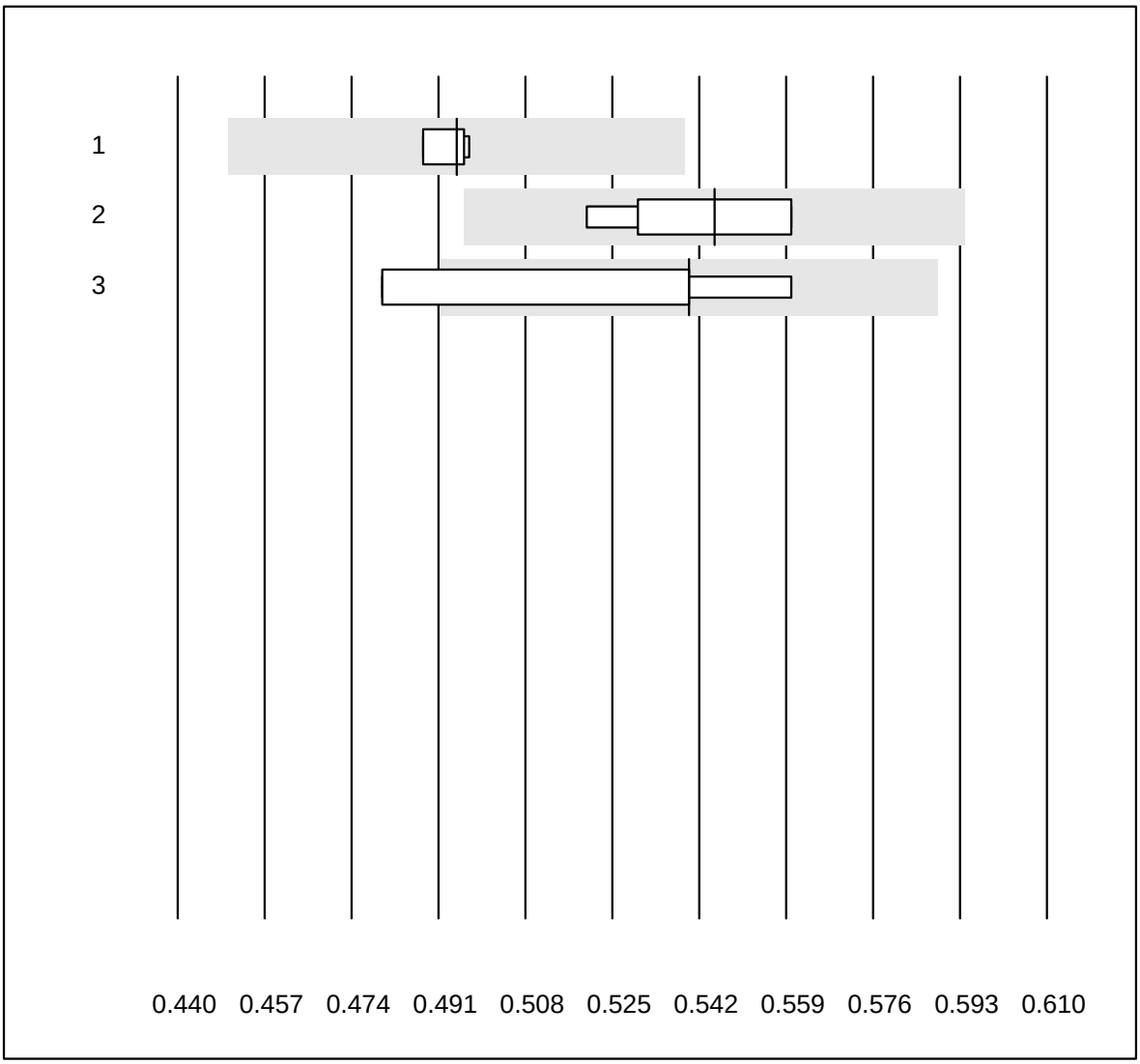
Hemoglobin BG



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	iStat	5	100.0	0.0	0.0	187.0	2.3	e

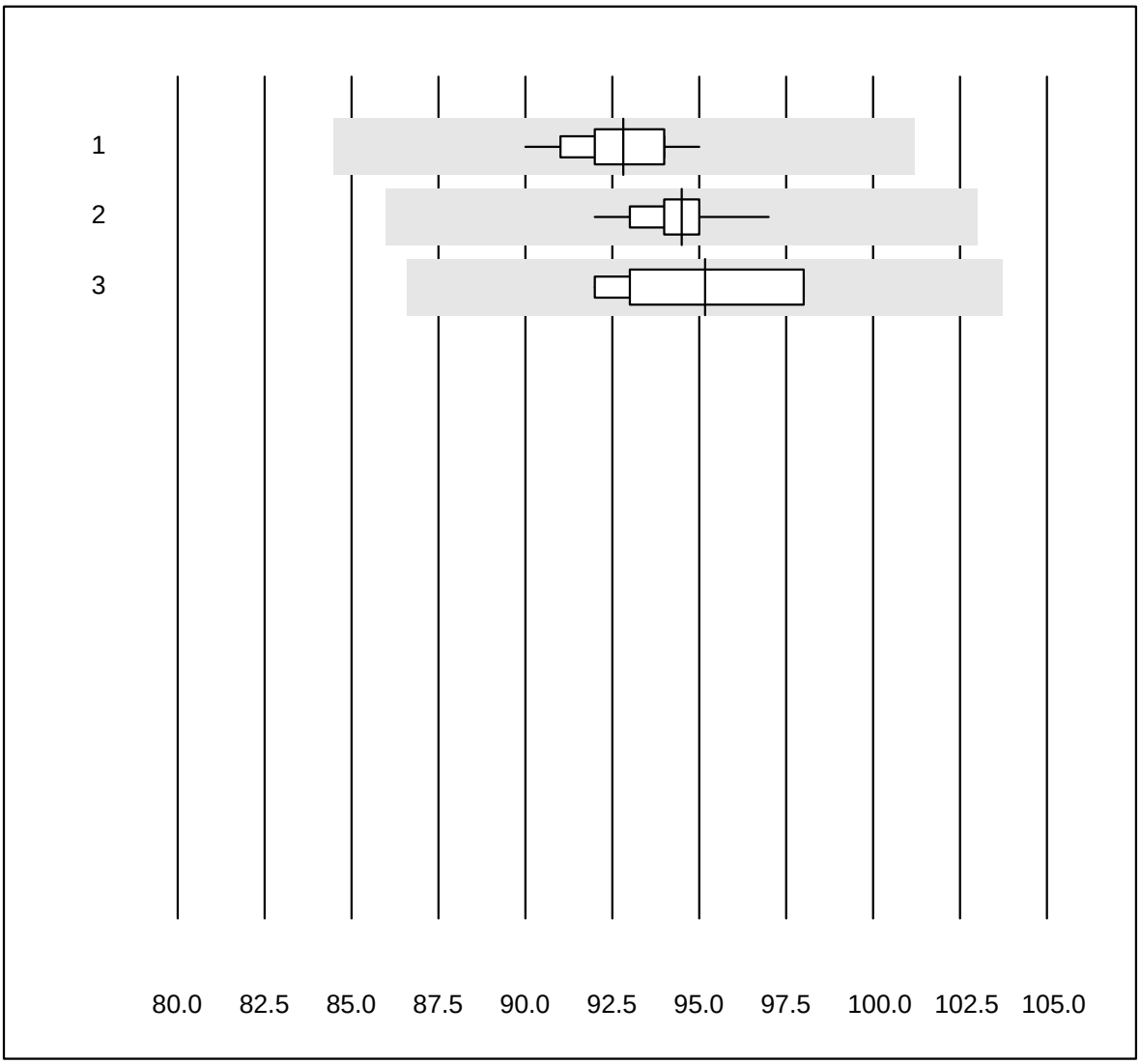
Hematocrit



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	4	100.0	0.0	0.0	0.49	0.8	e
2	iStat	6	100.0	0.0	0.0	0.55	3.0	e*
3	EPOC	5	60.0	20.0	20.0	0.54	6.5	e*

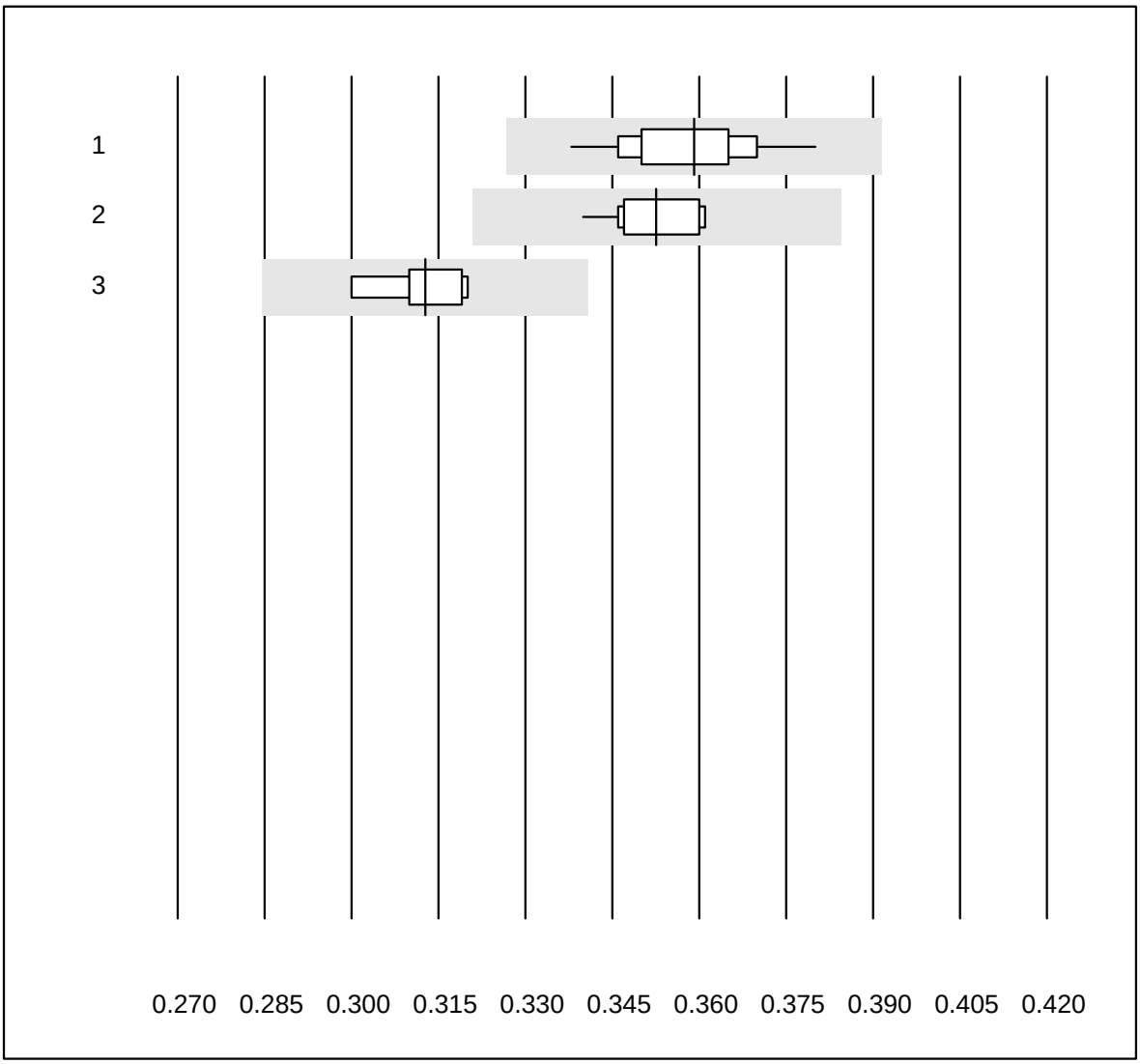
Hemoglobin



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	44	100.0	0.0	0.0	92.8	1.4	e
2	Advia	12	100.0	0.0	0.0	94.5	1.3	e
3	ABX Pentra	10	100.0	0.0	0.0	95.2	2.4	e

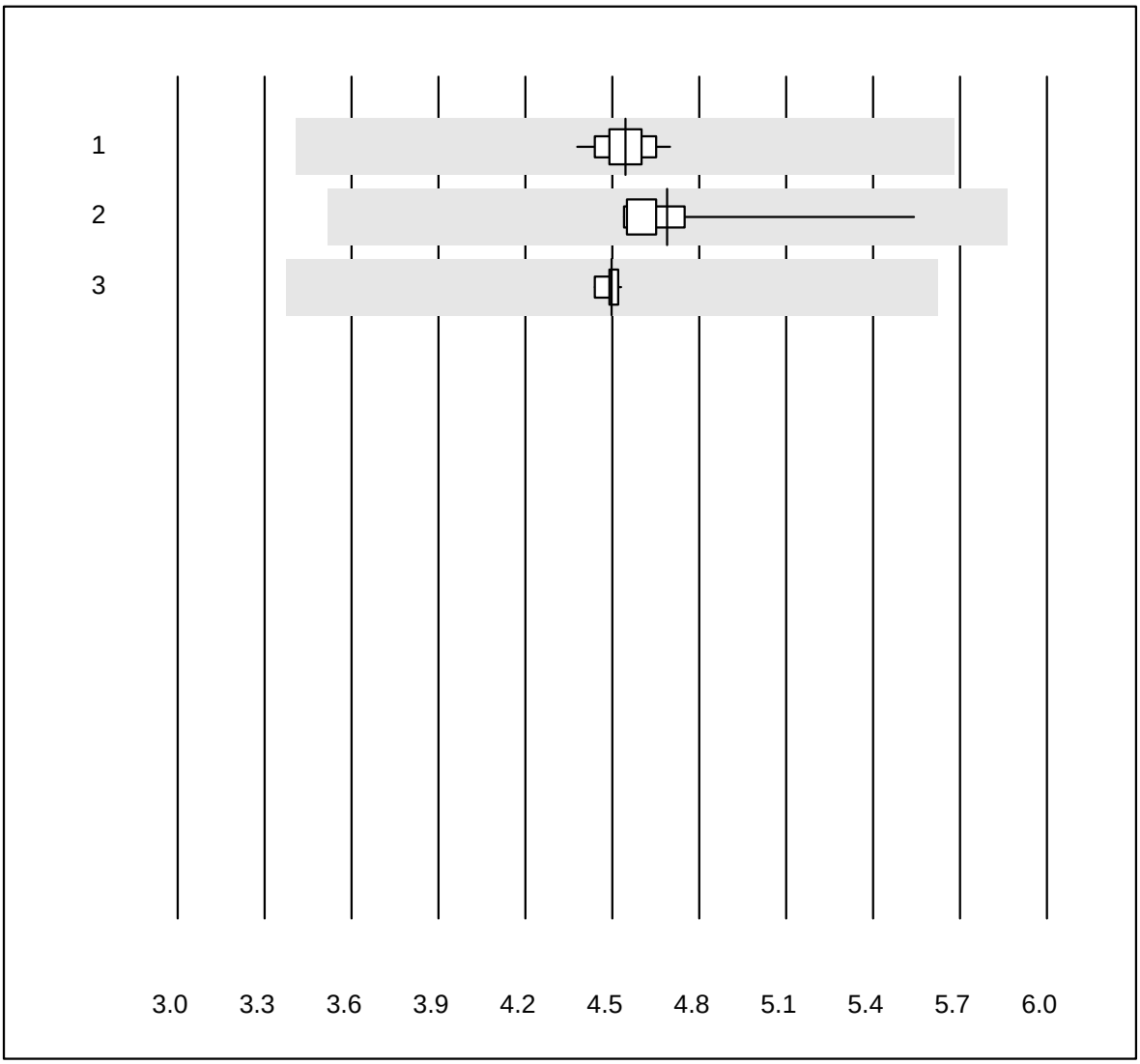
Hematocrit



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	44	100.0	0.0	0.0	0.36	2.7	e
2	Advia	12	100.0	0.0	0.0	0.35	2.0	e
3	ABX Pentra	10	100.0	0.0	0.0	0.31	2.2	e

Erythrocytes

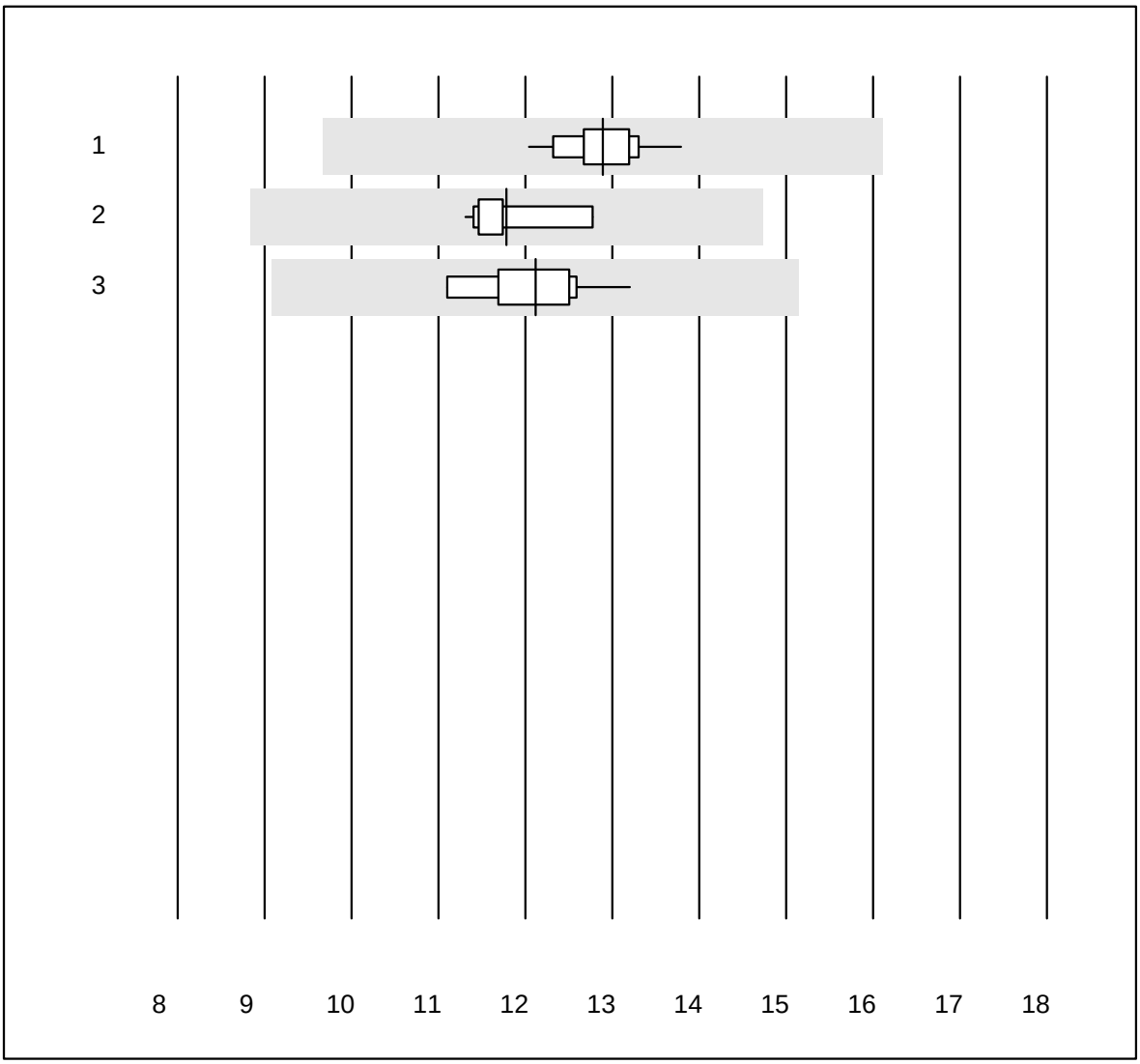


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	44	100.0	0.0	0.0	4.55	1.7	e
2	Advia	12	100.0	0.0	0.0	4.69	5.9	e
3	ABX Pentra	10	100.0	0.0	0.0	4.50	0.6	e

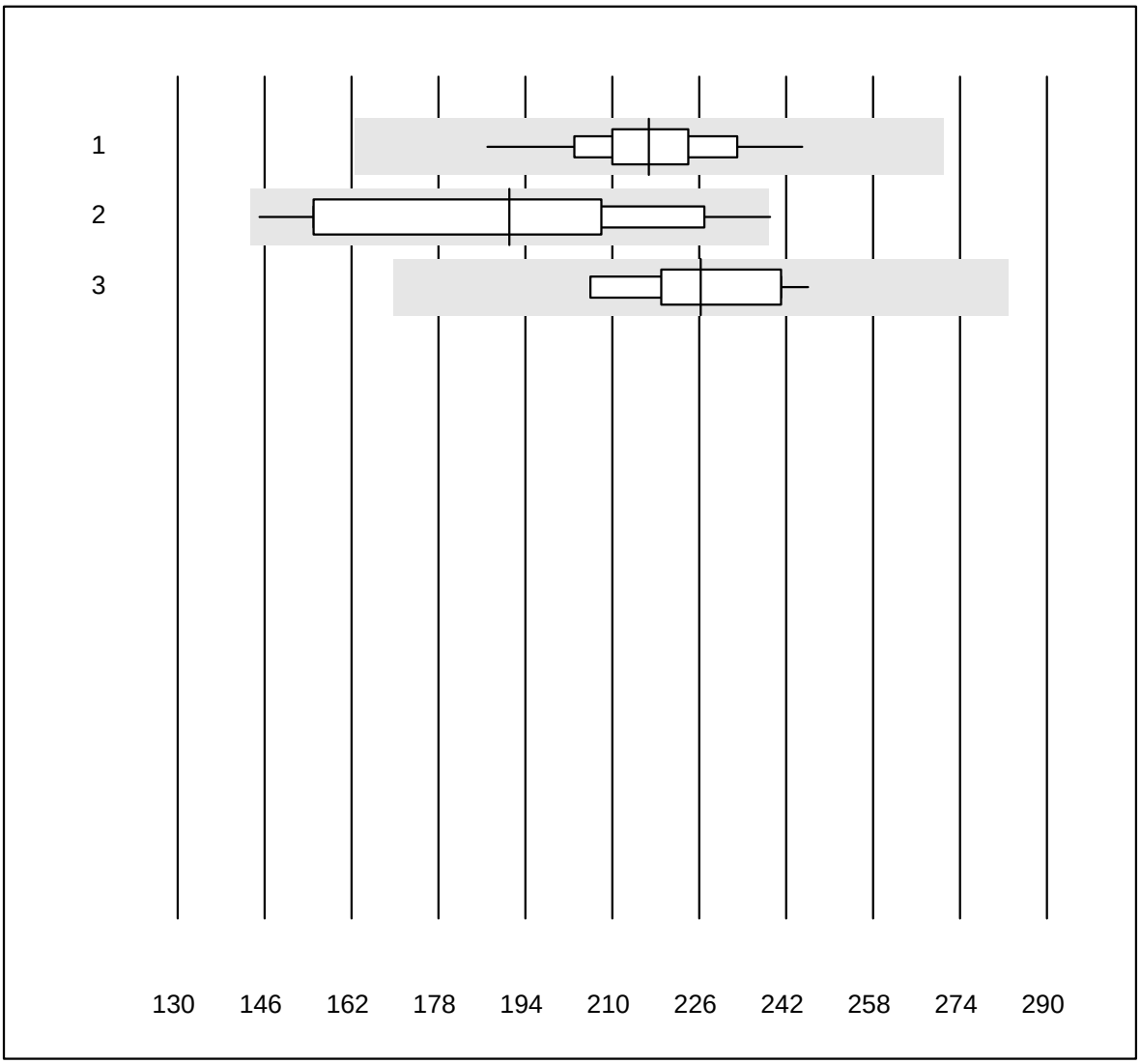
Leucocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	44	100.0	0.0	0.0	12.89	3.0	e
2	Advia	12	100.0	0.0	0.0	11.78	4.1	e
3	ABX Pentra	10	100.0	0.0	0.0	12.12	5.1	e

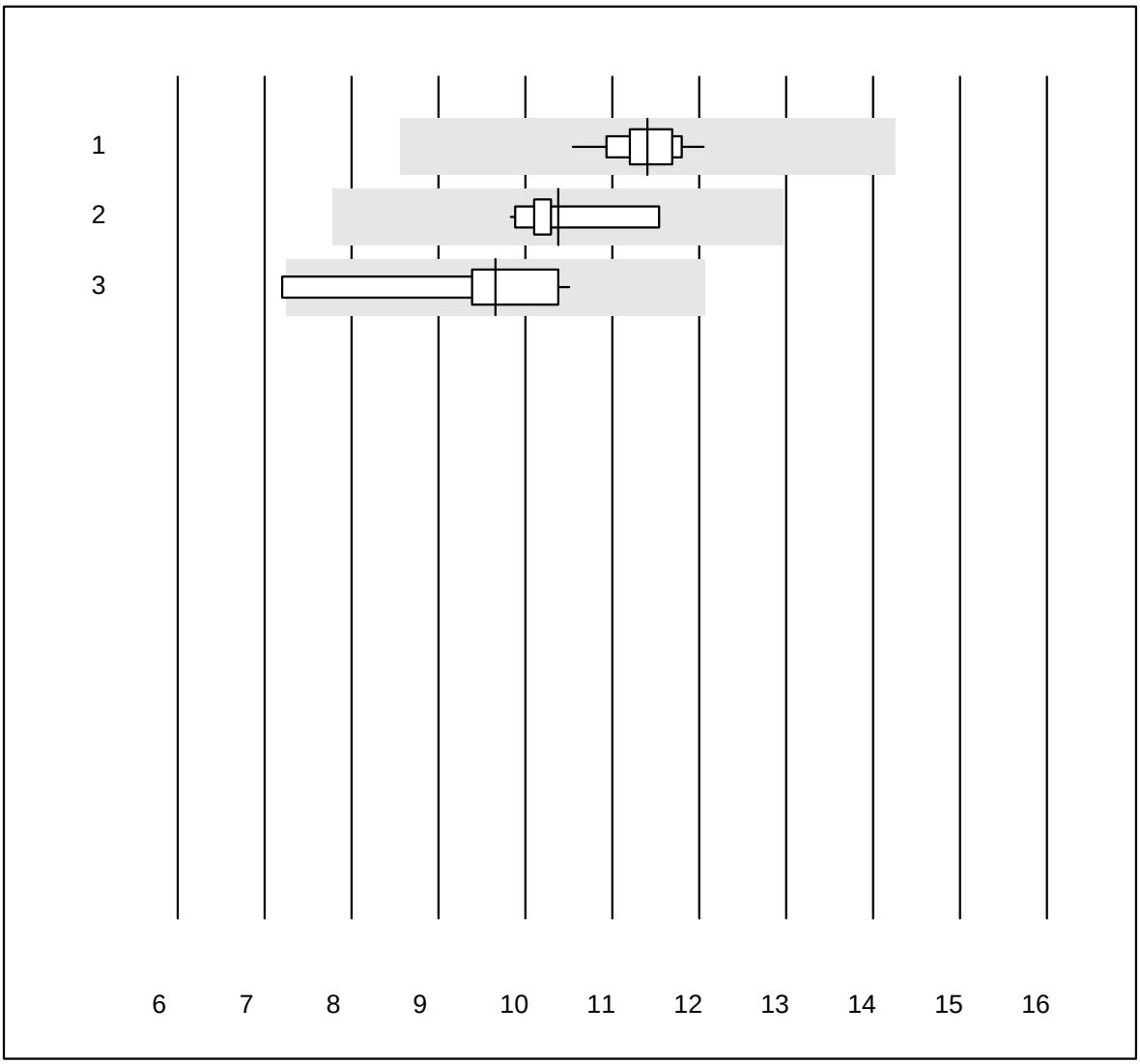
Thrombocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	44	100.0	0.0	0.0	216.7	5.7	e
2	Advia	12	91.7	8.3	0.0	191.0	16.5	e*
3	ABX Pentra	10	100.0	0.0	0.0	226.3	5.8	e

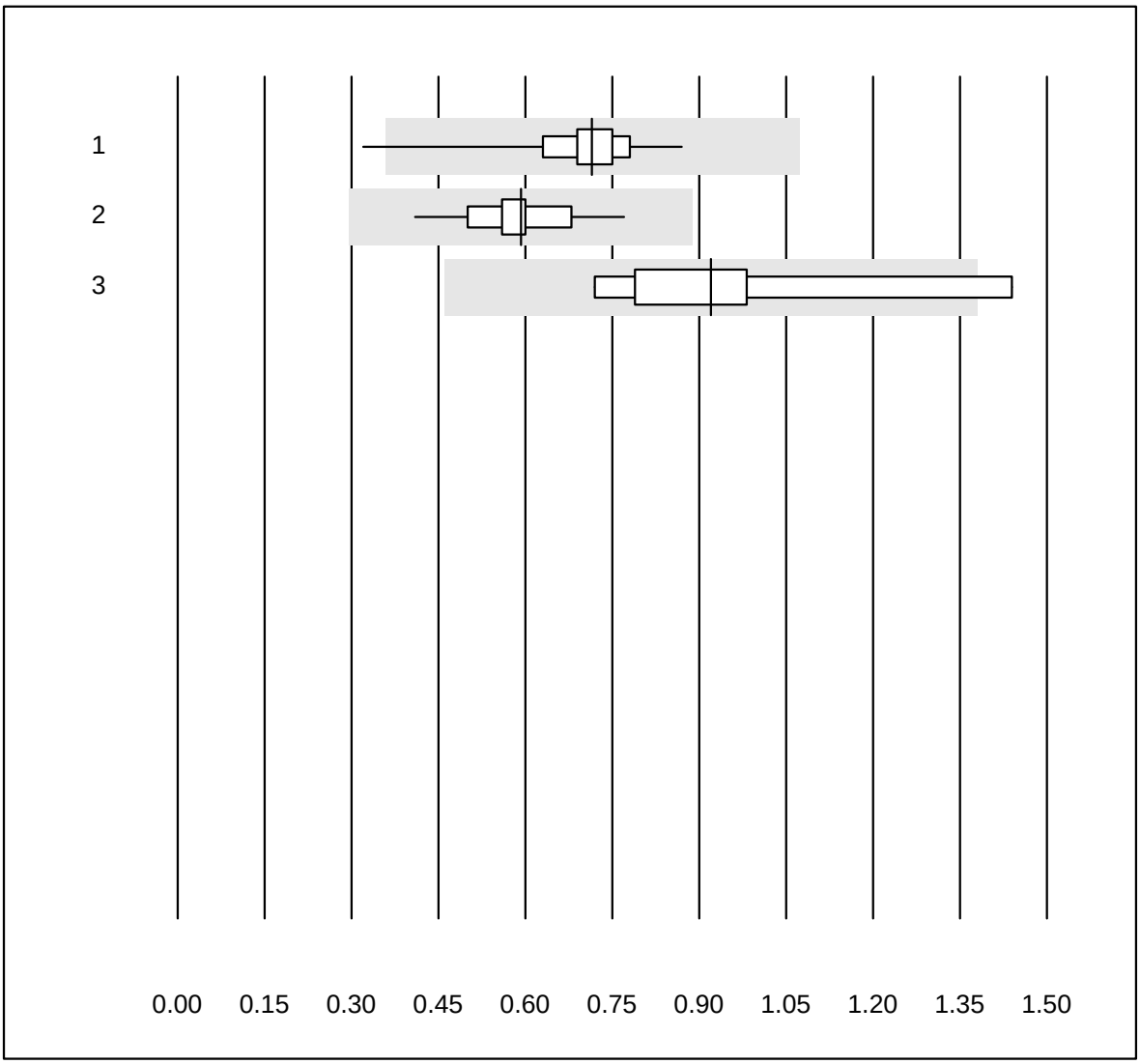
Neutrophils



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	44	100.0	0.0	0.0	11.40	3.0	e
2	Advia	12	100.0	0.0	0.0	10.37	5.4	e
3	ABX Pentra	10	90.0	10.0	0.0	9.65	10.0	e*

Lymphocytes

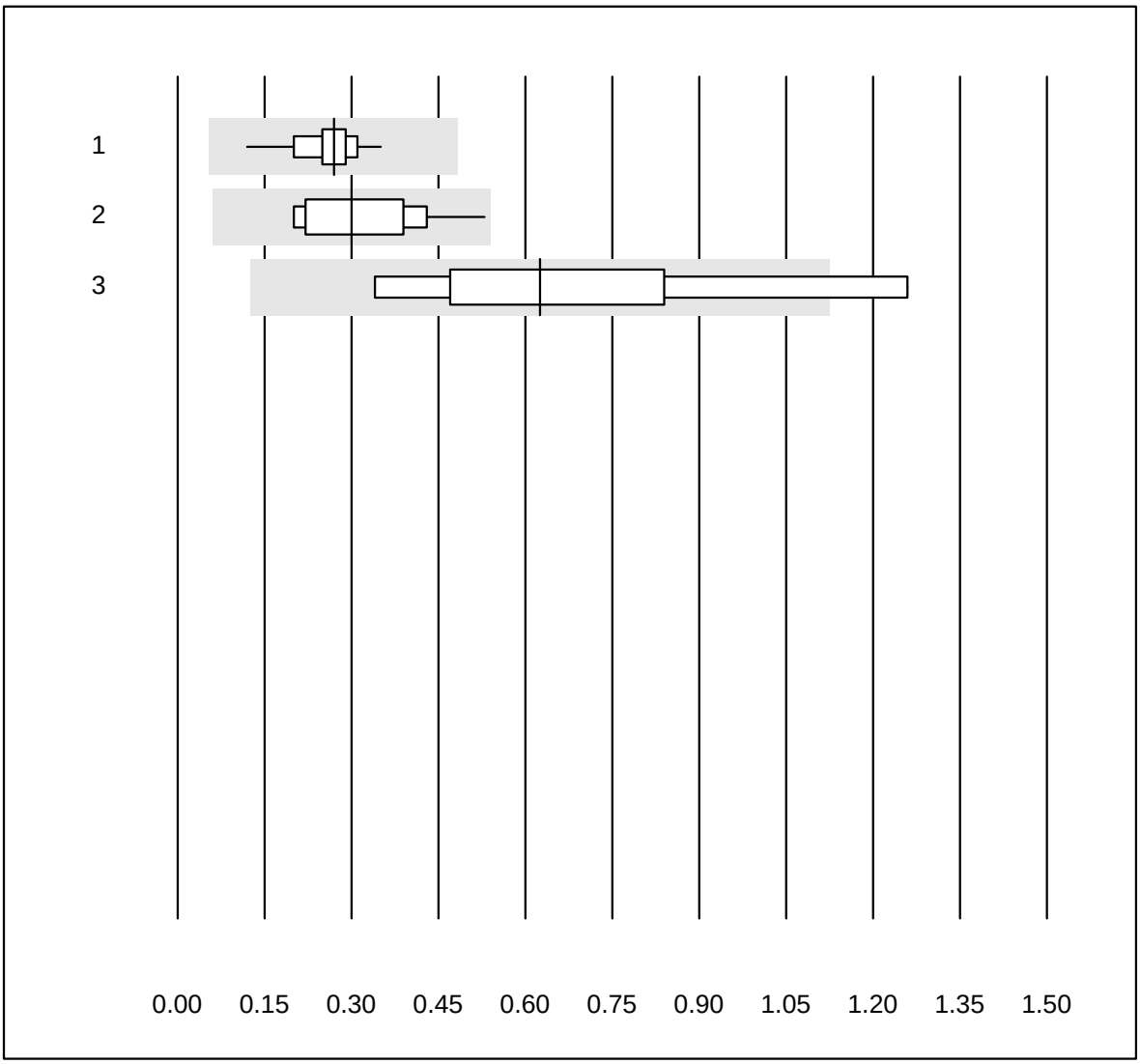


MQ tolerance : 25 %

Lymphocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	44	97.7	2.3	0.0	0.71	11.4	a
2	Advia	12	100.0	0.0	0.0	0.59	14.9	a
3	ABX Pentra	10	70.0	10.0	20.0	0.92	24.1	a

Monocytes

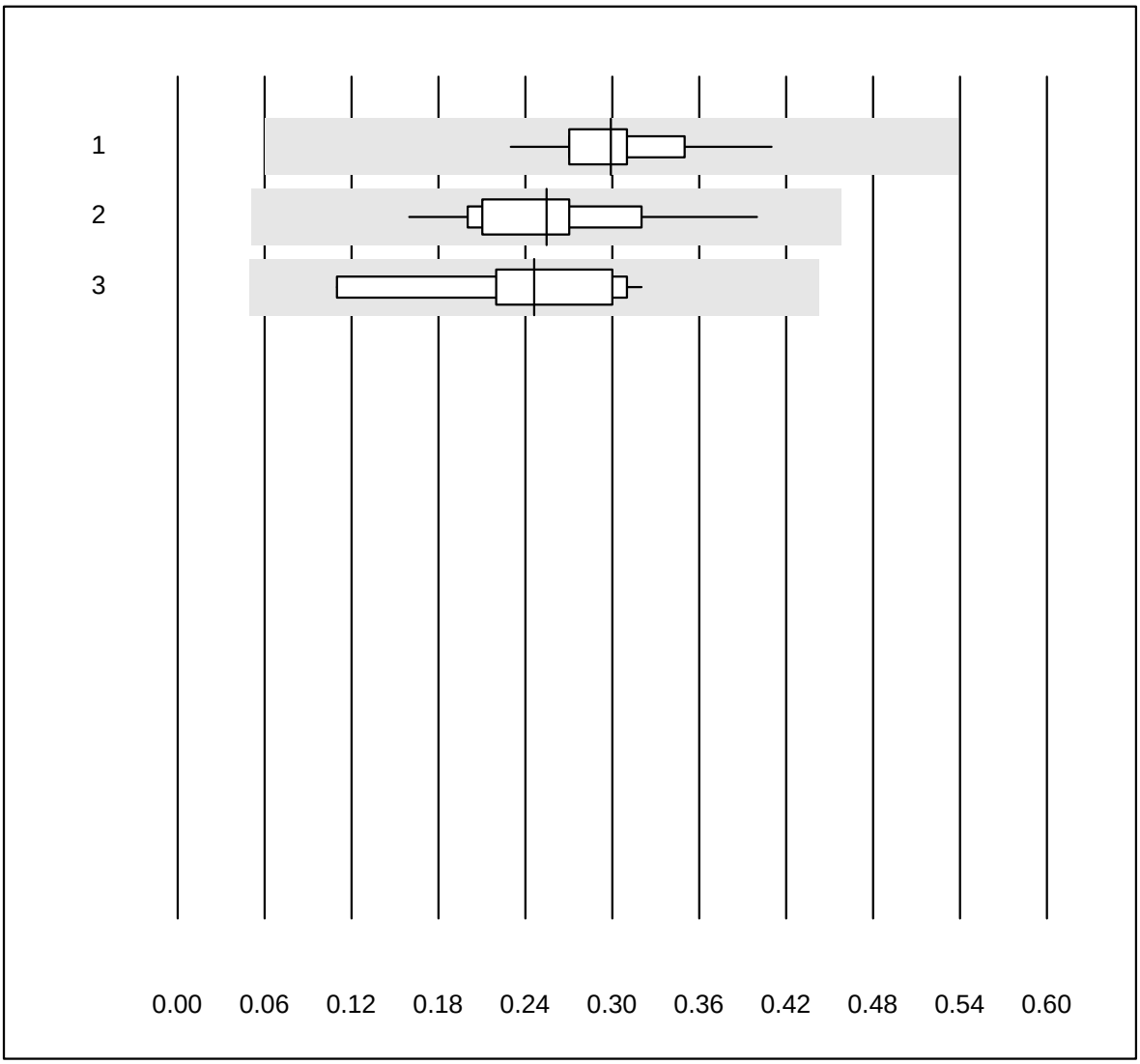


MQ tolerance : 25 %

Monocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	44	100.0	0.0	0.0	0.27	16.0	a
2	Advia	12	91.7	0.0	8.3	0.30	37.5	a
3	ABX Pentra	10	70.0	20.0	10.0	0.62	45.5	a

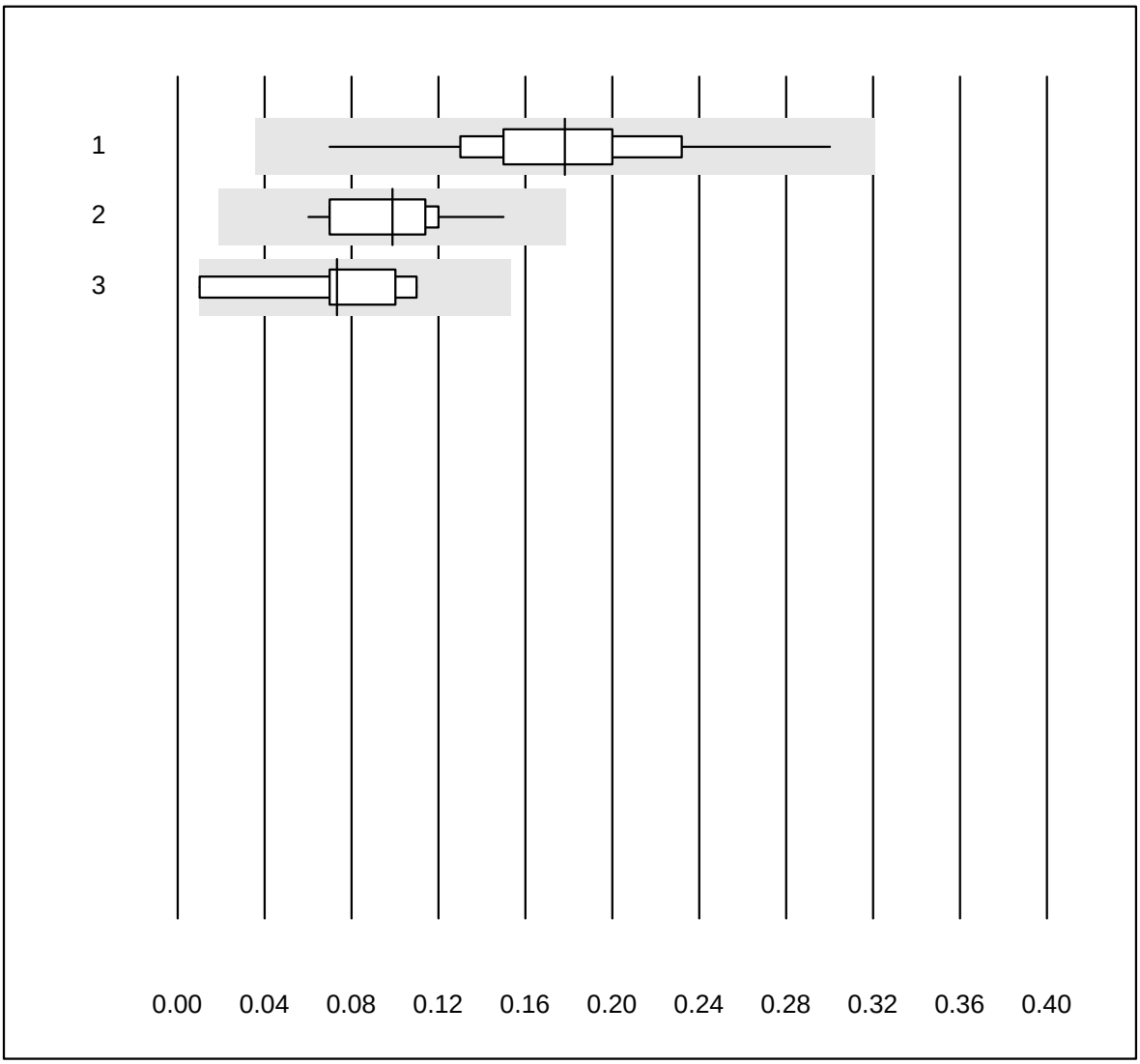
Eosinophils



MQ tolerance : 50 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	44	100.0	0.0	0.0	0.30	12.2	a
2	Advia	12	100.0	0.0	0.0	0.25	25.7	a
3	ABX Pentra	10	100.0	0.0	0.0	0.25	25.3	a

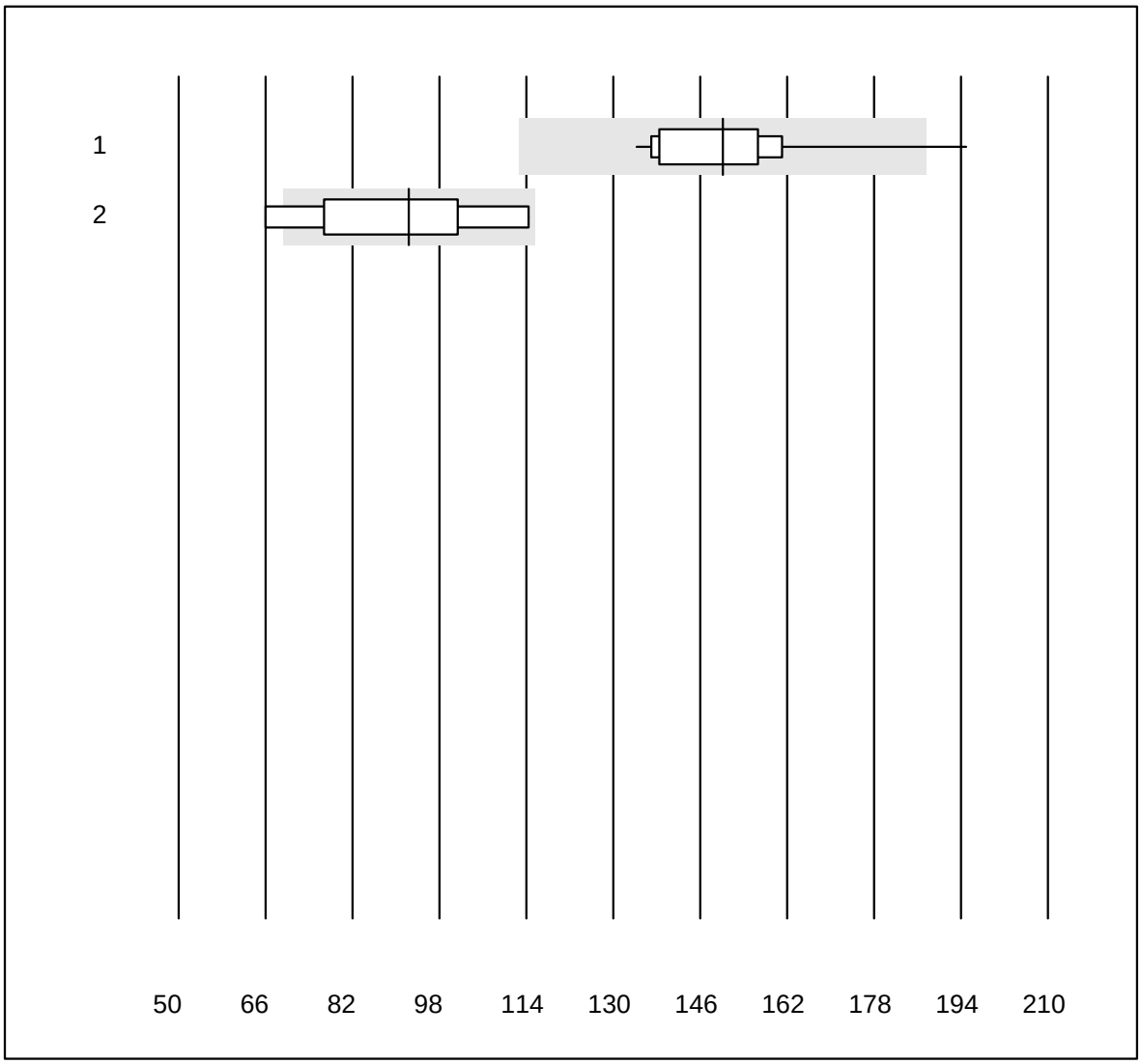
Basophiles



MQ tolerance : 80 %
(< 0.10: +/- 0.08 G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	44	97.7	0.0	2.3	0.18	26.9	e
2	Advia	12	100.0	0.0	0.0	0.10	27.5	e
3	ABX Pentra	10	90.0	0.0	10.0	0.07	52.4	e*

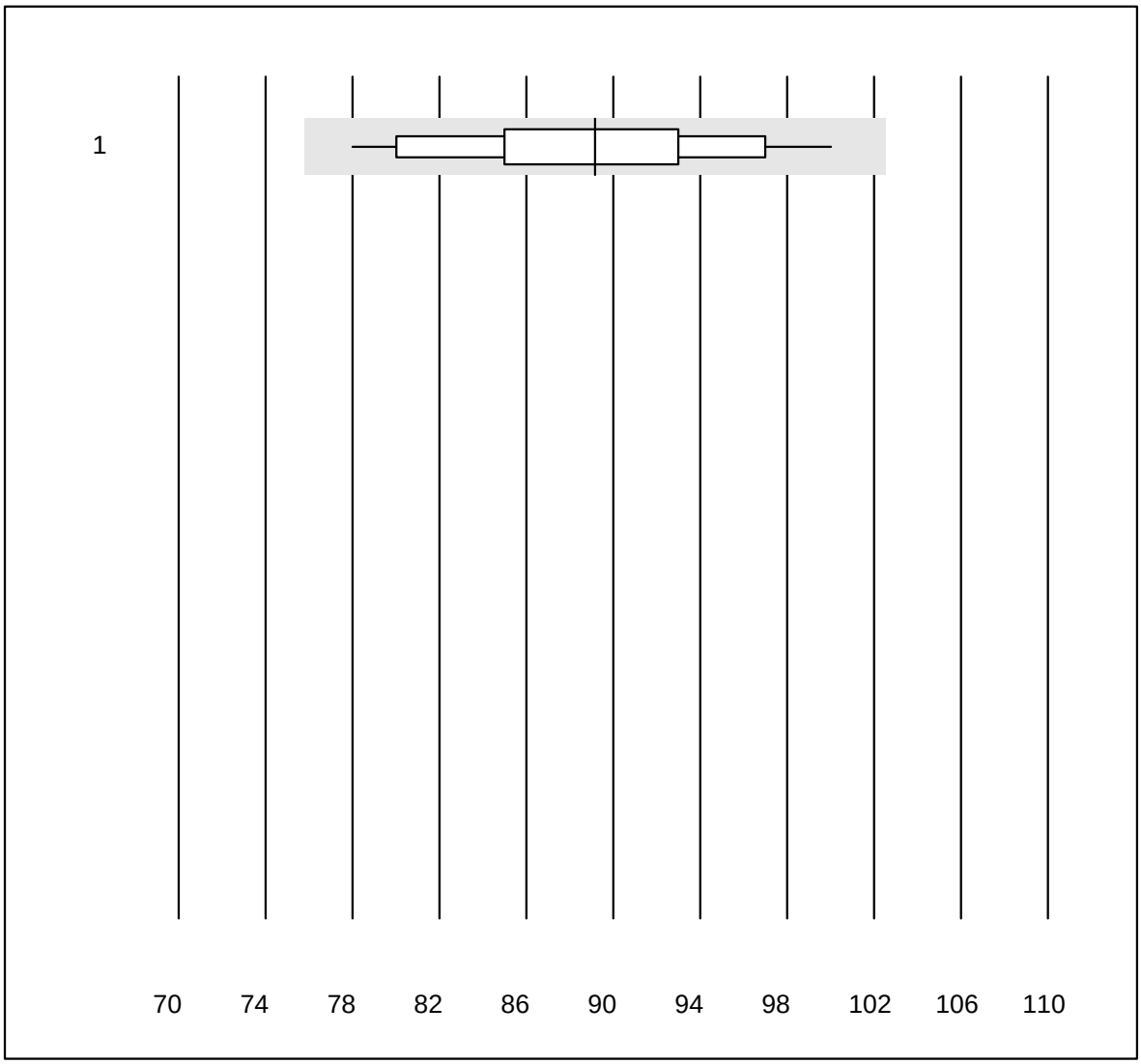
Reticulocytes



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	24	95.8	4.2	0.0	150.2	8.7	e
2	Advia	9	88.9	11.1	0.0	92.4	18.6	a

Hämolyseindex Probe A

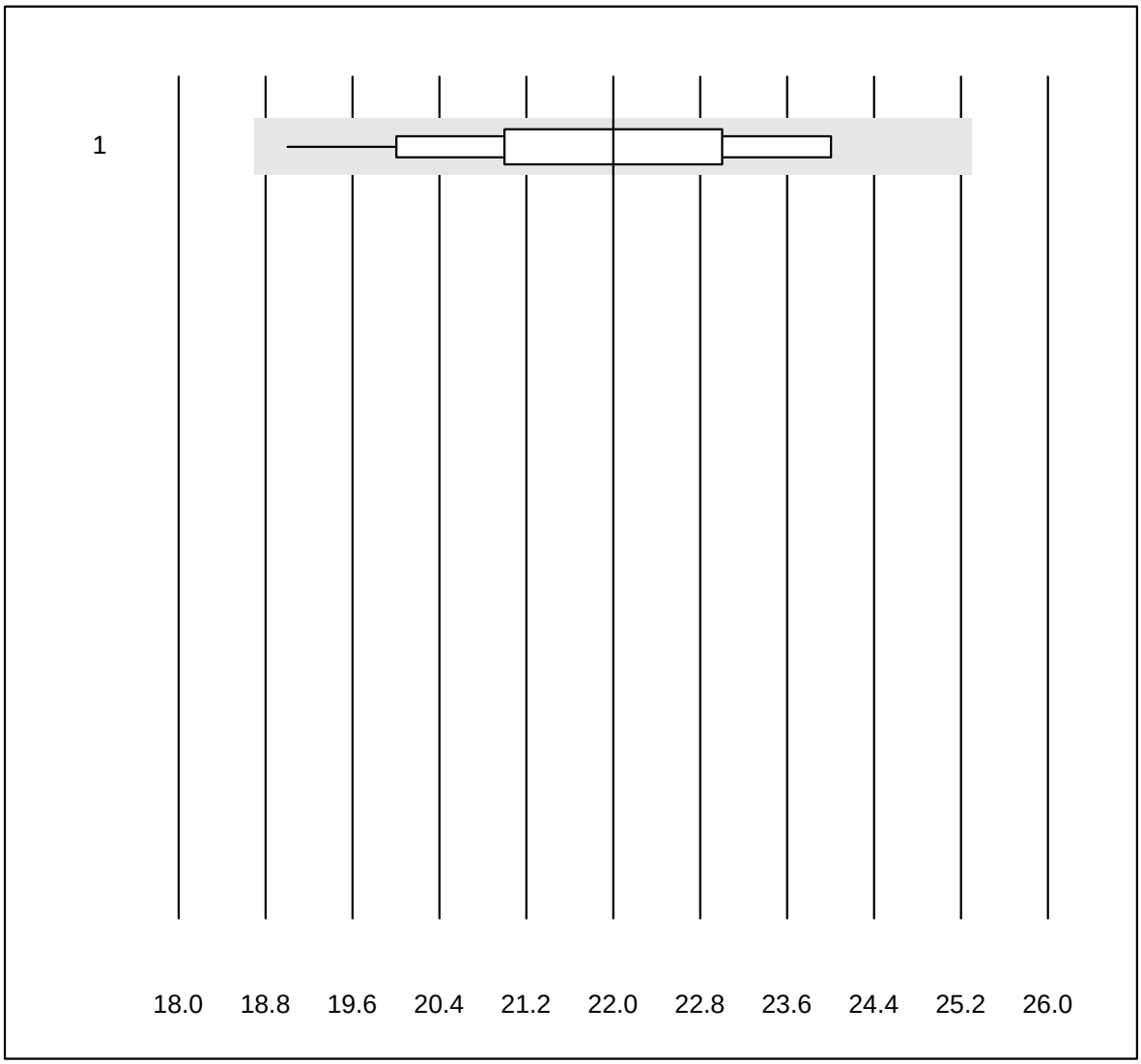


MQ tolerance : 15 %

Hämolyseindex Probe A ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	15	93.3	0.0	6.7	89.1	7.0	e*

Hämolyseindex Probe B

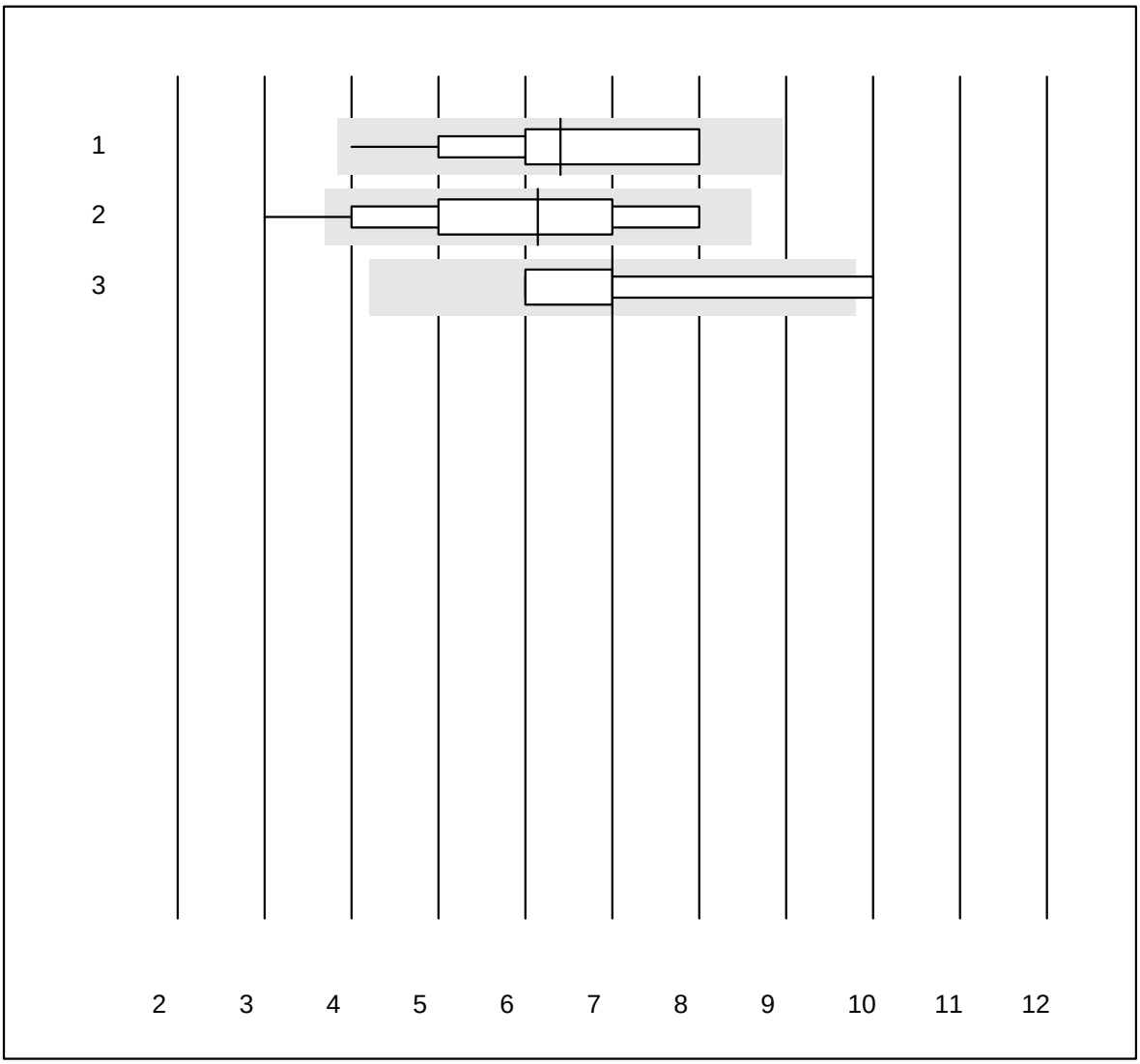


MQ tolerance : 15 %

Hämolyseindex Probe B ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	15	86.7	0.0	13.3	22.0	6.9	e

Erythrocyte sedimentation rate 1h

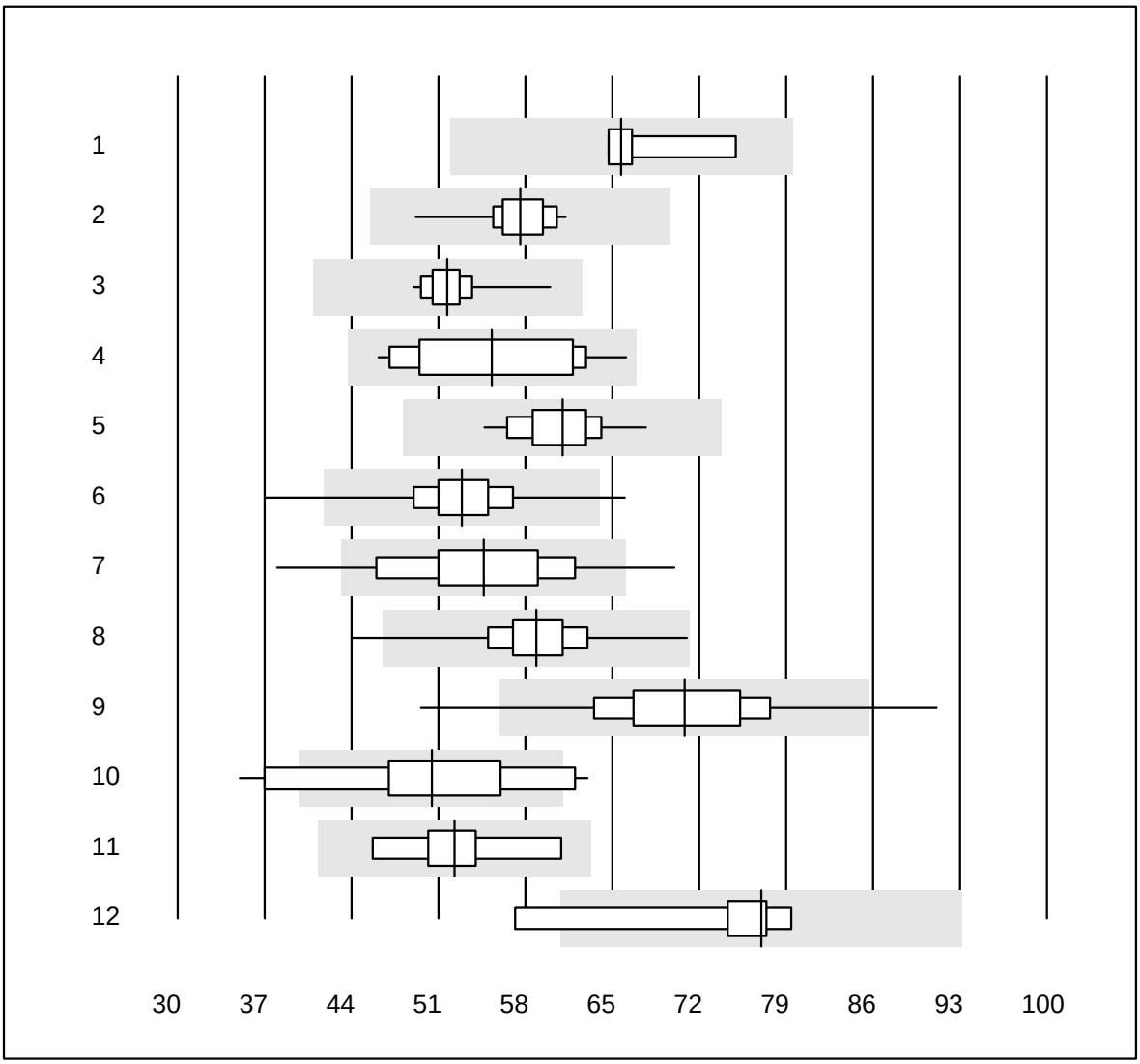


MQ tolerance : 30 %

Erythrocyte sedimentation rate 1h (mm/h)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sarstedt Sedivette	11	100.0	0.0	0.0	6	20.0	a
2	BD Seditainer	16	87.4	6.3	6.3	6	24.2	a
3	Other methods	4	75.0	25.0	0.0	7	26.1	a

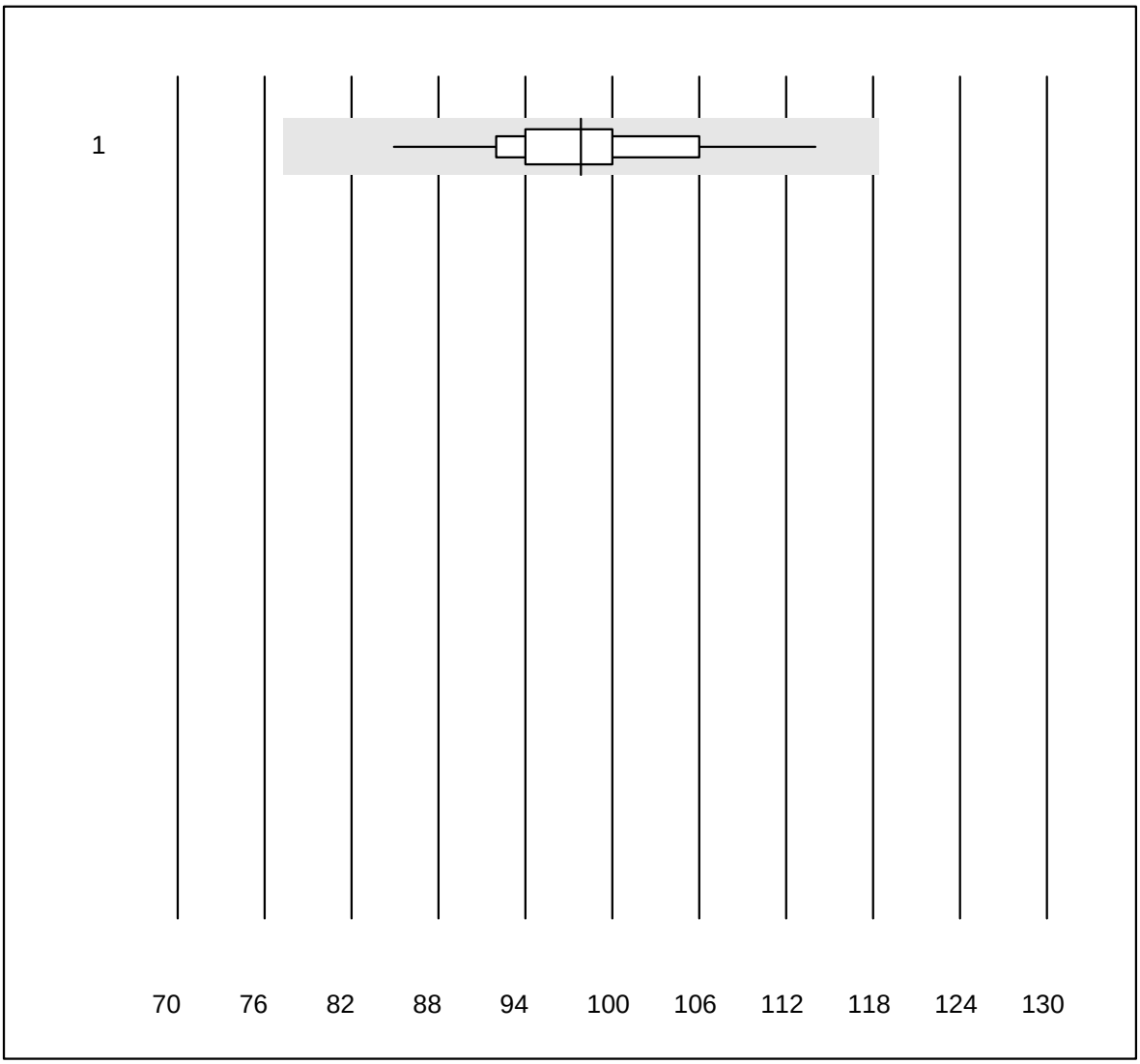
CRP



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IChroma	4	100.0	0.0	0.0	65.7	7.2	e*
2	Celltac chemi	25	100.0	0.0	0.0	57.6	4.4	e
3	Cobas b101	58	100.0	0.0	0.0	51.7	3.6	e
4	Cobas	17	100.0	0.0	0.0	55.3	12.4	e*
5	Turbidimetry	38	94.7	0.0	5.3	61.0	4.8	e
6	Afinion	1375	98.7	0.9	0.4	52.9	6.3	e
7	NycoCard SingleTest-	211	84.4	5.2	10.4	54.6	11.1	e
8	Quick Read go	144	97.2	0.7	2.1	58.9	6.5	e
9	Eurolyser	114	75.4	5.3	19.3	70.8	10.4	e
10	Fuji Dri-Chem	19	73.6	21.1	5.3	50.4	15.0	e*
11	Autolyser/DiaSys	10	90.0	0.0	10.0	52.3	9.3	e*
12	Piccolo	6	83.3	16.7	0.0	77.0	11.2	e*

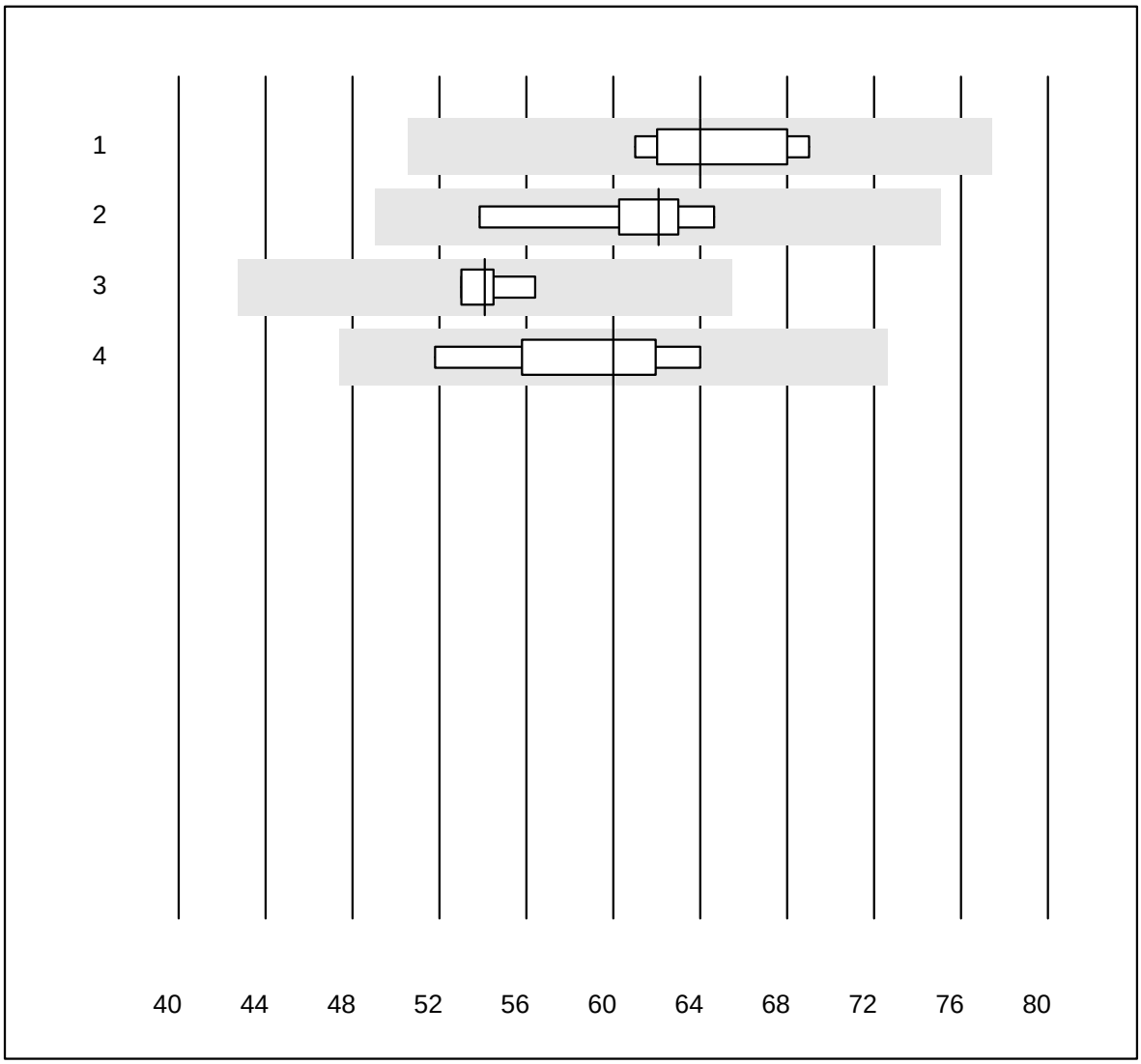
CRP



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	QuikRead (Vollblut)	85	97.6	0.0	2.4	97.9	5.4	e

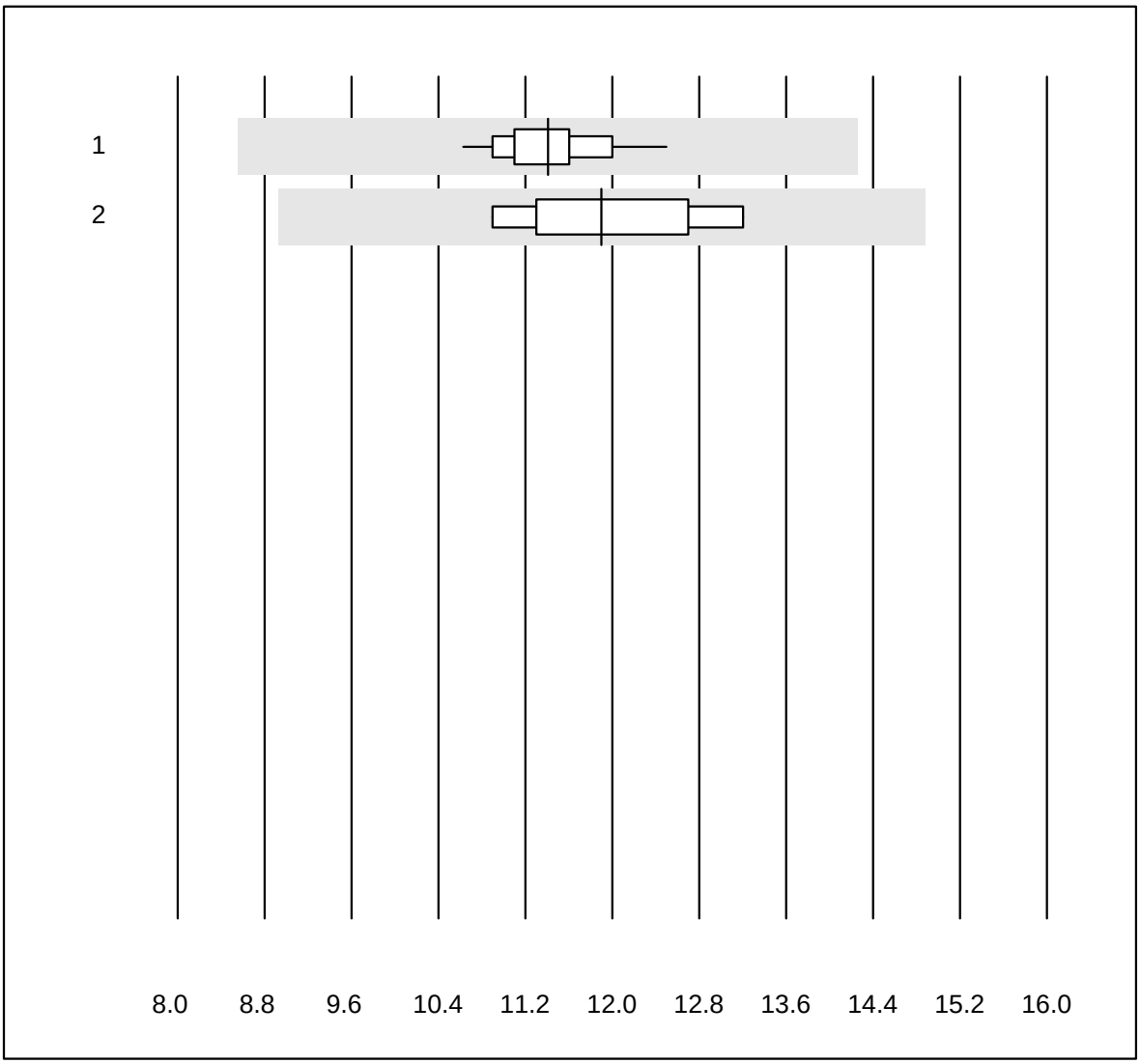
CRP



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AQT 90 FLEX	7	100.0	0.0	0.0	64.0	4.8	e
2	Spotchem D-Concept	6	100.0	0.0	0.0	62.1	6.2	e*
3	Spotchem SI-3510	4	100.0	0.0	0.0	54.1	2.7	e
4	Other methods	7	85.7	0.0	14.3	60.0	7.6	e*

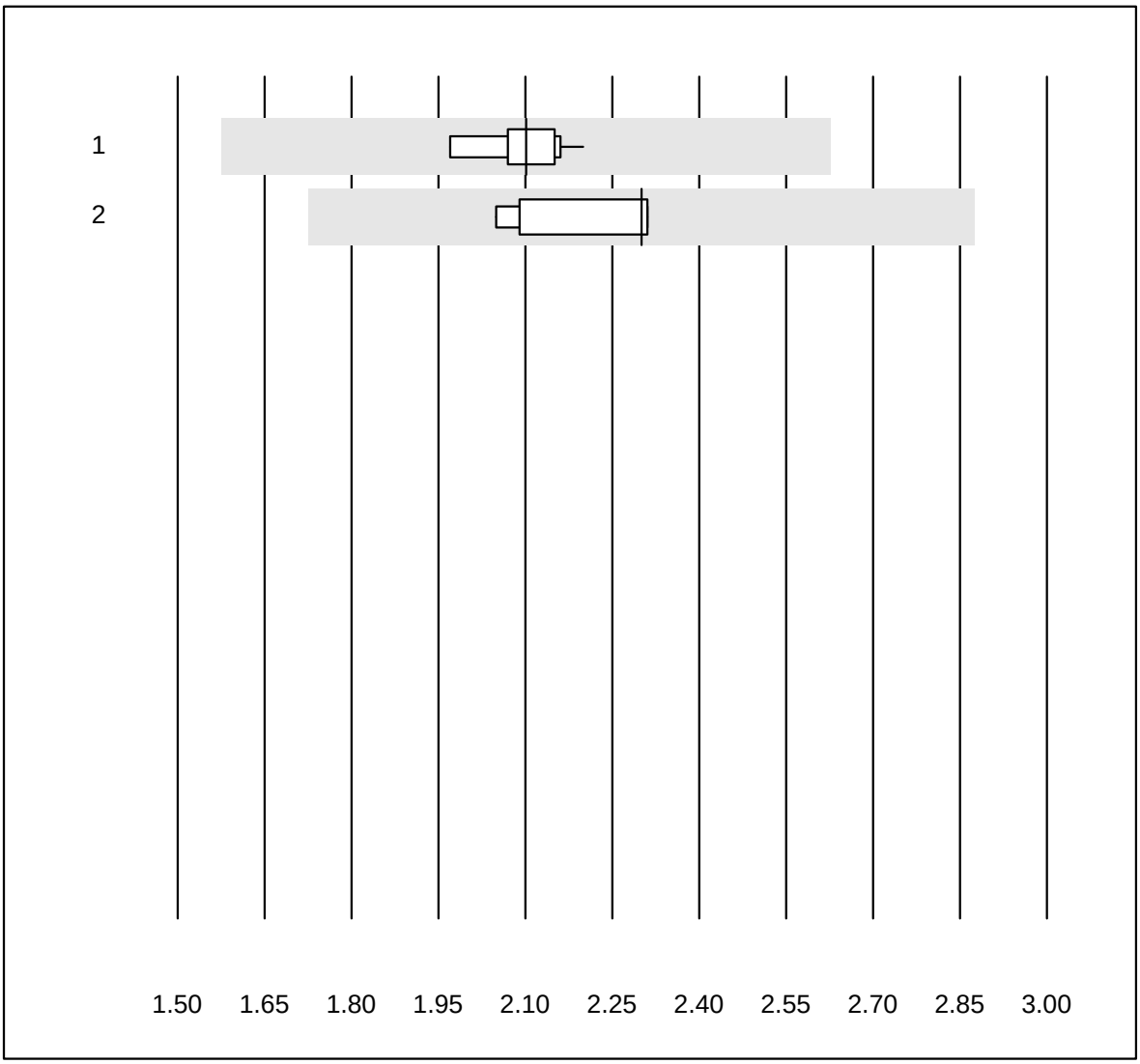
IgG



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	13	100.0	0.0	0.0	11.4	4.4	e
2	Nephelometry	5	100.0	0.0	0.0	11.9	7.9	e*

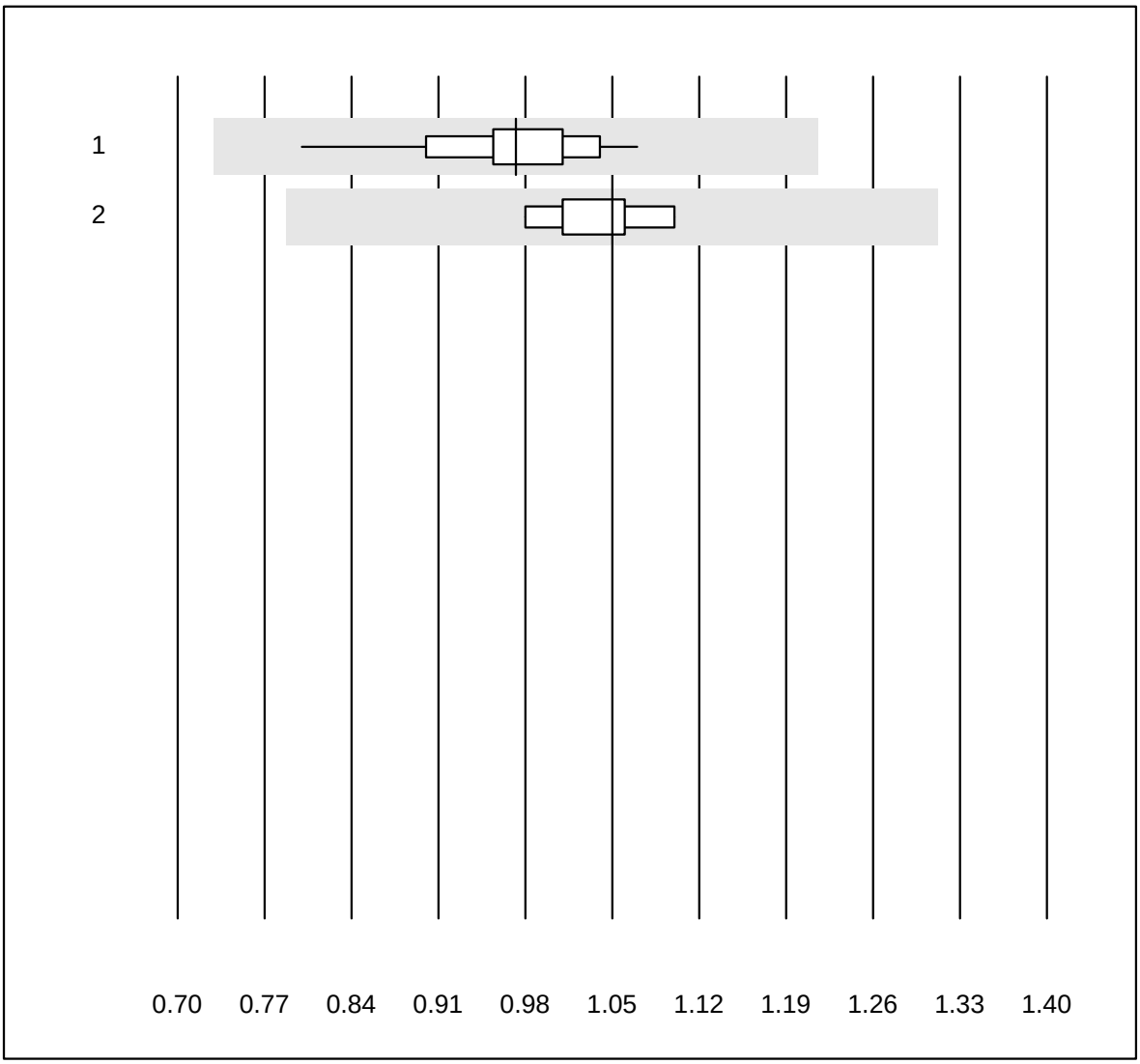
IgA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	14	100.0	0.0	0.0	2.1	3.2	e
2	Nephelometry	5	100.0	0.0	0.0	2.3	5.9	e

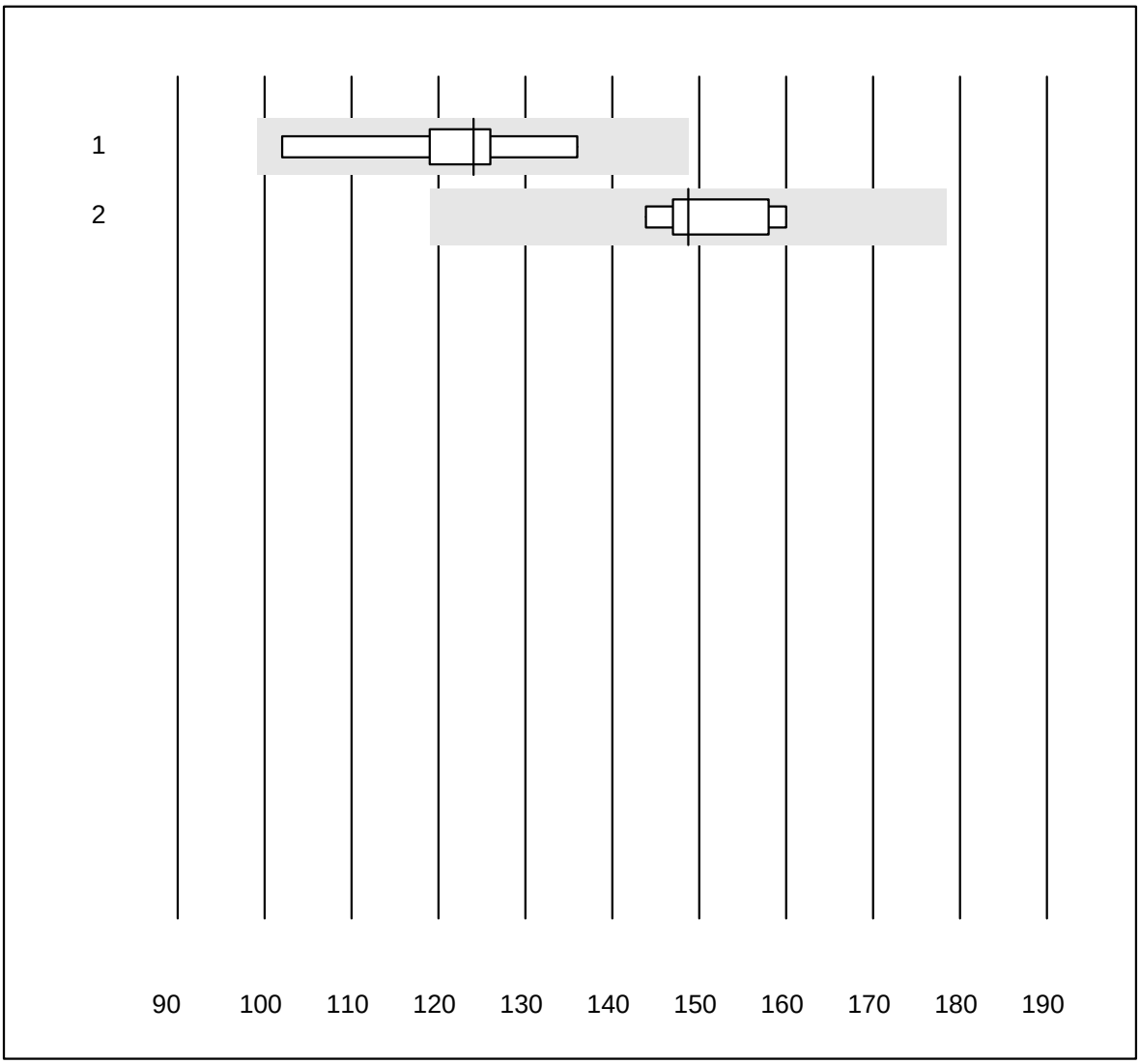
IgM



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	13	100.0	0.0	0.0	1.0	6.9	e
2	Nephelometry	5	100.0	0.0	0.0	1.1	4.5	e

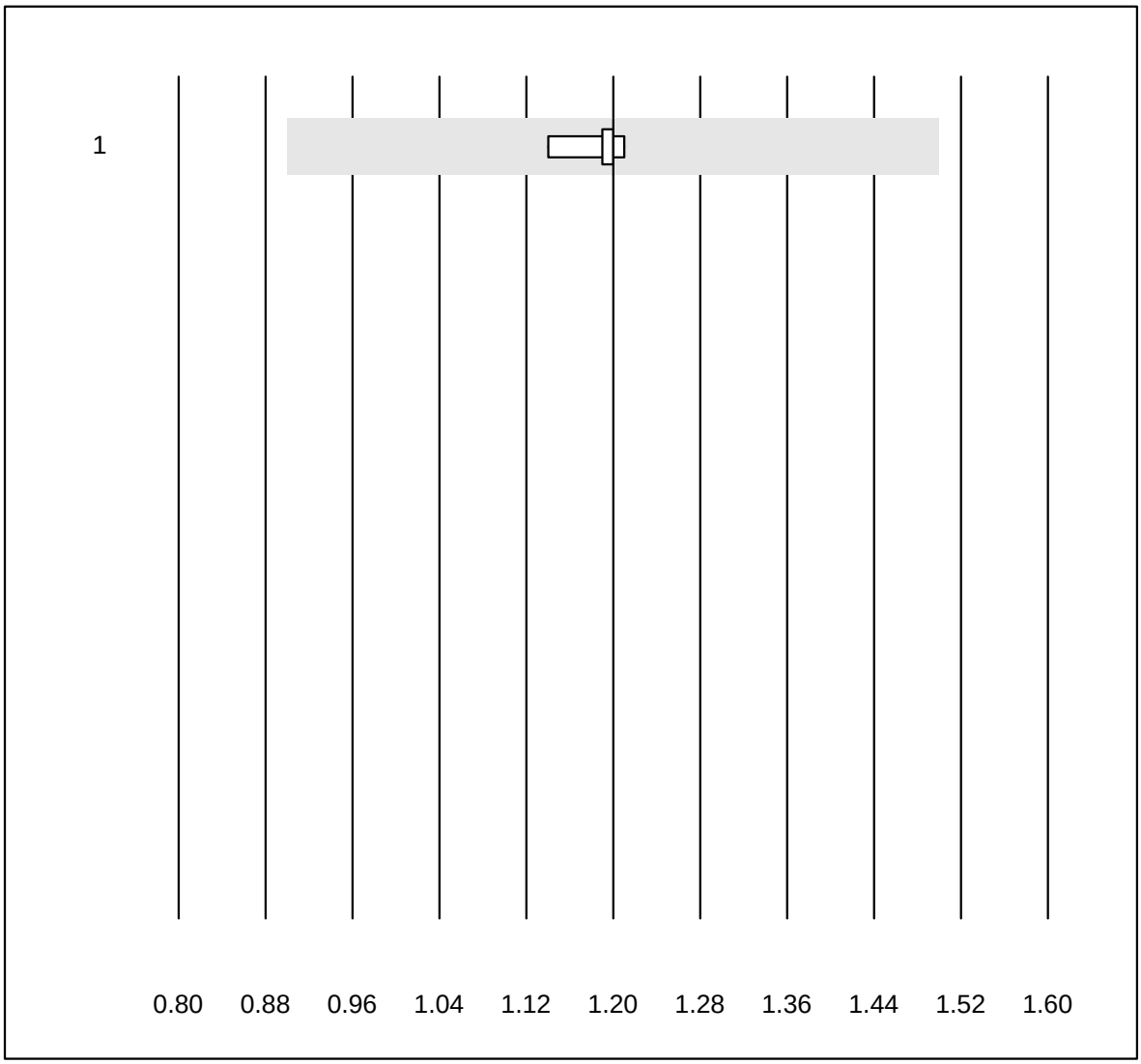
IgE



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	124	10.3	e*
2	Cobas	5	100.0	0.0	0.0	149	4.7	e

Alpha-1-Antitrypsin

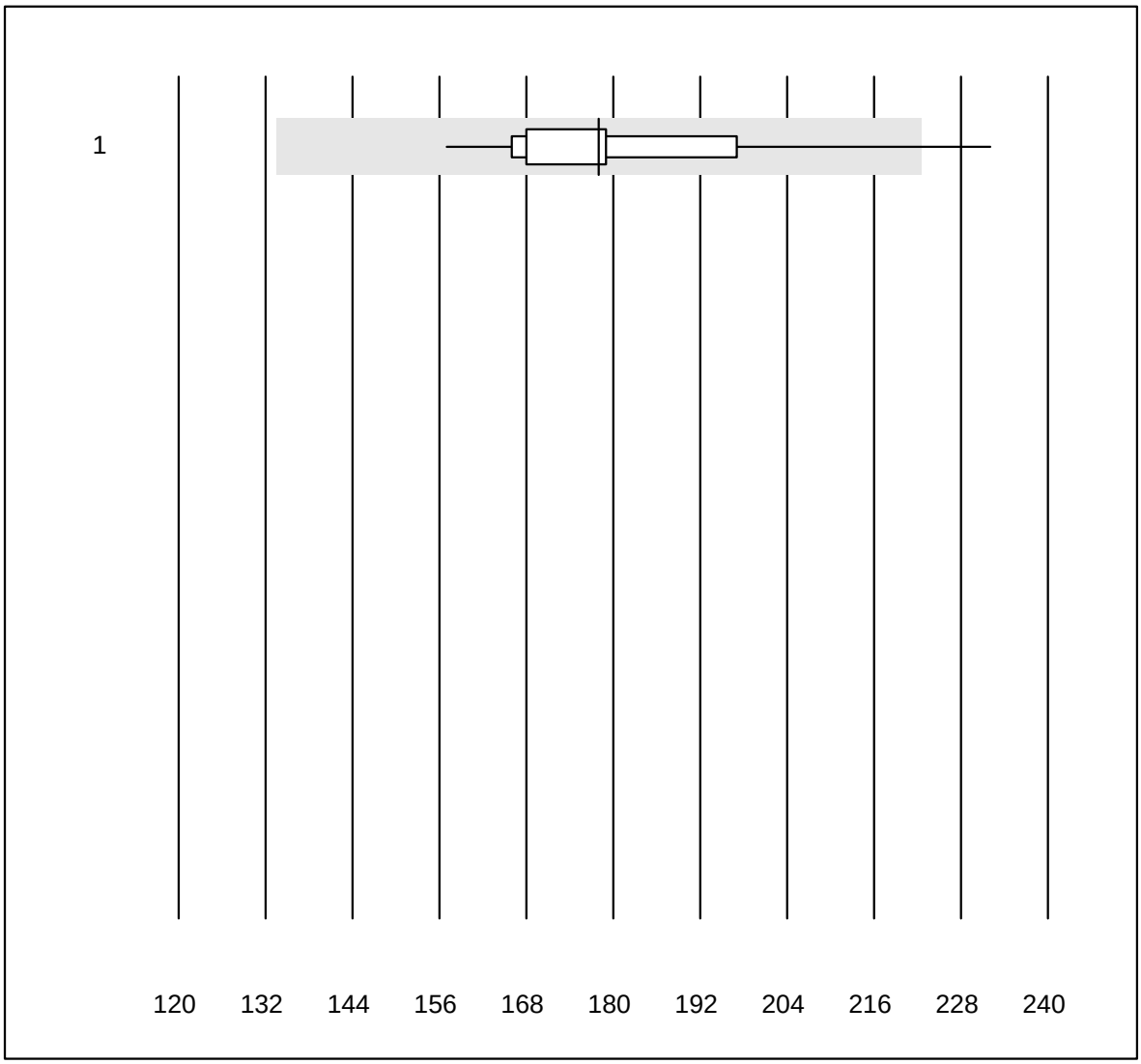


MQ tolerance : 25 %

Alpha-1-Antitrypsin (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	1.20	2.3	e

Anti-Streptolysin-Antibodies

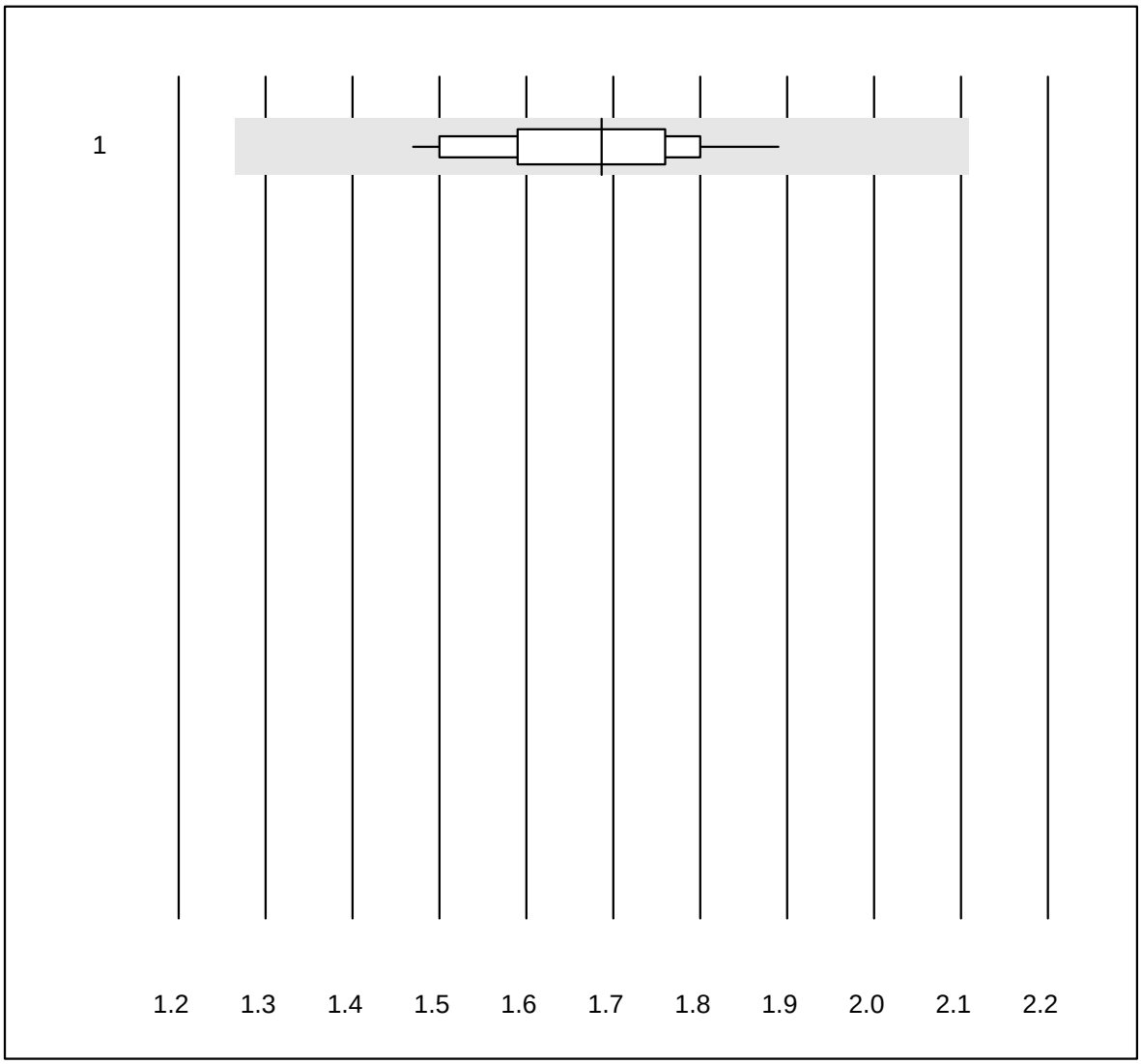


MQ tolerance : 25 %

Anti-Streptolysin-Antibodies (kIU/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	12	91.7	8.3	0.0	178	11.0	e*

Complement C3

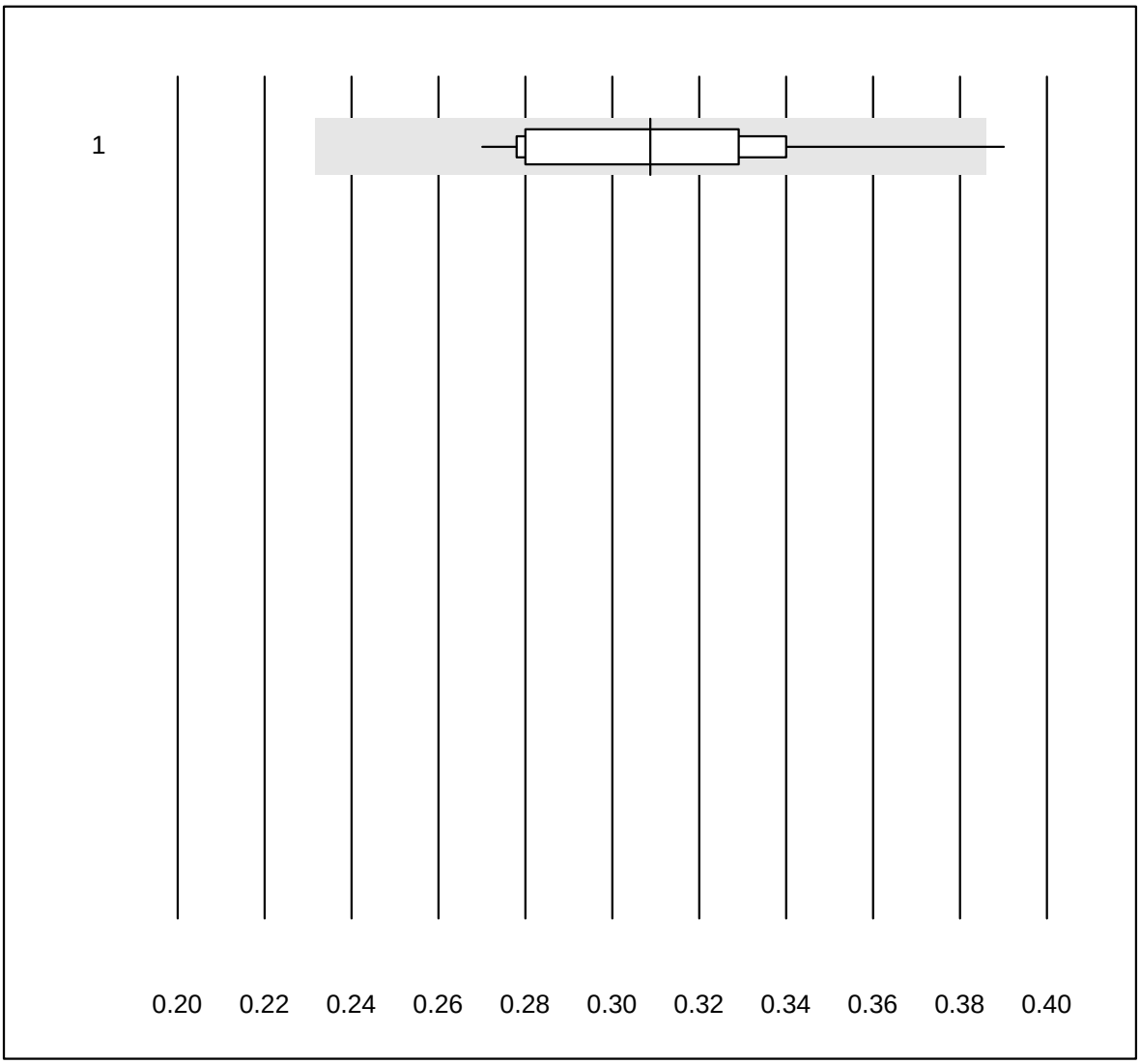


MQ tolerance : 25 %

Complement C3 (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	12	100.0	0.0	0.0	1.69	7.4	e

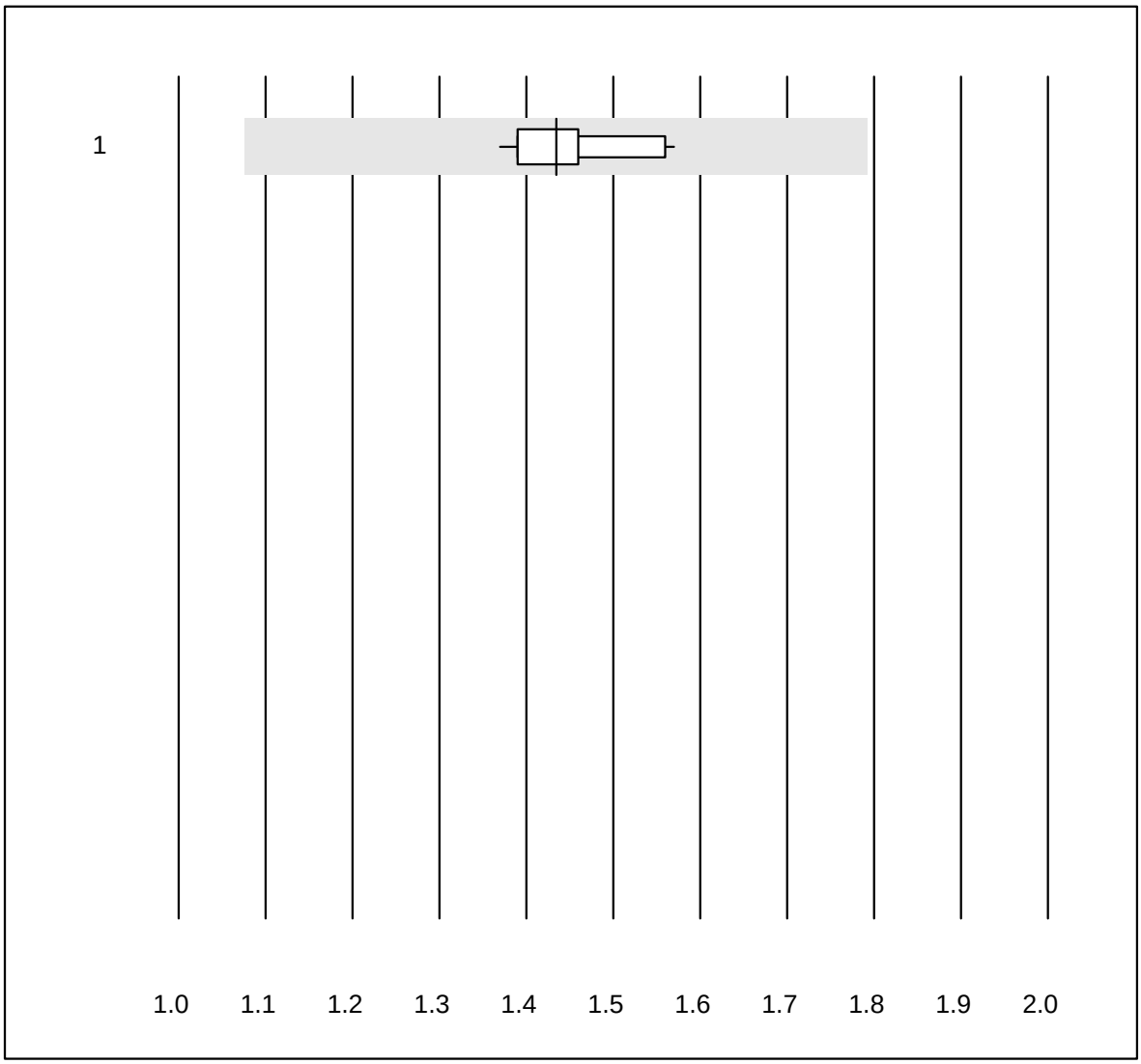
Complement C4



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	11	90.9	9.1	0.0	0.31	11.3	e*

Haptoglobin

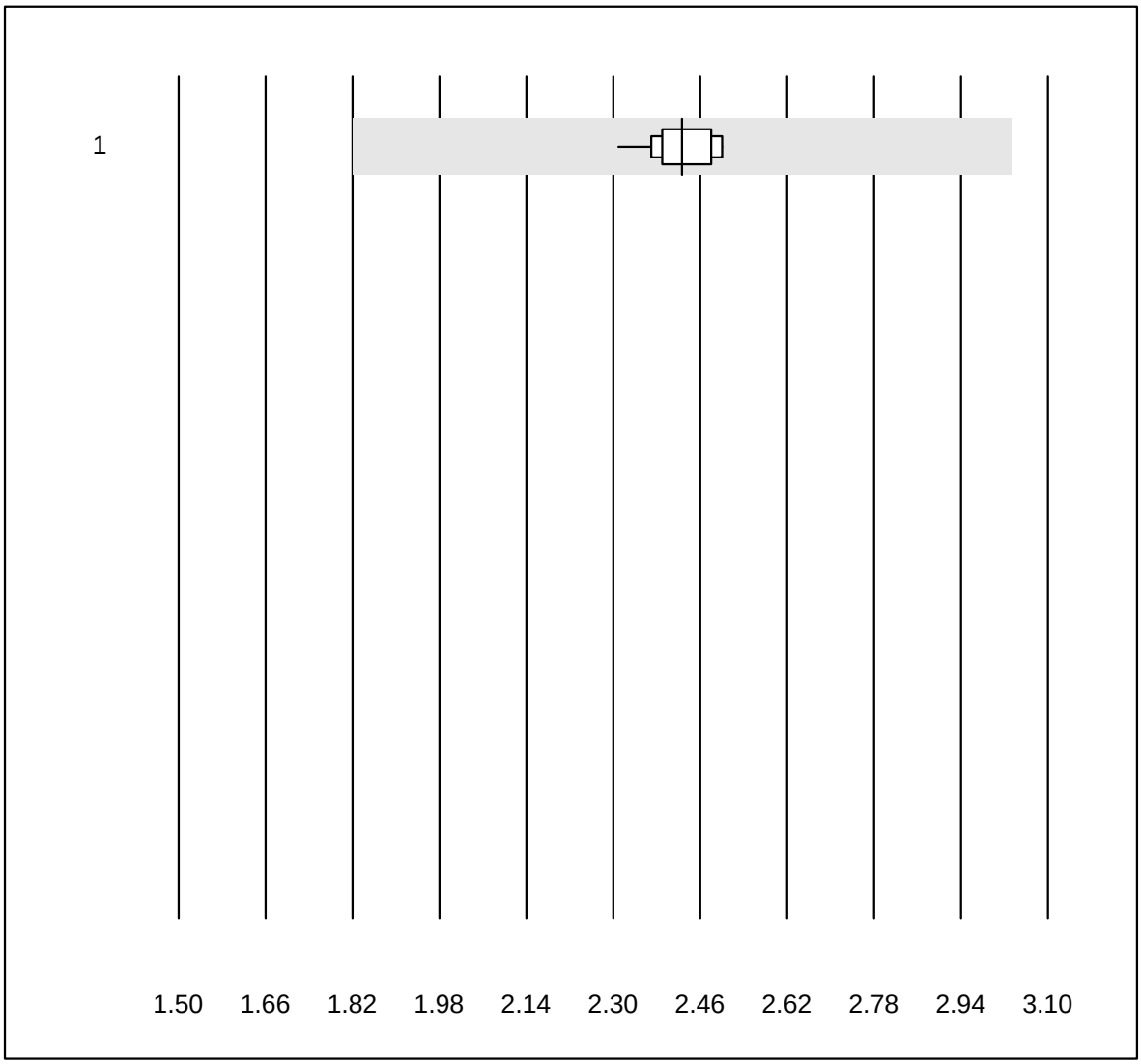


MQ tolerance : 25 %

Haptoglobin (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	15	100.0	0.0	0.0	1.43	4.3	e

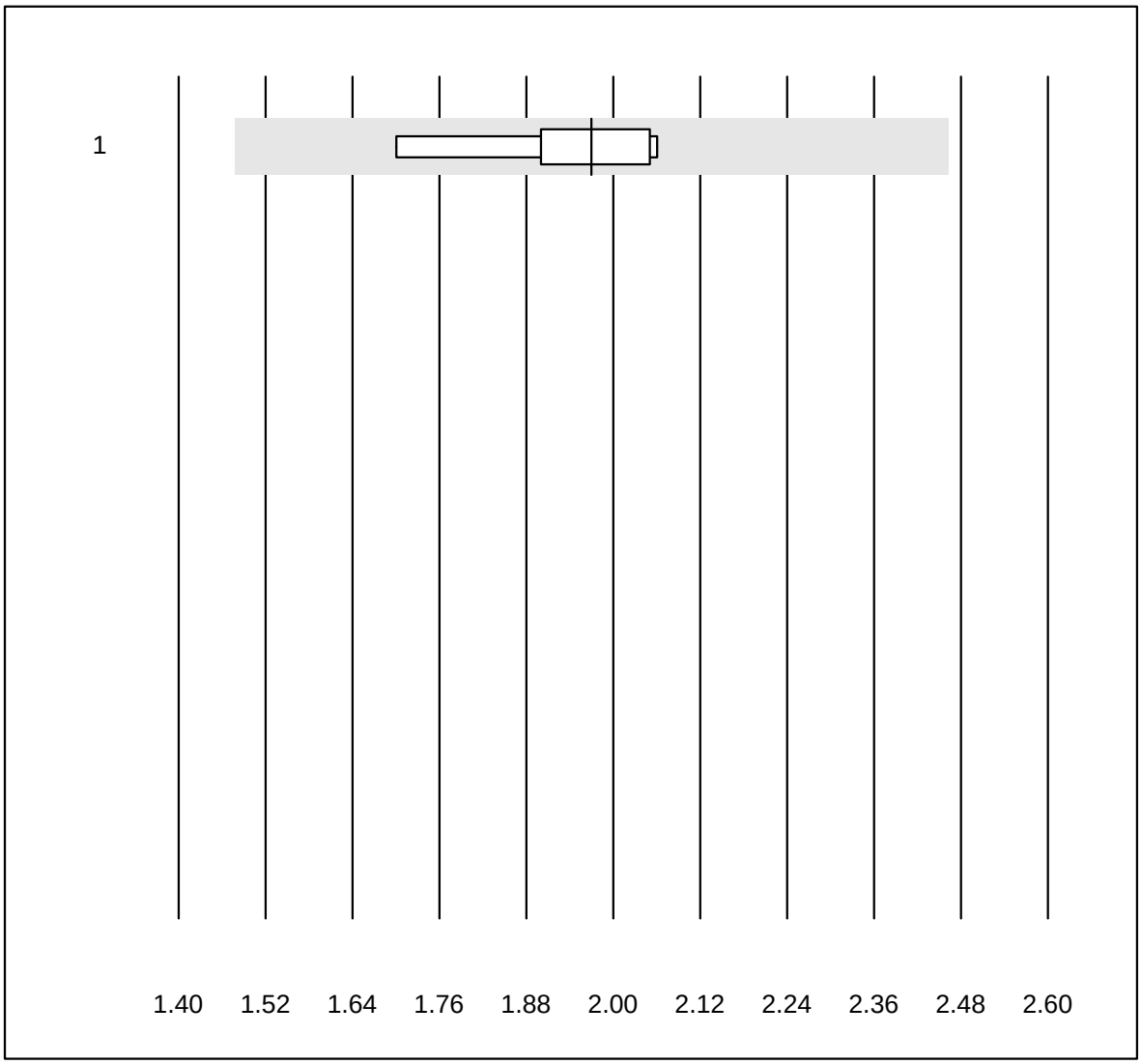
Transferrin



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	21	100.0	0.0	0.0	2.43	2.4	e

Beta-2-Mikroglobulin

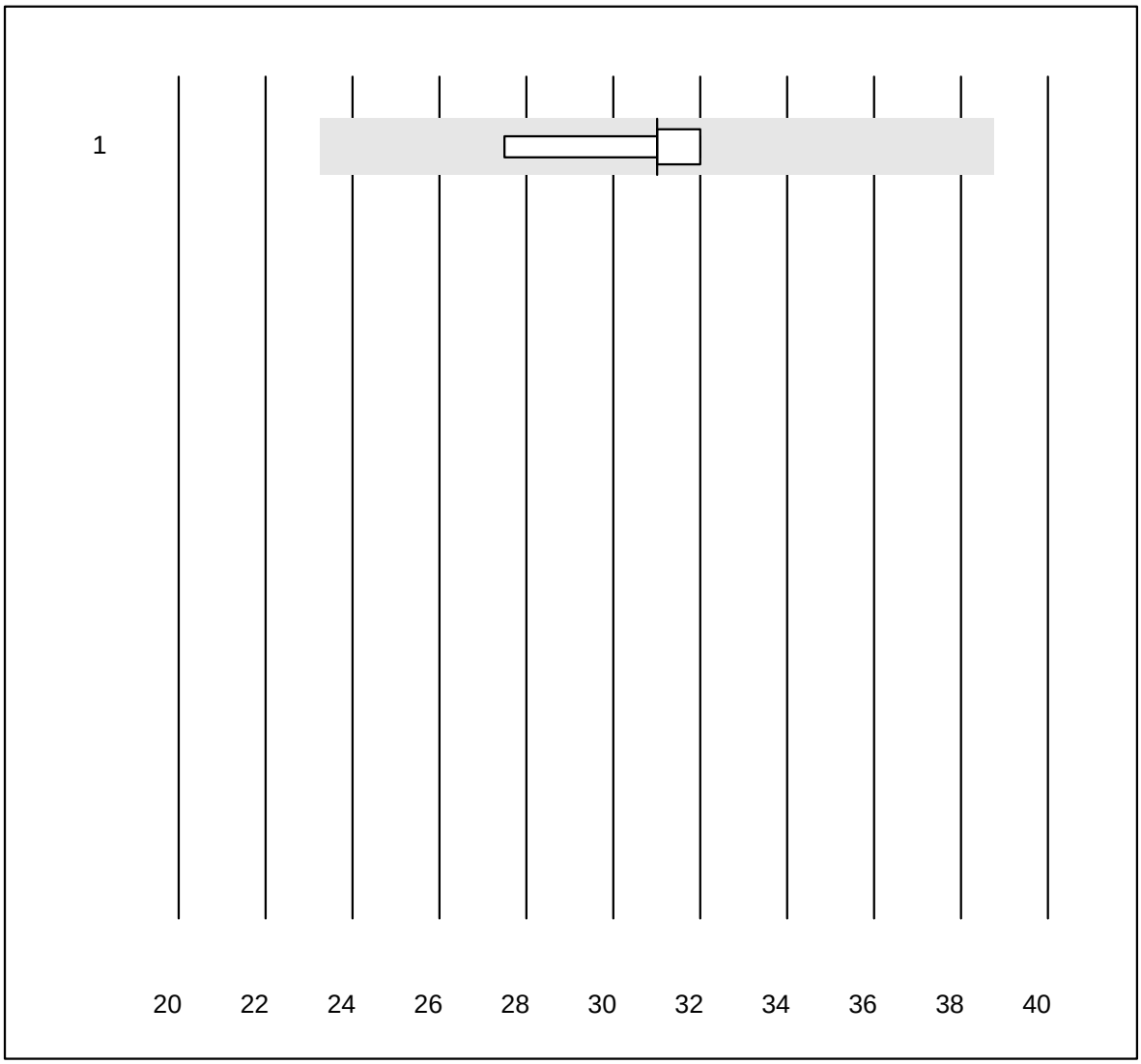


MQ tolerance : 25 %

Beta-2-Mikroglobulin (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	100.0	0.0	0.0	1.97	6.9	e

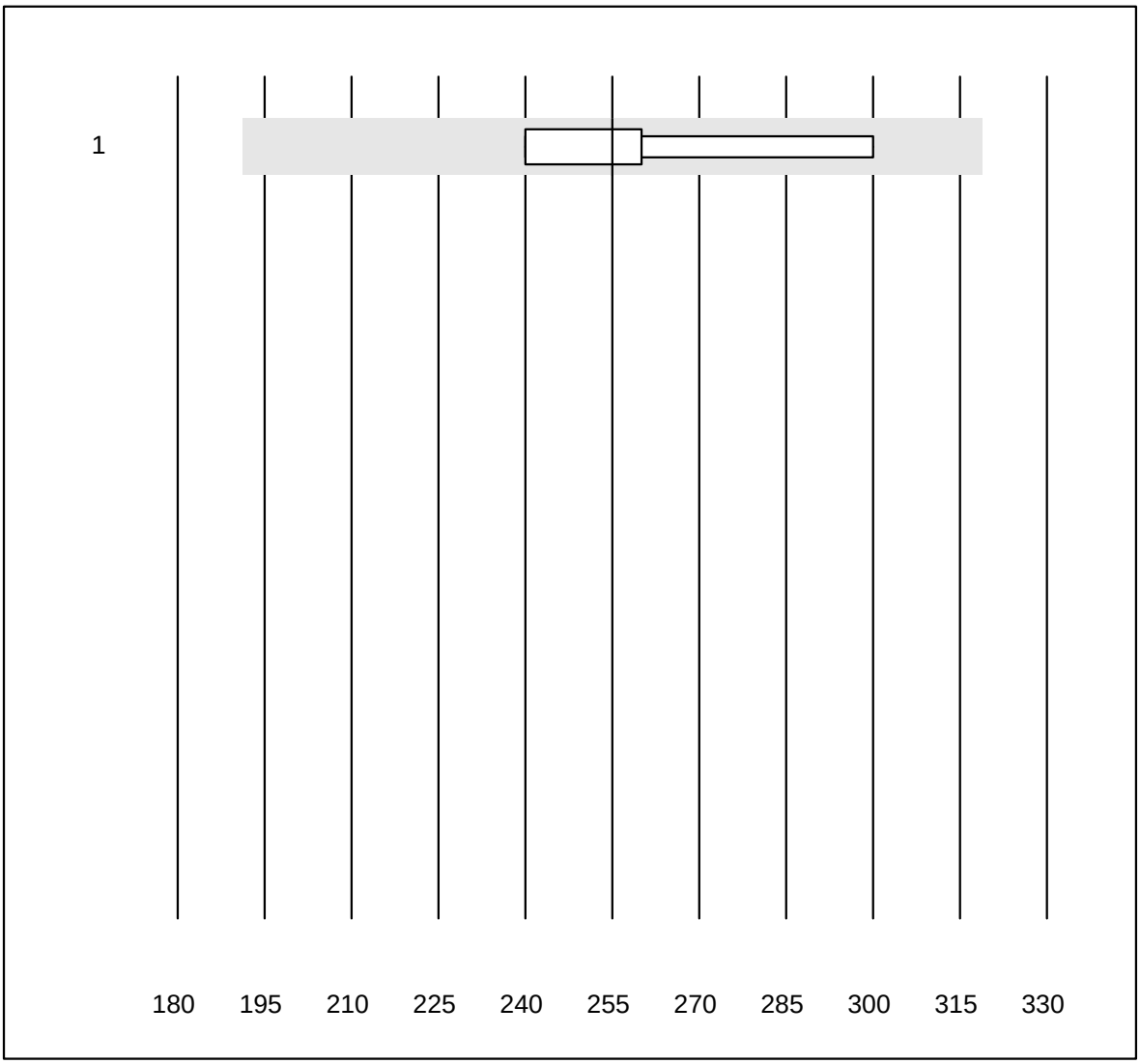
Rheumatoid factor



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	31.0	6.1	e

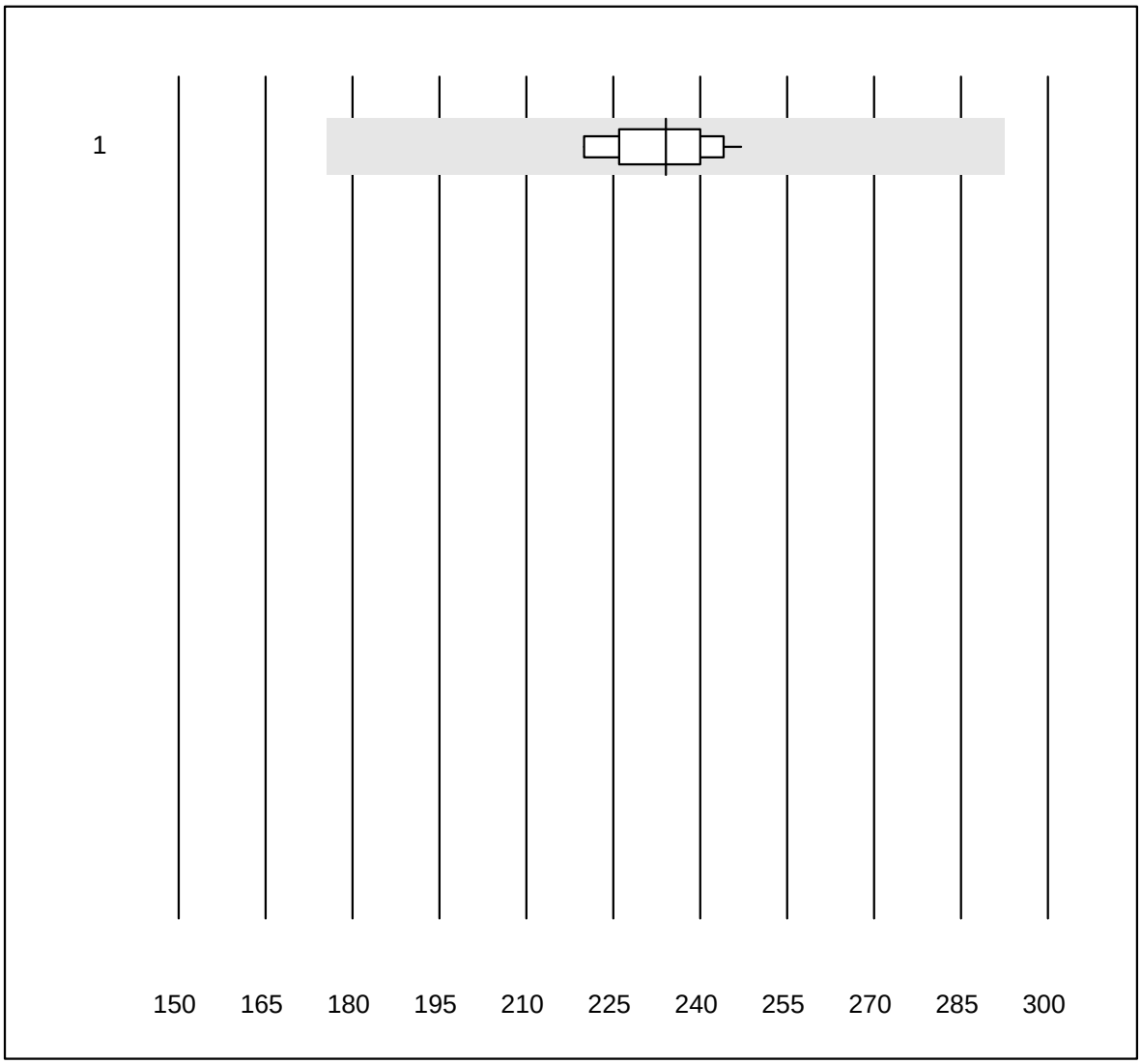
Ceruloplasmin



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	4	100.0	0.0	0.0	255.0	10.0	e*

Präalbumin

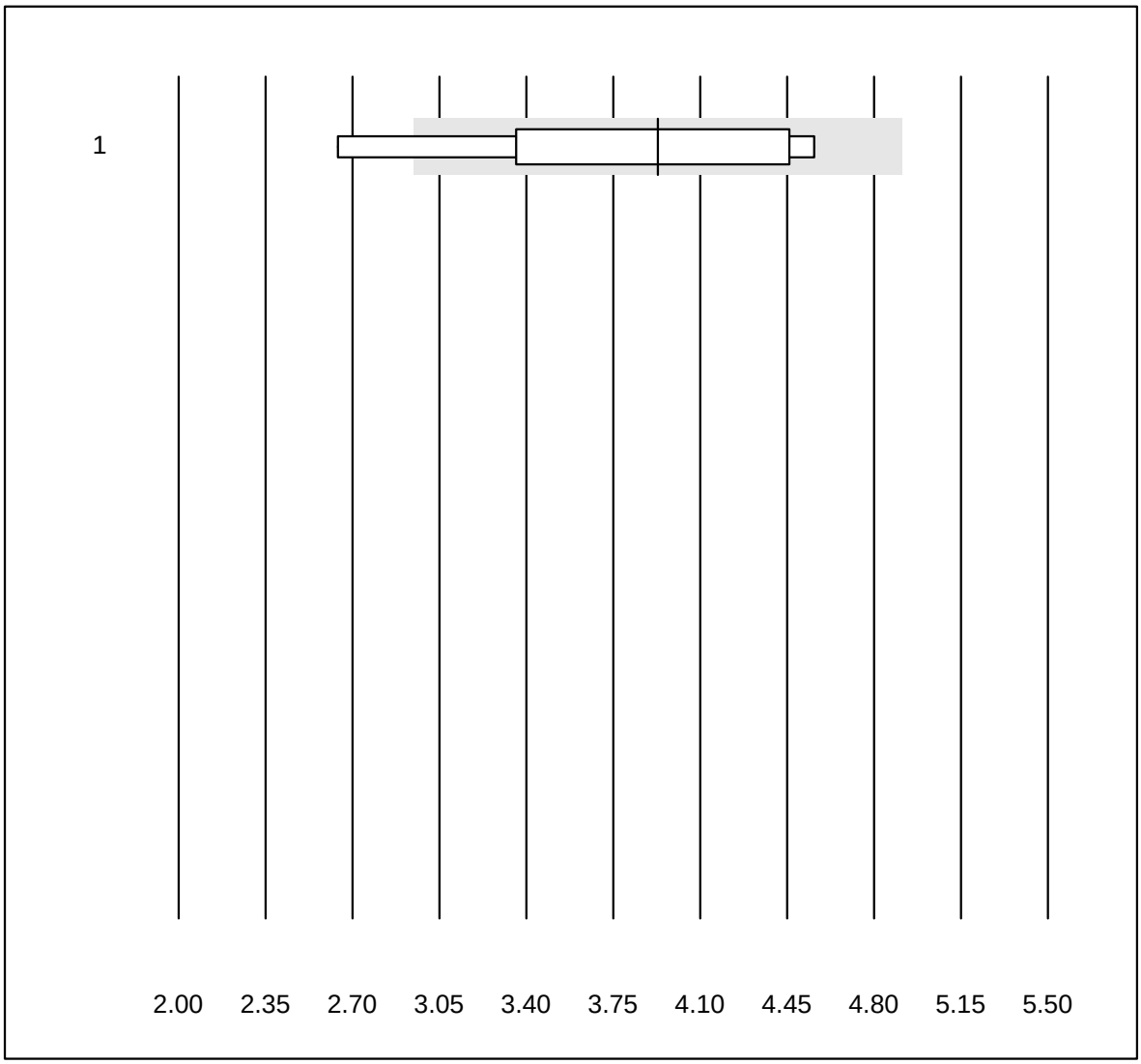


MQ tolerance : 25 %

Präalbumin (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	10	100.0	0.0	0.0	234.1	3.7	e

Soluble transferrin receptor

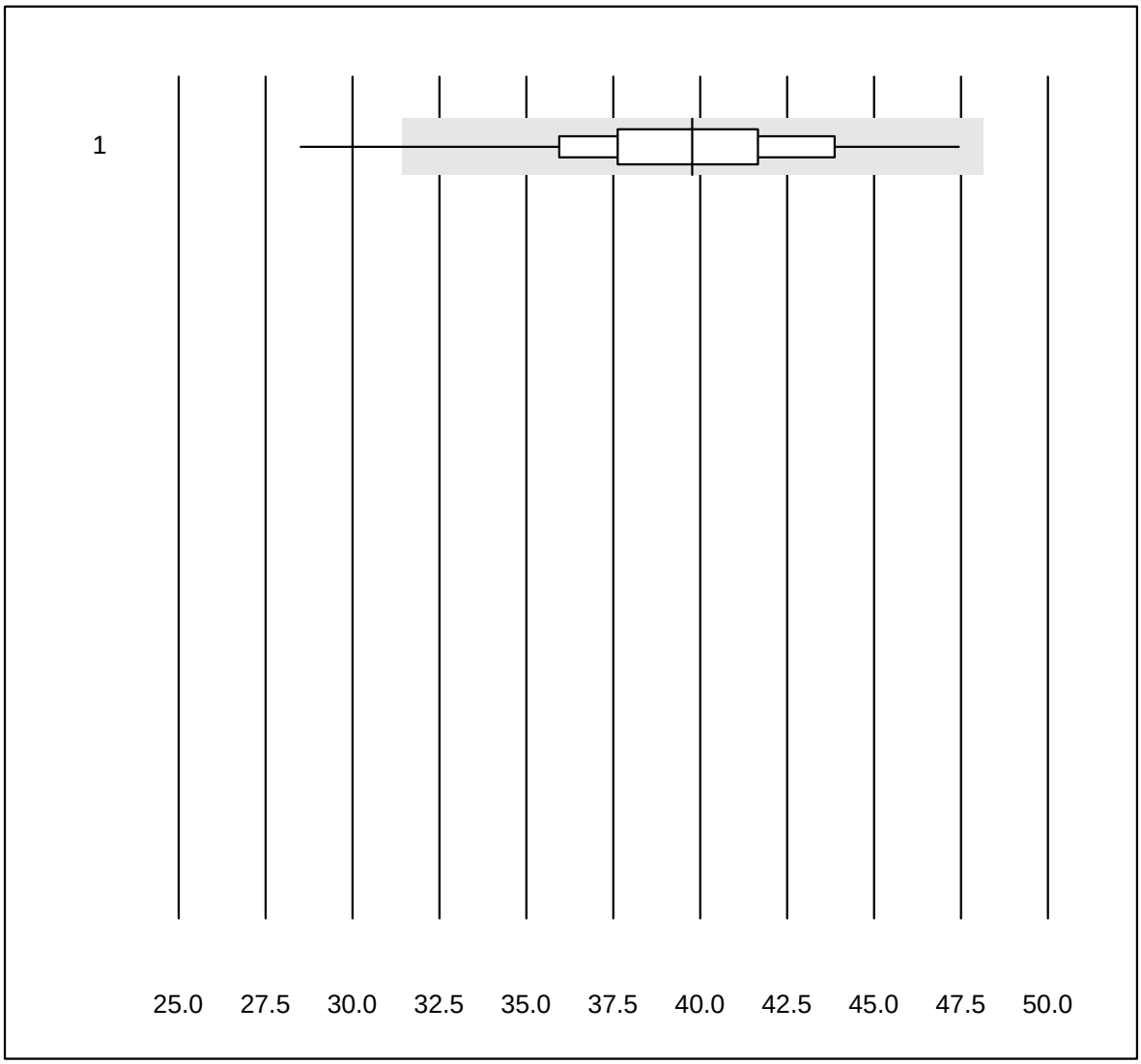


MQ tolerance : 25 %

Soluble transferrin receptor (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	83.3	16.7	0.0	3.9	19.0	e*

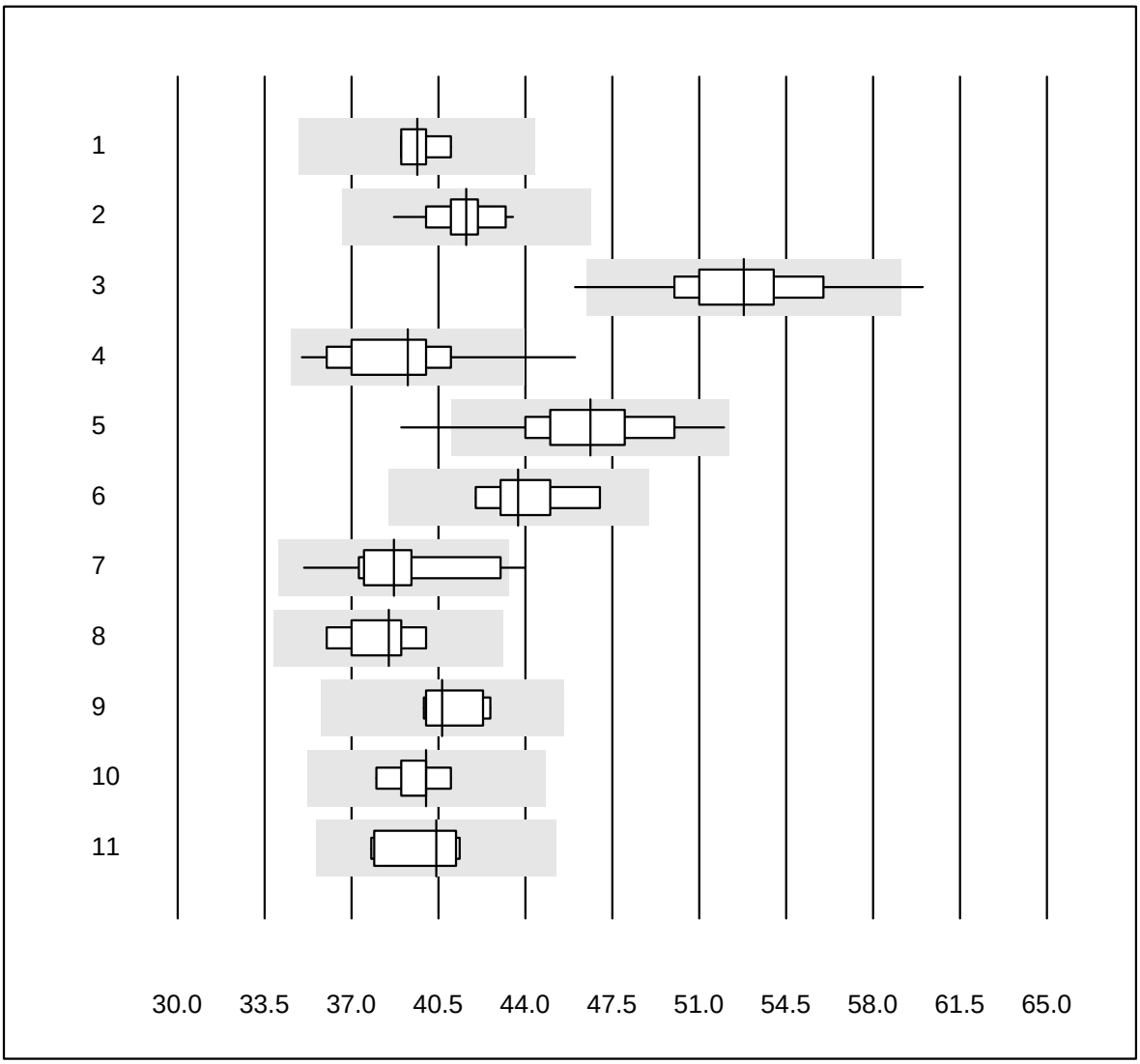
CRP



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AFIAS	54	90.7	1.9	7.4	39.8	8.9	e

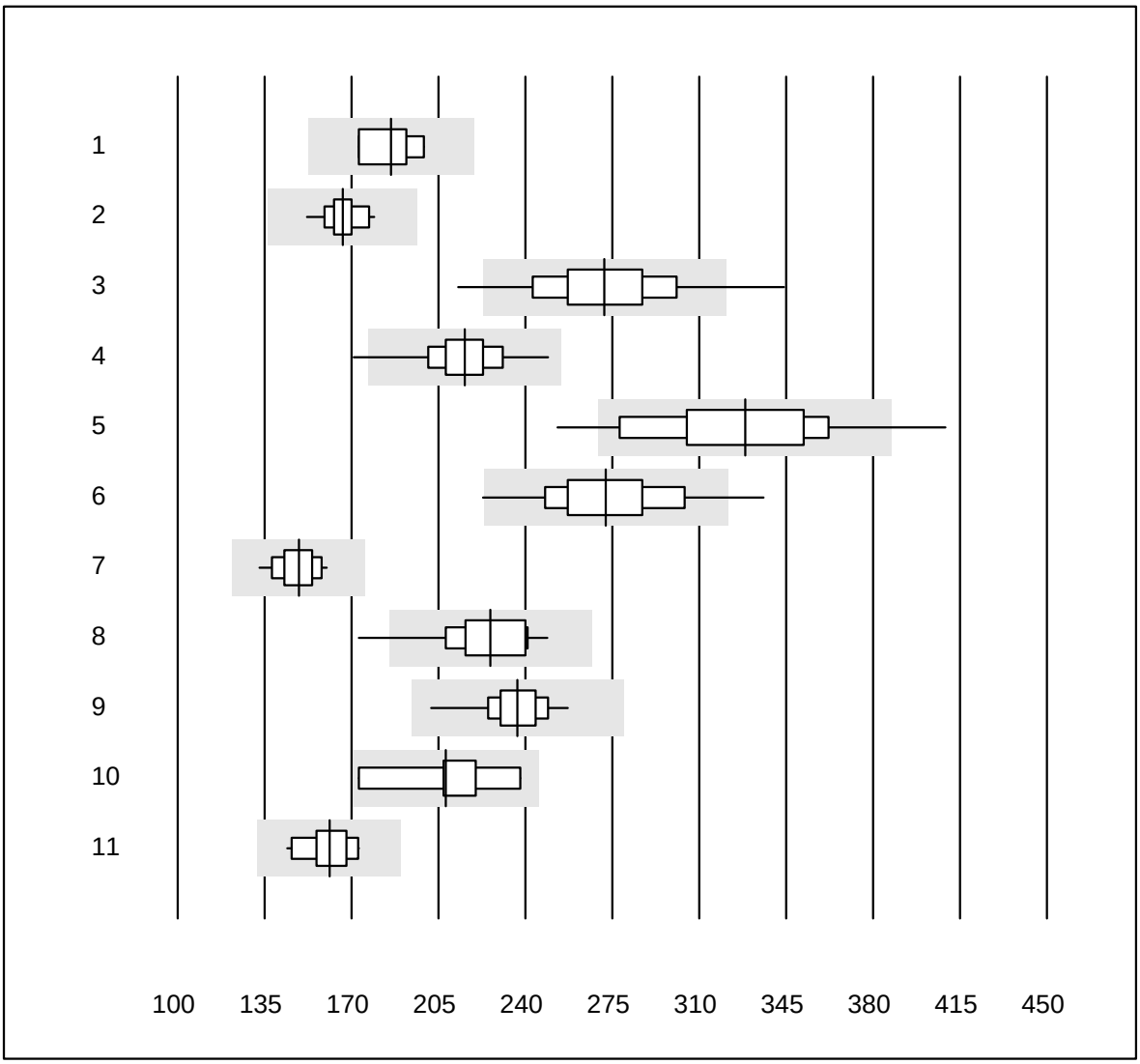
Albumine



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	6	100.0	0.0	0.0	40	2.0	e
2	Cobas	15	100.0	0.0	0.0	42	2.9	e
3	Fuji Dri-Chem	214	96.2	1.9	1.9	53	4.7	e
4	Spotchem/Ready	31	90.3	6.5	3.2	39	6.5	e
5	Spotchem D-Concept	127	94.5	3.9	1.6	47	5.5	e
6	Piccolo	45	95.6	0.0	4.4	44	3.7	e
7	Beckmann	14	92.9	7.1	0.0	39	6.0	e*
8	Skyla	6	100.0	0.0	0.0	39	3.9	e*
9	Abx Mira	6	100.0	0.0	0.0	41	3.0	e
10	Hitachi S40/M40	9	100.0	0.0	0.0	40	2.7	e
11	Autolyser/DiaSys	7	100.0	0.0	0.0	40	3.8	e

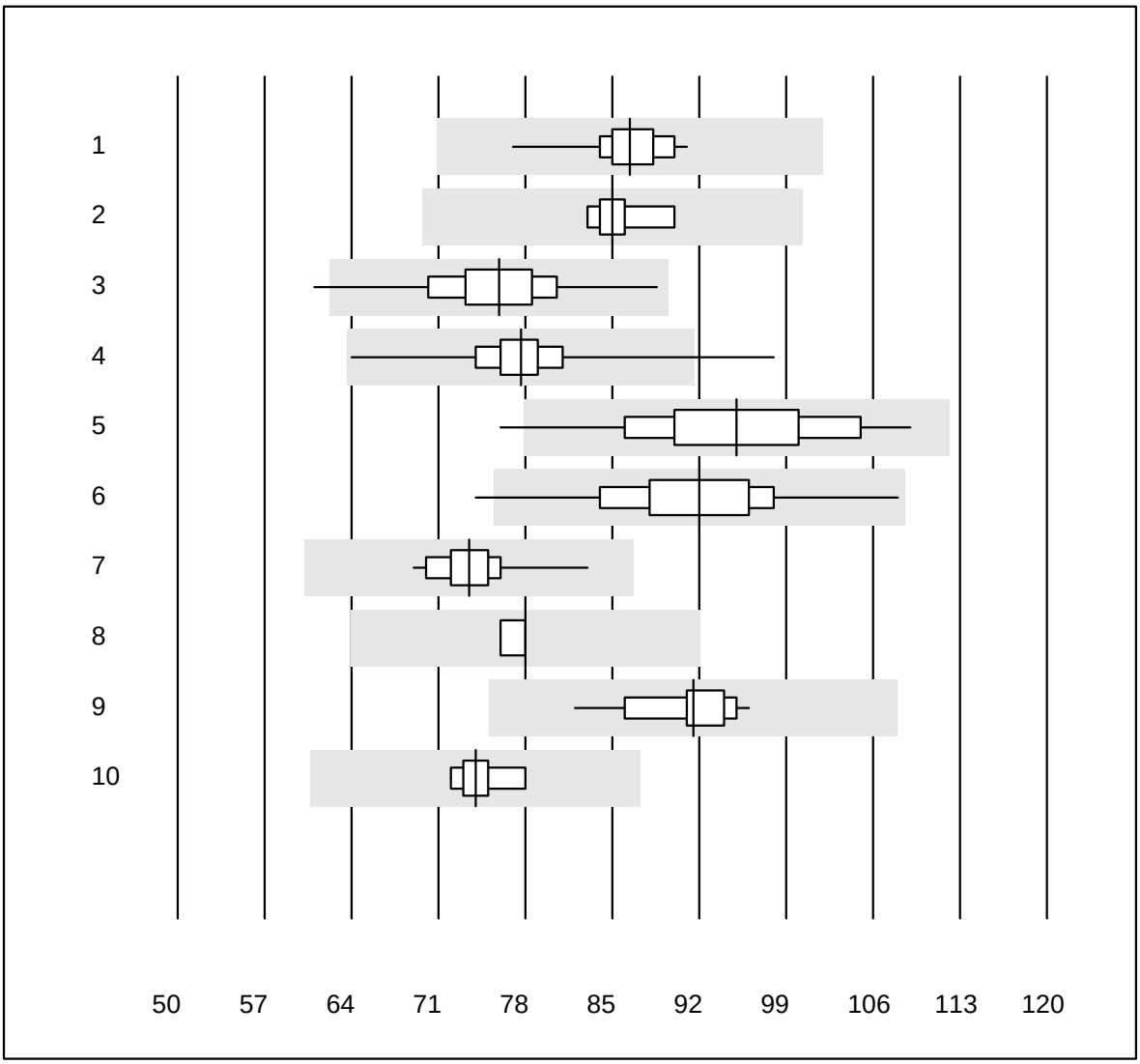
Alkaline phosphatase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	4	100.0	0.0	0.0	186	6.3	e*
2	Cobas	17	100.0	0.0	0.0	166	4.1	e
3	Reflotron	566	96.4	2.7	0.9	272	8.1	e
4	Fuji Dri-Chem	760	99.2	0.1	0.7	216	5.4	e
5	Spotchem/Ready	71	90.1	8.5	1.4	329	10.1	e
6	Spotchem D-Concept	232	95.7	3.4	0.9	272	8.3	e
7	Hitachi S40/M40	16	93.7	0.0	6.3	149	5.1	e
8	Beckman	19	94.7	5.3	0.0	226	7.8	e
9	Piccolo	38	97.4	0.0	2.6	237	4.4	e
10	Abx Mira	9	100.0	0.0	0.0	208	9.1	e*
11	Autolyser/DiaSys	17	100.0	0.0	0.0	161	5.7	e

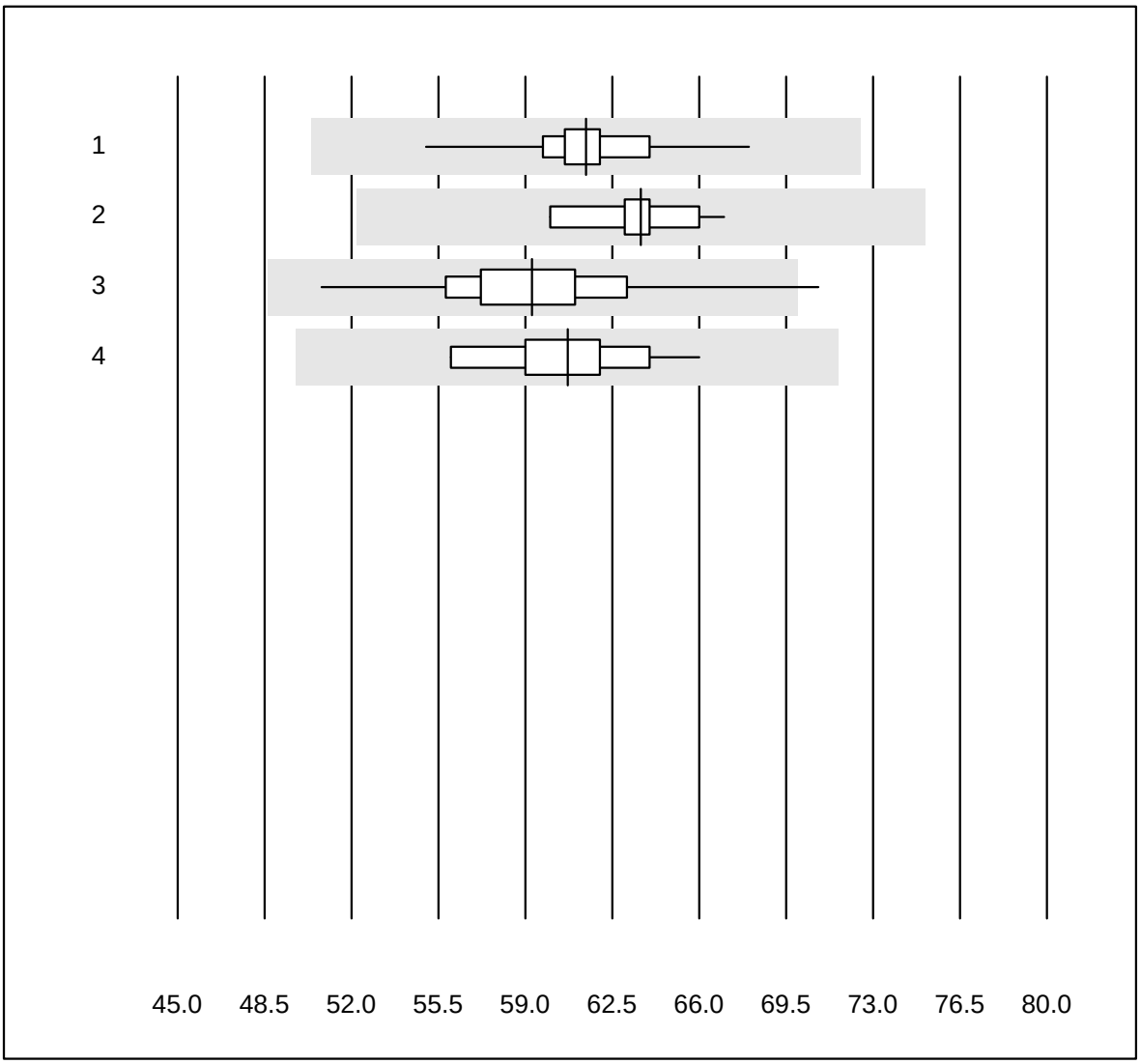
Amylase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	15	100.0	0.0	0.0	86	3.8	e
2	Cobas	5	100.0	0.0	0.0	85	3.2	e
3	Reflotron	154	99.4	0.6	0.0	76	5.4	e
4	Fuji Dri-Chem	551	99.4	0.2	0.4	78	3.7	e
5	Spotchem/Ready	48	95.8	2.1	2.1	95	7.6	e
6	Spotchem D-Concept	178	99.4	0.6	0.0	92	5.8	e
7	Piccolo	37	97.3	0.0	2.7	73	3.8	e
8	Abx Mira	4	100.0	0.0	0.0	78	1.3	e
9	Hitachi S40/M40	11	100.0	0.0	0.0	92	4.5	e
10	Autolyser/DiaSys	5	100.0	0.0	0.0	74	3.1	e

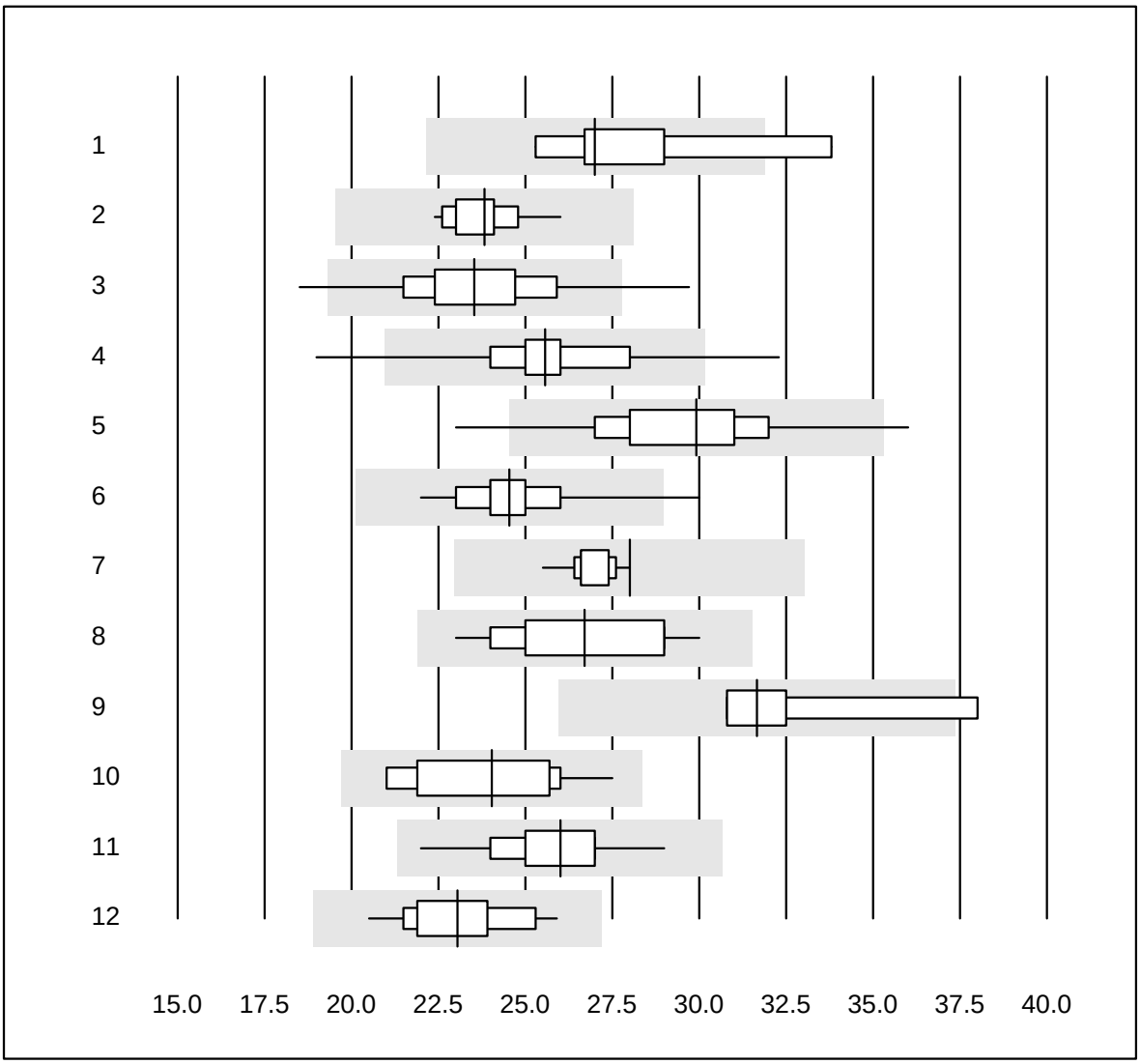
Pancreatic amylase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	21	100.0	0.0	0.0	61	4.1	e
2	Cobas	10	100.0	0.0	0.0	64	3.0	e
3	Reflotron	376	98.2	0.5	1.3	59	5.5	e
4	Autolyser/DiaSys	10	100.0	0.0	0.0	61	4.9	e

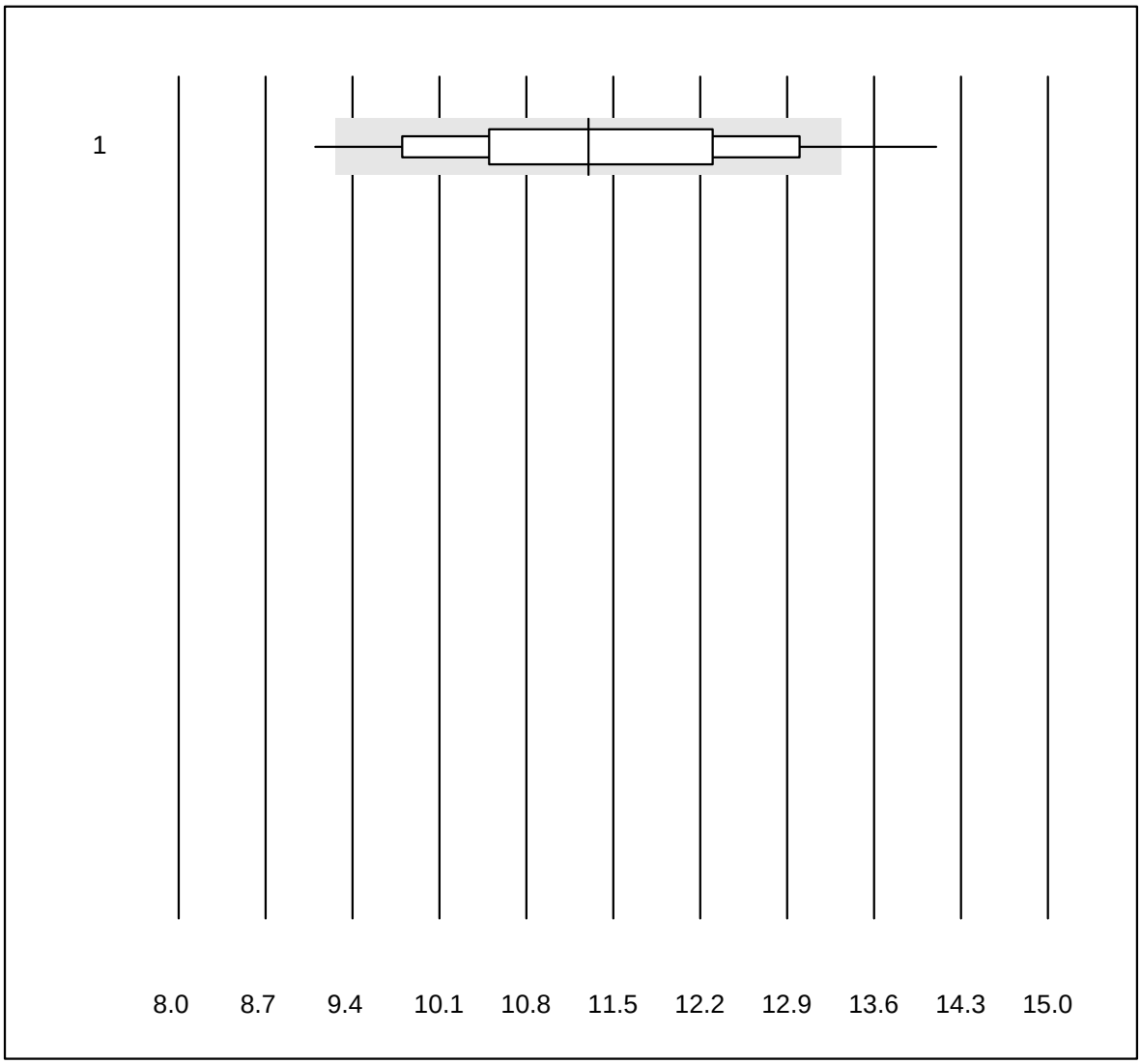
Bilirubin



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	7	85.7	14.3	0.0	27.0	9.9	e*
2	Cobas	16	100.0	0.0	0.0	23.8	4.0	e
3	Reflotron	408	96.0	1.5	2.5	23.5	7.4	e
4	Fuji Dri-Chem	601	98.0	0.7	1.3	25.6	6.2	e
5	Spotchem/Ready	63	95.2	4.8	0.0	29.9	7.8	e
6	Spotchem D-Concept	188	97.8	1.1	1.1	24.5	5.3	e
7	Beckman	14	100.0	0.0	0.0	28.0	2.3	e
8	Piccolo	43	97.7	0.0	2.3	26.7	8.3	e
9	Skyla	4	75.0	25.0	0.0	31.7	10.3	e*
10	Abx Mira	10	100.0	0.0	0.0	24.0	9.0	e*
11	Hitachi S40/M40	12	100.0	0.0	0.0	26.0	6.8	e
12	Autolyser/DiaSys	15	100.0	0.0	0.0	23.0	6.6	e

Bilirubin direct

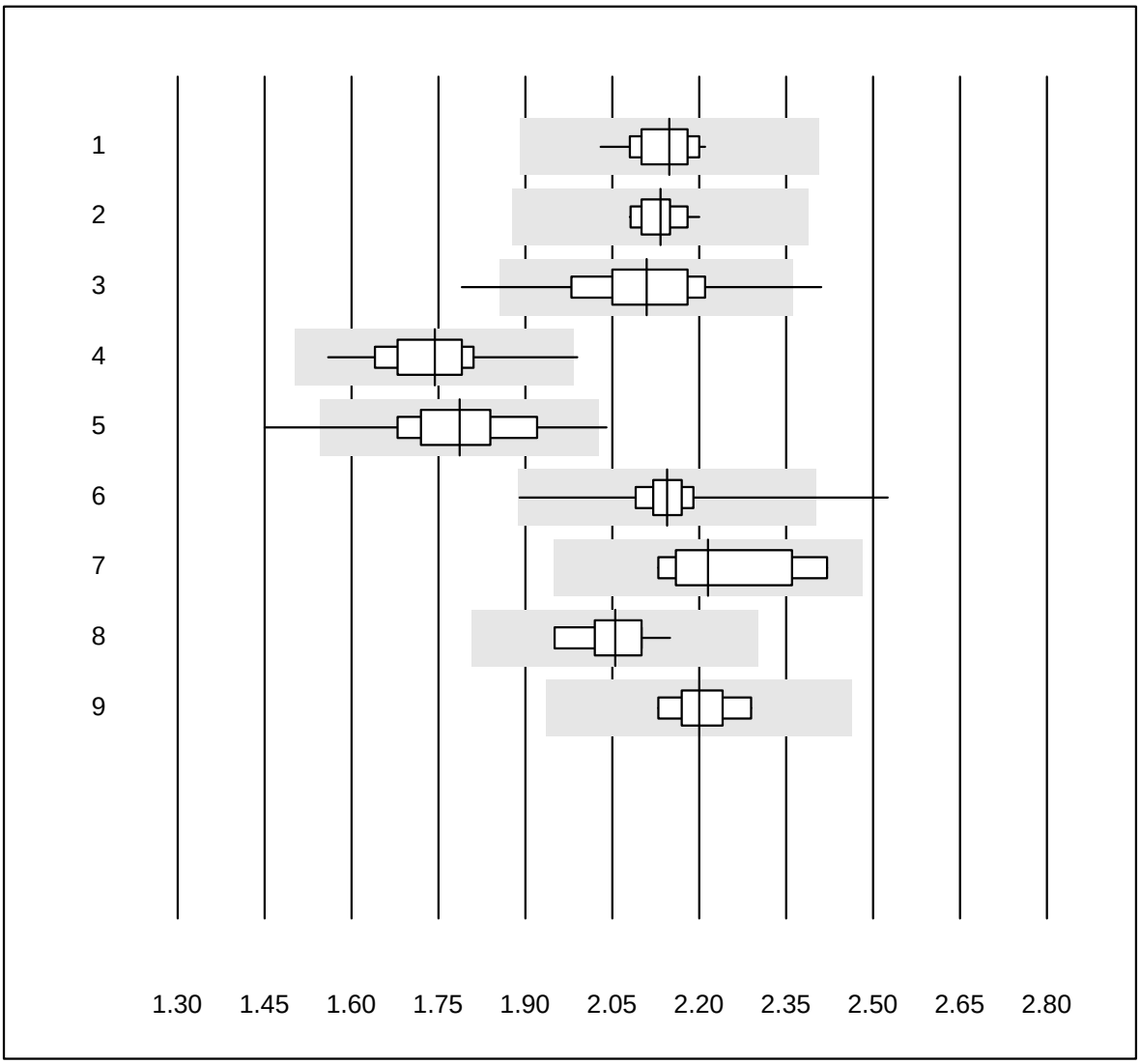


MQ tolerance : 18 %

Bilirubin direct (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Fuji Dri-Chem	27	74.1	7.4	18.5	11.3	11.3	e*

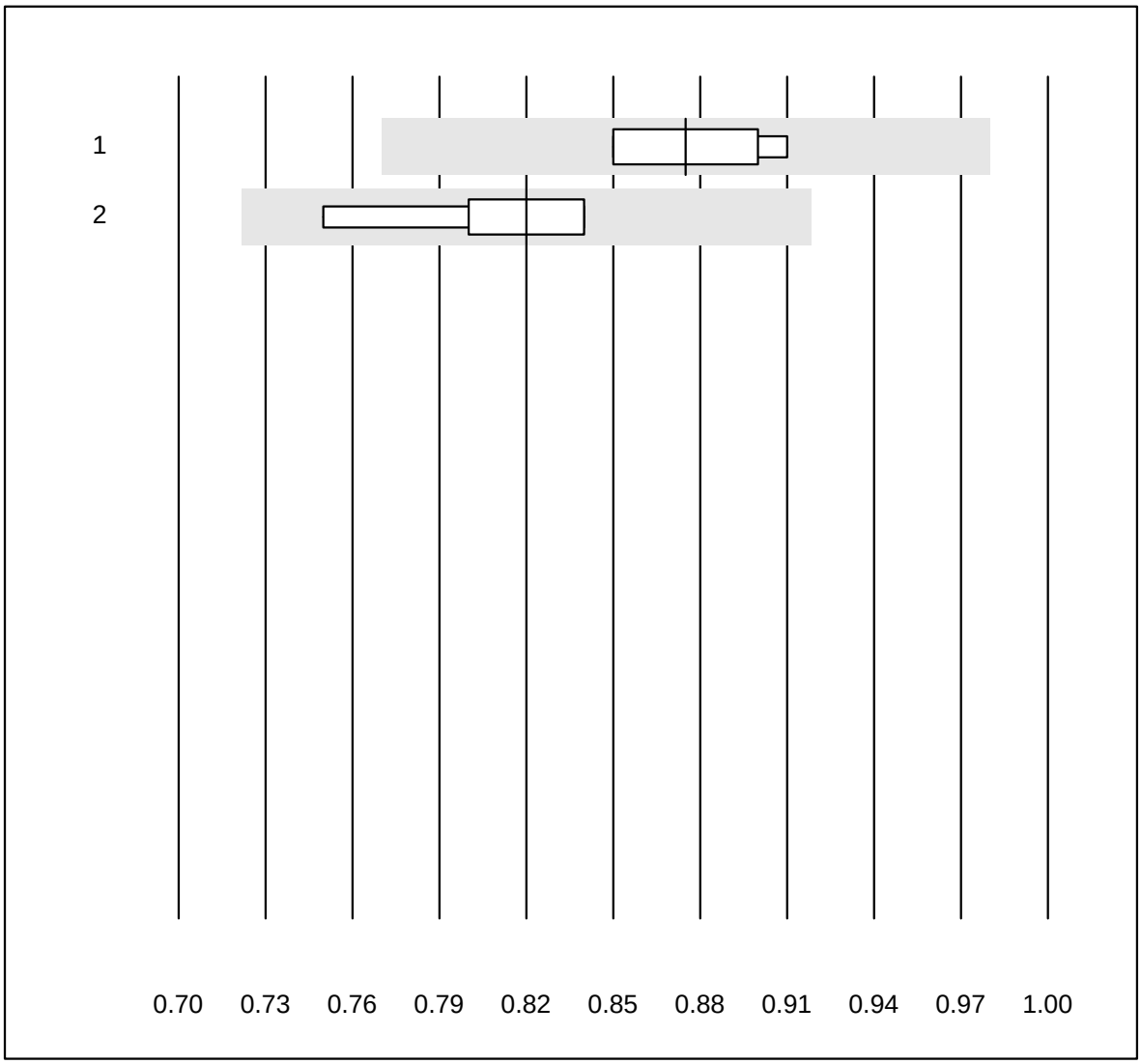
Calcium



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

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	29	100.0	0.0	0.0	2.15	2.2	e
2	Cobas	16	100.0	0.0	0.0	2.13	1.7	e
3	Fuji Dri-Chem	370	97.8	0.8	1.4	2.11	4.5	e
4	Spotchem/Ready	20	95.0	5.0	0.0	1.74	5.5	e
5	Spotchem D-Concept	89	97.8	2.2	0.0	1.79	5.4	e
6	Piccolo	41	97.6	2.4	0.0	2.14	3.8	e
7	Abx Mira	6	100.0	0.0	0.0	2.22	5.2	e*
8	Hitachi S40/M40	10	100.0	0.0	0.0	2.06	2.7	e
9	Autolyser/DiaSys	9	100.0	0.0	0.0	2.20	2.3	e

Calcium ISE

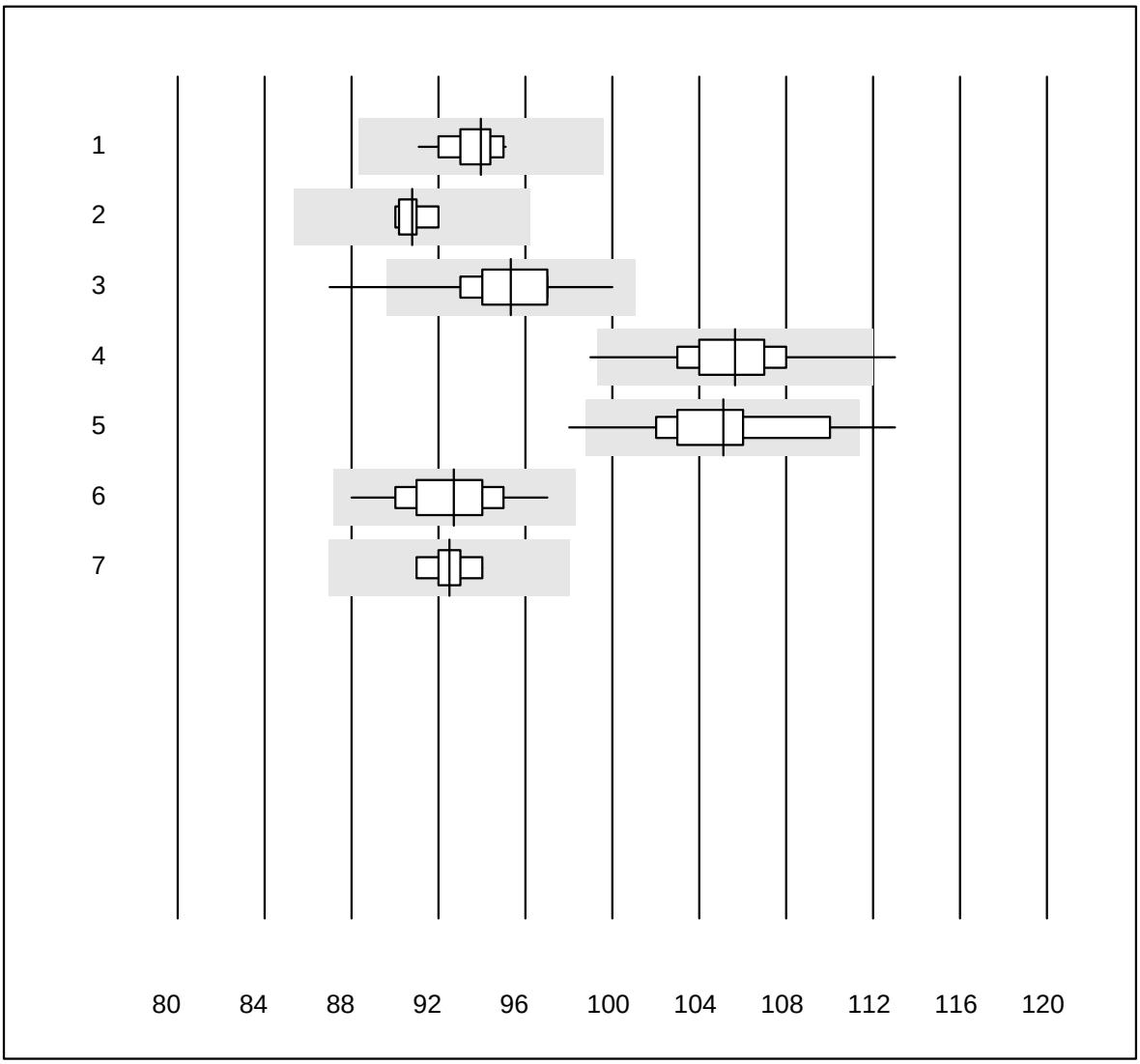


MQ tolerance : 12 %

Calcium ISE (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	4	100.0	0.0	0.0	0.88	3.6	e*
2	iStat Chem8	7	100.0	0.0	0.0	0.82	3.9	e*

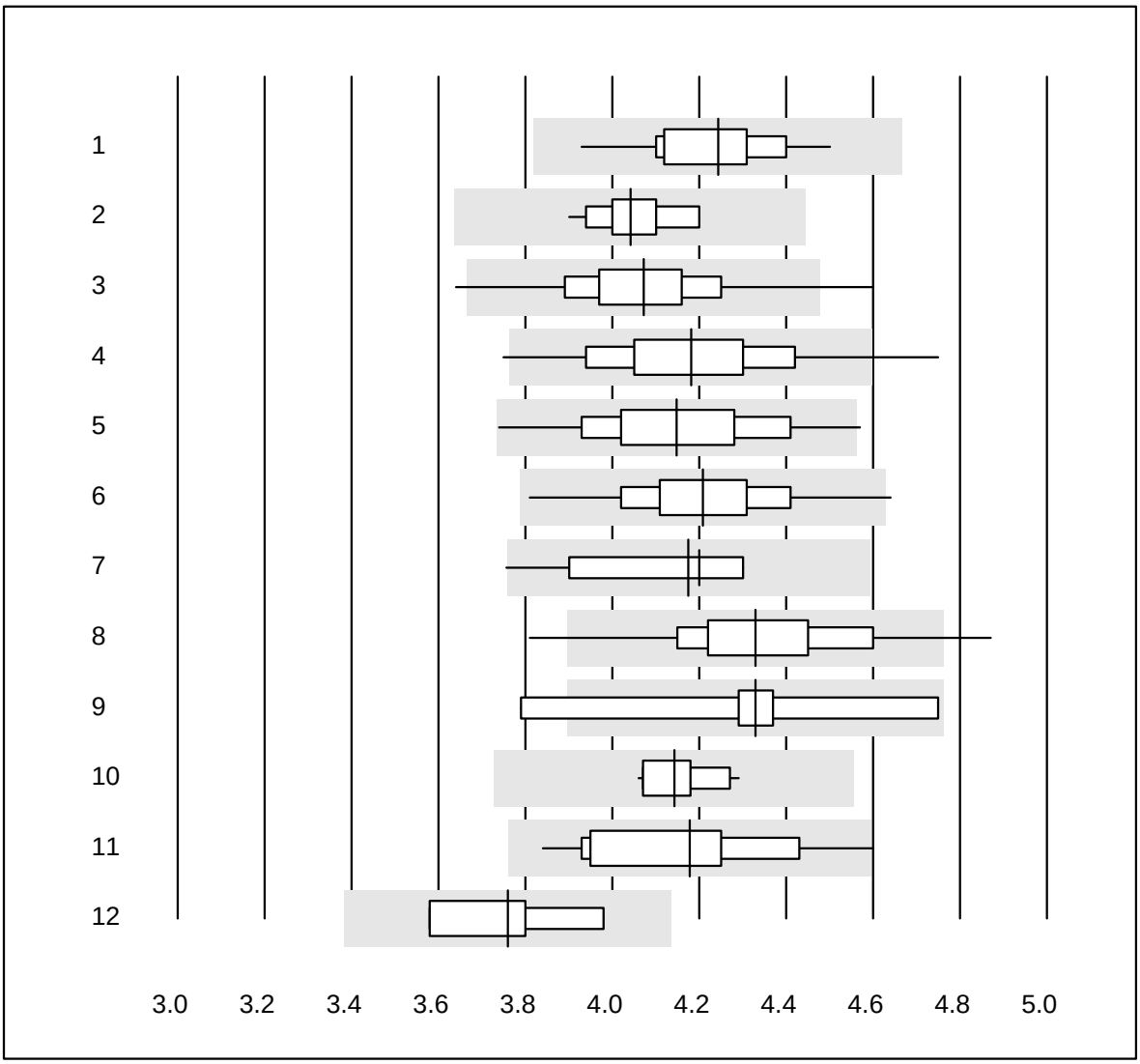
Chloride



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	27	100.0	0.0	0.0	94	1.1	e
2	Cobas	7	100.0	0.0	0.0	91	0.7	e
3	Fuji Dri-Chem	703	97.7	1.3	1.0	95	2.0	e
4	Spotchem D-Concept	208	97.2	1.4	1.4	106	2.2	e
5	Spotchem EL-SE 1520	88	92.0	5.7	2.3	105	2.9	e
6	Piccolo	19	94.7	0.0	5.3	93	2.3	e
7	iStat Chem8	6	100.0	0.0	0.0	93	1.1	e

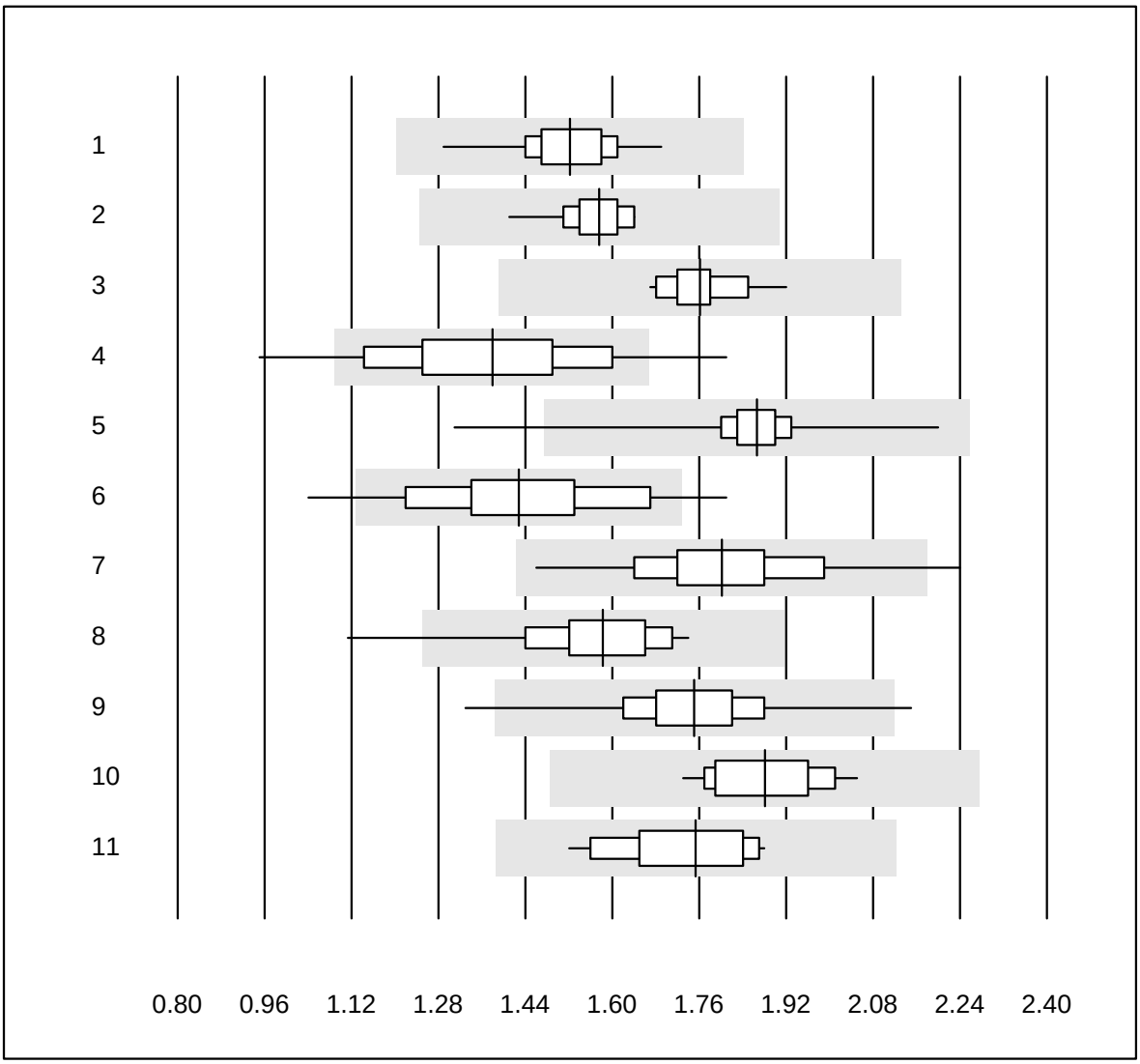
Cholesterol total



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	26	100.0	0.0	0.0	4.24	3.3	e
2	Cobas	17	100.0	0.0	0.0	4.04	2.3	e
3	Reflotron	551	98.4	1.1	0.5	4.07	3.4	e
4	Fuji Dri-Chem	761	97.3	1.4	1.3	4.18	4.3	e
5	Spotchem/Ready	98	95.9	1.0	3.1	4.15	4.6	e
6	Spotchem D-Concept	236	98.8	0.8	0.4	4.21	3.8	e
7	Piccolo	20	90.0	5.0	5.0	4.18	3.2	e
8	Cholestech LDX	145	94.4	2.8	2.8	4.33	4.2	e
9	Abx Mira	9	88.9	11.1	0.0	4.33	6.6	e*
10	Hitachi S40/M40	15	100.0	0.0	0.0	4.14	1.9	e
11	Autolyser/DiaSys	16	93.7	6.3	0.0	4.18	4.7	e
12	Other methods	4	100.0	0.0	0.0	3.76	4.4	e*

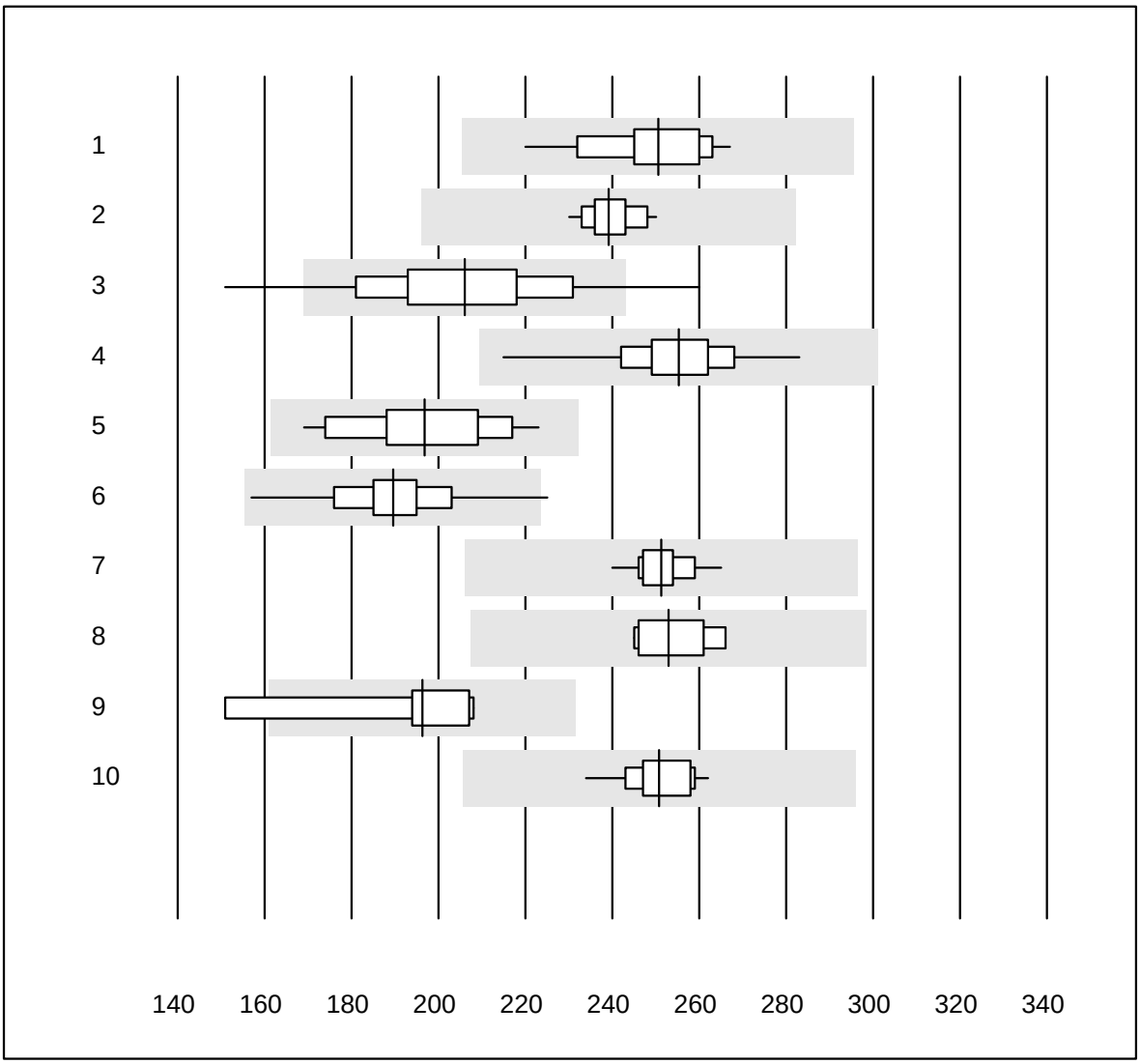
Cholesterin HDL



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Pentra/Selectra	13	100.0	0.0	0.0	1.52	6.4	e
2	Wet chemistry, direc	16	100.0	0.0	0.0	1.58	3.7	e
3	Cobas	16	100.0	0.0	0.0	1.76	3.7	e
4	Reflotron	406	83.0	11.1	5.9	1.38	12.8	e
5	Fuji Dri-Chem	729	99.0	0.3	0.7	1.87	3.5	e
6	Spotchem/Ready	86	87.2	9.3	3.5	1.43	11.7	e
7	Spotchem D-Concept	231	98.3	0.4	1.3	1.80	7.6	e
8	Piccolo	19	78.9	5.3	15.8	1.58	9.4	e
9	Cholestech LDX	144	97.9	2.1	0.0	1.75	7.0	e
10	Hitachi S40/M40	14	100.0	0.0	0.0	1.88	5.2	e
11	Autolyser/DiaSys	16	100.0	0.0	0.0	1.75	6.3	e

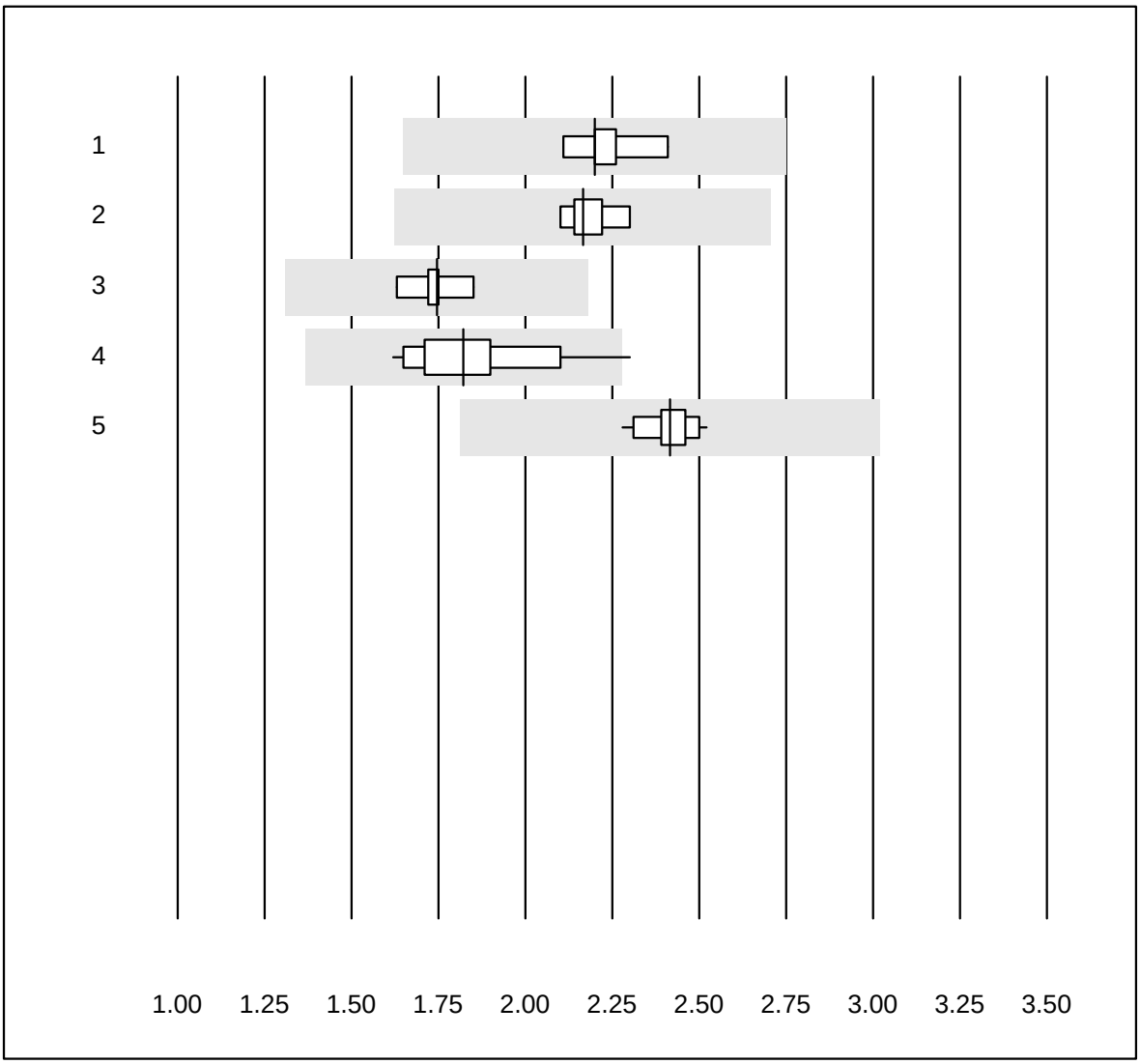
Creatine kinase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	28	96.4	0.0	3.6	251	4.7	e
2	Cobas	14	100.0	0.0	0.0	239	2.4	e
3	Reflotron	363	87.3	7.2	5.5	206	9.8	e
4	Fuji Dri-Chem	490	99.0	0.0	1.0	255	4.0	e
5	Spotchem/Ready	40	100.0	0.0	0.0	197	7.4	e
6	Spotchem D-Concept	150	98.6	0.7	0.7	190	5.7	e
7	Piccolo	17	100.0	0.0	0.0	251	2.2	e
8	Abx Mira	6	100.0	0.0	0.0	253	3.3	e
9	Hitachi S40/M40	8	75.0	12.5	12.5	196	10.2	e*
10	Autolyser/DiaSys	13	92.3	0.0	7.7	251	3.1	e

LDL Cholesterin

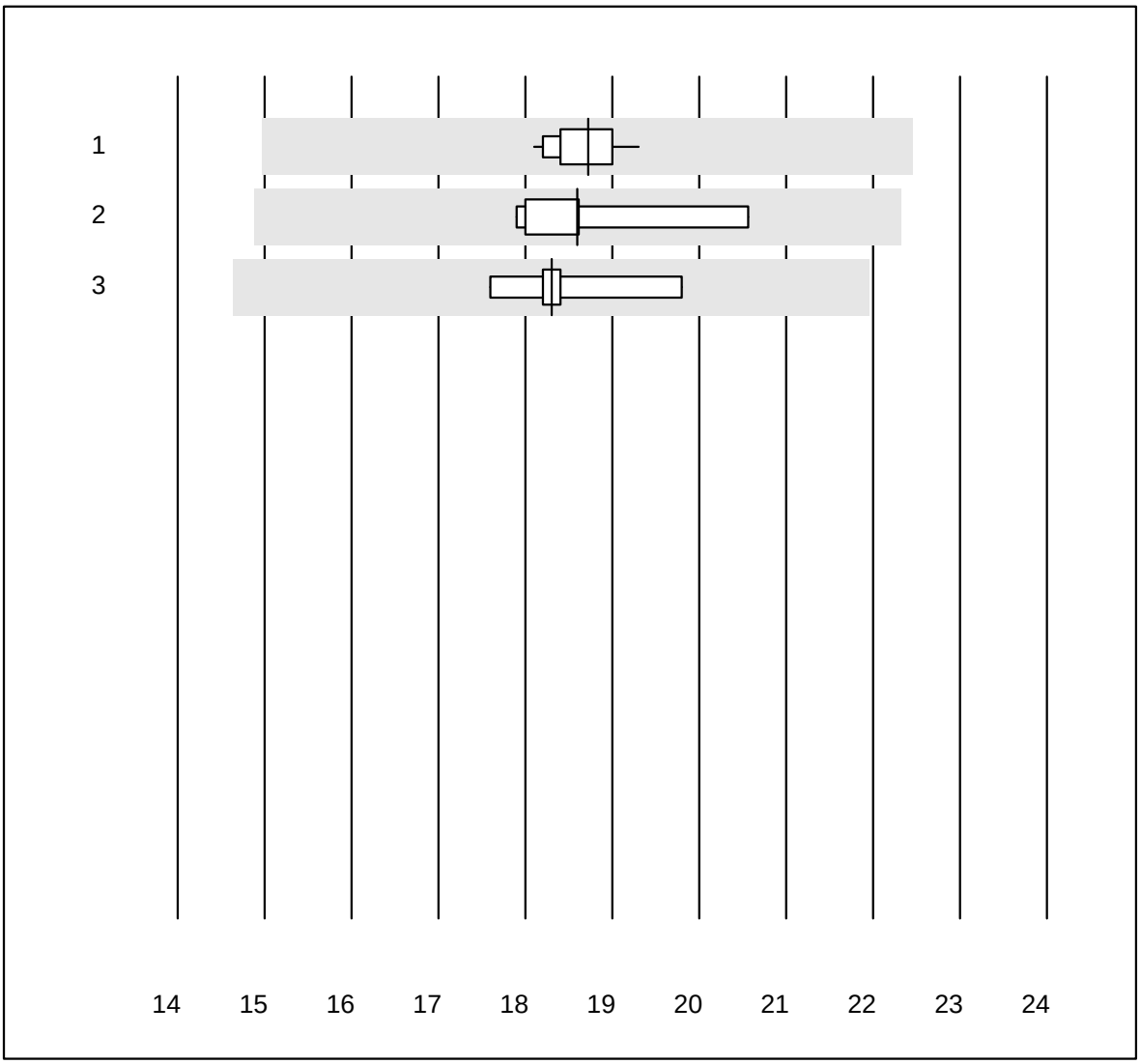


MQ tolerance : 25 %

LDL Cholesterin (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	5	100.0	0.0	0.0	2.2	5.0	e
2	Roche, Cobas	6	100.0	0.0	0.0	2.2	3.2	e
3	Hitachi S40/M40	8	100.0	0.0	0.0	1.7	3.6	e
4	Autolyser/DiaSys	13	92.3	7.7	0.0	1.8	10.8	e
5	Beckman	11	100.0	0.0	0.0	2.4	3.0	e

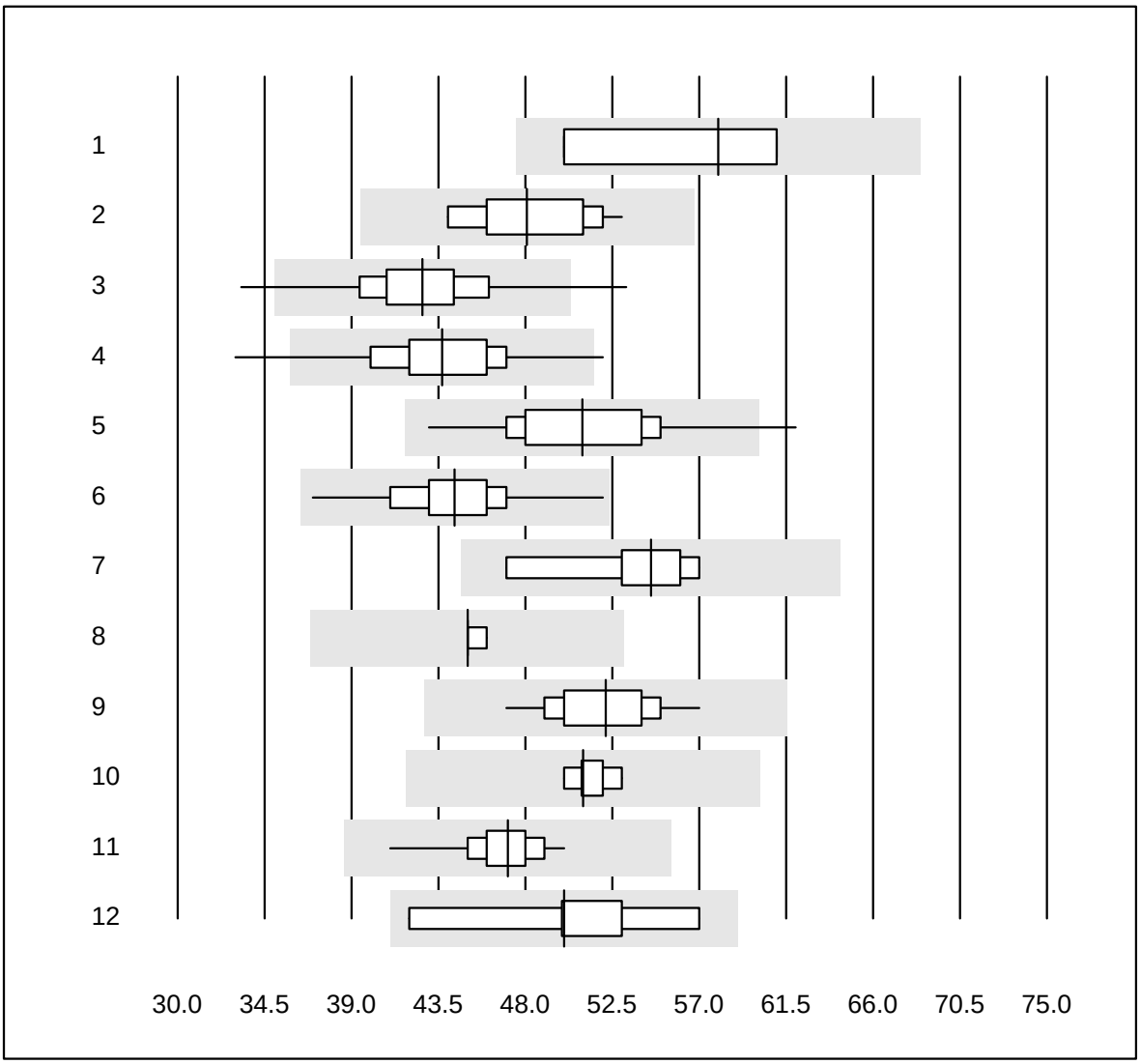
Iron



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	19	1.8	e
2	Cobas	8	100.0	0.0	0.0	19	4.5	e
3	Abx Mira	5	100.0	0.0	0.0	18	4.4	e

Gamma-glutamyltransferase

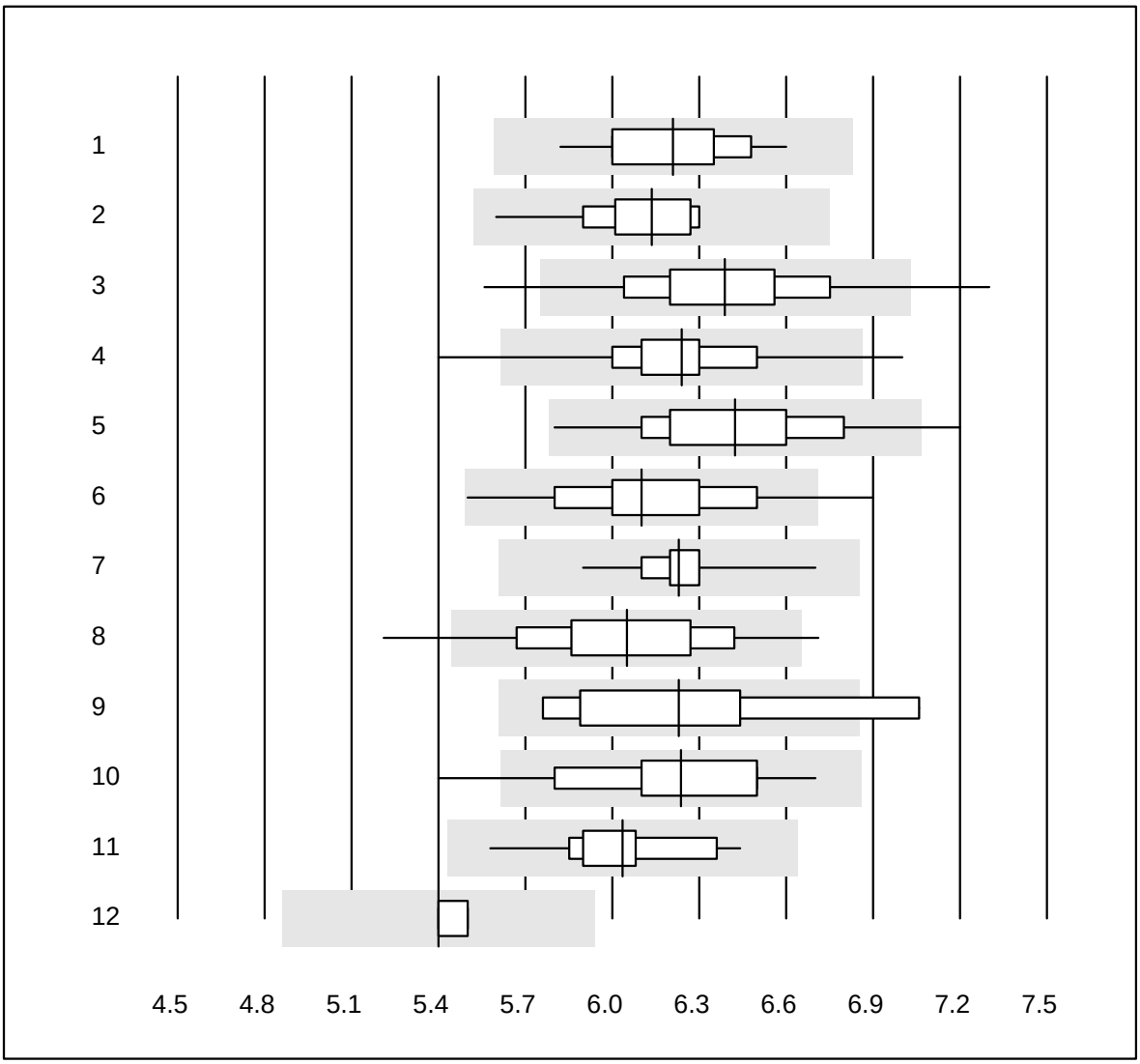


QUALAB tolerance : 18 %

Gamma-glutamyltransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	4	100.0	0.0	0.0	58	9.4	e*
2	Cobas	17	100.0	0.0	0.0	48	6.3	e
3	Reflotron	727	97.1	1.4	1.5	43	6.4	e
4	Fuji Dri-Chem	838	98.0	0.7	1.3	44	6.3	e
5	Spotchem/Ready	105	97.1	1.0	1.9	51	7.2	e
6	Spotchem D-Concept	258	99.2	0.0	0.8	44	5.7	e
7	Selectra/Biolis	6	100.0	0.0	0.0	55	6.6	e*
8	Architect	4	100.0	0.0	0.0	45	1.1	e
9	Dimension	13	100.0	0.0	0.0	52	5.5	e
10	IFCC Beckmann	7	100.0	0.0	0.0	51	1.9	e
11	Piccolo	35	94.3	0.0	5.7	47	3.7	e
12	Abx Mira	5	100.0	0.0	0.0	50	10.9	e*
13	Hitachi S40/M40	16	93.7	0.0	6.3	59	4.2	e
14	Autolyser/DiaSys	17	94.1	0.0	5.9	53	3.6	e

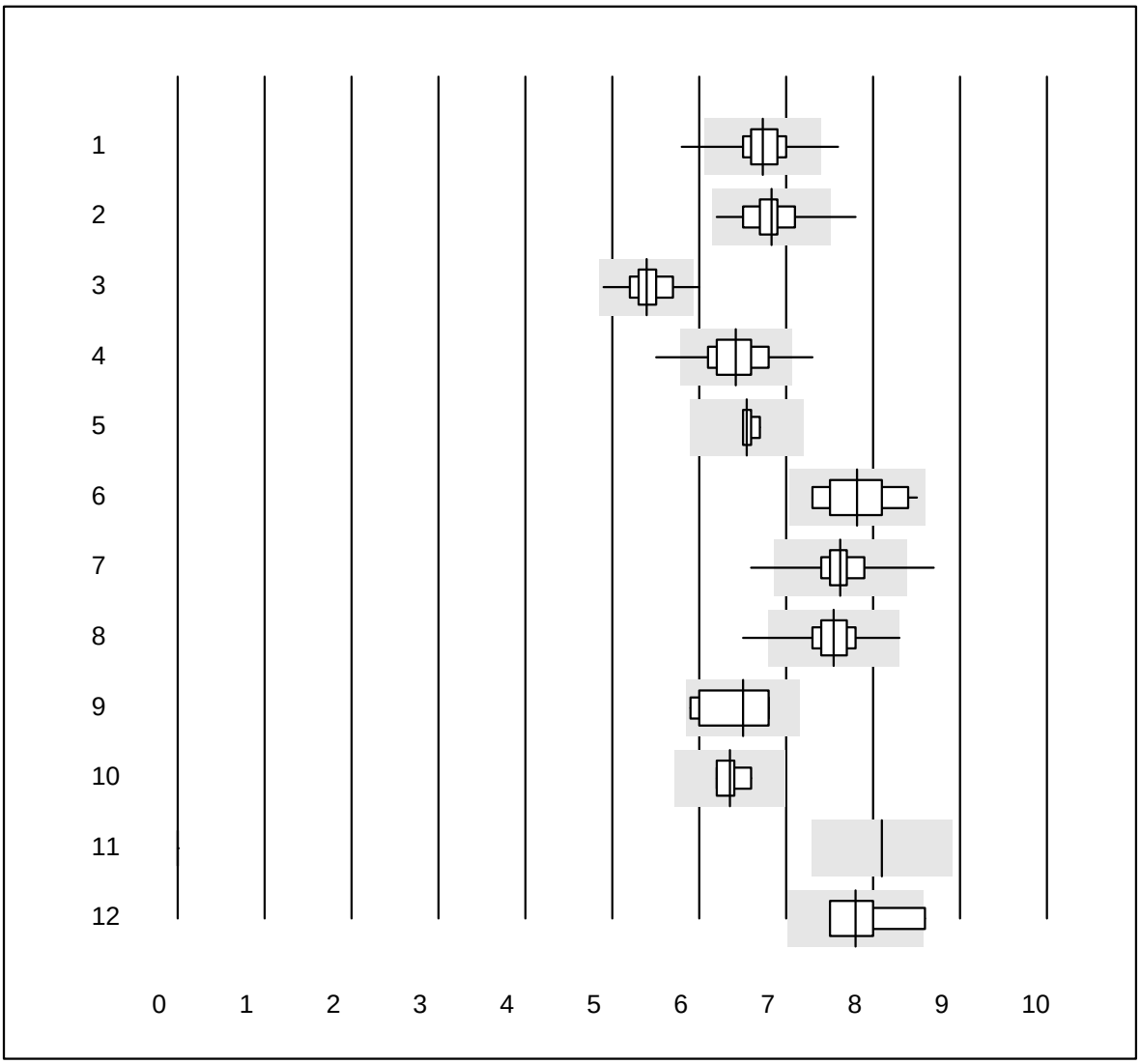
Glucose



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	36	97.2	0.0	2.8	6.2	3.2	e
2	Cobas	15	100.0	0.0	0.0	6.1	3.1	e
3	Reflotron	726	96.1	2.5	1.4	6.4	4.4	e
4	Fuji Dri-Chem	791	97.9	1.1	1.0	6.2	3.1	e
5	Spotchem/Ready	91	98.9	1.1	0.0	6.4	4.4	e
6	Spotchem D-Concept	242	98.0	1.2	0.8	6.1	4.0	e
7	Piccolo	49	95.9	0.0	4.1	6.2	1.8	e
8	Cholestech LDX	121	95.0	3.3	1.7	6.1	4.9	e
9	Abx Mira	9	88.9	11.1	0.0	6.2	7.0	e*
10	Hitachi S40/M40	17	94.1	5.9	0.0	6.2	5.1	e*
11	Autolyser/DiaSys	17	100.0	0.0	0.0	6.0	3.5	e
12	iStat Chem8	7	100.0	0.0	0.0	5.4	0.9	e

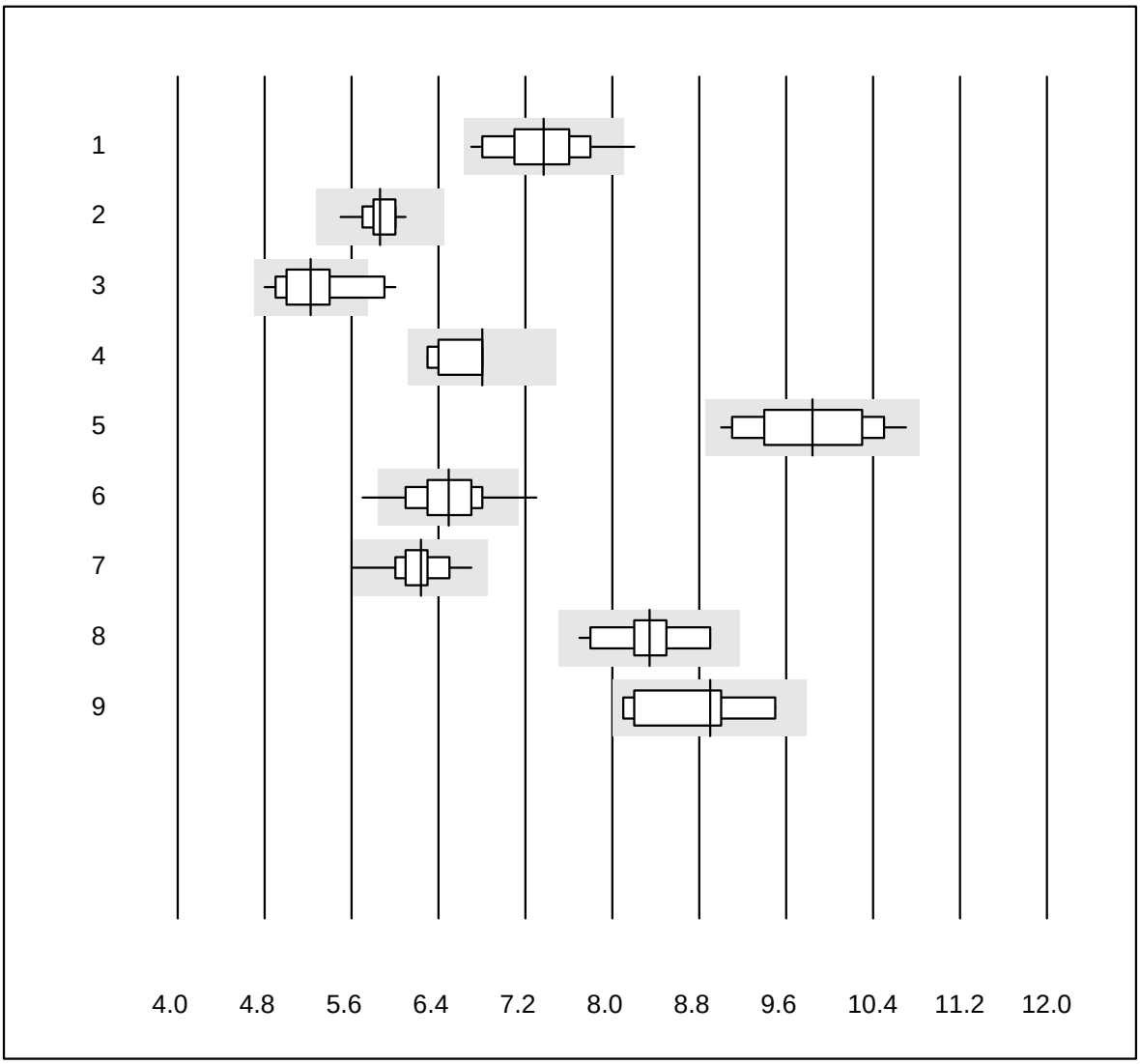
Glucose



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Accu-Chek Aviva	336	93.4	3.9	2.7	6.7	3.7	e
2	Accu-Chek Inform 2	380	97.9	2.1	0.0	6.8	3.6	e
3	Accu-Check Guide	110	98.2	0.9	0.9	5.4	3.3	e
4	Contour XT	1100	95.2	3.5	1.3	6.4	4.8	e
5	Skyla	4	100.0	0.0	0.0	6.6	1.5	e
6	Glucocard	17	100.0	0.0	0.0	7.8	4.8	e
7	Hemocue 201+ P-equiv	97	92.8	3.1	4.1	7.6	3.7	e
8	Hemocue 201RT P-equi	74	94.6	2.7	2.7	7.6	3.6	e
9	FreeStyle Precision	7	100.0	0.0	0.0	6.5	5.7	e*
10	Freestyle Freedom li	6	100.0	0.0	0.0	6.4	2.4	e
11	Glucomen Lx	4	0.0	0.0	100.0	8.1	0.0	e
12	Sanofi BG Star	4	75.0	25.0	0.0	7.8	6.3	e*
13	Contour NEXT ONE	5	80.0	0.0	20.0	6.0	3.4	e*

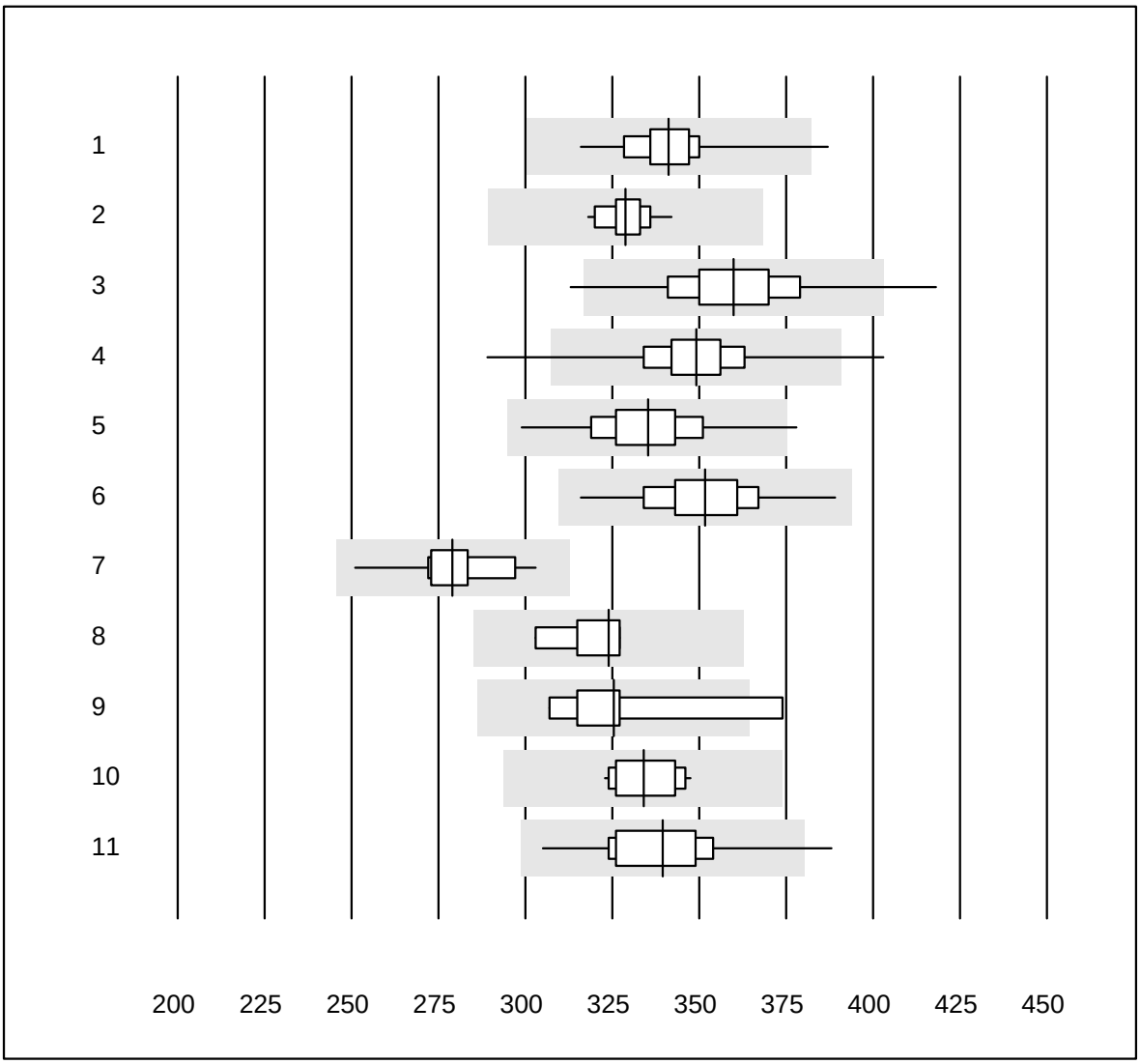
Glucose B



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Hemocue 201+ (alt)	48	91.6	4.2	4.2	7.4	5.2	e
2	OneTouch Verio	31	100.0	0.0	0.0	5.9	2.4	e
3	Contour 2 (5s)	31	80.6	12.9	6.5	5.2	6.5	e
4	Contour (15s)	5	100.0	0.0	0.0	6.8	3.8	e*
5	Healthpro	39	89.7	0.0	10.3	9.8	5.2	e
6	Mylife UNIO	260	97.3	2.7	0.0	6.5	4.4	e
7	mylife Pura	69	97.1	2.9	0.0	6.2	3.2	e
8	Omnitest	18	94.4	0.0	5.6	8.3	3.9	e
9	Alpha Check	7	100.0	0.0	0.0	8.9	5.5	e*

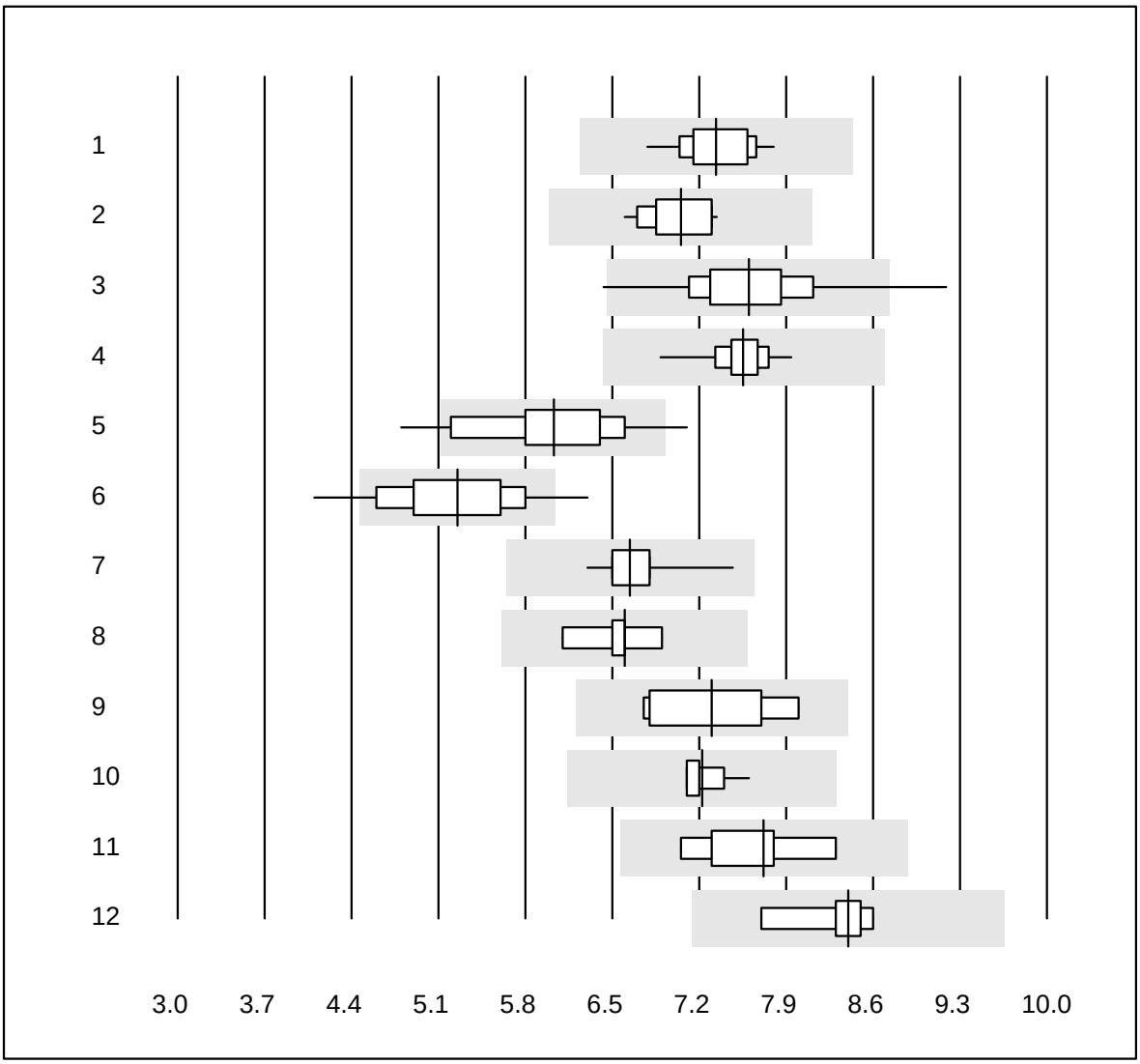
Uric Acid



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	28	96.4	3.6	0.0	341	3.7	e
2	Cobas	13	100.0	0.0	0.0	329	2.0	e
3	Reflotron	639	97.5	1.7	0.8	360	4.4	e
4	Fuji Dri-Chem	789	98.6	0.6	0.8	349	3.4	e
5	Spotchem/Ready	83	97.6	1.2	1.2	335	4.4	e
6	Spotchem D-Concept	241	99.6	0.0	0.4	352	3.6	e
7	Piccolo	27	96.3	0.0	3.7	279	3.9	e
8	Skyla	5	100.0	0.0	0.0	324	3.2	e*
9	Abx Mira	8	87.5	12.5	0.0	326	6.2	e*
10	Hitachi S40/M40	15	100.0	0.0	0.0	334	2.6	e
11	Autolyser/DiaSys	15	93.3	6.7	0.0	339	5.5	e

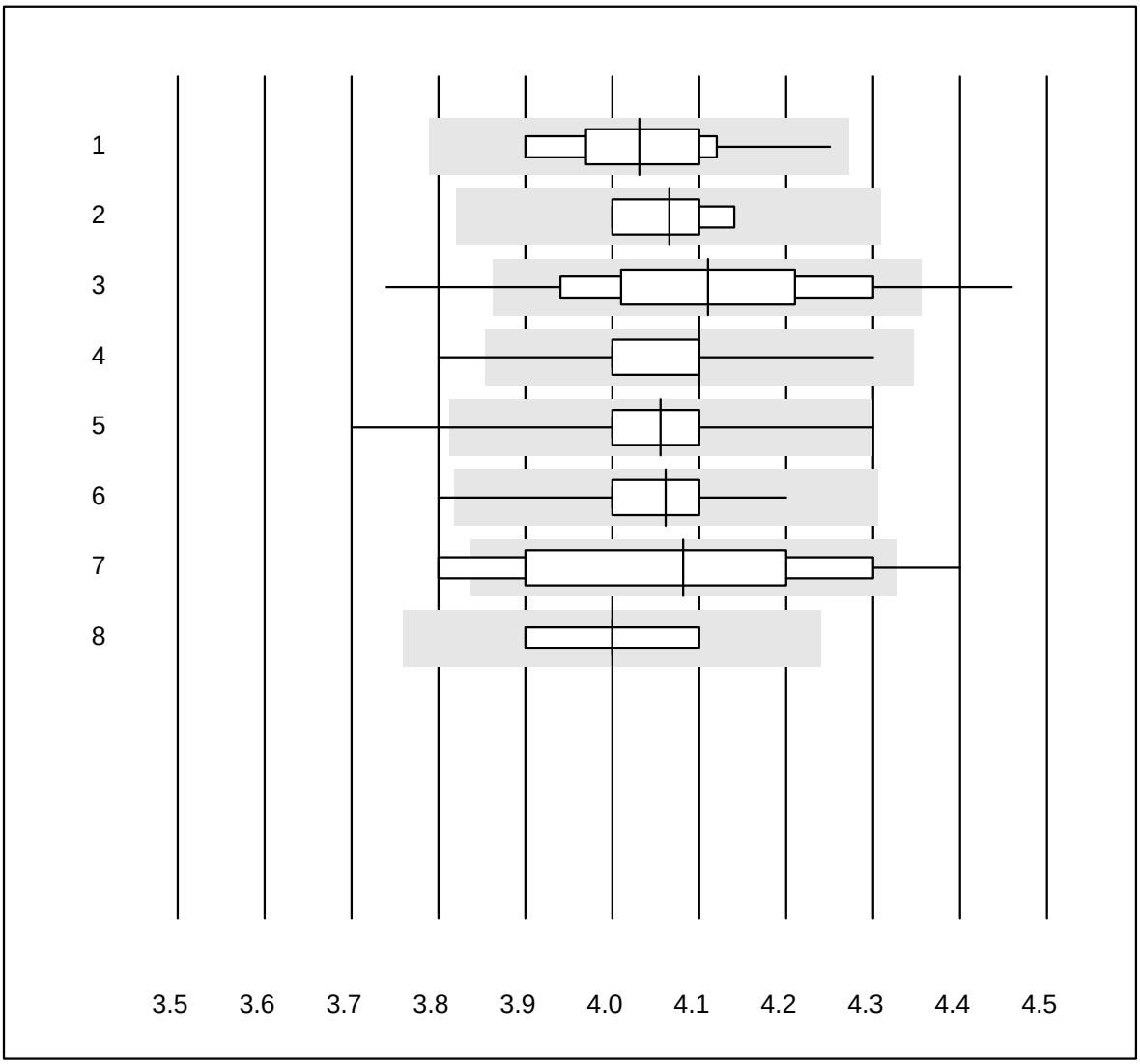
Urea



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	26	100.0	0.0	0.0	7.3	3.5	e
2	Cobas	15	100.0	0.0	0.0	7.1	3.6	e
3	Reflotron	290	95.1	2.8	2.1	7.6	5.9	e
4	Fuji Dri-Chem	470	98.9	0.0	1.1	7.6	2.3	e
5	Spotchem/Ready	54	85.2	11.1	3.7	6.0	9.0	e
6	Spotchem D-Concept	151	77.5	10.6	11.9	5.3	9.2	e
7	Piccolo	45	95.6	0.0	4.4	6.6	3.0	e
8	Skyla	5	100.0	0.0	0.0	6.6	4.4	e*
9	Abx Mira	7	100.0	0.0	0.0	7.3	6.9	e*
10	Hitachi S40/M40	12	100.0	0.0	0.0	7.2	2.1	e
11	Autolyser/DiaSys	9	100.0	0.0	0.0	7.7	5.0	e
12	iStat Chem8	7	100.0	0.0	0.0	8.4	3.5	e

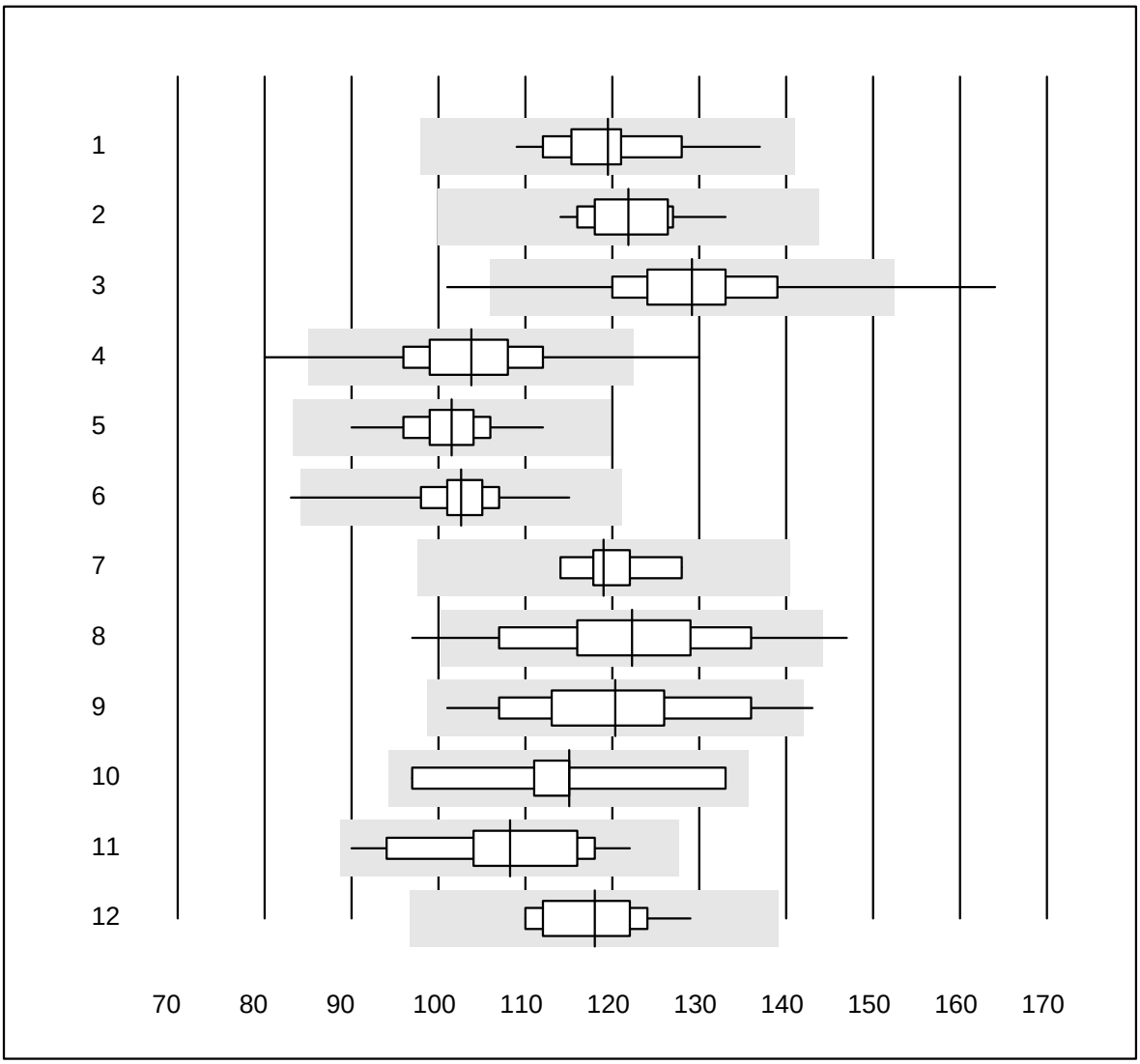
Potassium



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	45	100.0	0.0	0.0	4.03	2.2	e
2	Cobas	17	100.0	0.0	0.0	4.07	1.3	e
3	Reflotron	654	85.4	8.3	6.3	4.11	3.5	e
4	Fuji Dri-Chem	830	97.5	1.3	1.2	4.10	1.7	e
5	Spotchem D-Concept	242	96.7	2.5	0.8	4.06	2.0	e
6	Spotchem EL-SE 1520	91	96.7	2.2	1.1	4.06	1.8	e
7	Piccolo	36	69.4	13.9	16.7	4.08	4.5	e*
8	iStat Chem8	9	100.0	0.0	0.0	4.00	1.3	e

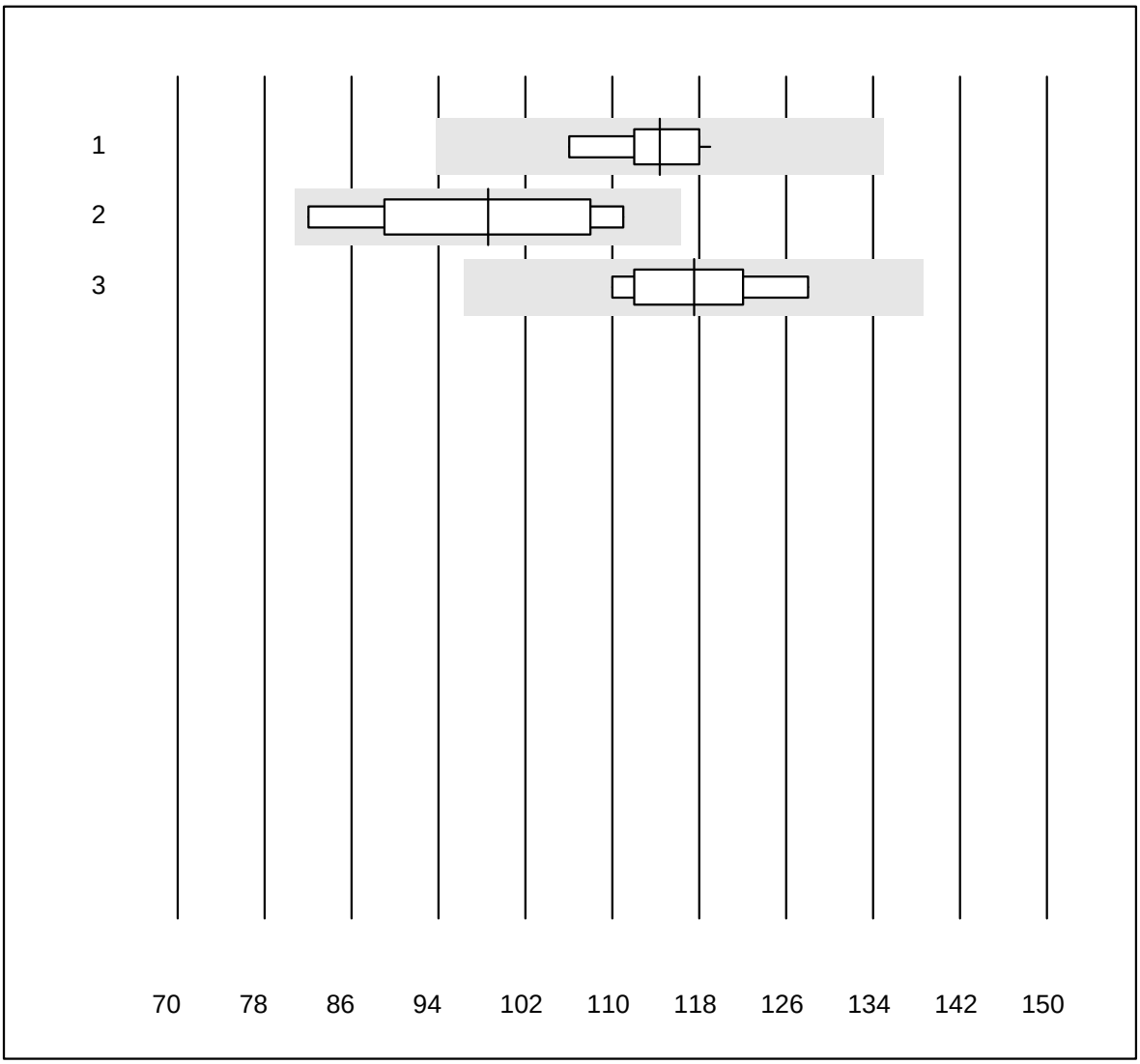
Creatinine



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	21	95.2	0.0	4.8	120	5.7	e
2	Cobas	17	100.0	0.0	0.0	122	4.3	e
3	Reflotron	837	97.8	1.1	1.1	129	6.0	e
4	Fuji Dri-Chem	863	97.6	1.0	1.4	104	6.6	e
5	Spotchem/Ready	114	98.2	0.0	1.8	101	4.0	e
6	Spotchem D-Concept	257	99.2	0.4	0.4	103	3.9	e
7	Enzymatic	6	100.0	0.0	0.0	119	4.0	e
8	Piccolo	47	95.7	4.3	0.0	122	8.5	e
9	Abx Mira	11	90.9	9.1	0.0	120	9.9	e*
10	Skyla	5	100.0	0.0	0.0	115	11.3	e*
11	Hitachi S40/M40	16	93.7	0.0	6.3	108	8.6	e
12	Autolyser/DiaSys	17	100.0	0.0	0.0	118	4.9	e

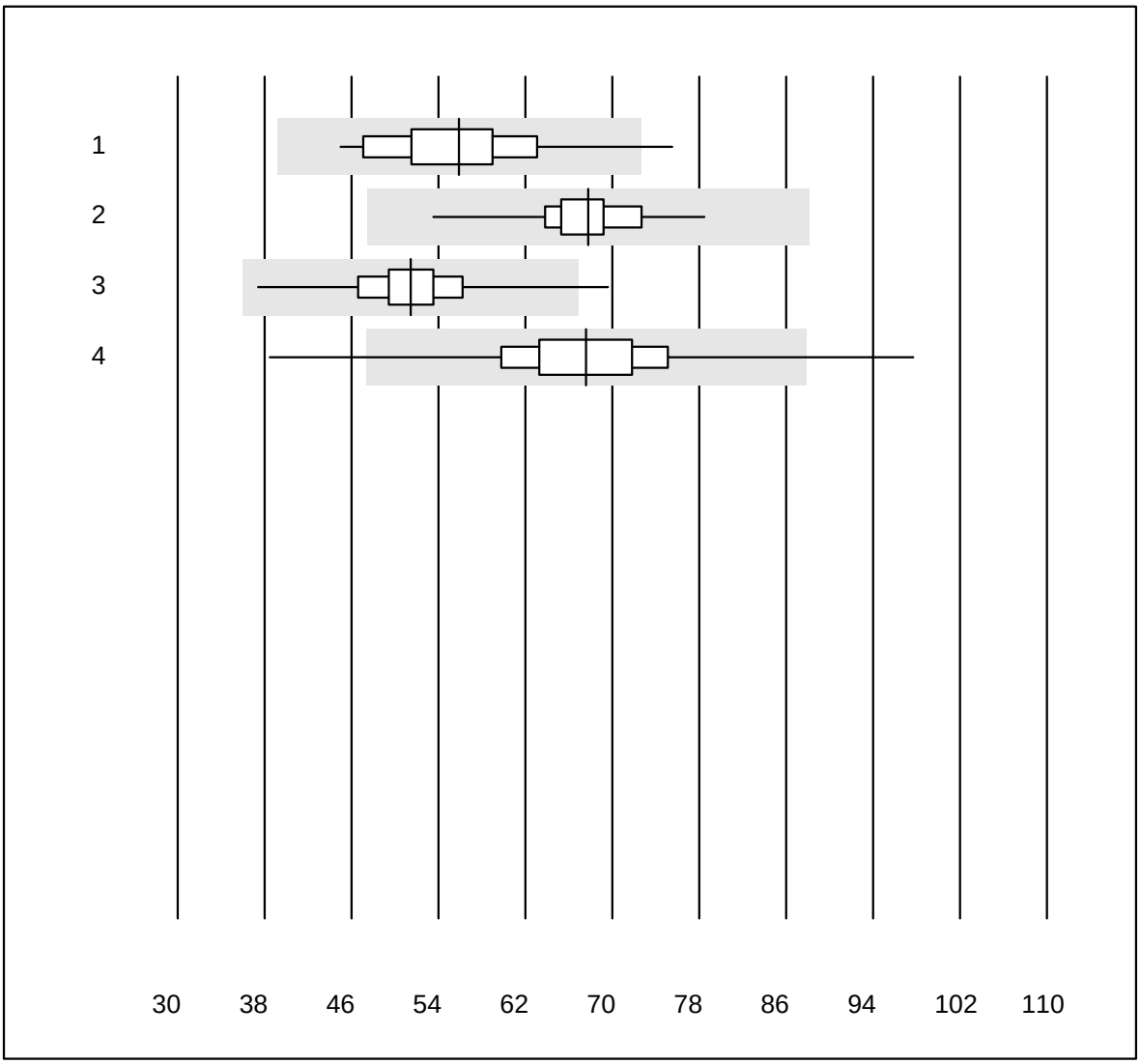
Creatinine E



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	iStat Chem8	11	90.9	0.0	9.1	114	3.5	e
2	EPOC	5	100.0	0.0	0.0	99	12.6	e*
3	ABL700/800	8	100.0	0.0	0.0	118	5.5	e

eGFR CKD-EPI

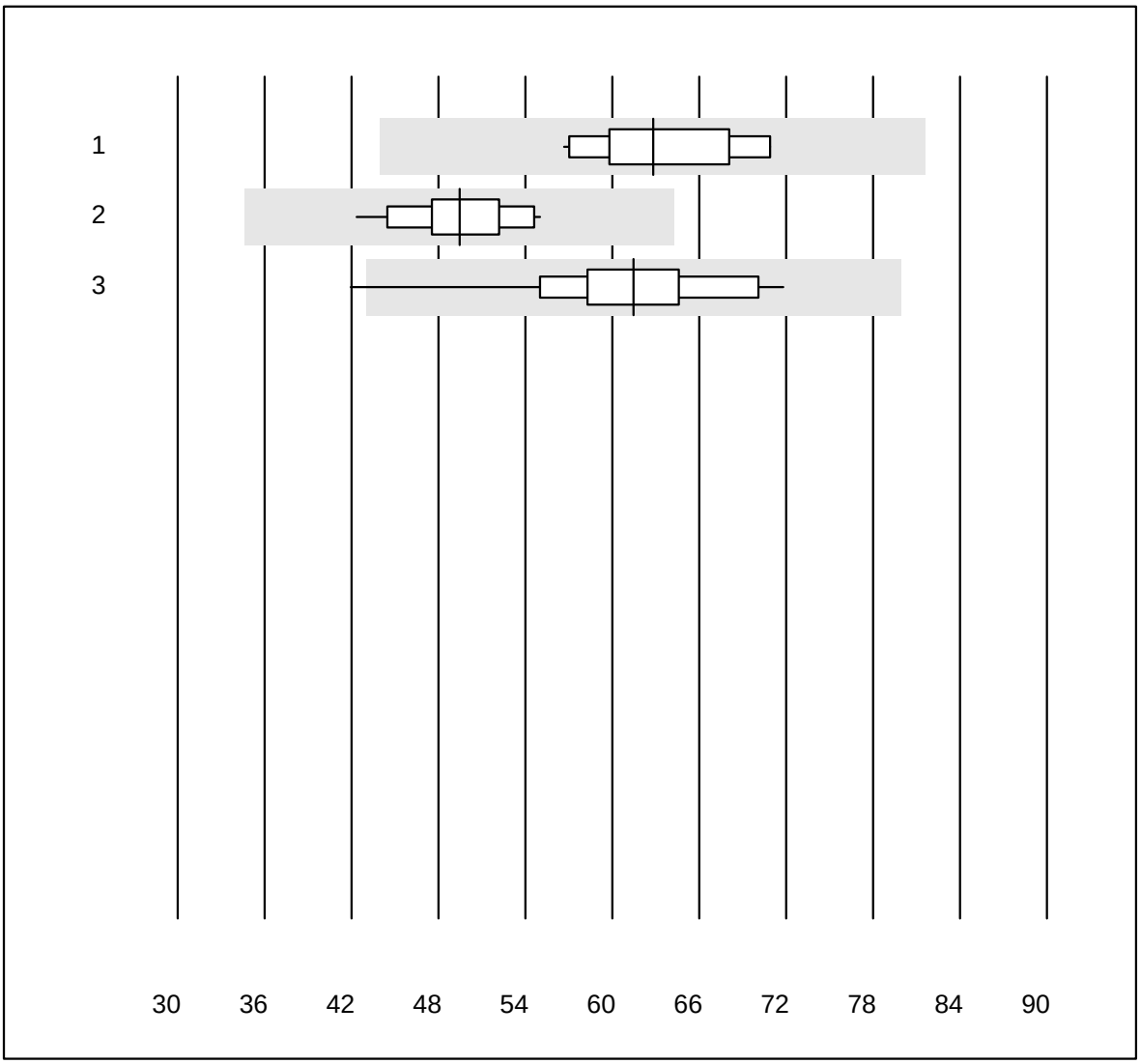


MQ tolerance : 30 %

eGFR CKD-EPI ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	64	96.8	1.6	1.6	56	11.1	e
2	Spotchem/Ready	135	97.8	0.0	2.2	68	5.7	e
3	Reflotron	290	98.3	0.7	1.0	51	8.5	e
4	Fuji Dri-Chem	347	93.6	2.9	3.5	68	10.7	e

eGFR Cockcroft-Gault

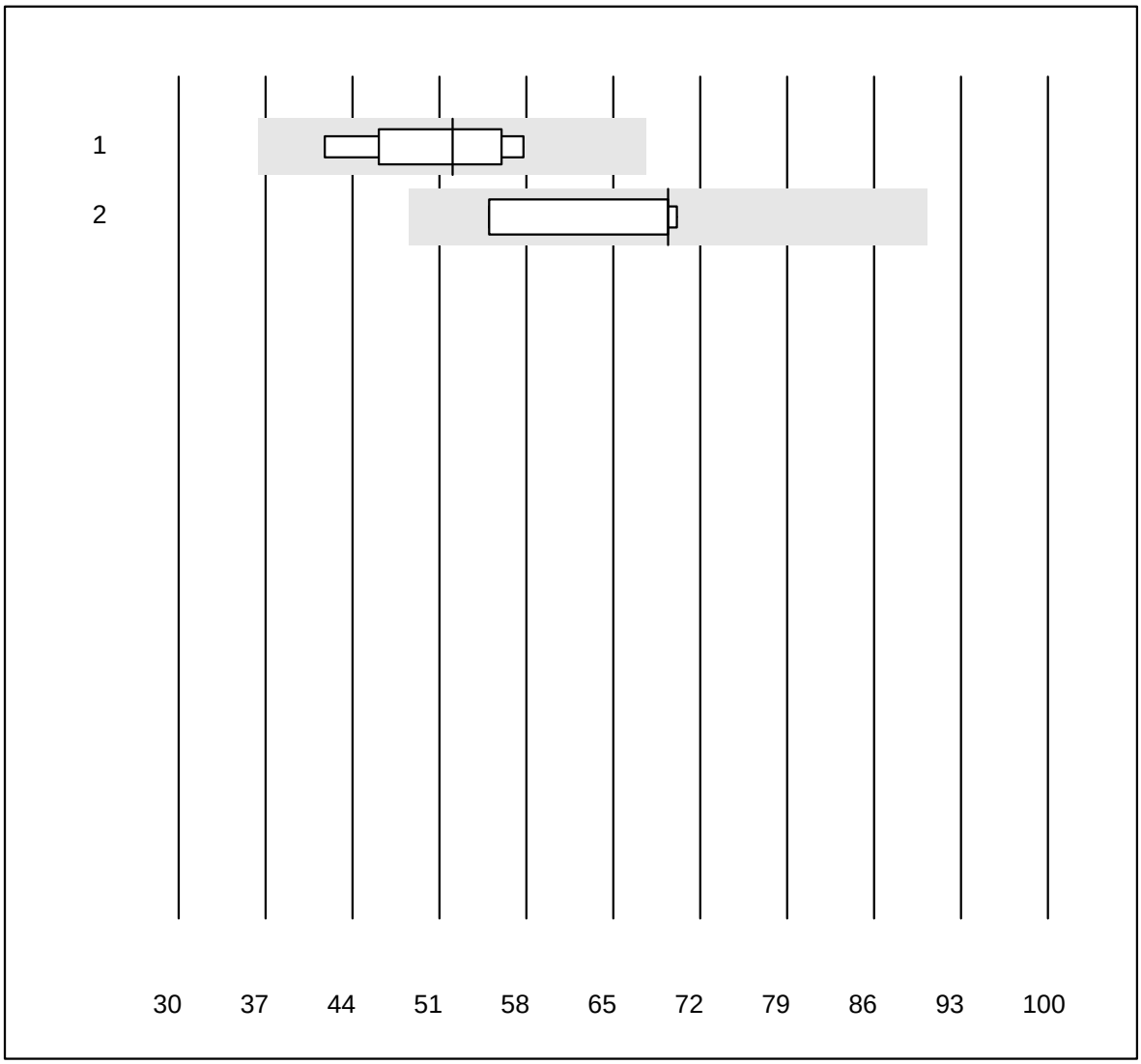


MQ tolerance : 30 %

eGFR Cockcroft-Gault ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Spotchem/Ready	16	93.7	0.0	6.3	63	7.8	e
2	Reflotron	20	95.0	0.0	5.0	49	6.7	e
3	Fuji Dri-Chem	30	93.4	3.3	3.3	61	9.8	e

eGFR MDRD

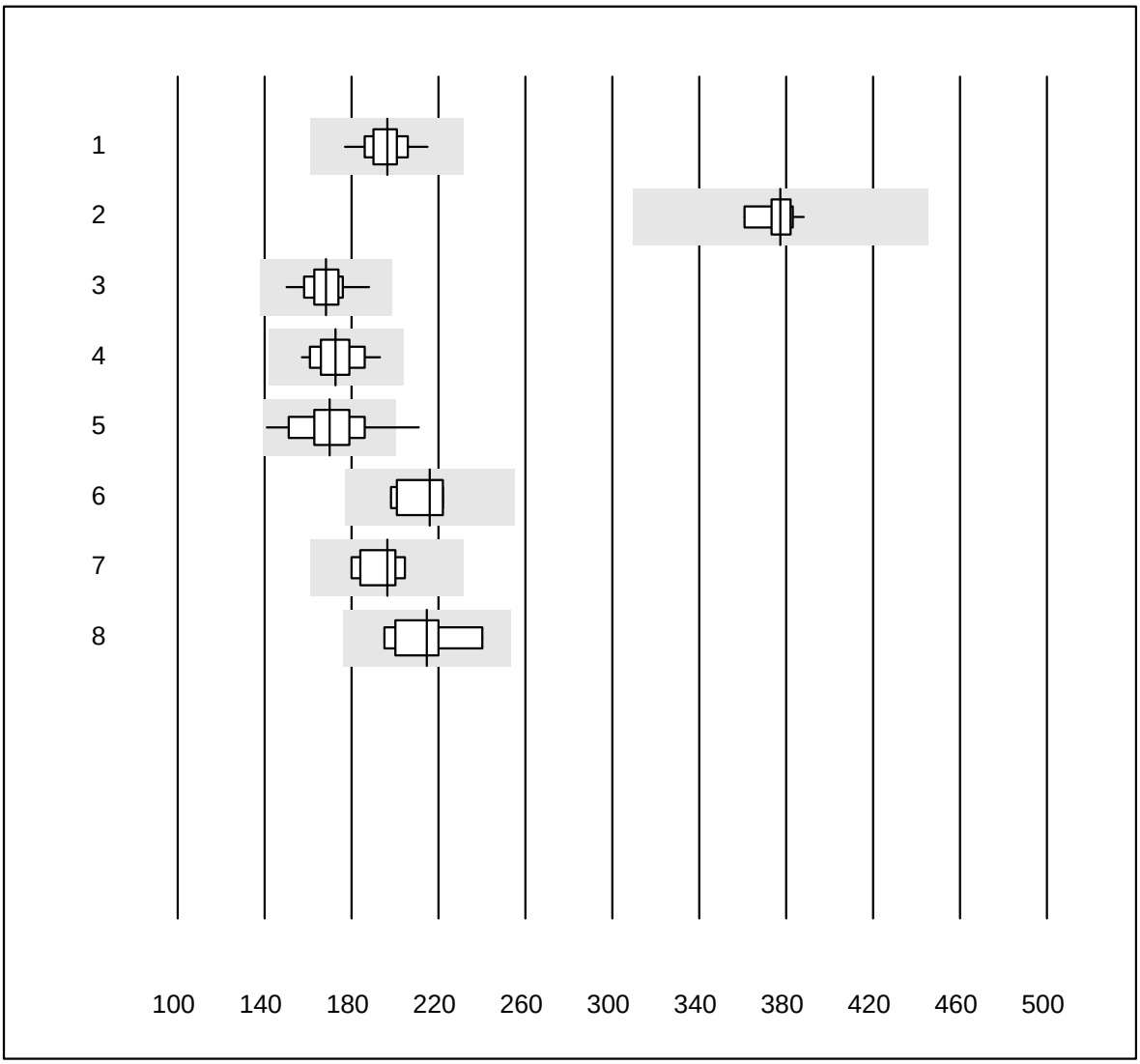


MQ tolerance : 30 %

eGFR MDRD ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Reflotron	8	100.0	0.0	0.0	52	11.1	e*
2	Fuji Dri-Chem	5	80.0	0.0	20.0	69	10.7	e*

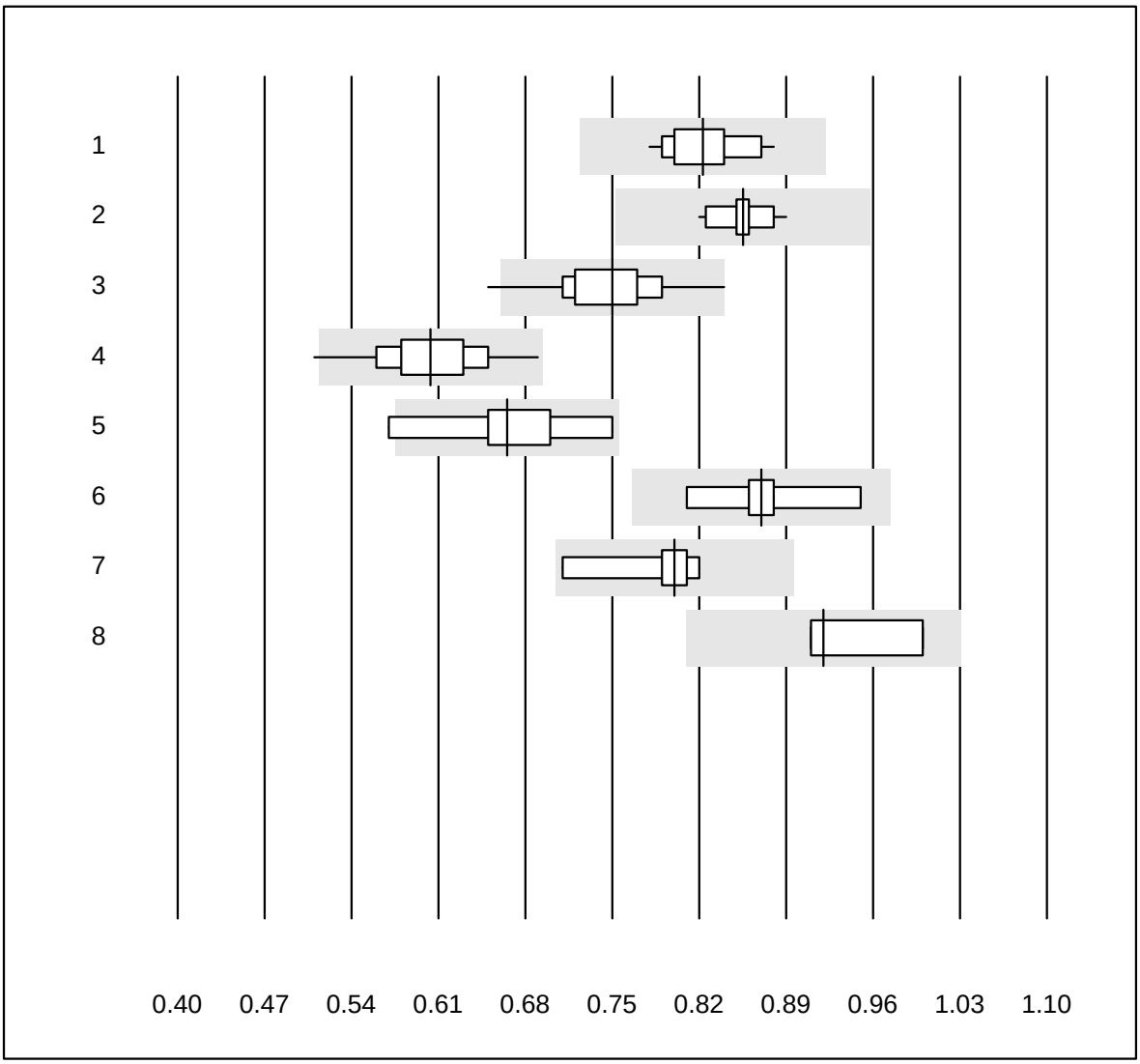
LDH



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	30	100.0	0.0	0.0	197	4.3	e
2	Cobas	10	100.0	0.0	0.0	377	2.2	e
3	Fuji Dri-Chem	151	96.7	0.0	3.3	168	4.4	e
4	Spotchem/Ready	15	93.3	0.0	6.7	173	5.9	e
5	Spotchem D-Concept	45	93.4	2.2	4.4	170	8.0	e
6	Abx Mira	7	100.0	0.0	0.0	216	5.0	e
7	Hitachi S40/M40	6	100.0	0.0	0.0	197	4.9	e
8	Autolyser/DiaSys	8	100.0	0.0	0.0	215	7.6	e*

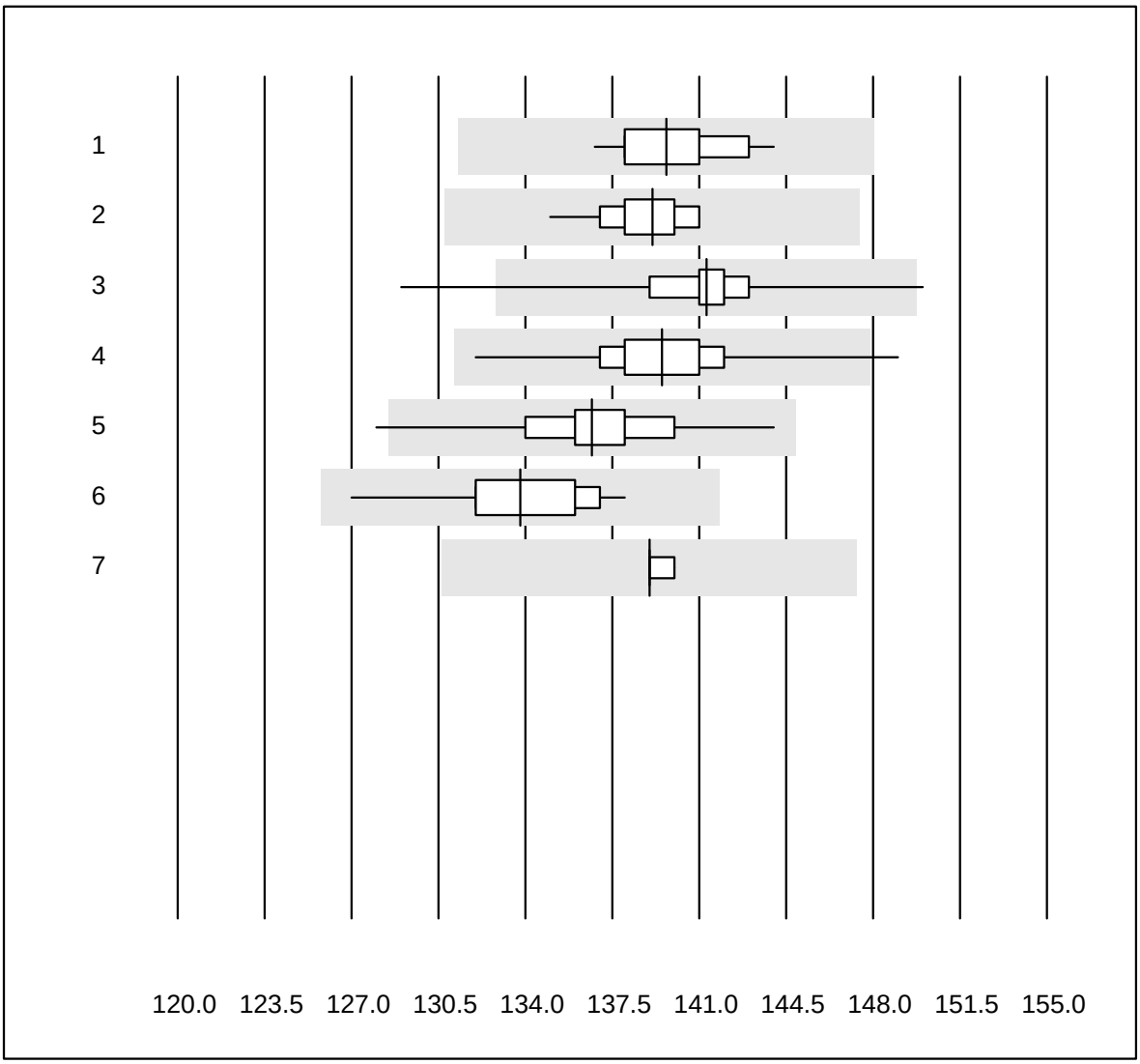
Magnesium



QUALAB tolerance : 12 %
(< 0.70: +/- 0.09 mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	13	100.0	0.0	0.0	0.82	3.9	e
2	Cobas	11	100.0	0.0	0.0	0.86	2.4	e
3	Fuji Dri-Chem	114	94.7	4.4	0.9	0.75	4.9	e
4	Spotchem D-Concept	47	97.9	2.1	0.0	0.60	6.0	e
5	Spotchem/Ready	6	83.3	16.7	0.0	0.67	8.9	e*
6	Beckman	8	100.0	0.0	0.0	0.87	4.9	e*
7	Piccolo	5	100.0	0.0	0.0	0.80	5.6	e*
8	Abx Mira	4	75.0	0.0	25.0	0.92	5.0	e*

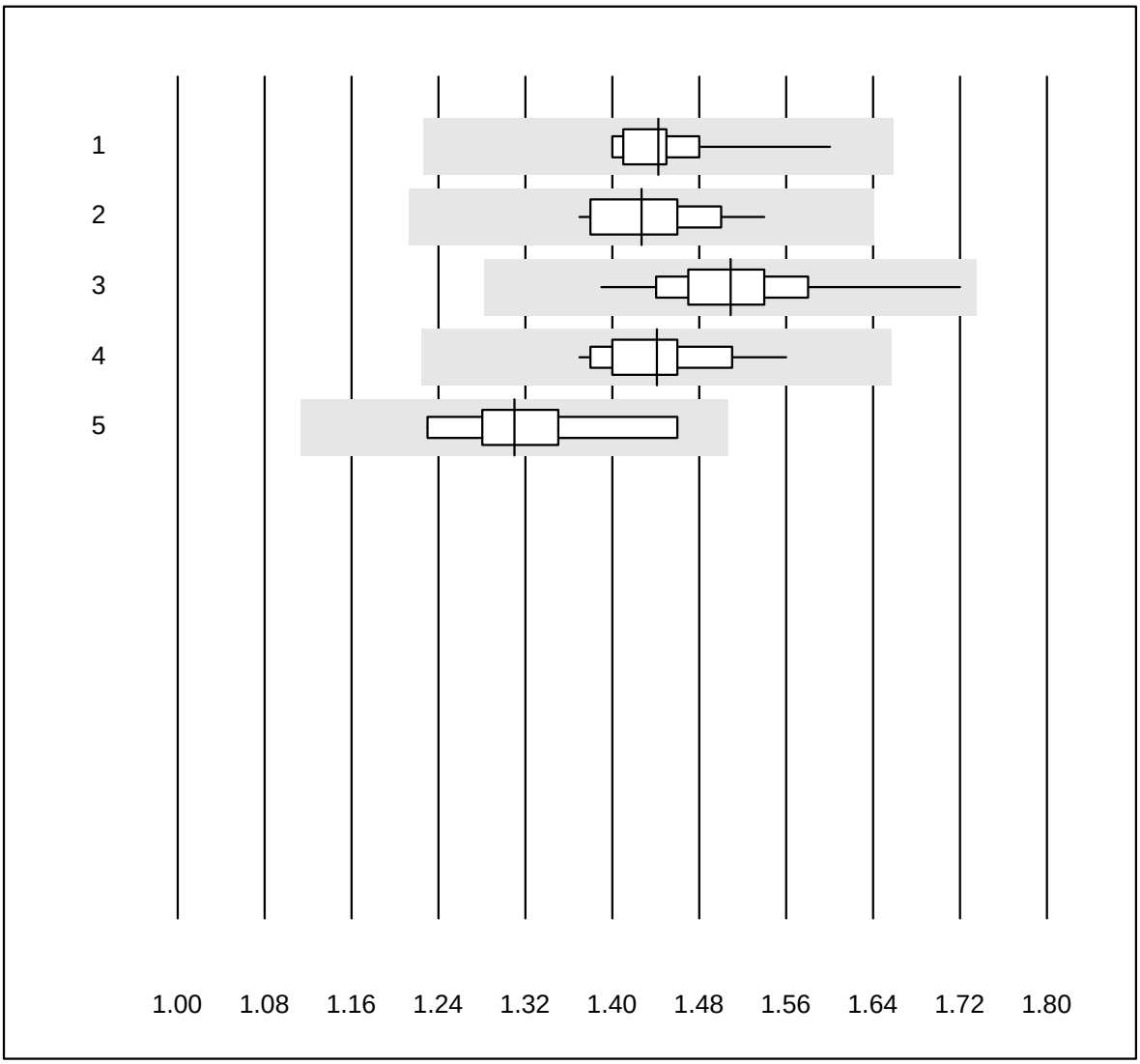
Sodium



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	43	100.0	0.0	0.0	140	1.4	e
2	Cobas	17	100.0	0.0	0.0	139	1.2	e
3	Fuji Dri-Chem	770	98.3	1.2	0.5	141	1.4	e
4	Spotchem D-Concept	231	99.2	0.4	0.4	140	1.4	e
5	Spotchem EL-SE 1520	89	96.7	2.2	1.1	137	1.9	e
6	Piccolo	36	100.0	0.0	0.0	134	1.9	e
7	iStat Chem8	7	100.0	0.0	0.0	139	0.3	e

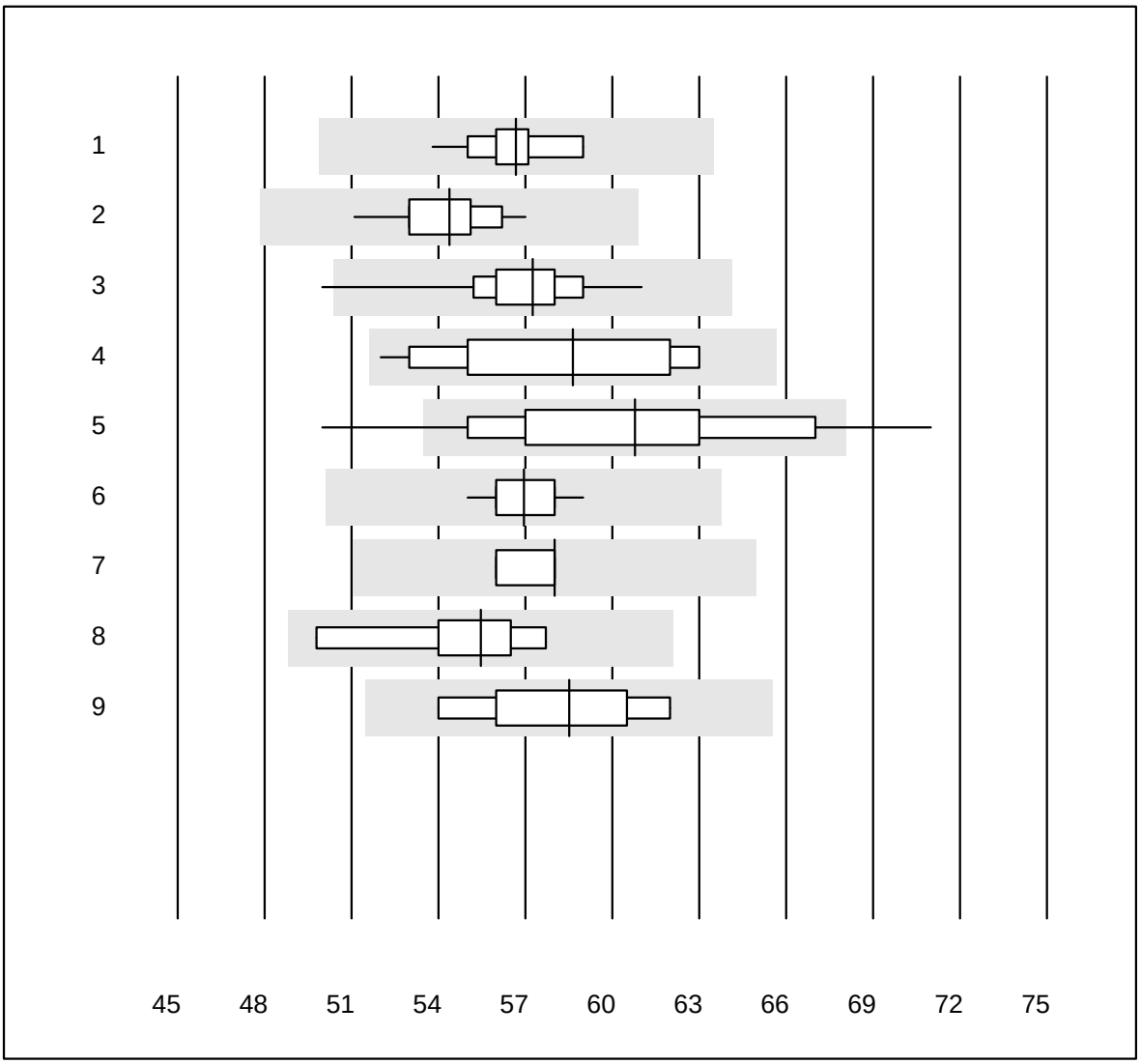
Phosphate



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	20	100.0	0.0	0.0	1.4	3.3	e
2	Cobas	12	100.0	0.0	0.0	1.4	3.7	e
3	Fuji Dri-Chem	83	100.0	0.0	0.0	1.5	3.7	e
4	Spotchem D-Concept	21	95.2	0.0	4.8	1.4	3.4	e
5	Spotchem/Ready	6	100.0	0.0	0.0	1.3	6.1	e*

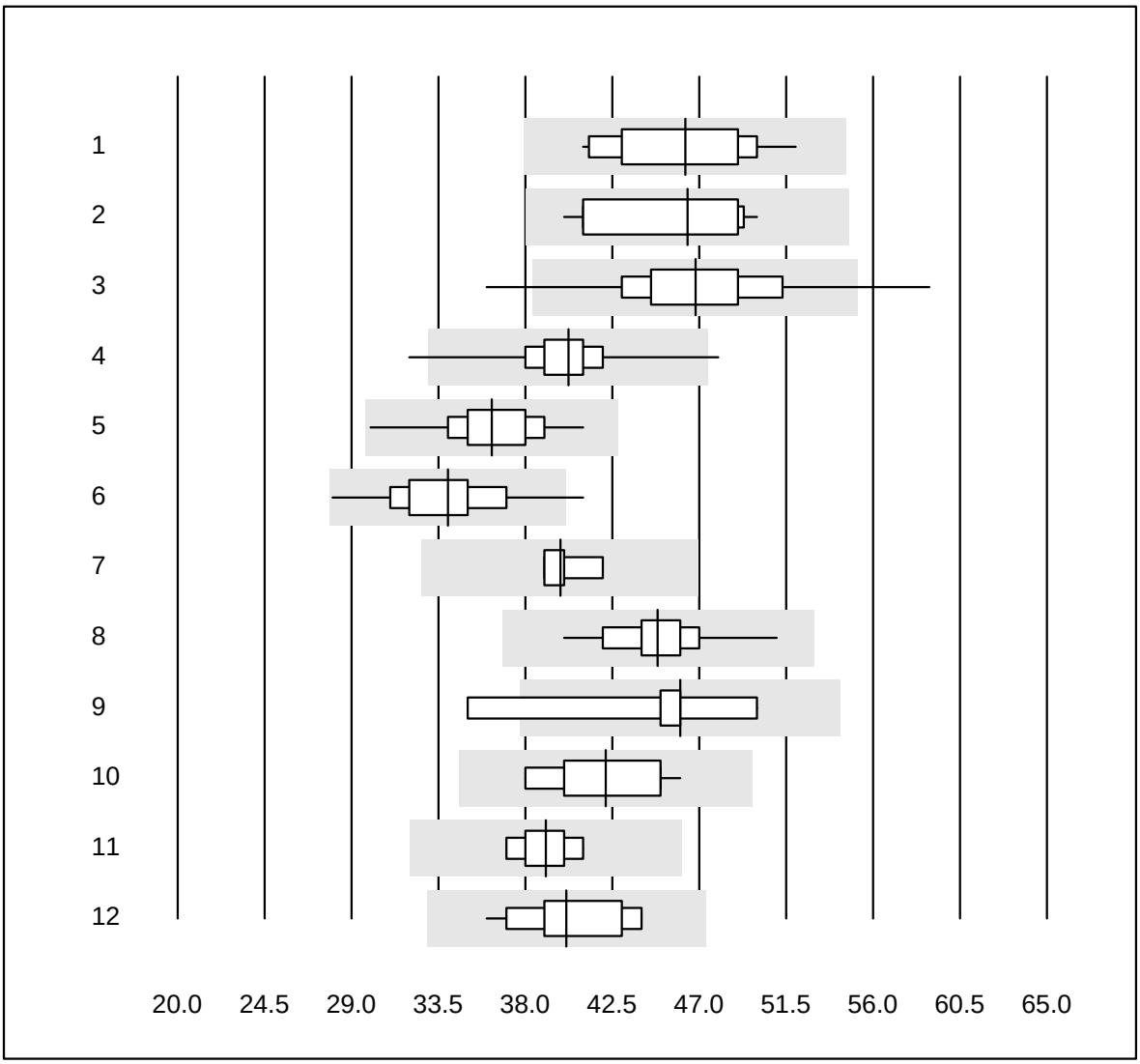
Protein total



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	23	100.0	0.0	0.0	56.7	2.4	e
2	Cobas	13	100.0	0.0	0.0	54.4	3.0	e
3	Fuji Dri-Chem	183	98.4	0.5	1.1	57.3	2.9	e
4	Spotchem/Ready	27	100.0	0.0	0.0	58.6	6.1	e
5	Spotchem D-Concept	100	92.0	6.0	2.0	60.8	7.2	e
6	Piccolo	32	100.0	0.0	0.0	57.0	1.9	e
7	Skyla	5	100.0	0.0	0.0	58.0	1.9	e
8	Abx Mira	6	100.0	0.0	0.0	55.5	5.1	e*
9	Hitachi S40/M40	6	100.0	0.0	0.0	58.5	5.0	e*

Aspartate aminotransferase

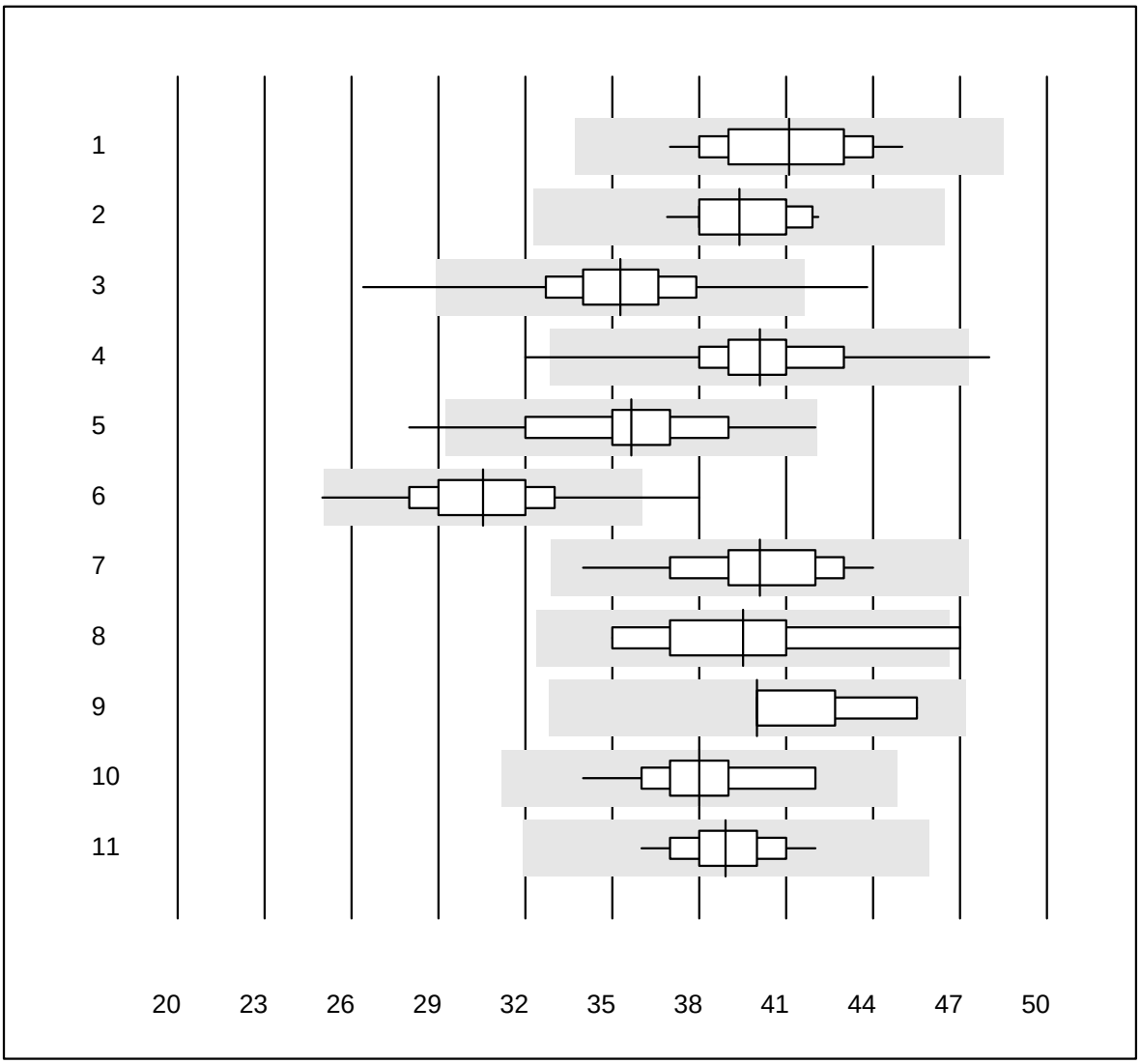


QUALAB tolerance : 18 %

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	46	7.4	e
2	Cobas	11	100.0	0.0	0.0	46	8.2	e*
3	Reflotron	733	98.0	1.0	1.0	47	7.0	e
4	Fuji Dri-Chem	841	98.7	0.2	1.1	40	3.6	e
5	Spotchem/Ready	108	99.1	0.0	0.9	36	5.5	e
6	Spotchem D-Concept	254	97.6	1.2	1.2	34	6.9	e
7	IFCC without PP	6	100.0	0.0	0.0	40	2.8	e
8	Piccolo	48	97.9	0.0	2.1	45	4.6	e
9	Skyla	5	80.0	20.0	0.0	46	12.6	e*
10	Abx Mira	10	100.0	0.0	0.0	42	6.5	e
11	Hitachi S40/M40	18	100.0	0.0	0.0	39	3.2	e
12	Autolyser/DiaSys	17	100.0	0.0	0.0	40	6.2	e

Alanine aminotransferase

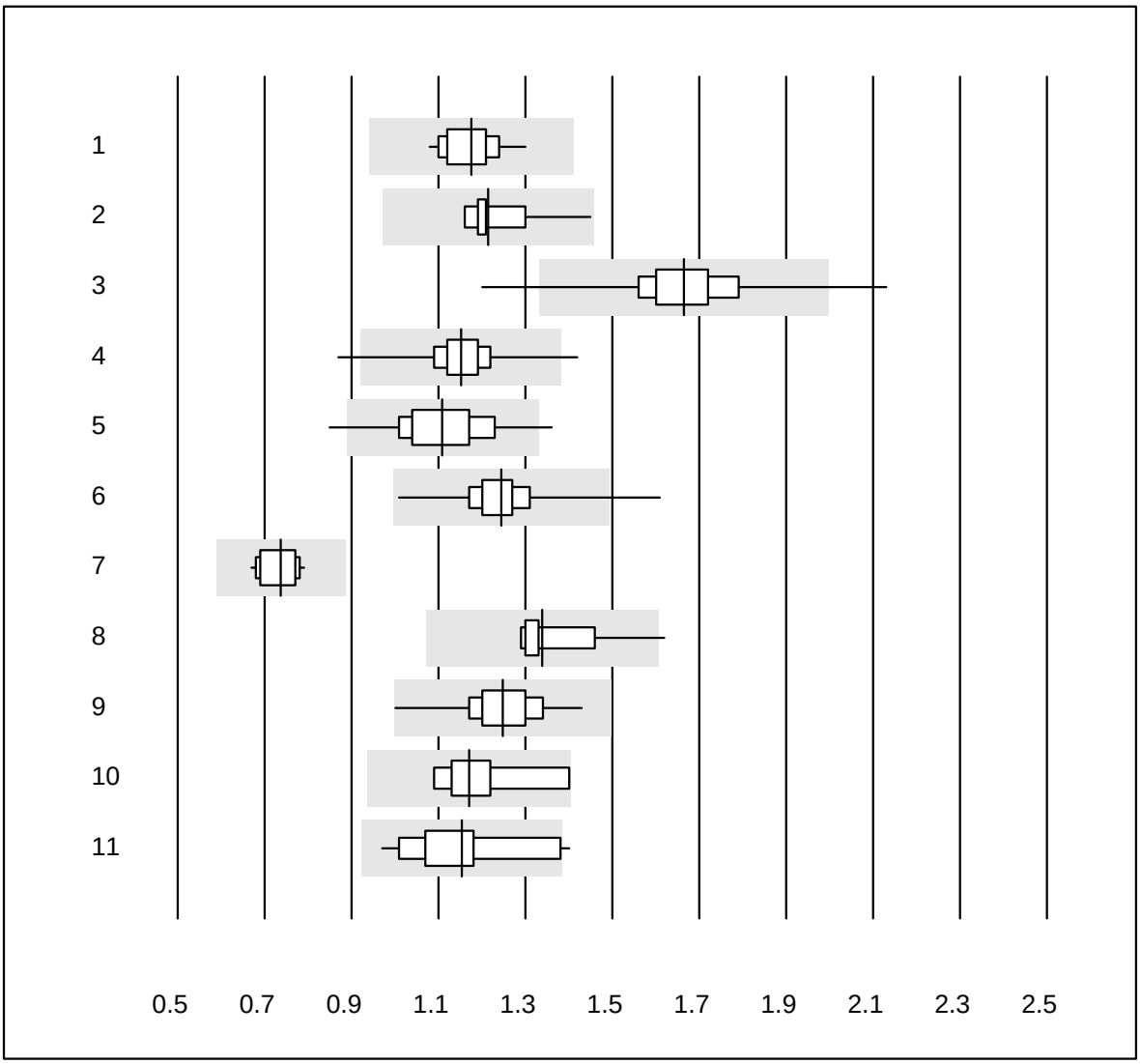


QUALAB tolerance : 18 %

Alanine aminotransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC with PP	28	100.0	0.0	0.0	41	5.2	e
2	Cobas	18	100.0	0.0	0.0	39	4.0	e
3	Reflotron	762	98.3	1.2	0.5	35	6.0	e
4	Fuji Dri-Chem	855	98.3	0.4	1.3	40	5.1	e
5	Spotchem/Ready	112	93.7	4.5	1.8	36	7.4	e
6	Spotchem D-Concept	260	97.3	1.5	1.2	31	7.1	e
7	Piccolo	49	95.9	0.0	4.1	40	5.8	e
8	Skyla	6	66.6	16.7	16.7	40	11.8	e*
9	Abx Mira	9	88.9	0.0	11.1	40	4.9	e
10	Hitachi S40/M40	18	100.0	0.0	0.0	38	5.4	e
11	Autolyser/DiaSys	17	100.0	0.0	0.0	39	4.1	e

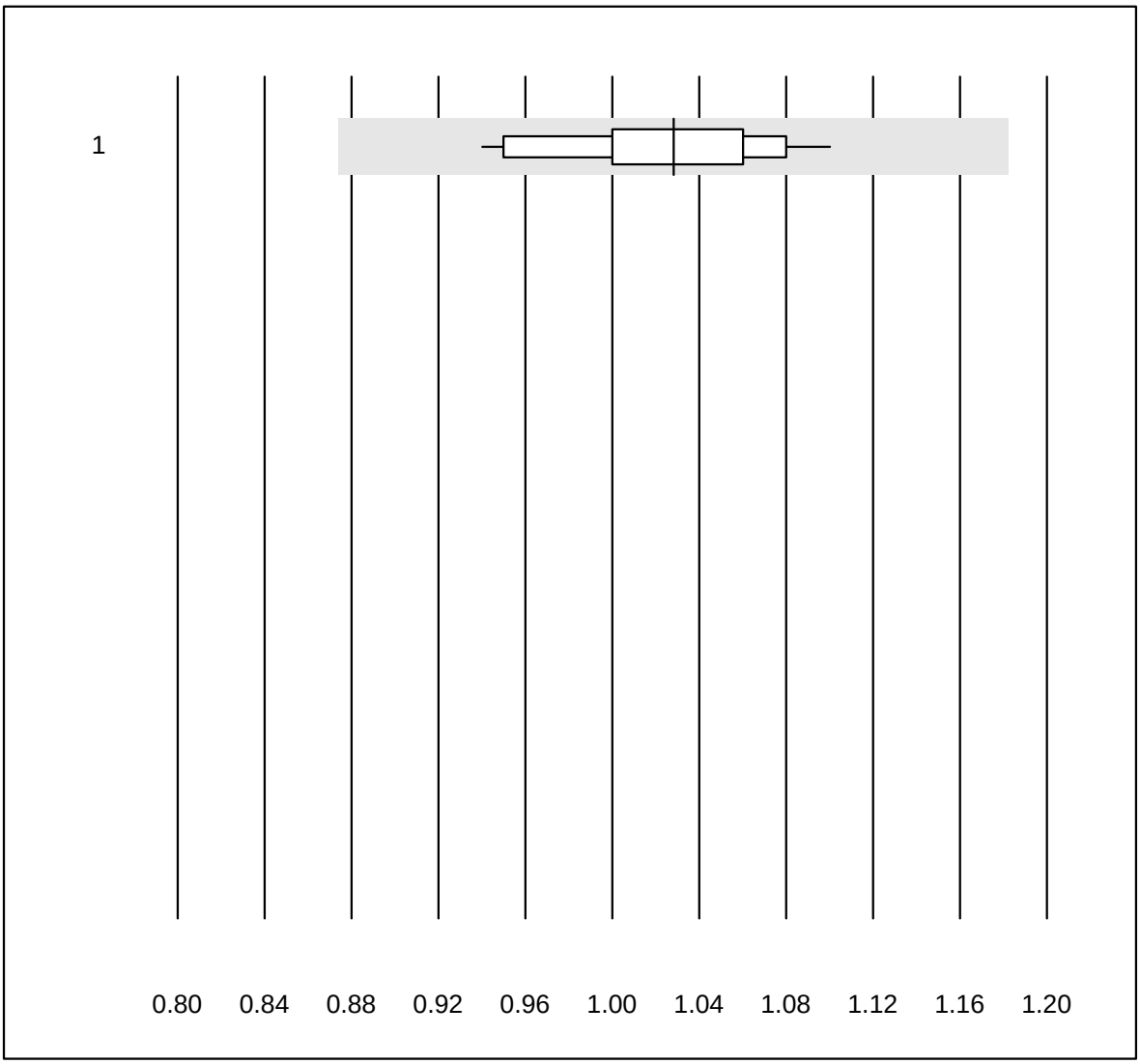
Triglycerides



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	26	100.0	0.0	0.0	1.18	4.6	e
2	Cobas	19	94.7	0.0	5.3	1.22	5.5	e
3	Reflotron	474	96.2	1.1	2.7	1.66	6.1	e
4	Fuji Dri-Chem	744	98.1	0.8	1.1	1.15	5.2	e
5	Spotchem/Ready	90	95.6	2.2	2.2	1.11	8.1	e
6	Spotchem D-Concept	230	99.2	0.4	0.4	1.24	5.0	e
7	Hitachi S40/M40	15	100.0	0.0	0.0	0.74	5.2	e
8	Piccolo	18	88.8	5.6	5.6	1.34	6.2	e
9	Cholestech LDX	144	98.6	0.0	1.4	1.25	5.6	e
10	Abx Mira	9	100.0	0.0	0.0	1.17	8.0	e*
11	Autolyser/DiaSys	16	93.7	6.3	0.0	1.15	10.4	e*

Lithium

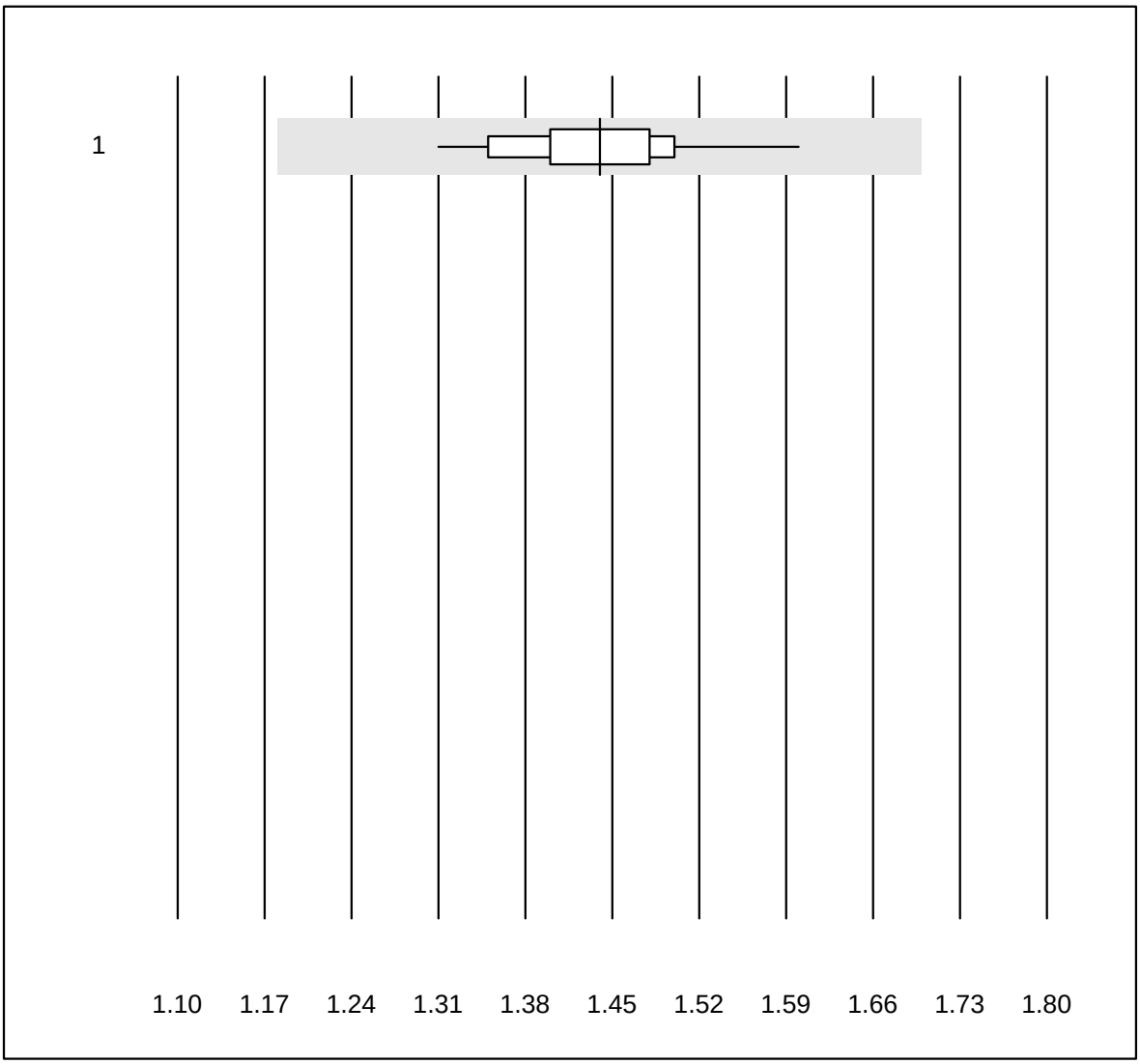


QUALAB tolerance : 15 %

Lithium (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	16	100.0	0.0	0.0	1.03	4.5	e

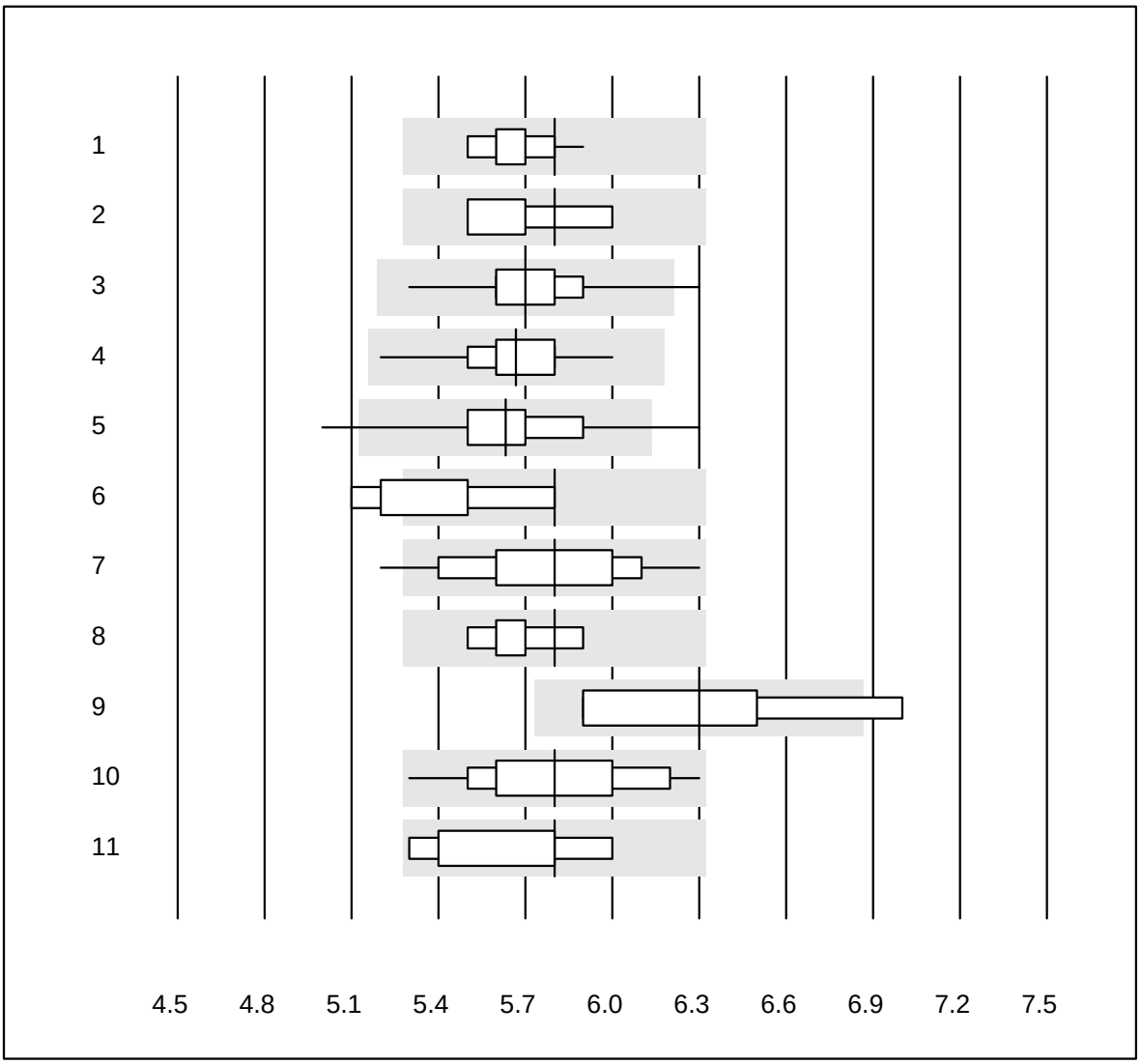
Lactate



MQ tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	12	91.7	0.0	8.3	1.44	5.3	e

HbA1c sample A

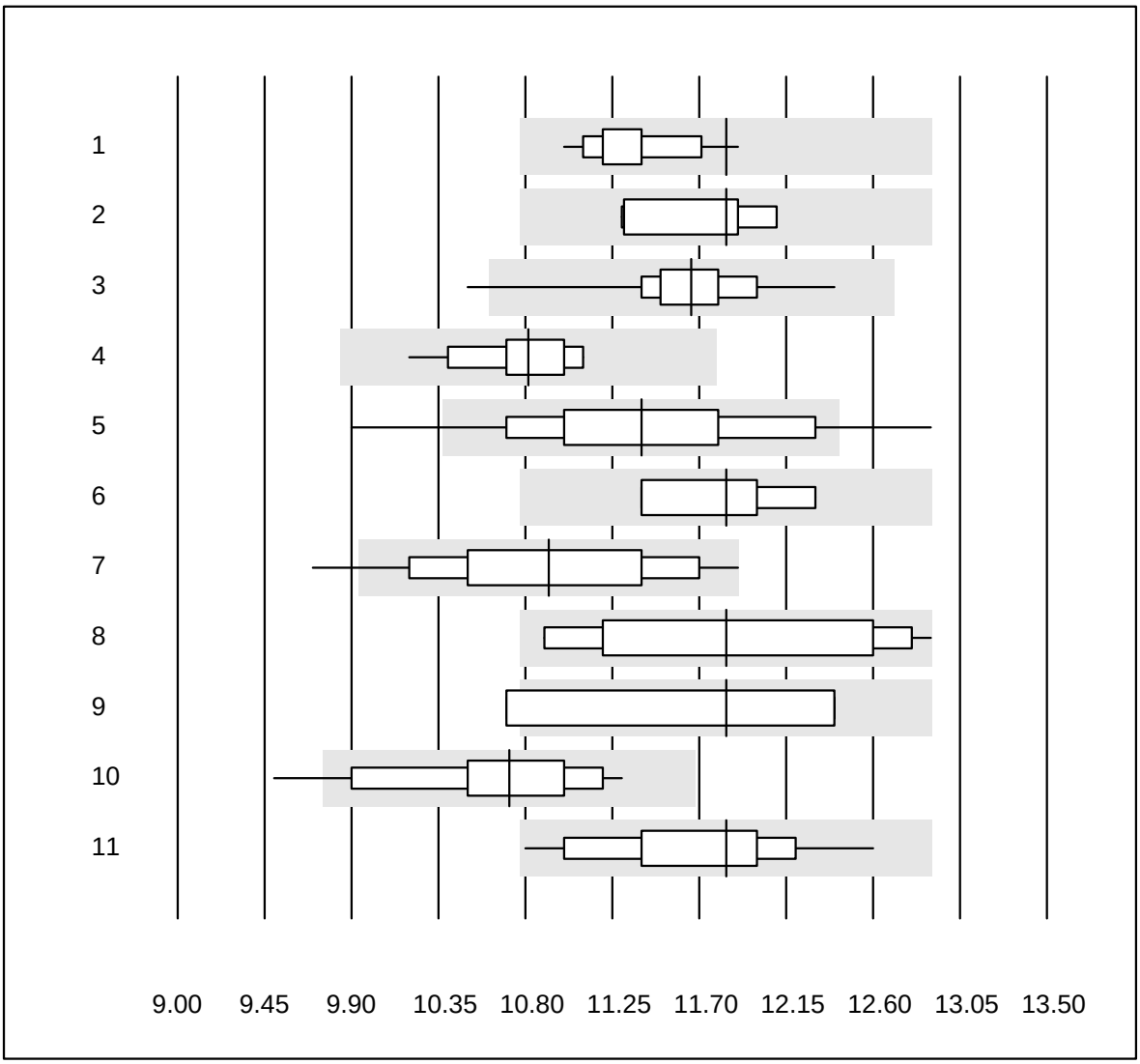


QUALAB tolerance : 9 %

HbA1c sample A (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Roche, Cobas	13	100.0	0.0	0.0	5.8	2.0	a
2	HPLC	8	100.0	0.0	0.0	5.8	3.0	a
3	Afinion	715	99.2	0.4	0.4	5.7	2.4	e
4	Cobas b101	60	100.0	0.0	0.0	5.7	2.5	e
5	DCA2000/Vantage	195	97.9	2.1	0.0	5.6	3.3	e
6	Celltac chemi	8	75.0	25.0	0.0	5.8	3.9	a
7	NycoCard	55	90.9	1.8	7.3	5.8	4.6	a
8	Eurolyser	9	88.9	0.0	11.1	5.8	2.2	a
9	Hemocue HbA1c 501	9	66.7	11.1	22.2	6.3	6.4	e*
10	AFIAS	18	100.0	0.0	0.0	5.8	4.6	a
11	Others	18	100.0	0.0	0.0	5.8	4.5	a

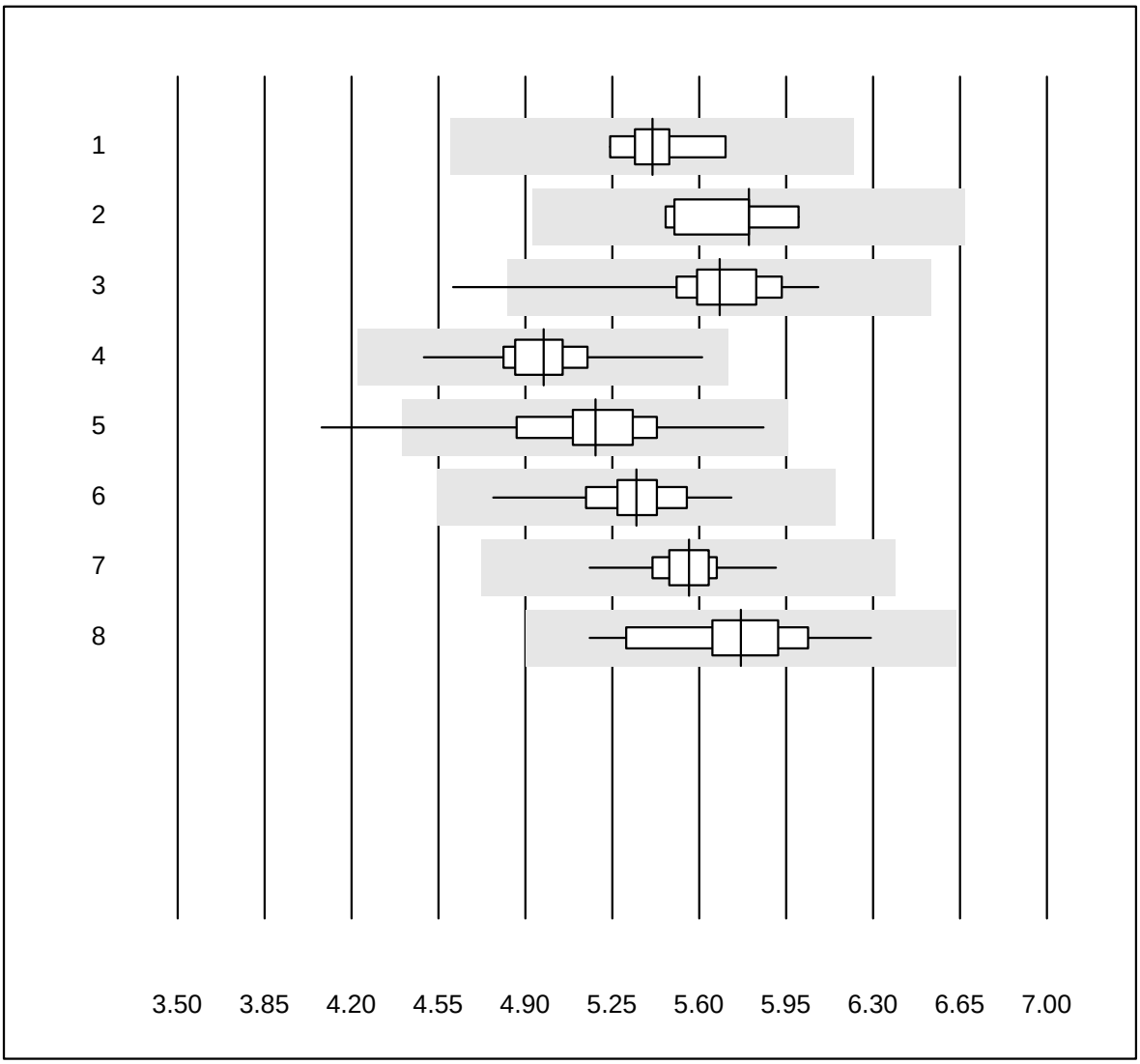
HbA1c sample B



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Roche, Cobas	14	100.0	0.0	0.0	11.8	2.1	a
2	HPLC	8	100.0	0.0	0.0	11.8	2.6	a
3	Afinion	665	98.9	0.2	0.9	11.7	2.1	e
4	Cobas b101	44	100.0	0.0	0.0	10.8	2.2	e
5	DCA2000/Vantage	210	89.0	8.6	2.4	11.4	5.2	e
6	Celltac chemi	5	80.0	0.0	20.0	11.8	3.2	a
7	NycoCard	32	87.4	6.3	6.3	10.9	5.1	e
8	Eurolyser	15	86.7	0.0	13.3	11.8	6.5	a
9	Hemocue HbA1c 501	4	50.0	25.0	25.0	11.8	7.4	a
10	AFIAS	29	93.1	6.9	0.0	10.7	4.2	e
11	Others	16	93.7	0.0	6.3	11.8	4.3	a

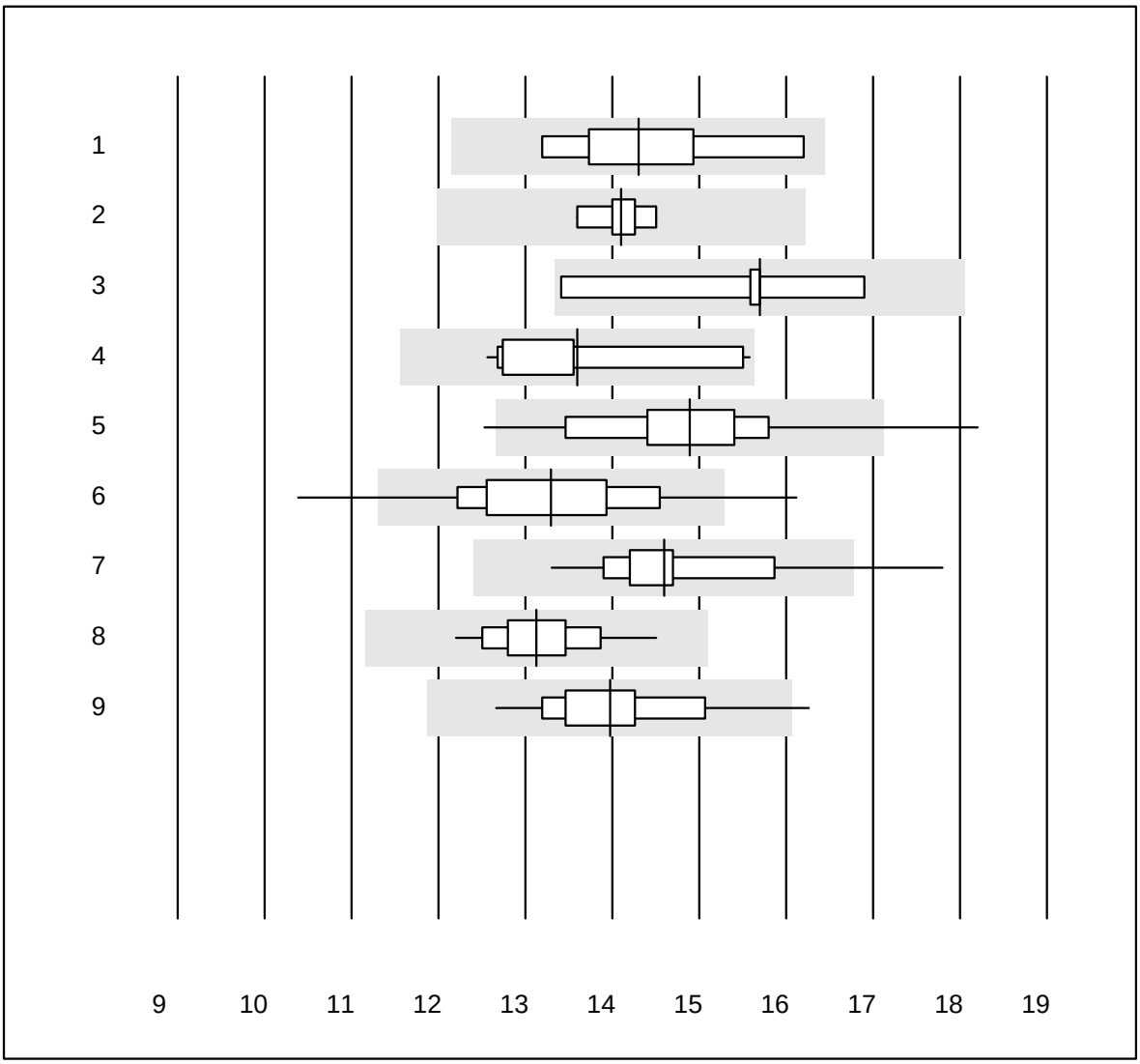
pCO2



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL80 FLEX	9	100.0	0.0	0.0	5.41	2.8	e
2	GEM	5	100.0	0.0	0.0	5.80	4.0	e
3	Cobas	21	95.2	4.8	0.0	5.68	5.4	e
4	iStat	39	94.9	0.0	5.1	4.97	3.8	e
5	EPOC	42	92.8	4.8	2.4	5.18	6.2	e
6	ABL700/800	75	96.0	0.0	4.0	5.35	3.0	e
7	ABL90 FLEX / PLUS	49	100.0	0.0	0.0	5.56	2.3	e
8	ABL80 FLEX CO-OX / O	15	93.3	0.0	6.7	5.77	5.2	e

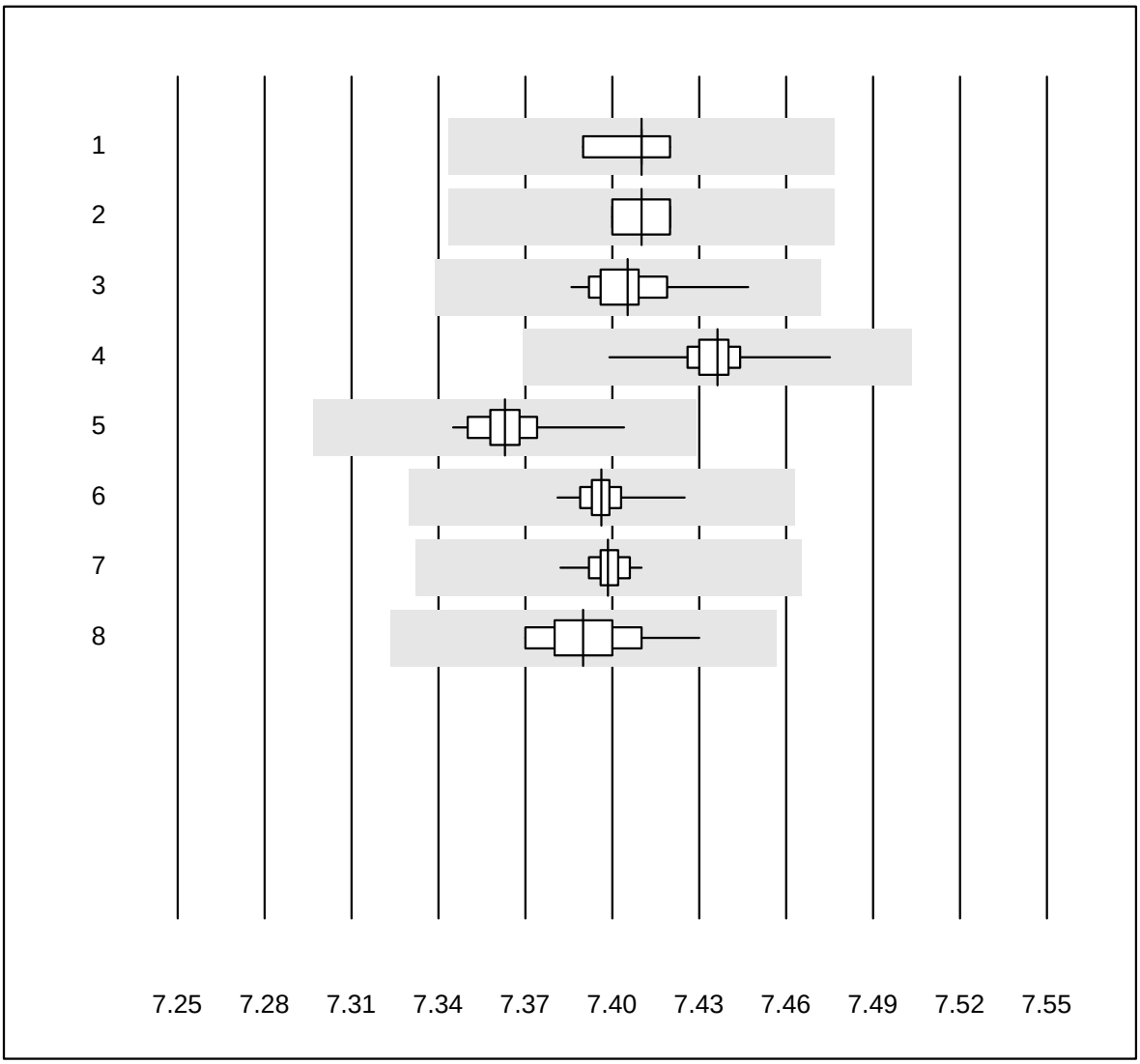
pO2



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL80 FLEX	9	100.0	0.0	0.0	14.30	6.9	e*
2	GEM	5	100.0	0.0	0.0	14.10	2.4	e
3	Cobas b221	5	100.0	0.0	0.0	15.69	8.2	e*
4	Cobas b121/123	13	92.3	0.0	7.7	13.60	8.3	e*
5	iStat	39	87.2	7.7	5.1	14.89	7.4	e
6	EPOC	42	88.1	7.1	4.8	13.30	8.2	e
7	ABL700/800	74	93.2	1.4	5.4	14.59	5.1	e
8	ABL90 FLEX / PLUS	51	92.2	0.0	7.8	13.13	4.0	e
9	ABL80 FLEX CO-OX / O	15	80.0	6.7	13.3	13.97	6.6	e

pH

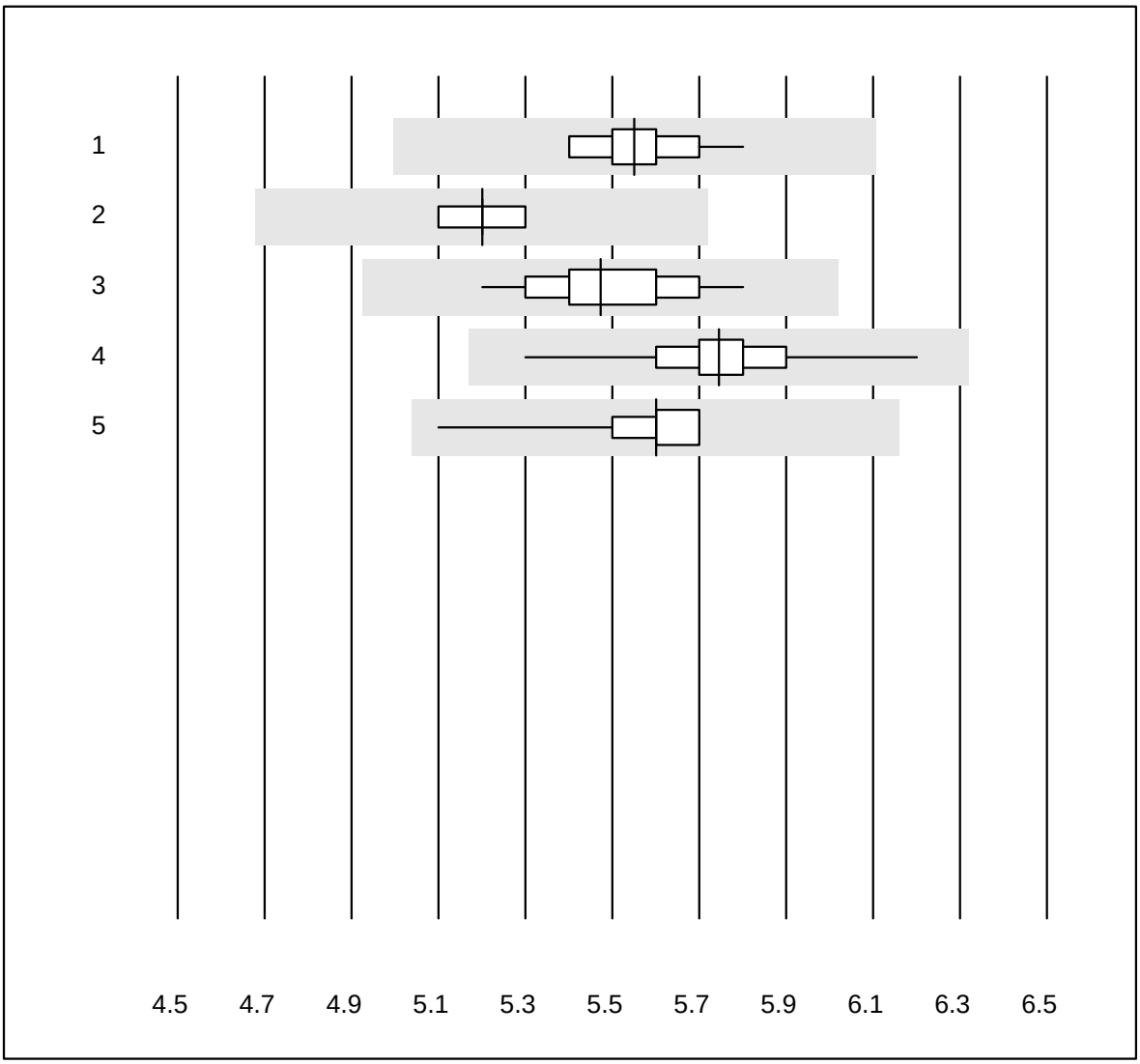


QUALAB tolerance : 1 %

pH ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL80 FLEX	9	100.0	0.0	0.0	7.41	0.1	e
2	GEM	5	100.0	0.0	0.0	7.41	0.1	e
3	Cobas	20	100.0	0.0	0.0	7.41	0.2	e
4	iStat	40	100.0	0.0	0.0	7.44	0.1	e
5	EPOC	41	97.6	0.0	2.4	7.36	0.1	e
6	ABL700/800	75	98.7	0.0	1.3	7.40	0.1	e
7	ABL90 FLEX / PLUS	51	100.0	0.0	0.0	7.40	0.1	e
8	ABL80 FLEX CO-OX / O	15	100.0	0.0	0.0	7.39	0.2	e

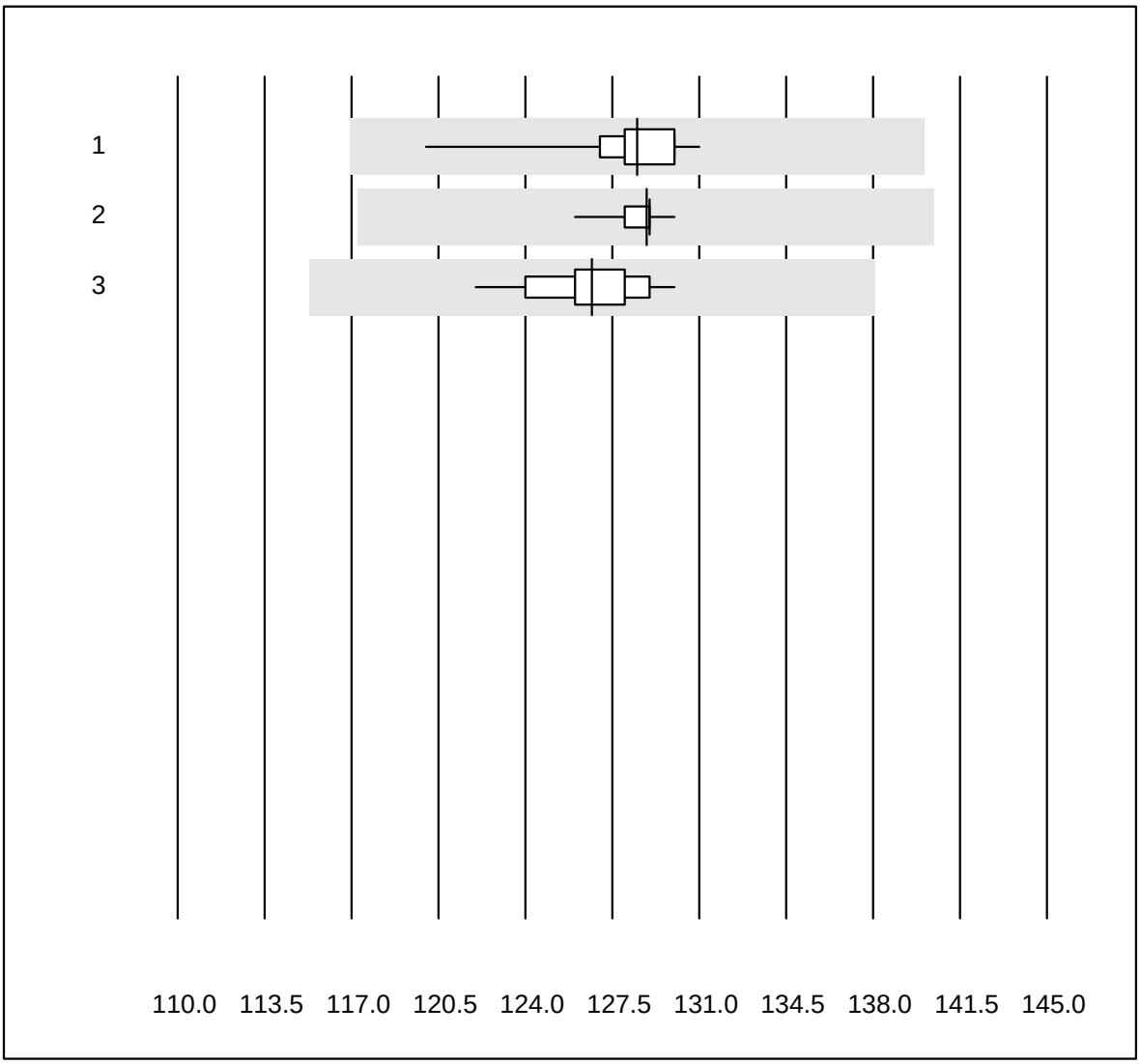
Glucose BG



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	10	100.0	0.0	0.0	5.6	2.3	e
2	iStat	9	100.0	0.0	0.0	5.2	1.2	e
3	EPOC	29	100.0	0.0	0.0	5.5	2.8	e
4	ABL700/800	64	98.4	0.0	1.6	5.7	2.5	e
5	ABL90 FLEX / PLUS	49	100.0	0.0	0.0	5.6	1.9	e

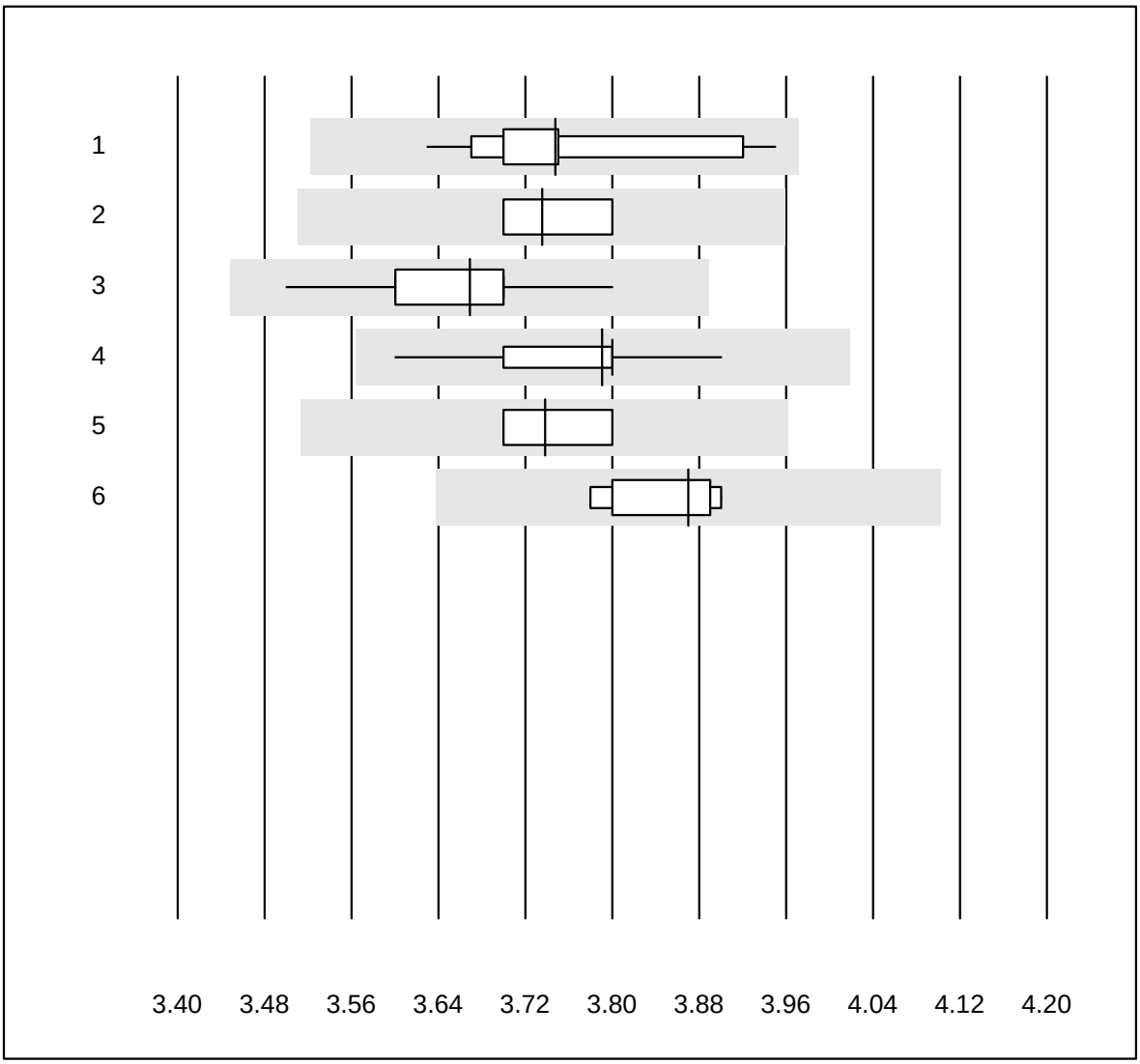
Hemoglobin BG



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	66	90.9	0.0	9.1	128.5	1.7	e
2	ABL90 FLEX / PLUS	47	100.0	0.0	0.0	128.9	0.5	e
3	ABL80 FLEX CO-OX / O	12	100.0	0.0	0.0	126.7	1.7	e

Potassium BG

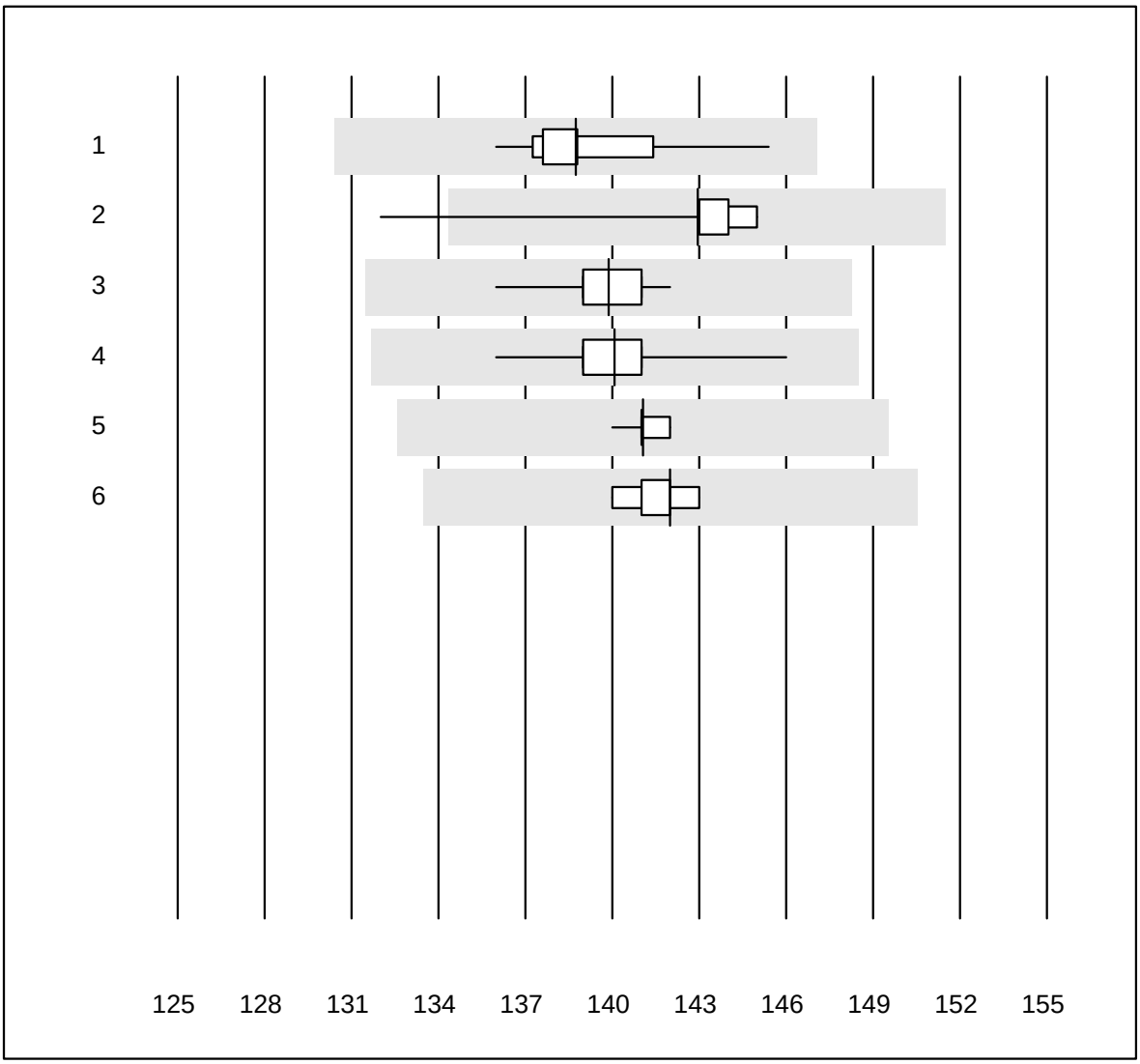


QUALAB tolerance : 6 %

Potassium BG (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	22	100.0	0.0	0.0	3.7	2.2	e
2	iStat	17	100.0	0.0	0.0	3.7	1.3	e
3	EPOC	35	100.0	0.0	0.0	3.7	1.6	e
4	ABL700/800	66	98.5	0.0	1.5	3.8	1.3	e
5	ABL90 FLEX / PLUS	50	100.0	0.0	0.0	3.7	1.3	e
6	ABL80 FLEX CO-OX / O	6	100.0	0.0	0.0	3.9	1.3	e

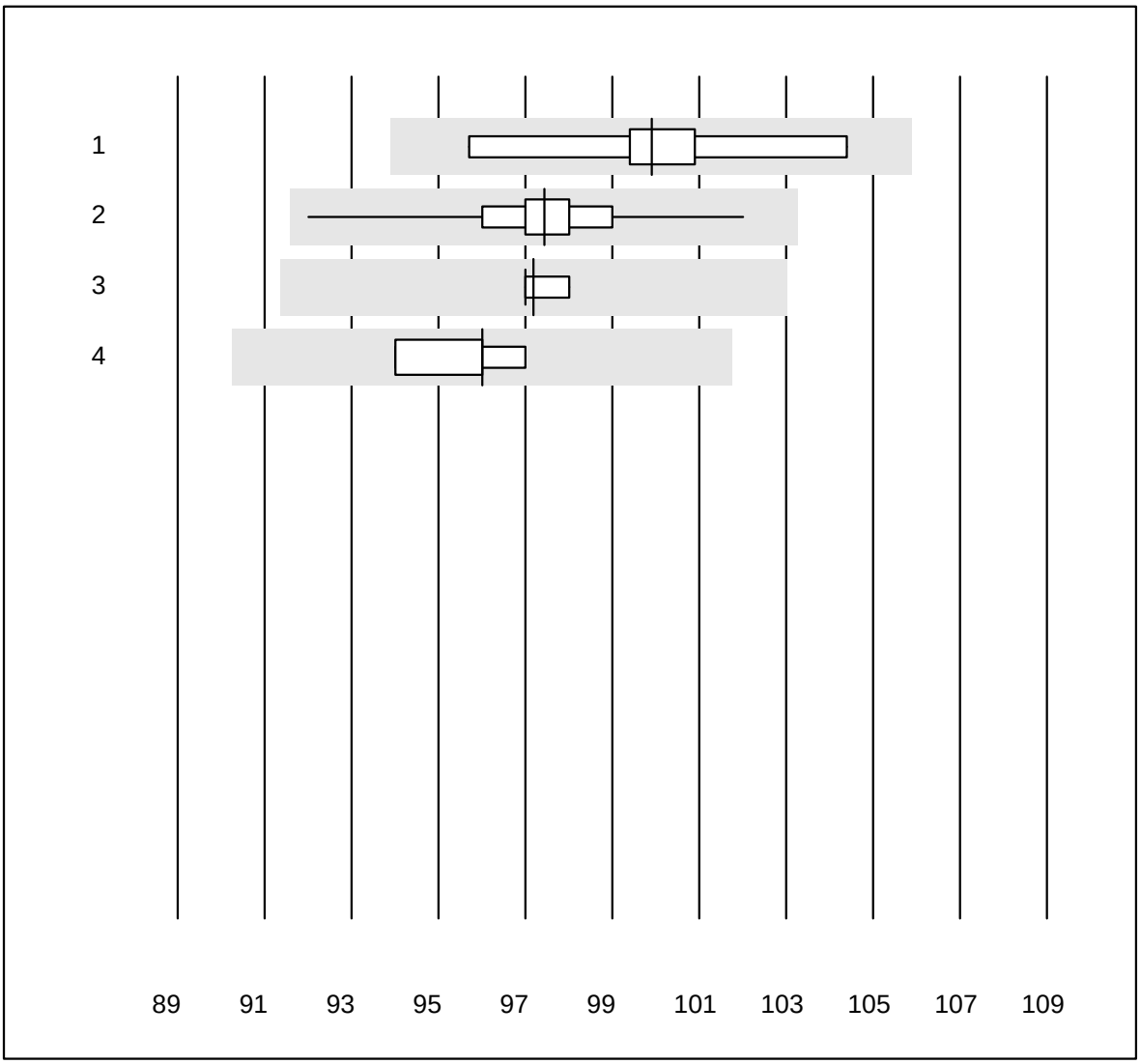
Sodium BG



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	22	100.0	0.0	0.0	138.7	1.7	e
2	iStat	17	94.1	5.9	0.0	142.9	2.0	e
3	EPOC	33	100.0	0.0	0.0	139.9	0.9	e
4	ABL700/800	64	98.4	0.0	1.6	140.1	1.0	e
5	ABL90 FLEX / PLUS	51	100.0	0.0	0.0	141.1	0.3	e
6	ABL80 FLEX CO-OX / O	6	100.0	0.0	0.0	142.0	0.7	e

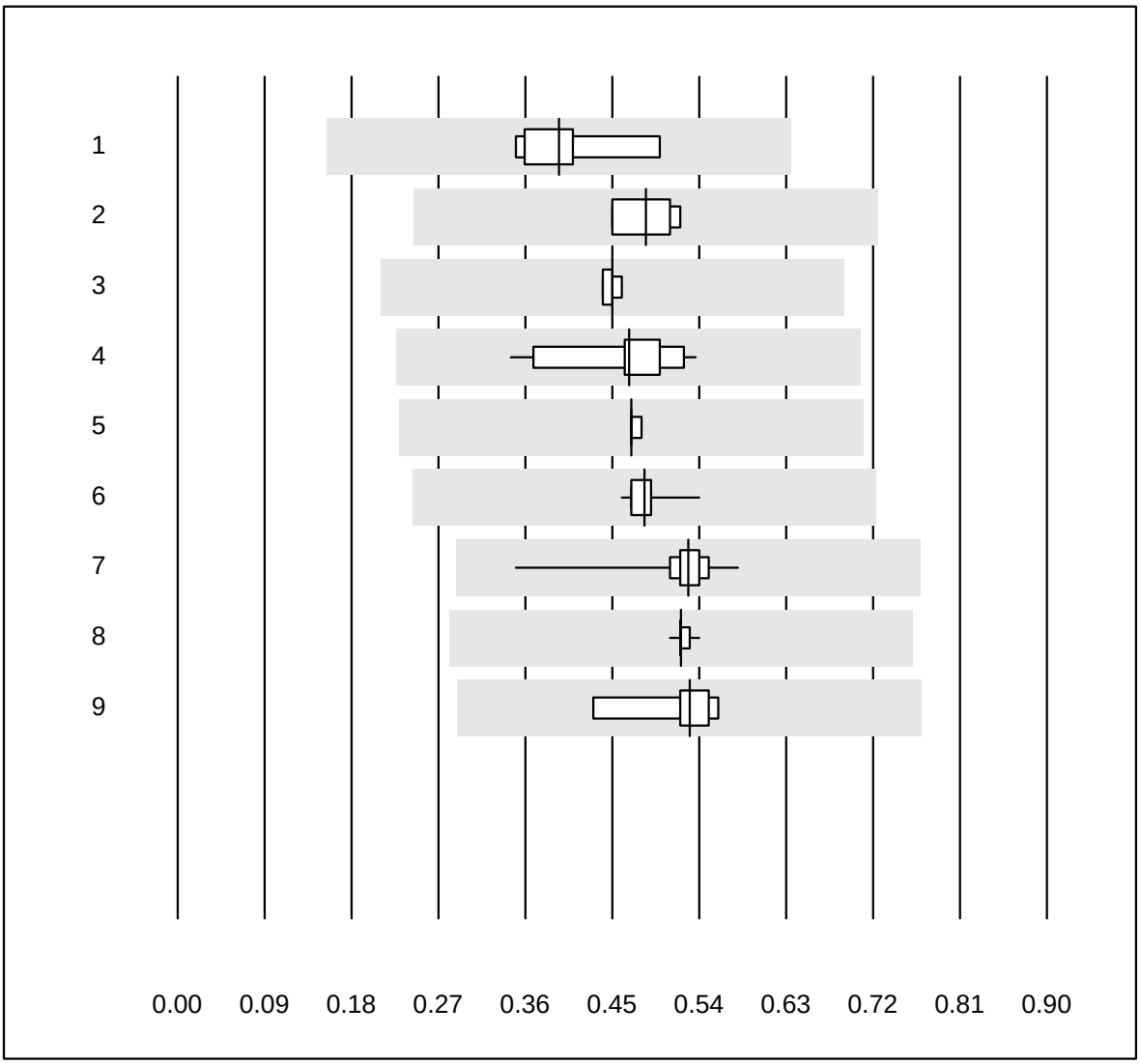
Chlorid-BG



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	9	100.0	0.0	0.0	99.9	2.6	e*
2	ABL700/800	56	100.0	0.0	0.0	97.4	1.4	e
3	ABL90 FLEX / PLUS	50	100.0	0.0	0.0	97.2	0.4	e
4	ABL80 FLEX CO-OX / O	4	100.0	0.0	0.0	96.0	1.3	e

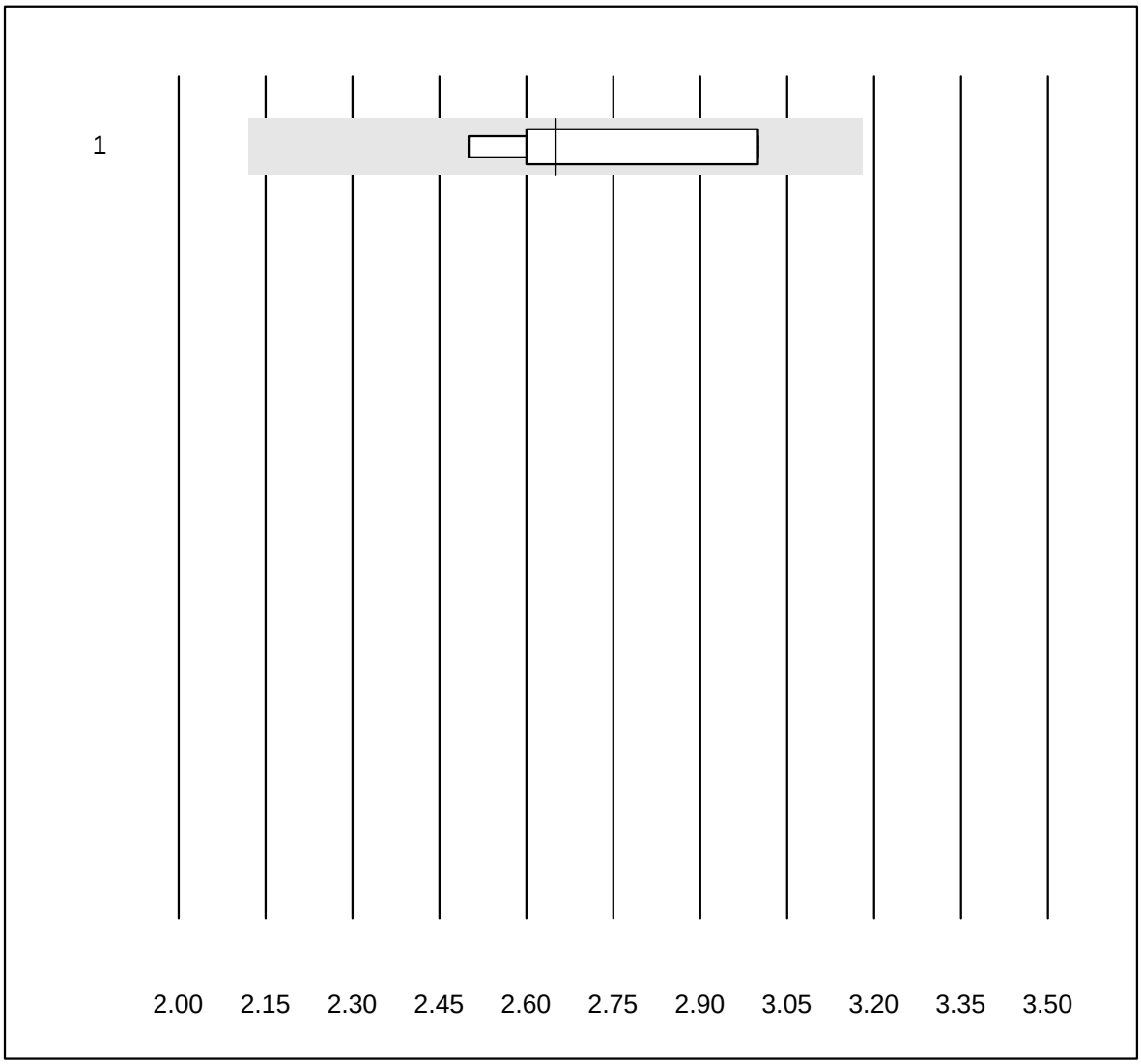
Calcium-BG



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

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b123	8	100.0	0.0	0.0	0.39	12.0	e*
2	ABL80 FLEX	4	100.0	0.0	0.0	0.49	7.2	e*
3	GEM	4	100.0	0.0	0.0	0.45	1.8	e
4	Cobas	13	100.0	0.0	0.0	0.47	11.7	e*
5	iStat	9	100.0	0.0	0.0	0.47	0.7	e
6	EPOC	32	100.0	0.0	0.0	0.48	3.5	e
7	ABL700/800	65	100.0	0.0	0.0	0.53	5.4	e
8	ABL90 FLEX / PLUS	51	100.0	0.0	0.0	0.52	0.9	e
9	ABL80 FLEX CO-OX / O	5	100.0	0.0	0.0	0.53	10.0	e*

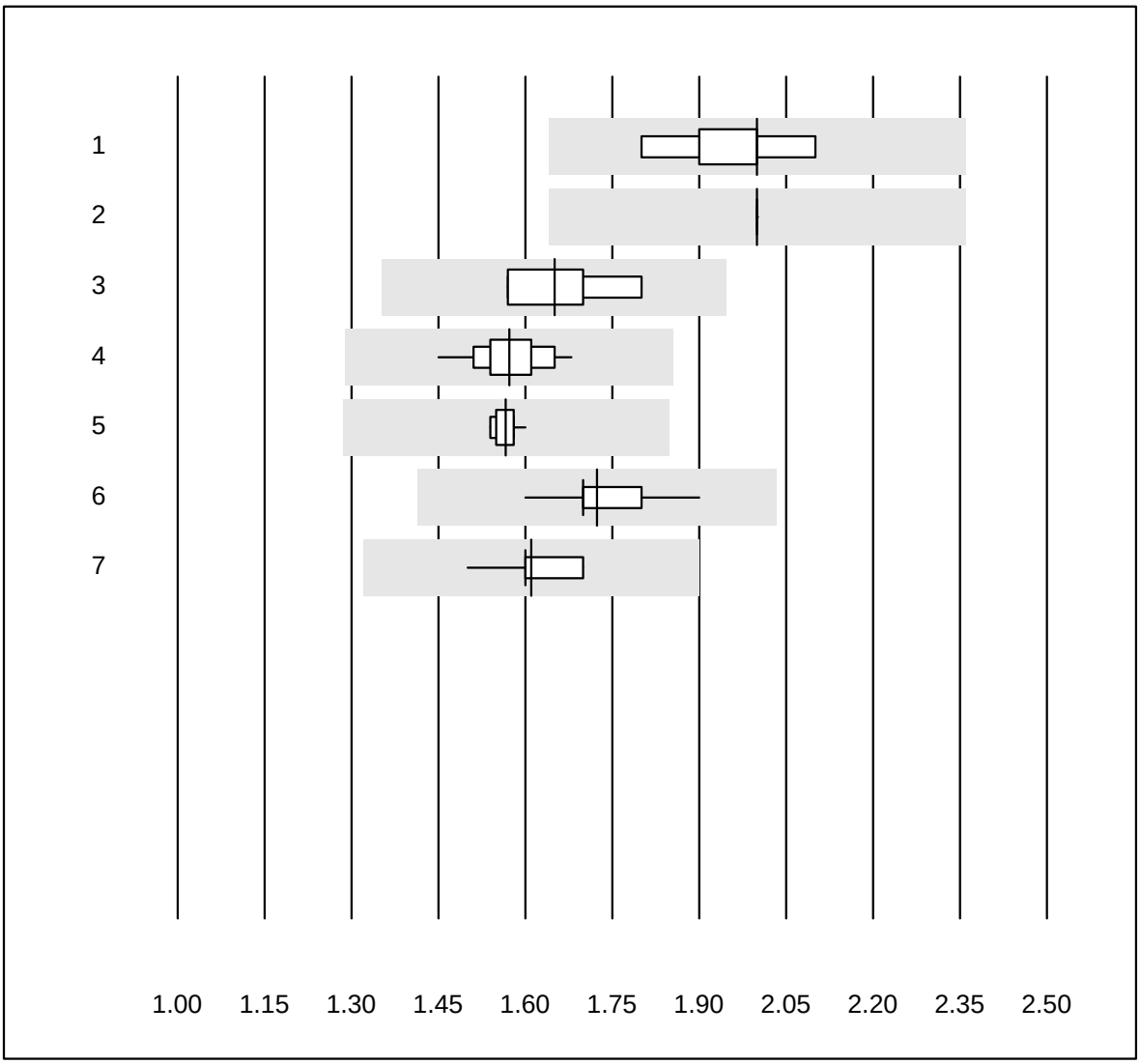
FHHb



MQ tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL80 FLEX CO-OX / O	6	100.0	0.0	0.0	2.650	7.9	e*

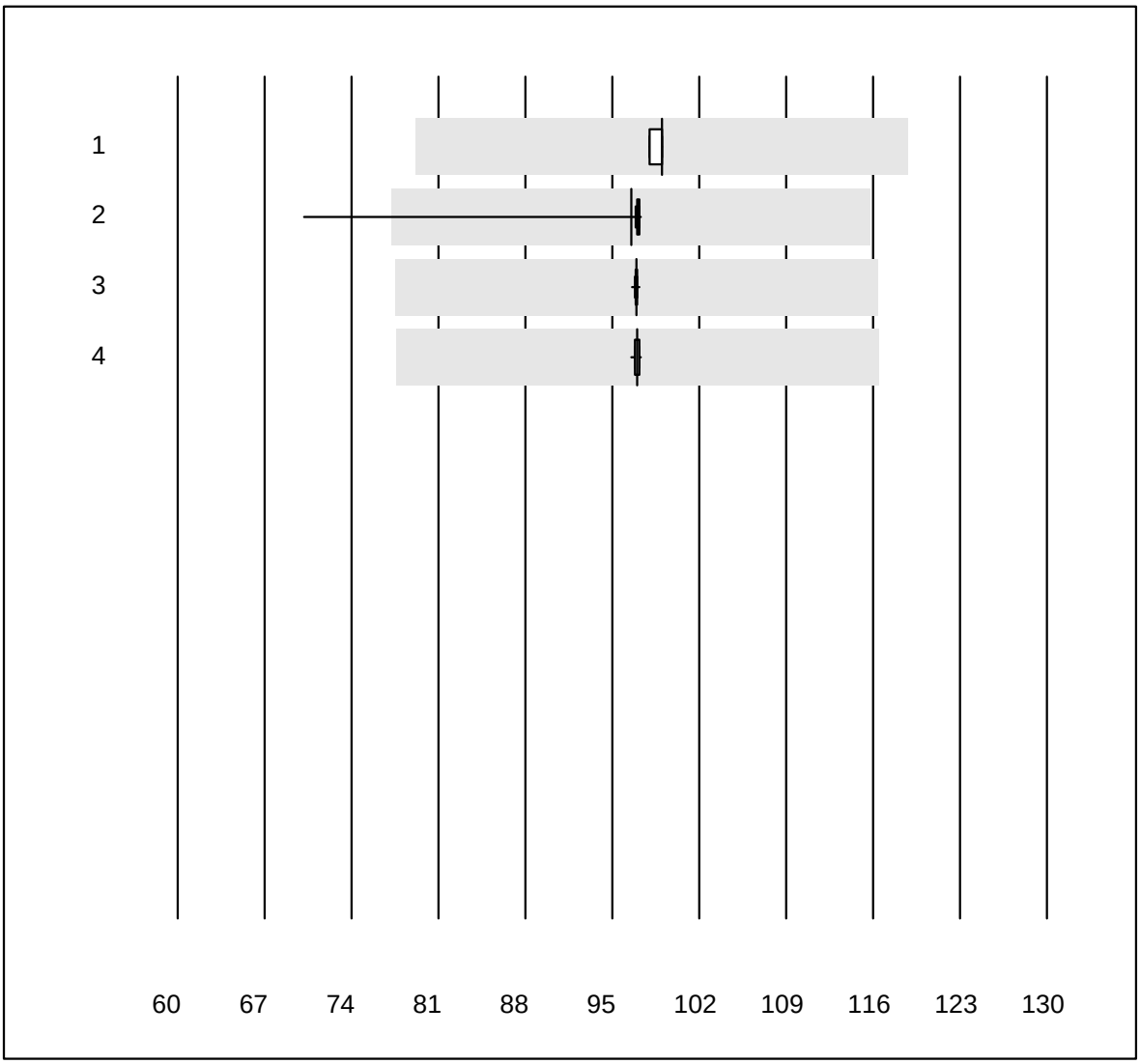
Lactate-BG



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b123	7	100.0	0.0	0.0	2.00	4.8	e
2	Cobas	5	100.0	0.0	0.0	2.00	0.0	e
3	IL	4	100.0	0.0	0.0	1.65	6.3	e*
4	EPOC	36	100.0	0.0	0.0	1.57	3.3	e
5	iStat	11	100.0	0.0	0.0	1.57	1.3	e
6	ABL700/800	68	100.0	0.0	0.0	1.72	3.3	e
7	ABL90 FLEX / PLUS	51	100.0	0.0	0.0	1.61	2.6	e

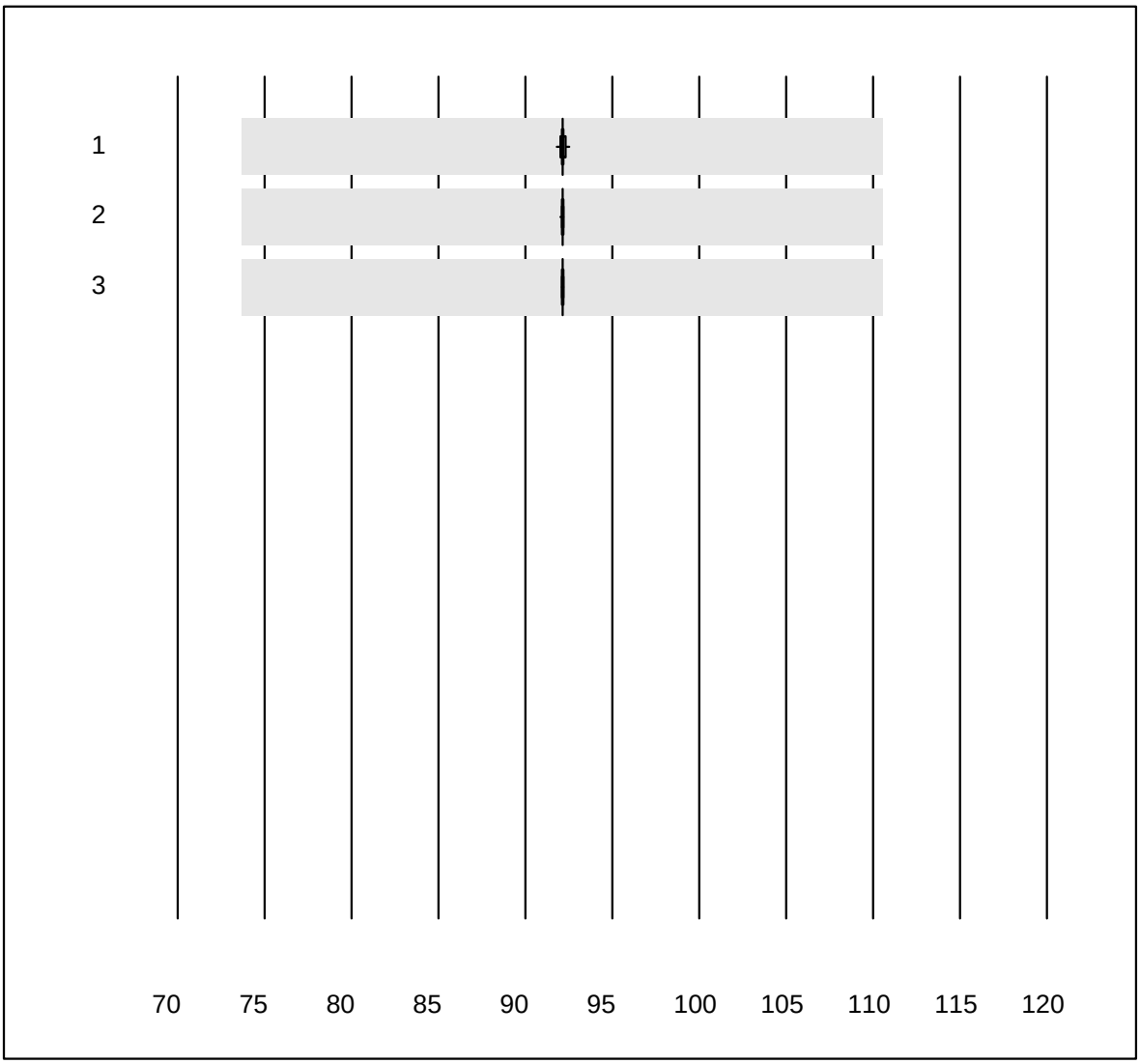
sO2 OR



MQ tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	iStat	9	100.0	0.0	0.0	99.000	0.5	e
2	ABL700/800	51	98.0	2.0	0.0	96.529	3.9	e
3	ABL90 FLEX / PLUS	44	100.0	0.0	0.0	96.936	0.1	e
4	ABL80 FLEX CO-OX / O	11	100.0	0.0	0.0	97.009	0.3	e

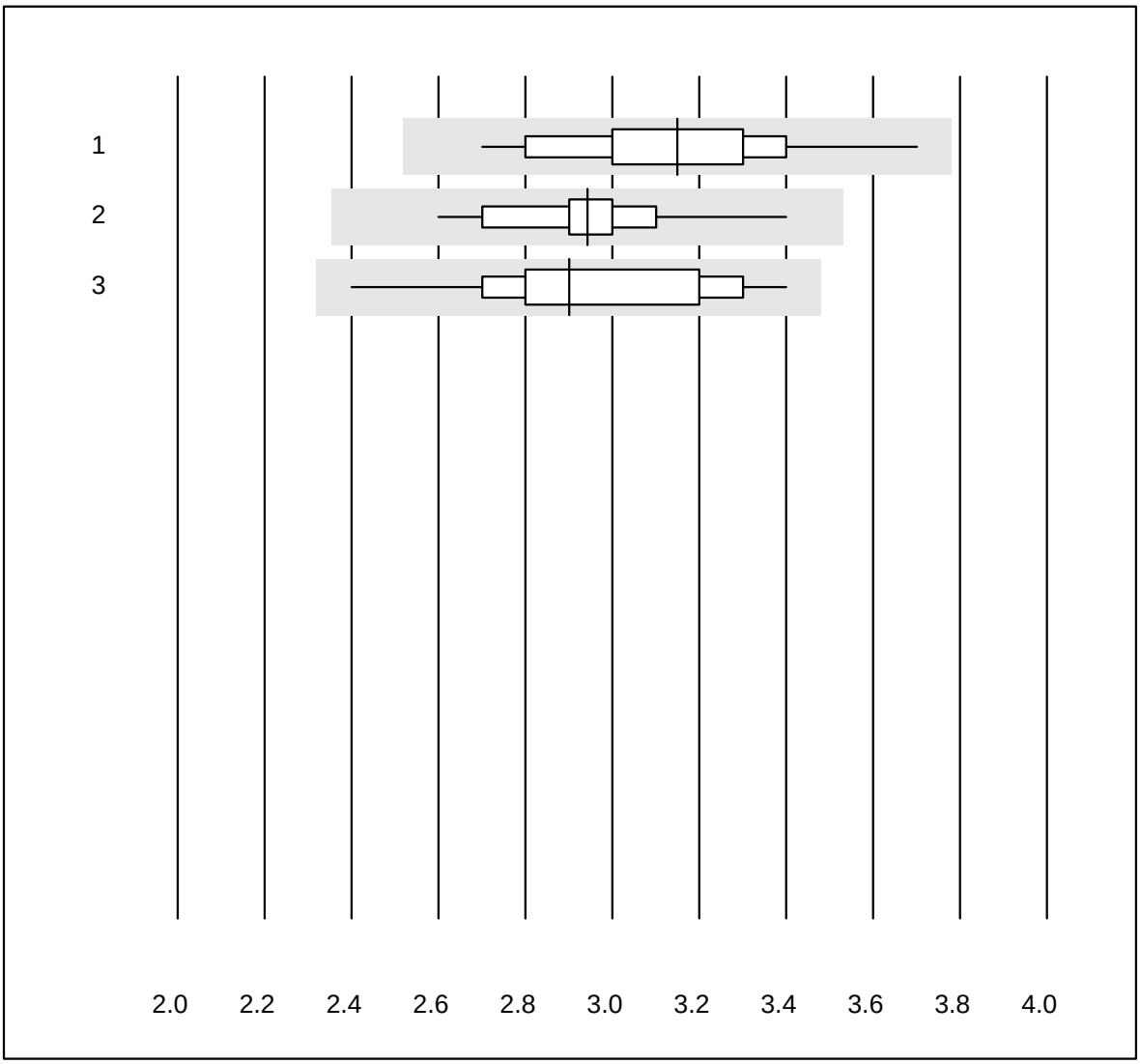
FO2Hb OR



MQ tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	48	97.9	0.0	2.1	92.130	0.1	e
2	ABL90 FLEX / PLUS	47	100.0	0.0	0.0	92.145	0.1	e
3	ABL80 FLEX CO-OX / O	14	100.0	0.0	0.0	92.136	0.1	e

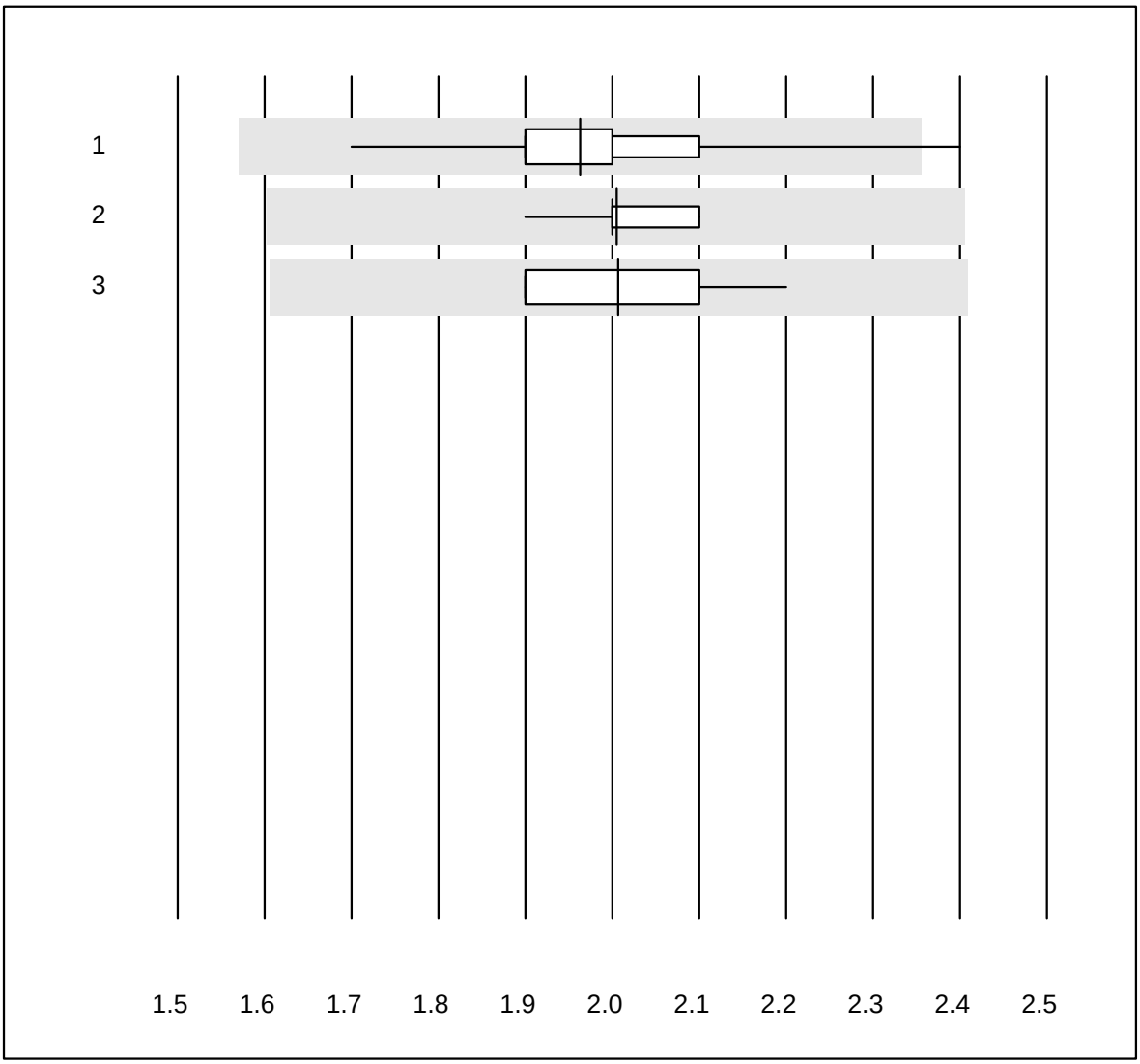
FCOHb OR



MQ tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	50	96.0	0.0	4.0	3.150	7.1	e
2	ABL90 FLEX / PLUS	45	100.0	0.0	0.0	2.942	4.8	e
3	ABL80 FLEX CO-OX / O	14	100.0	0.0	0.0	2.900	9.2	e*

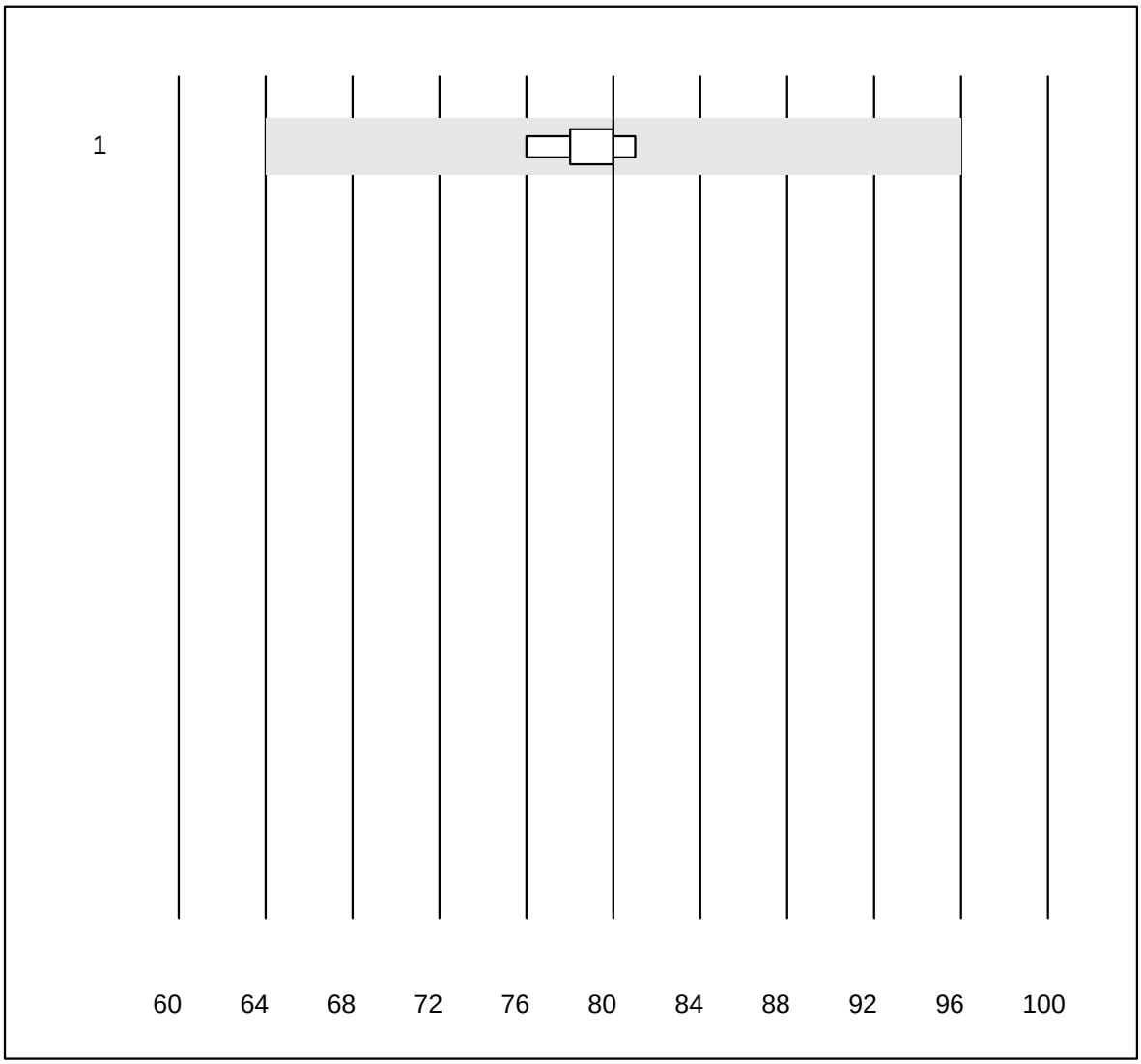
FMetHb OR



MQ tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	55	96.4	1.8	1.8	1.963	5.4	e
2	ABL90 FLEX / PLUS	43	100.0	0.0	0.0	2.005	2.4	e
3	ABL80 FLEX CO-OX / O	14	100.0	0.0	0.0	2.007	5.0	e

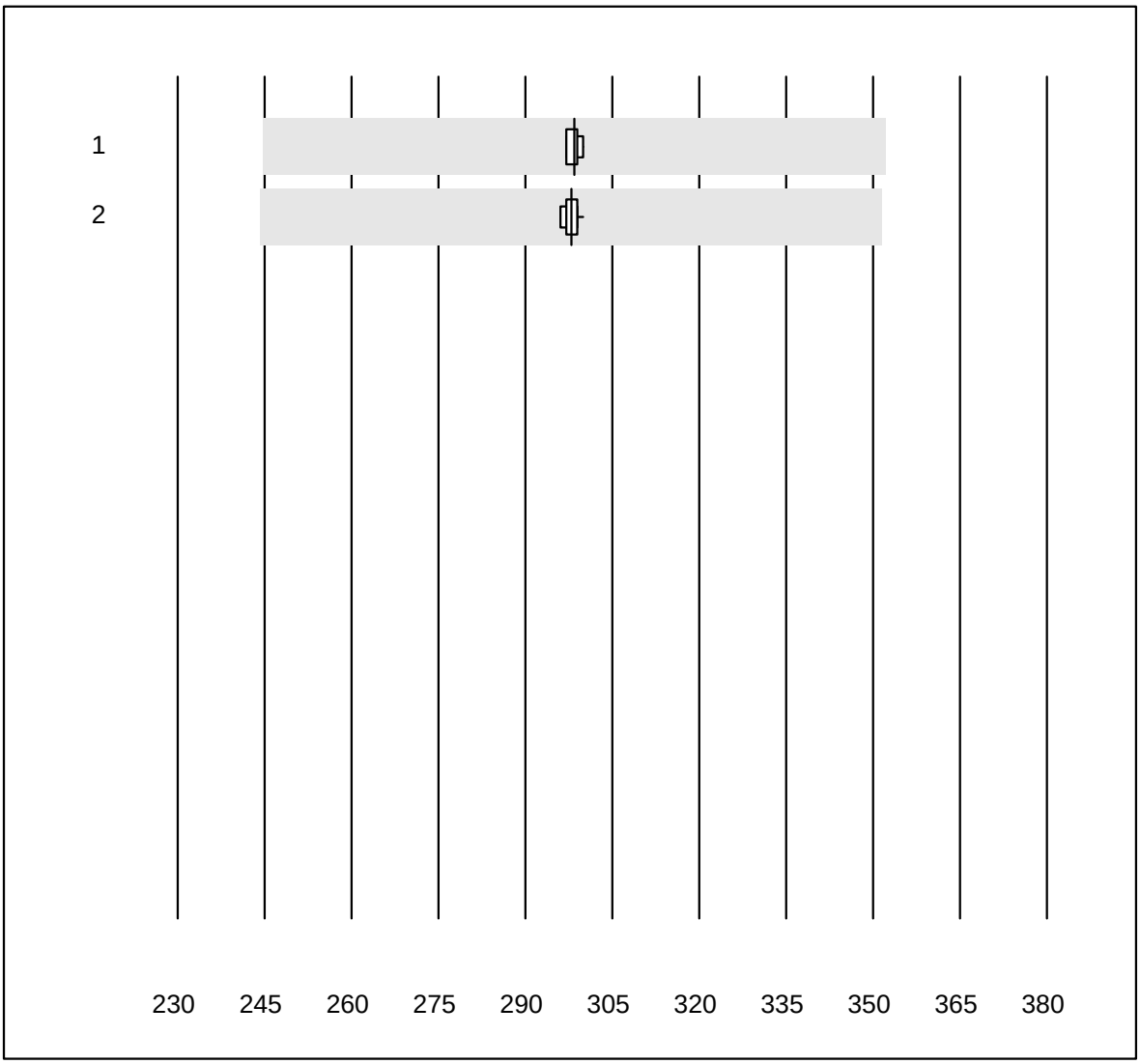
FHbF OR



MQ tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL90 FLEX / PLUS	9	100.0	0.0	0.0	80.000	2.2	e

Bilirubin OR

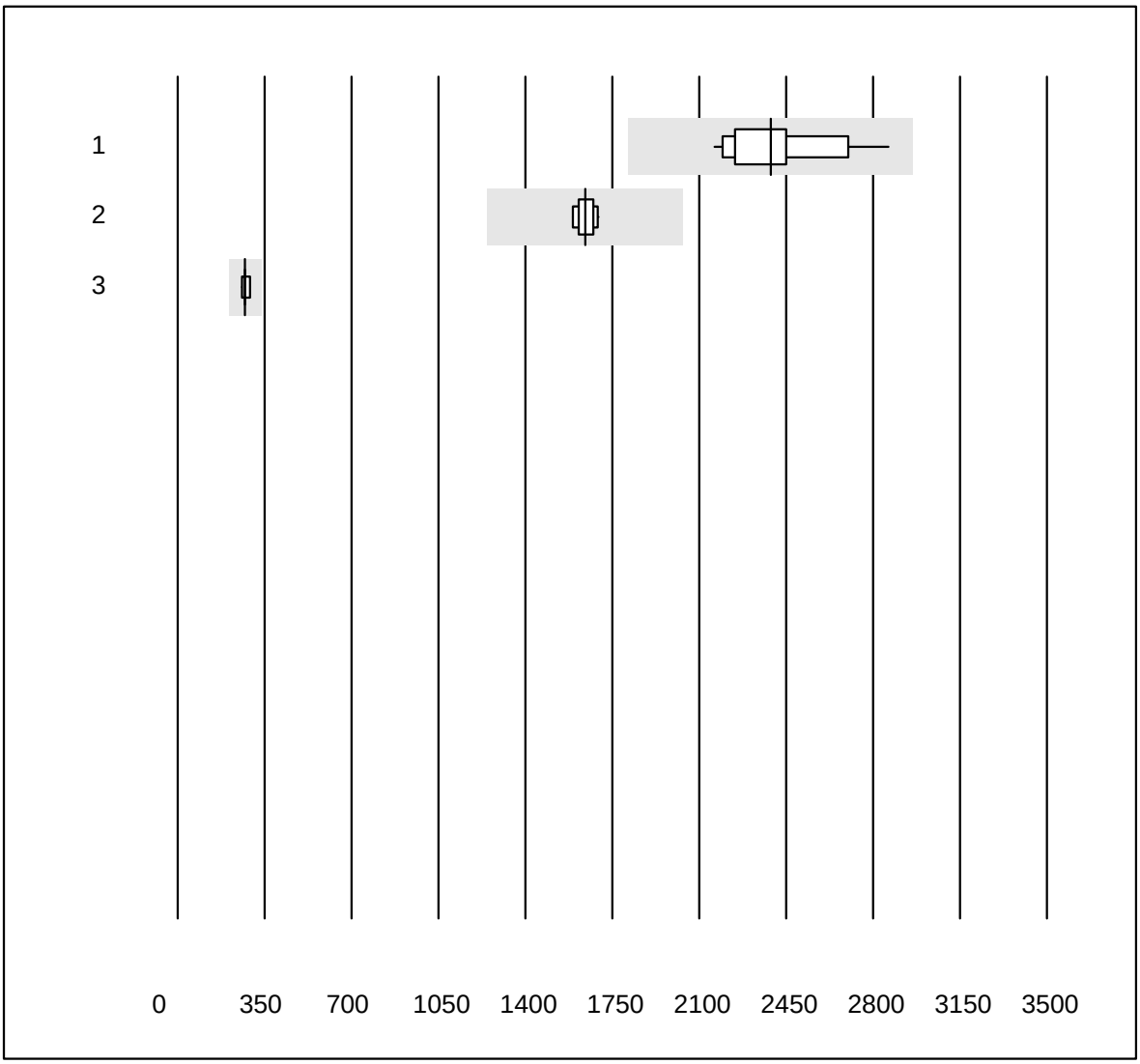


QUALAB tolerance : 18 %

Bilirubin OR (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	4	100.0	0.0	0.0	298.5	0.4	e
2	ABL90 FLEX / PLUS	15	100.0	0.0	0.0	297.9	0.4	e

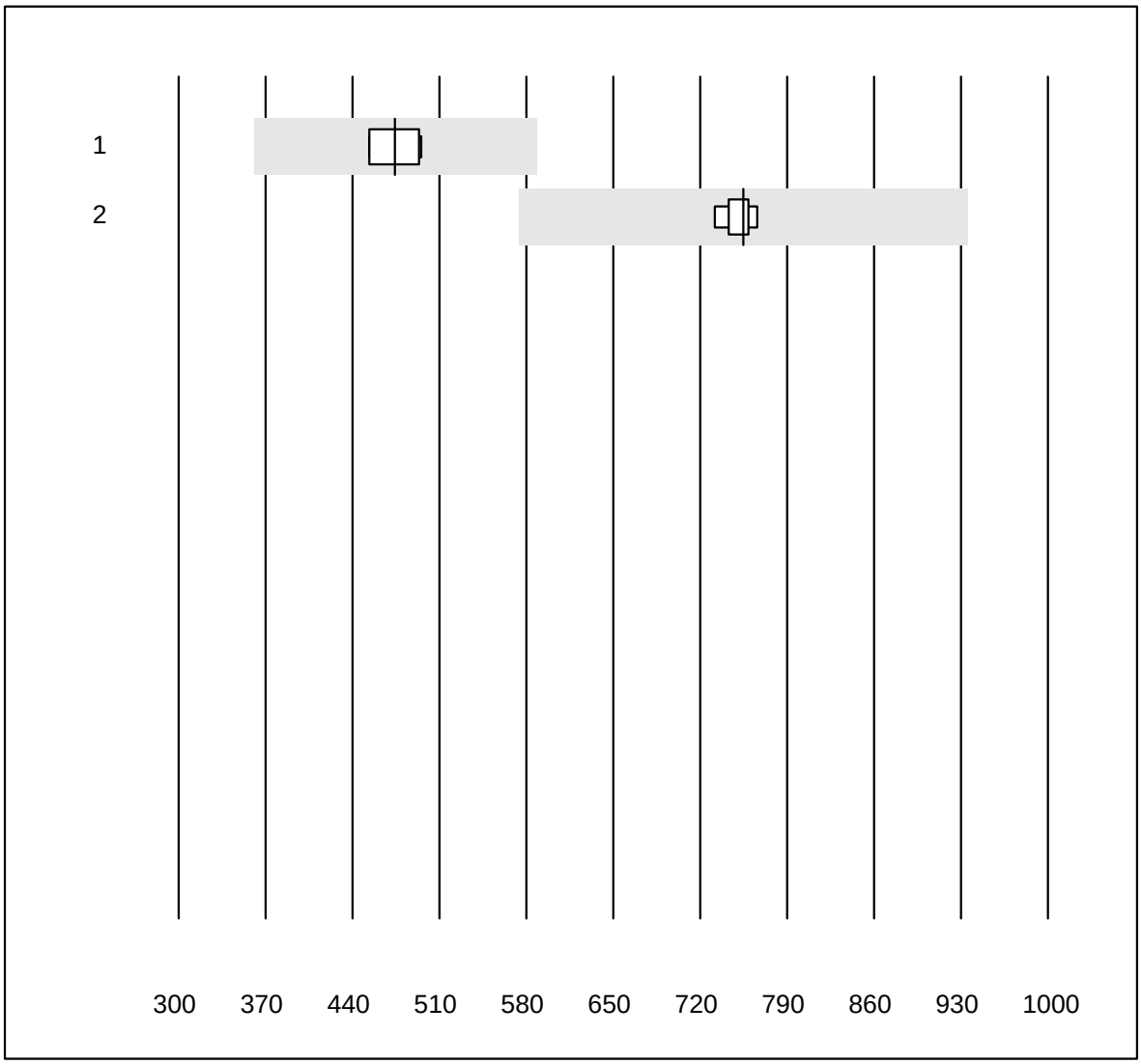
Troponin I



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Vidas	14	100.0	0.0	0.0	2388.8	8.2	e
2	Architect High Sensi	10	100.0	0.0	0.0	1640.7	2.3	e
3	AQT 90 FLEX	5	100.0	0.0	0.0	270.0	4.0	e

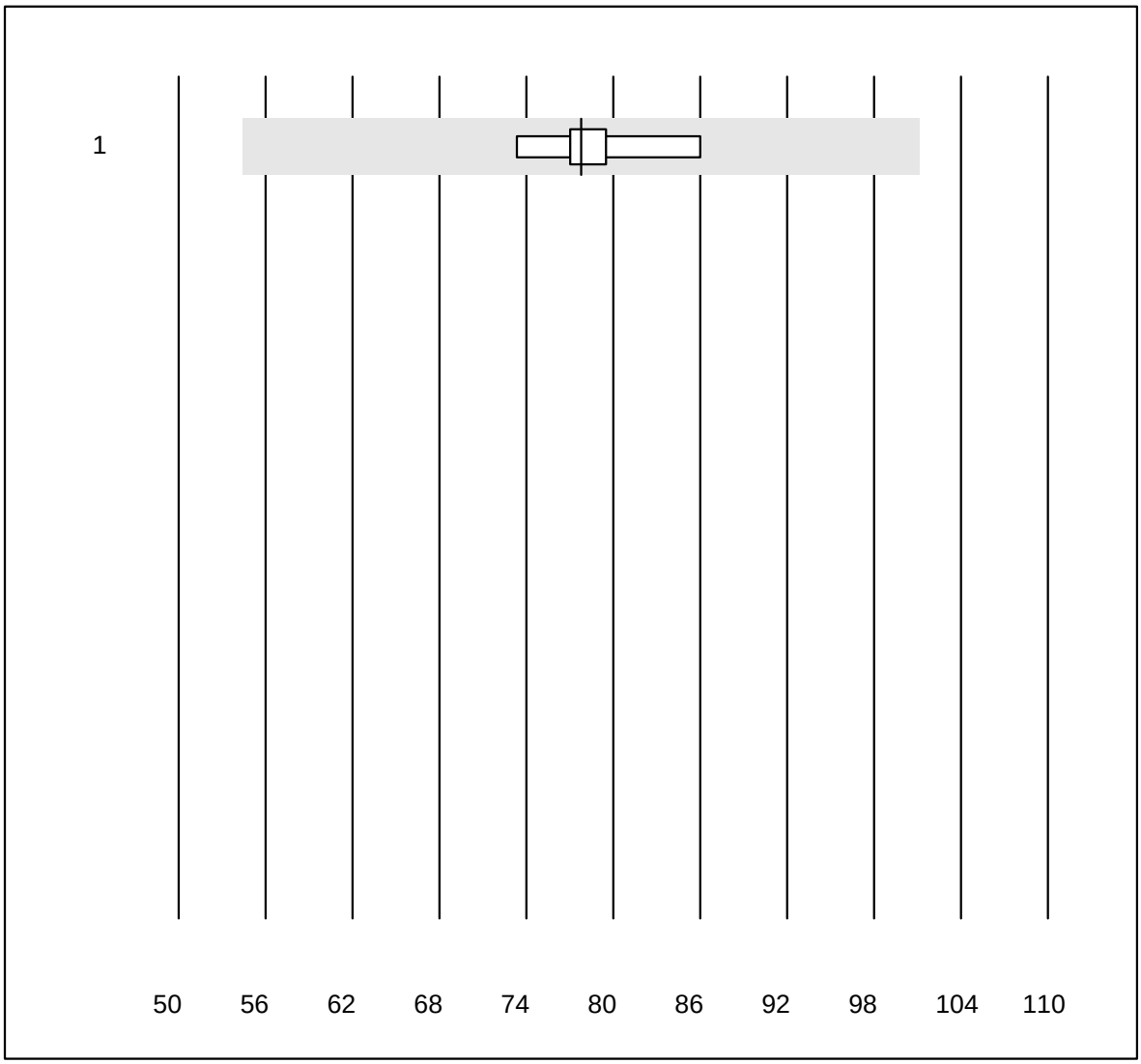
Troponin T



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas hs	4	100.0	0.0	0.0	474.15	4.8	e
2	Cobas hs STAT	8	100.0	0.0	0.0	754.50	1.5	e

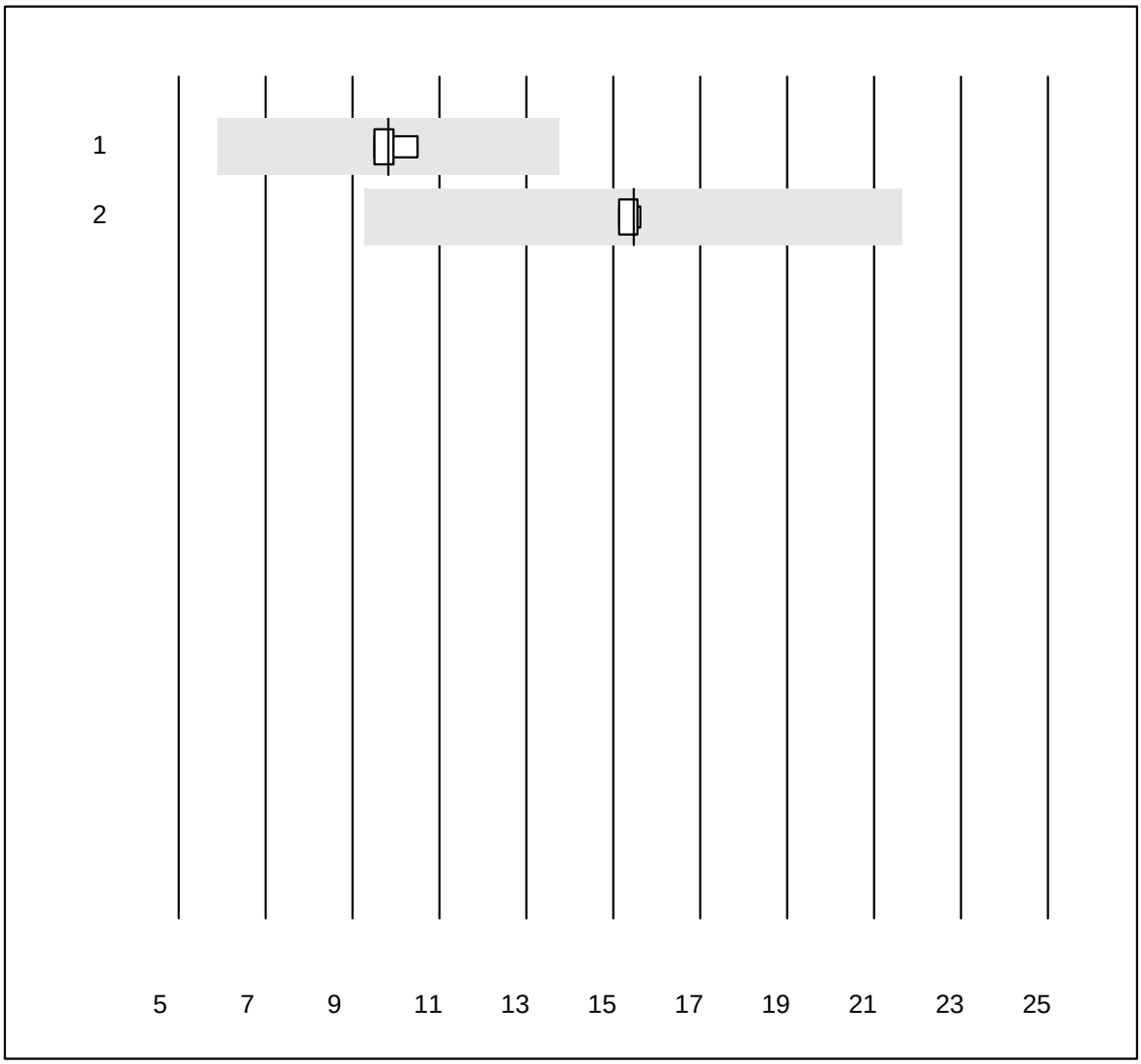
Myoglobin



QUALAB tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	77.8	5.9	e

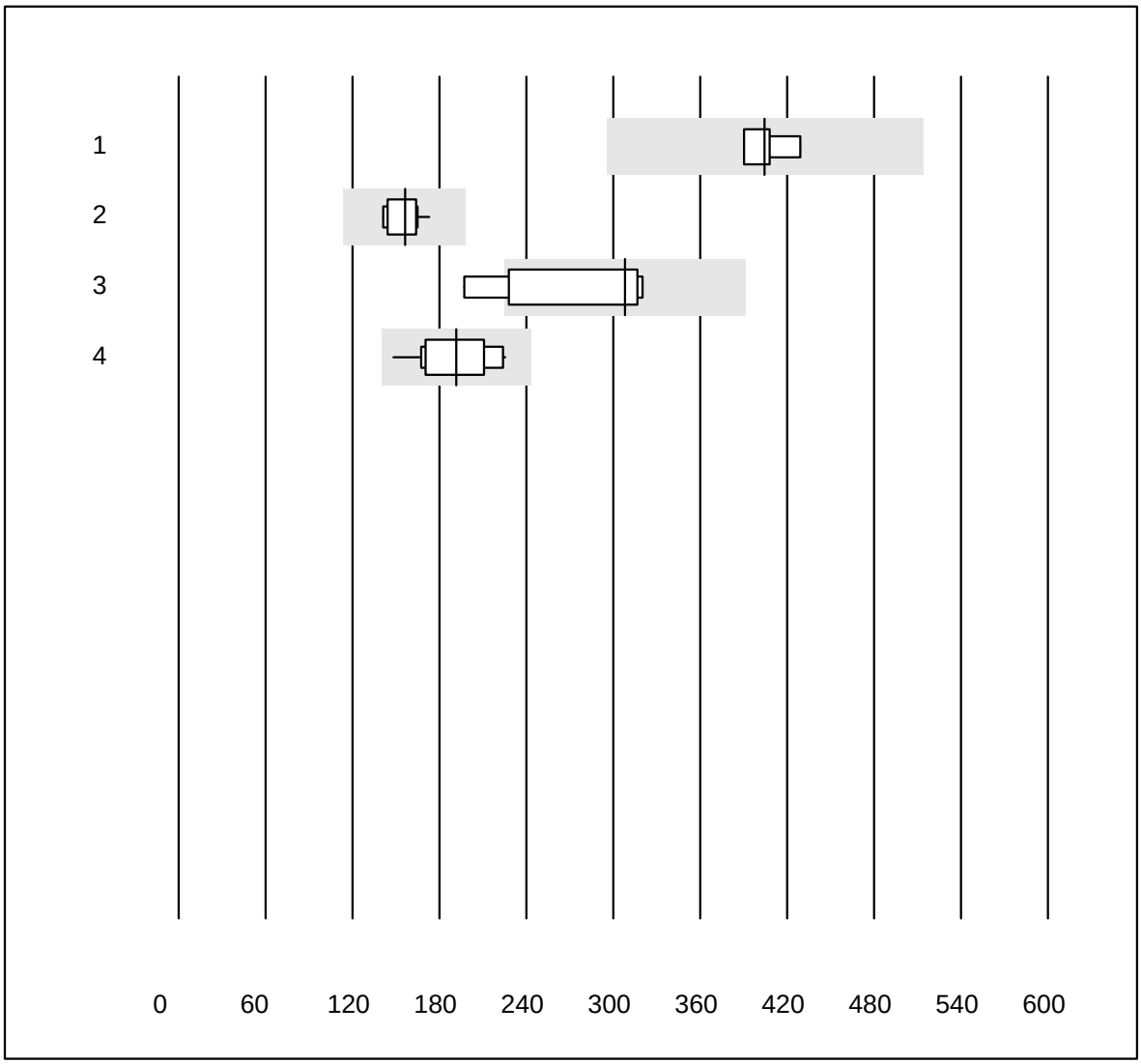
CK-MB mass



MQ tolerance : 40 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	9.8	4.4	e
2	VIDAS	5	100.0	0.0	0.0	15.5	1.5	e

NT-proBNP

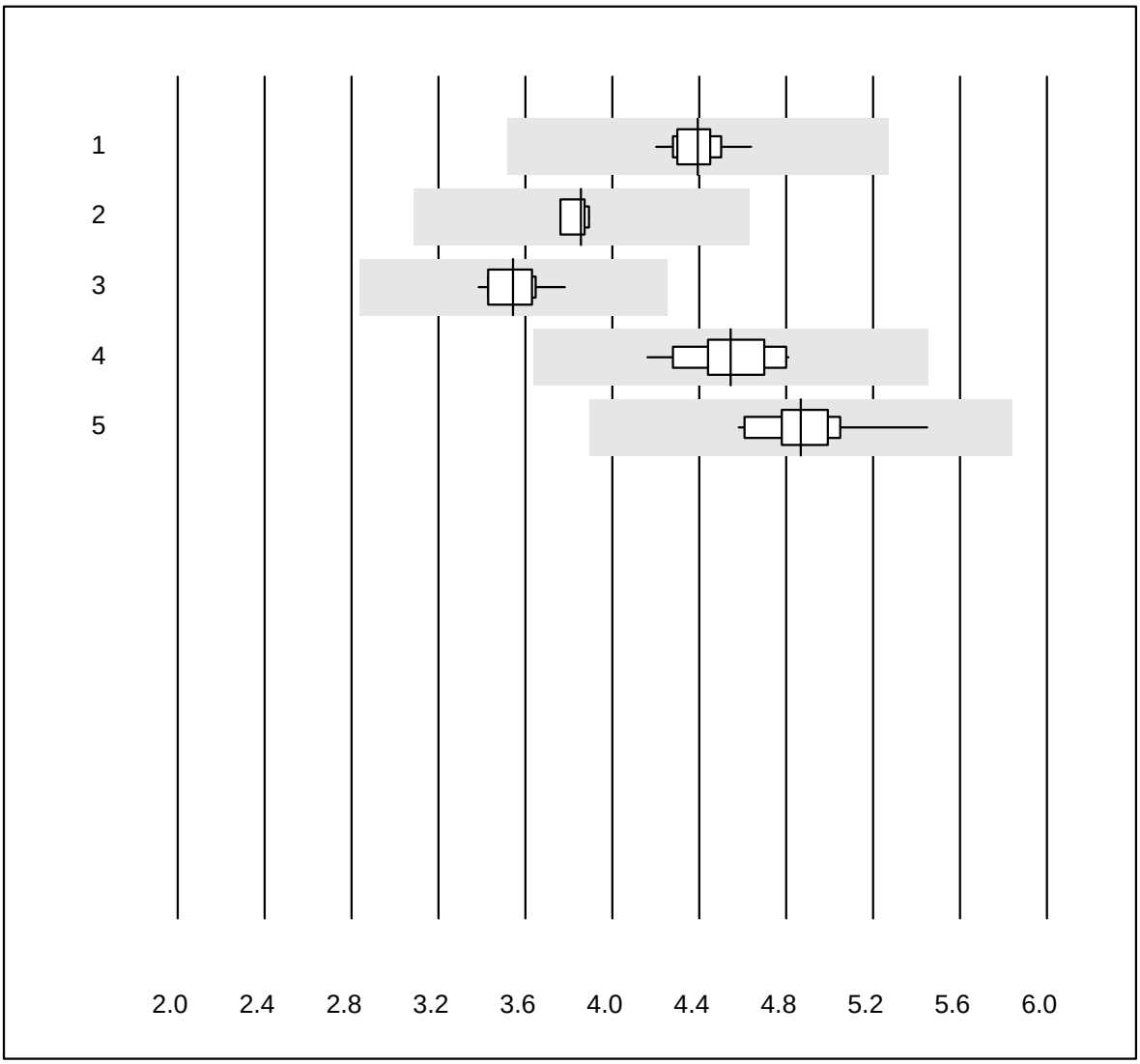


QUALAB tolerance : 27 %

NT-proBNP (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AQT 90 FLEX	4	100.0	0.0	0.0	404.5	4.0	e
2	VIDAS	10	100.0	0.0	0.0	156.1	6.9	e
3	Other methods	6	83.3	16.7	0.0	308.0	19.0	e*
4	Cobas E / Elecsys	12	100.0	0.0	0.0	191.7	13.0	e*

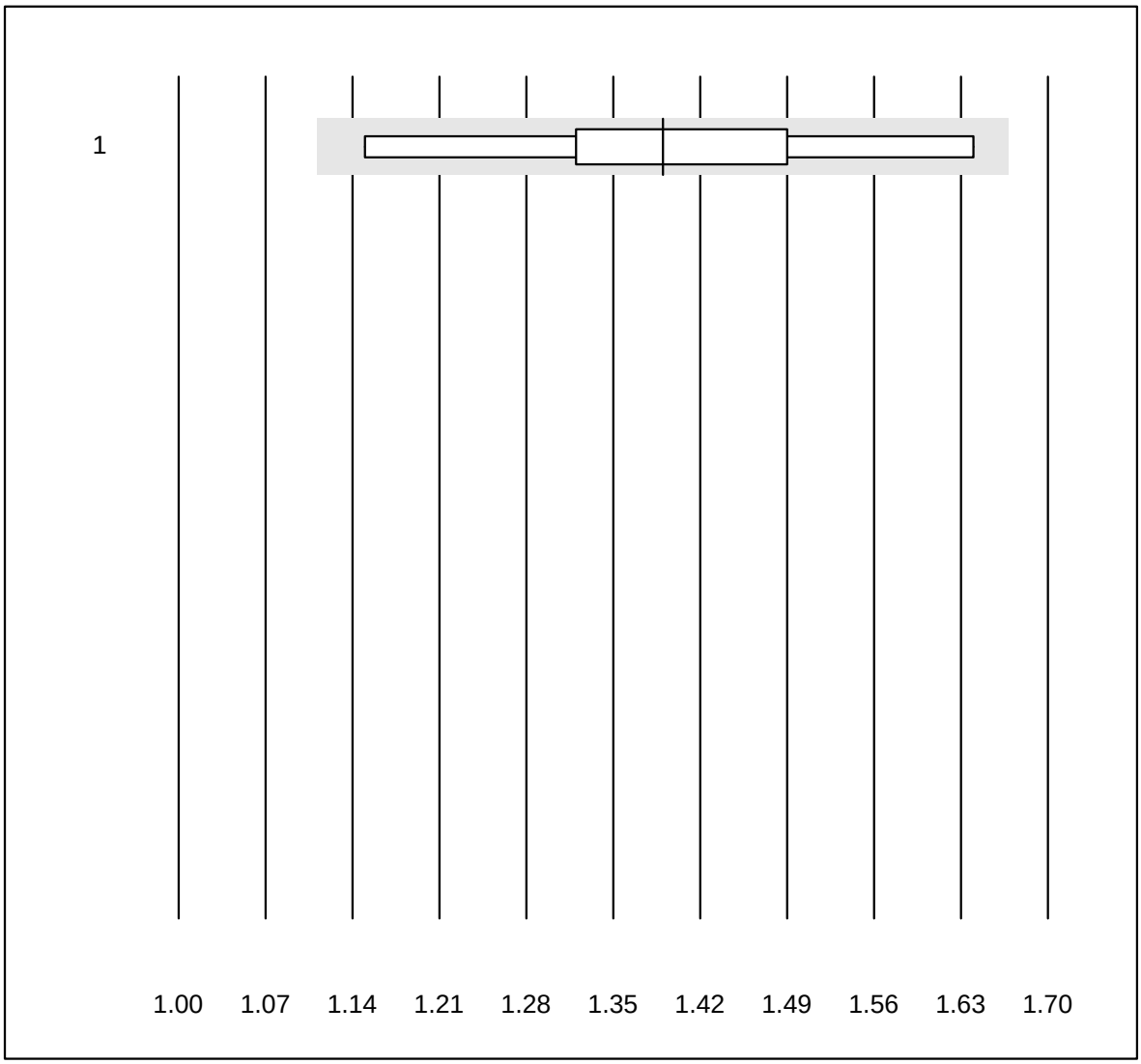
TSH



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	12	100.0	0.0	0.0	4.39	2.7	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	3.86	1.5	e
3	Architect	12	100.0	0.0	0.0	3.54	3.3	e
4	VIDAS	14	100.0	0.0	0.0	4.54	4.3	e
5	AFIAS	28	96.4	0.0	3.6	4.87	3.8	e

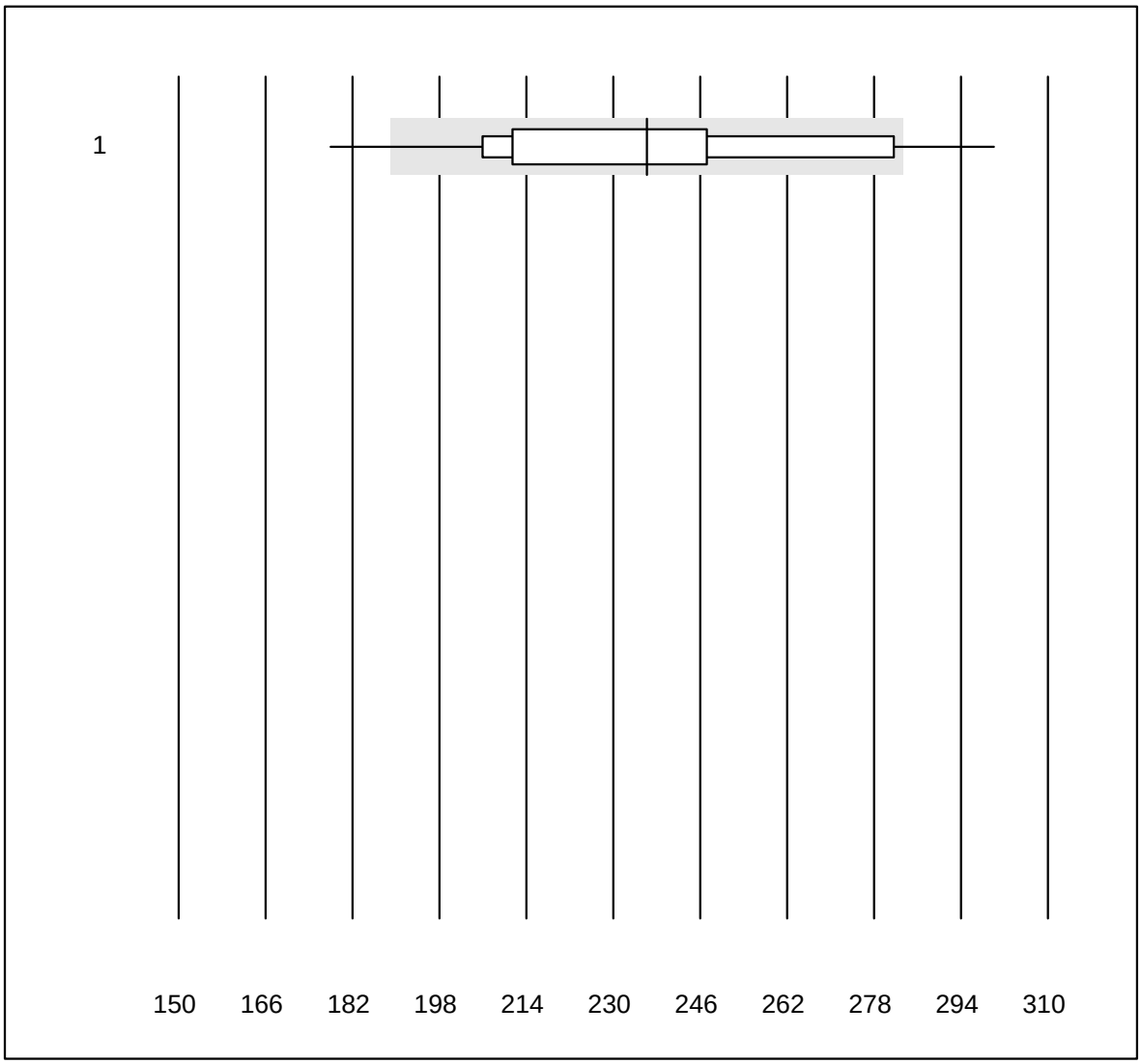
T3



MQ tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AFIAS	9	100.0	0.0	0.0	1.4	10.3	e*

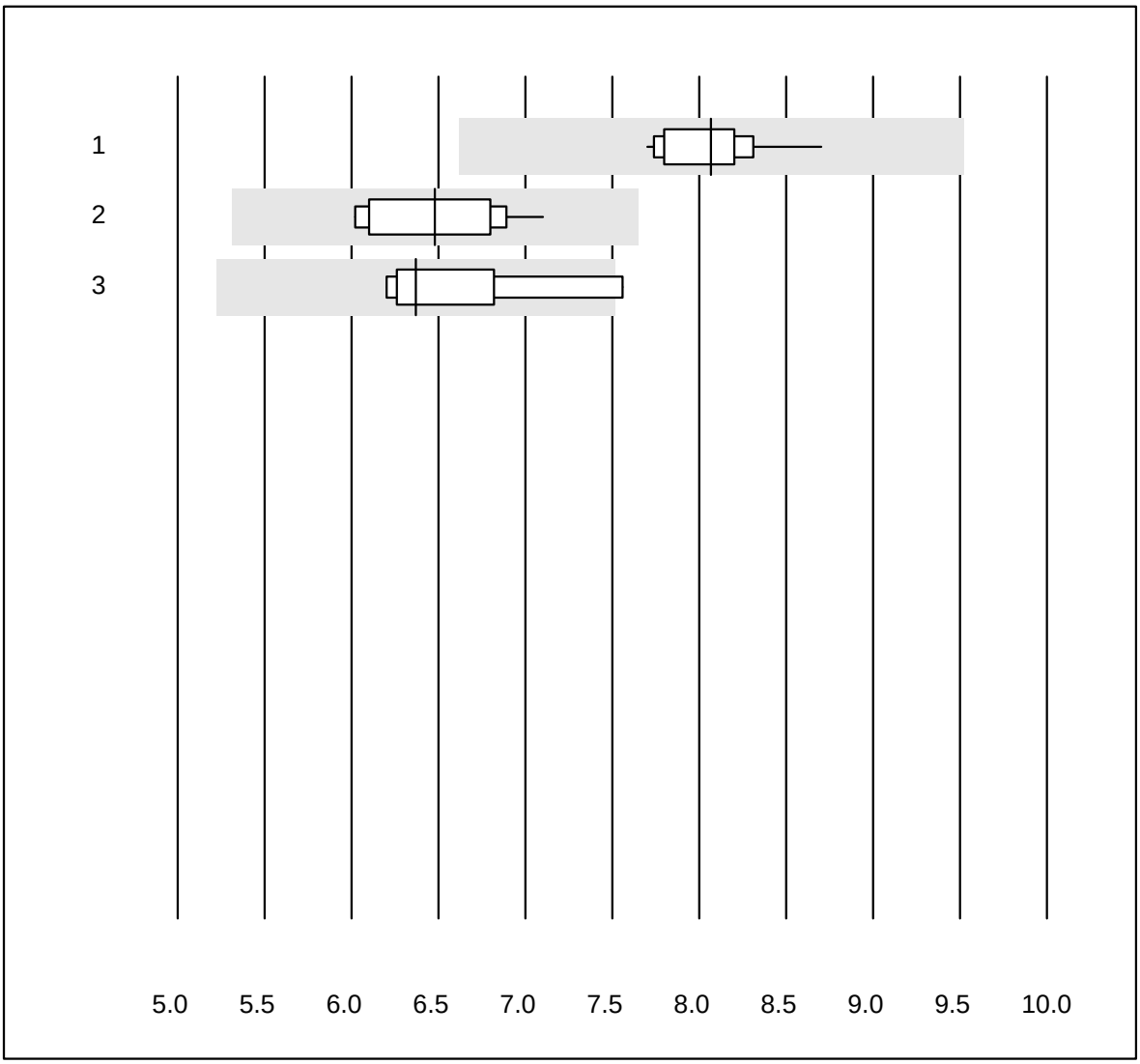
T4



MQ tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AFIAS	12	83.3	16.7	0.0	236	14.1	e*

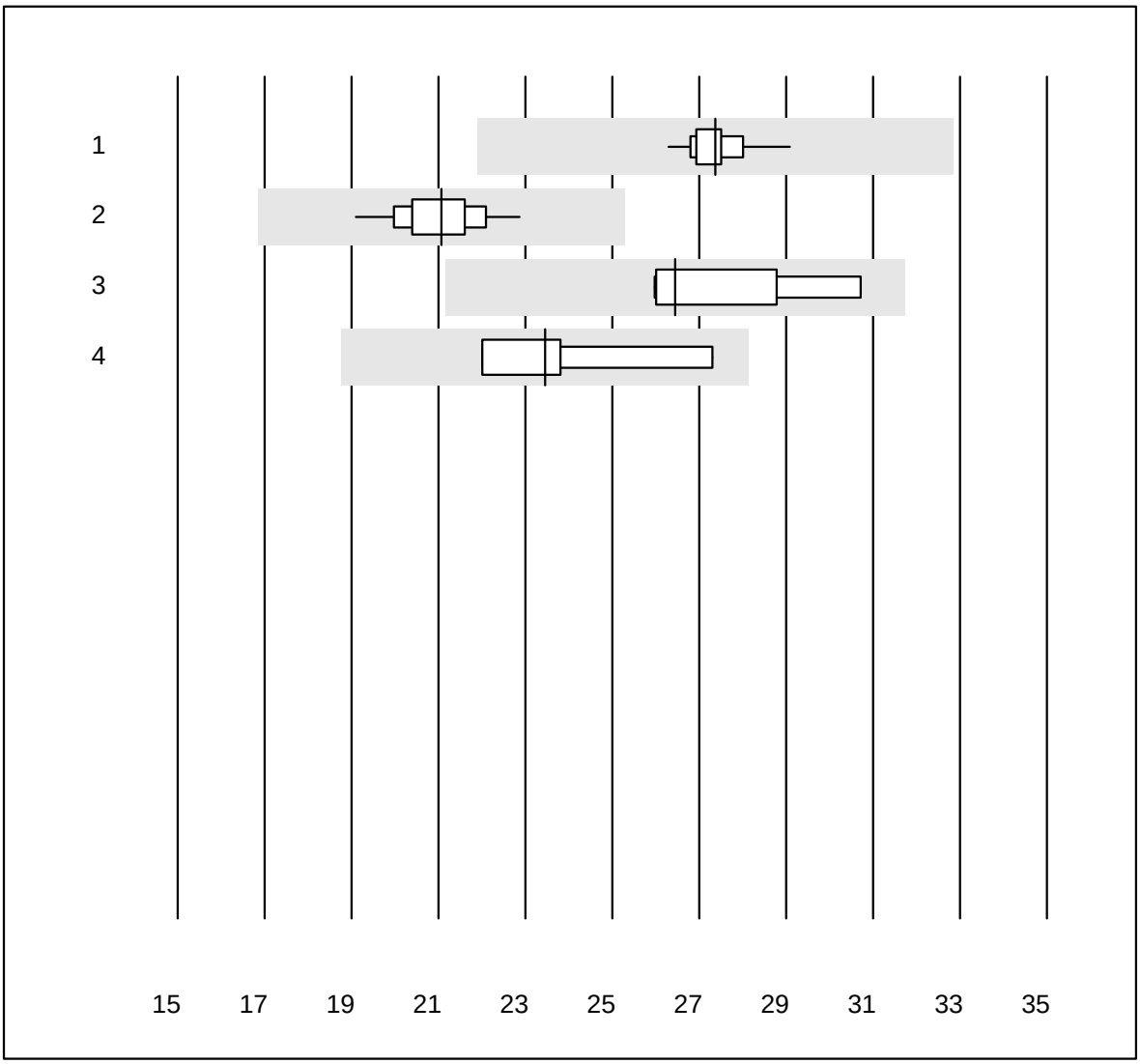
FT3



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	12	100.0	0.0	0.0	8.1	3.6	e
2	Architect	10	100.0	0.0	0.0	6.5	5.7	e
3	VIDAS	7	85.7	14.3	0.0	6.4	7.2	e*

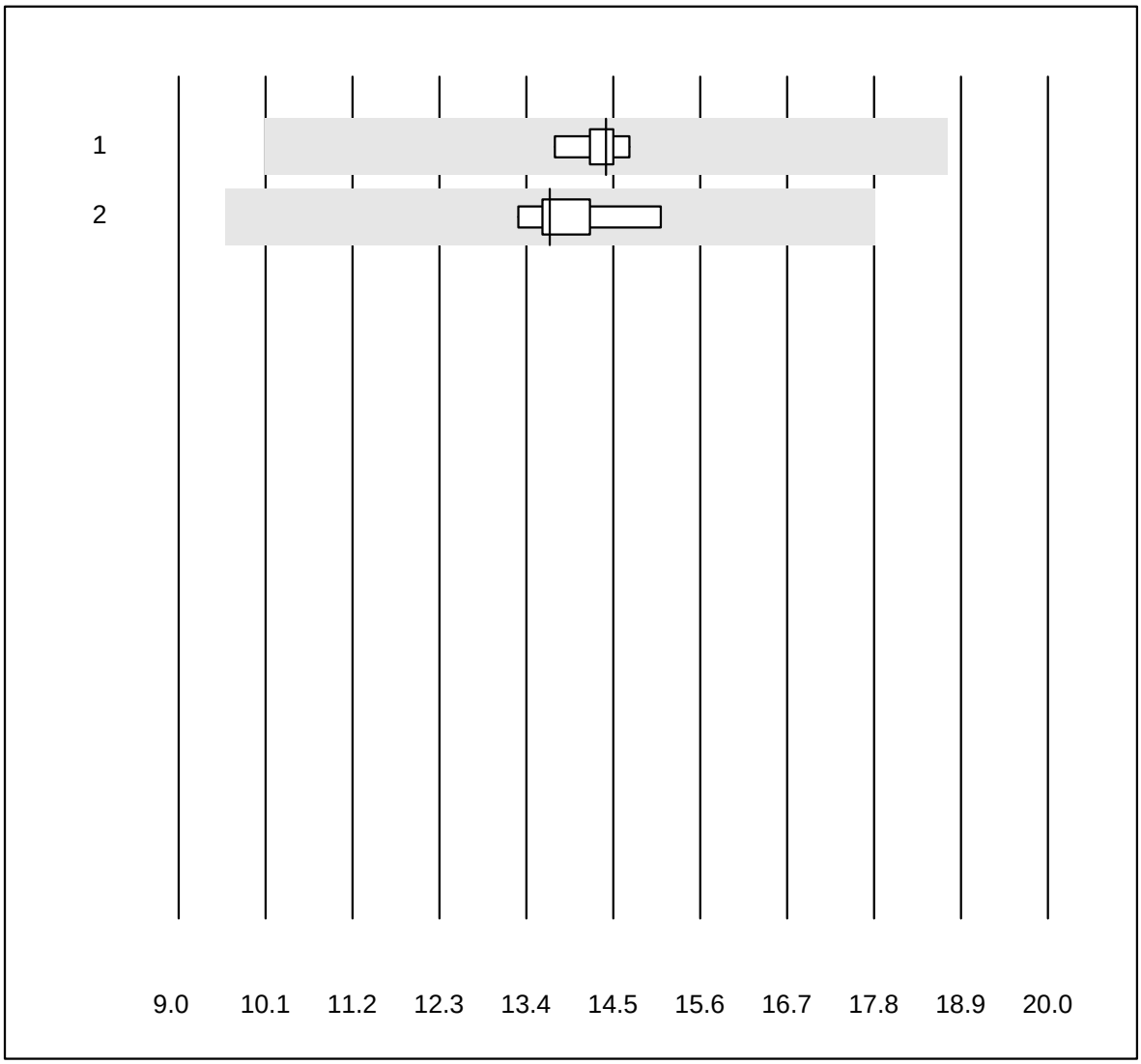
FT4



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	13	100.0	0.0	0.0	27.4	2.5	e
2	Architect	12	100.0	0.0	0.0	21.1	4.8	e
3	VIDAS	7	100.0	0.0	0.0	26.5	6.5	e*
4	Other methods	4	100.0	0.0	0.0	23.5	9.5	e*

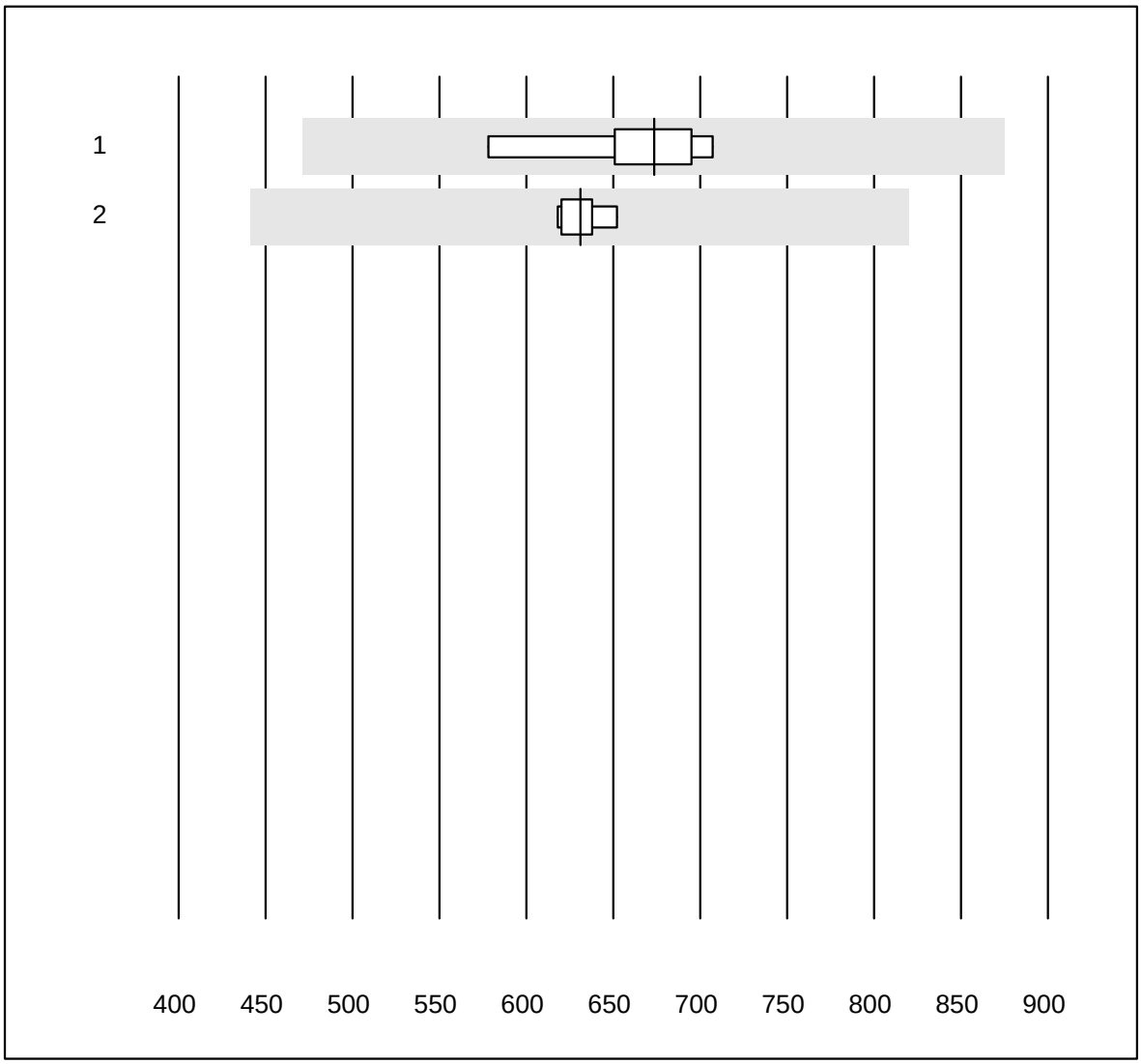
Testosterone



QUALAB tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	5	100.0	0.0	0.0	14	2.5	e
2	Architect	5	100.0	0.0	0.0	14	5.0	e

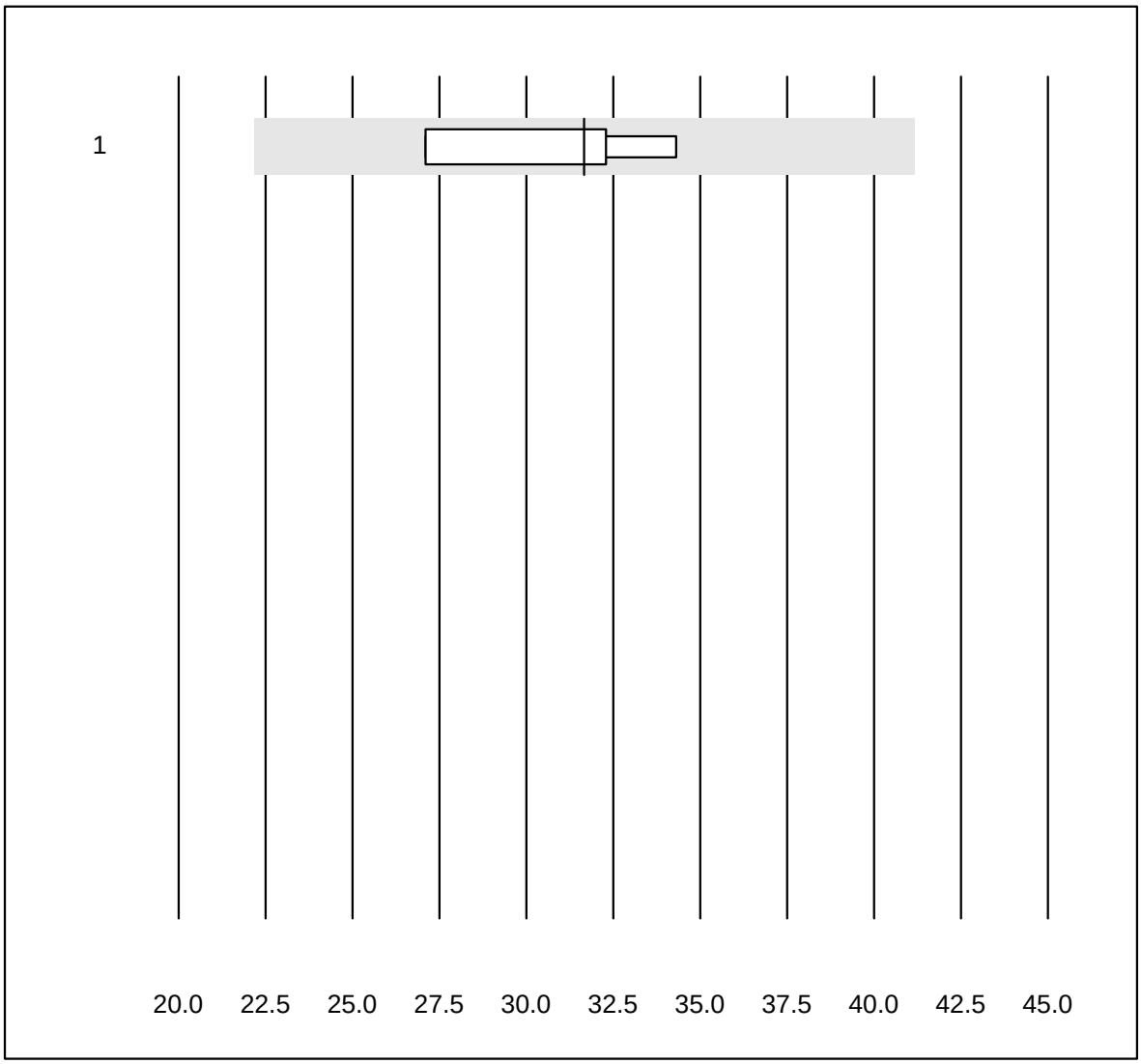
Estradiol



MQ tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	6	100.0	0.0	0.0	673	7.0	e
2	Architect	6	100.0	0.0	0.0	631	2.0	e

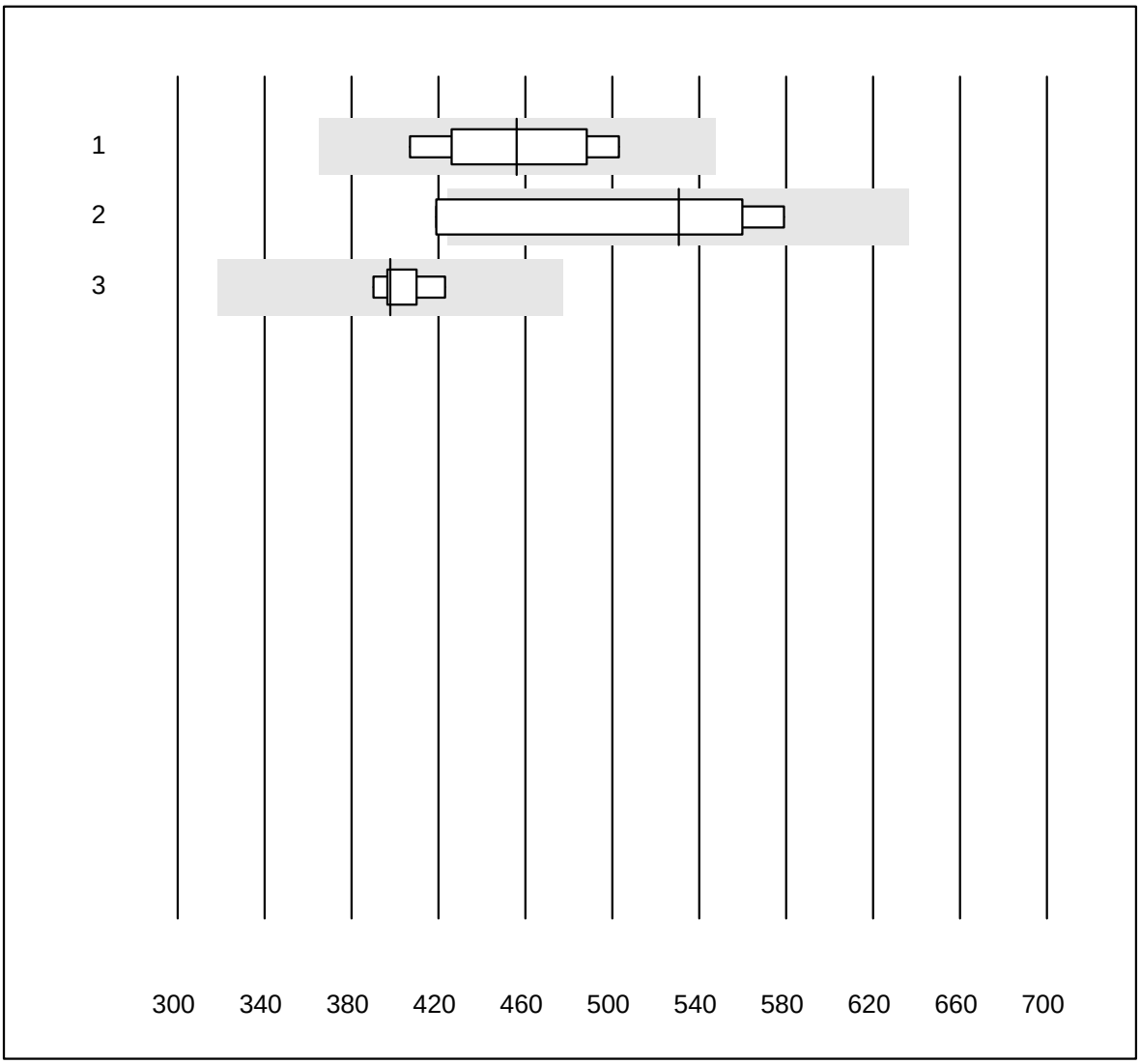
SHBG



MQ tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	31.7	9.7	e*

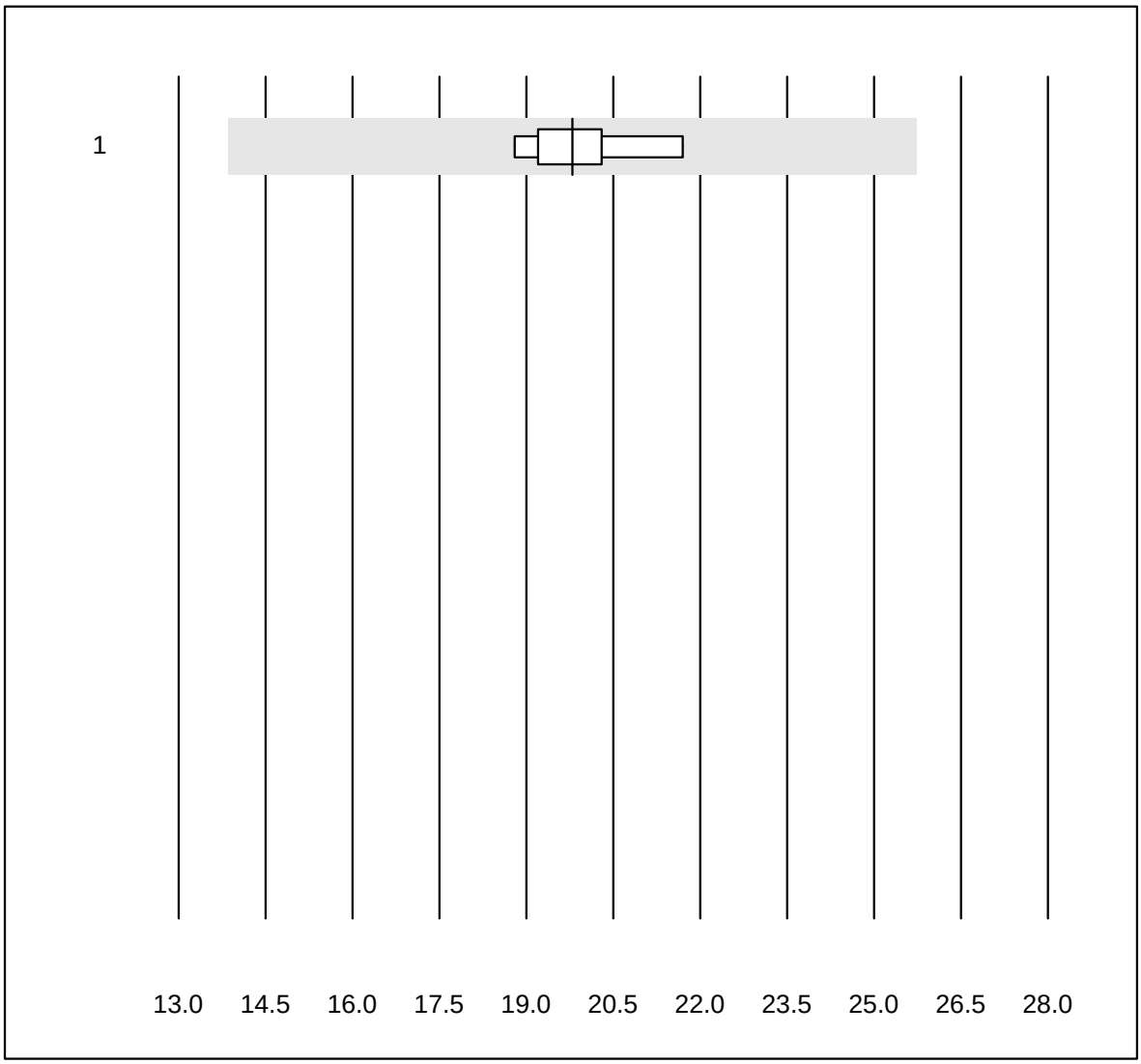
Cortisol



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	456	8.2	e*
2	ADVIA Centaur XP/CP	4	75.0	25.0	0.0	530	14.0	e*
3	Architect	6	100.0	0.0	0.0	398	3.0	e

Progesteron

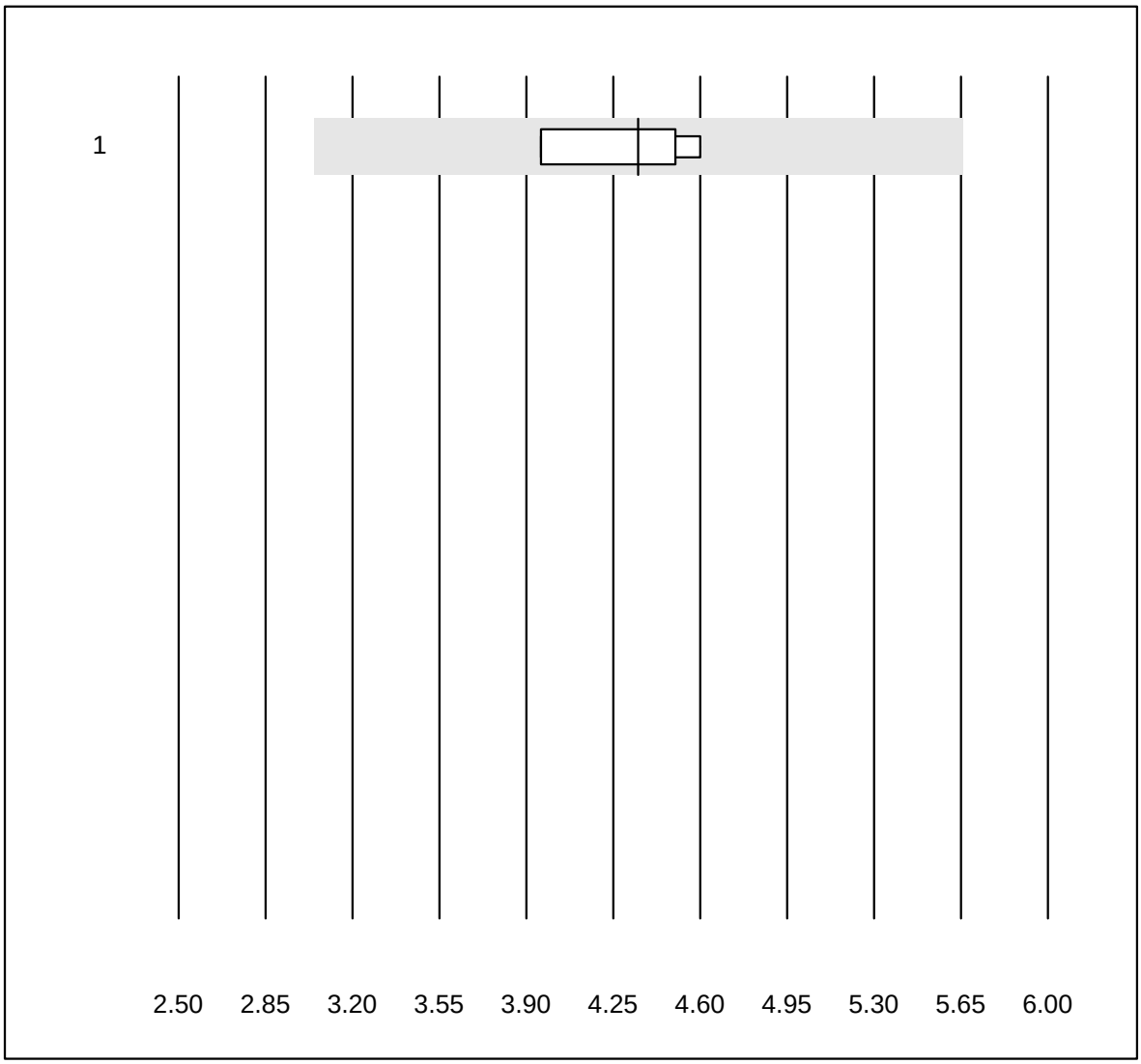


MQ tolerance : 30 %

Progesteron (nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	5	100.0	0.0	0.0	19.8	5.7	e

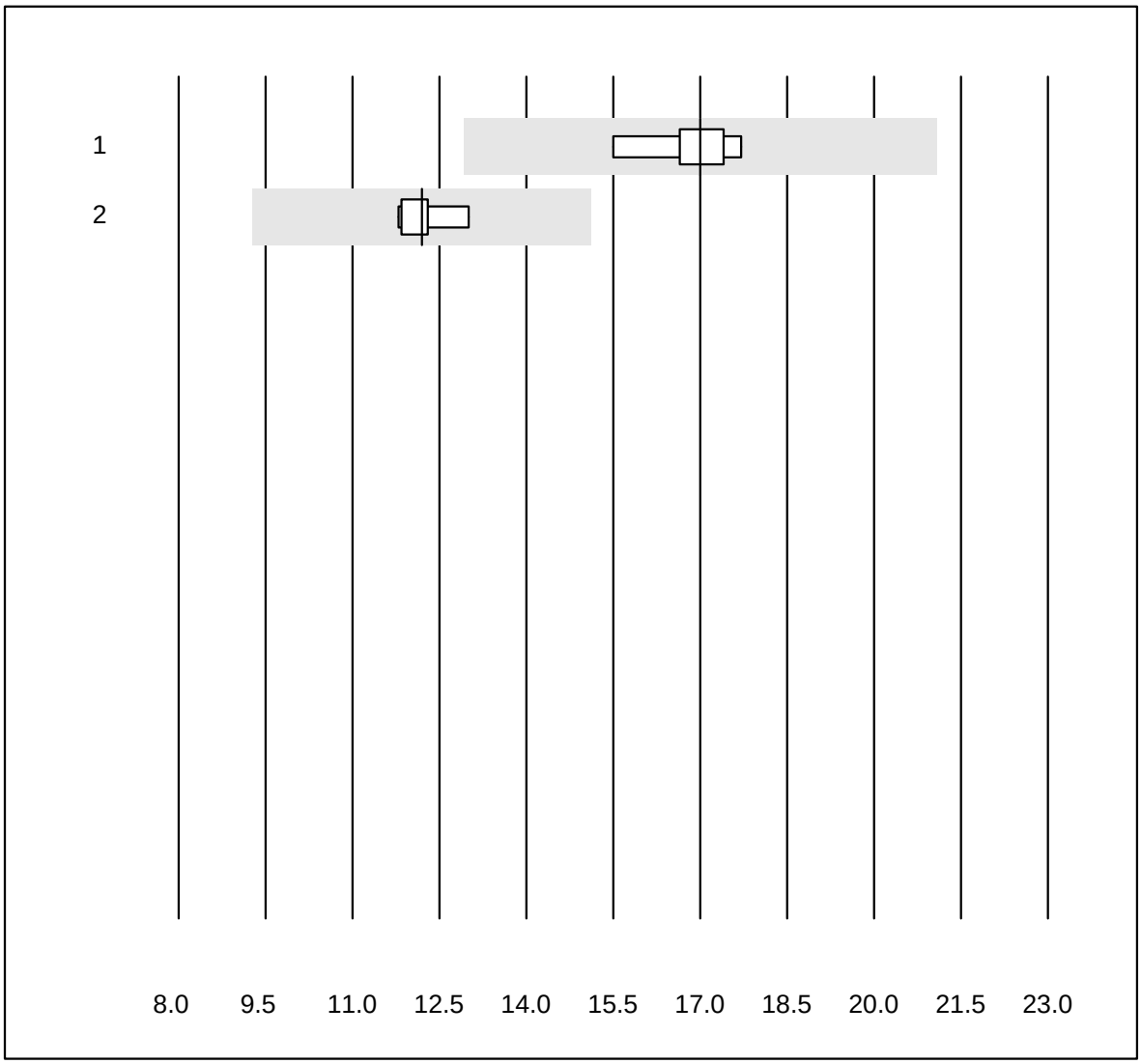
DHEAS



MQ tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	4.35	6.8	e

Luteinizing hormone

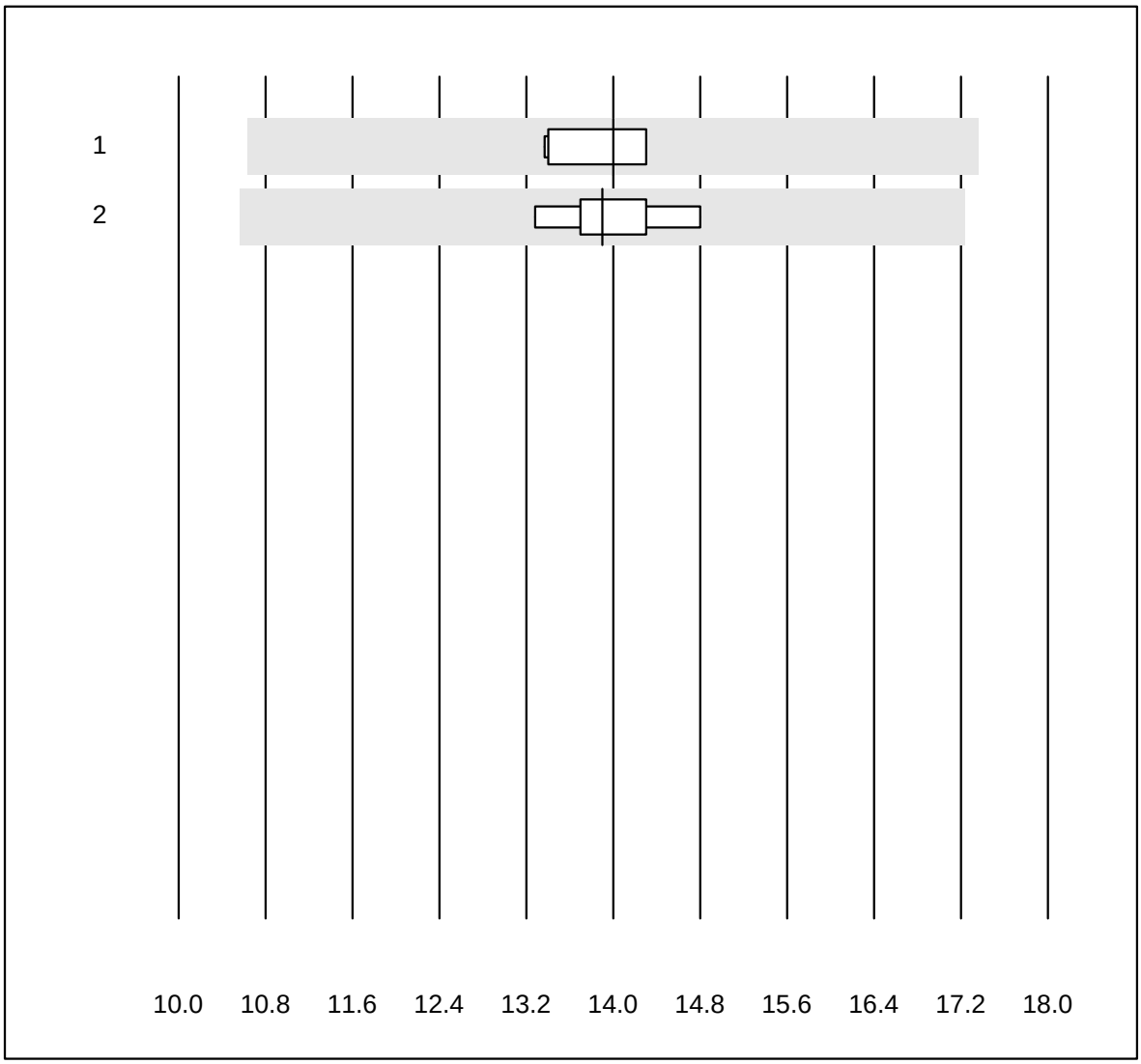


QUALAB tolerance : 24 %

Luteinizing hormone (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Roche, Cobas	5	100.0	0.0	0.0	17.0	5.1	e
2	Architect	7	100.0	0.0	0.0	12.2	3.2	e

Follicle-stimulating hormone

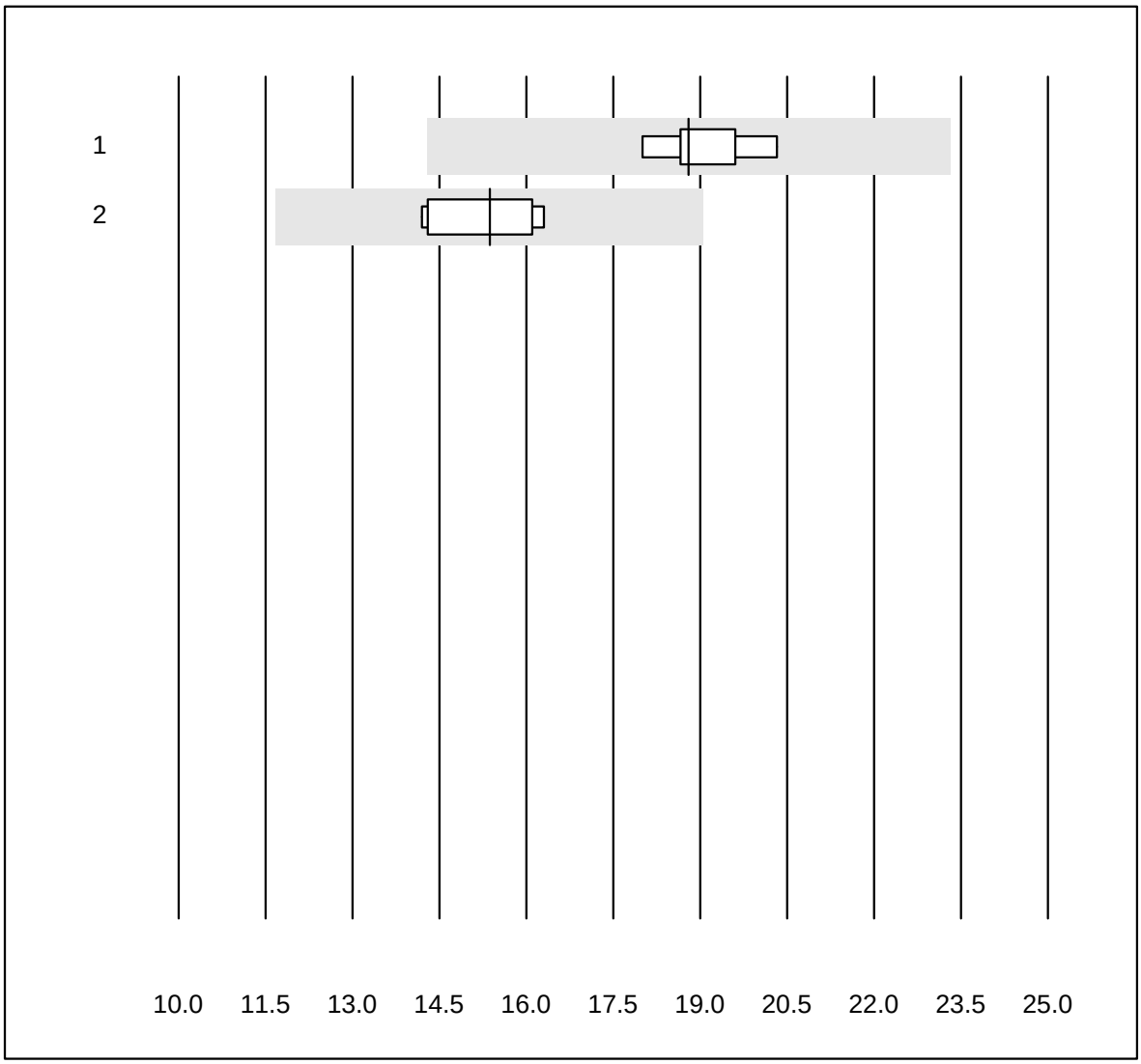


QUALAB tolerance : 24 %

Follicle-stimulating hormone (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Roche, Cobas	5	100.0	0.0	0.0	14.0	3.3	e
2	Architect	7	100.0	0.0	0.0	13.9	3.5	e

Prolactine

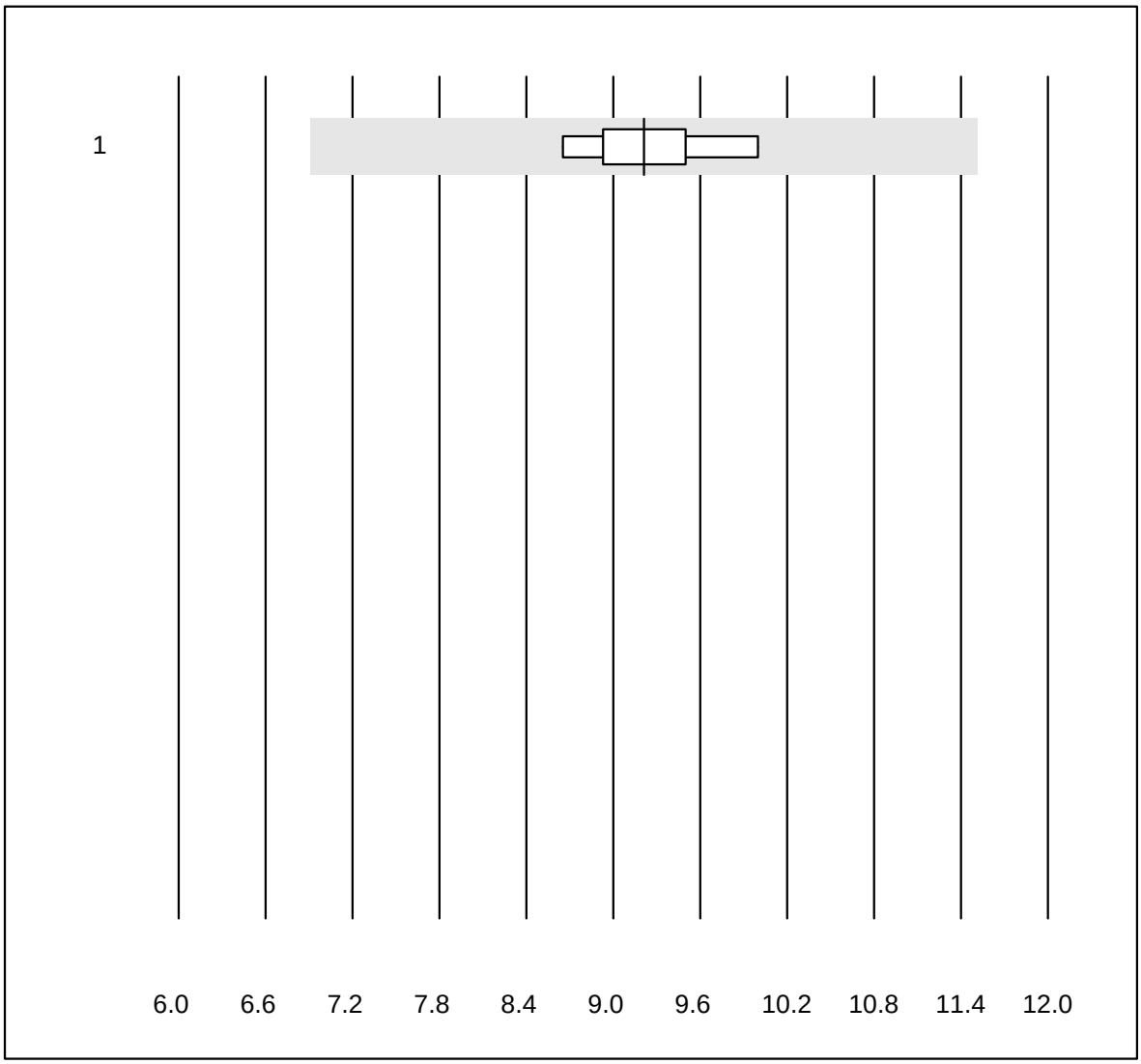


QUALAB tolerance : 24 %

Prolactine (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas/Roche	5	100.0	0.0	0.0	18.8	4.7	e
2	Architect	6	100.0	0.0	0.0	15.4	6.1	e

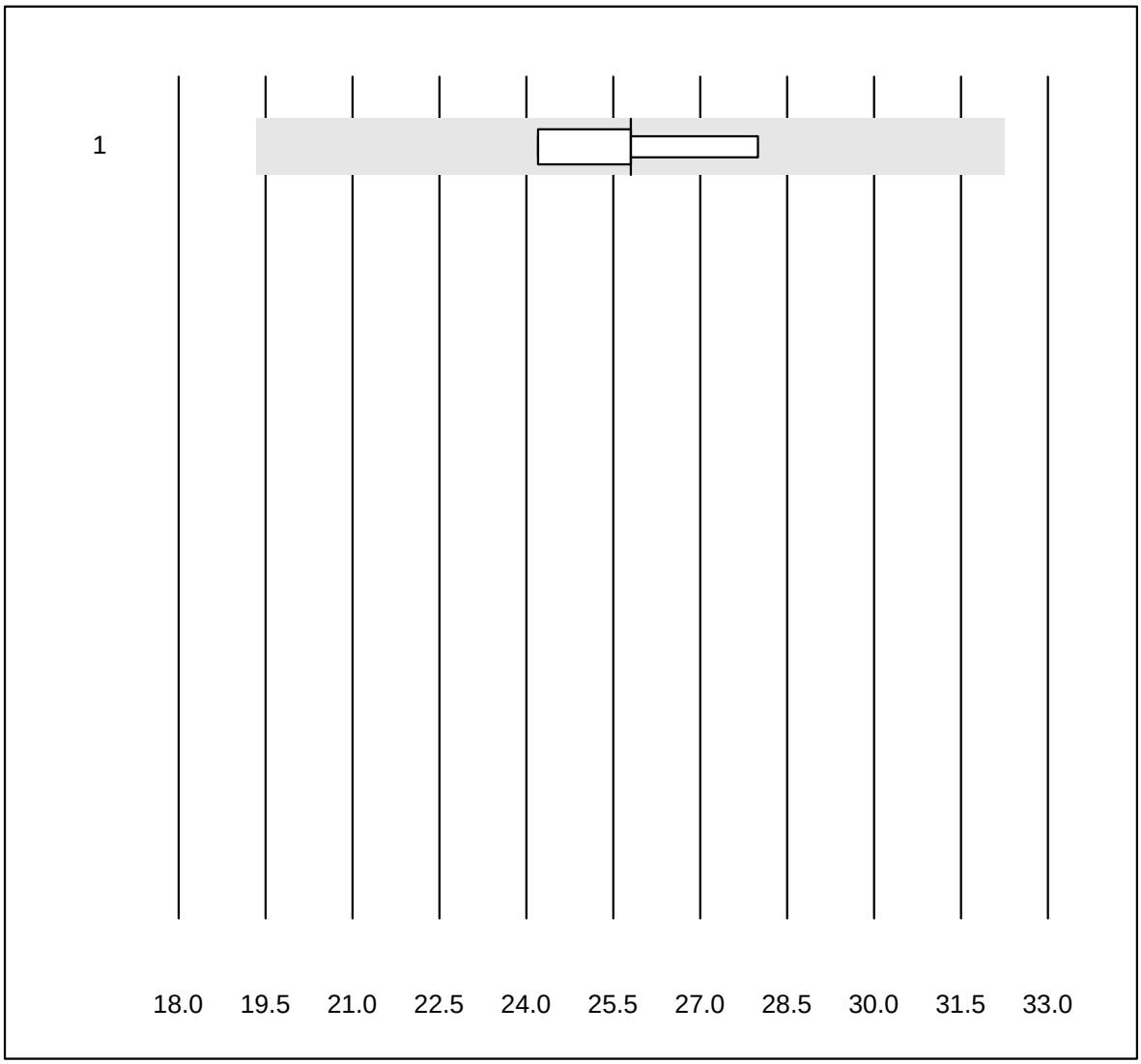
HGH



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	100.0	0.0	0.0	9.21	5.4	e

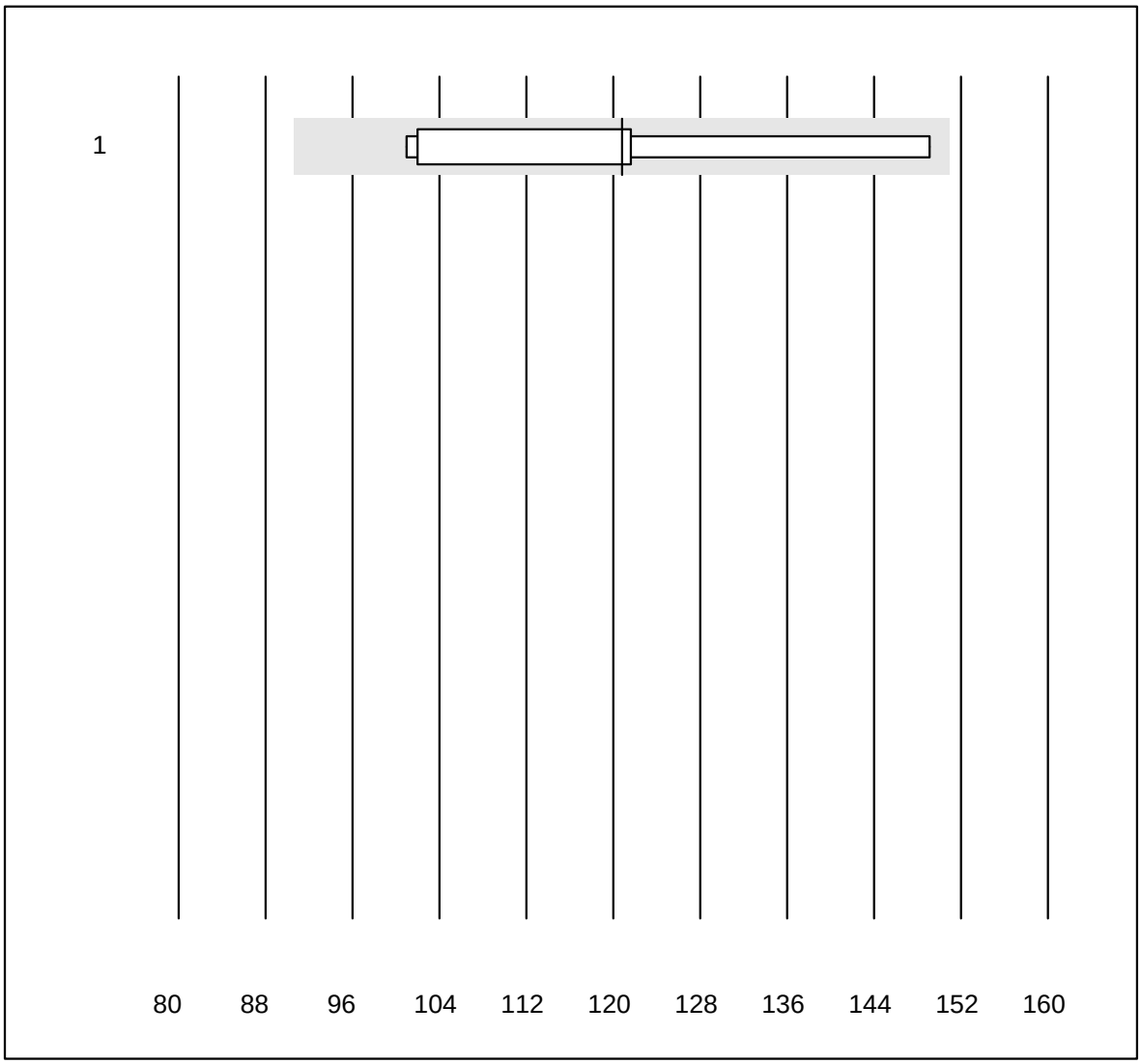
Freies Testosteron



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	66.7	0.0	33.3	25.8	6.1	a

IGF-1

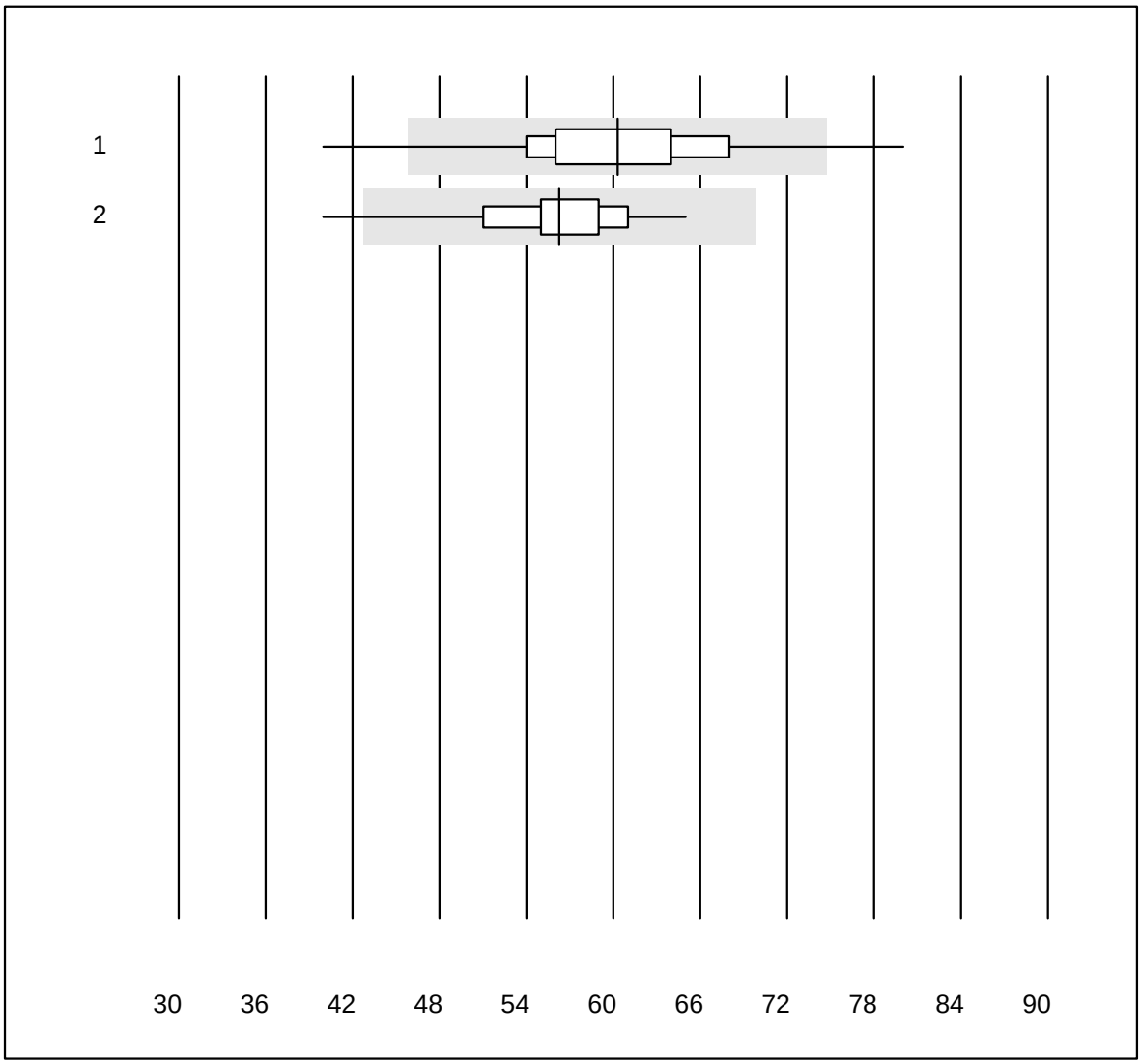


MQ tolerance : 25 %

IGF-1 (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Liaison	5	100.0	0.0	0.0	121	16.4	e*

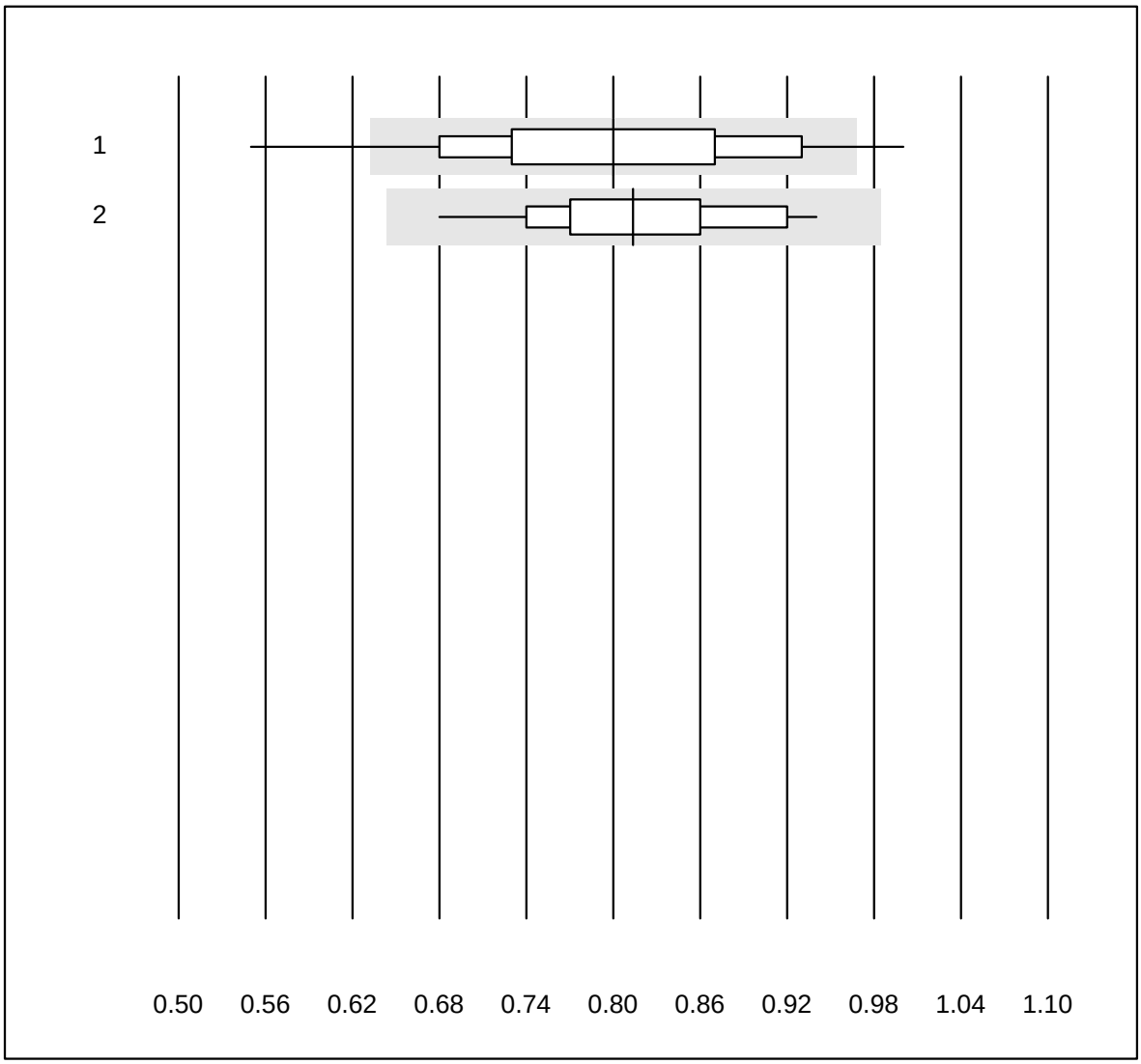
Troponin T CR



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	1085	97.5	2.1	0.4	60.29	9.6	e
2	Cardiac Reader	14	92.9	7.1	0.0	56.29	10.2	e

D-dimer CR

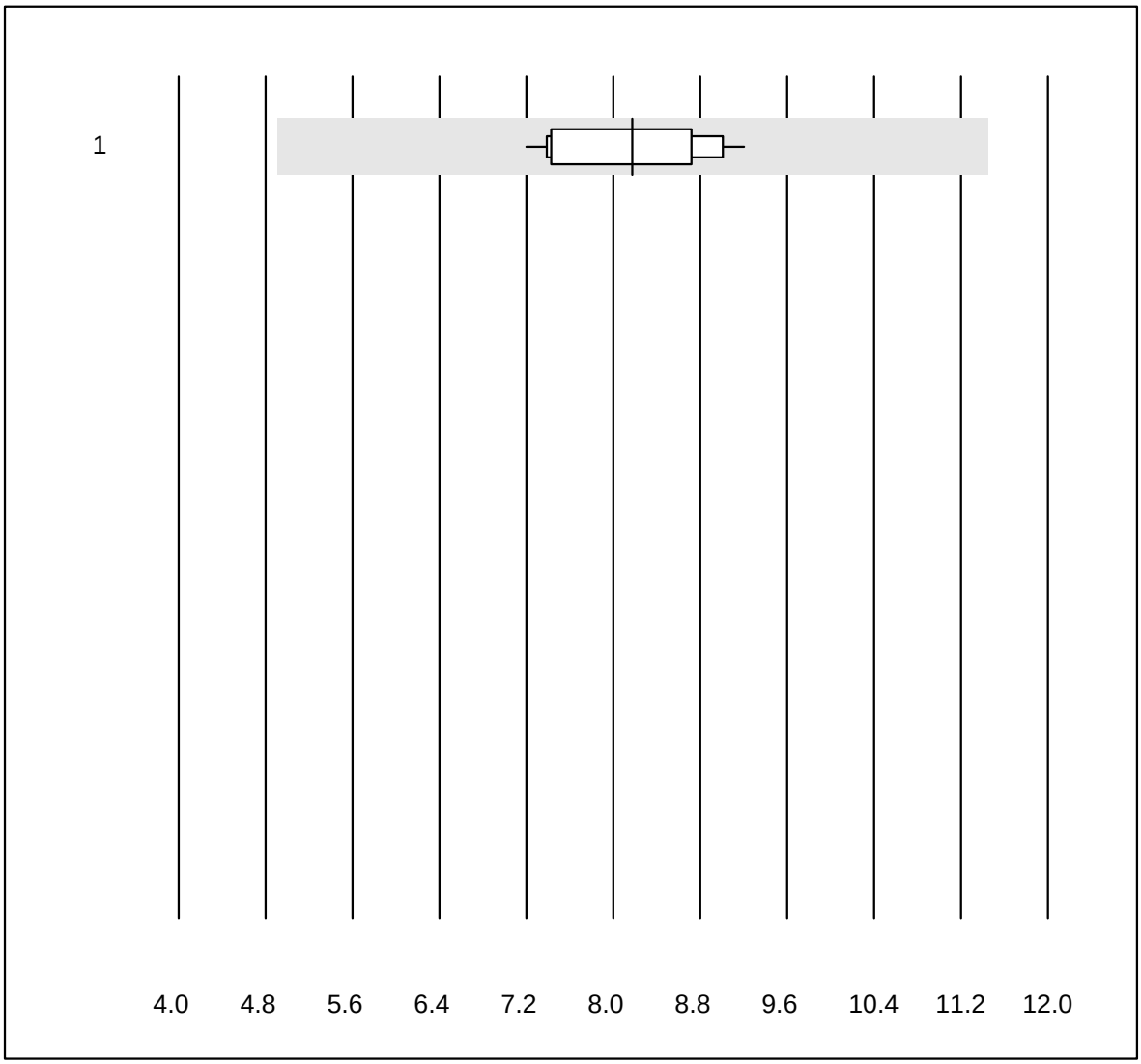


QUALAB tolerance : 21 %

D-dimer CR (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	1095	89.5	8.6	1.9	0.80	11.9	e
2	Cardiac Reader	13	100.0	0.0	0.0	0.81	9.1	e

CKMB- K8

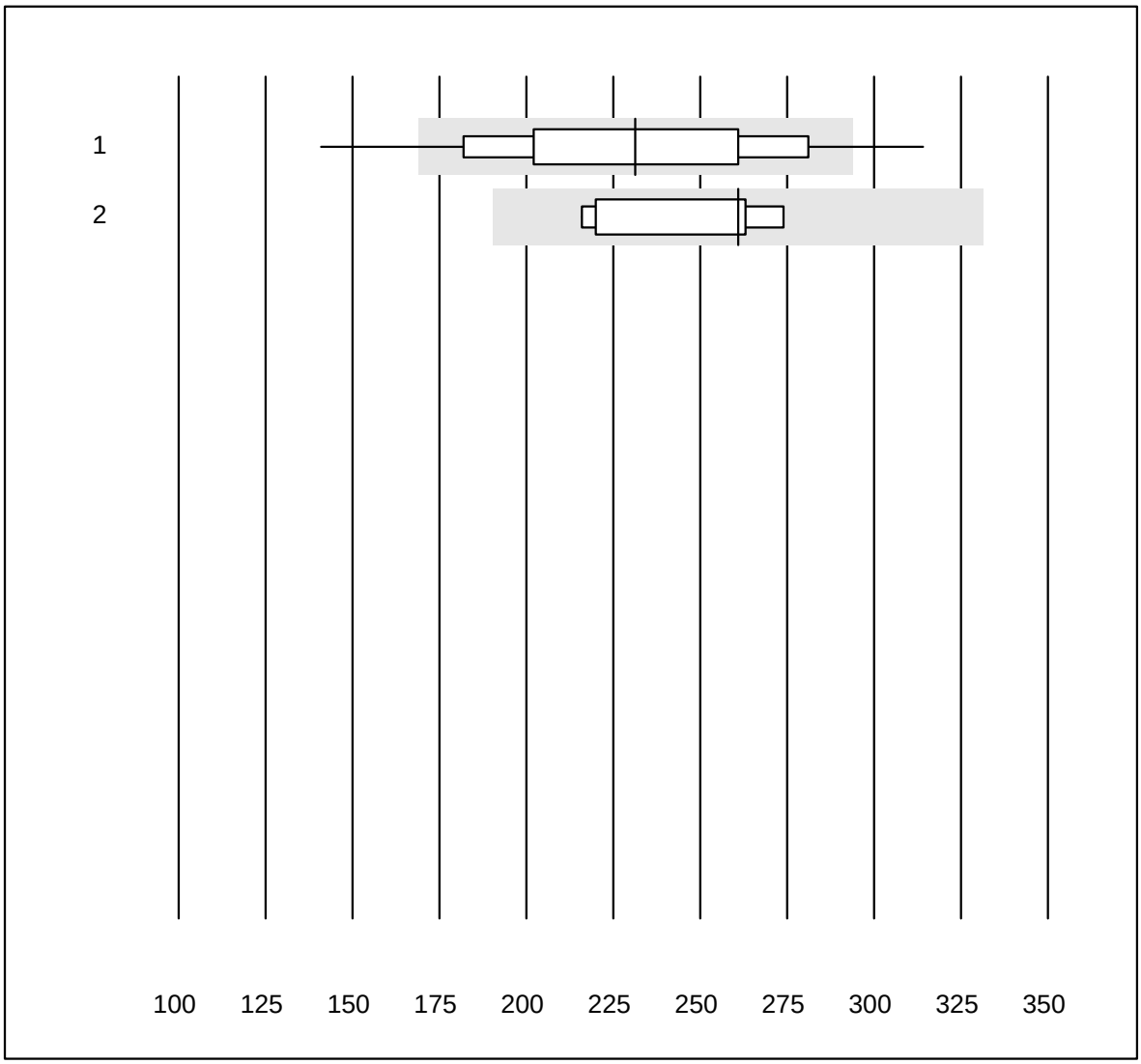


MQ tolerance : 40 %

CKMB- K8 (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	12	100.0	0.0	0.0	8.2	8.7	e

NT-proBNP CR

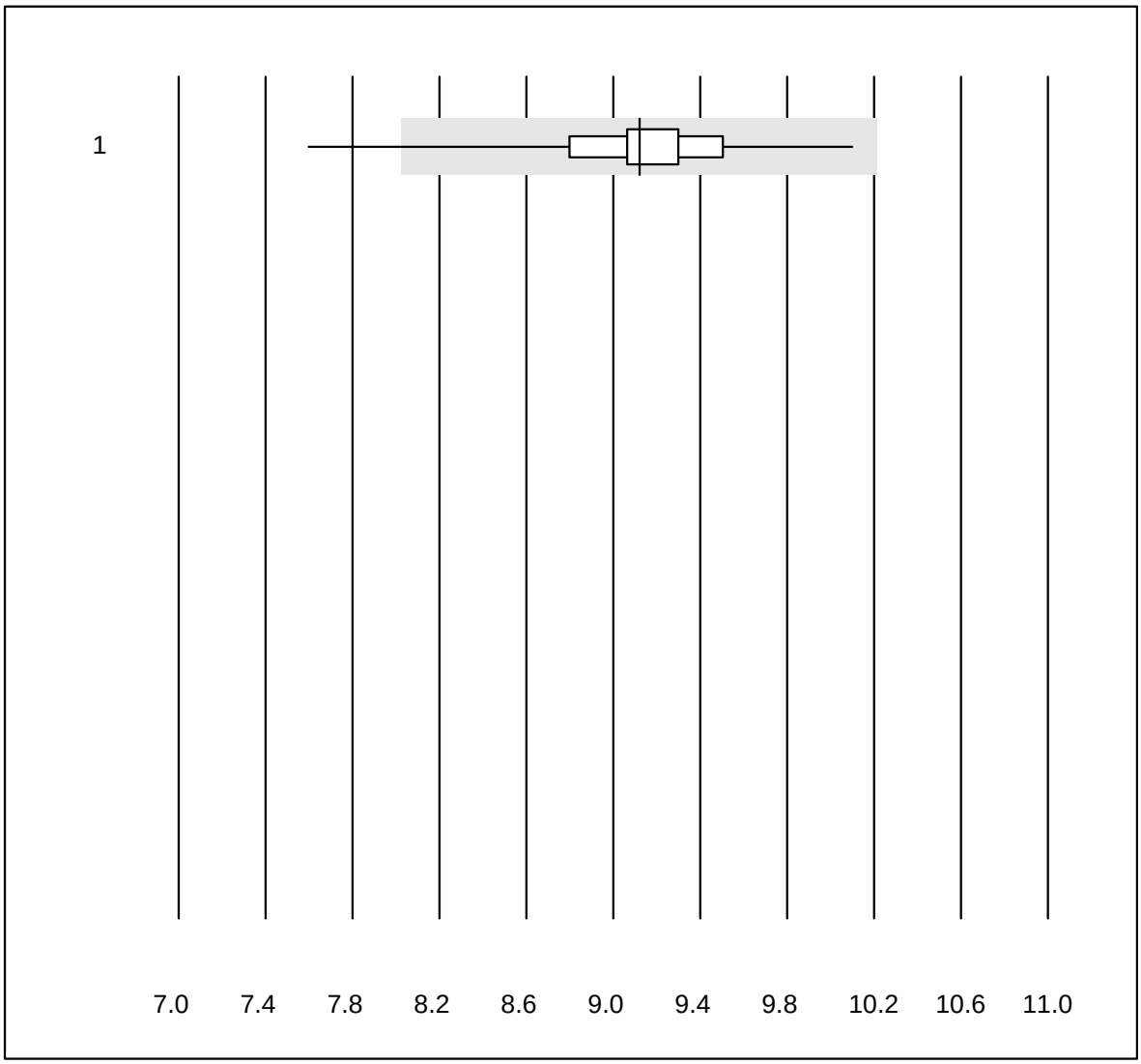


QUALAB tolerance : 27 %

NT-proBNP CR (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	689	91.4	7.7	0.9	231	16.0	e
2	Cardiac Reader	5	100.0	0.0	0.0	261	10.9	e*

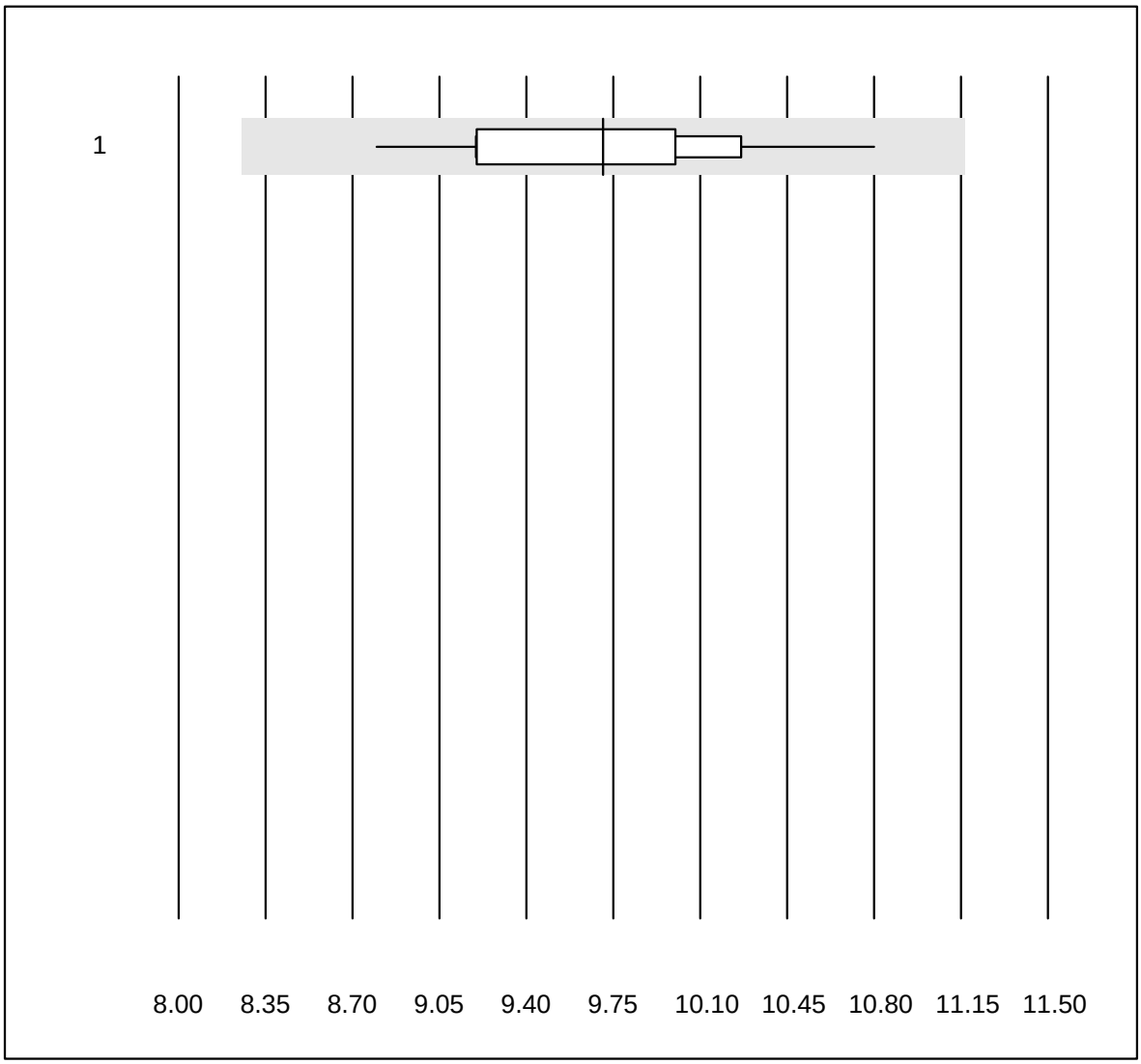
PCO2 CCA



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	13	92.3	7.7	0.0	9.12	6.1	e*

PO2 CCA

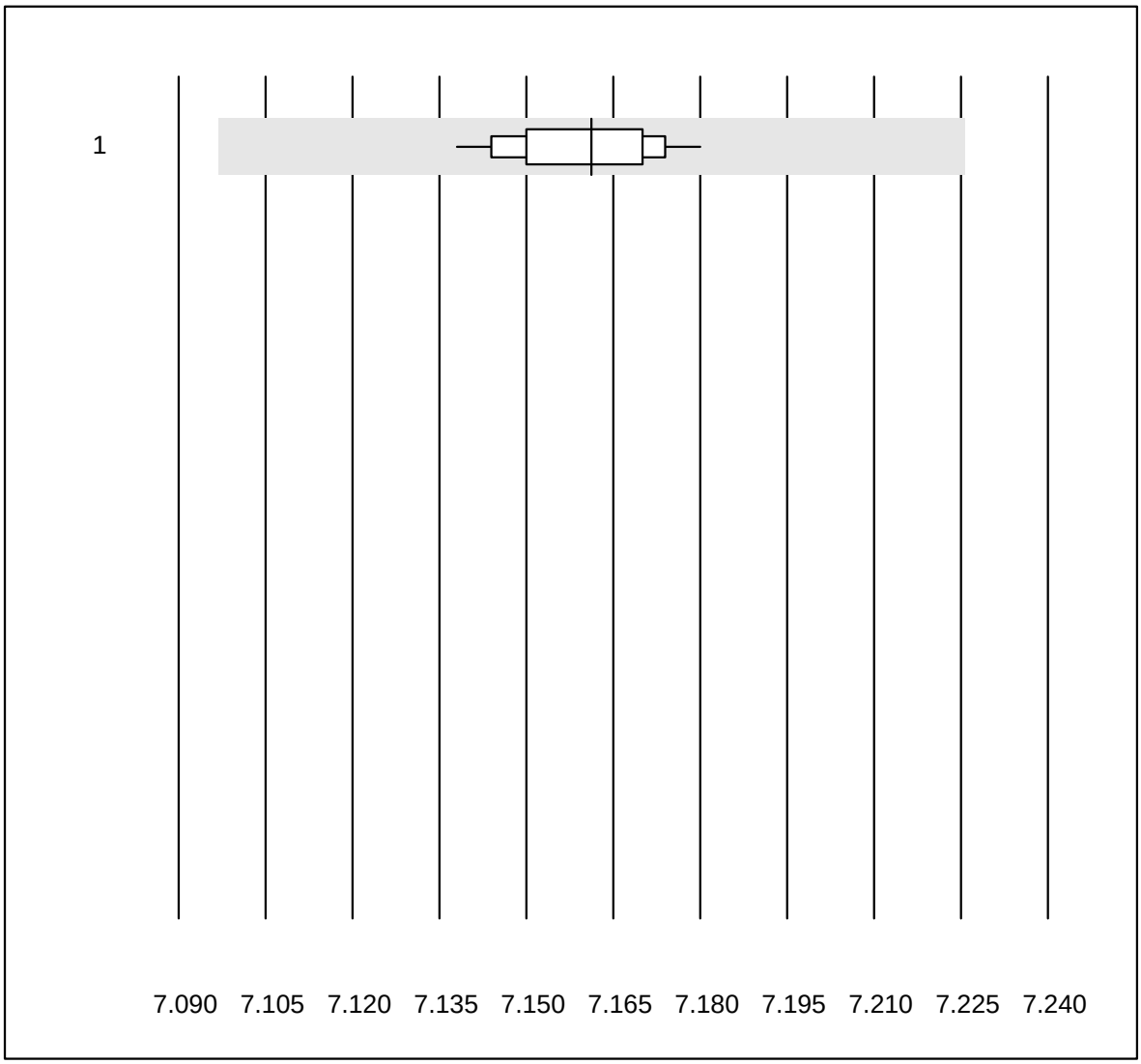


QUALAB tolerance : 15 %

PO2 CCA (kPa)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	13	92.3	0.0	7.7	9.71	5.6	e

pH CCA

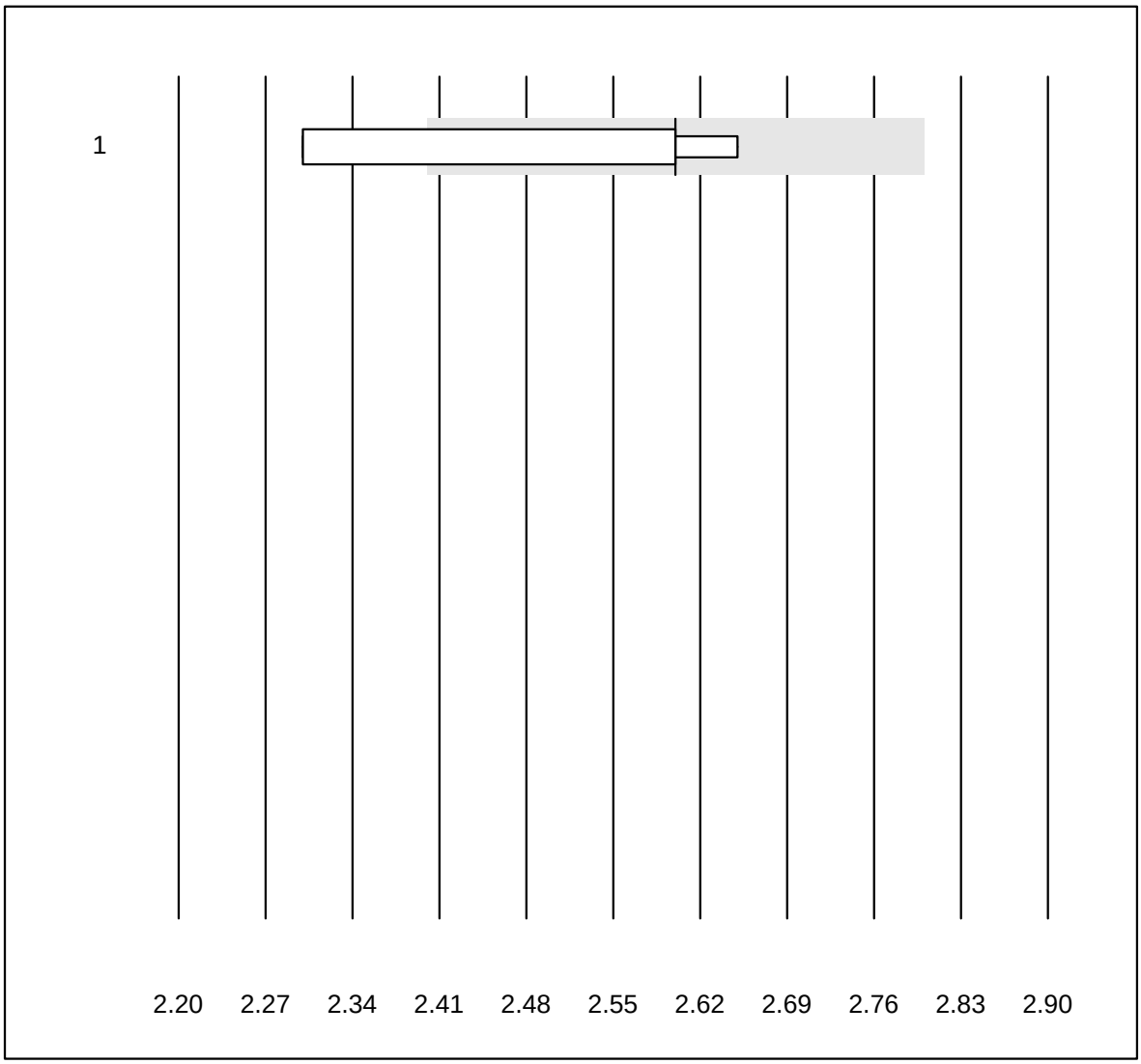


QUALAB tolerance : 1 %

pH CCA ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	13	100.0	0.0	0.0	7.16	0.2	e

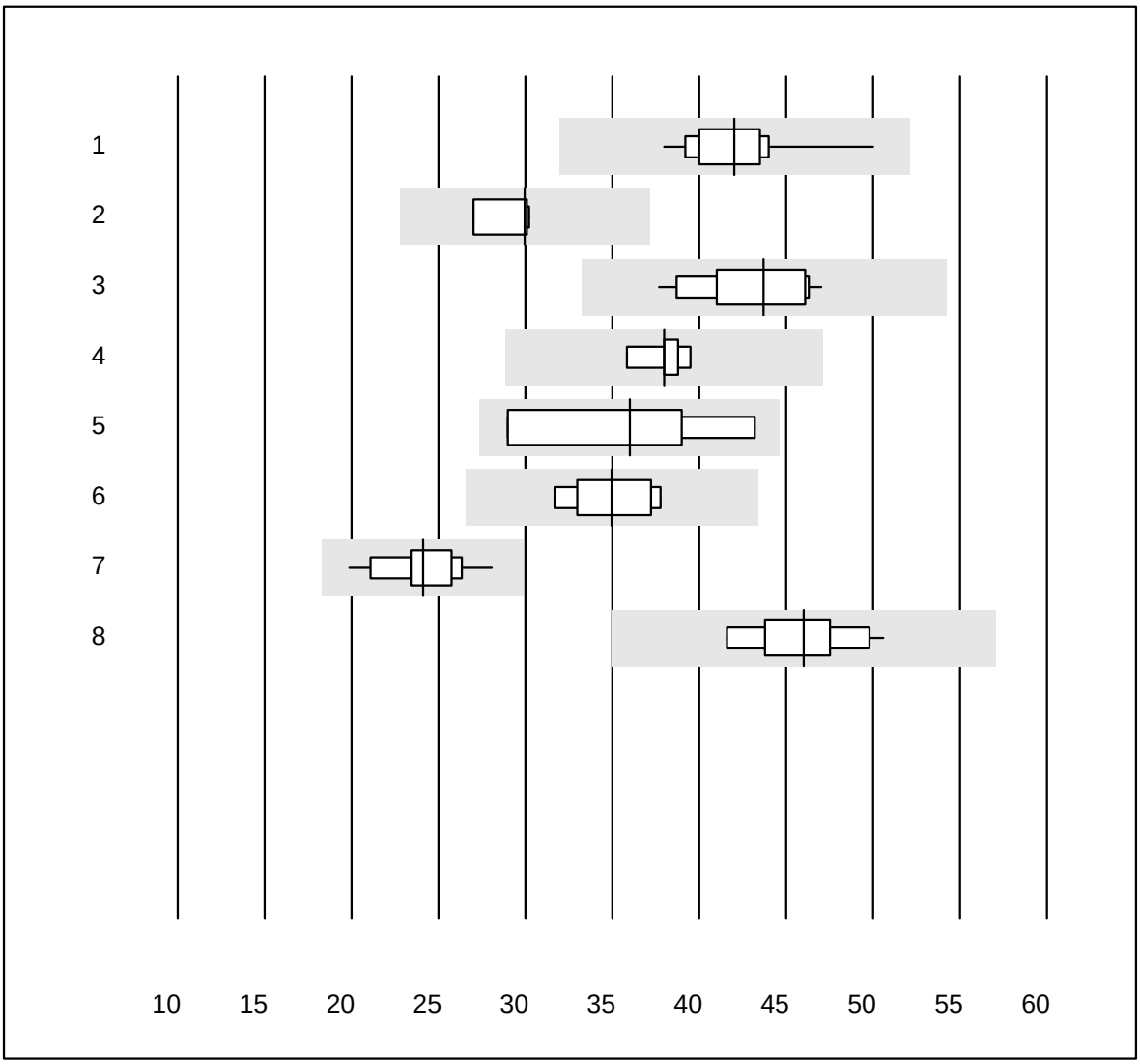
Potassium CCA



QUALAB tolerance : 6 %
(< 3.3: +/- 0.2 mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	4	75.0	25.0	0.0	2.6	6.3	e*

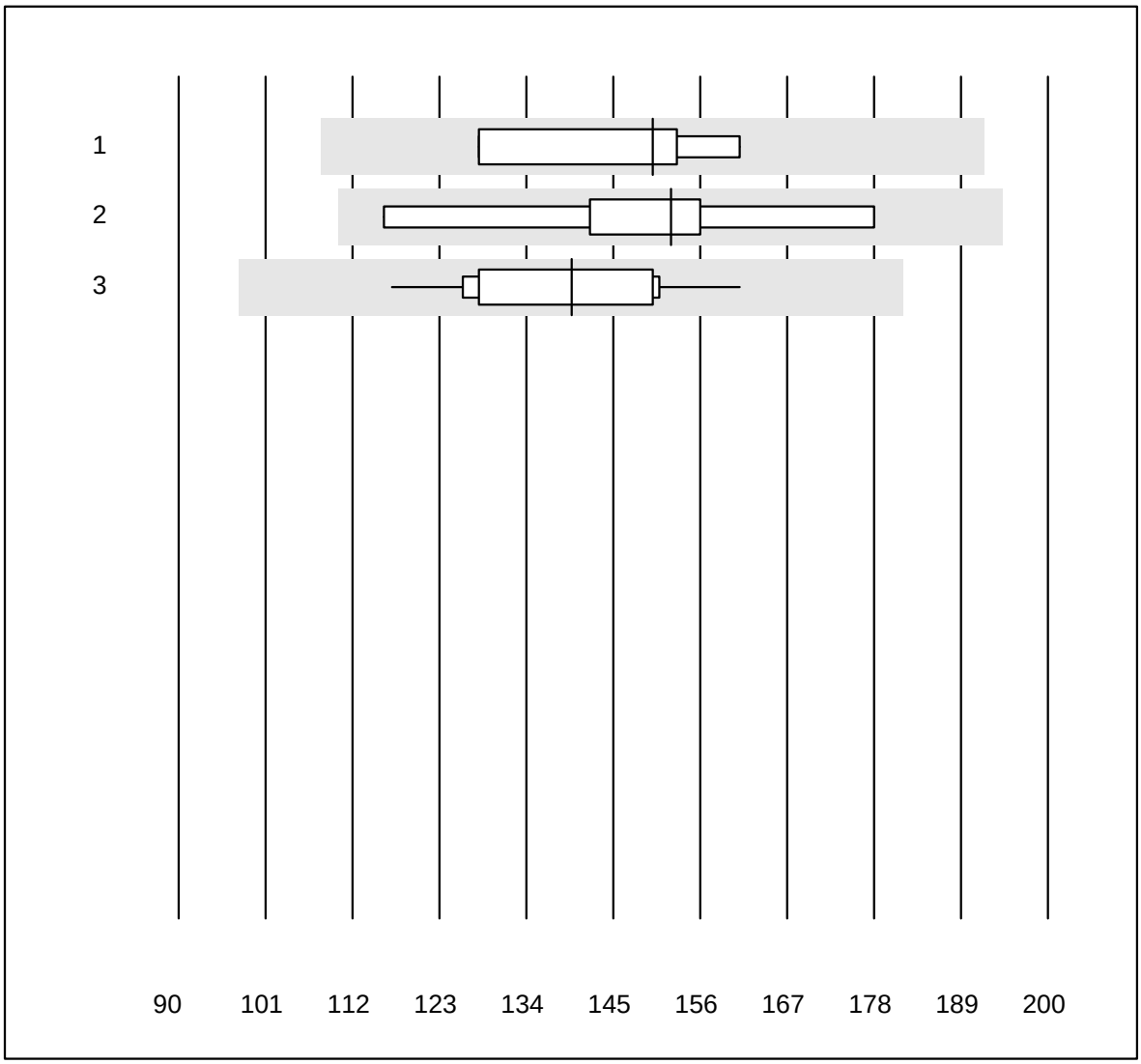
Ferritin



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Beckman	11	100.0	0.0	0.0	42.02	7.7	e
2	all Participants	6	83.3	0.0	16.7	29.95	5.8	e
3	Cobas E / Elecsys	11	100.0	0.0	0.0	43.70	7.6	e
4	Architect	5	100.0	0.0	0.0	38.00	3.6	e
5	Mira/DiaSys	4	100.0	0.0	0.0	36.00	17.5	e*
6	Mini Vidas	7	100.0	0.0	0.0	34.96	6.2	e
7	AFIAS	33	75.8	0.0	24.2	24.11	8.2	e
8	Eurolyser	14	92.9	0.0	7.1	46.00	6.3	e

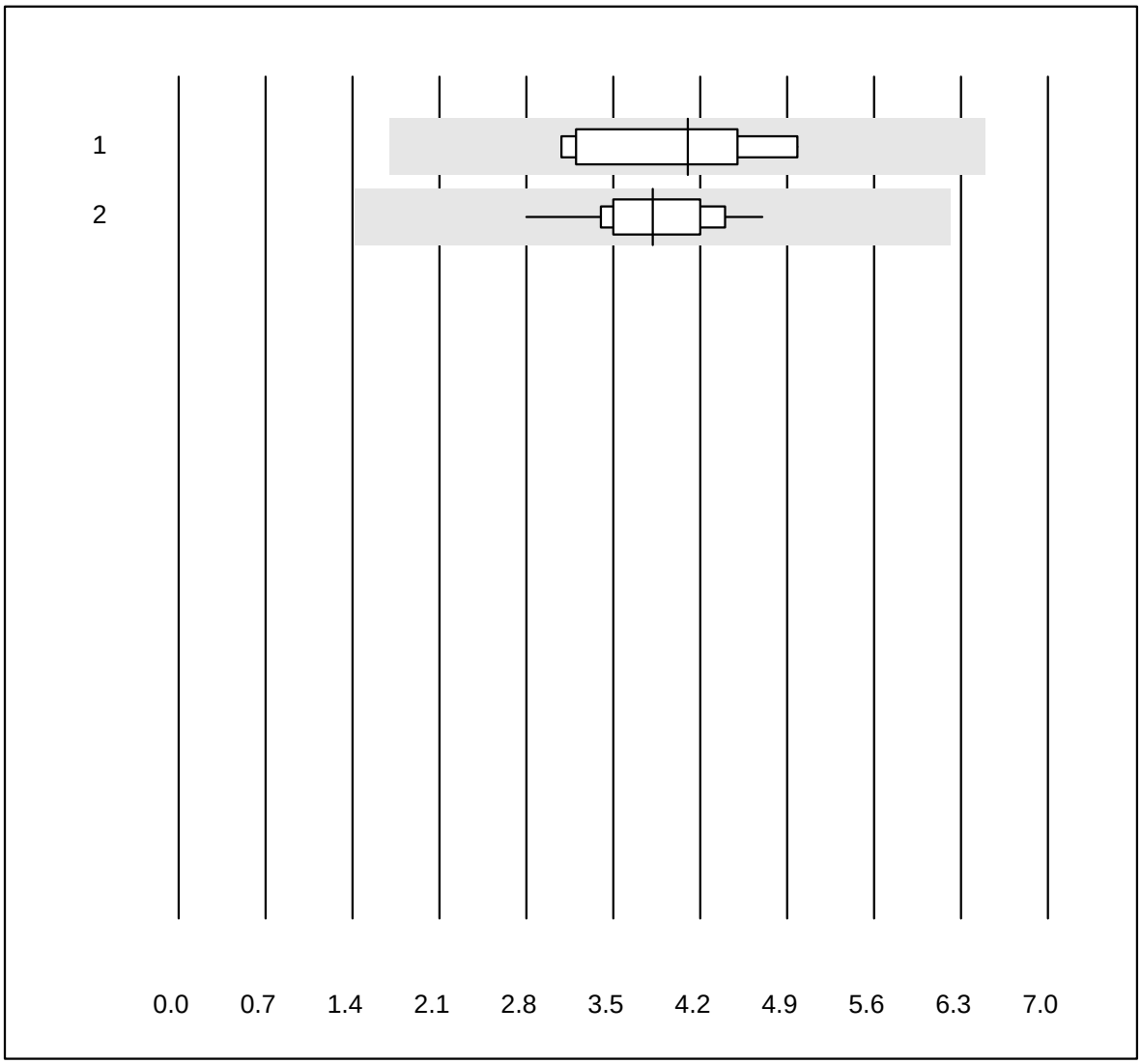
Vitamin B12



QUALAB tolerance : 21 %
(< 200.00: +/- 42.00 pmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	150.00	9.5	e*
2	Cobas E / Elecsys	8	100.0	0.0	0.0	152.29	11.6	e*
3	Architect	11	100.0	0.0	0.0	139.71	9.1	e*

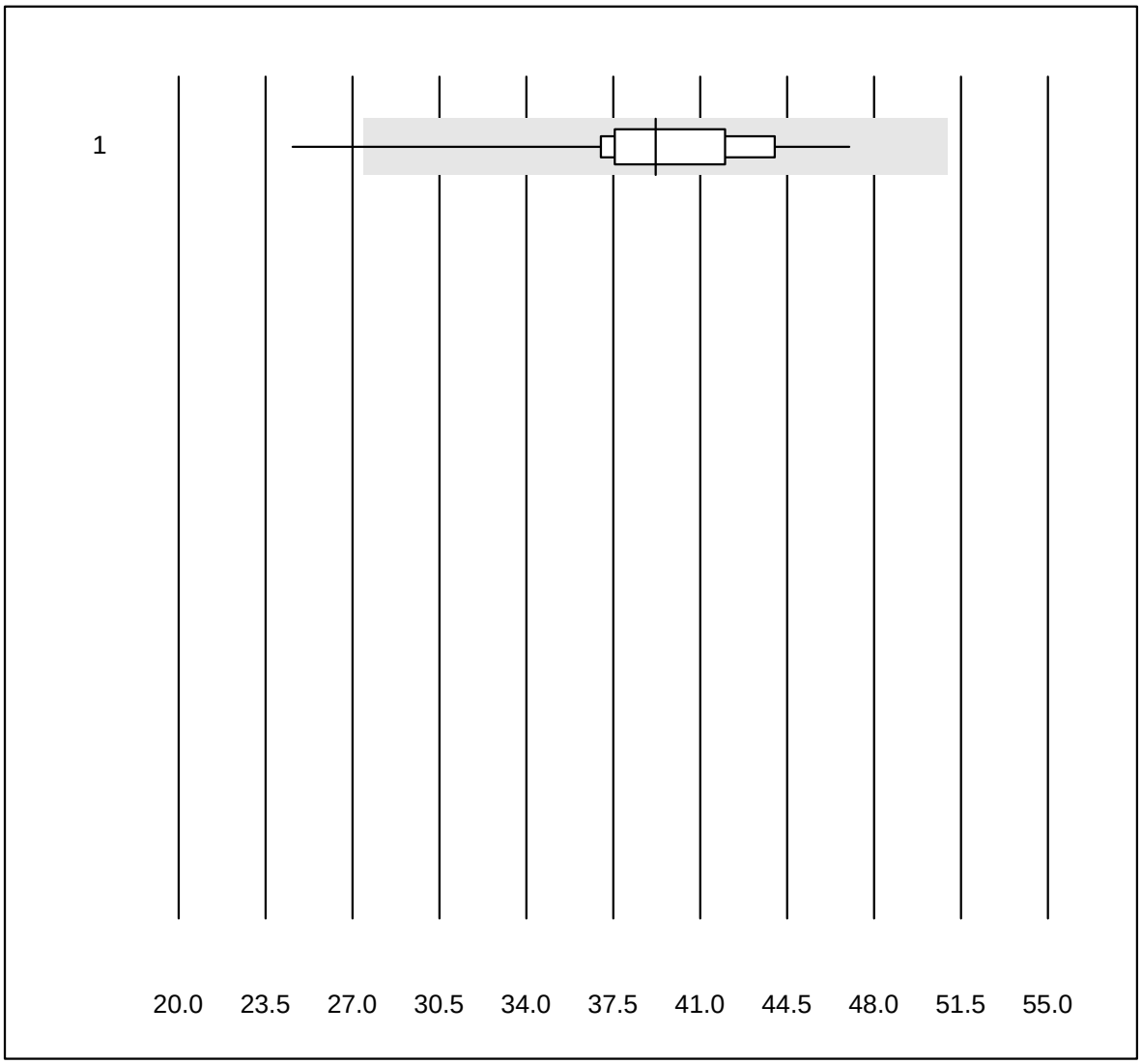
Folate



QUALAB tolerance : 24 %
(< 10.00: +/- 2.40 nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	8	100.0	0.0	0.0	4.10	17.9	e*
2	Architect	11	100.0	0.0	0.0	3.82	13.8	e*

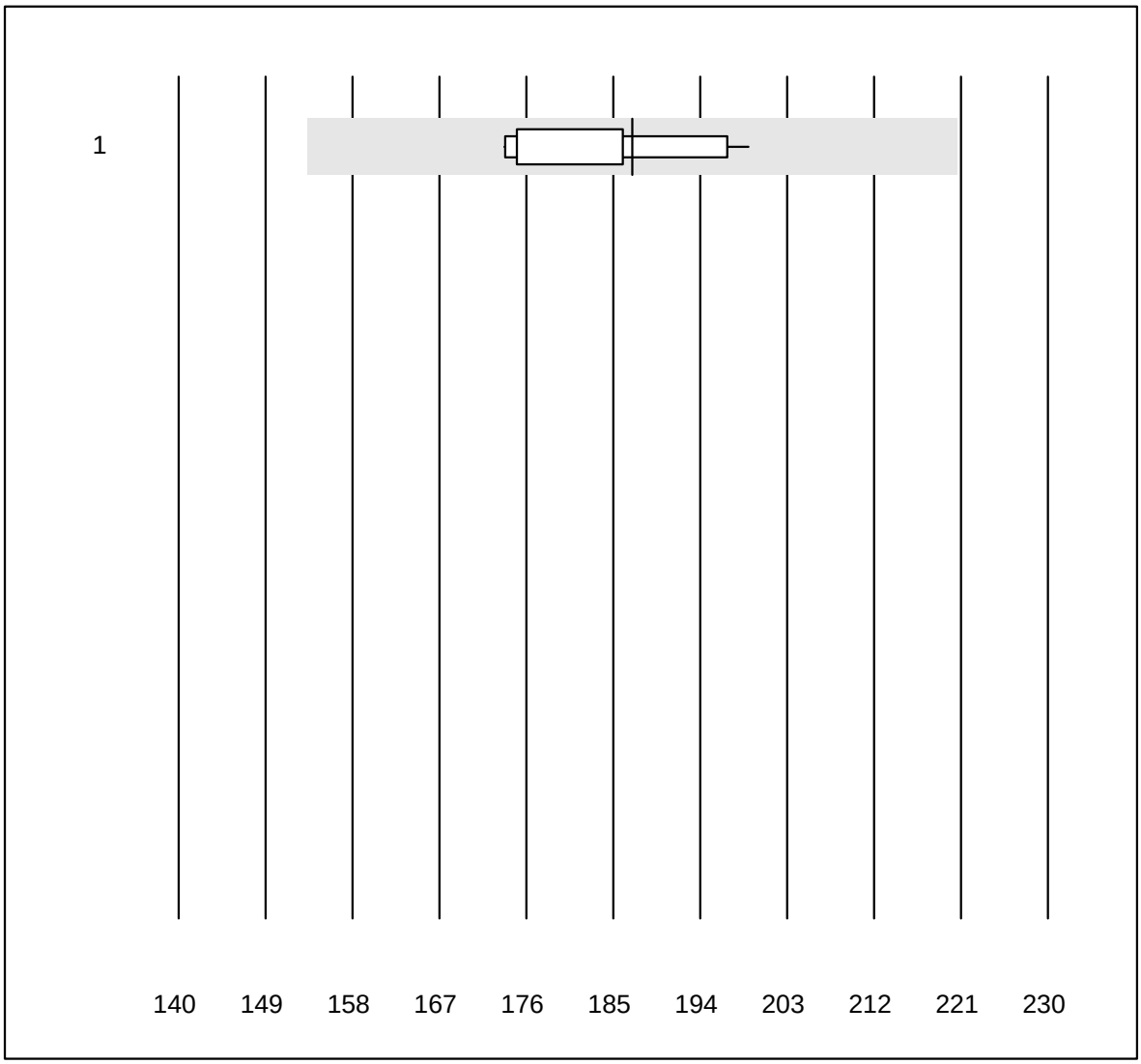
Holotranscobalamine



MQ tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	14	92.9	7.1	0.0	39.2	13.1	e

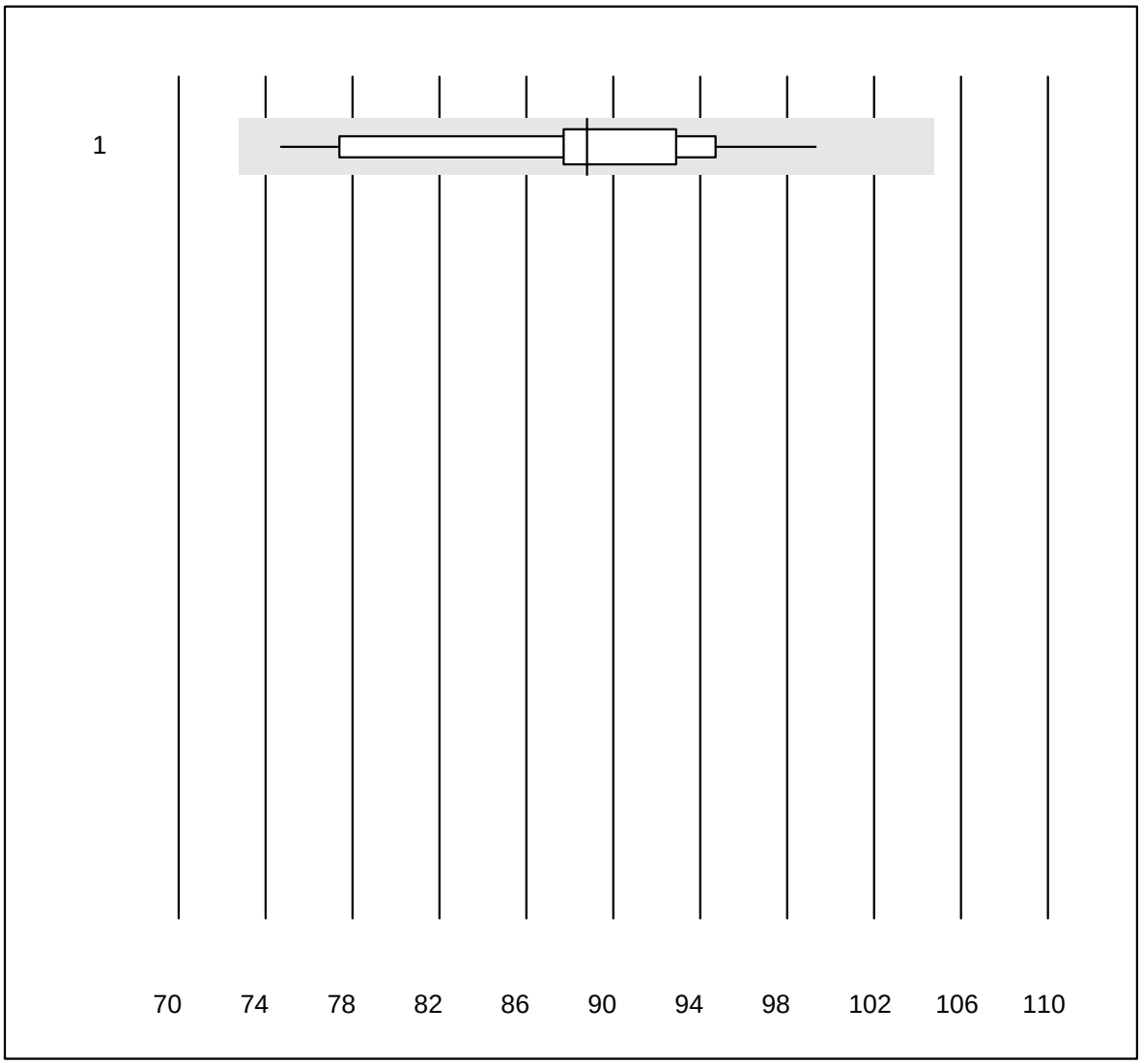
Bilirubin total Neo



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	14	100.0	0.0	0.0	187	4.7	e

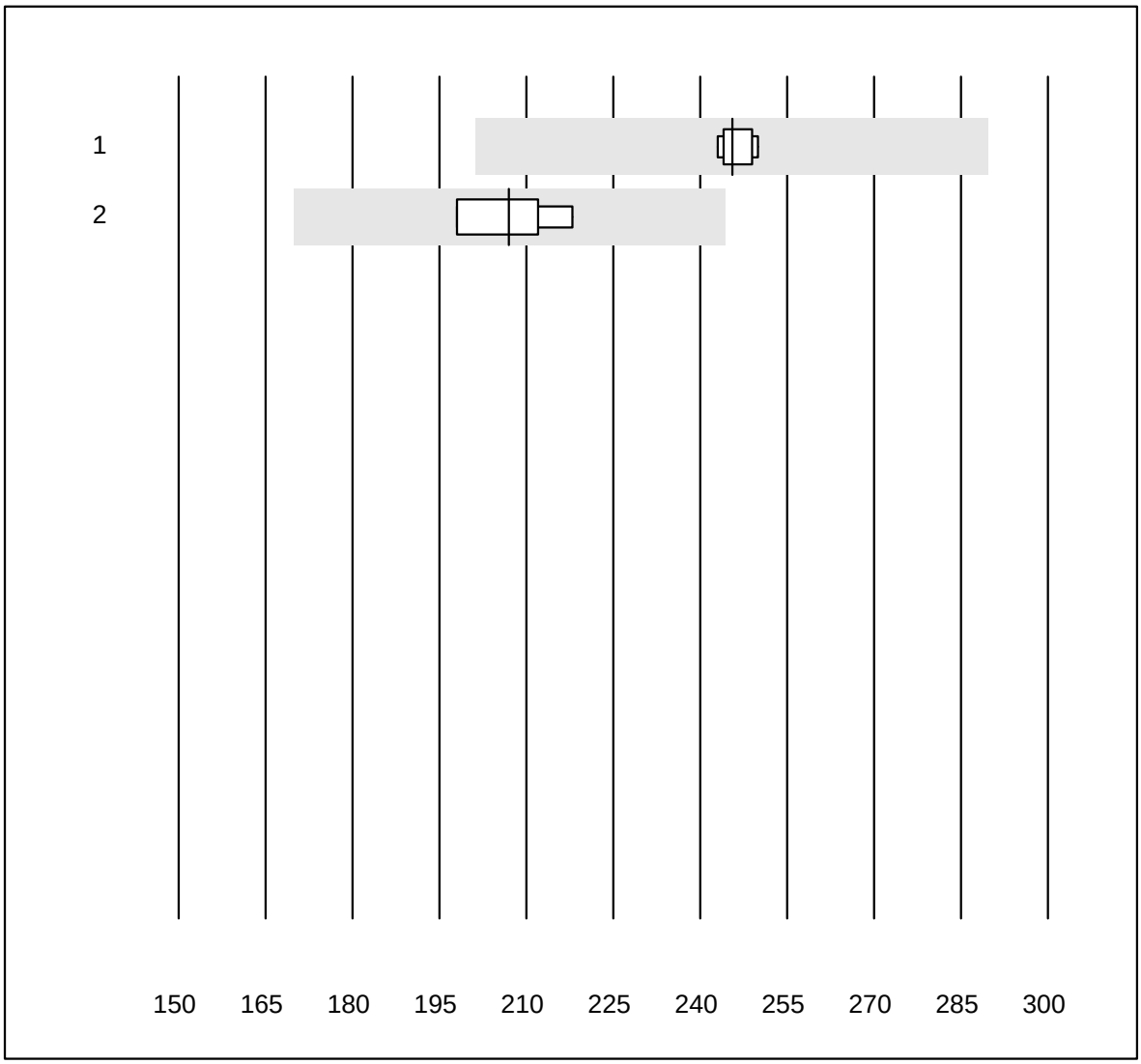
Bilirubin direct



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	17	100.0	0.0	0.0	89	7.6	e

Bilirubin neonatal

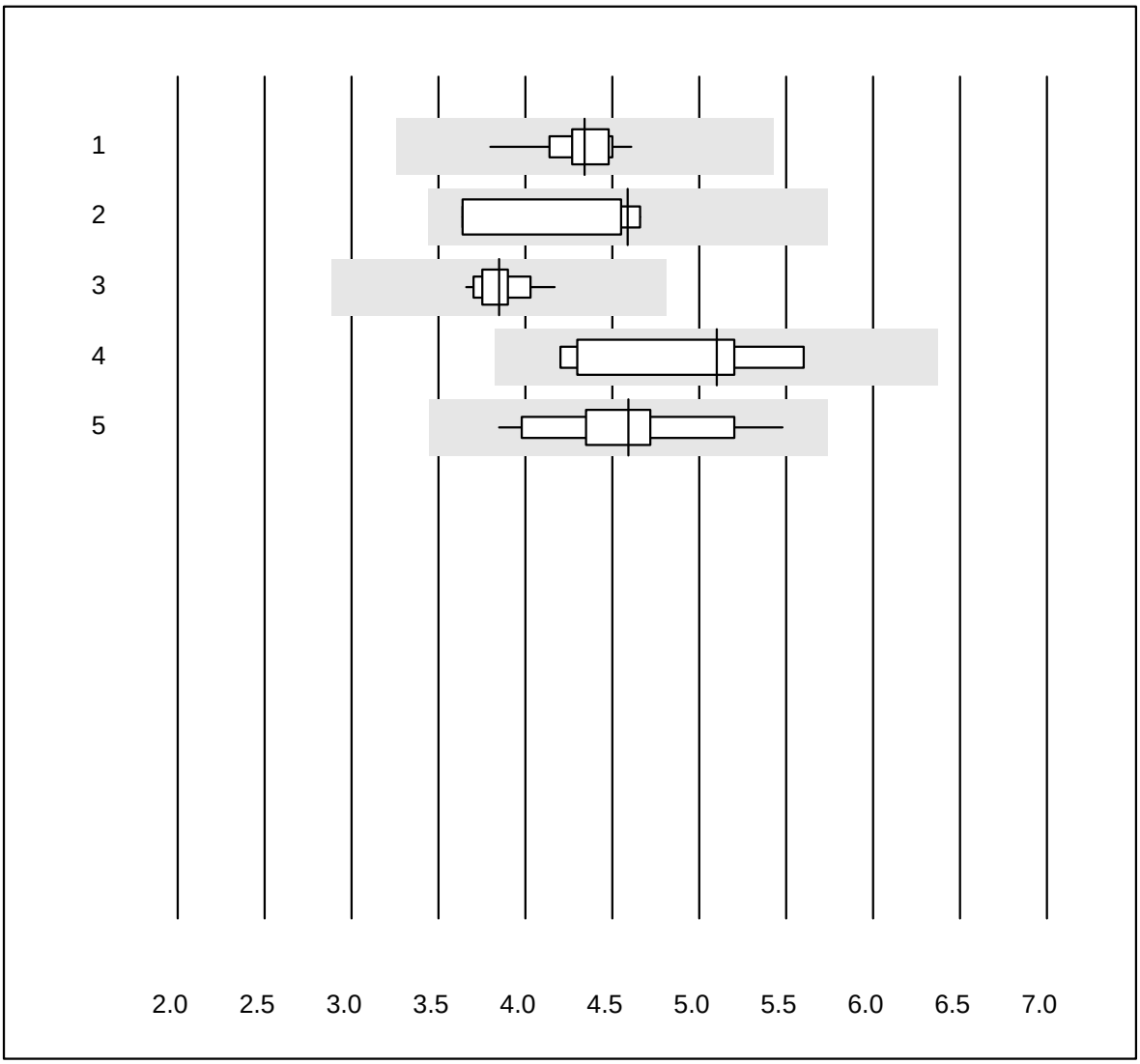


QUALAB tolerance : 18 %

Bilirubin neonatal (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	100.0	0.0	0.0	246	1.1	e
2	ABL700/800	4	100.0	0.0	0.0	207	4.4	e*

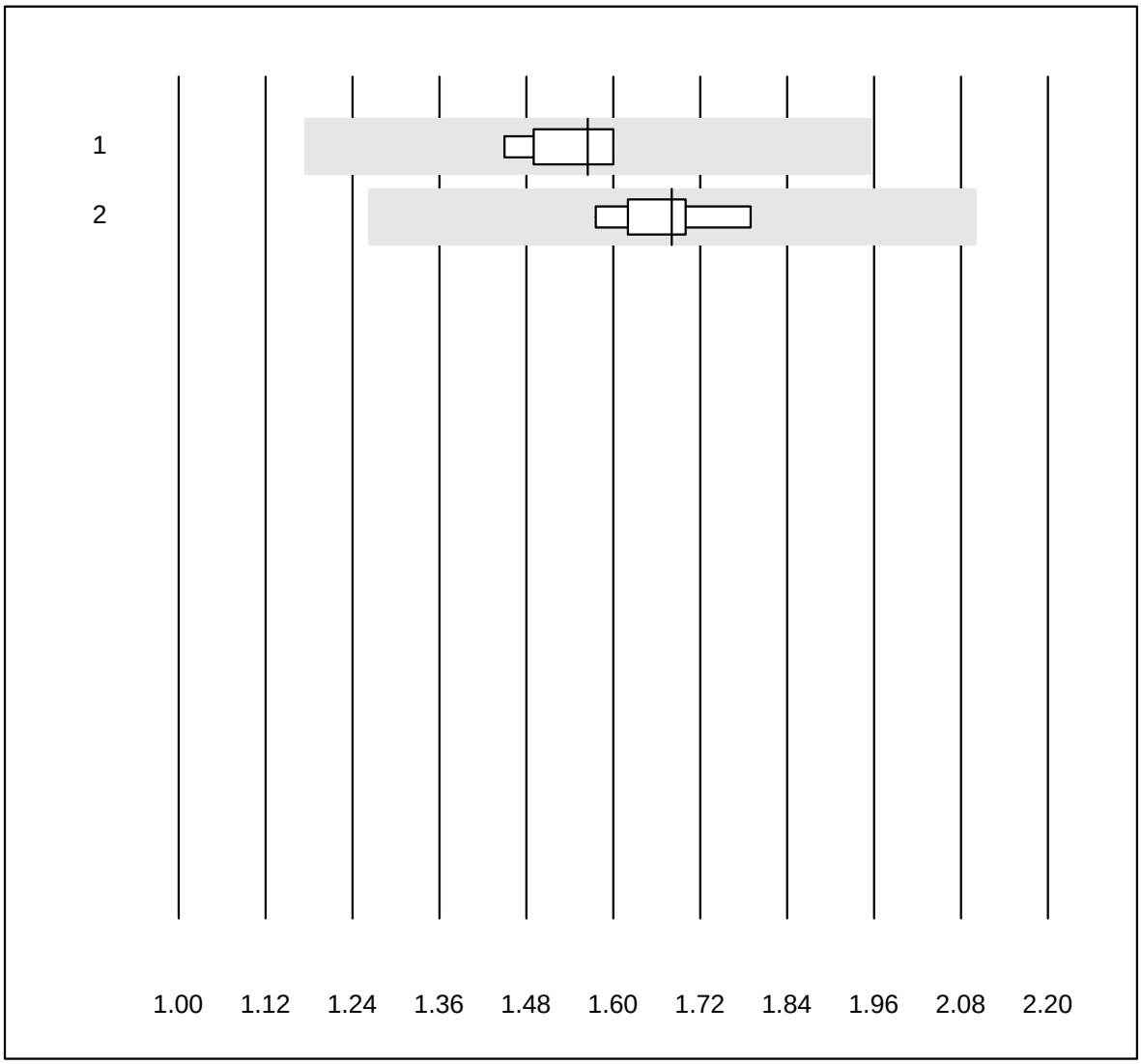
PSA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	11	100.0	0.0	0.0	4.34	5.0	e
2	VIDAS	4	100.0	0.0	0.0	4.59	10.8	a
3	Architect	11	100.0	0.0	0.0	3.85	3.8	e
4	Qualigen	5	100.0	0.0	0.0	5.10	12.4	e*
5	AFIAS	25	96.0	0.0	4.0	4.59	8.4	e

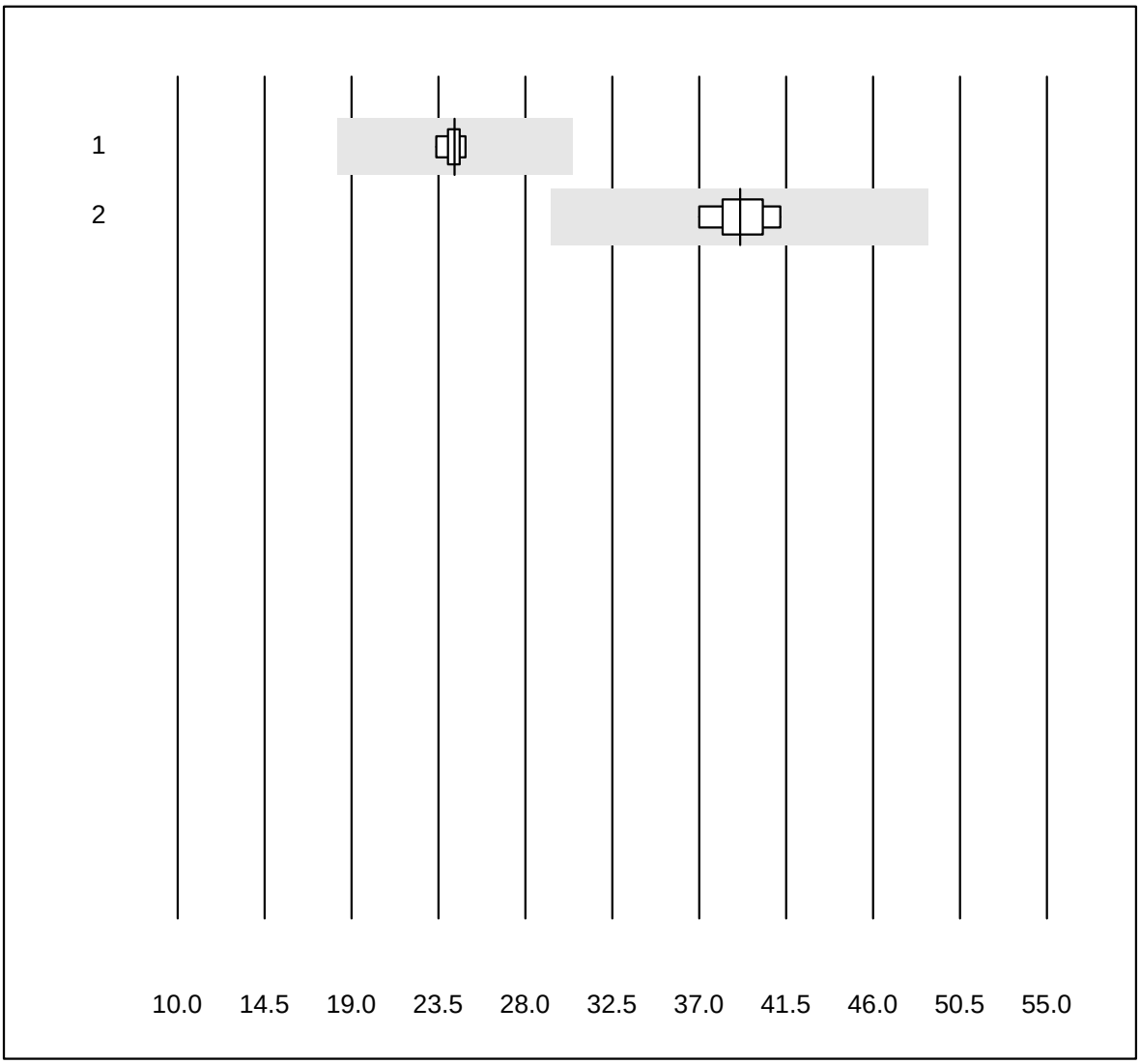
free PSA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	1.57	4.2	e
2	Architect	9	100.0	0.0	0.0	1.68	4.3	e

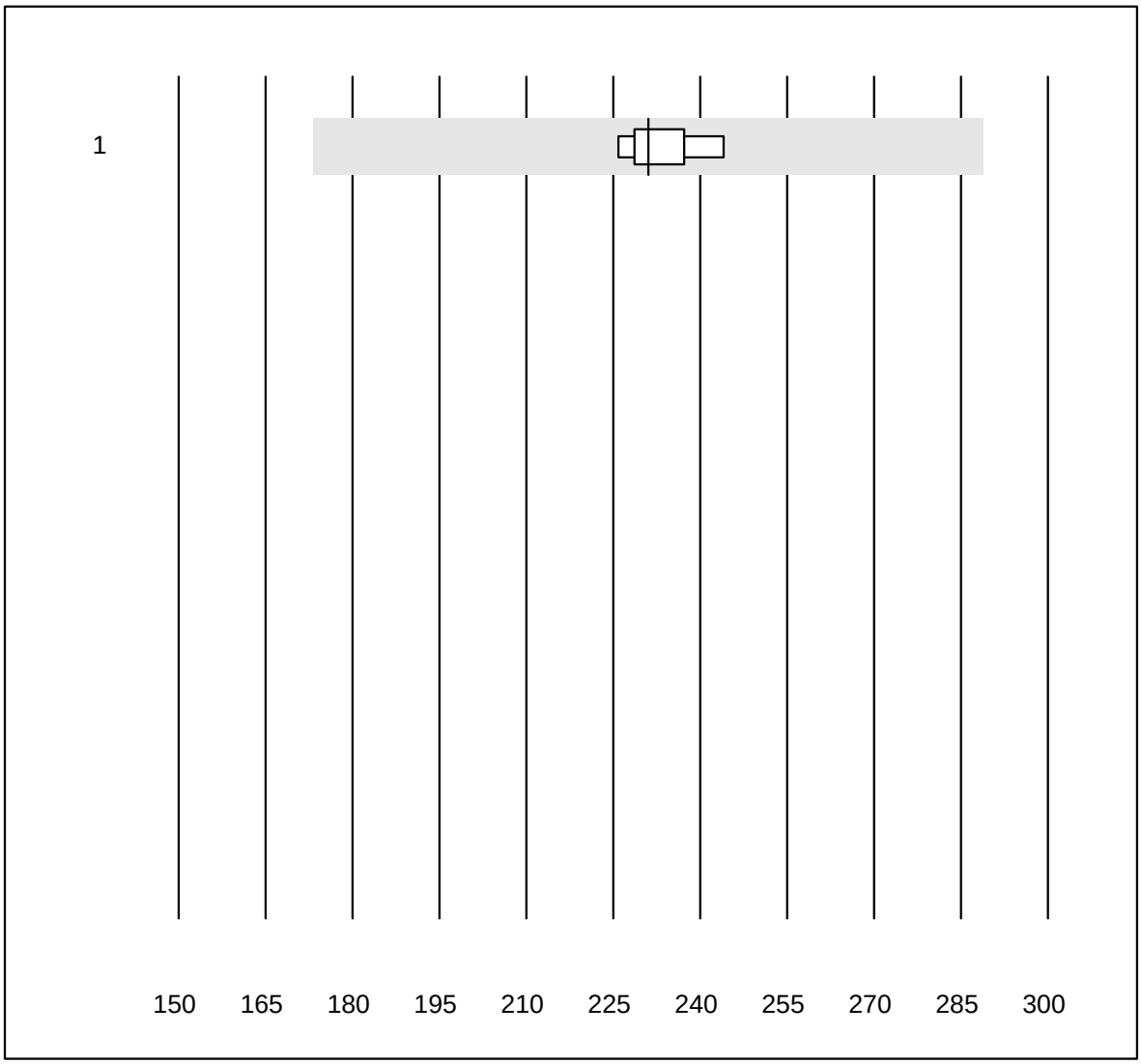
CEA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	7	100.0	0.0	0.0	24.3	2.0	e
2	Architect	9	100.0	0.0	0.0	39.1	3.8	e

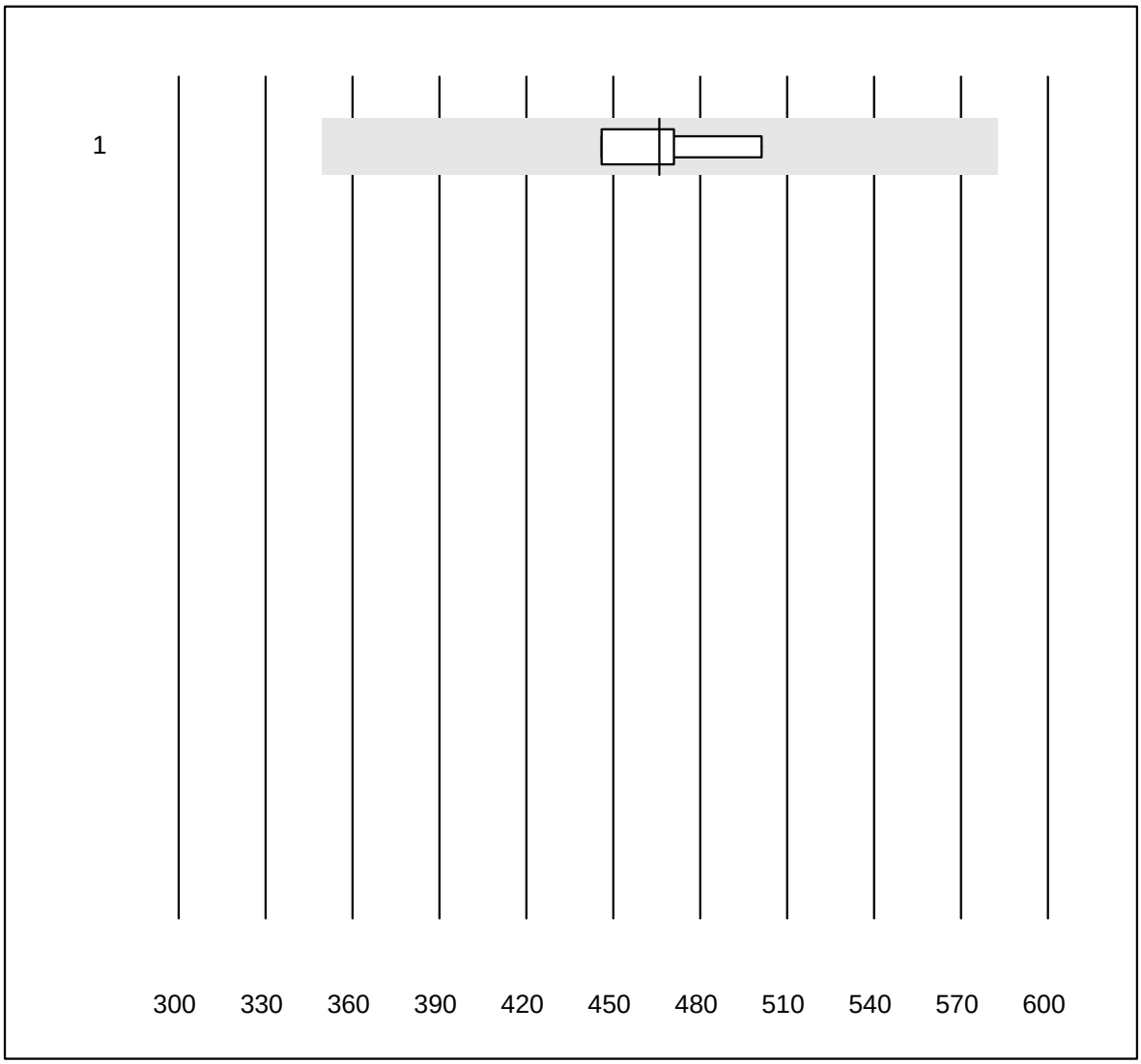
CA 125



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	6	100.0	0.0	0.0	231.0	2.9	a

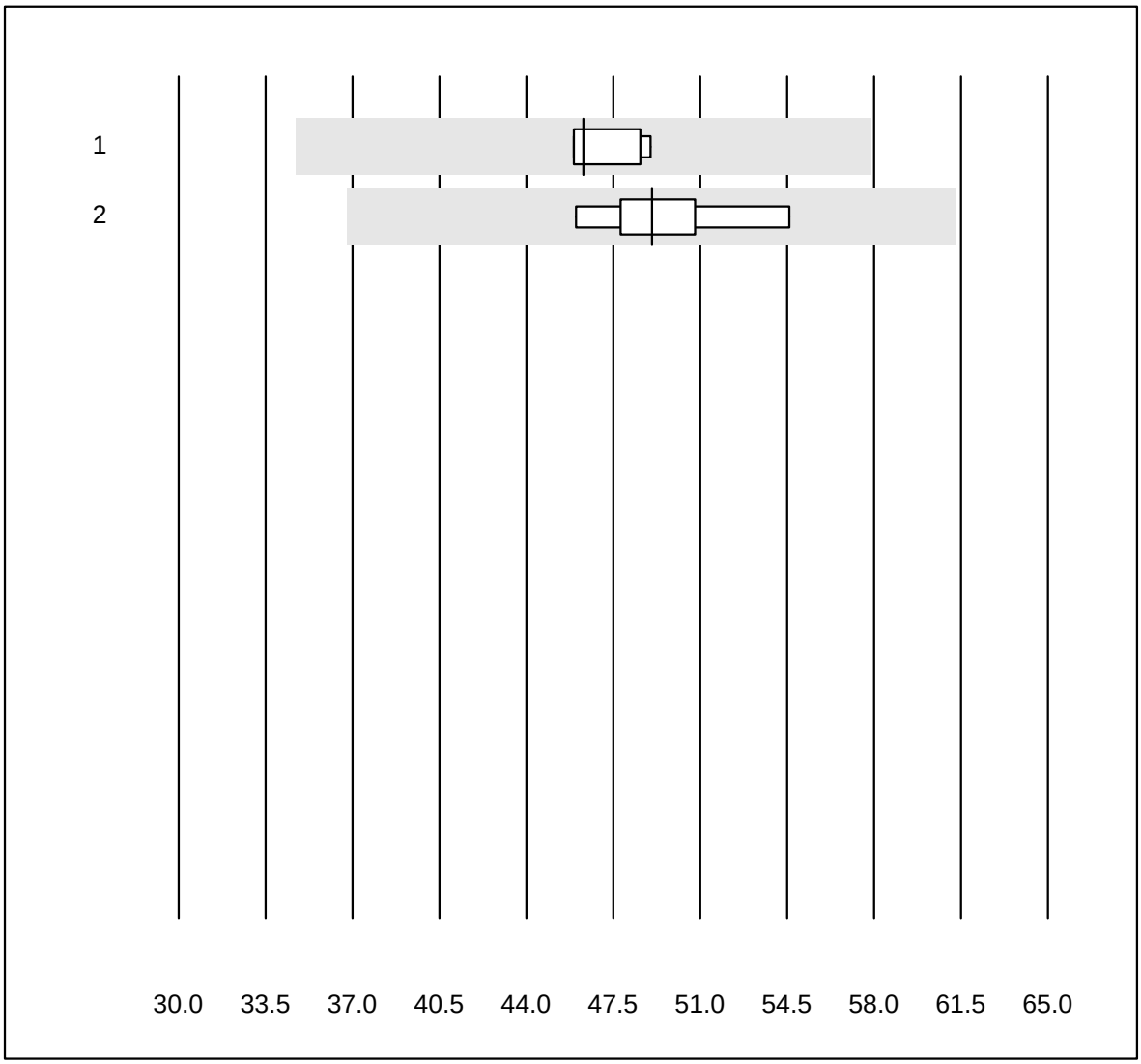
CA 19-9



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	466.0	4.8	a

CA 15-3

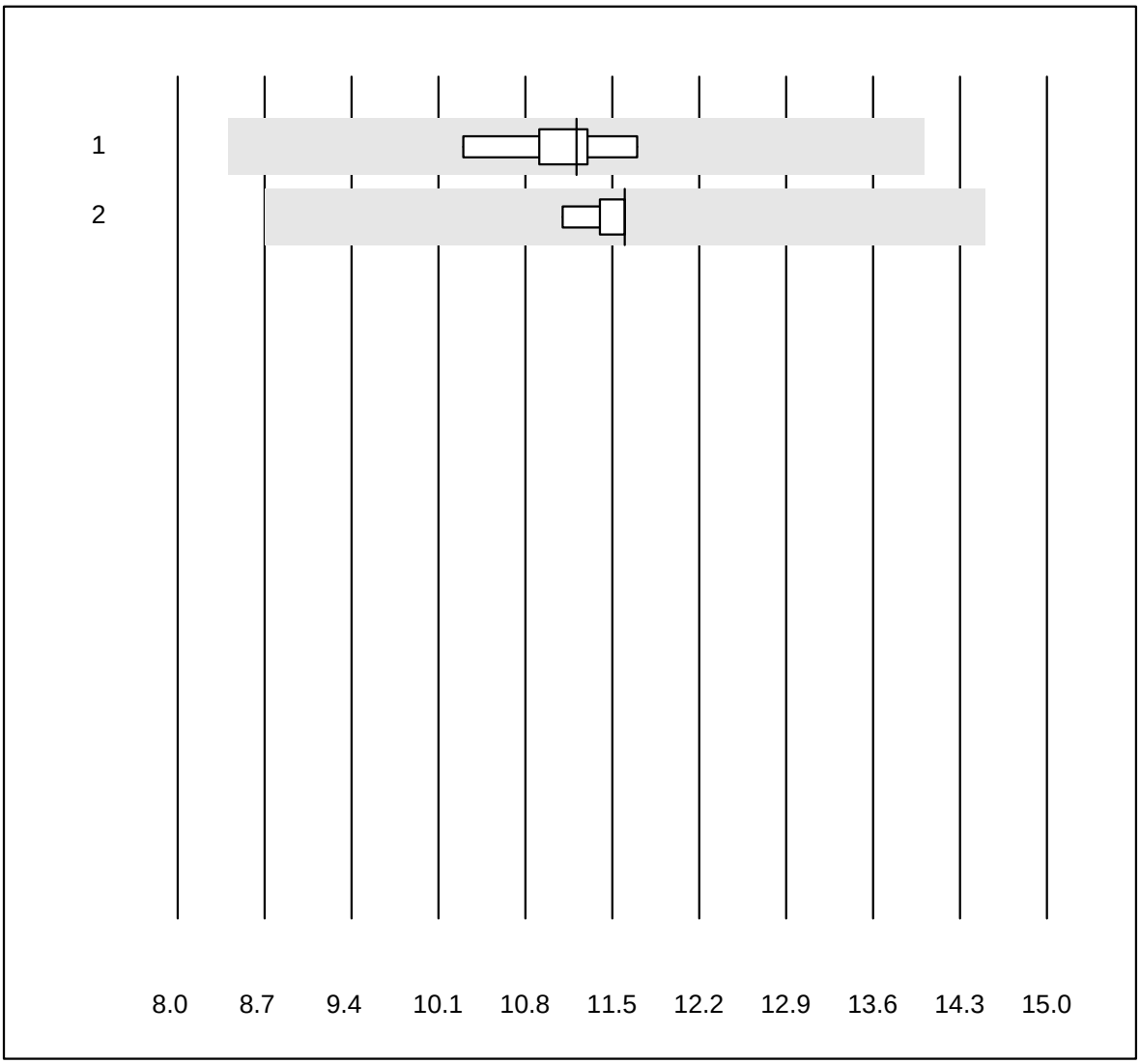


MQ tolerance : 25 %

CA 15-3 (kIU/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	46.3	2.9	a
2	Architect	6	100.0	0.0	0.0	49.1	6.1	e

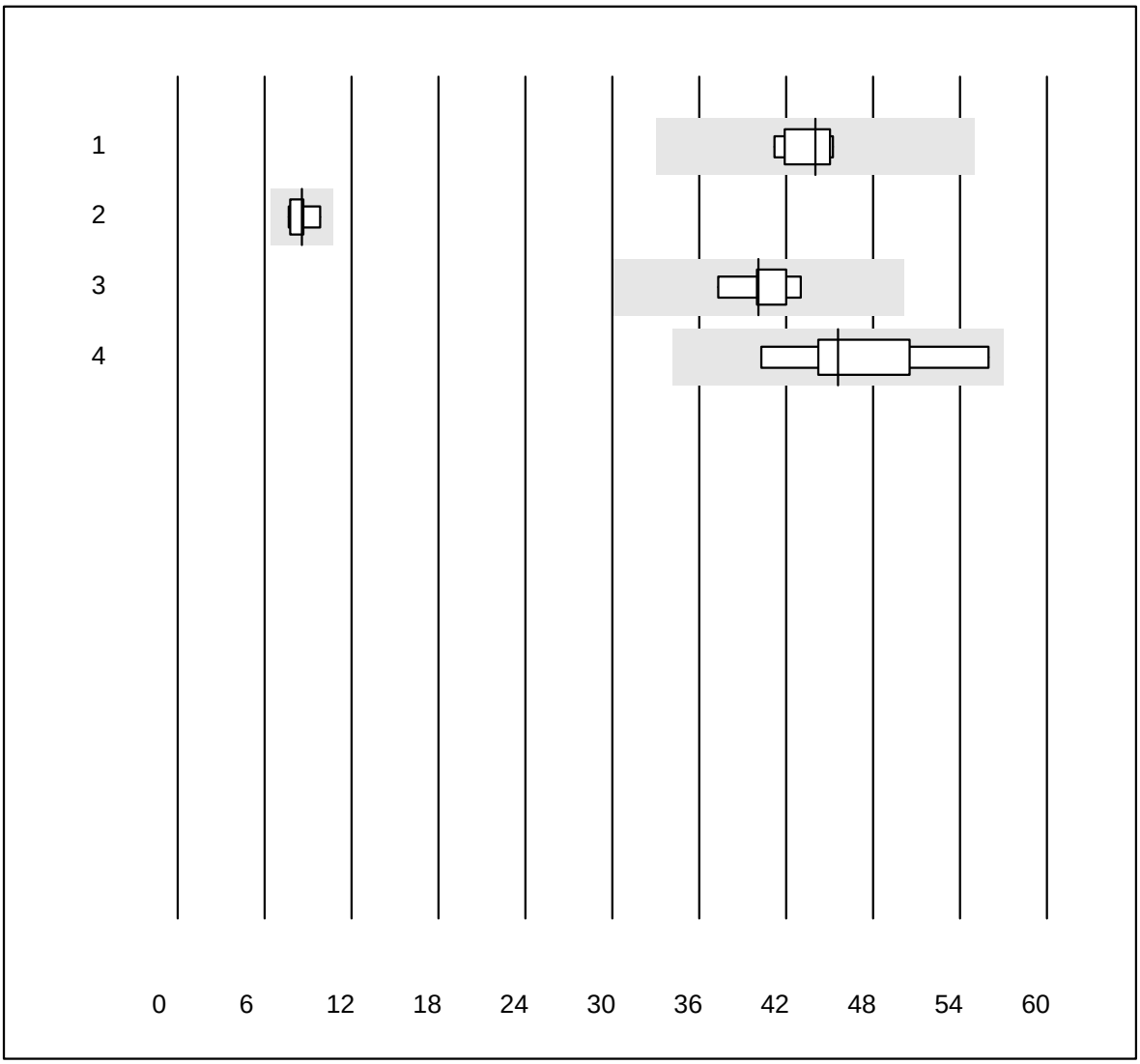
AFP



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	11.2	4.7	e
2	Architect	5	100.0	0.0	0.0	11.6	1.9	e

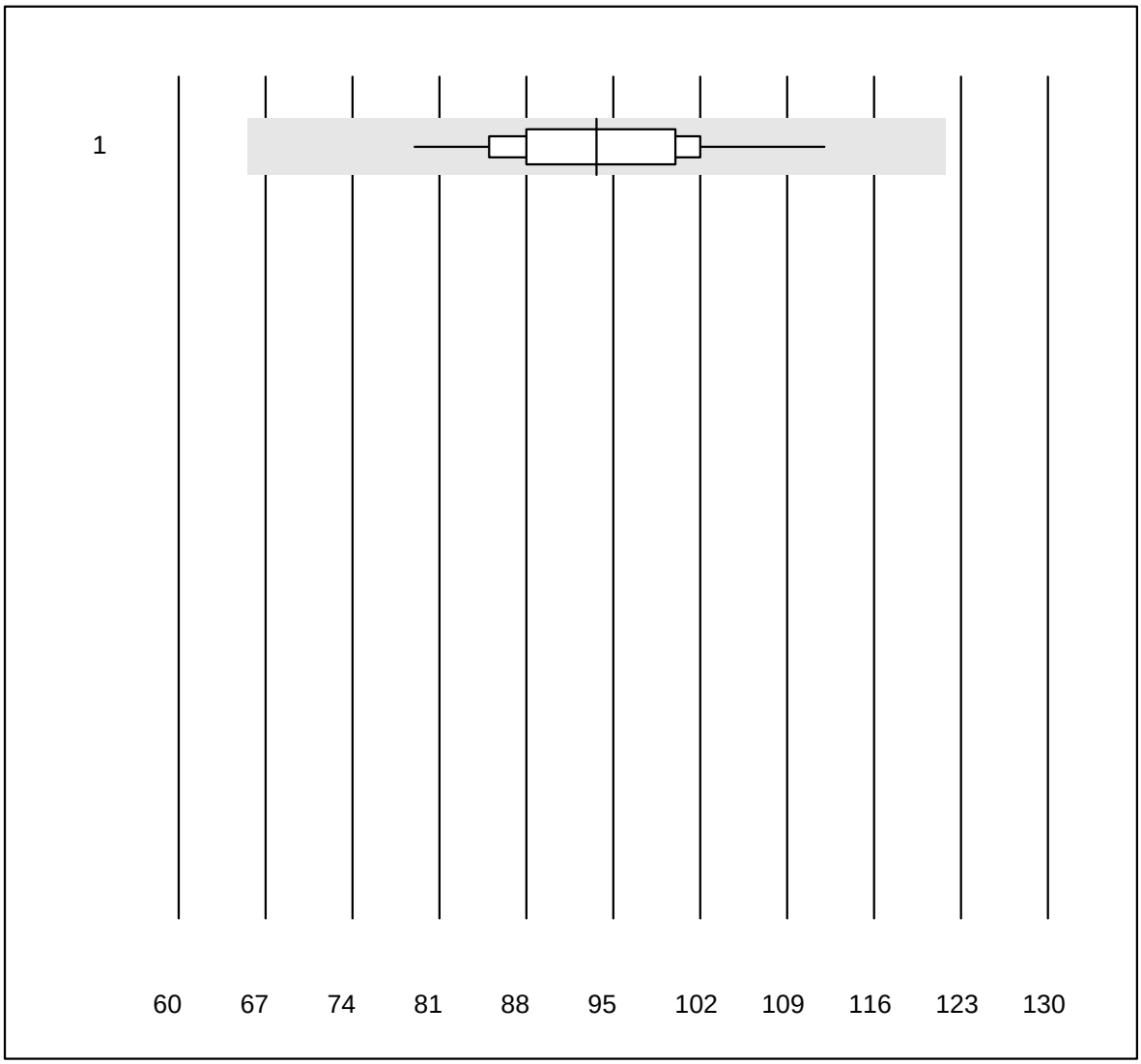
HCG qn



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	44.0	3.8	e
2	VIDAS	8	100.0	0.0	0.0	8.6	8.7	e*
3	Architect	6	100.0	0.0	0.0	40.1	4.9	e
4	AFIAS	7	100.0	0.0	0.0	45.6	10.6	a

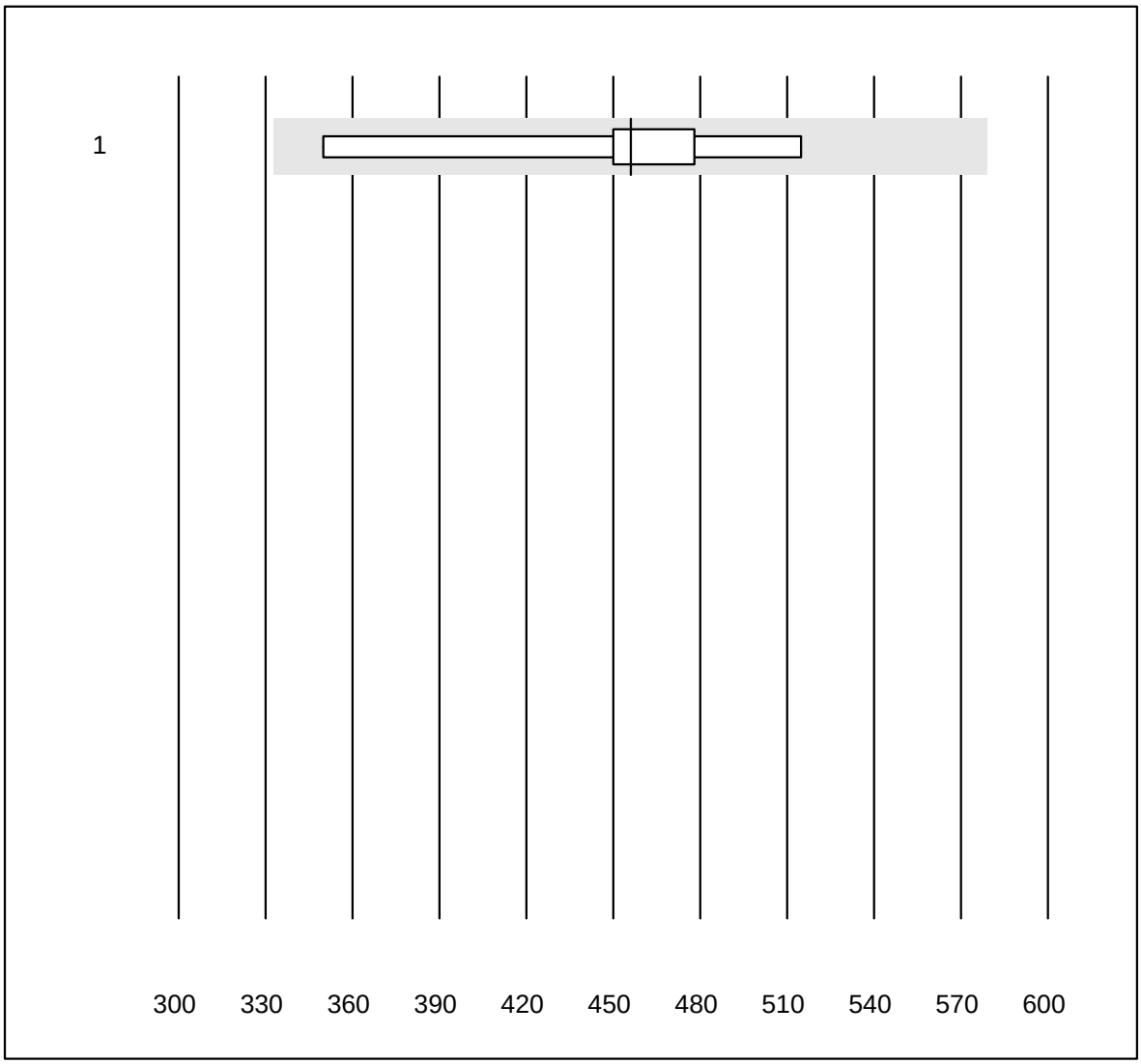
CK-MB



MQ tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Fuji Dri-Chem	35	100.0	0.0	0.0	93.7	7.8	e

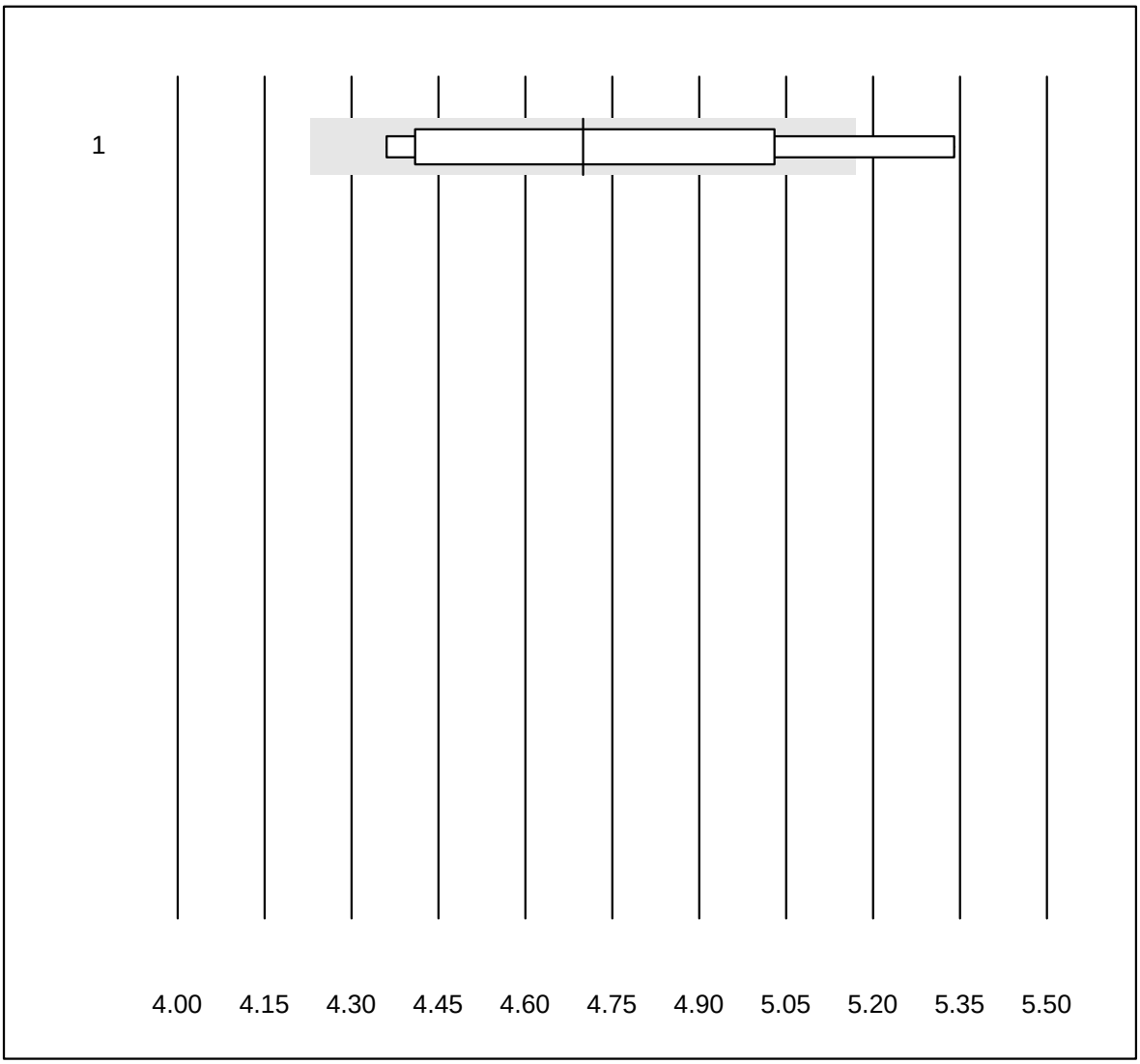
BNP



QUALAB tolerance : 27 %

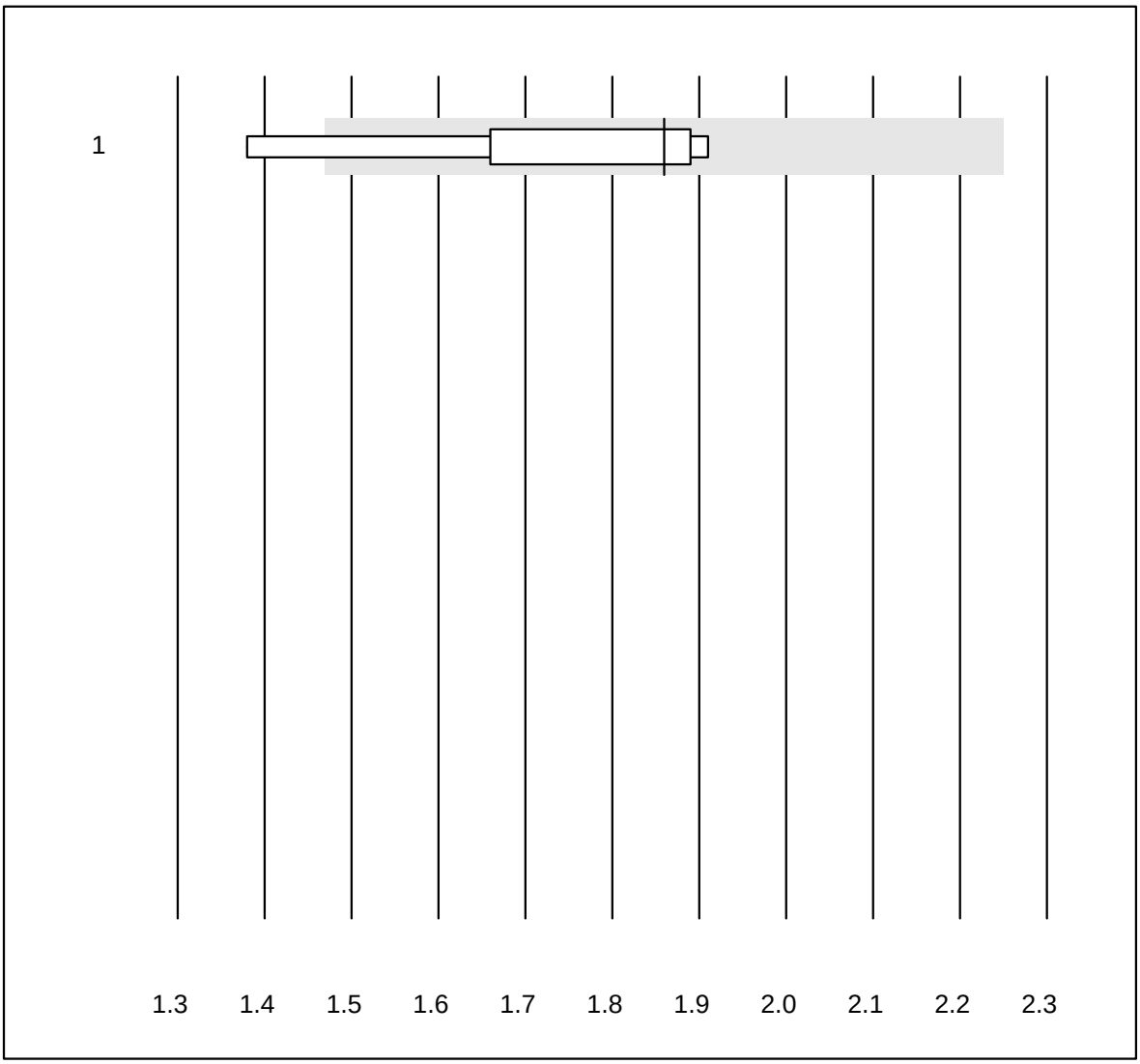
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	6	100.0	0.0	0.0	456.0	12.2	e*

Cholesterin PTS



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	8	87.5	12.5	0.0	4.70	7.3	e*

Cholesterin HDL PTS

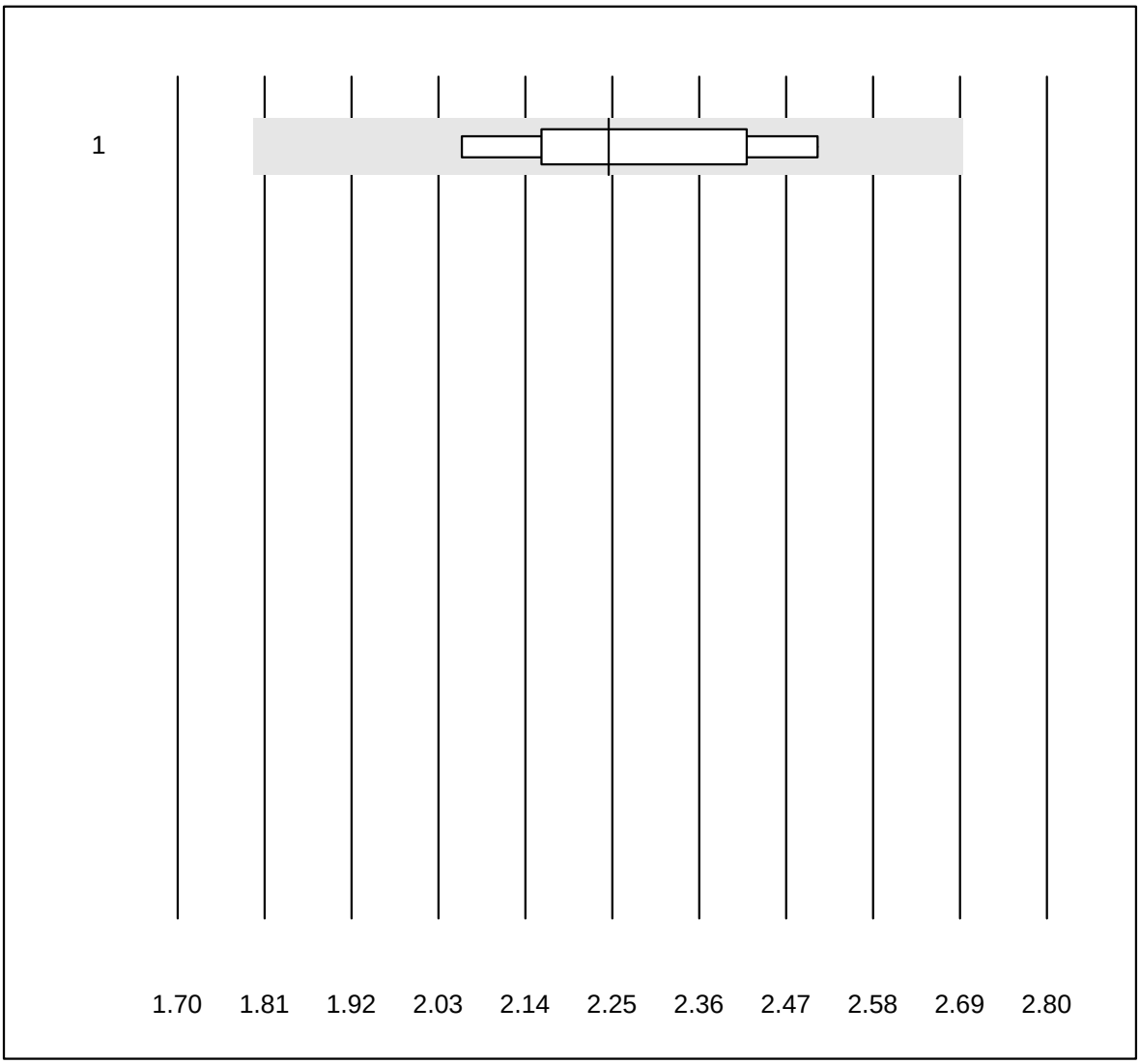


QUALAB tolerance : 21 %

Cholesterin HDL PTS (mmol/l)

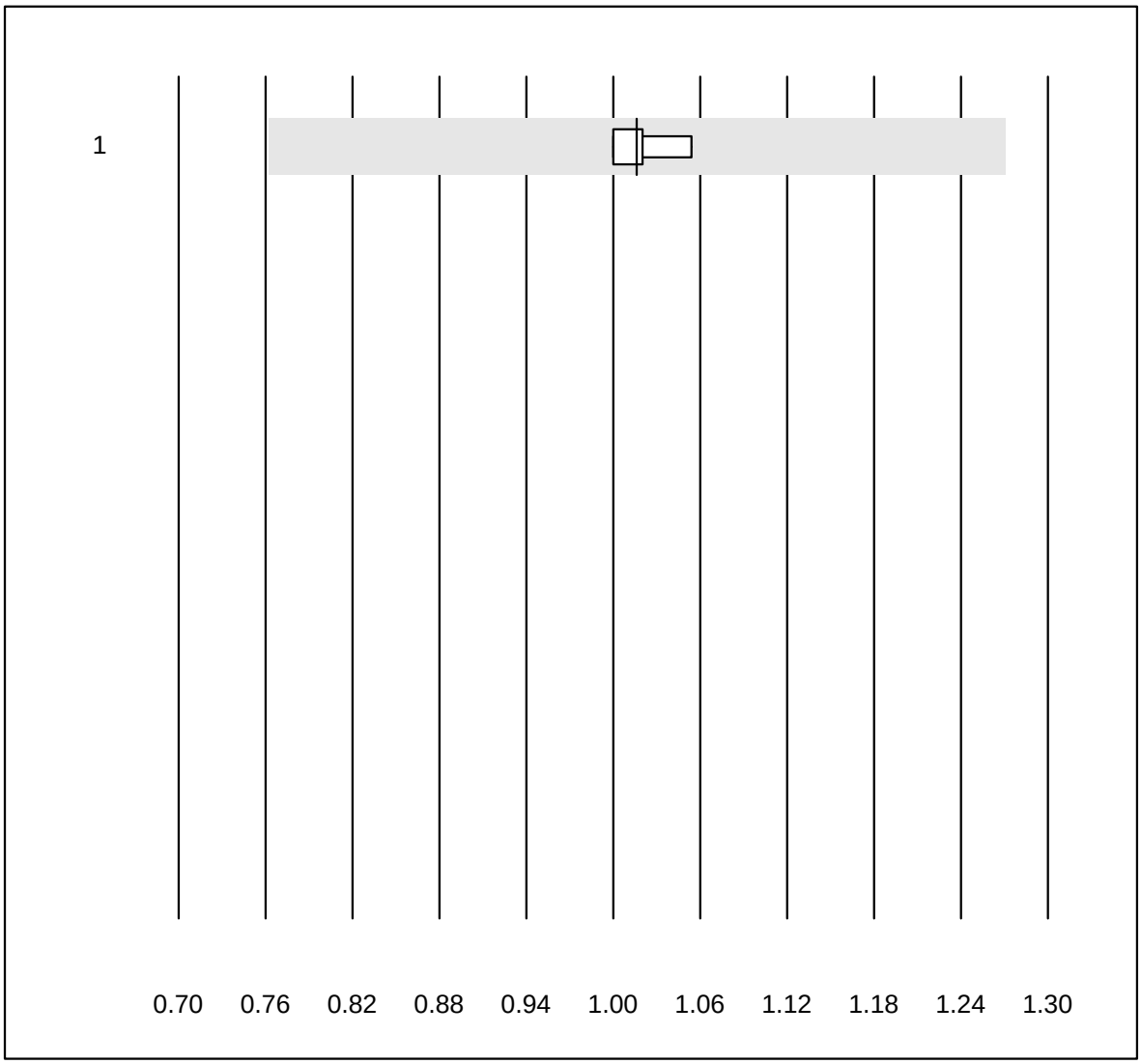
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	8	87.5	12.5	0.0	1.86	10.5	e*

Triglyceride PTS



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	8	100.0	0.0	0.0	2.25	7.0	e*

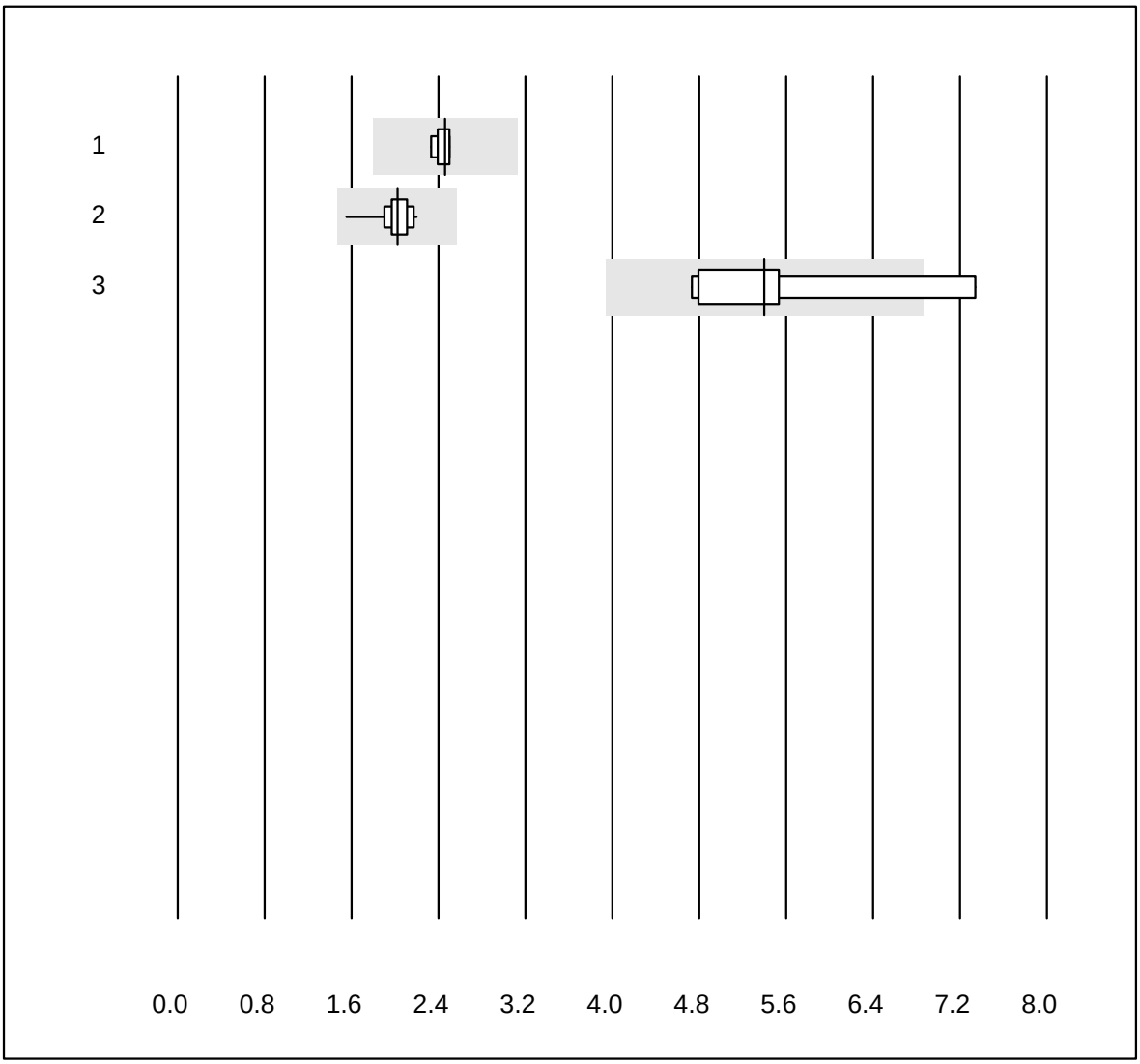
C-Peptid



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Liaison	5	100.0	0.0	0.0	1.0	2.2	e

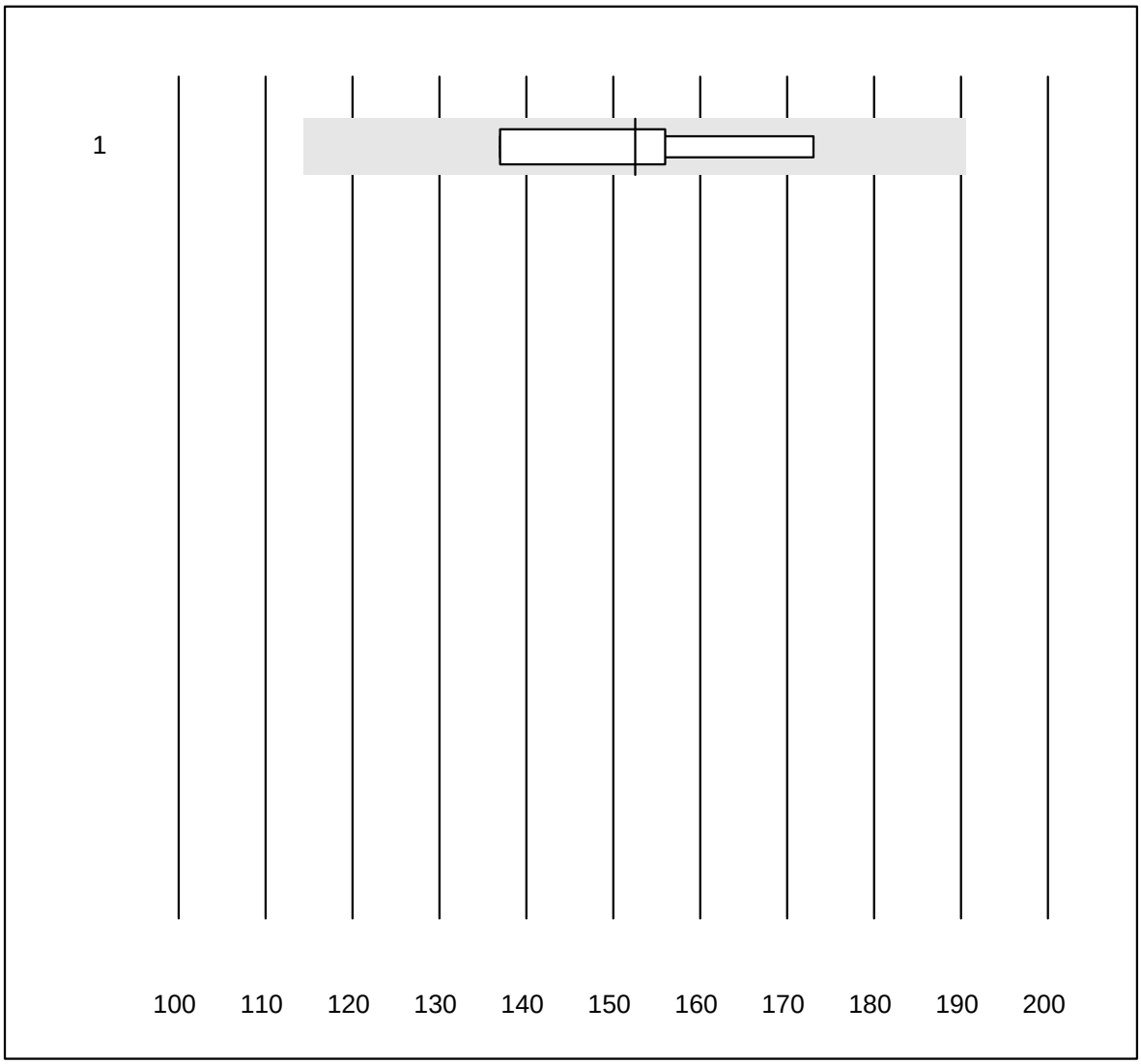
Procalcitonin



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	6	100.0	0.0	0.0	2.46	2.8	e
2	VIDAS	20	100.0	0.0	0.0	2.02	6.9	e
3	Liaison	7	71.4	14.3	14.3	5.40	17.2	e*

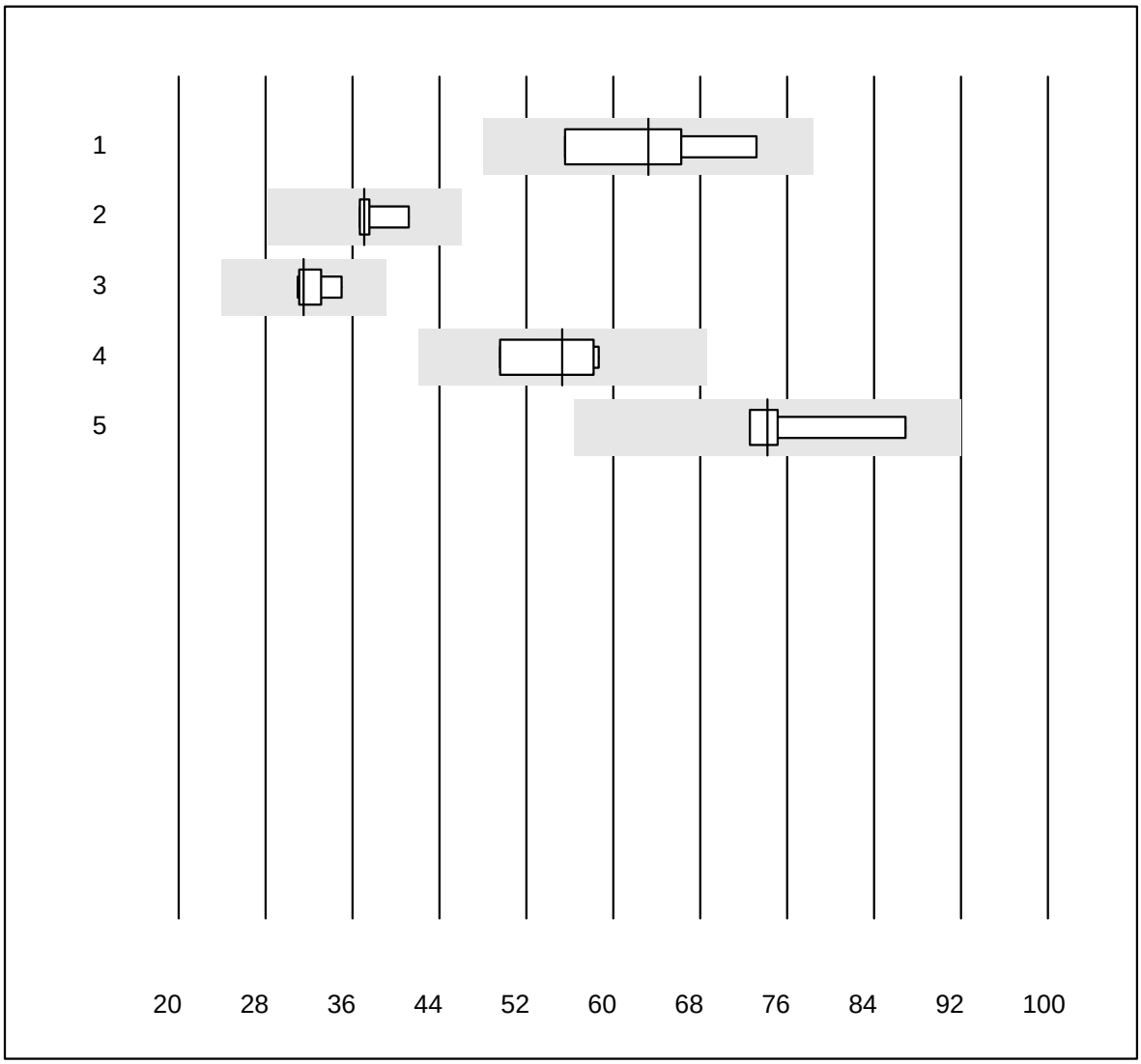
EPO



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	4	100.0	0.0	0.0	152.5	9.8	e*

Parathyroid hormone

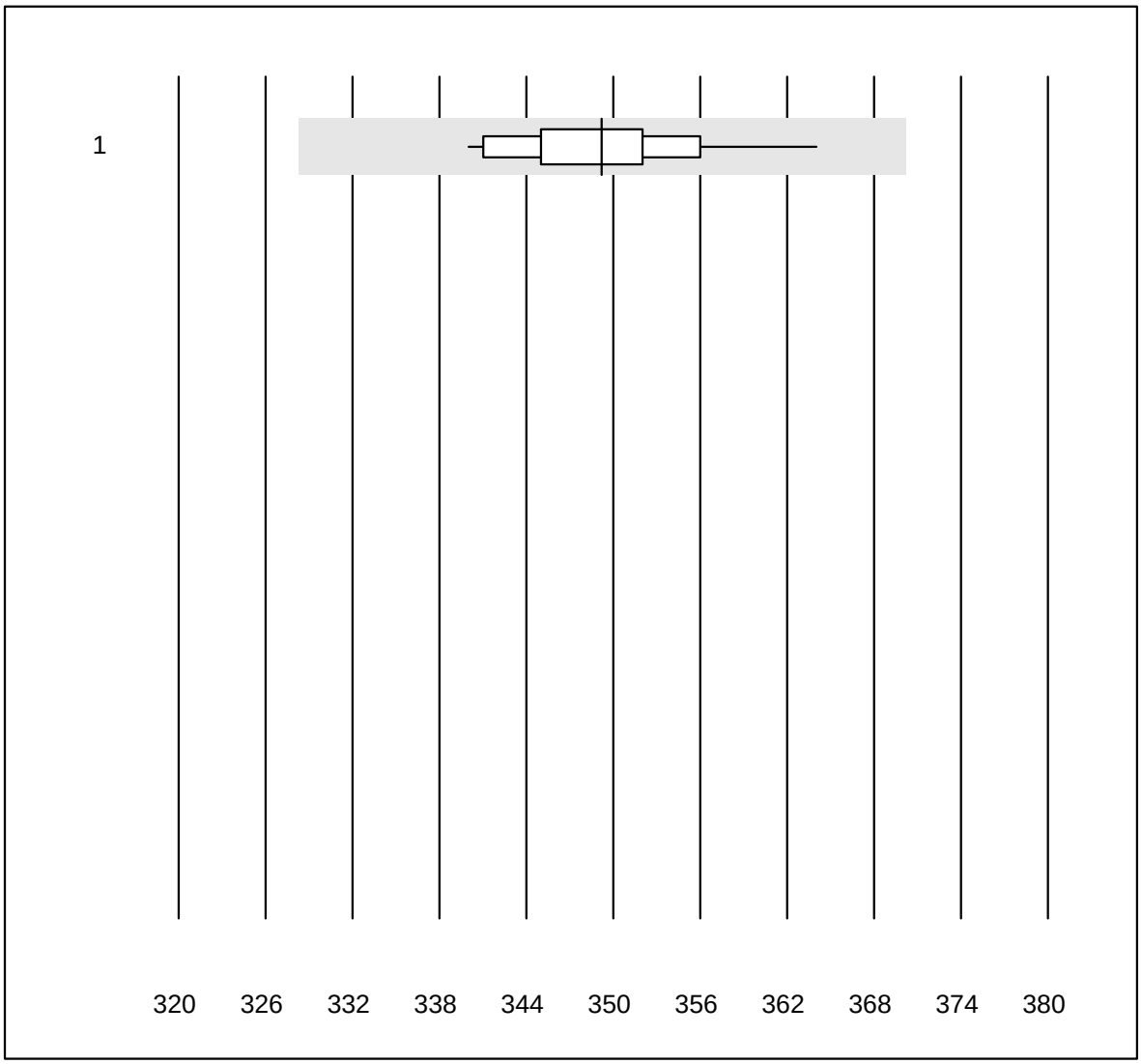


QUALAB tolerance : 24 %

Parathyroid hormone (pmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	63.2	12.0	e*
2	Cobas PTH STAT	4	100.0	0.0	0.0	37.1	5.7	e
3	Cobas	6	100.0	0.0	0.0	31.5	5.0	e
4	all Participants	4	100.0	0.0	0.0	55.3	8.1	e*
5	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	74.2	8.7	e*

Osmolality

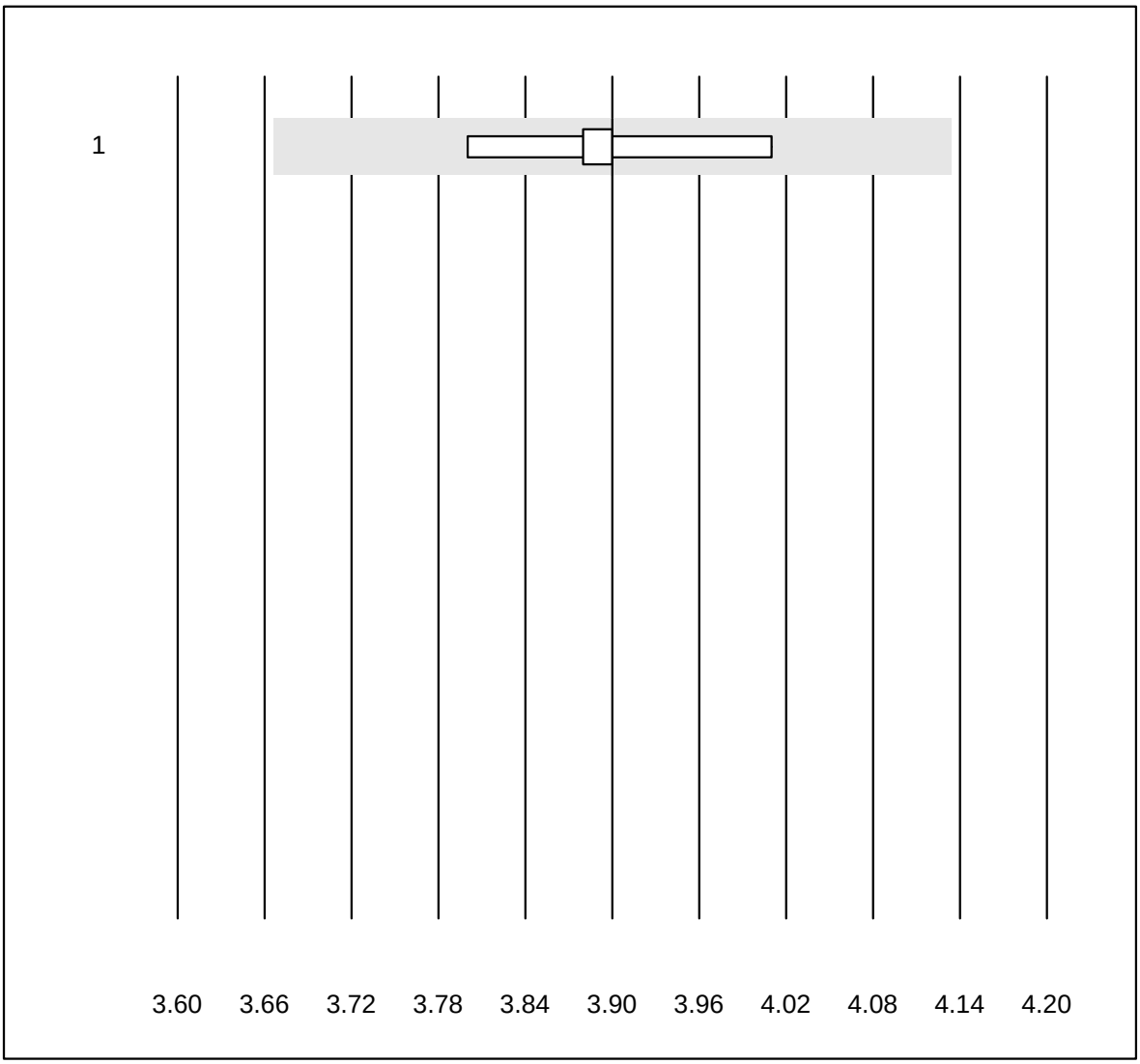


QUALAB tolerance : 6 %

Osmolality (mosm/kg)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cryoskopy	14	100.0	0.0	0.0	349	1.8	e

Potassium-K22

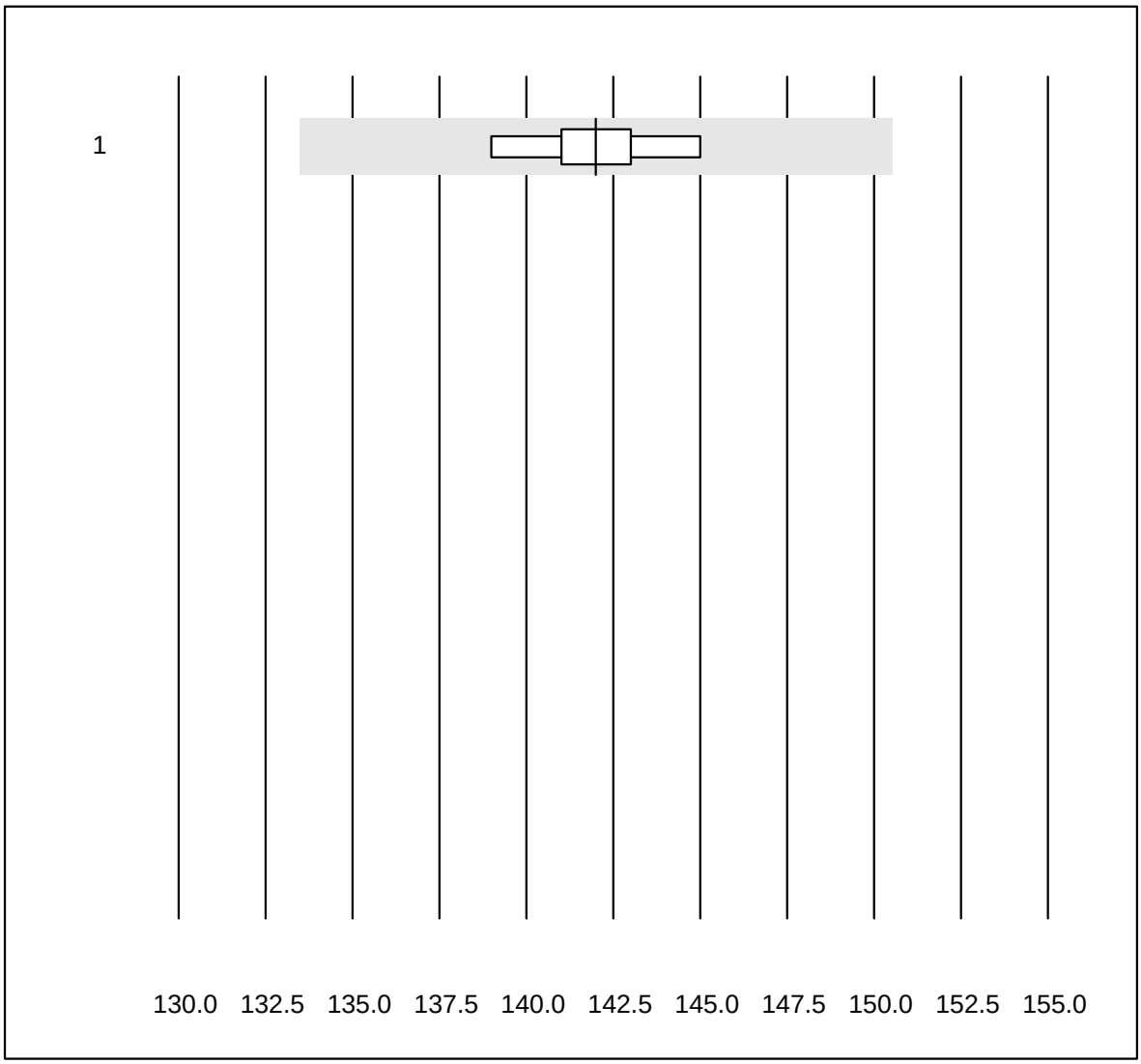


QUALAB tolerance : 6 %

Potassium-K22 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	9	100.0	0.0	0.0	3.9	1.6	e

Sodium-K22

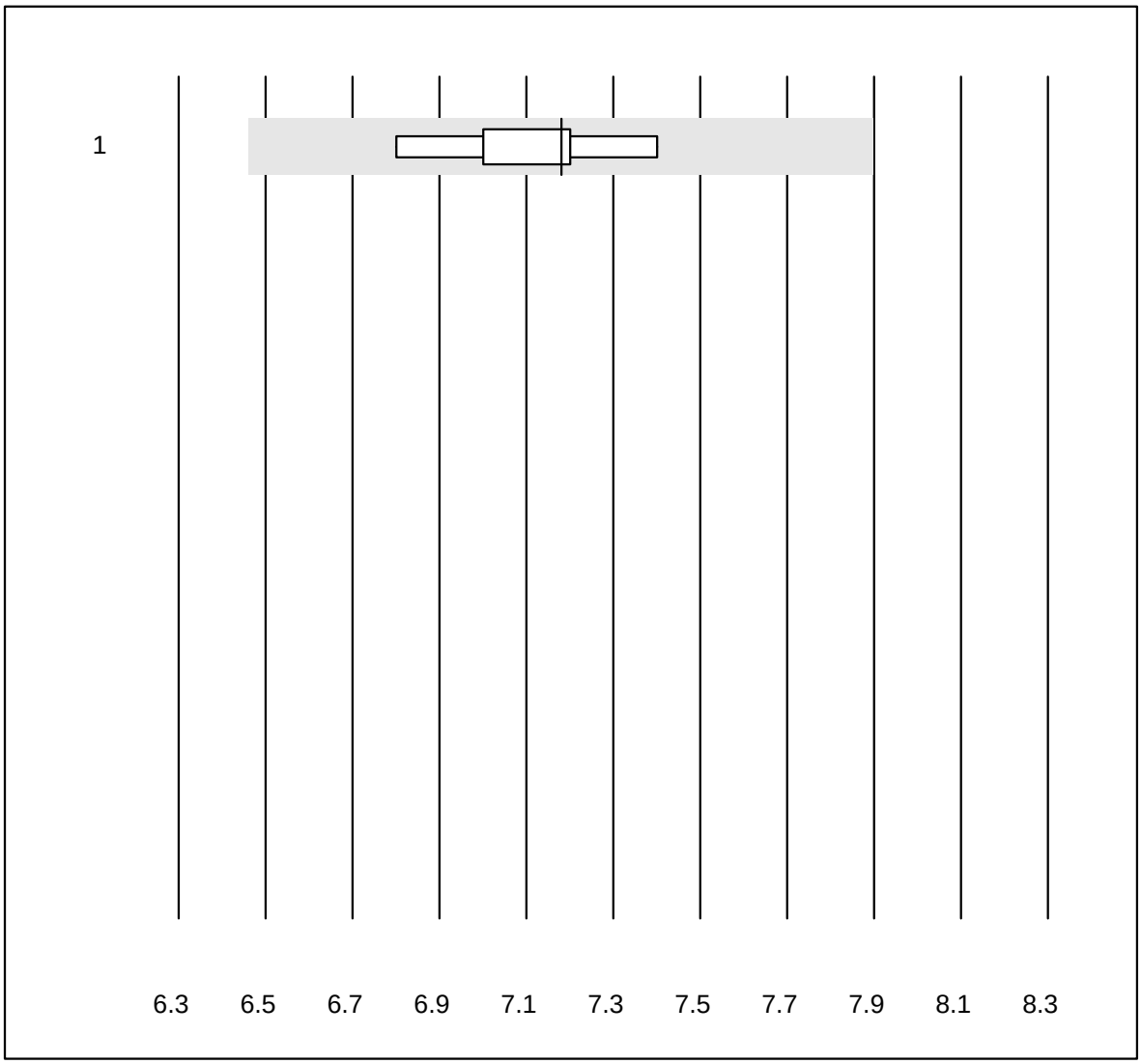


QUALAB tolerance : 6 %

Sodium-K22 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	9	100.0	0.0	0.0	142	1.3	e

Glucose-K22

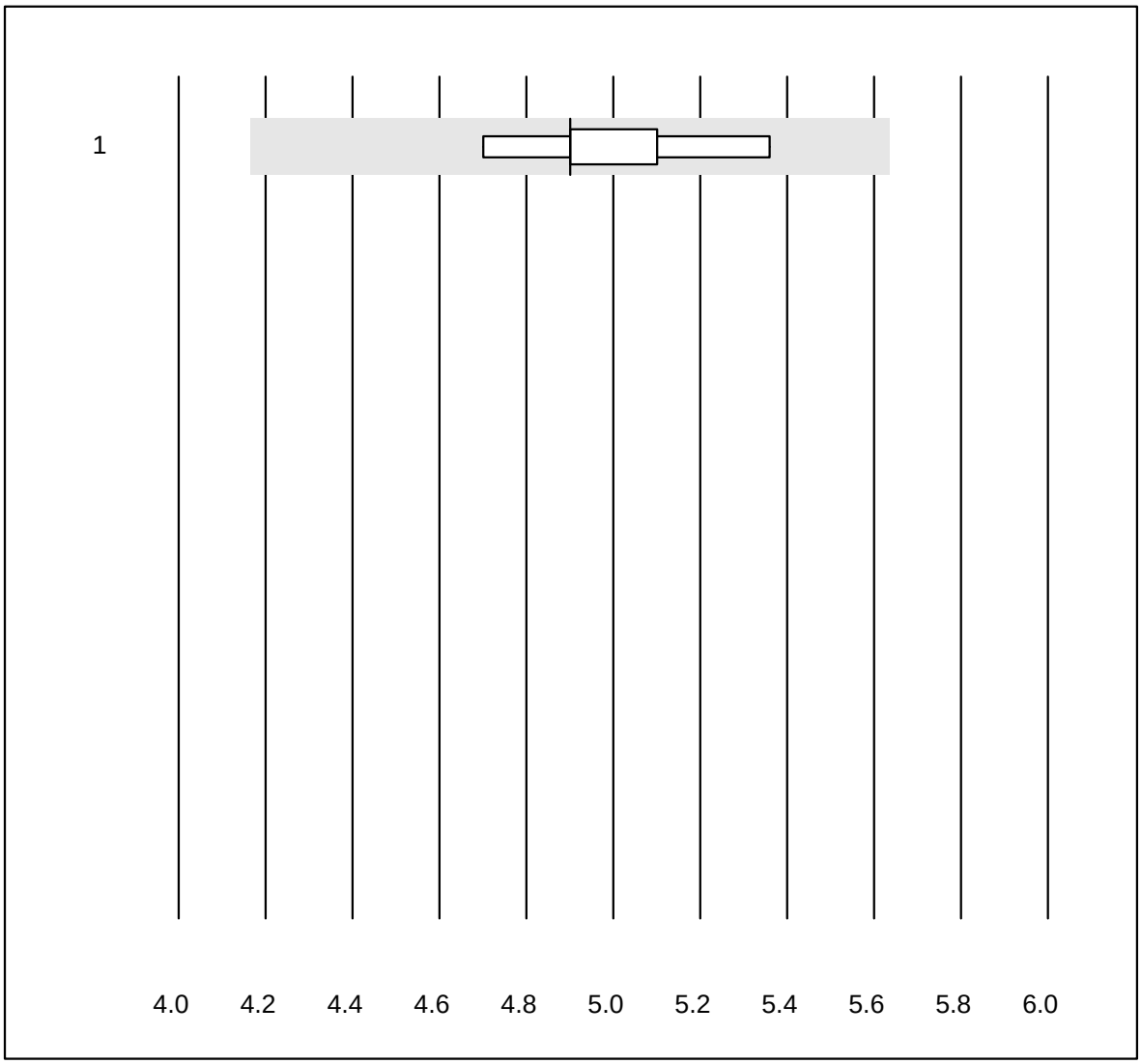


QUALAB tolerance : 10 %

Glucose-K22 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	9	100.0	0.0	0.0	7.2	2.5	e

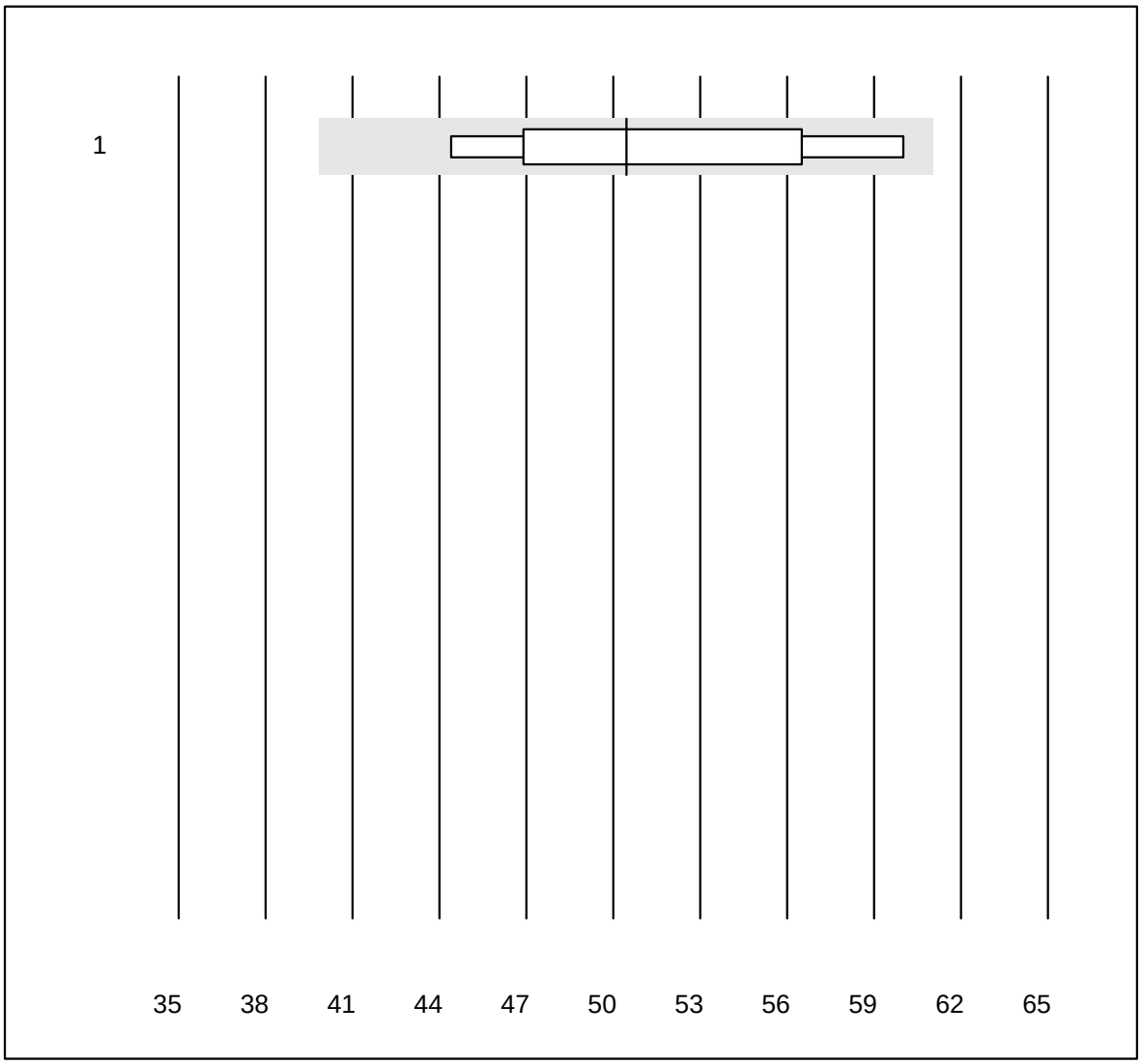
Urea-K22



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	9	100.0	0.0	0.0	4.9	4.6	e

Osmotic Gap

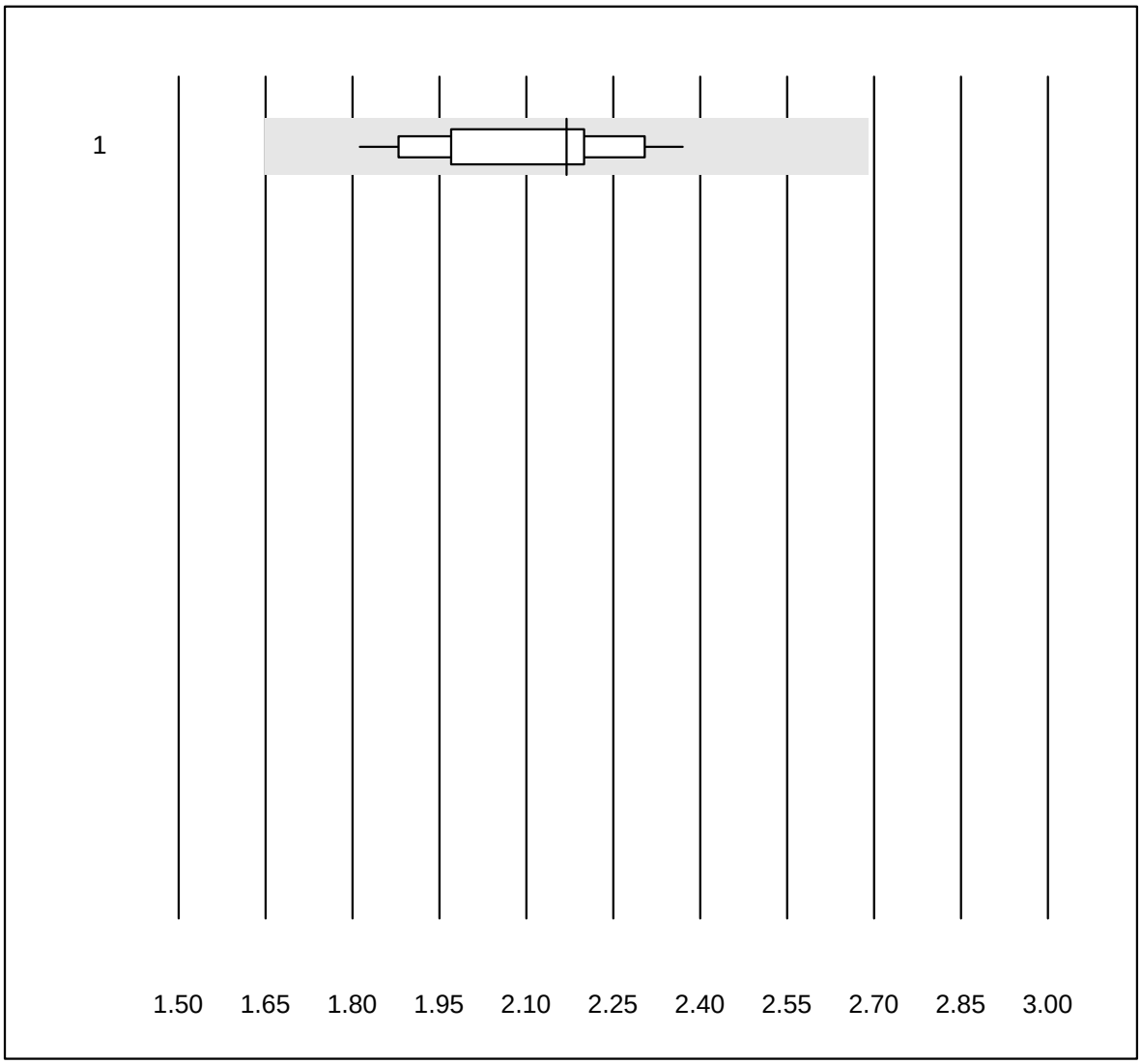


MQ tolerance : 20 %

Osmotic Gap (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Formel 1 (2Na+K+Glu+	7	100.0	0.0	0.0	50.5	10.9	a

Digoxin

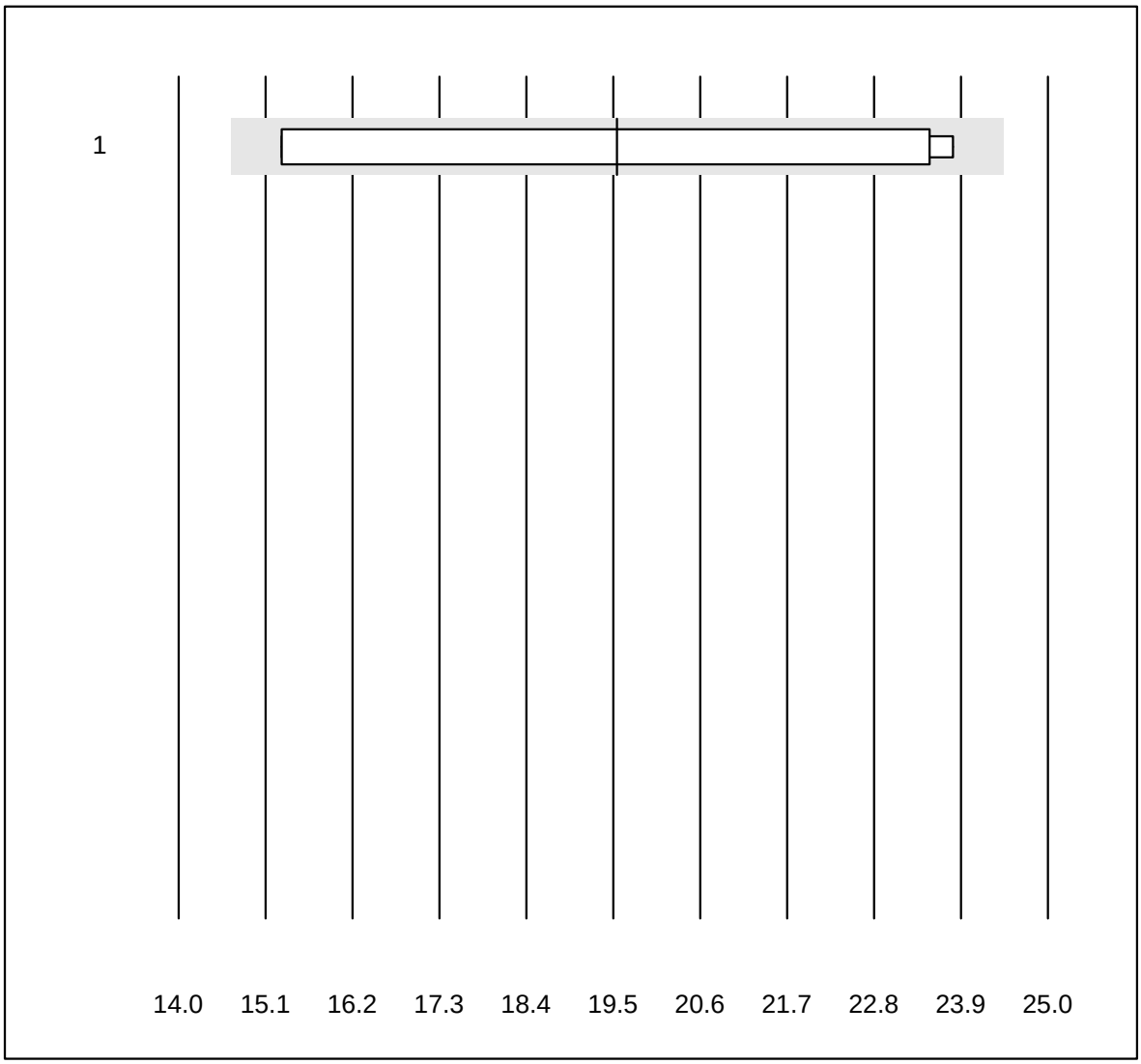


QUALAB tolerance : 24 %

Digoxin (nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	12	100.0	0.0	0.0	2.17	8.1	e

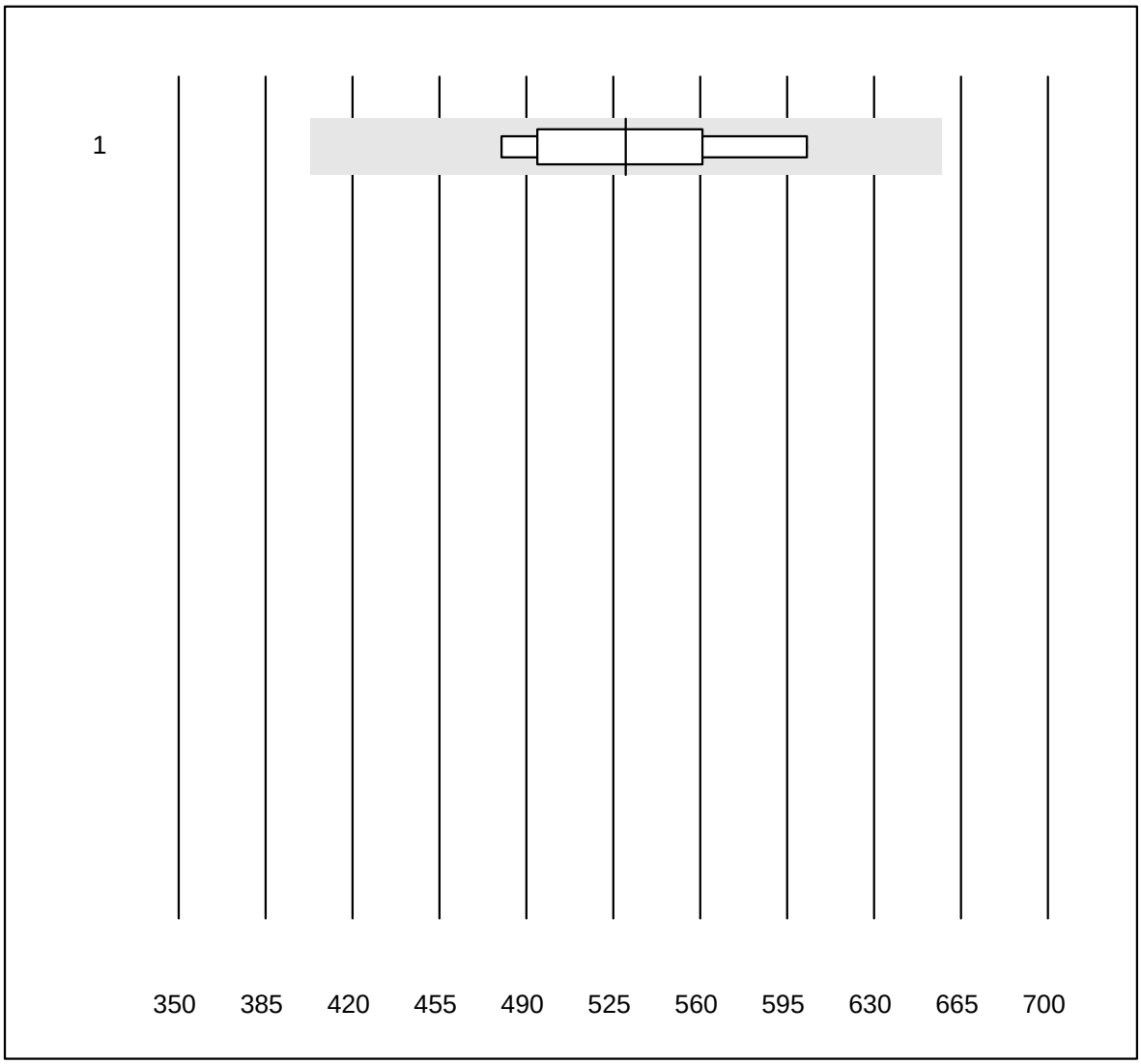
Vancomycin



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	4	100.0	0.0	0.0	20	22.2	a

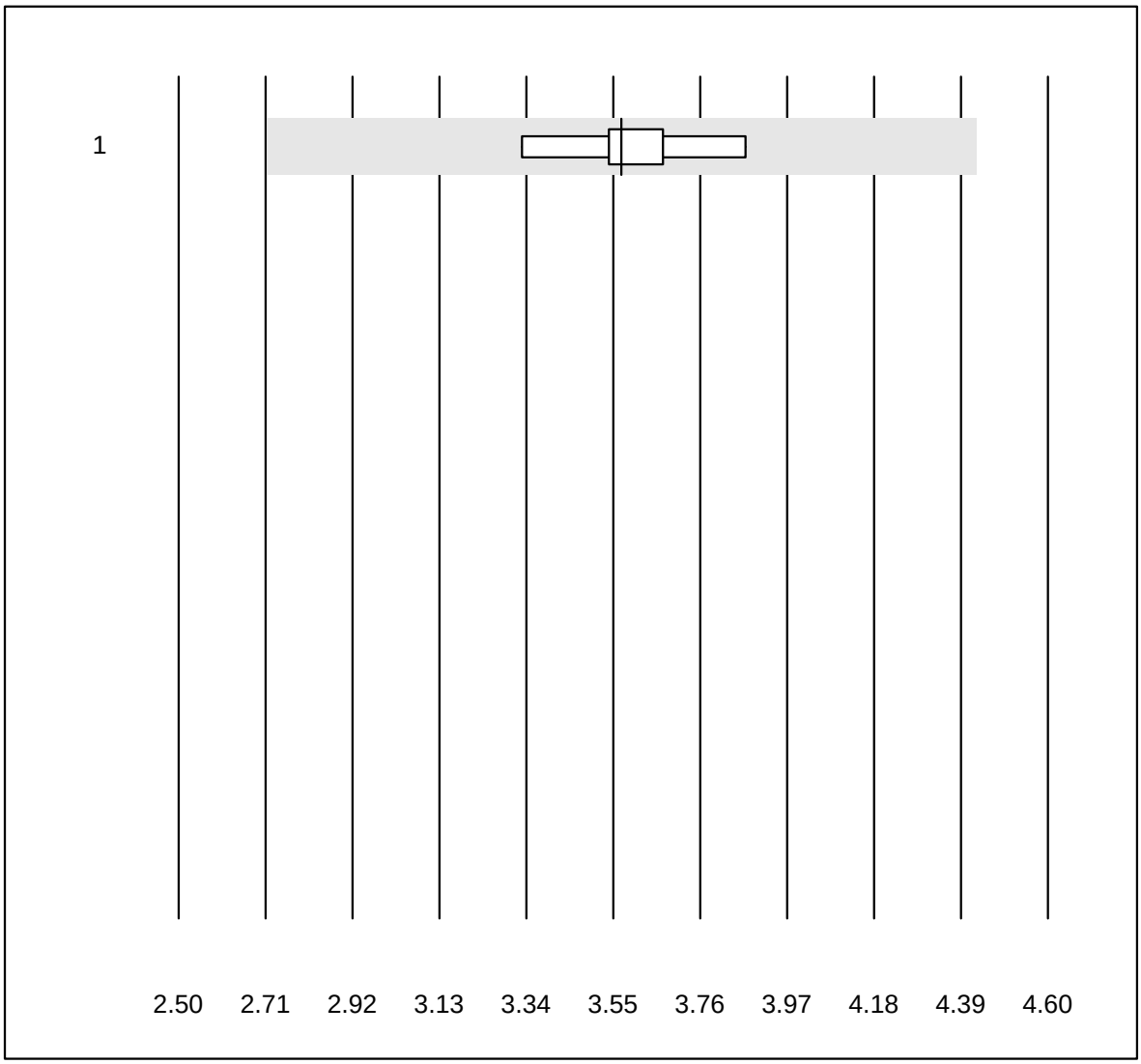
Valproat



MQ tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	100.0	0.0	0.0	530.0	8.7	e*

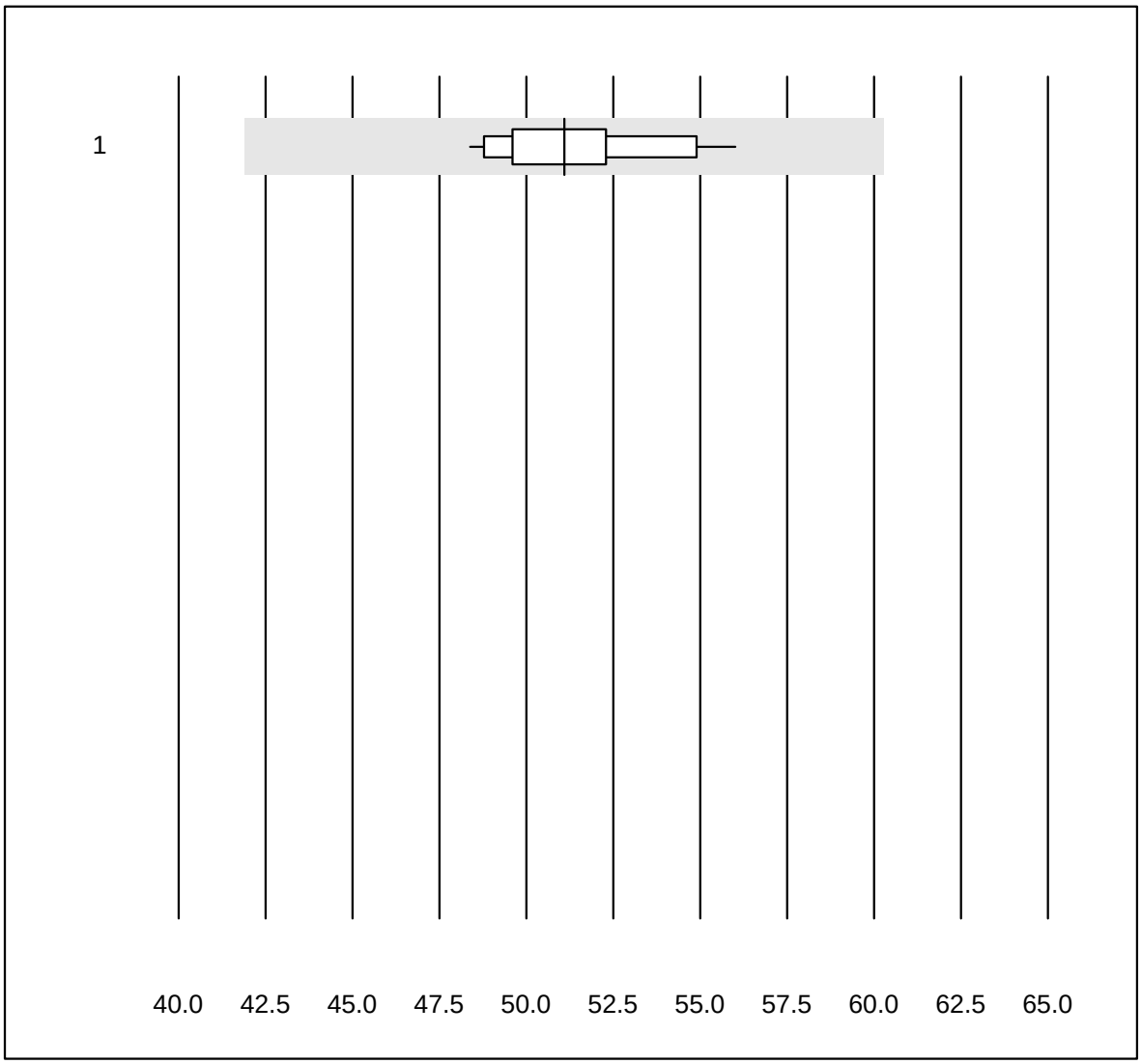
Cystatin C



MQ tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	9	100.0	0.0	0.0	3.6	4.1	e

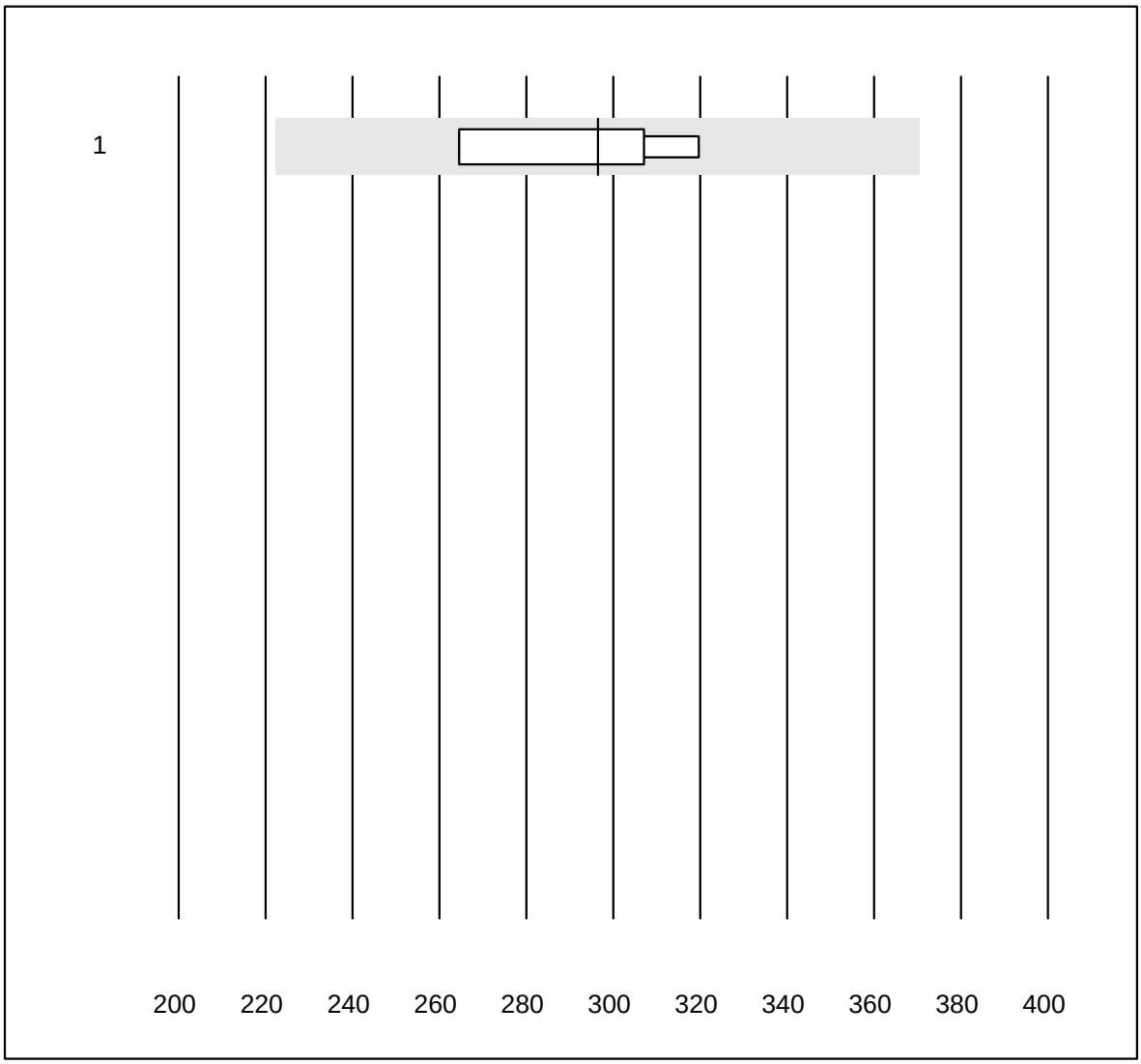
Ethanol



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	20	95.0	0.0	5.0	51.1	4.4	e

Ammonia

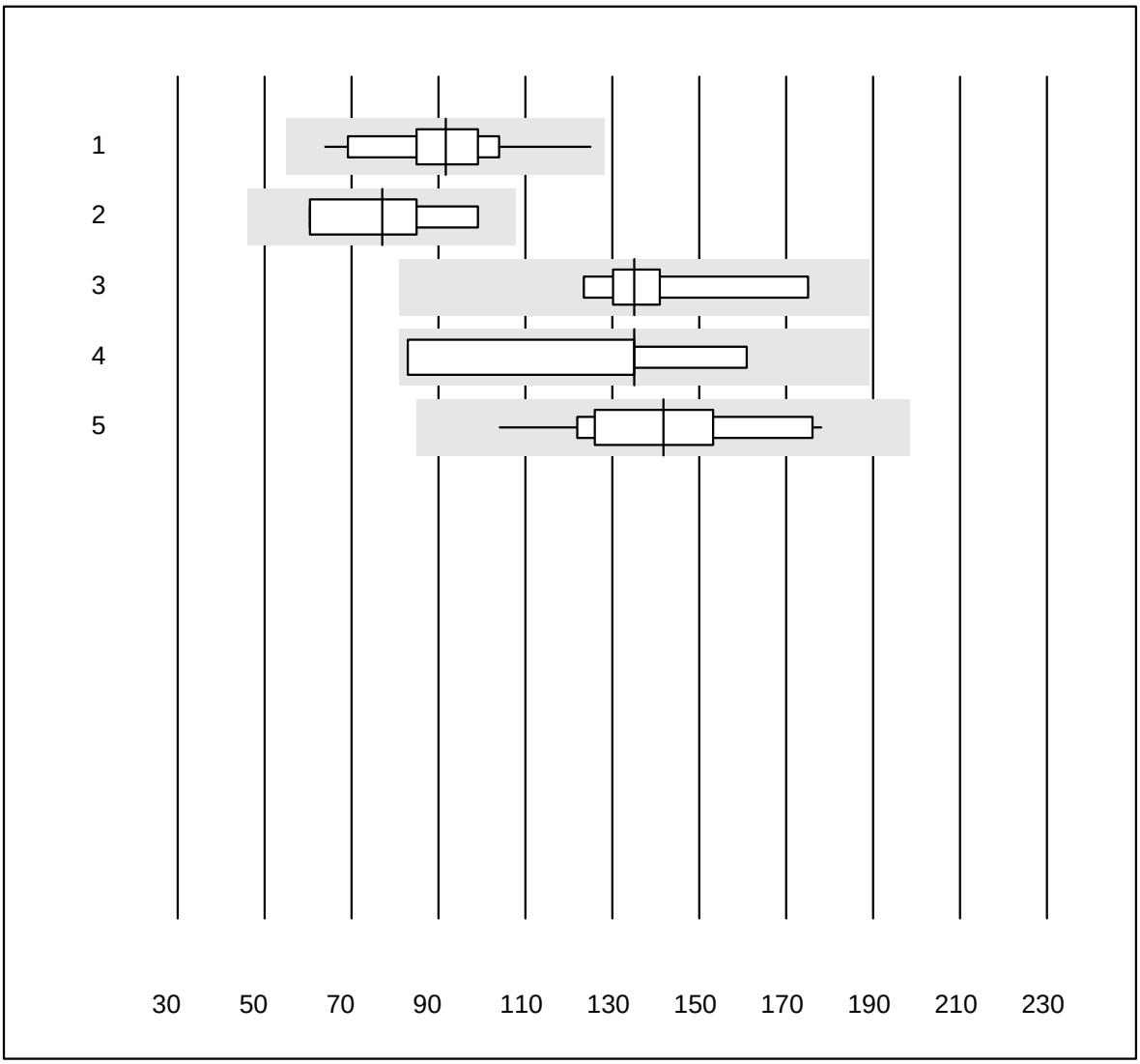


MQ tolerance : 25 %

Ammonia (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	4	100.0	0.0	0.0	296.5	8.2	e*

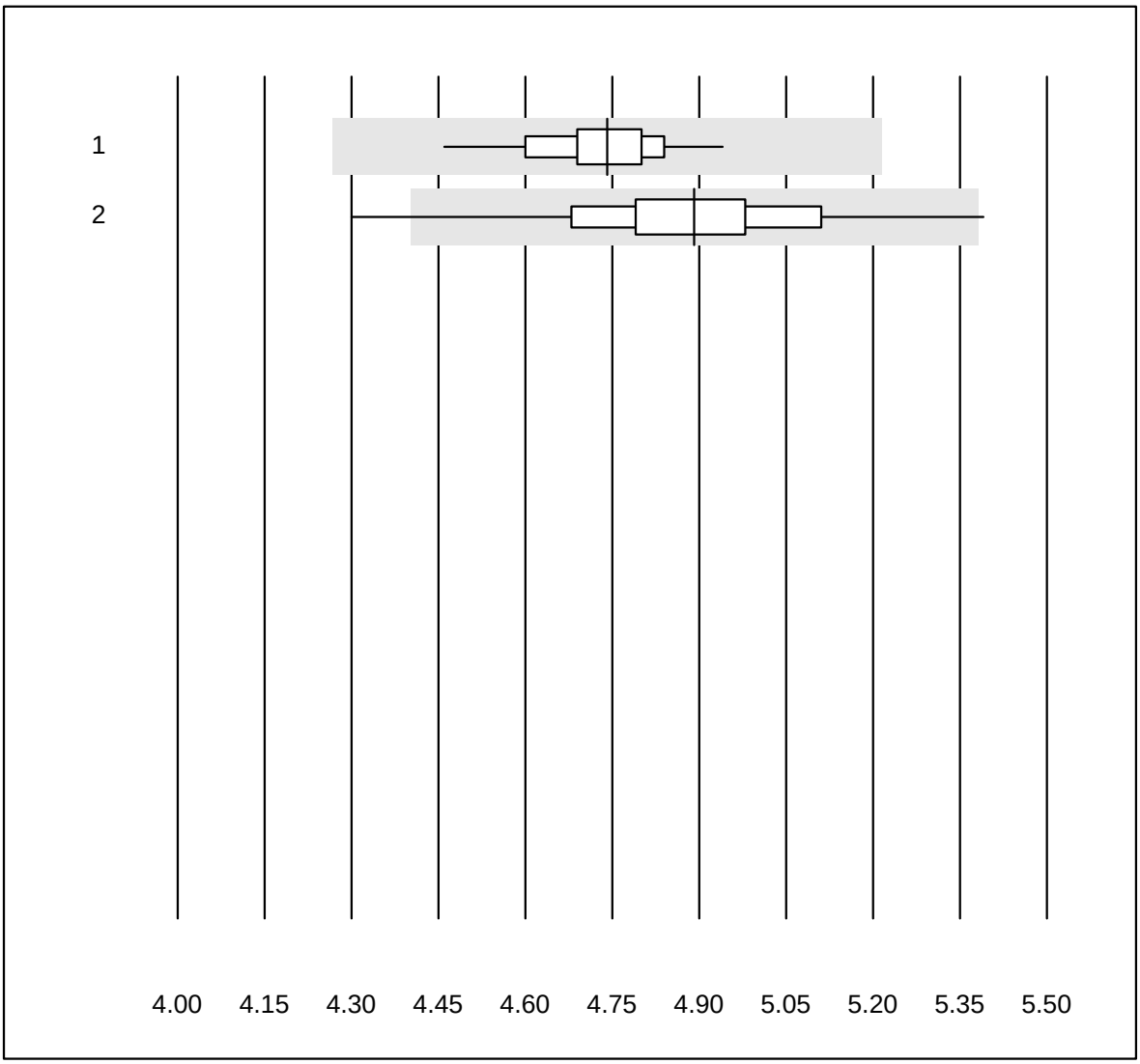
Calprotectin



MQ tolerance : 40 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Liaison	21	95.2	0.0	4.8	92	15.9	e
2	Ridas Screen DS2	4	100.0	0.0	0.0	77	21.8	e*
3	Bühlmann fCALturbo	5	100.0	0.0	0.0	135	14.3	e*
4	Other methods	4	100.0	0.0	0.0	135	29.3	e*
5	Bühlmann	14	92.9	0.0	7.1	142	15.5	e

Cholesterol total Af/b101

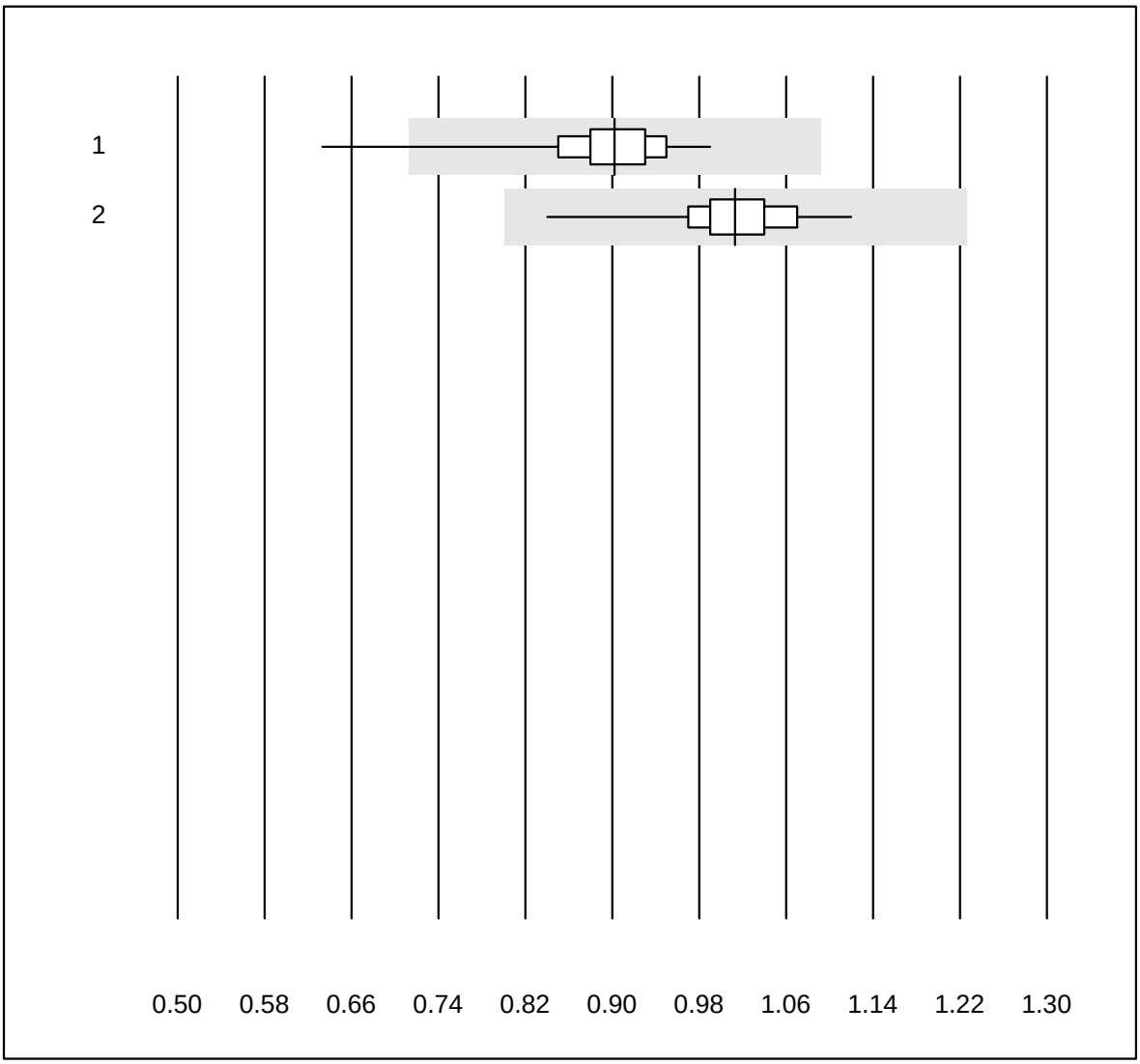


QUALAB tolerance : 10 %

Cholesterol total Af/b101 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	81	100.0	0.0	0.0	4.74	2.1	e
2	Afinion	398	99.2	0.8	0.0	4.89	3.5	e

Cholesterol HDL Af/b101

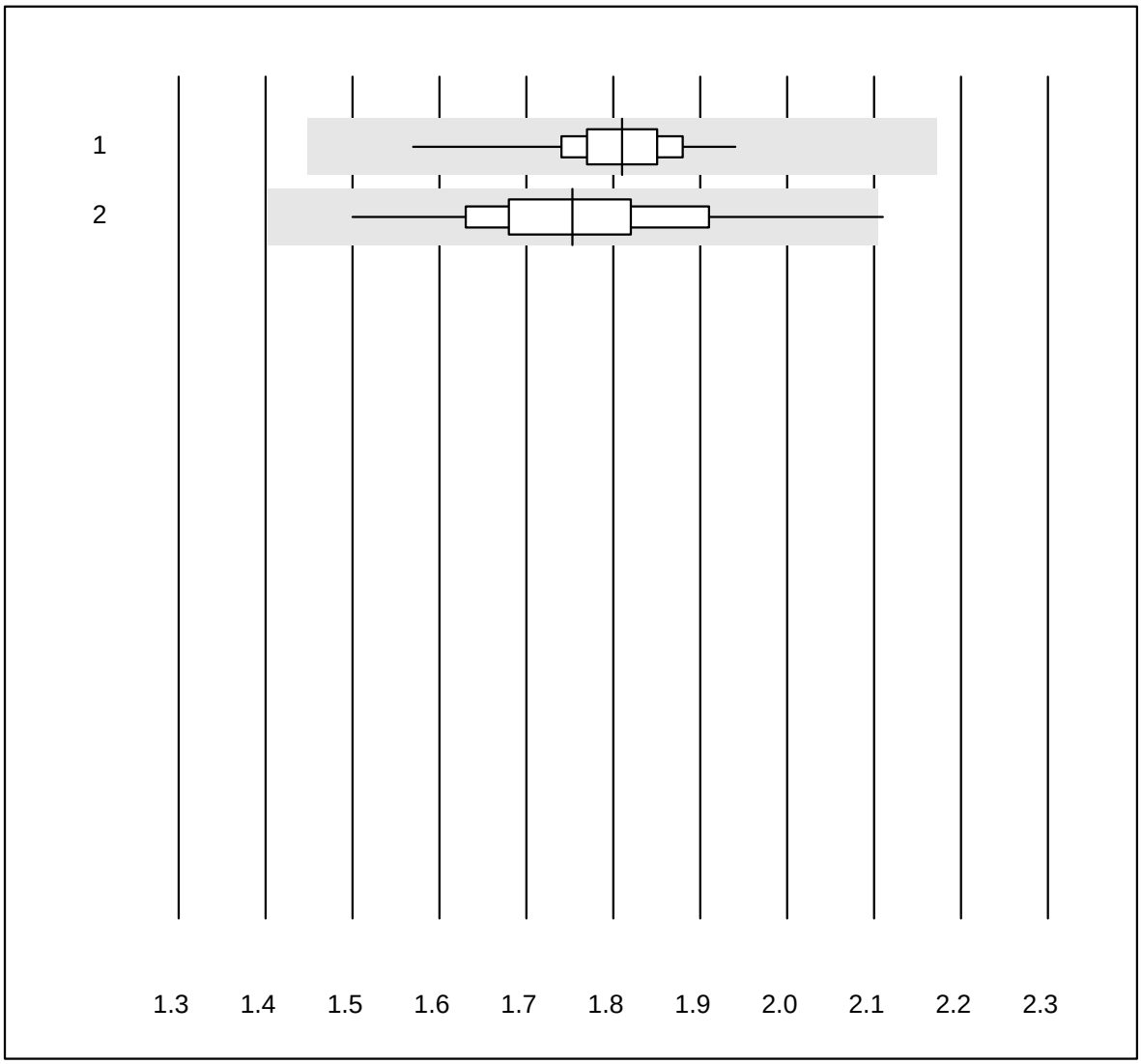


QUALAB tolerance : 21 %

Cholesterol HDL Af/b101 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	81	93.9	1.2	4.9	0.90	5.6	e
2	Afinion	396	91.7	0.0	8.3	1.01	4.2	e

Tryglycerides Af/b101

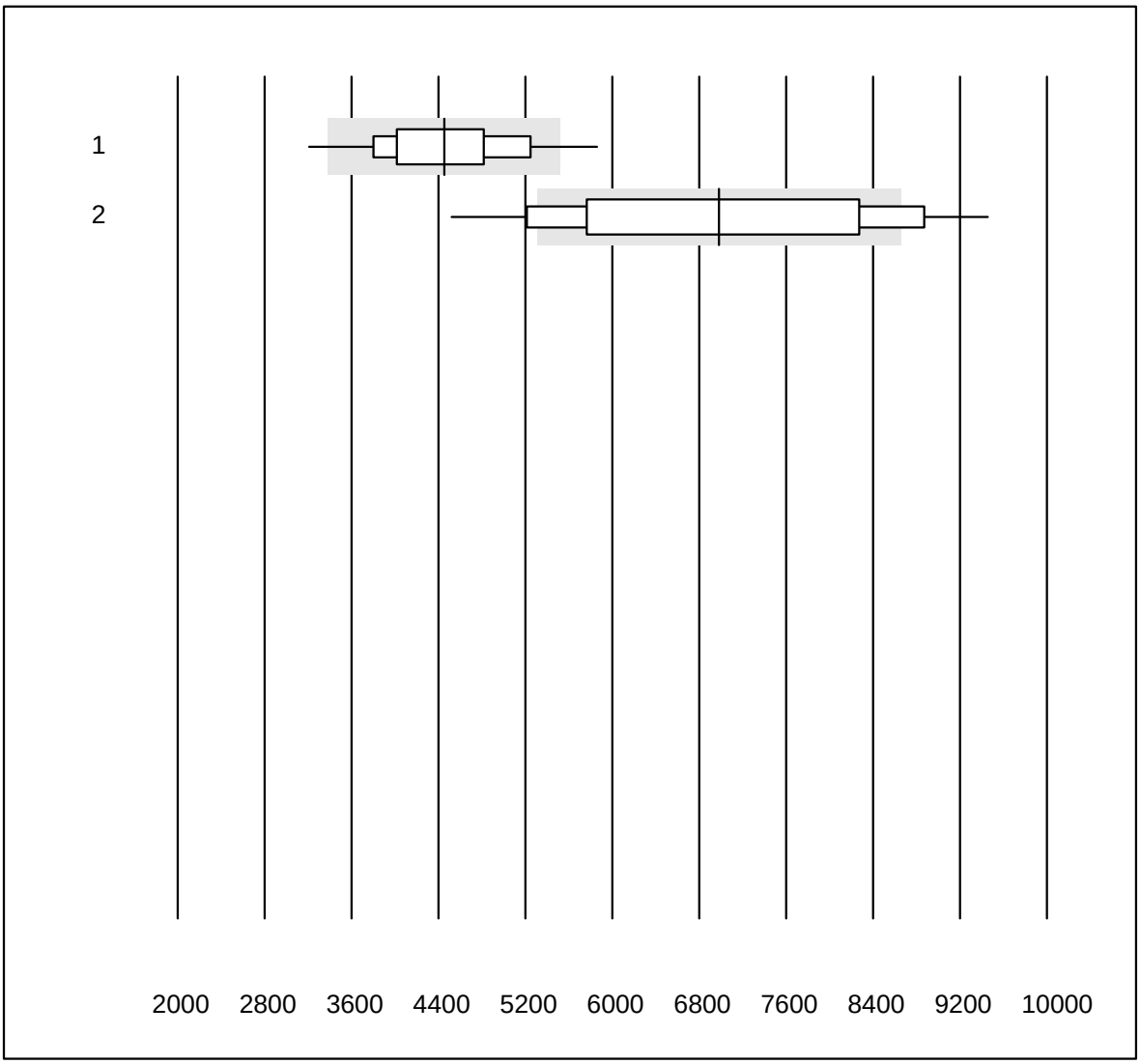


QUALAB tolerance : 20 %

Tryglycerides Af/b101 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	79	97.5	0.0	2.5	1.81	3.3	e
2	Afinion	399	98.9	0.3	0.8	1.75	6.2	e

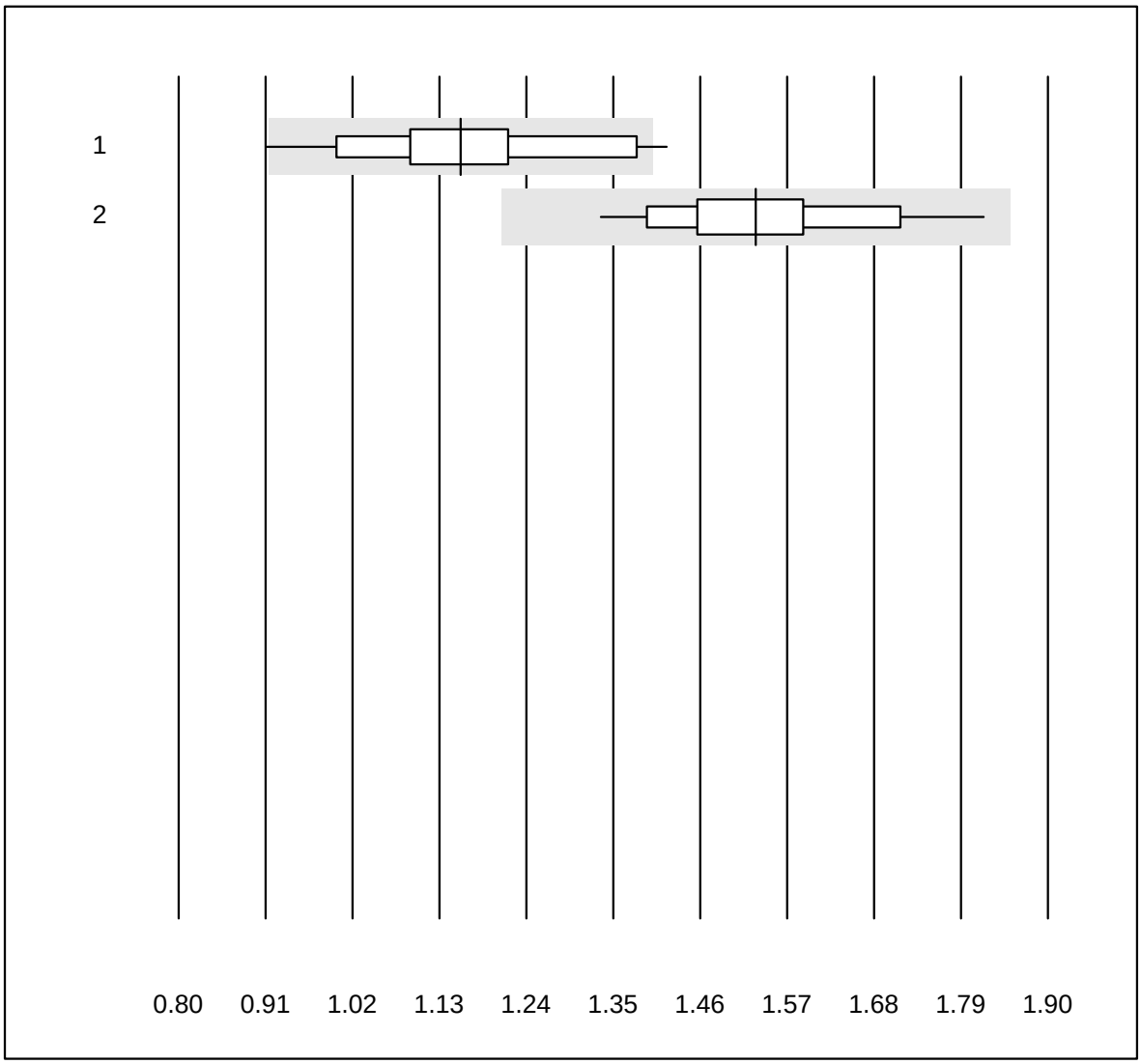
Troponin I S



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	28	92.9	7.1	0.0	4456.43	13.3	e
2	AFIAS	67	59.7	22.4	17.9	6982.00	20.8	e

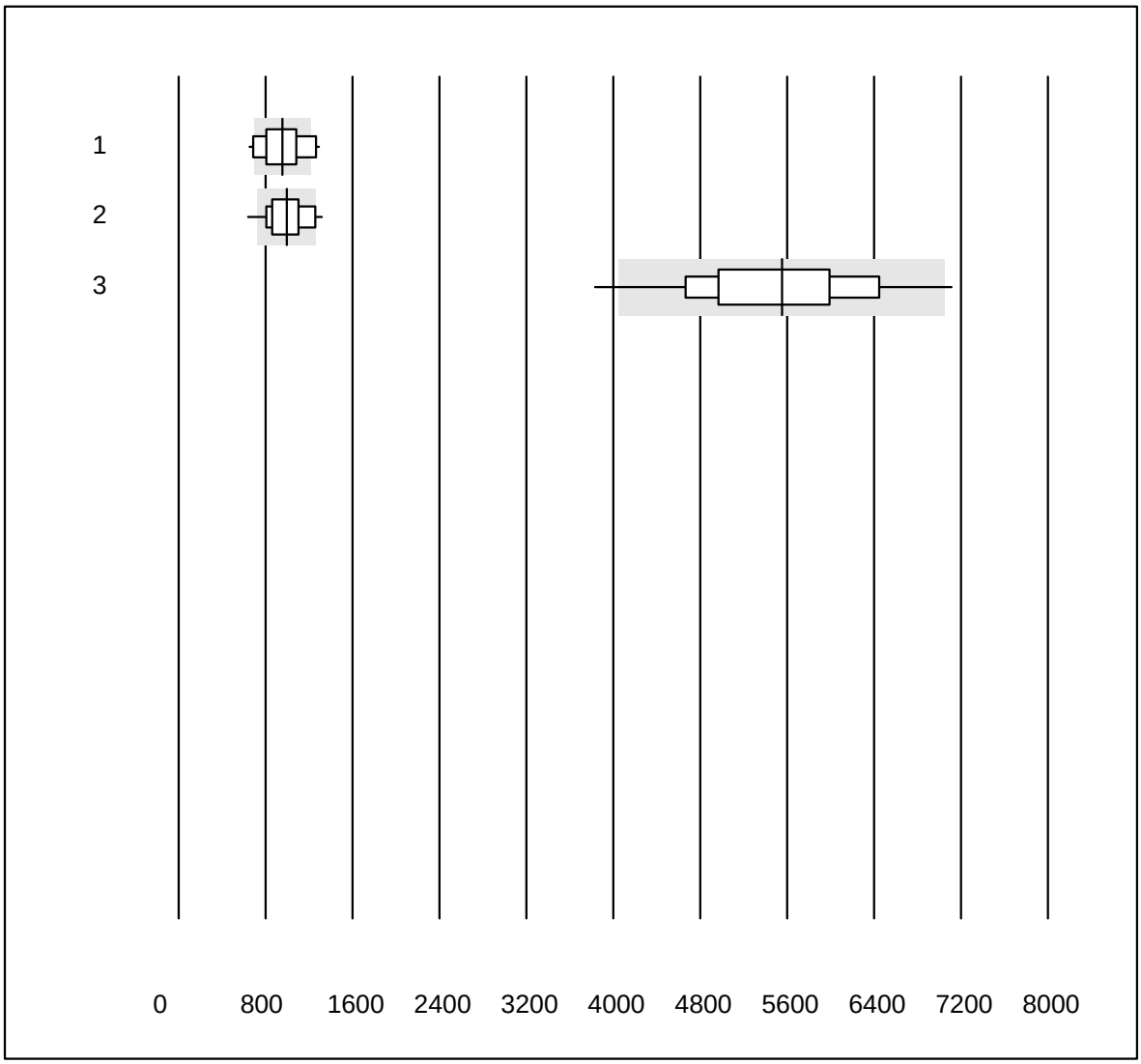
D-dimer qn S



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	36	86.1	8.3	5.6	1.16	11.2	e
2	AFIAS	69	94.2	0.0	5.8	1.53	7.5	e

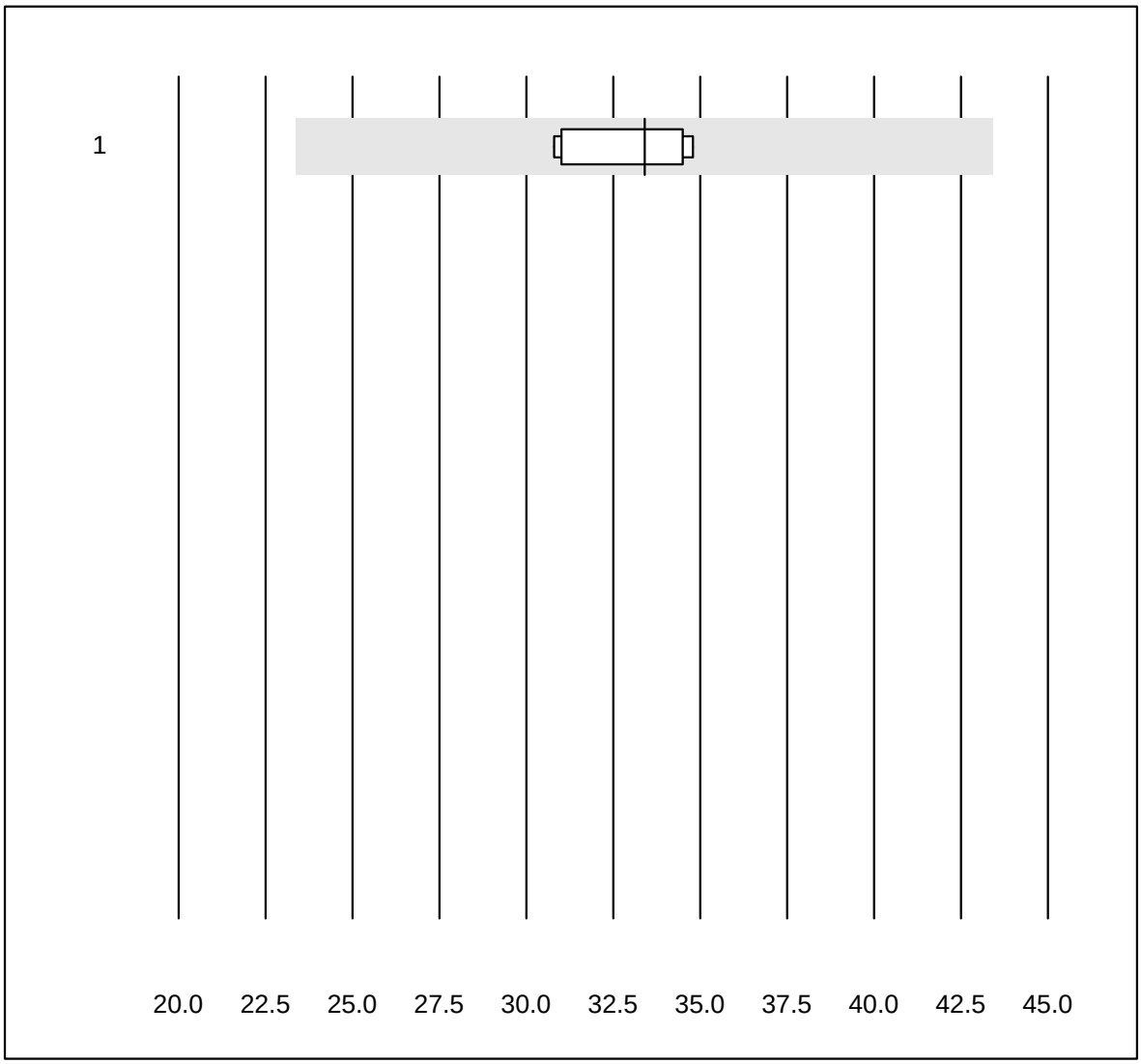
NT-proBNP S



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AFIAS (Gen. 1)	22	54.6	22.7	22.7	956.1	21.3	e*
2	Samsung LABGEO IB10	26	88.5	11.5	0.0	996.0	17.0	e*
3	AFIAS	32	93.7	6.3	0.0	5552.5	13.5	e

Homocystein

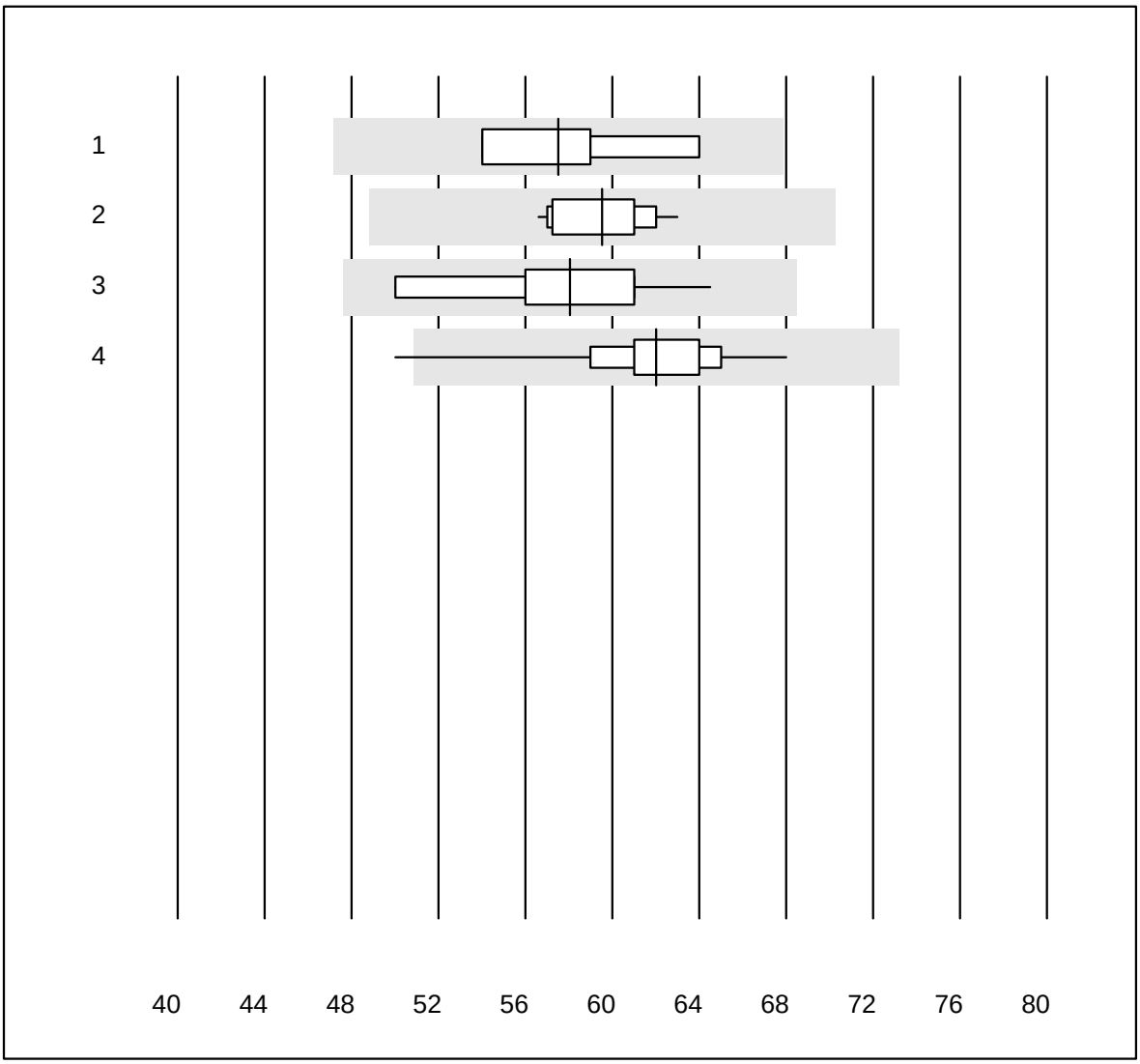


MQ tolerance : 30 %

Homocystein (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	33.4	5.8	e

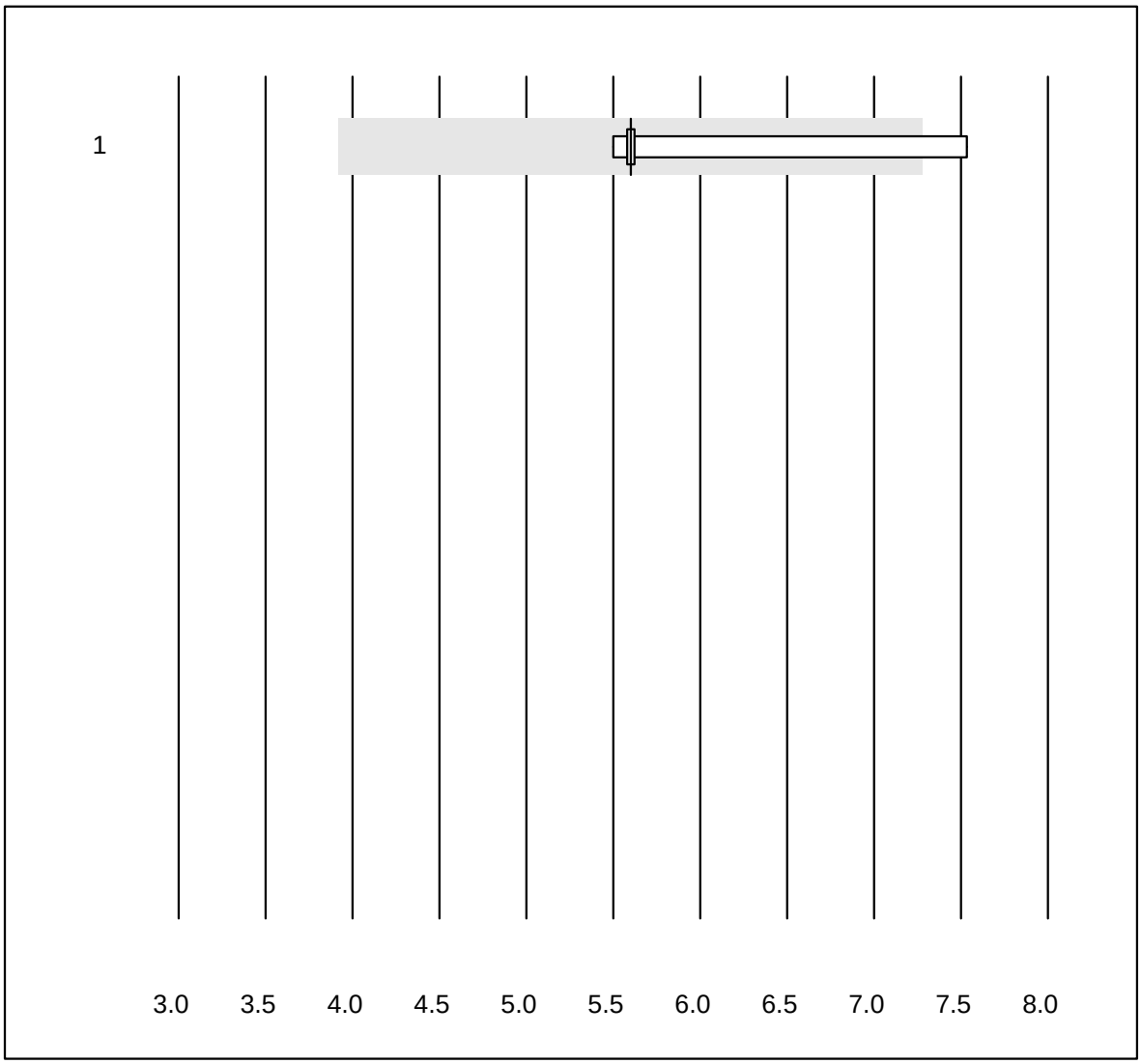
Lipase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	57.5	7.5	e*
2	Beckman	11	100.0	0.0	0.0	59.5	3.6	e
3	Cobas	10	100.0	0.0	0.0	58.0	8.0	e*
4	Fuji Dri-Chem	118	96.7	0.8	2.5	62.0	4.8	e

Cholinesterase

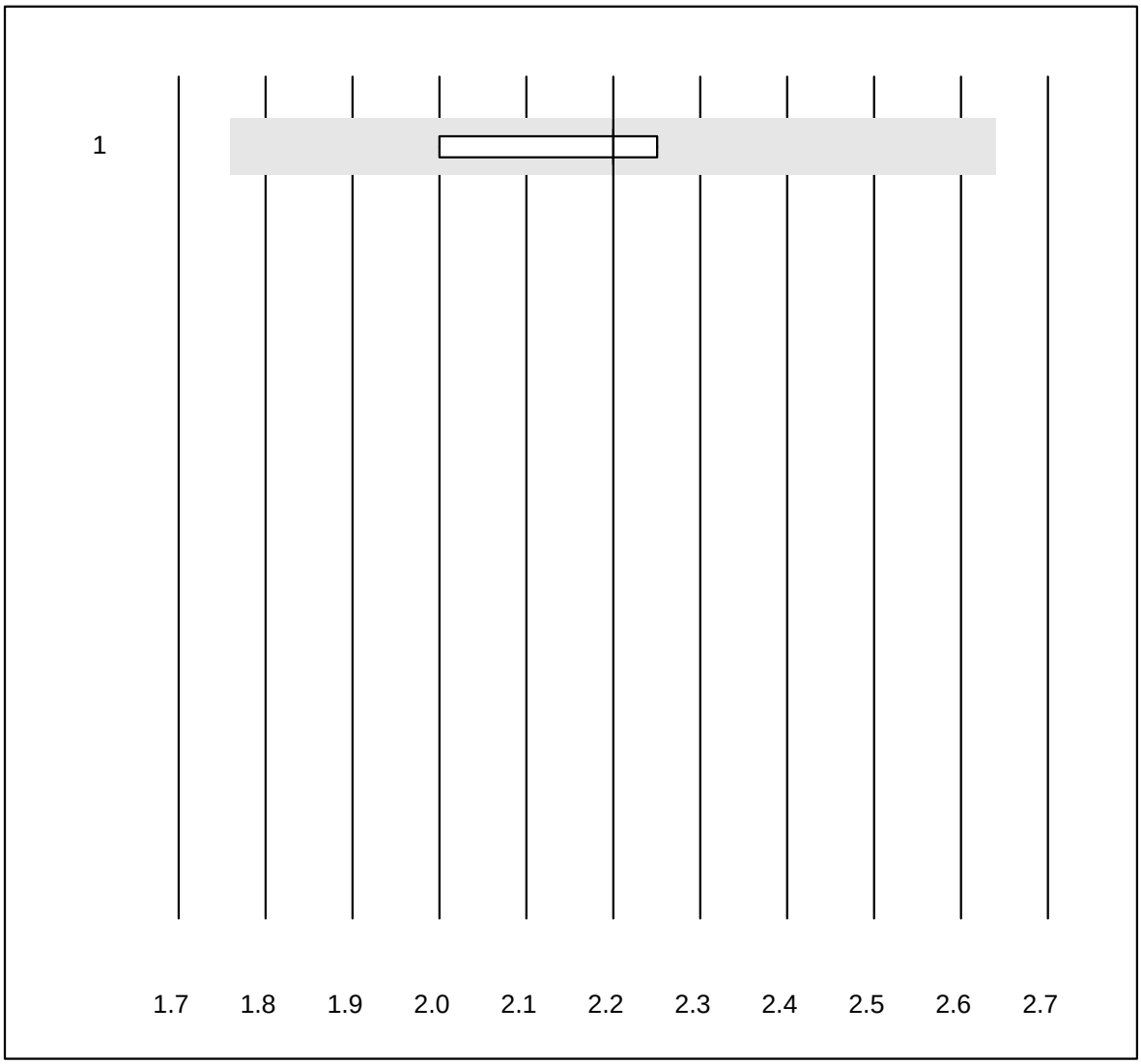


MQ tolerance : 30 %

Cholinesterase (kU/L)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	80.0	20.0	0.0	5.6	14.7	e*

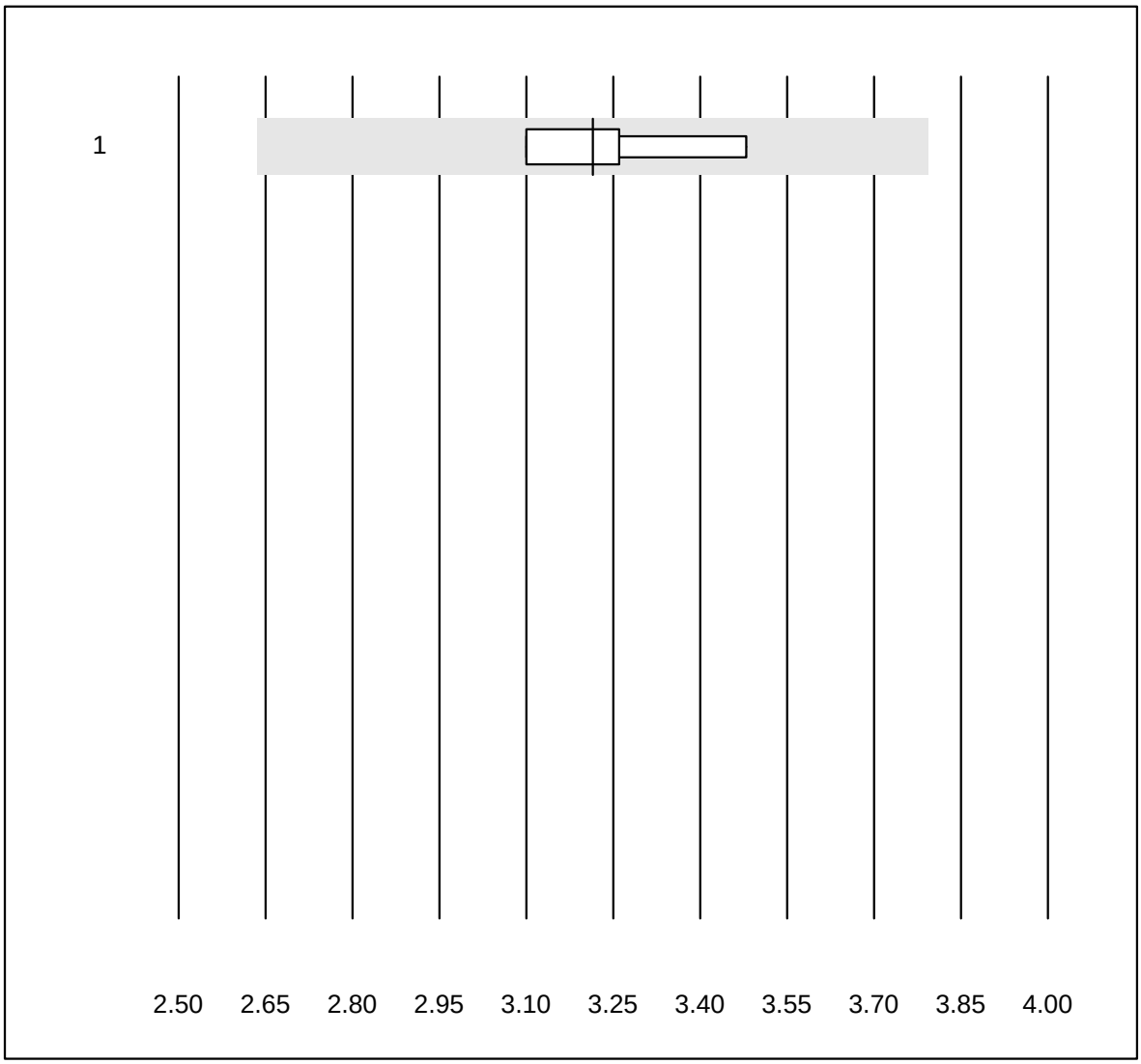
Glucose CSF



MQ tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	5	100.0	0.0	0.0	2.20	4.5	e

Lactate CSF

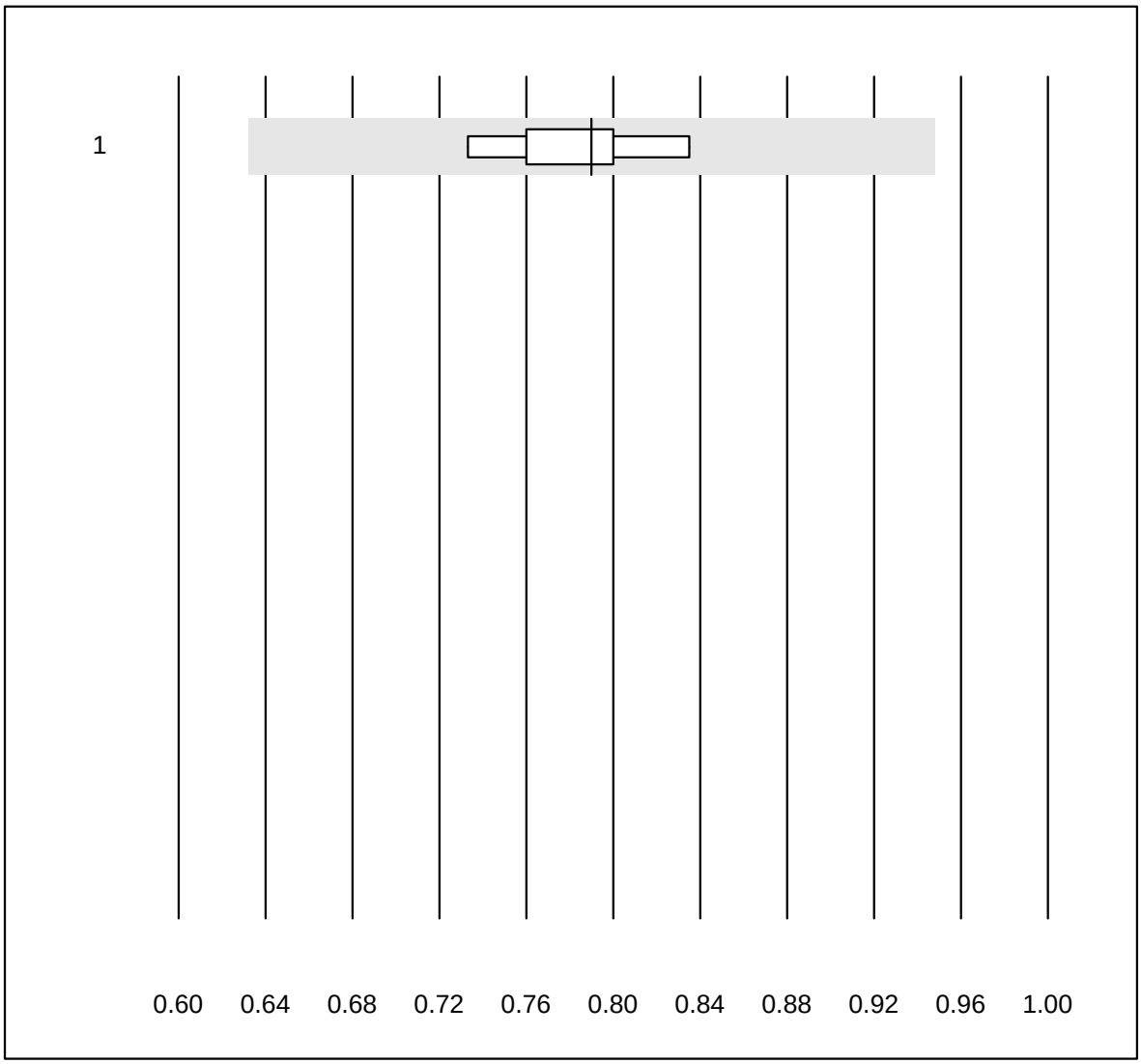


MQ tolerance : 18 %

Lactate CSF (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	4	100.0	0.0	0.0	3.22	5.1	e*

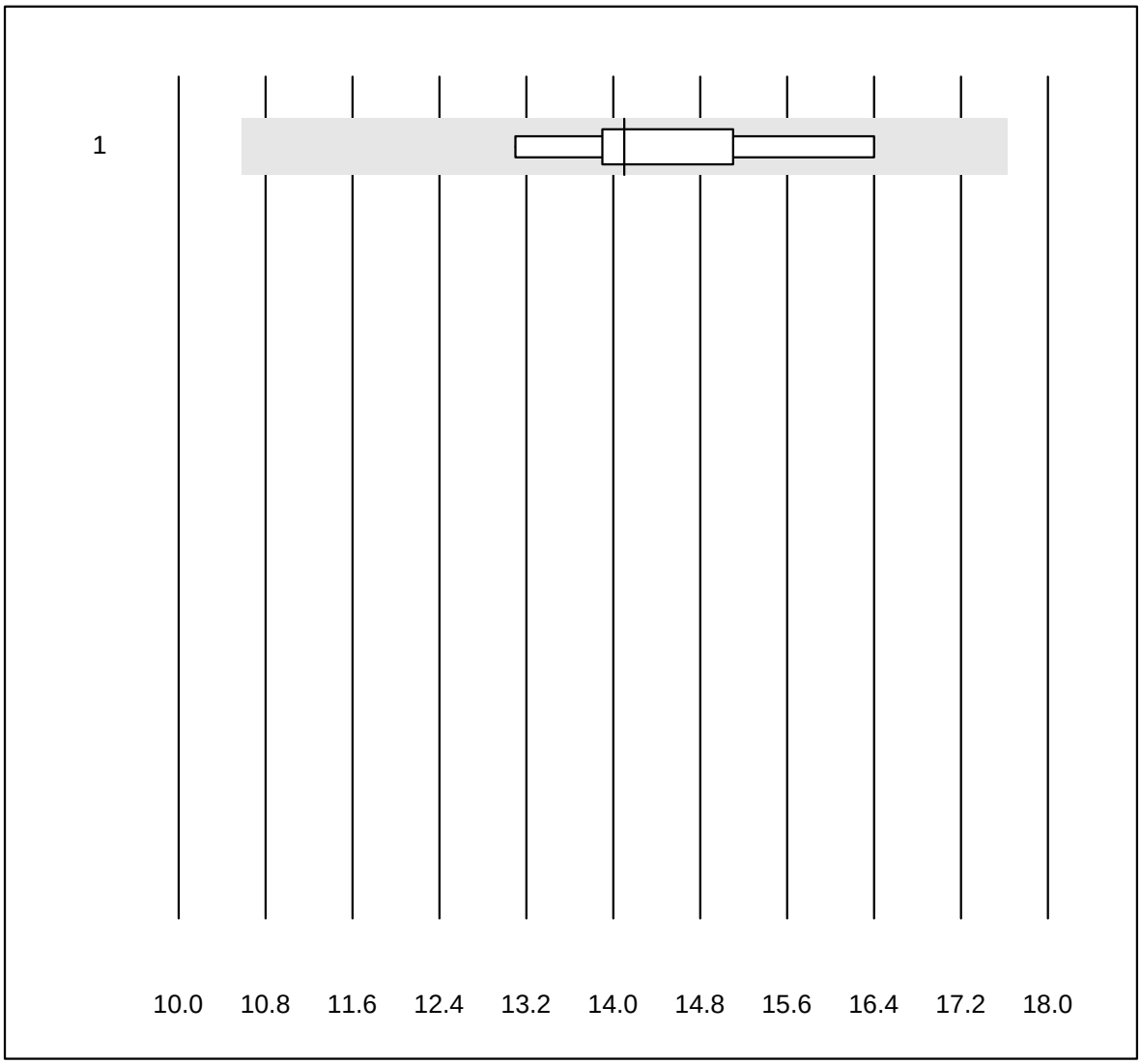
Protein CSF



MQ tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	5	100.0	0.0	0.0	0.79	5.0	e

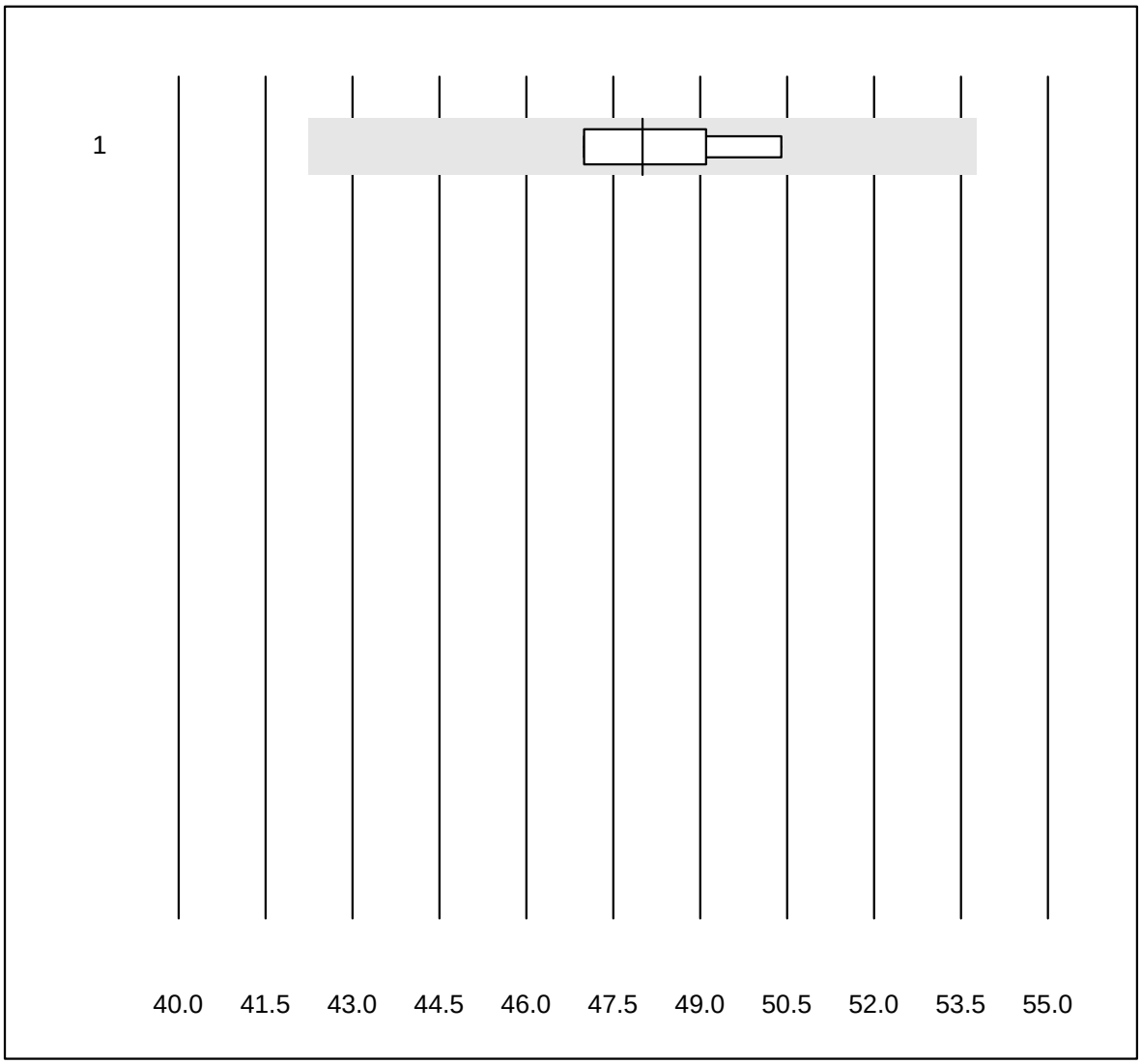
Tacrolimus



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	14.1	8.7	e*

Totalprotein E

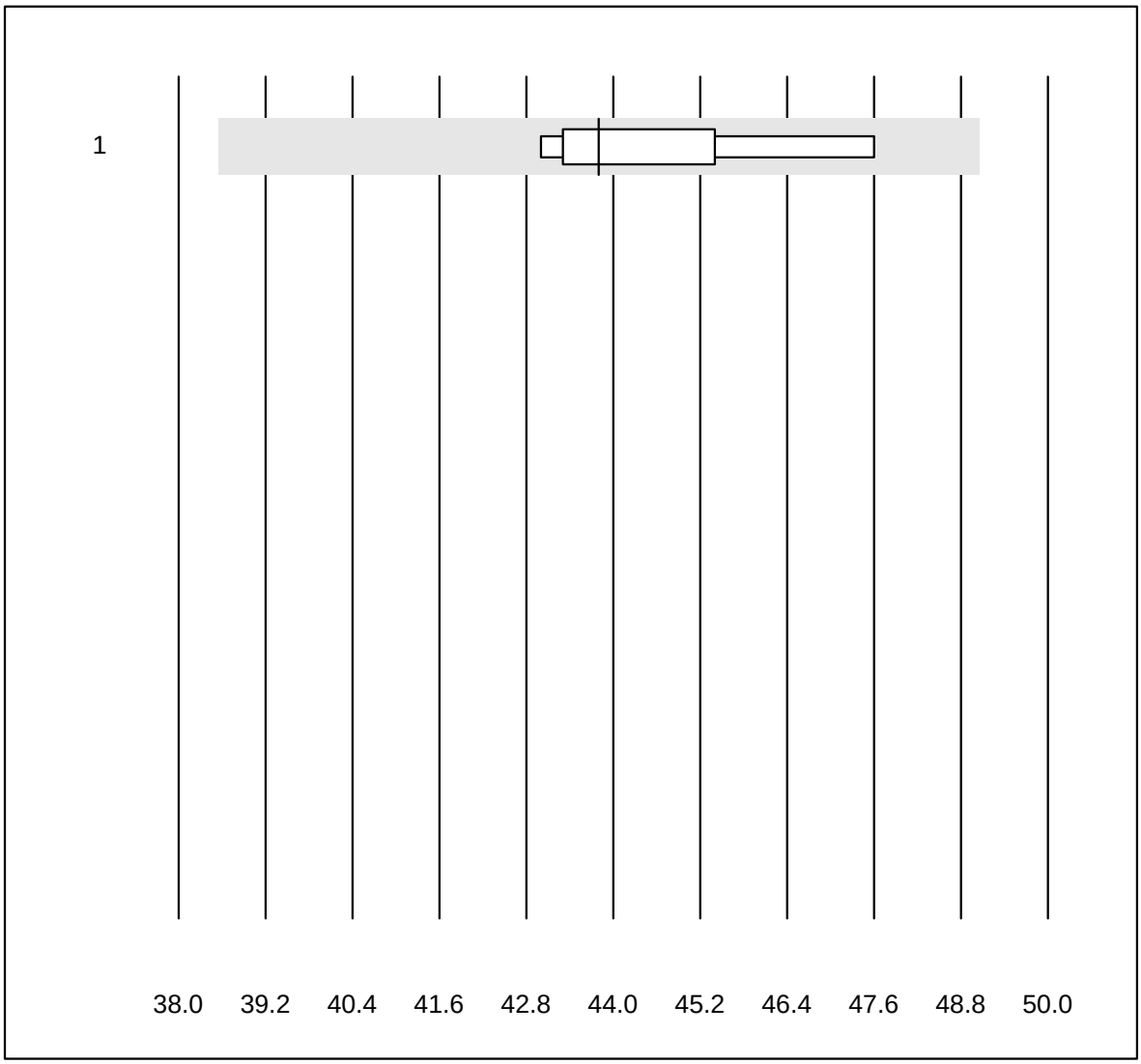


MQ tolerance : 12 %

Totalprotein E (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	48.0	3.0	e

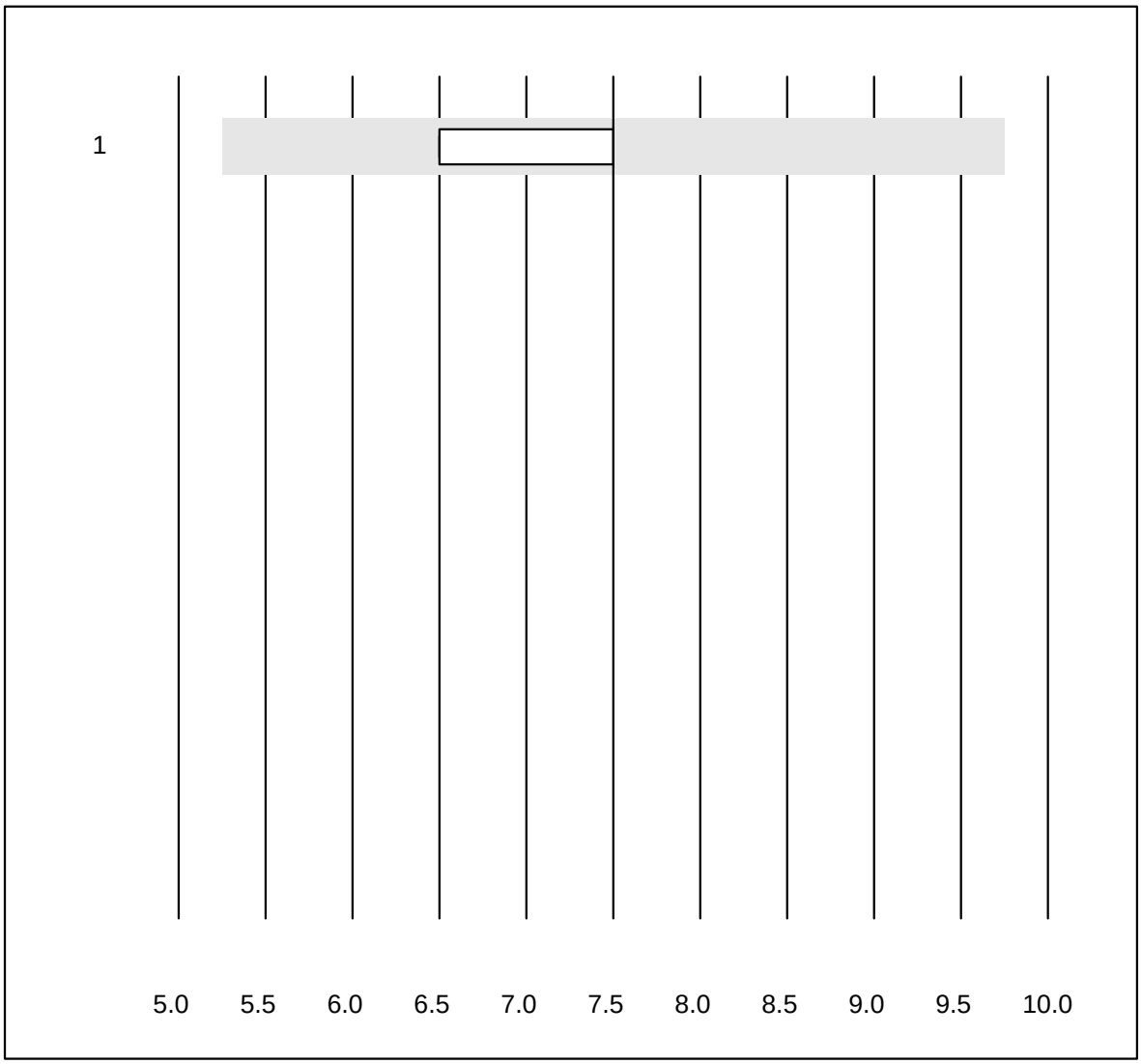
Albumin E



MQ tolerance : 12 %

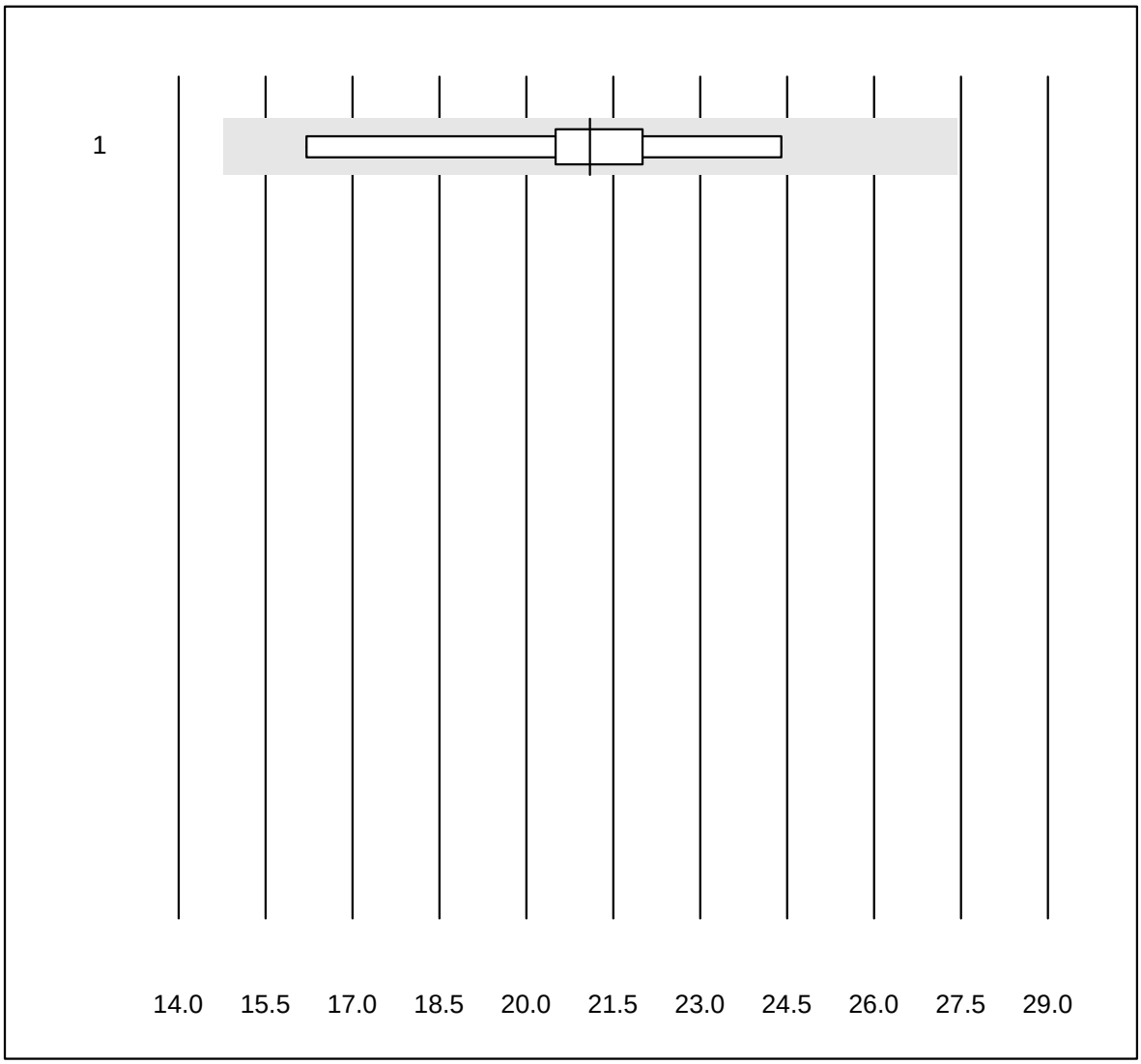
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	7	100.0	0.0	0.0	43.8	3.7	e

alpha-1-Globuline



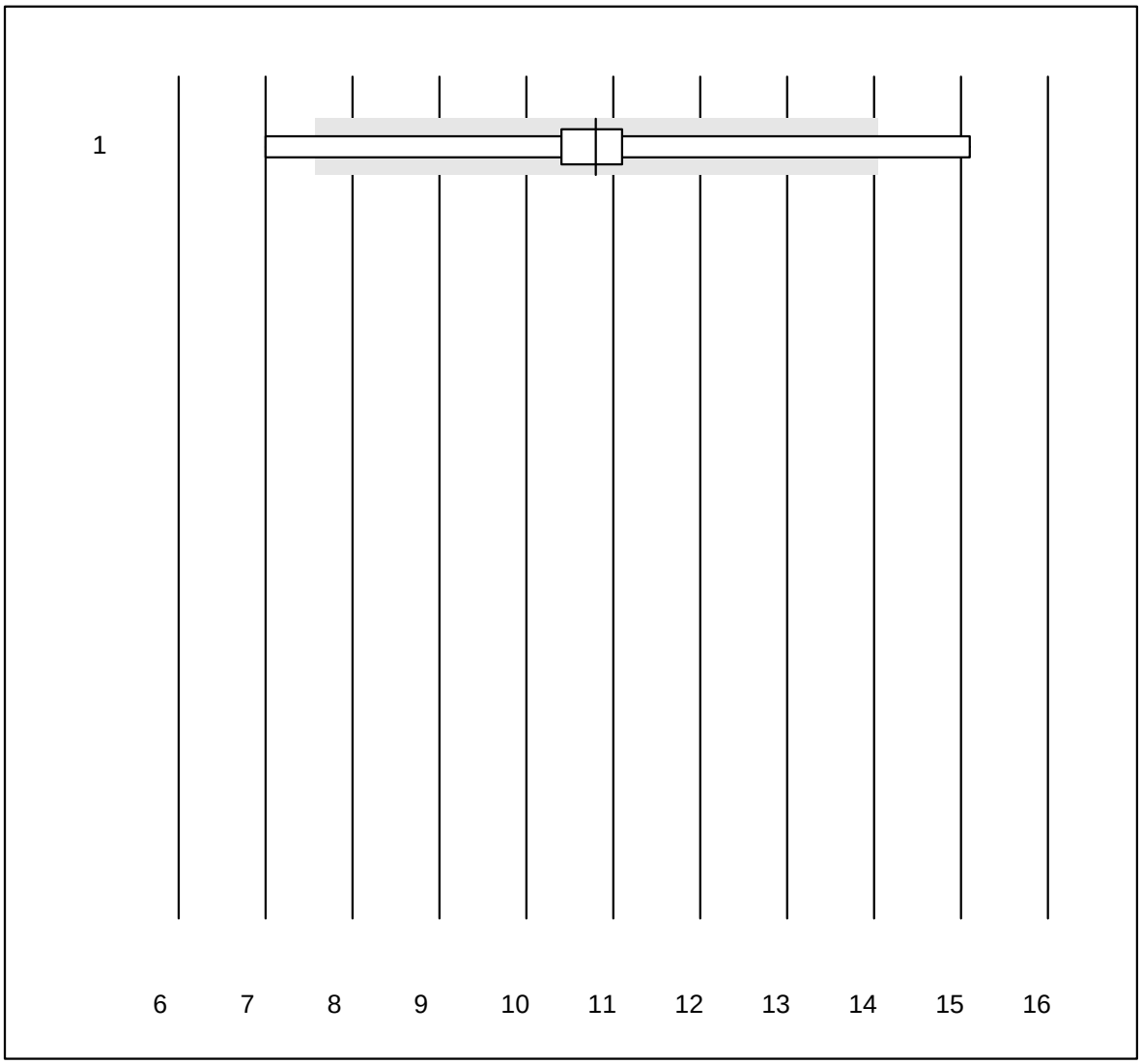
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	5	60.0	0.0	40.0	7.5	7.1	e

alpha-2-Globuline



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	8	100.0	0.0	0.0	21.1	11.2	e*

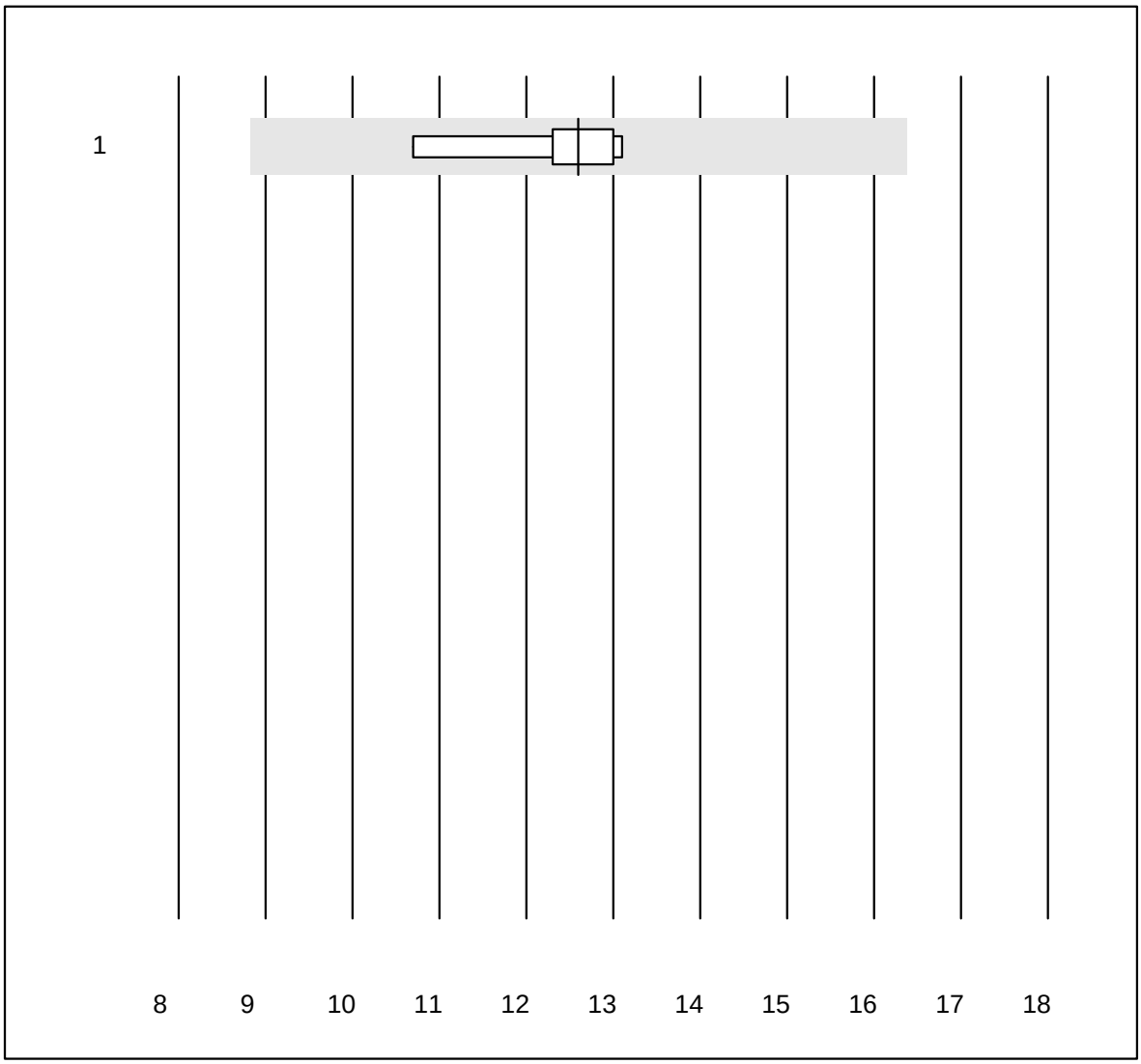
beta-Globuline



MQ tolerance : 30 %

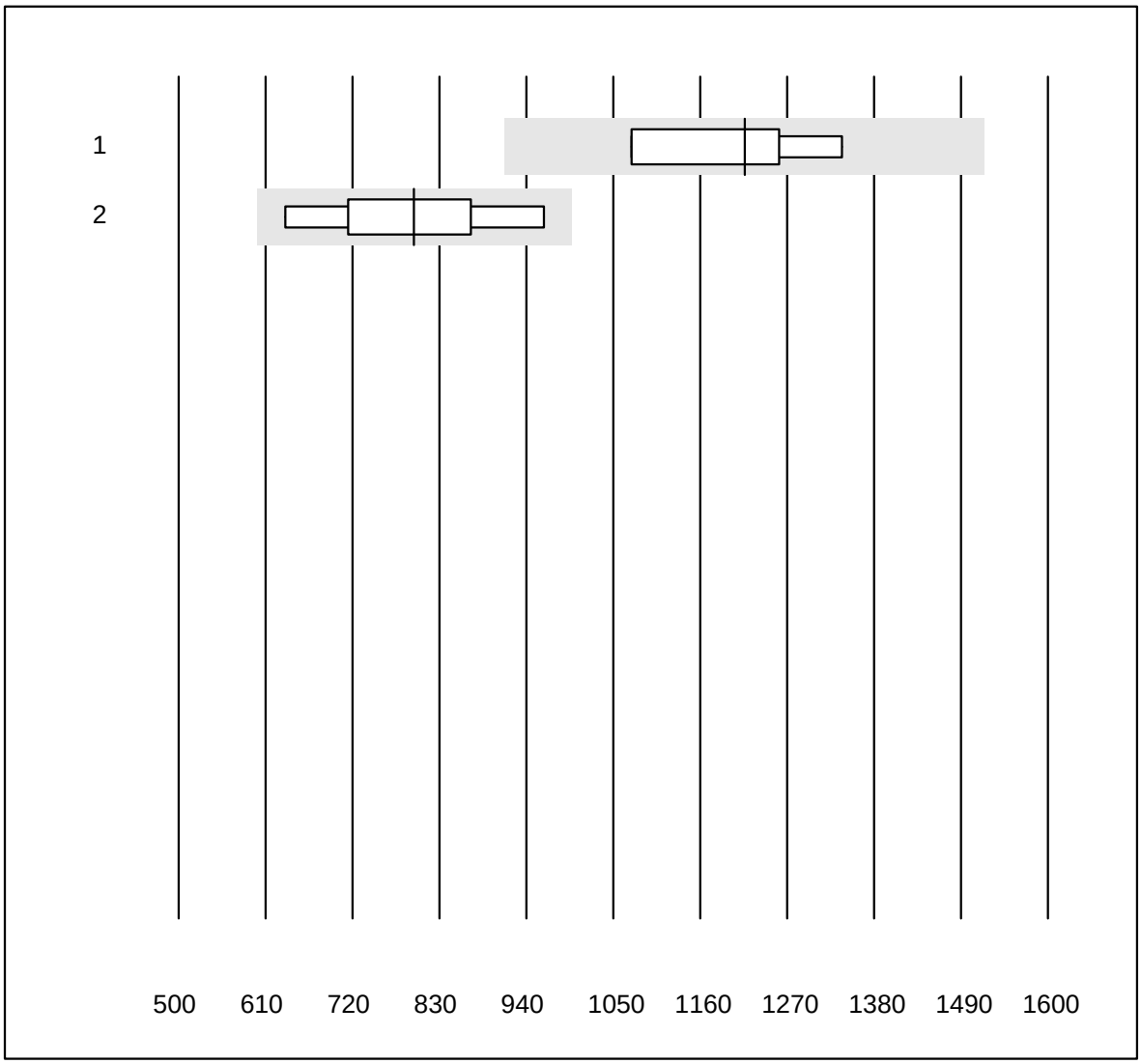
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	7	71.4	28.6	0.0	10.8	21.7	e*

gamma-Globuline



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	7	100.0	0.0	0.0	12.6	6.6	e

Folate in Erythrocytes

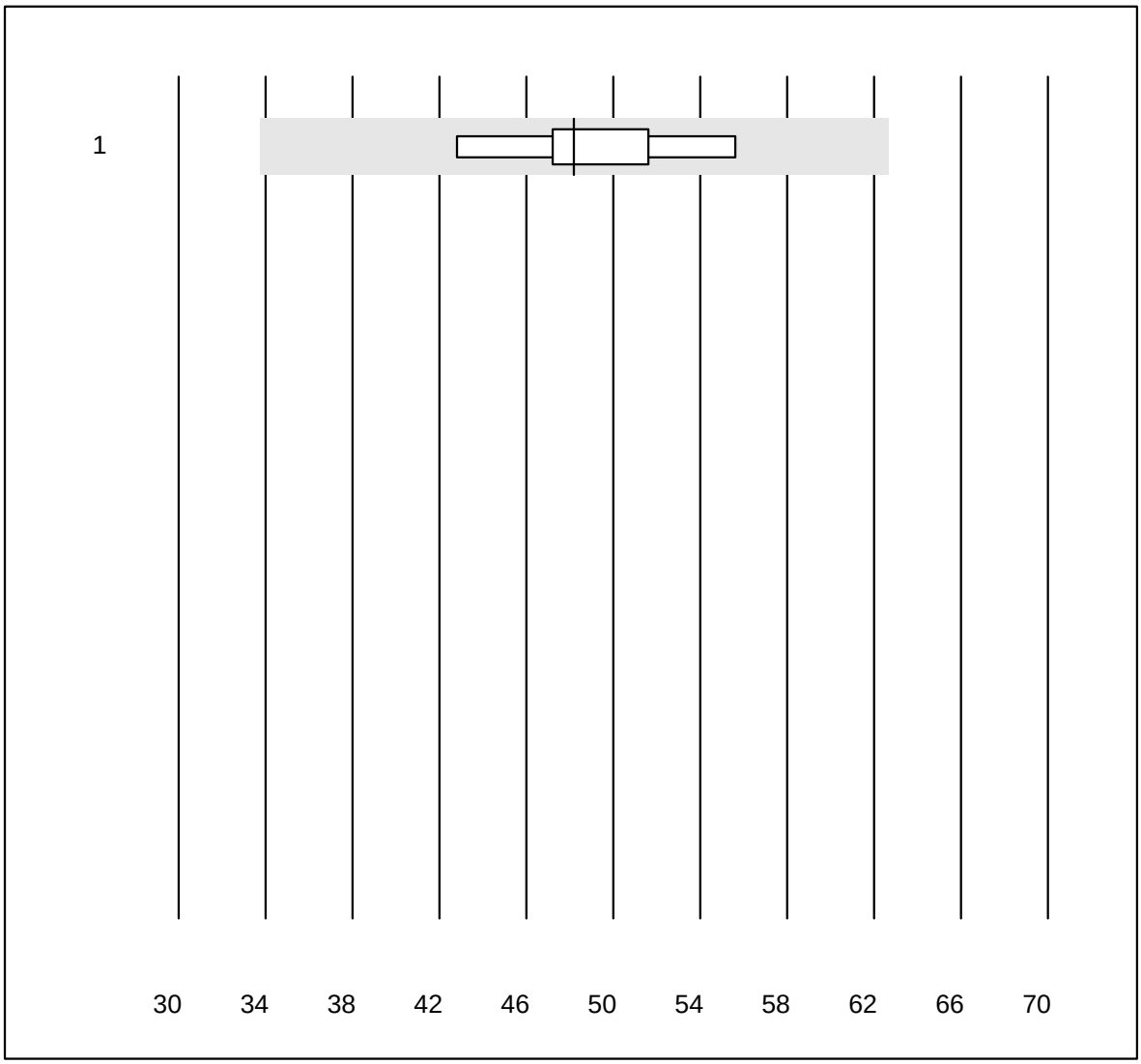


MQ tolerance : 25 %

Folate in Erythrocytes (nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Beckman	4	100.0	0.0	0.0	1216	9.4	e*
2	Architect	6	100.0	0.0	0.0	798	15.3	a

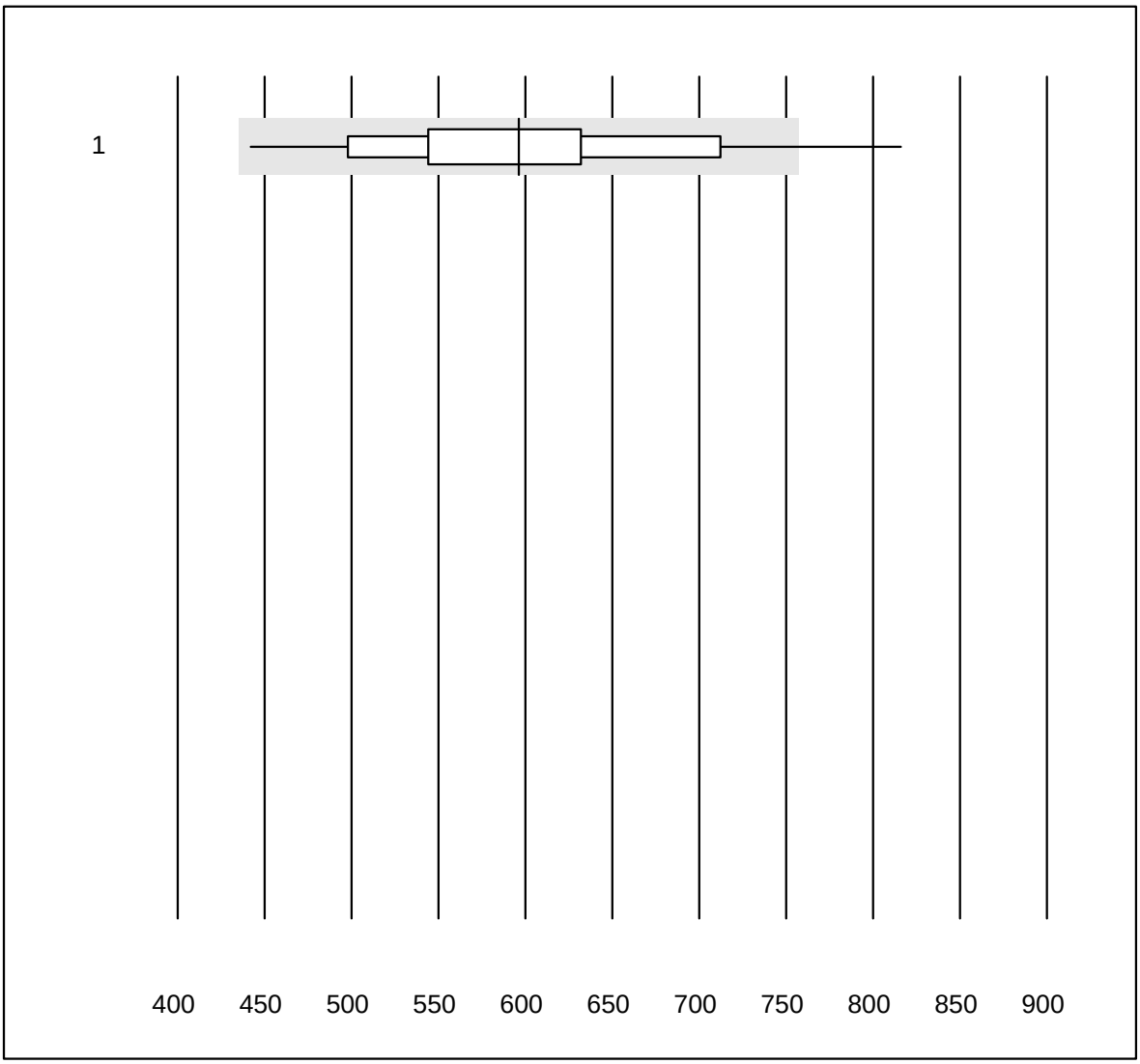
Gallensäure



MQ tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	9	100.0	0.0	0.0	48.2	7.8	e

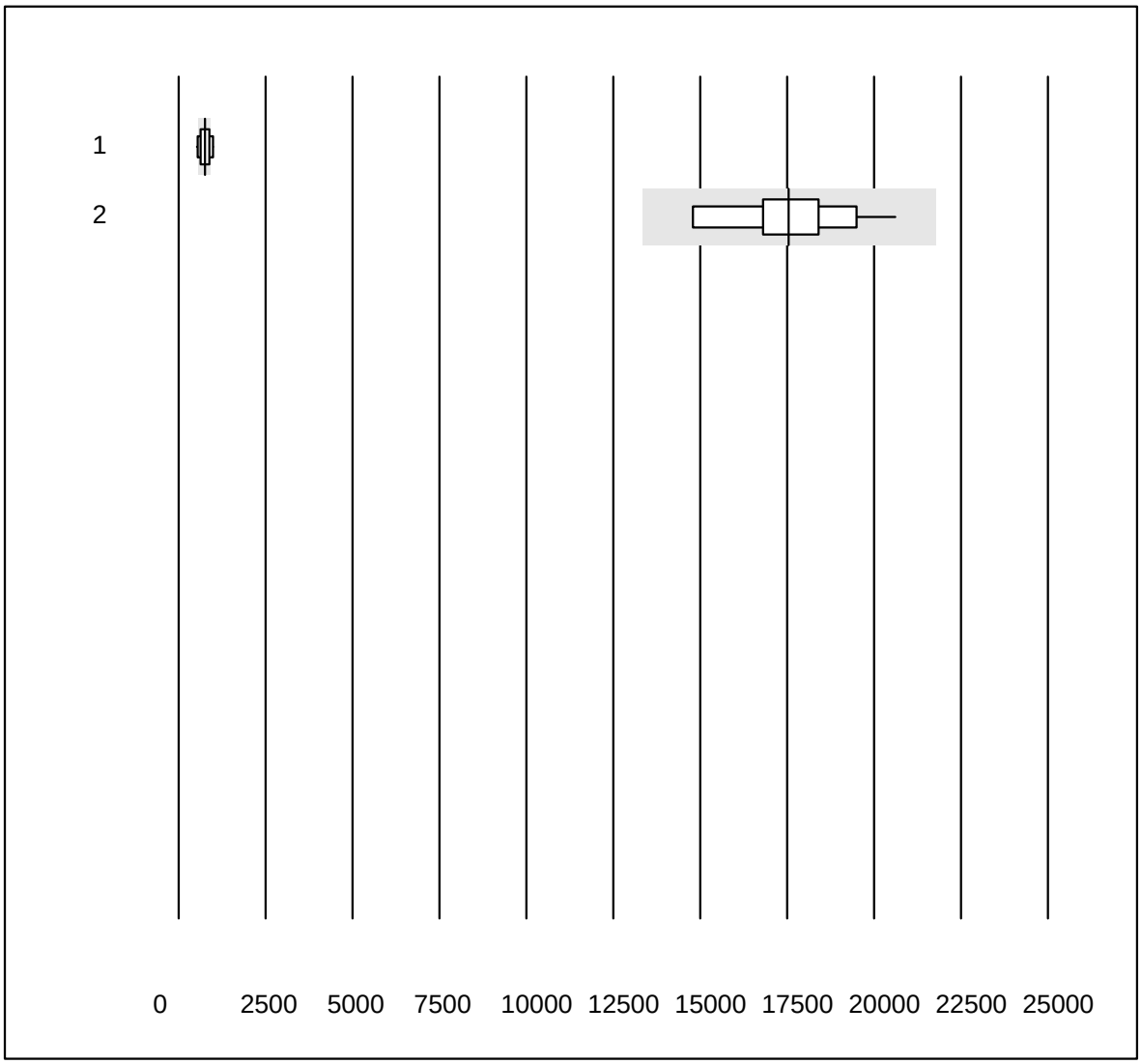
BNP



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	33	90.9	3.0	6.1	596.3	14.0	e

Troponin Triage

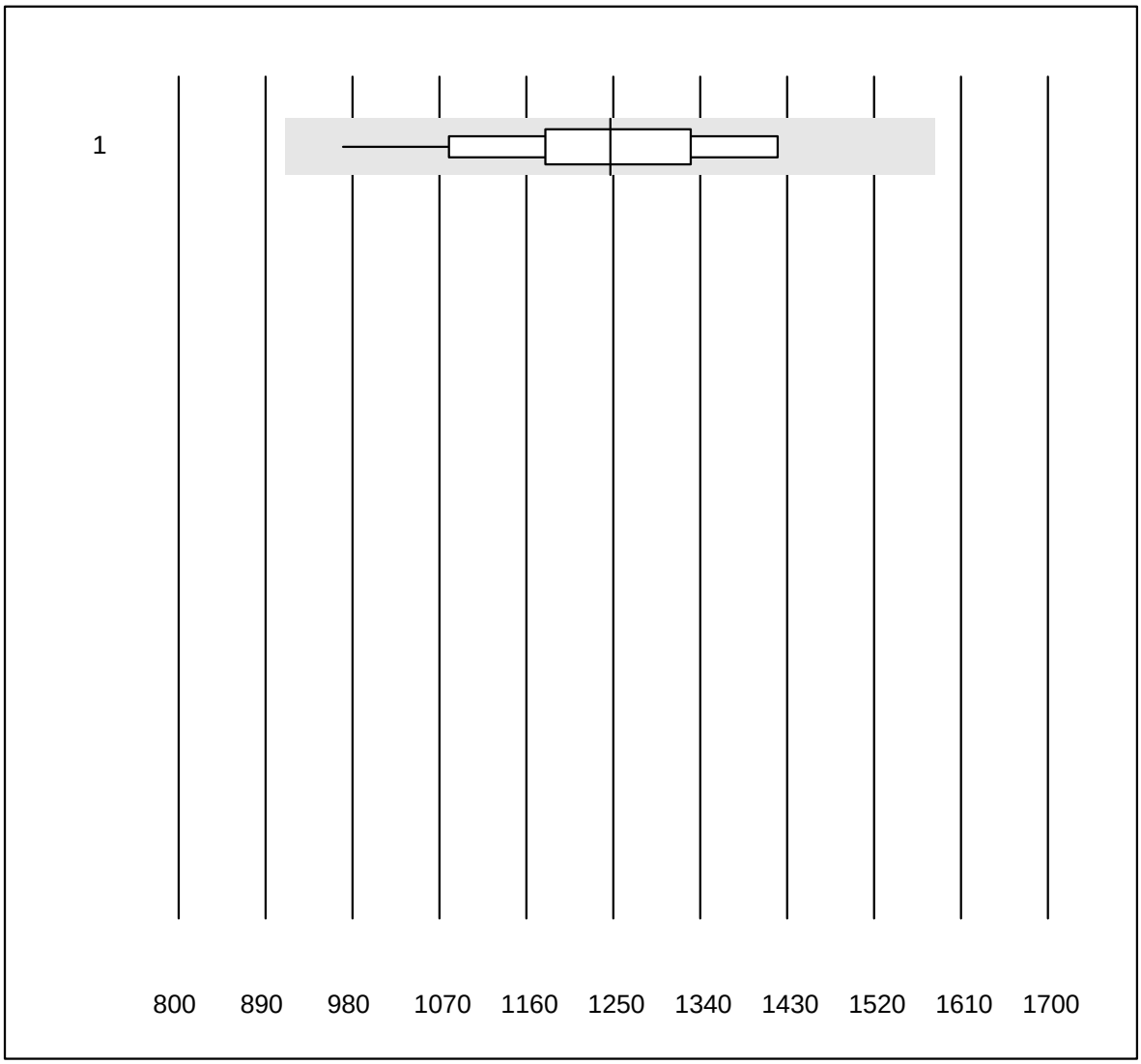


QUALAB tolerance : 24 %

Troponin Triage (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Next Gen	32	40.6	18.8	40.6	750.53	19.9	e*
2	Triage SOB/Cardiac	14	92.9	0.0	7.1	17546.15	9.6	e

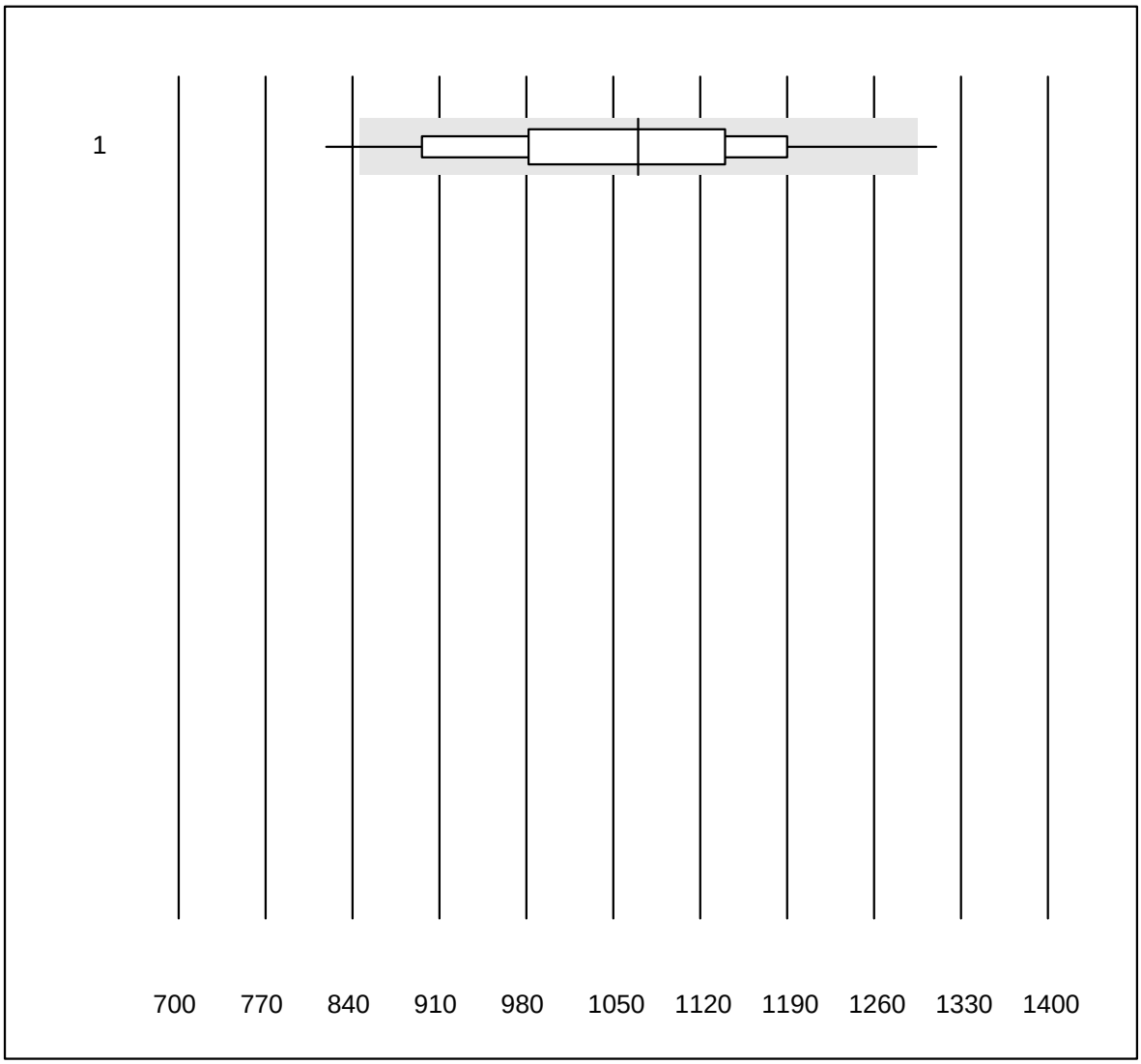
NT-proBNP



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	14	100.0	0.0	0.0	1247	10.1	e

D-dimer Triage

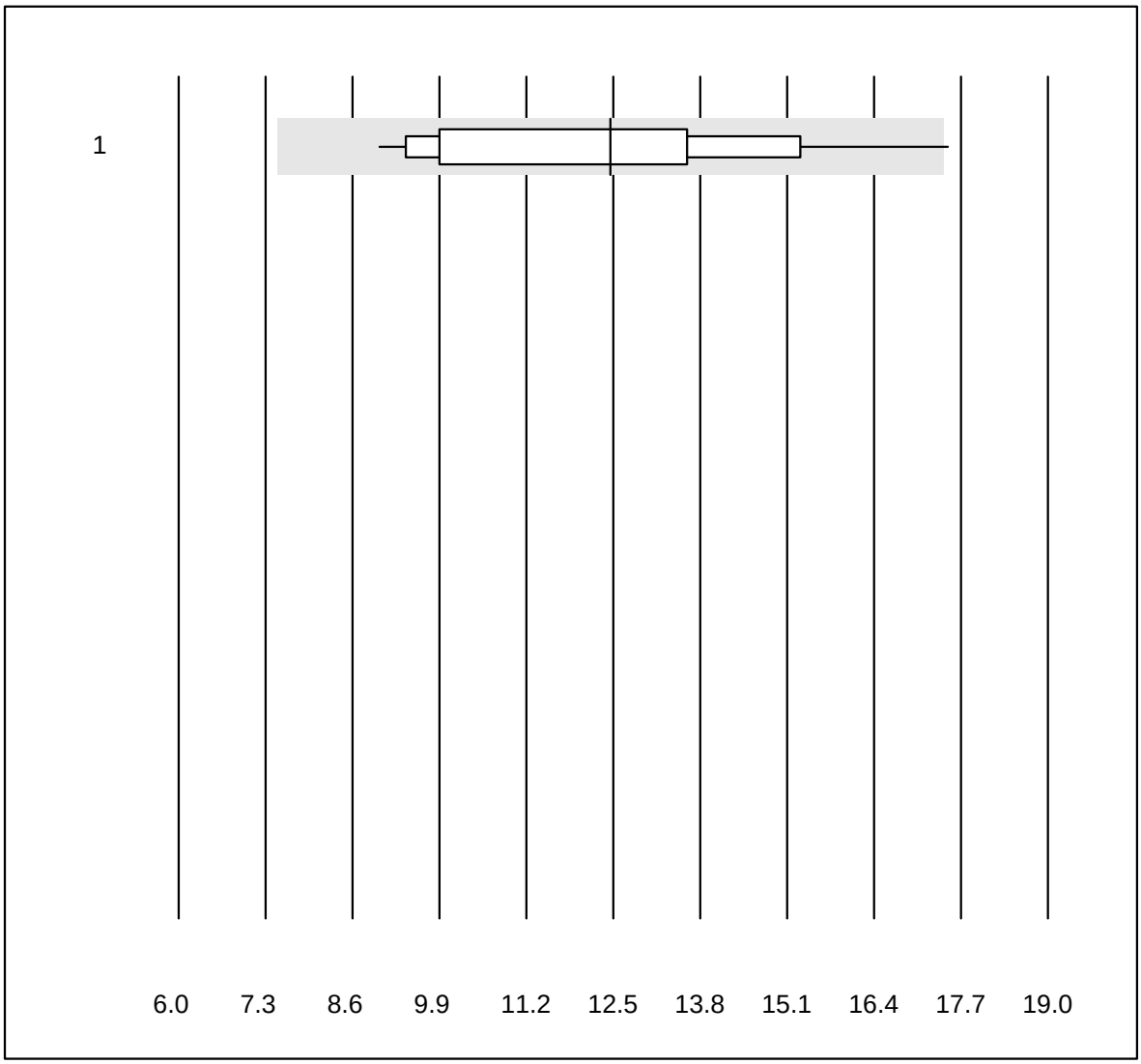


QUALAB tolerance : 21 %

D-dimer Triage (ng/ml)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	46	95.7	4.3	0.0	1070.00	11.0	e

CK-MB Triage

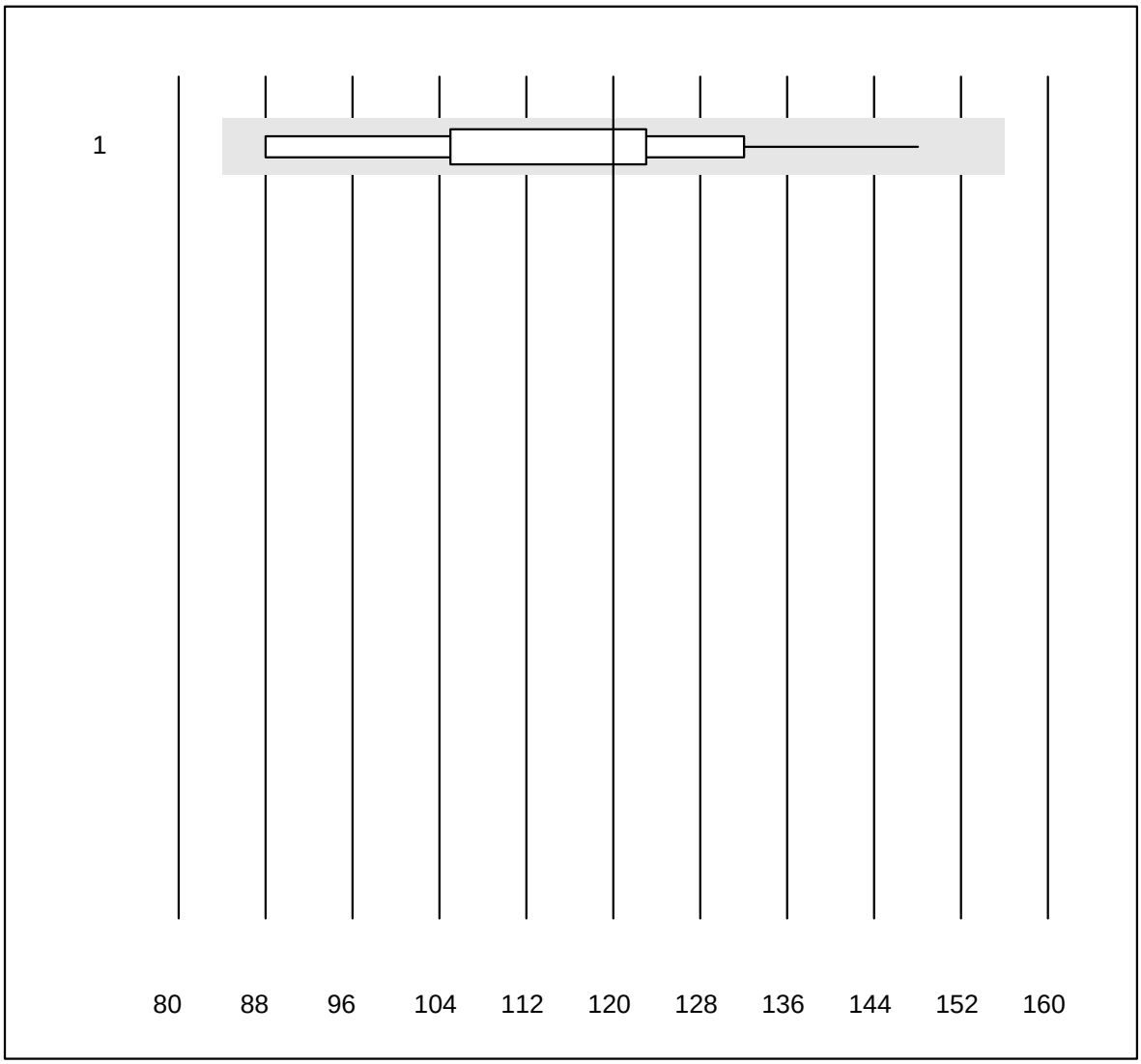


MQ tolerance : 40 %

CK-MB Triage (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	13	84.6	7.7	7.7	12.5	22.3	e*

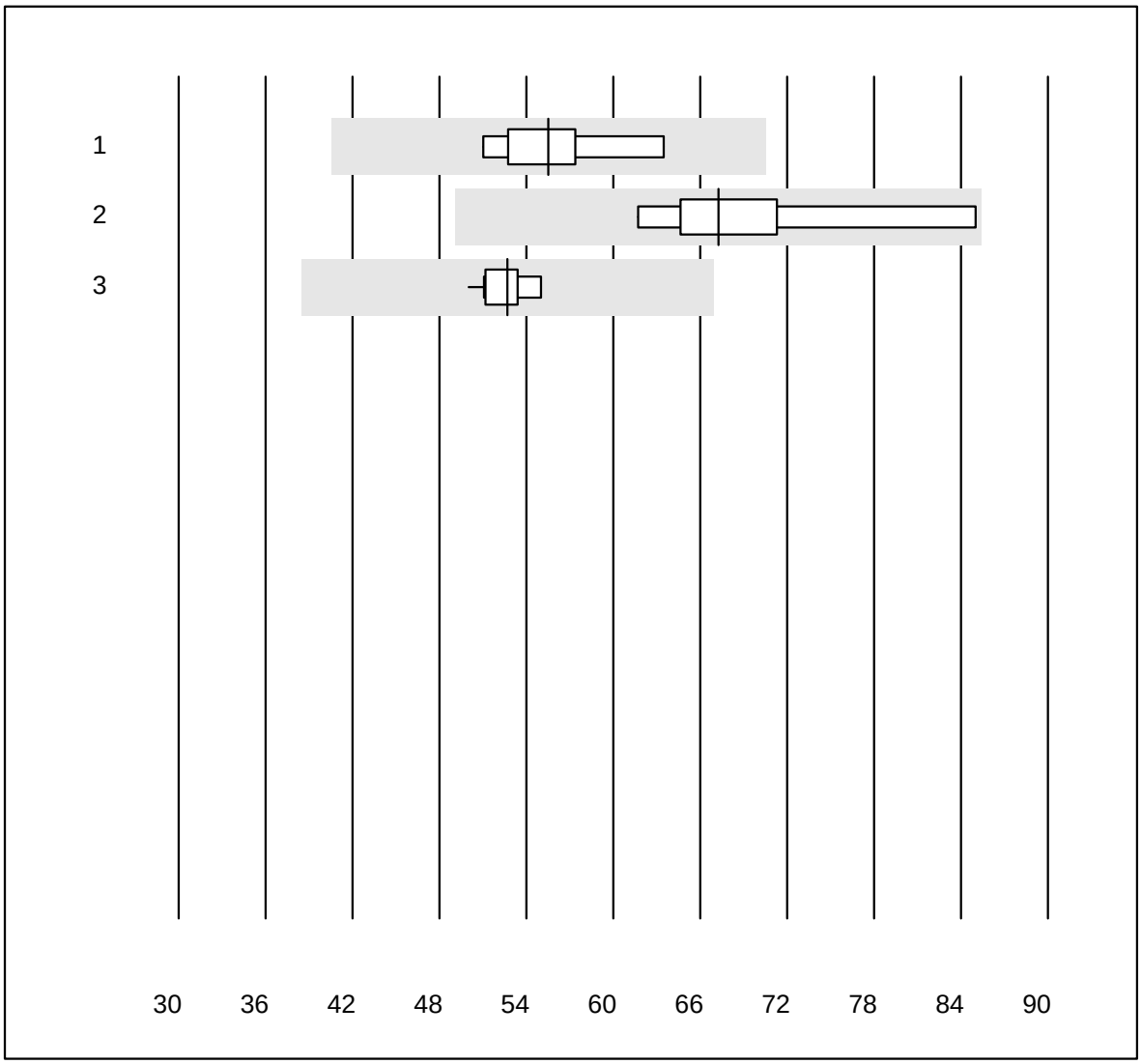
Myoglobin Triage



QUALAB tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	10	100.0	0.0	0.0	120.0	14.6	e*

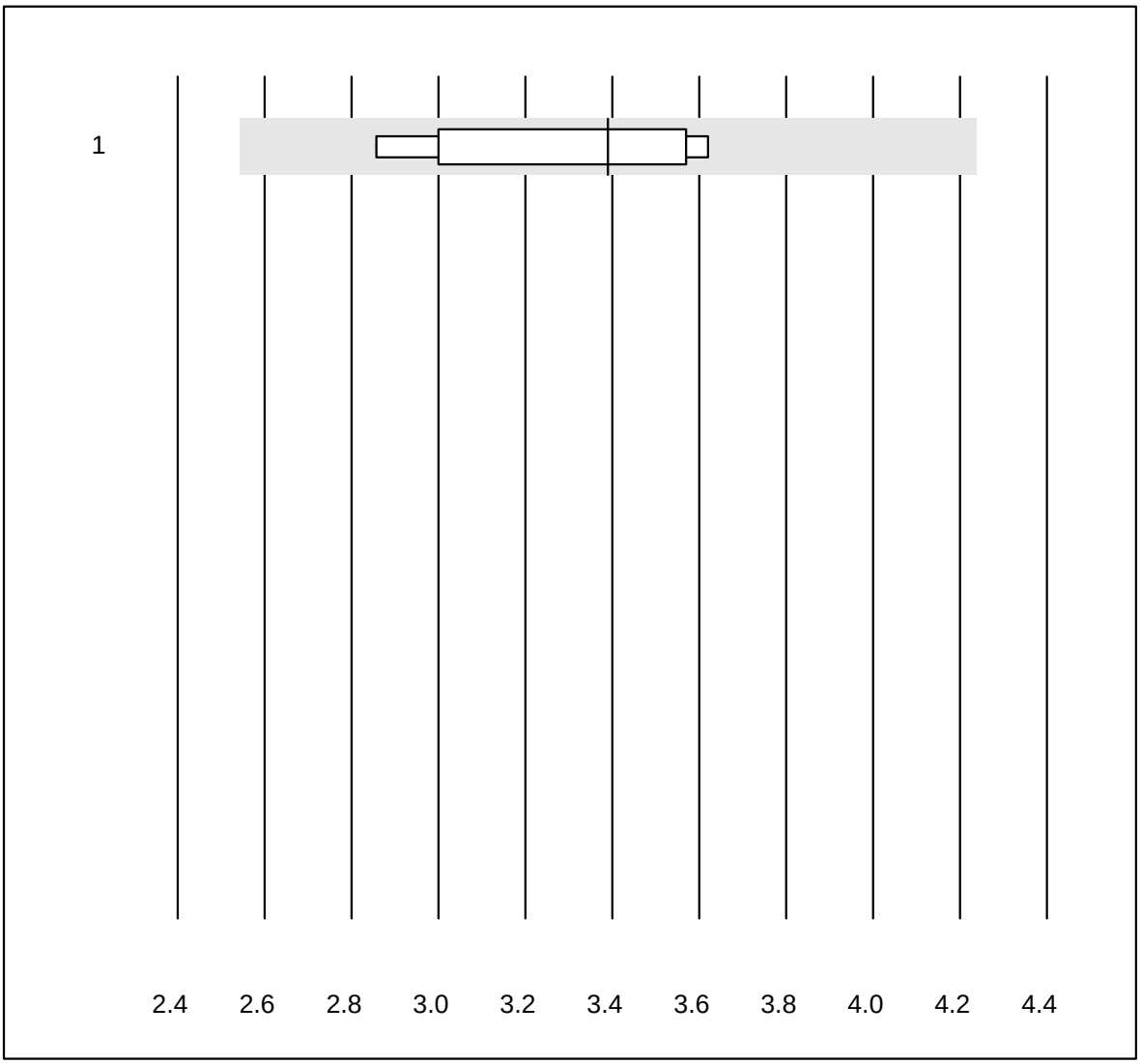
25-OH Vitamin D



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	6	100.0	0.0	0.0	55.5	7.8	e
2	VIDAS	6	100.0	0.0	0.0	67.3	12.0	e*
3	Architect	11	100.0	0.0	0.0	52.7	2.9	e

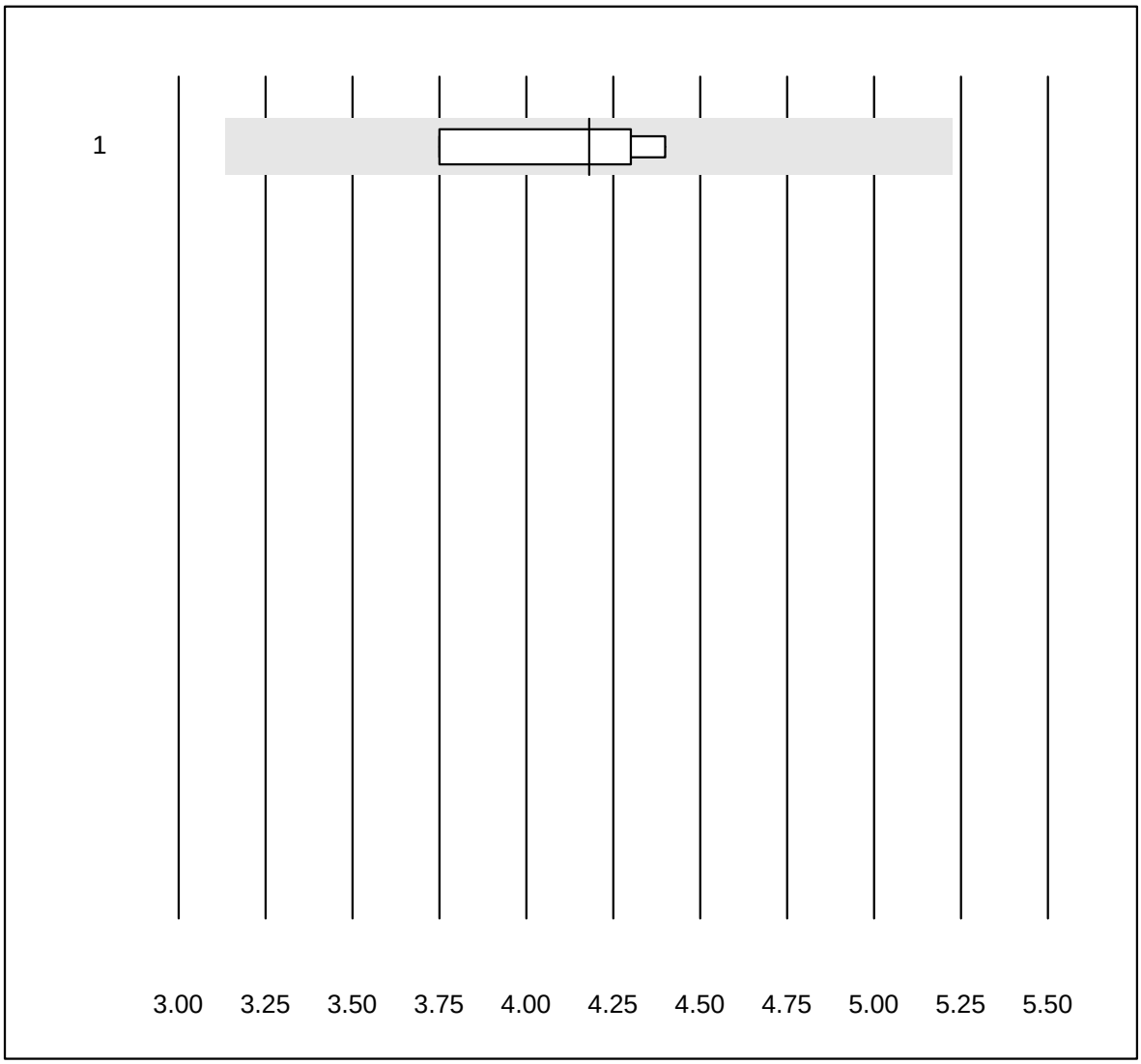
AMH



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	8	100.0	0.0	0.0	3.4	9.4	e*

Calcitonin

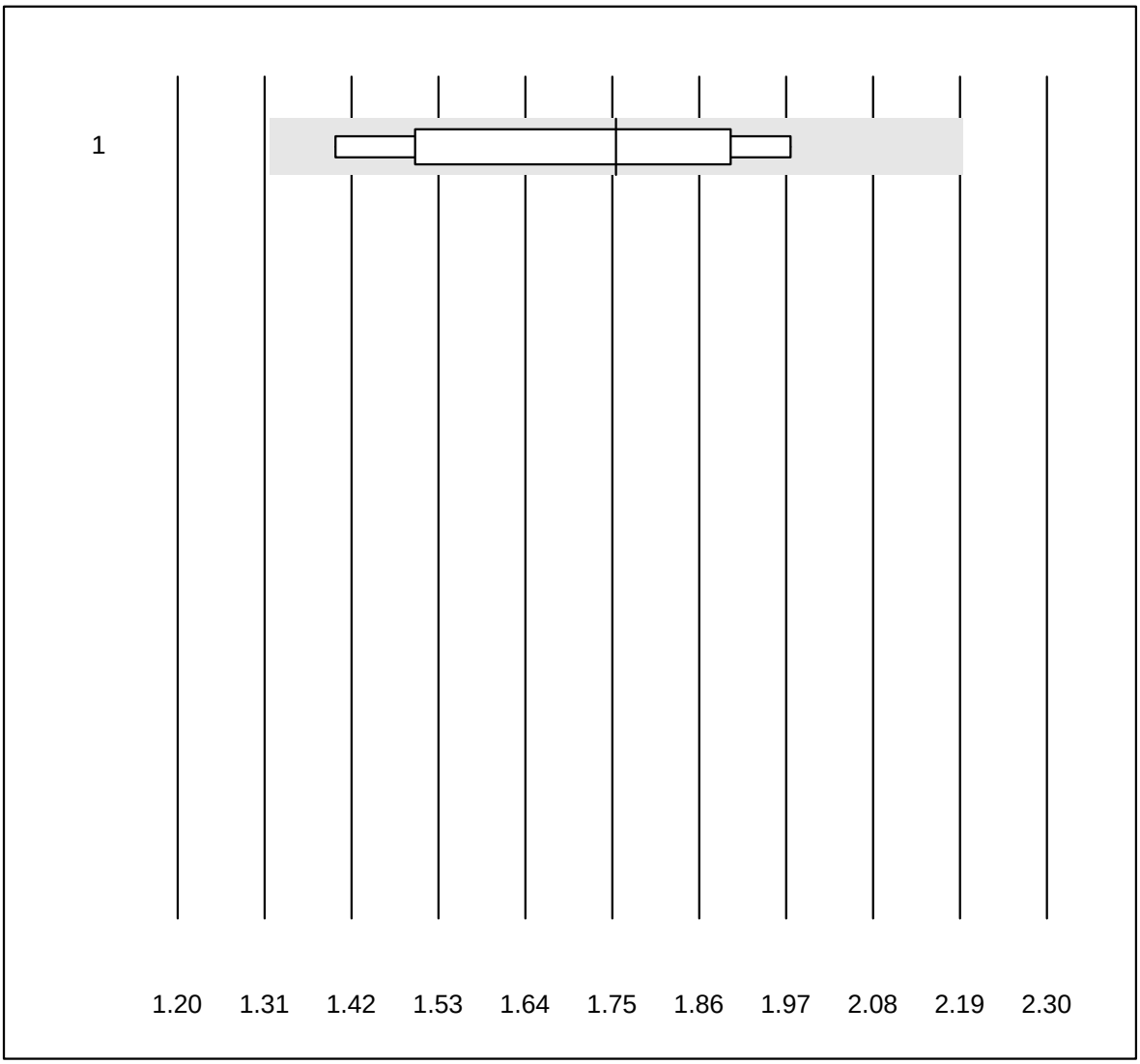


MQ tolerance : 25 %

Calcitonin (pmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Liaison	4	100.0	0.0	0.0	4.2	7.0	e*

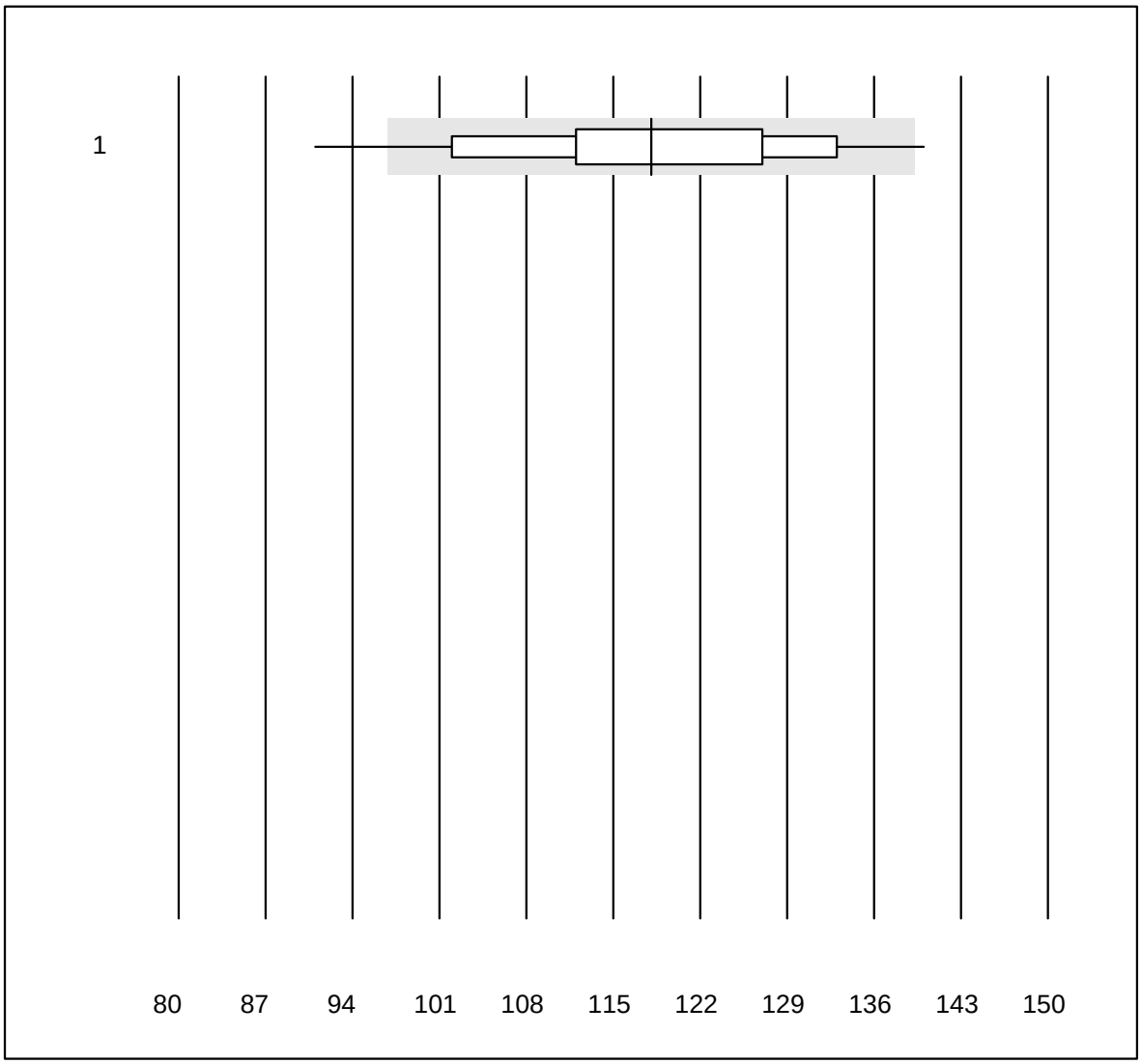
TRAK



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	100.0	0.0	0.0	1.76	13.2	e*

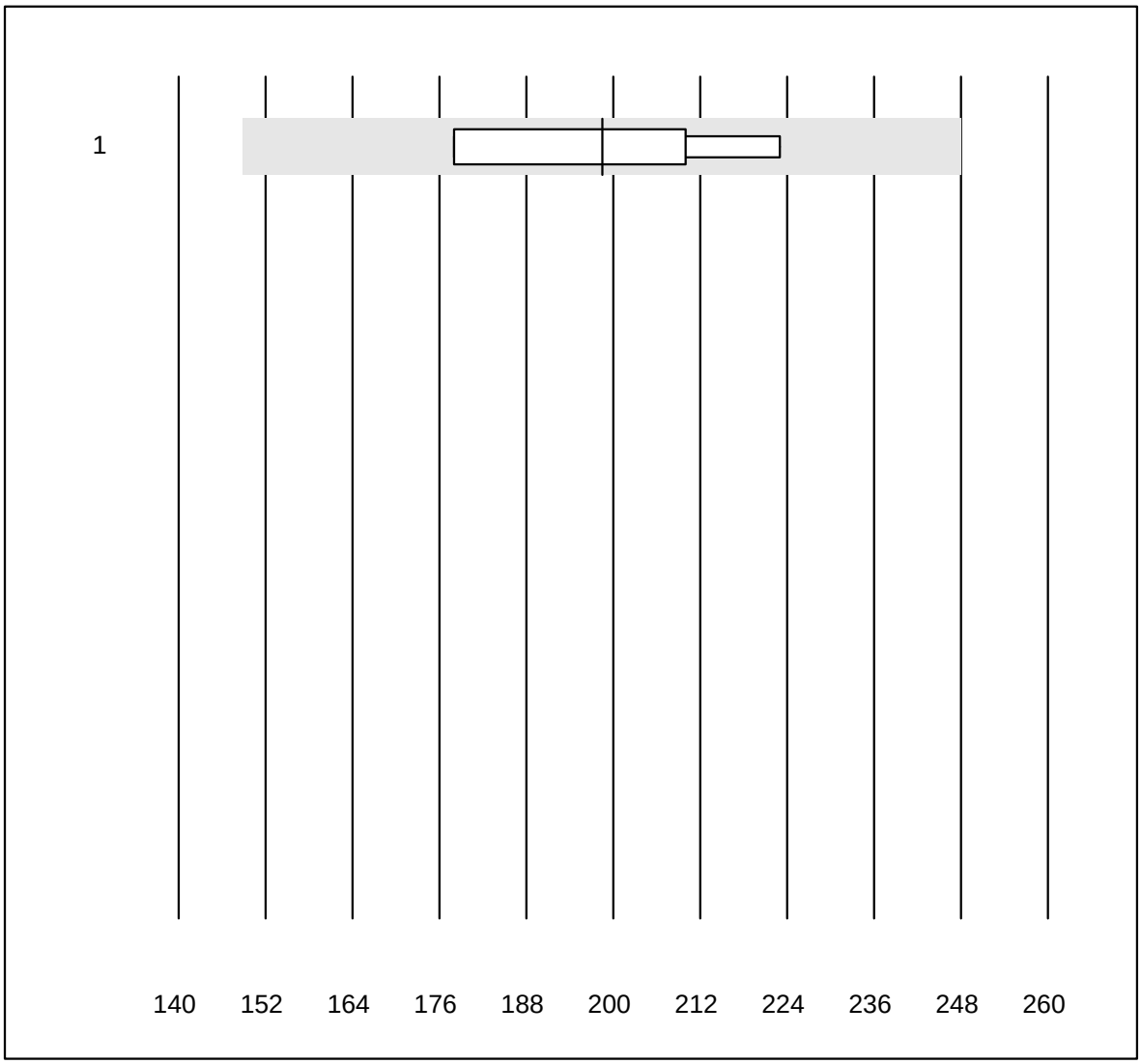
Creatinine WB



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Statsensor i / Nova	35	82.8	8.6	8.6	118	10.0	e

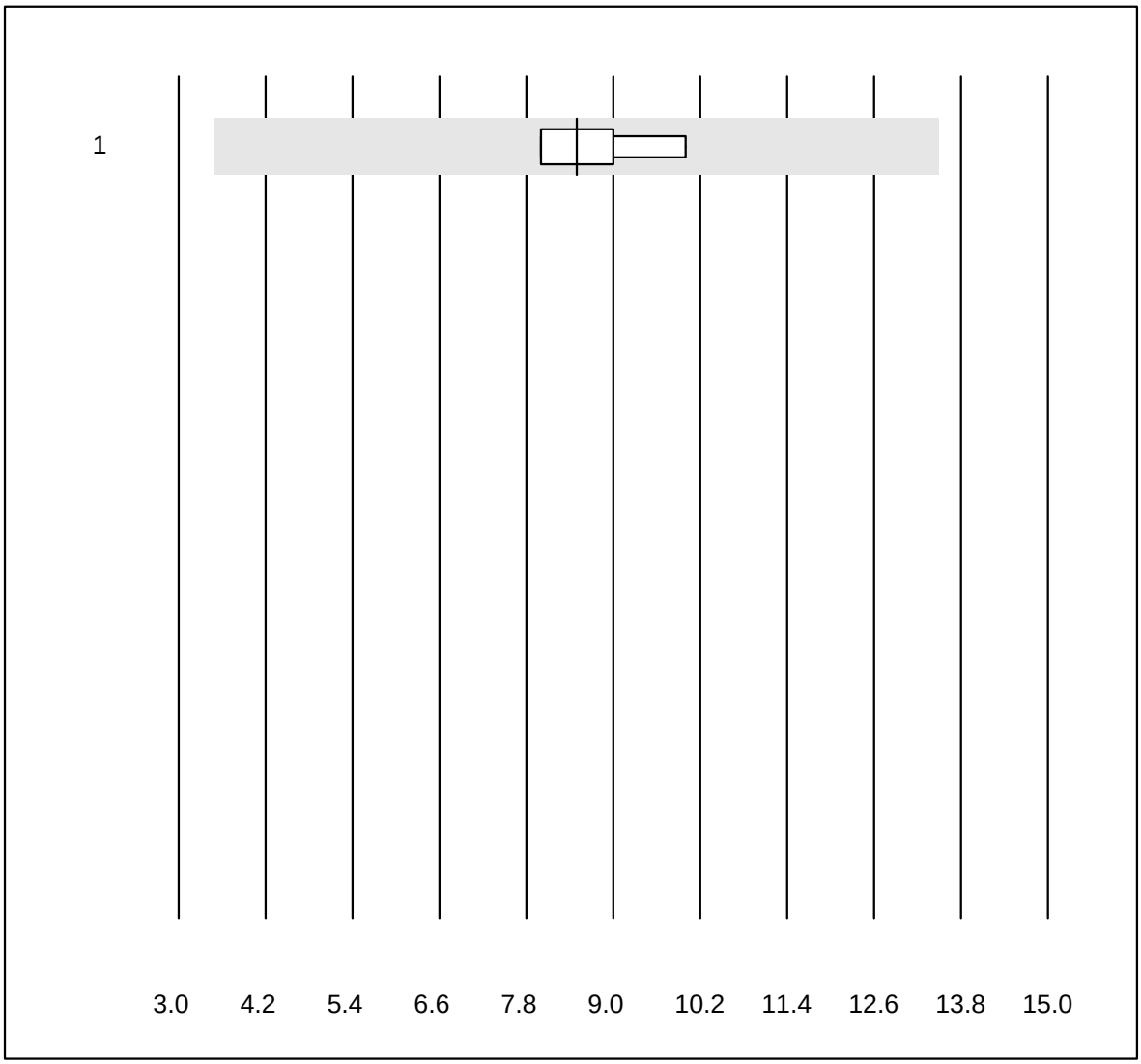
Amylase-Urine



MQ tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	4	100.0	0.0	0.0	199	10.4	e*

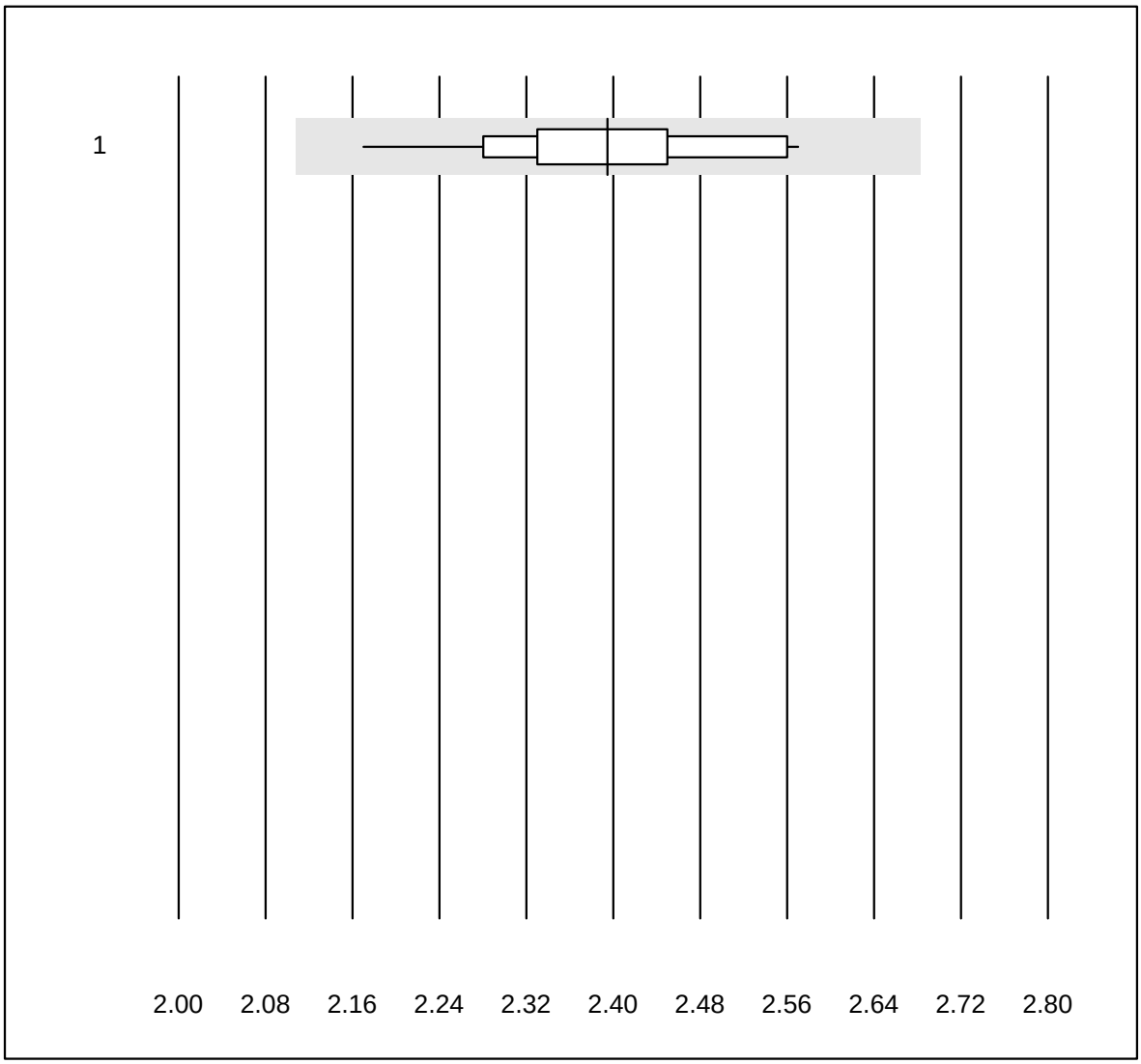
Pancreatic Amylase-Urine



QUALAB tolerance : 18 %
(< 25.0: +/- 5.0 U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	4	100.0	0.0	0.0	8.5	10.9	e*

Calcium-Urine

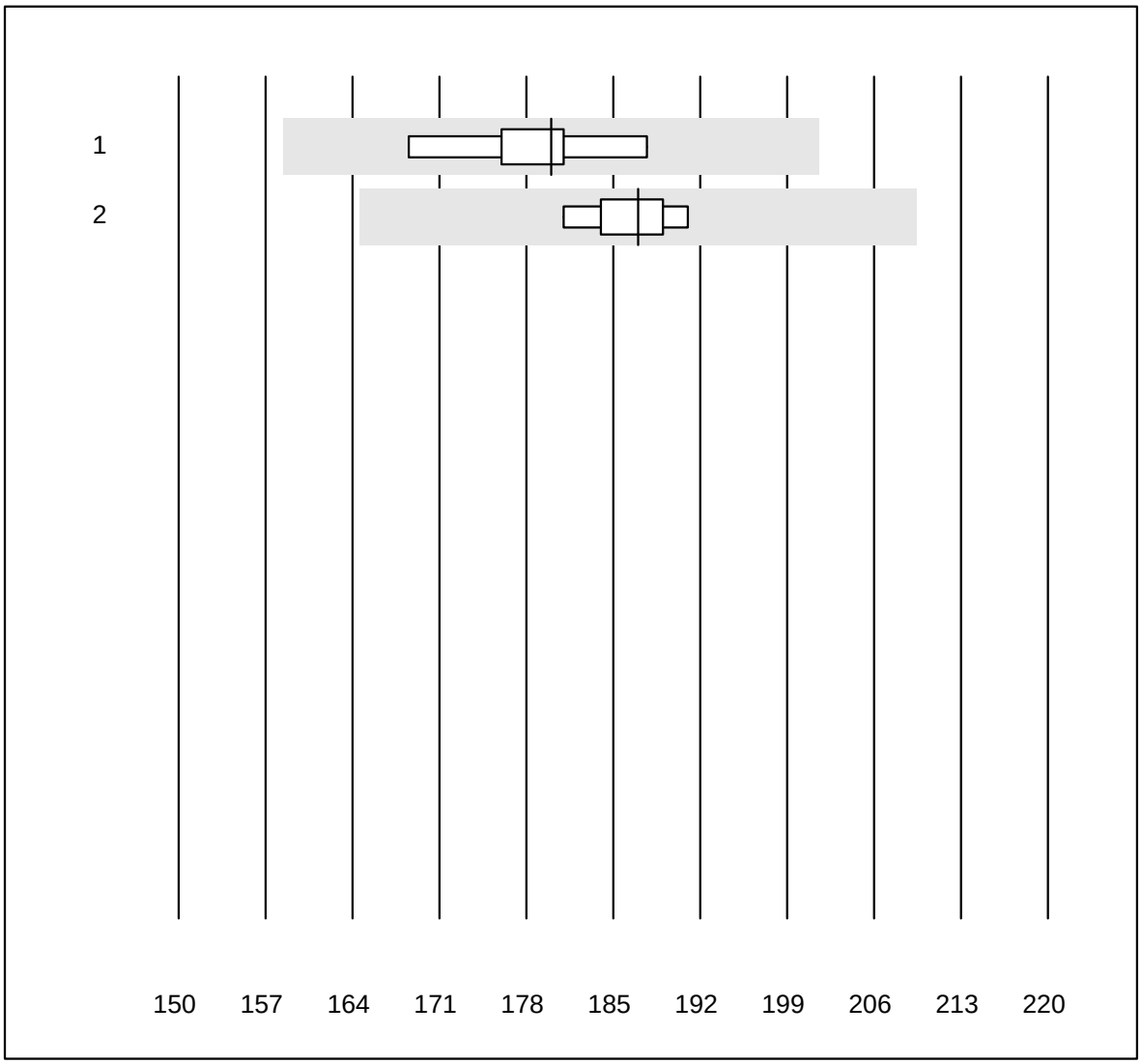


MQ tolerance : 12 %

Calcium-Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	18	94.4	0.0	5.6	2.39	4.3	e

Chloride-Urine

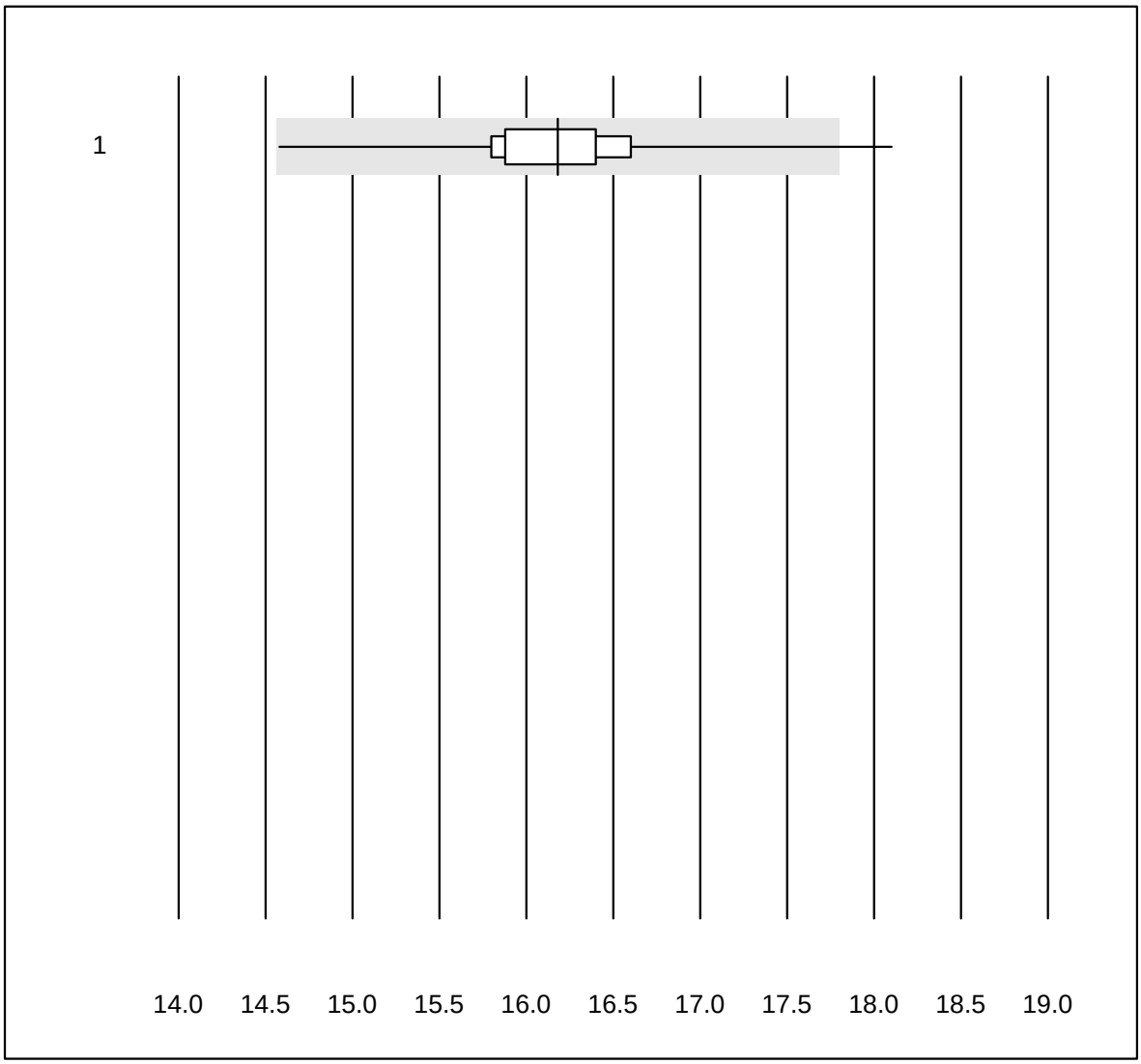


MQ tolerance : 12 %

Chloride-Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	7	100.0	0.0	0.0	180	3.3	e
2	Standard chemistry	7	100.0	0.0	0.0	187	1.8	e

Glucose-Urine

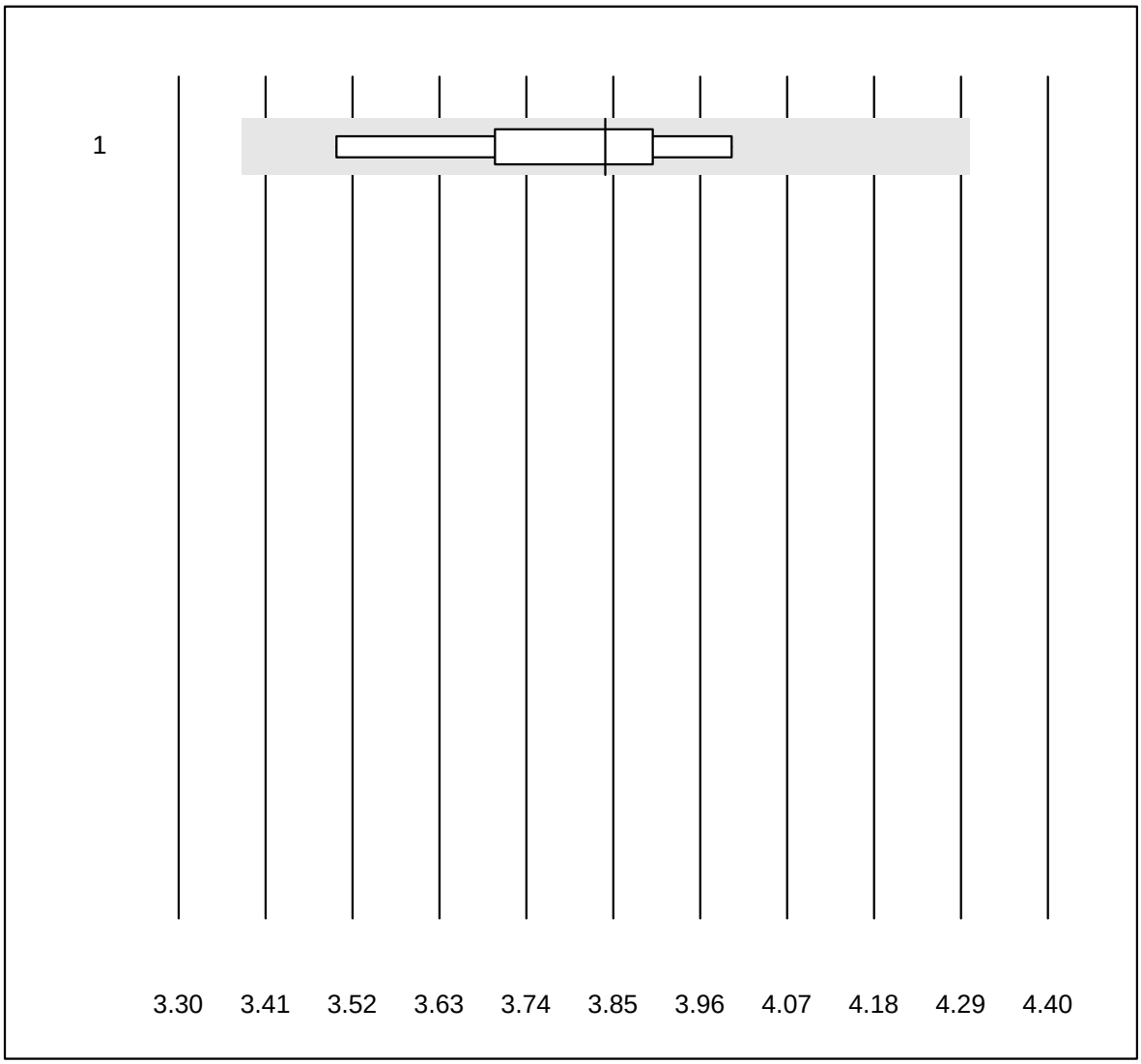


MQ tolerance : 10 %

Glucose-Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	93.7	6.3	0.0	16.2	4.2	e

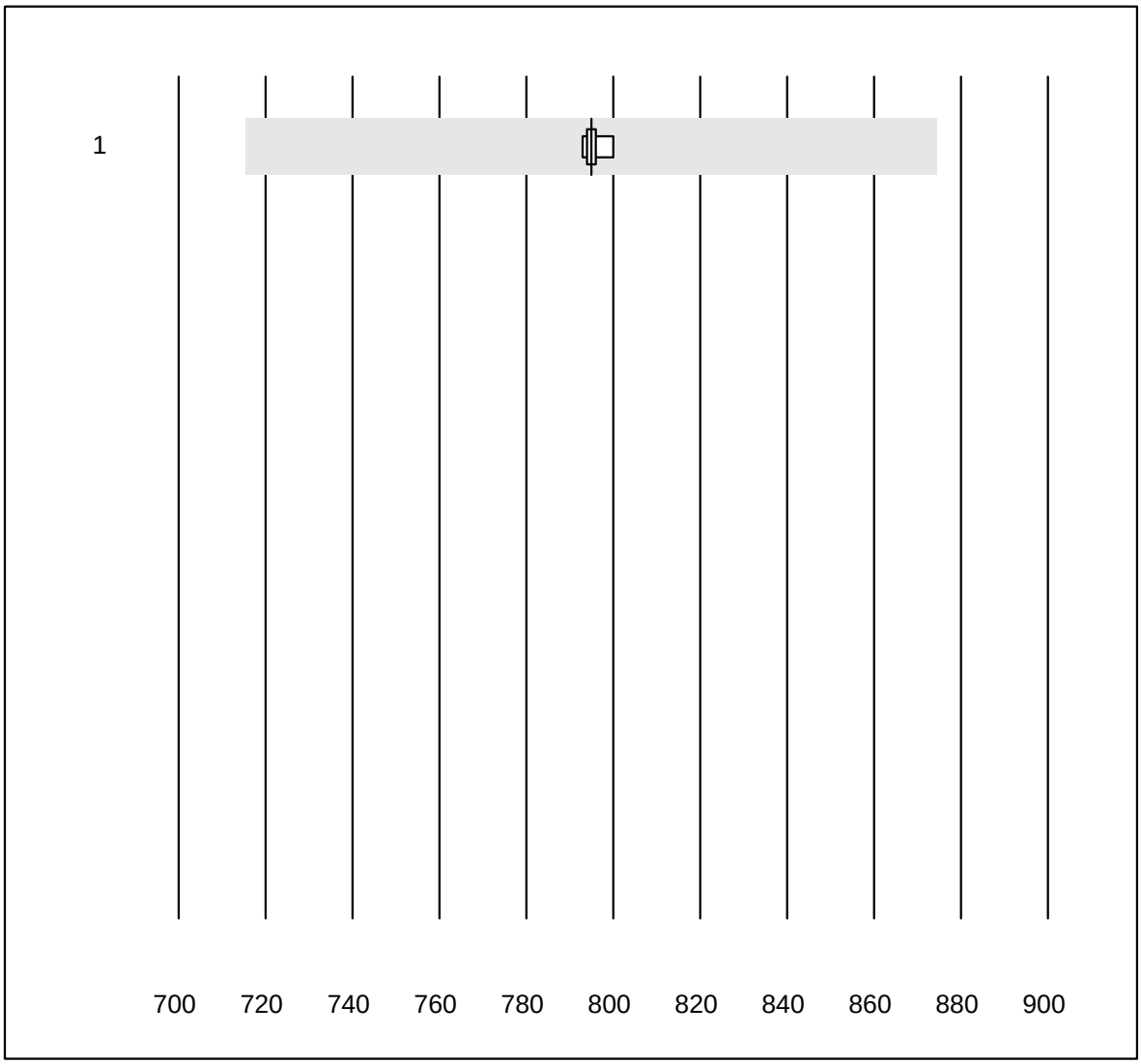
Magnesium-Urine



MQ tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	9	100.0	0.0	0.0	3.84	4.0	e

Osmolality-Urine

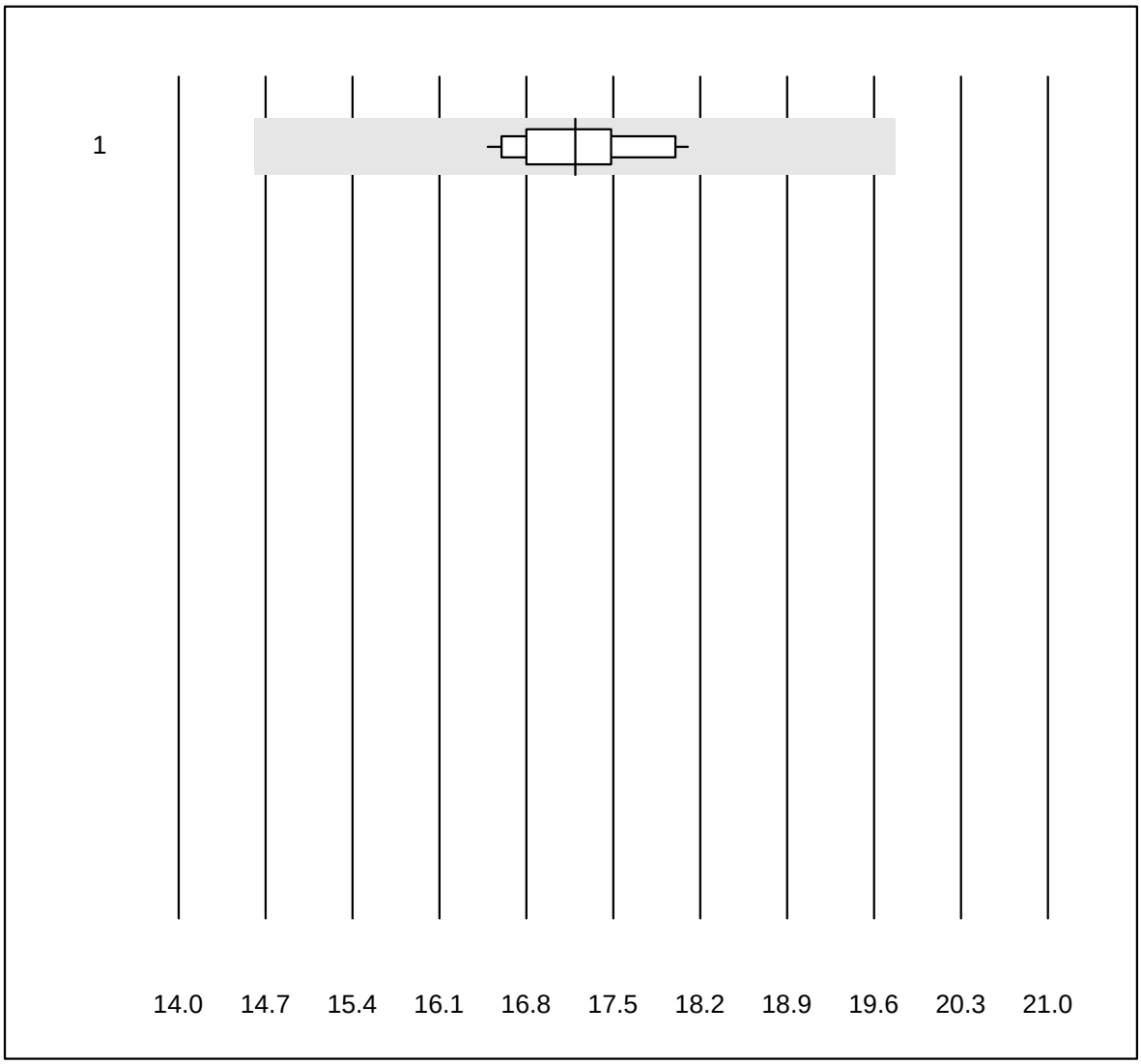


MQ tolerance : 10 %

Osmolality-Urine (mosm/kg)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cryoskopy	9	100.0	0.0	0.0	795	0.3	e

Phosphate-Urine

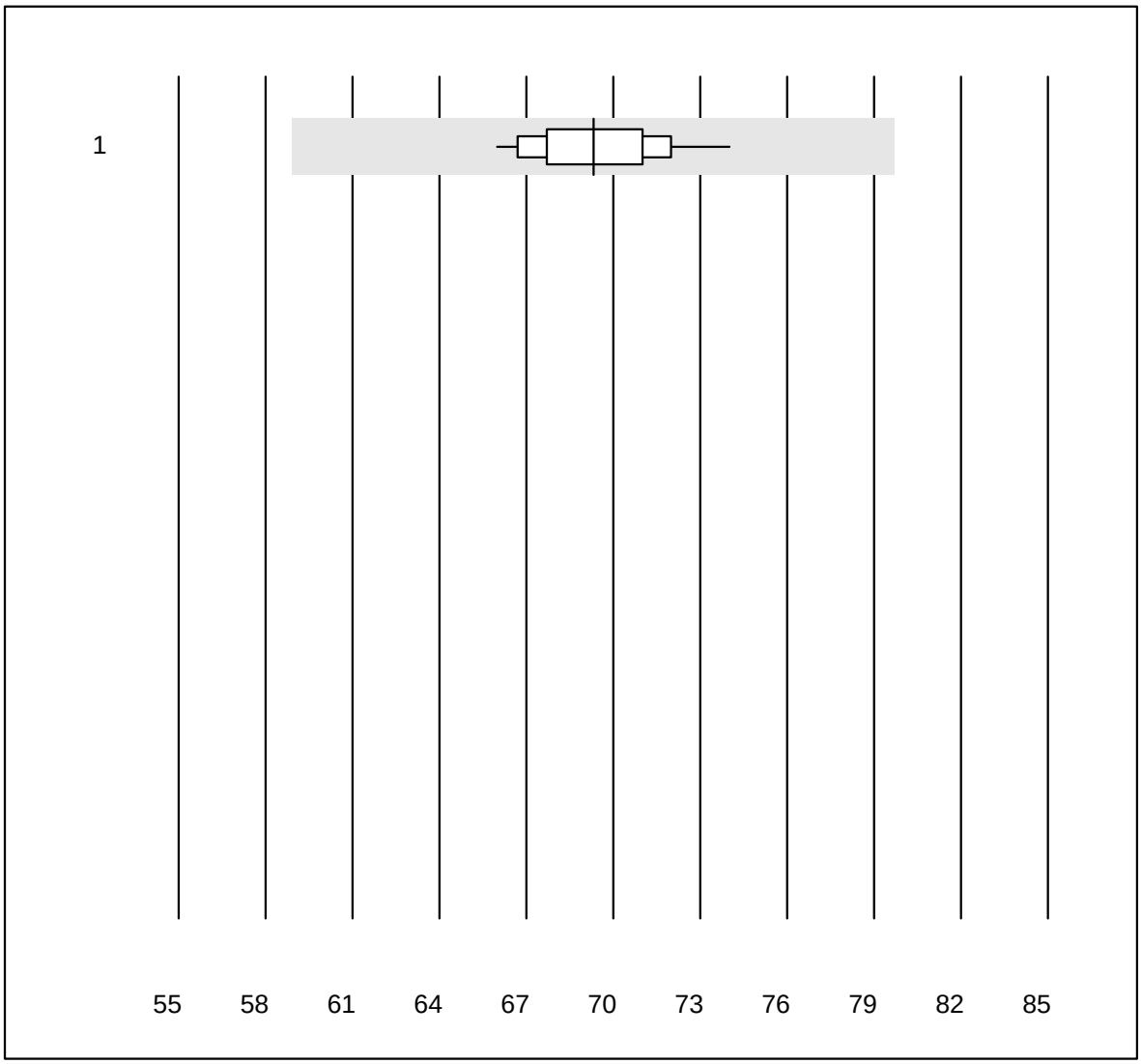


MQ tolerance : 15 %

Phosphate-Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	17.2	2.7	e

Potassium-Urine

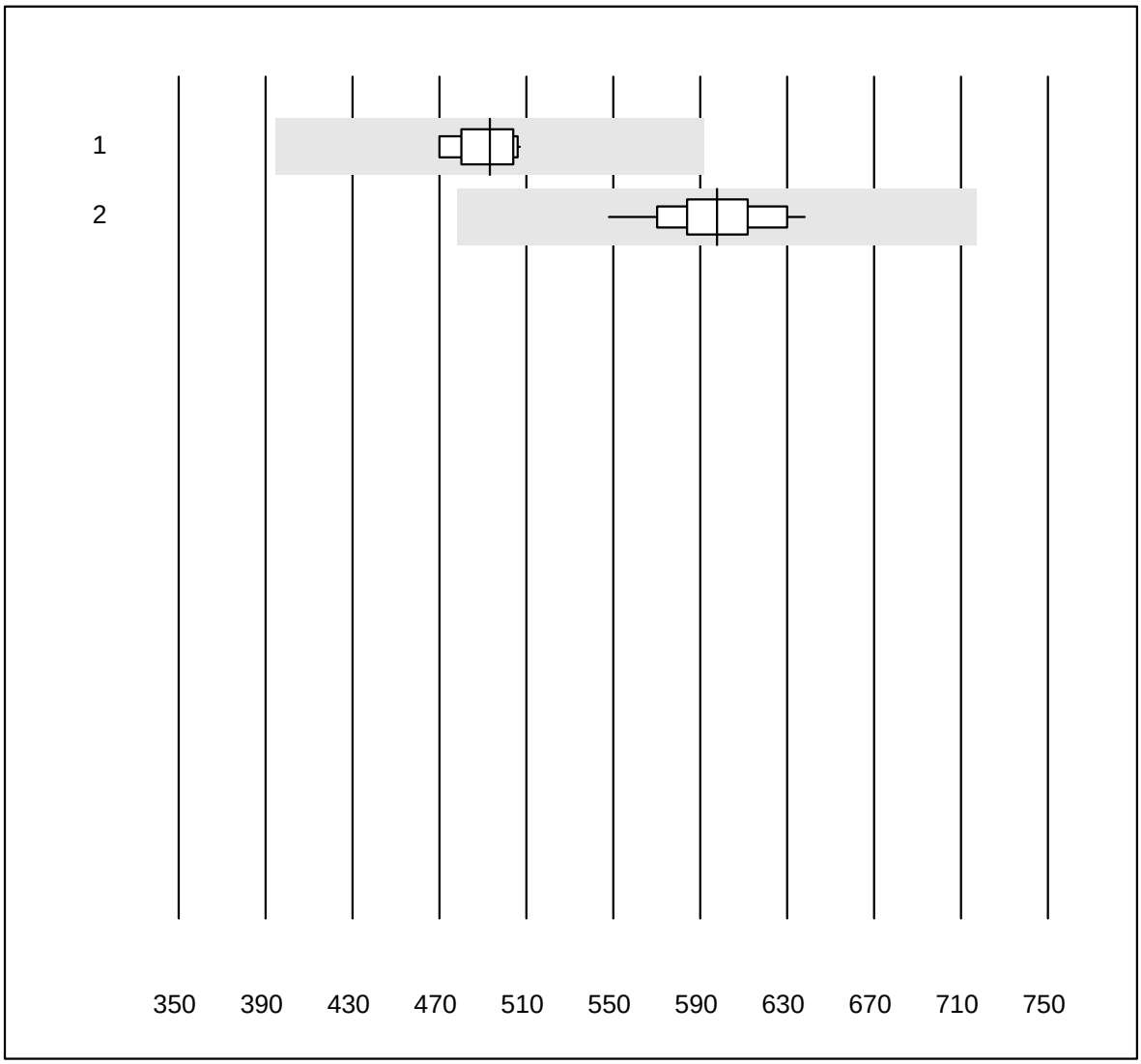


MQ tolerance : 15 %

Potassium-Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	24	95.8	0.0	4.2	69	3.1	e

total Protein-Urine

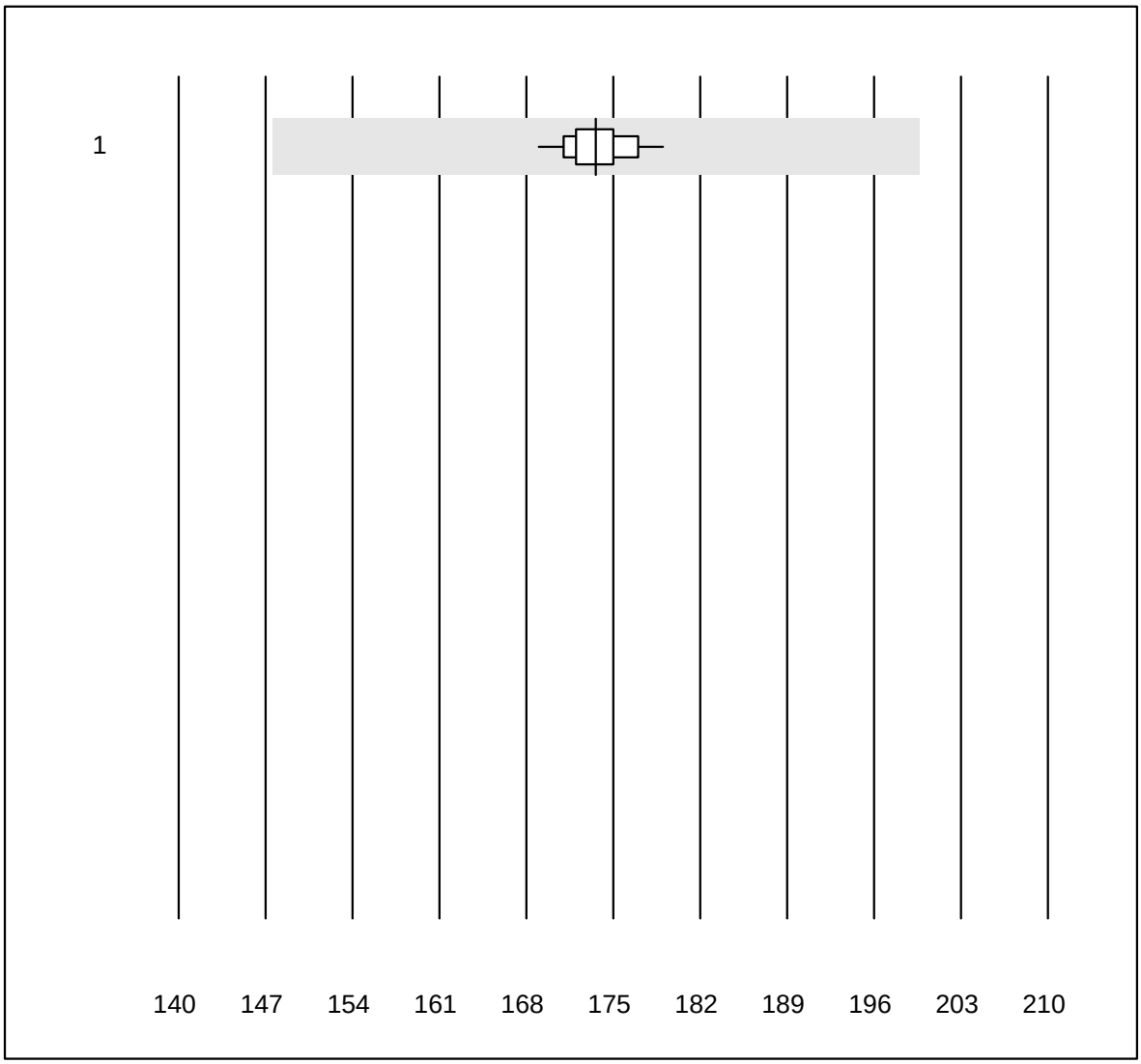


MQ tolerance : 20 %

total Protein-Urine (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas/Roche	10	100.0	0.0	0.0	493.2	2.6	e
2	Standard chemistry	11	100.0	0.0	0.0	597.6	4.3	e

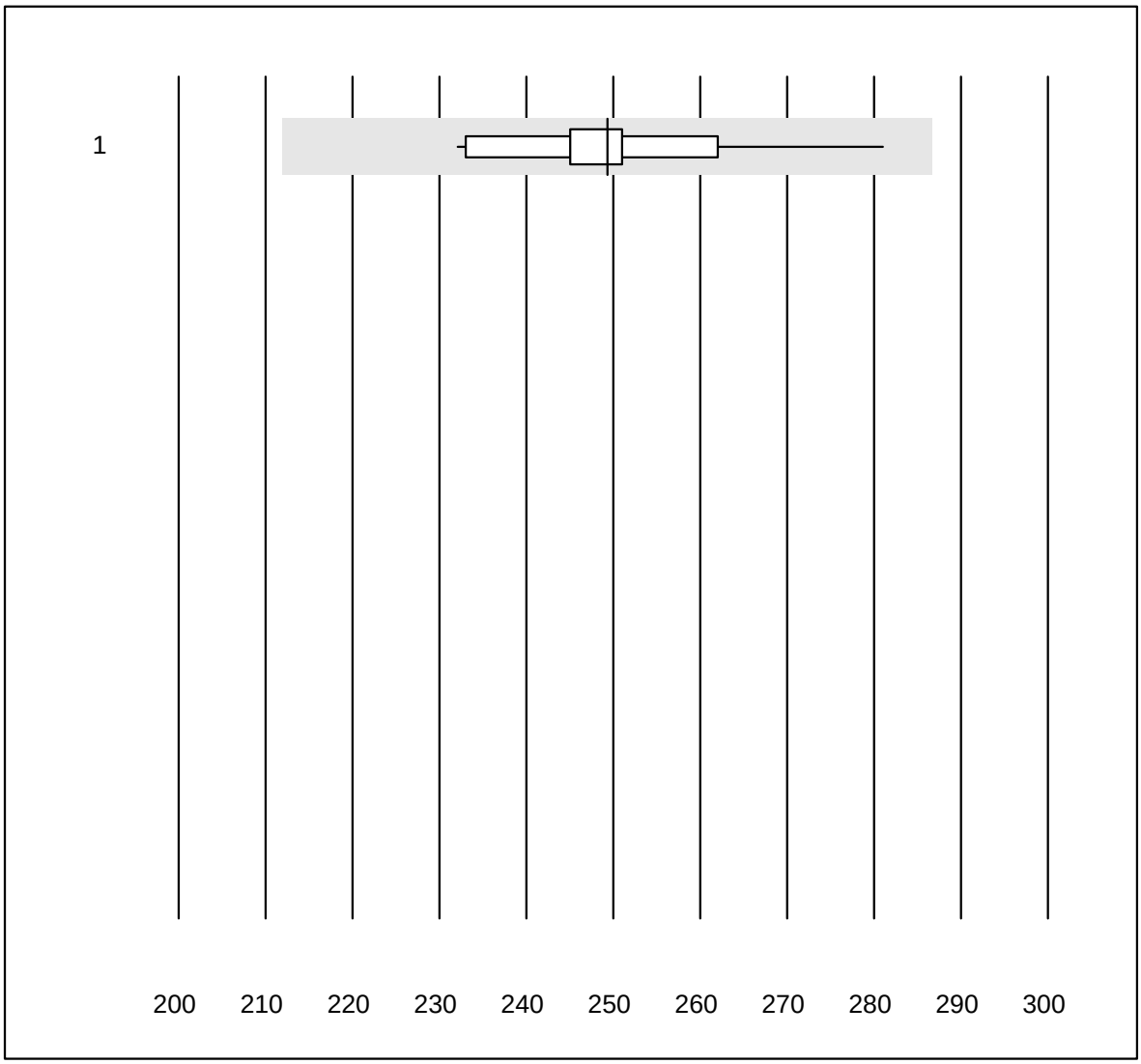
Sodium-Urine



MQ tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	23	100.0	0.0	0.0	174	1.4	e

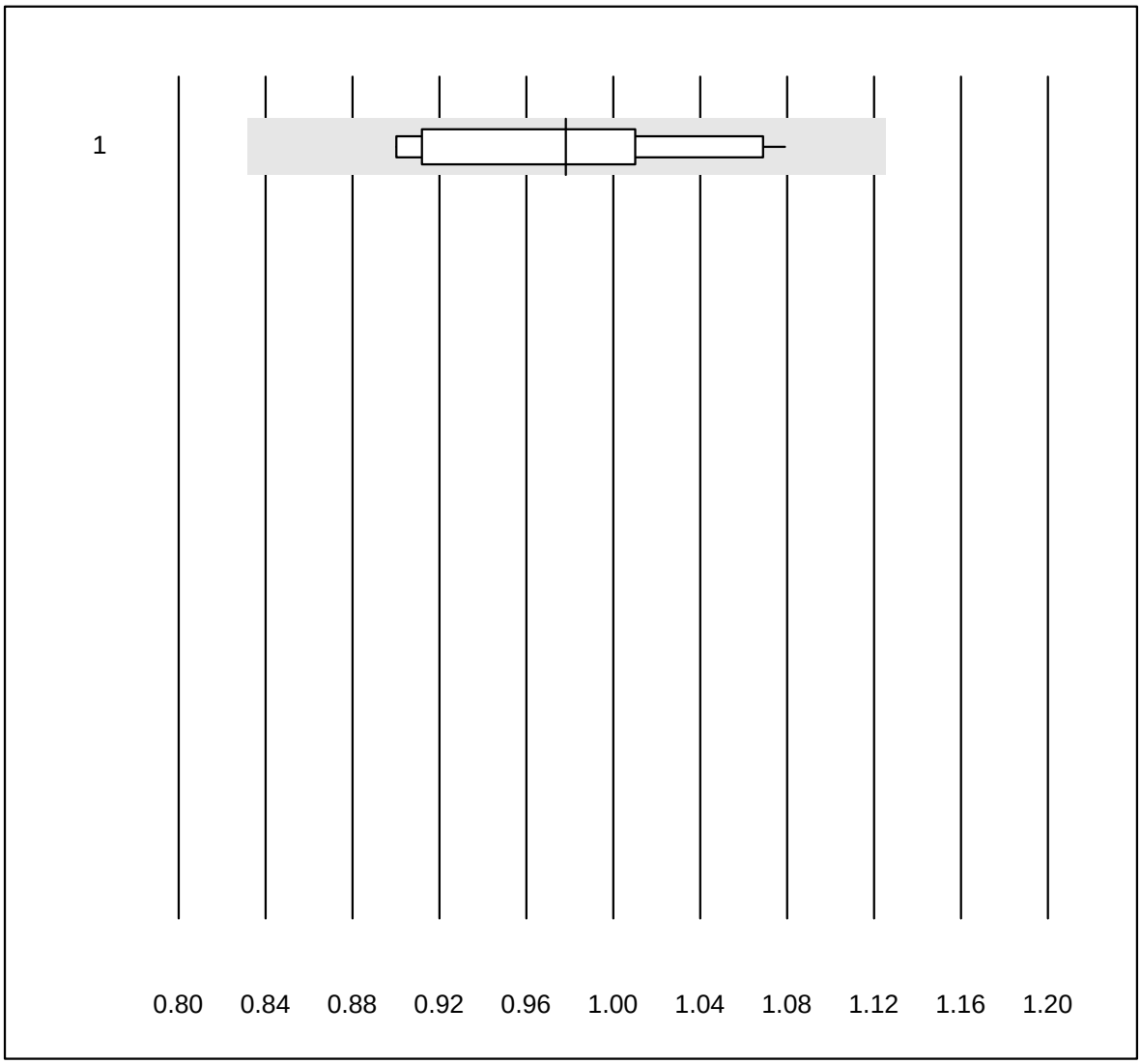
Urea-Urine



MQ tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	19	100.0	0.0	0.0	249	4.4	e

Uric Acid-Urine

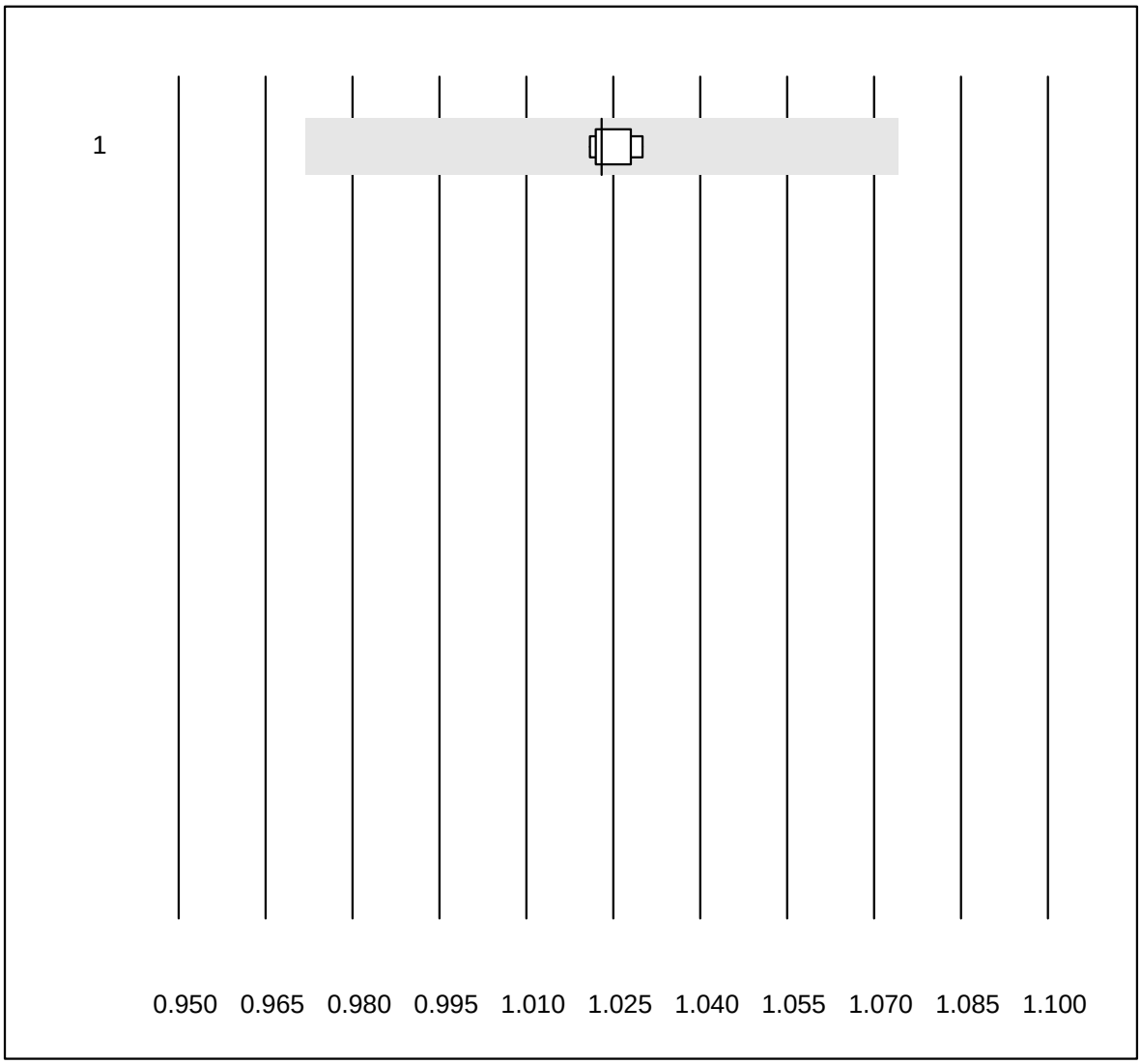


MQ tolerance : 15 %

Uric Acid-Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	0.98	5.9	e

Specific Gravity-Urine

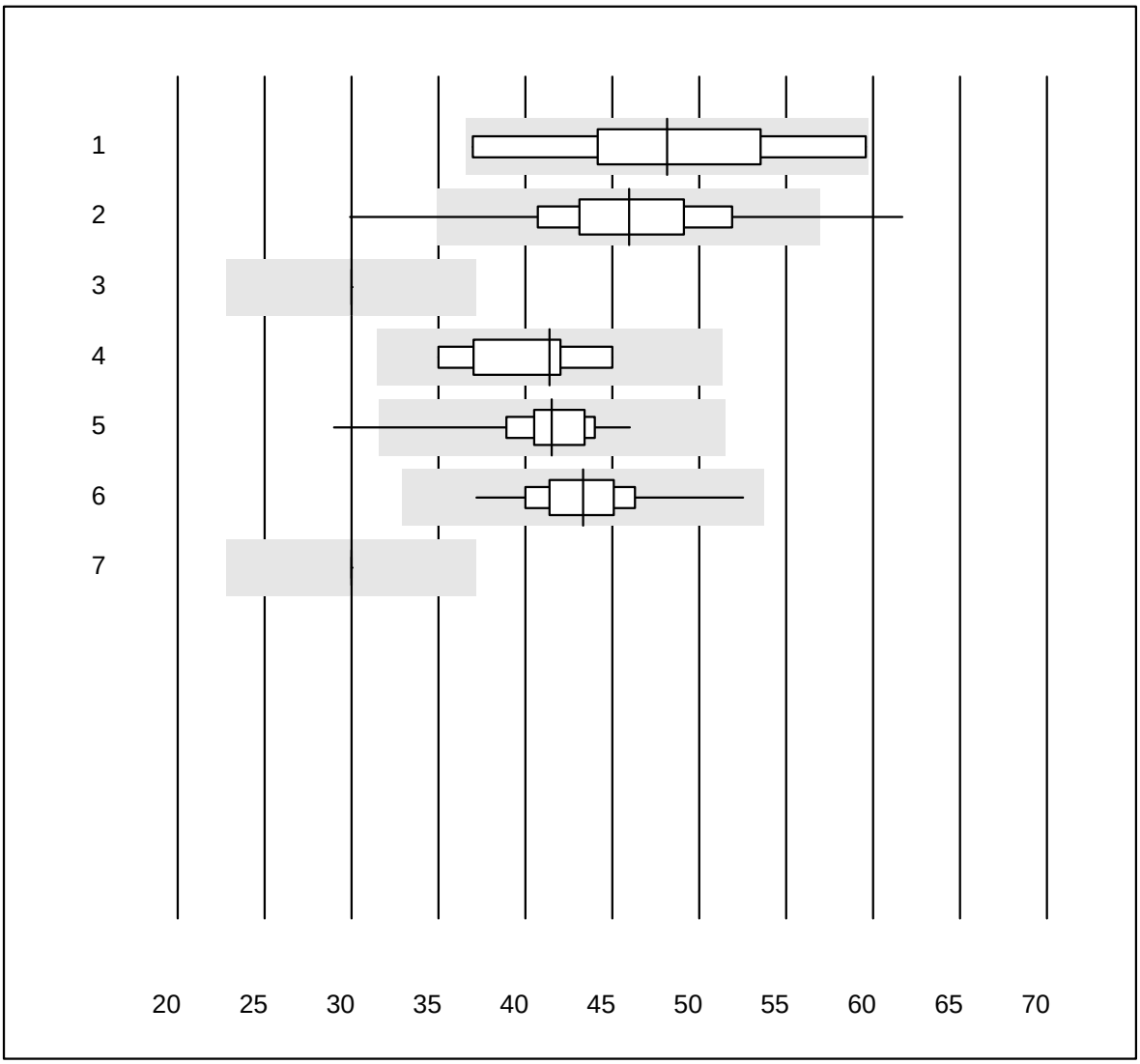


MQ tolerance : 5 %

Specific Gravity-Urine ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Refractometer	7	100.0	0.0	0.0	1.023	0.3	e

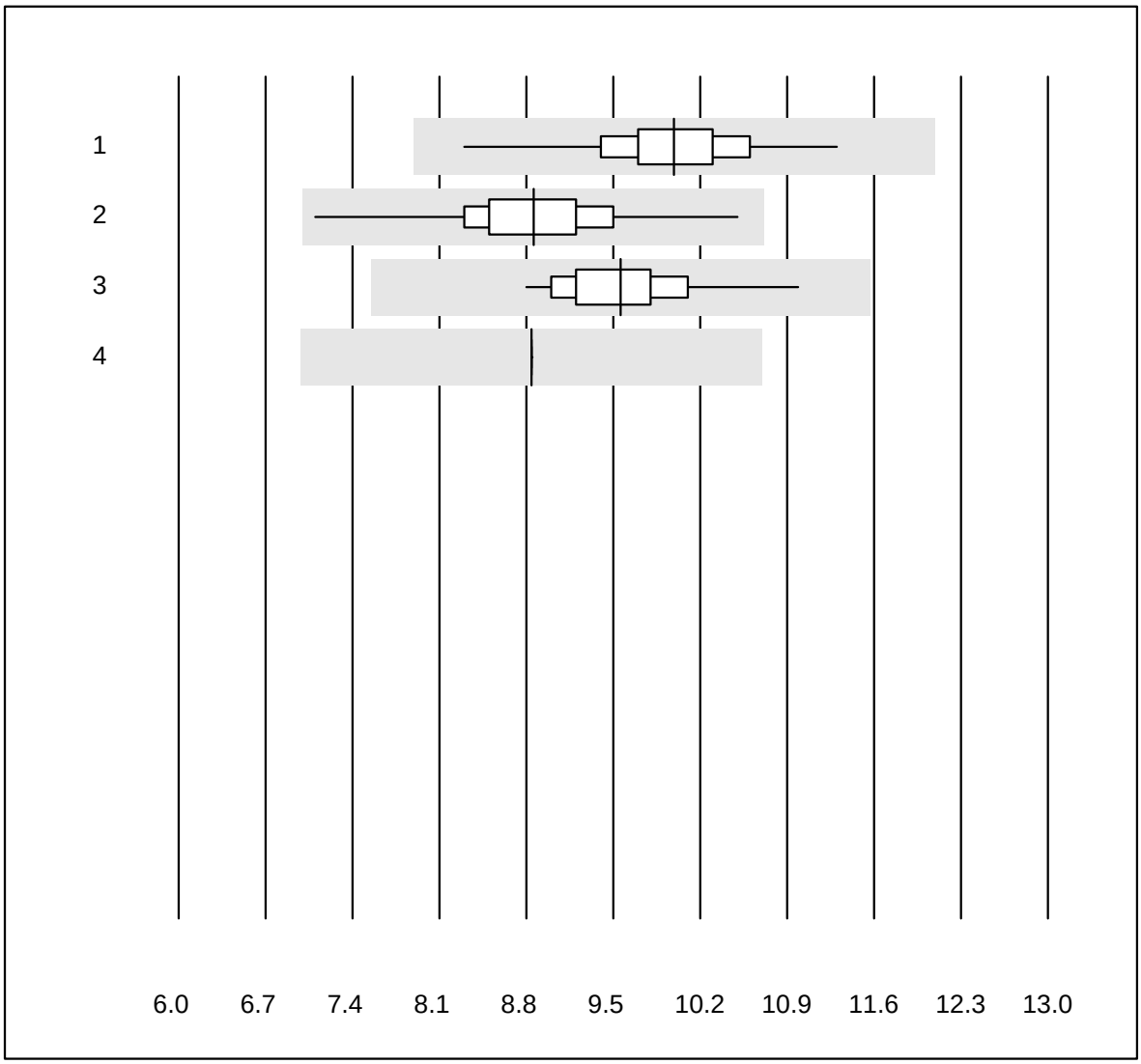
Creatinine U



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AFIAS	9	88.9	0.0	11.1	48.2	13.9	e*
2	Afinion	420	93.8	3.3	2.9	46.0	10.4	e
3	Other methods	4	25.0	0.0	75.0	30.0	0.0	a
4	NycoCard	6	83.3	0.0	16.7	41.4	10.0	a
5	Turbidimetry	21	95.2	4.8	0.0	41.5	8.2	e
6	DCA2000/Vantage	134	97.0	0.0	3.0	43.3	6.0	e
7	Siemens Clinitek	12	91.7	0.0	8.3	30.0	0.0	a

Creatinin Urin



QUALAB tolerance : 21 %

Creatinin Urin (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	DCA2000/Vantage	134	97.0	0.0	3.0	10.0	4.9	e
2	Afinion	420	98.6	0.0	1.4	8.9	5.7	e
3	Standard chemistry	36	100.0	0.0	0.0	9.6	5.0	e
4	Siemens Clinitek	12	41.7	0.0	58.3	8.8	0.0	a