

Verein für
Association pour le
Associazione per il



medizinische Qualitätskontrolle
contrôle de qualité médical
controllo di qualità medico

Survey Report

2018 - 4

Survey Specimens

The homogeneity and stability of all specimens were checked before and/or during shipment and no irregularities were noted. The suitability tests were performed by the laboratories of the Universitätsspital Zürich (University Hospital Zurich) (<http://www.uzl.usz.ch/>).

The following survey specimens were produced specifically for MQ by a sub-contractor:
B1 Strep A Test, B2 Uricult, H4 Parasitic Hematology, K14 tumor marker

Determination of target values

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

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

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

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

Uncertainty of the determined target values

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

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

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

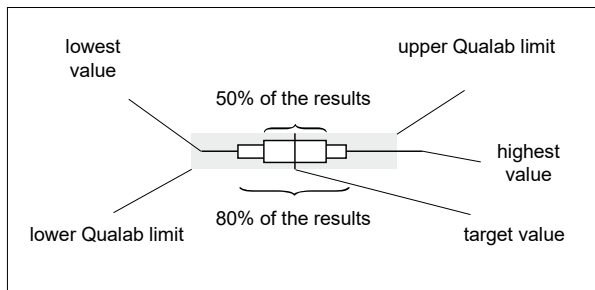
QUALAB and MQ tolerances

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

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

Graphics

The results are shown graphically as follows:



Comparison of Devices

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

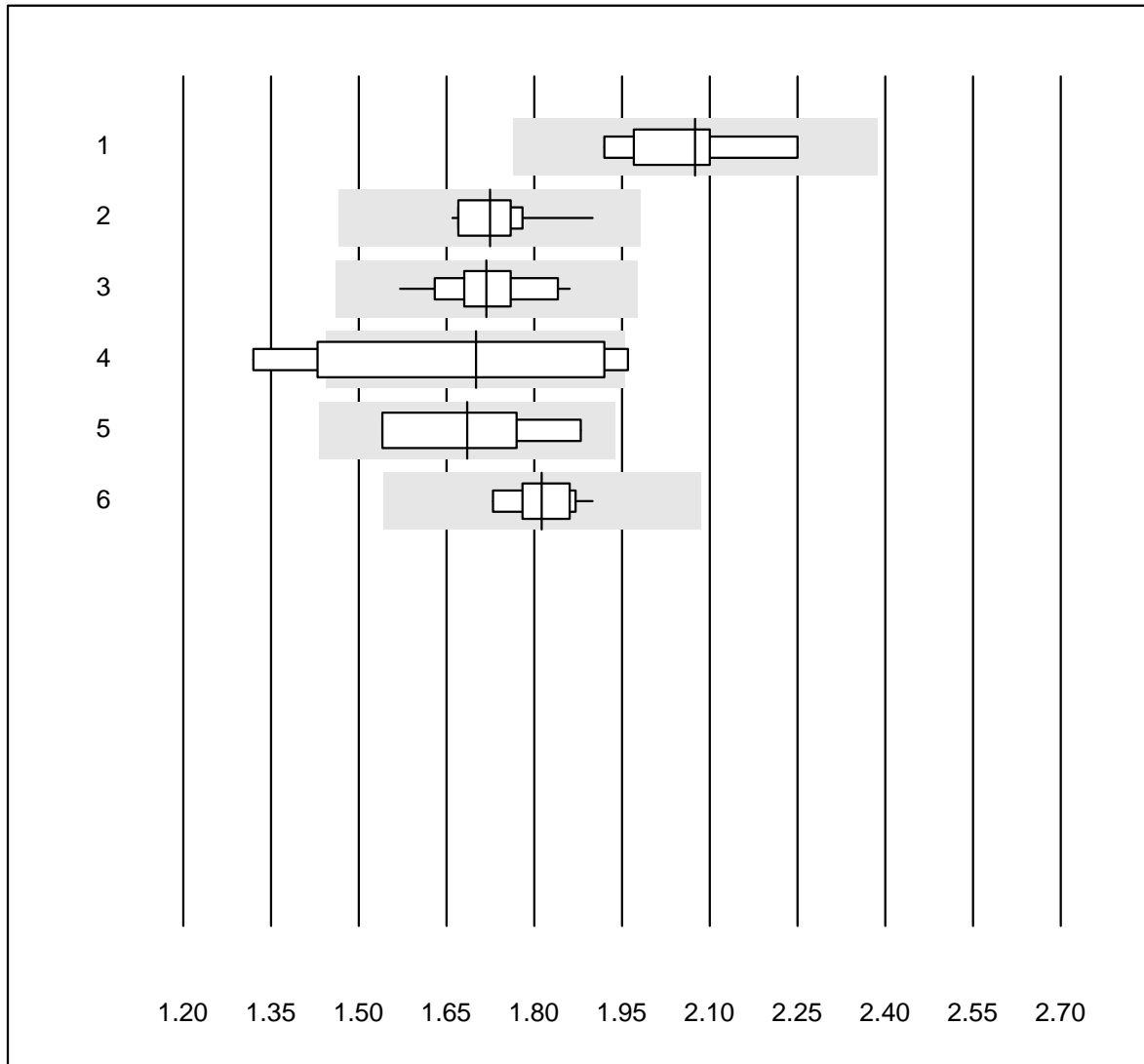
- The chemical control K1 is a ready-to-use commercial control serum. Even if the specimen is of human origin, it is possible that matrix effects occur. These are device-specific and result in different target values.
- Only one specimen was measured. Since the scatter of the results is dependent on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

Zürich, 10.12.2018

Dr. R. Fried
Survey Director

Publication of this report or any portion thereof without our prior written consent is not permitted. The original is archived at www.mqzh.ch

INR

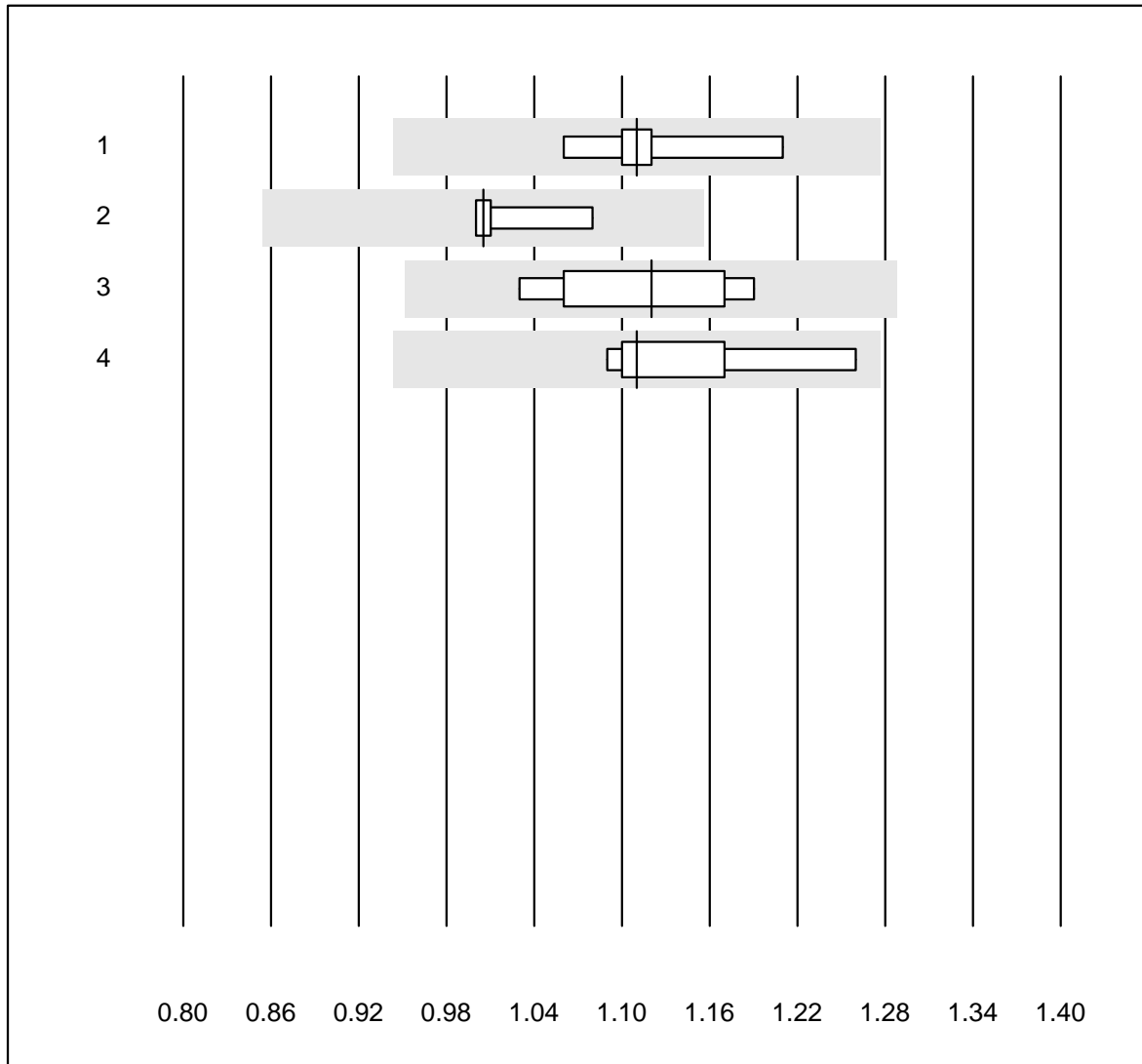


QUALAB tolerance : 15 %

INR ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin Plus	6	100.0	0.0	0.0	2.08	5.6	e*
2	Innovin	11	100.0	0.0	0.0	1.72	4.2	e
3	Recombiplastin 2G	18	100.0	0.0	0.0	1.72	4.1	e
4	Eurolyser	7	57.1	42.9	0.0	1.70	14.0	e*
5	Other methods	4	100.0	0.0	0.0	1.69	9.2	e*
6	Neoplastin R	10	100.0	0.0	0.0	1.81	2.8	e

Fibrinogen OA

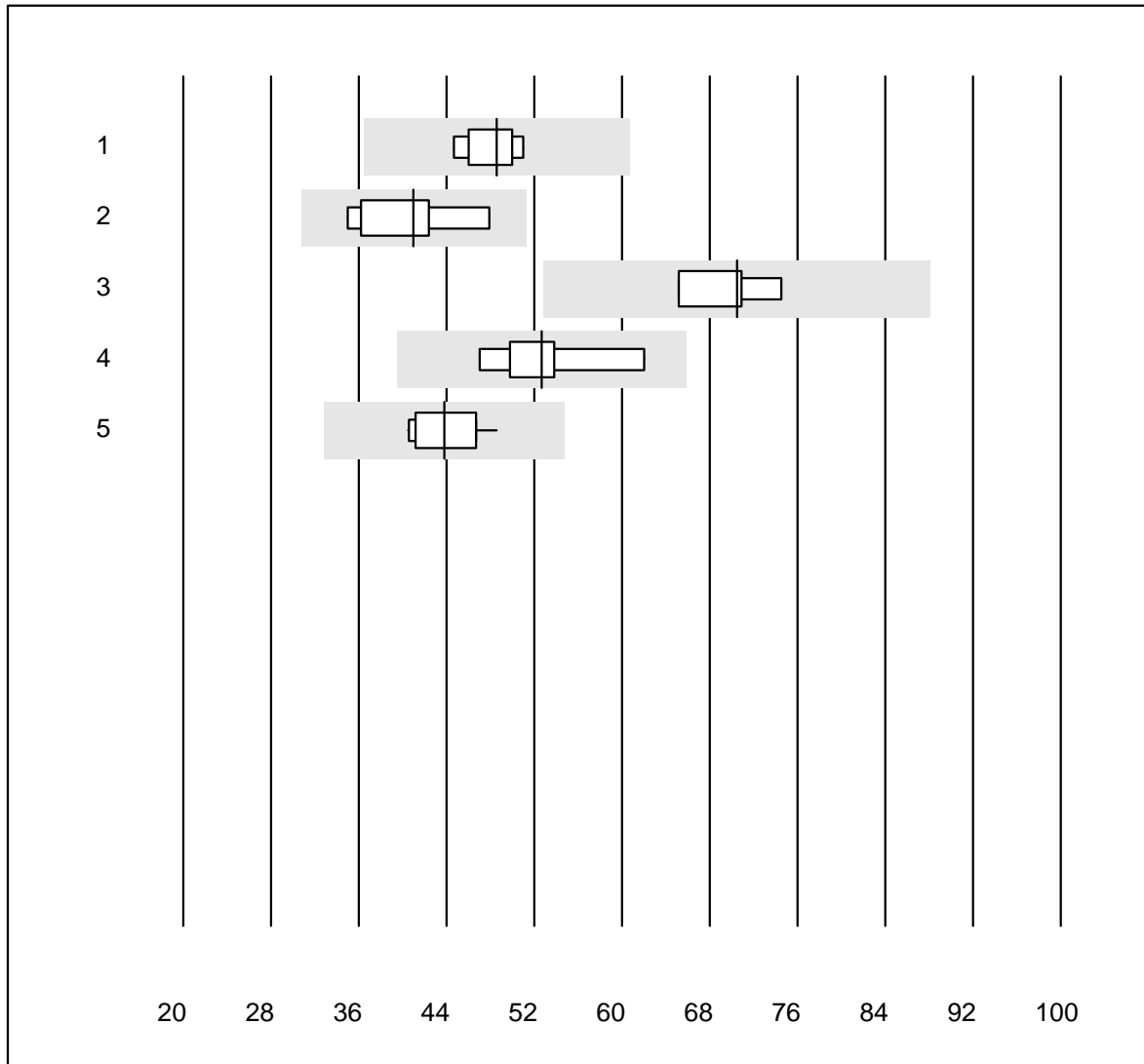


QUALAB tolerance : 15 %

Fibrinogen OA (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	7	100.0	0.0	0.0	1.11	4.0	e
2	Siemens Thrombin	4	100.0	0.0	0.0	1.01	3.8	e*
3	Stago/STA	10	100.0	0.0	0.0	1.12	5.3	e
4	Fibrinogen Q.F.A.	6	100.0	0.0	0.0	1.11	5.7	e*

Activated Prothrombin Time

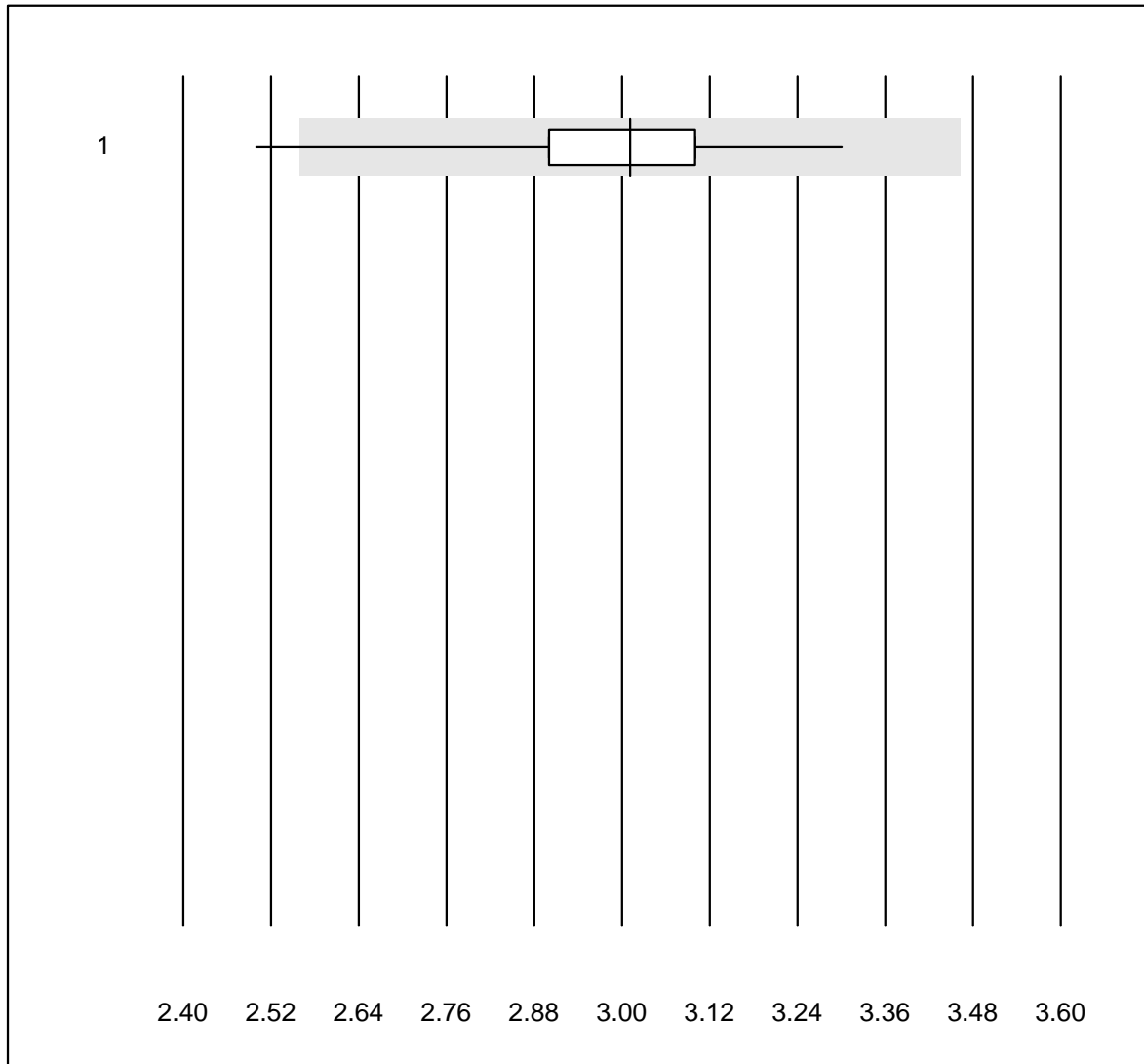


QUALAB tolerance : 25 %

Activated Prothrombin Time (Sek)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	5	100.0	0.0	0.0	48.6	5.5	e
2	Actin FS	7	100.0	0.0	0.0	41.0	10.5	e*
3	Pathromtin SL	4	100.0	0.0	0.0	70.5	5.5	e
4	Stago/STA	11	100.0	0.0	0.0	52.7	9.6	e
5	aPTT-SP	11	100.0	0.0	0.0	43.8	6.5	e

INR CoaguChek

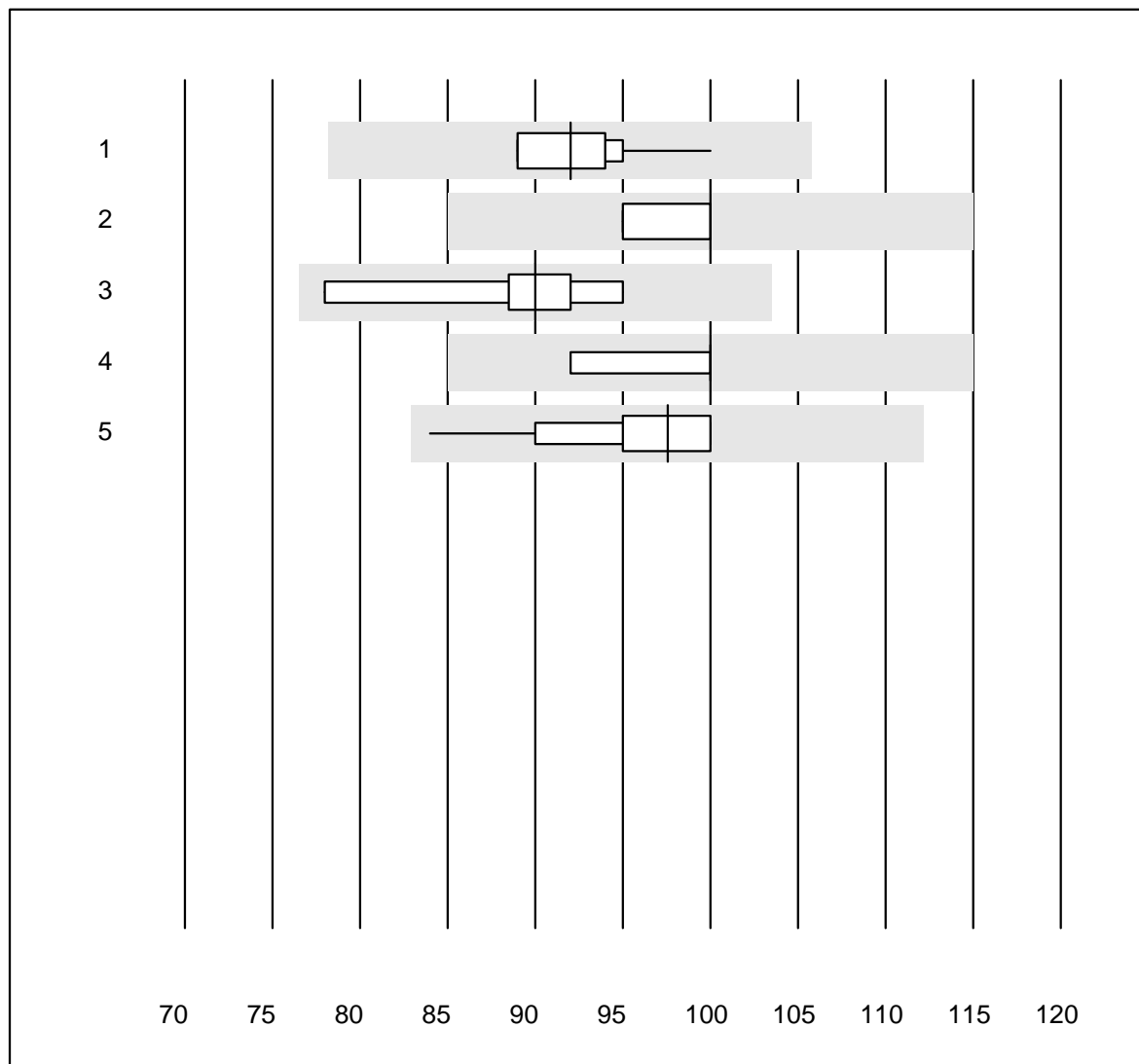


QUALAB tolerance : 15 %

INR CoaguChek ()

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	CoaguChek Pro II	344	98.5	0.3	1.2	3.0	3.8	e

Prothrombin time NT



QUALAB tolerance : 15 %

Prothrombin time NT (%)

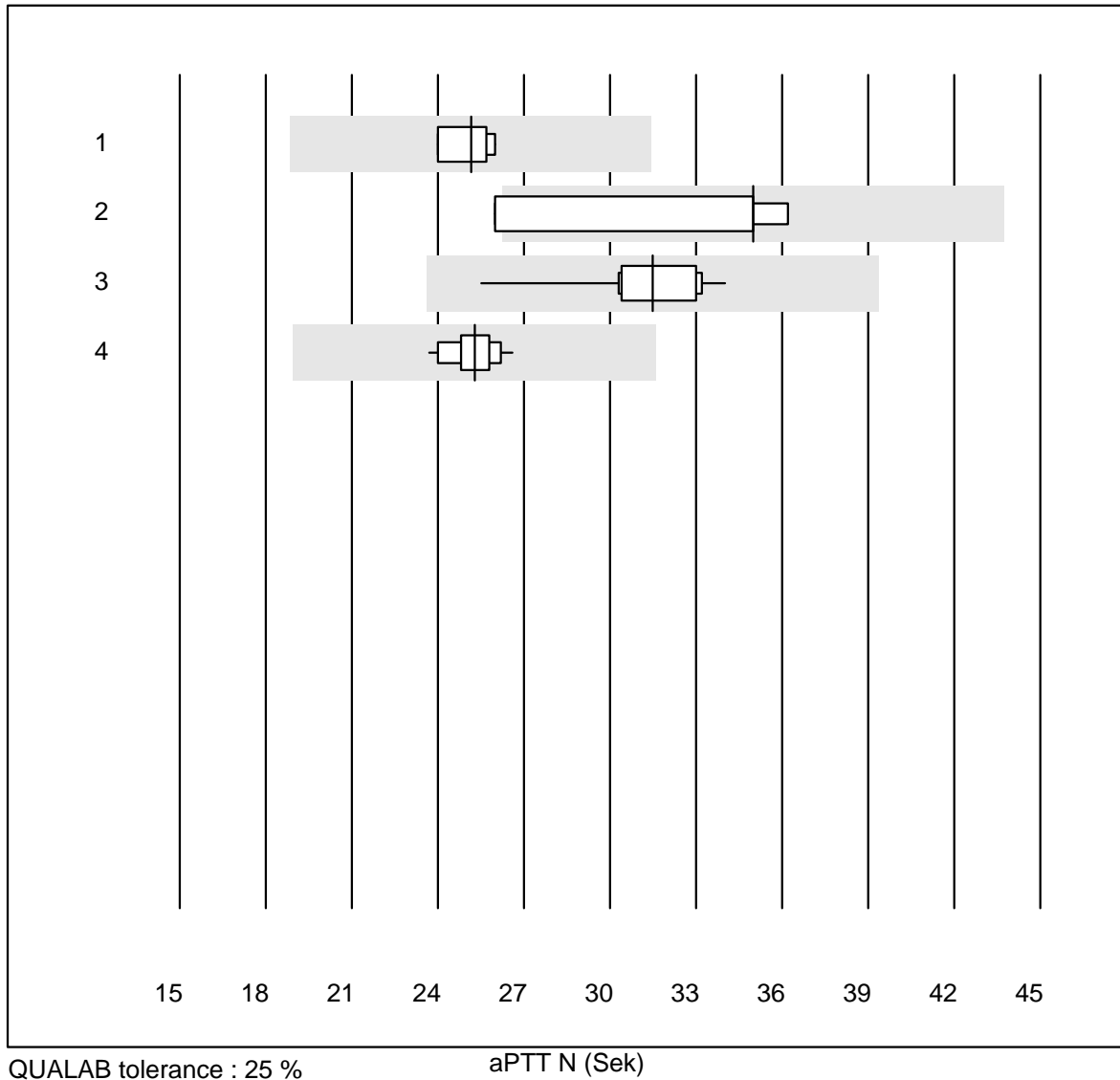
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	11	100.0	0.0	0.0	92	3.7	e
2	Neoplastin Plus	5	100.0	0.0	0.0	100	2.8	e
3	Innovin	9	100.0	0.0	0.0	90	5.5	e*
4	all Participants	5	100.0	0.0	0.0	100	3.6	e
5	Recombiplastin 2G	16	100.0	0.0	0.0	98	4.9	e

Fibrinogen N



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	8	100.0	0.0	0.0	2.39	6.0	e*
2	Stago/STA	14	100.0	0.0	0.0	2.62	4.2	e
3	Fibrinogen Q.F.A.	11	100.0	0.0	0.0	2.50	4.9	e
4	Fib Clauss (IL)	5	100.0	0.0	0.0	2.42	7.4	e*

aPTT N

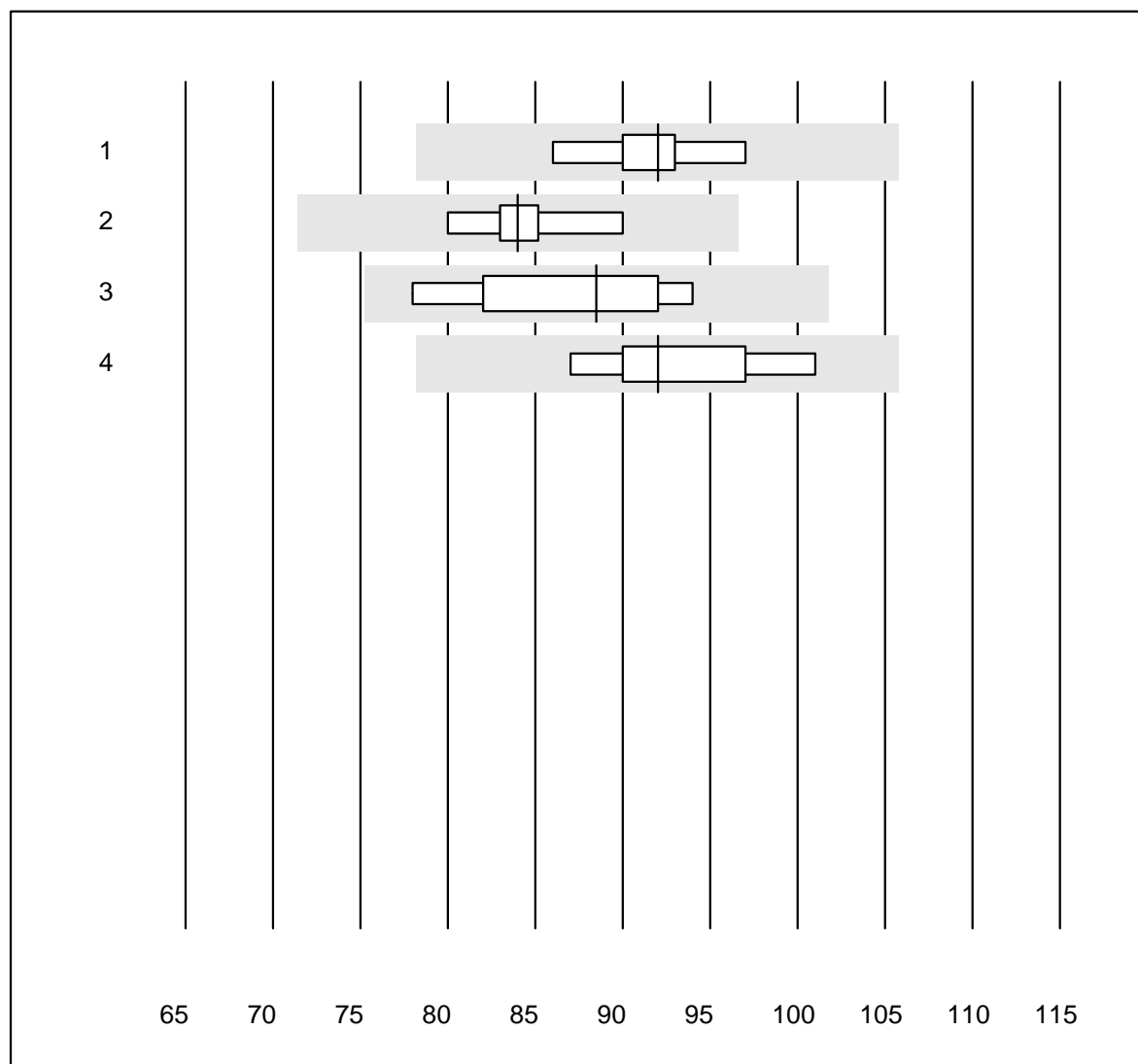


QUALAB tolerance : 25 %

aPTT N (Sek)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	4	100.0	0.0	0.0	25.2	3.7	e
2	Other methods	4	75.0	25.0	0.0	35.0	14.3	e*
3	Stago/STA	14	100.0	0.0	0.0	31.5	6.6	e
4	aPTT-SP	17	100.0	0.0	0.0	25.3	3.2	e

Prothrombin time HT

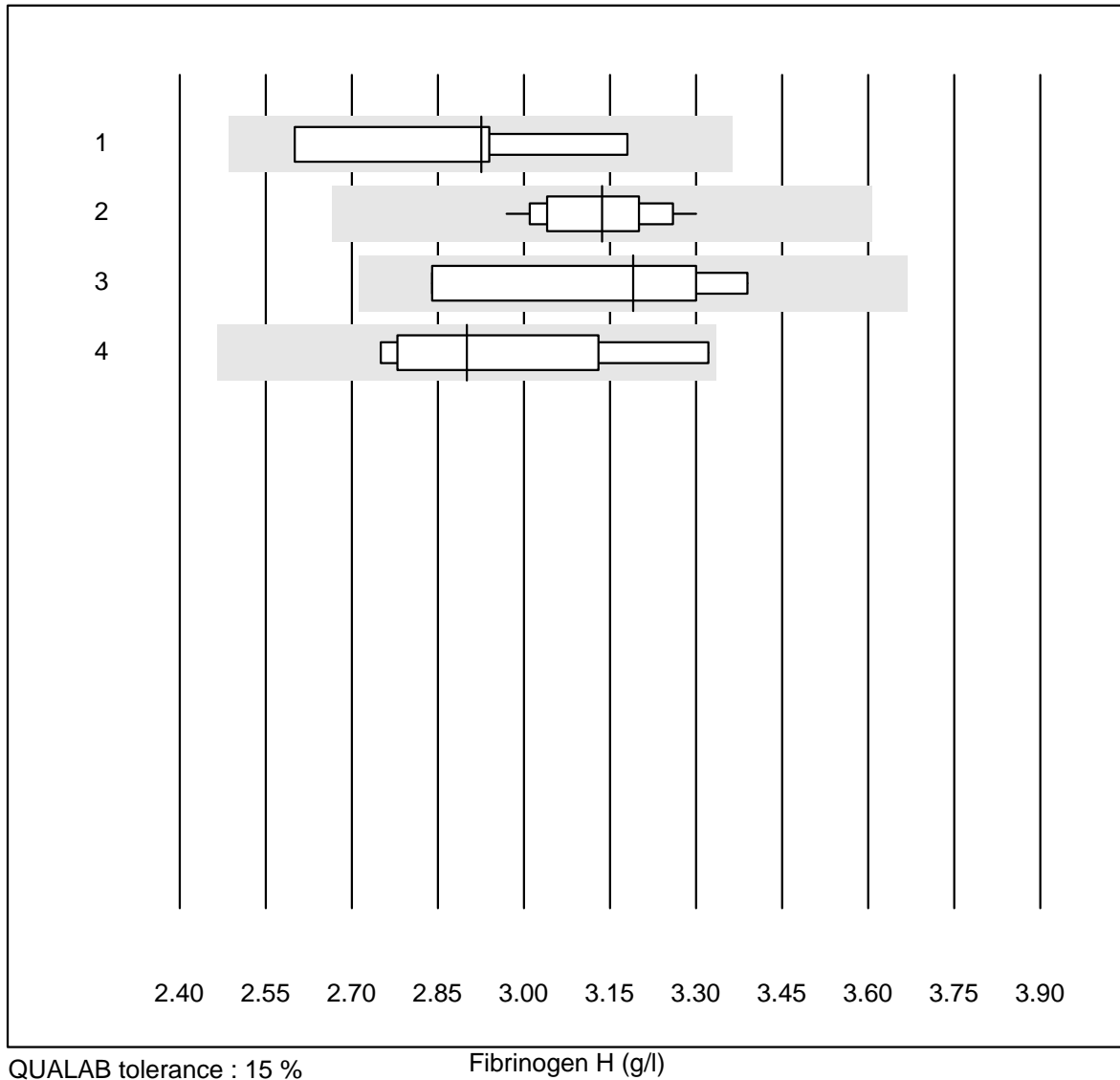


QUALAB tolerance : 15 %

Prothrombin time HT (%)

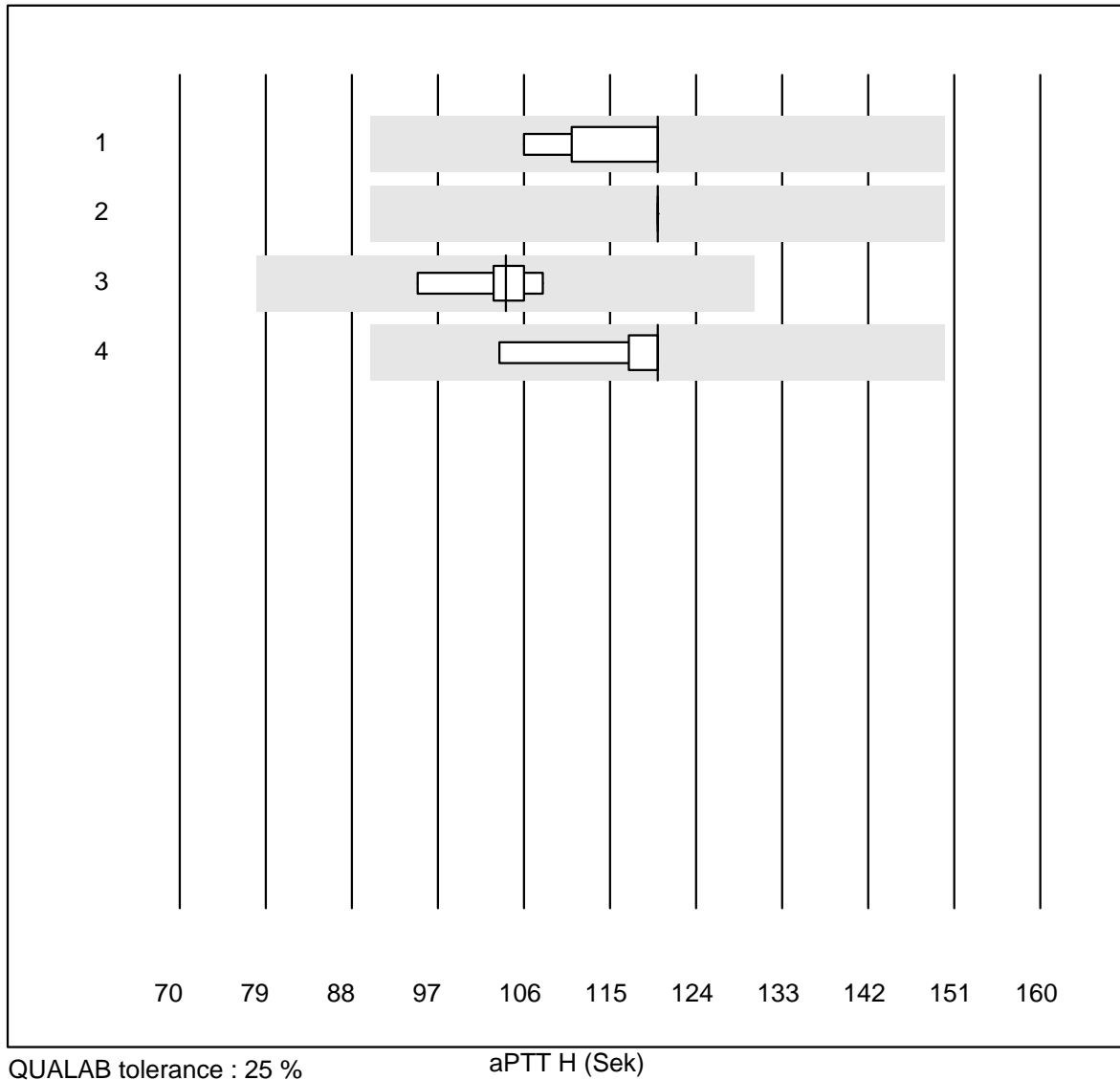
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	9	100.0	0.0	0.0	92	3.7	e
2	Innovin	5	100.0	0.0	0.0	84	4.3	e*
3	all Participants	8	100.0	0.0	0.0	89	6.5	e*
4	Recombiplastin 2G	9	100.0	0.0	0.0	92	5.8	e*

Fibrinogen H



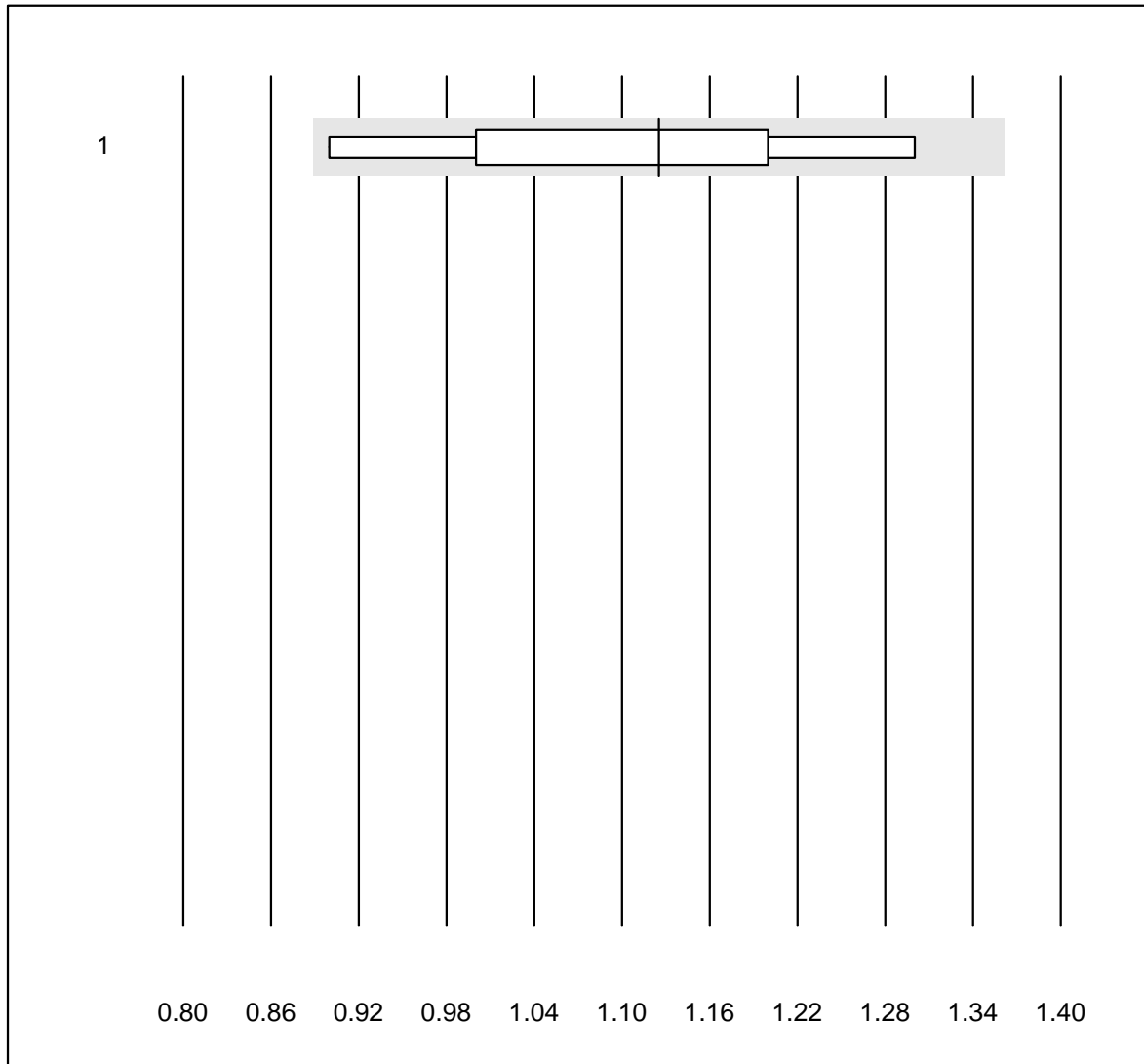
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	4	100.0	0.0	0.0	2.93	8.2	e*
2	Stago/STA	11	100.0	0.0	0.0	3.14	3.2	e
3	Fibrinogen Q.F.A.	4	100.0	0.0	0.0	3.19	7.8	e*
4	Fib Clauss (IL)	7	100.0	0.0	0.0	2.90	6.8	e*

aPTT H



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	7	100.0	0.0	0.0	120.0	4.8	e
2	Other methods	4	100.0	0.0	0.0	120.0	0.0	e
3	Stago/STA	7	100.0	0.0	0.0	104.1	4.0	e
4	aPTT-SP	7	100.0	0.0	0.0	120.0	5.3	e

D-Dimer NC

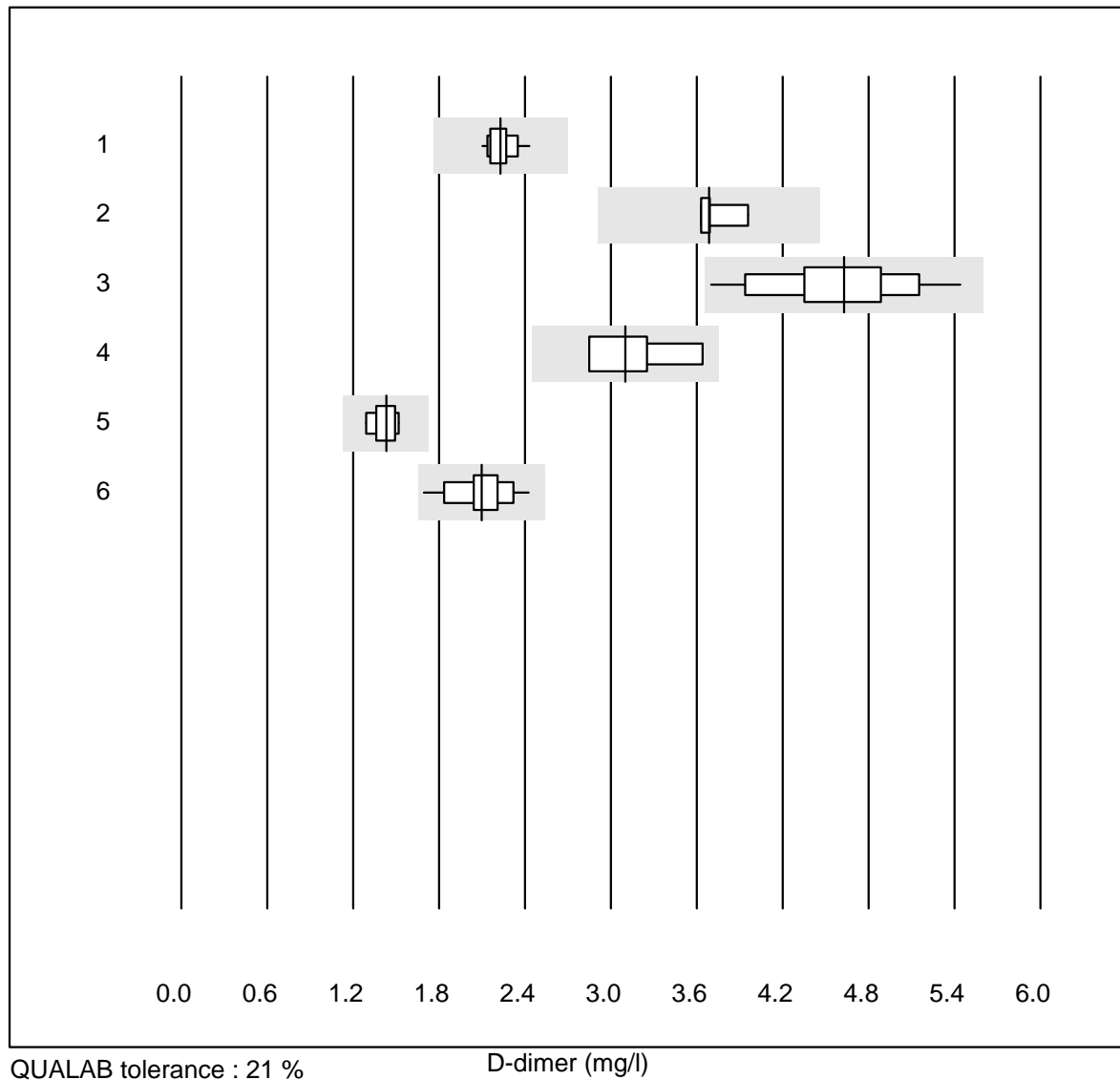


QUALAB tolerance : 21 %

D-Dimer NC (mg/l)

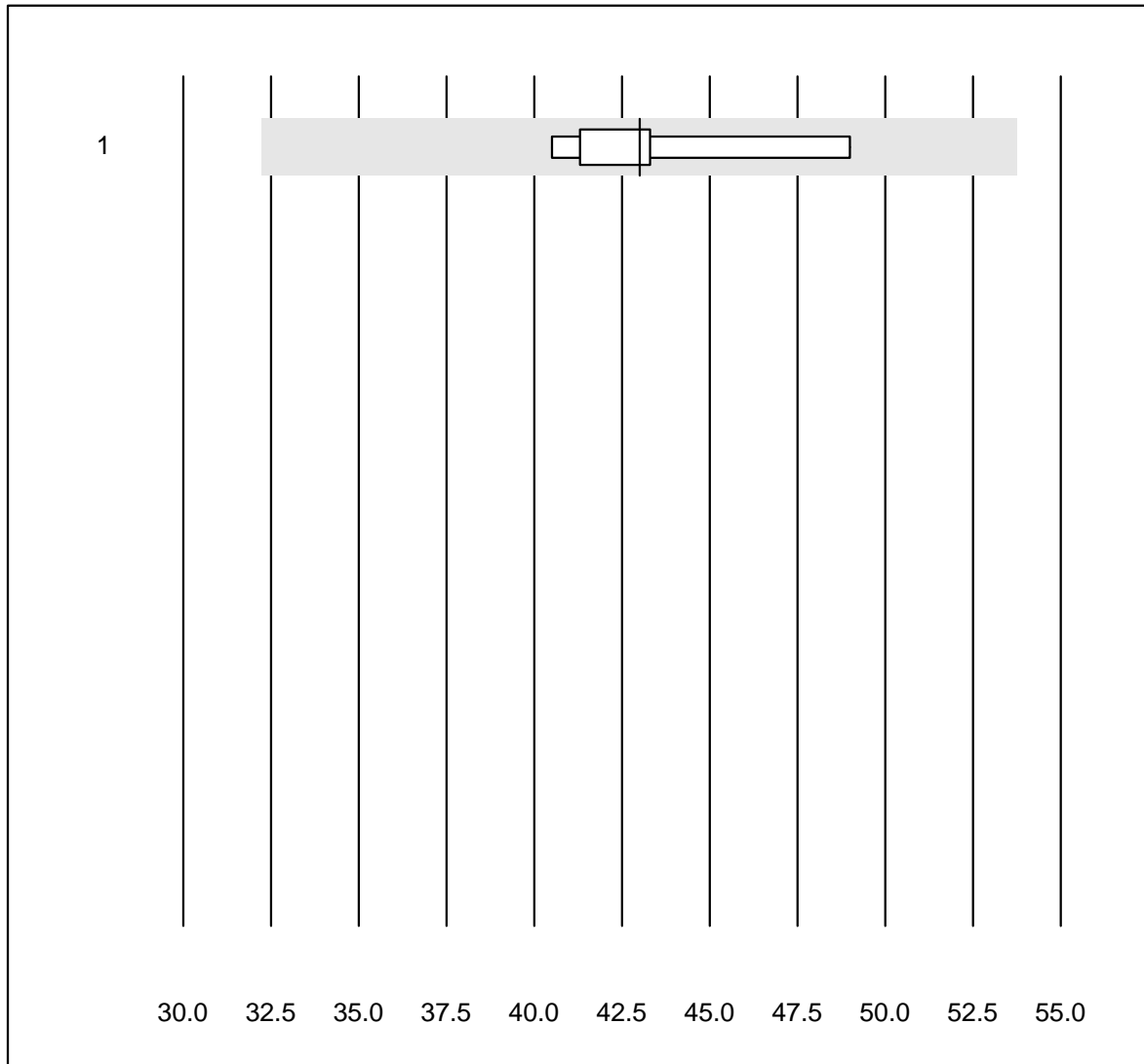
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	NycoCard	14	85.7	0.0	14.3	1.13	12.1	e*

D-dimer



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	STA Liatest	11	100.0	0.0	0.0	2.23	4.3	e
2	Siemens Innovance	4	100.0	0.0	0.0	3.69	4.0	e
3	Eurolyser	16	81.2	0.0	18.8	4.63	10.4	e*
4	ACL	4	100.0	0.0	0.0	3.10	11.2	e*
5	AQT 90 FLEX	7	100.0	0.0	0.0	1.43	5.9	e
6	VIDAS	18	100.0	0.0	0.0	2.10	8.4	e

CoaguChek APTT

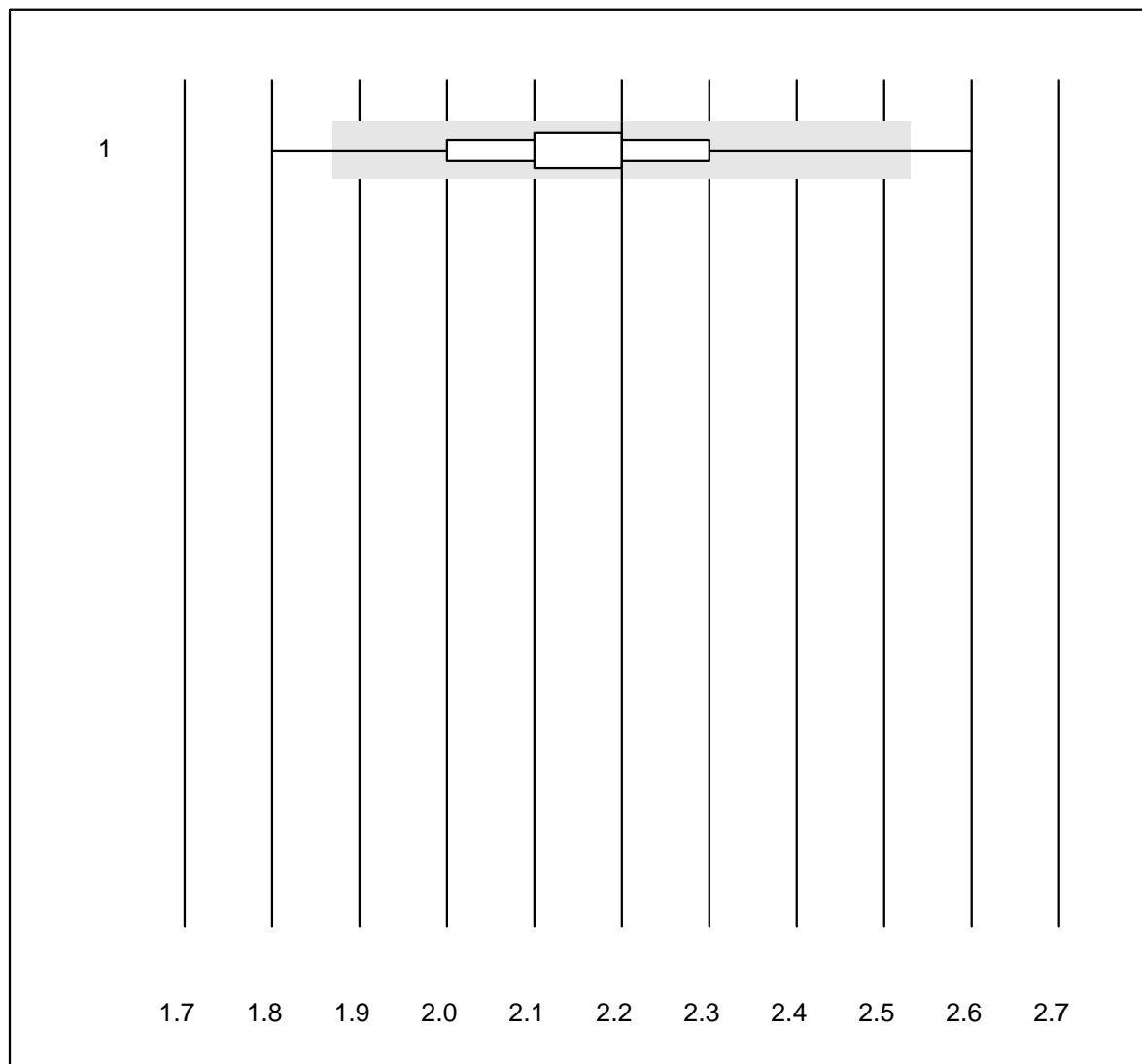


QUALAB tolerance : 25 %

CoaguChek APTT (Sek)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	CoaguChek Pro II	9	100.0	0.0	0.0	43.0	6.4	e

INR CCXS

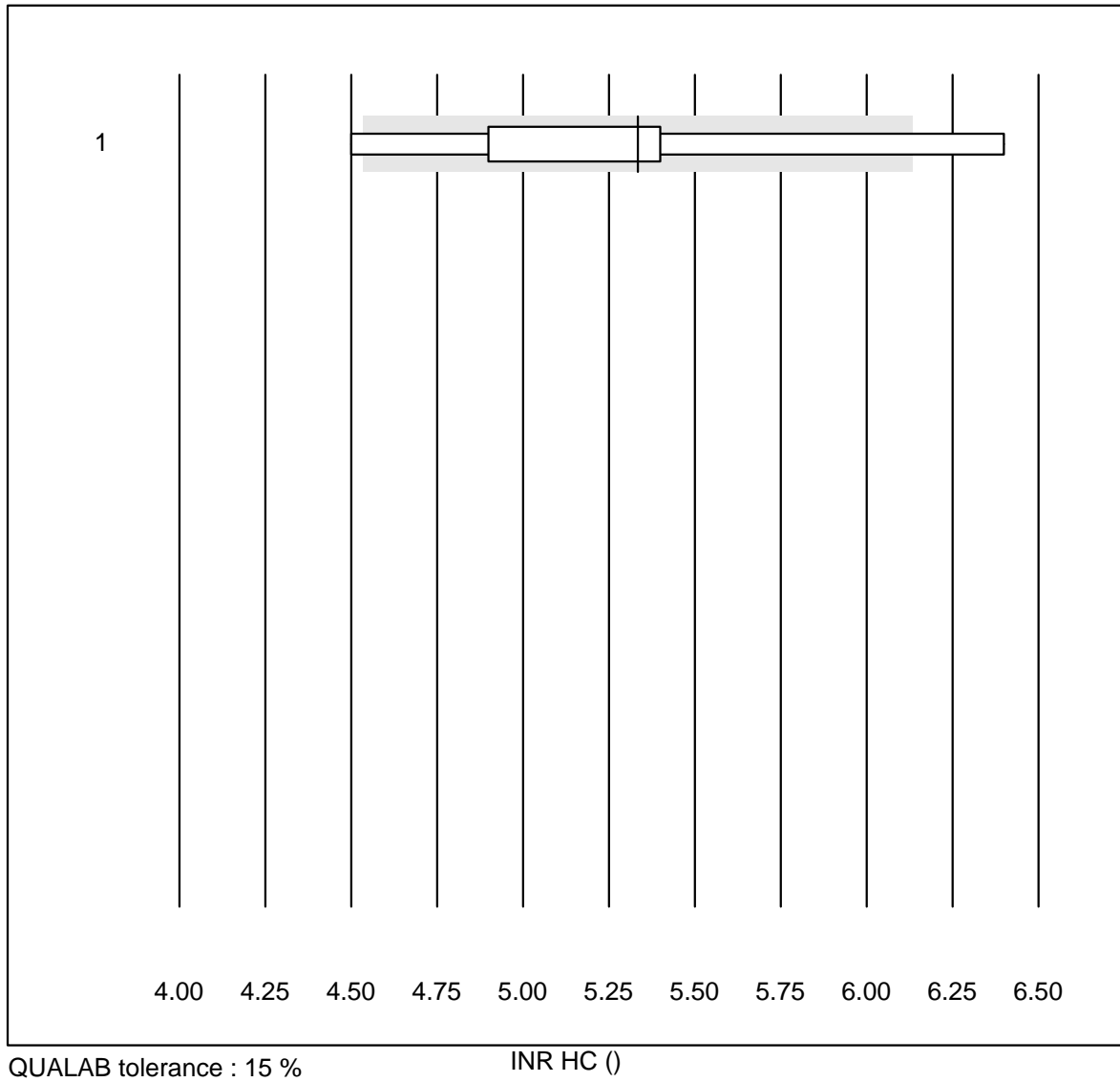


QUALAB tolerance : 15 %

INR CCXS ()

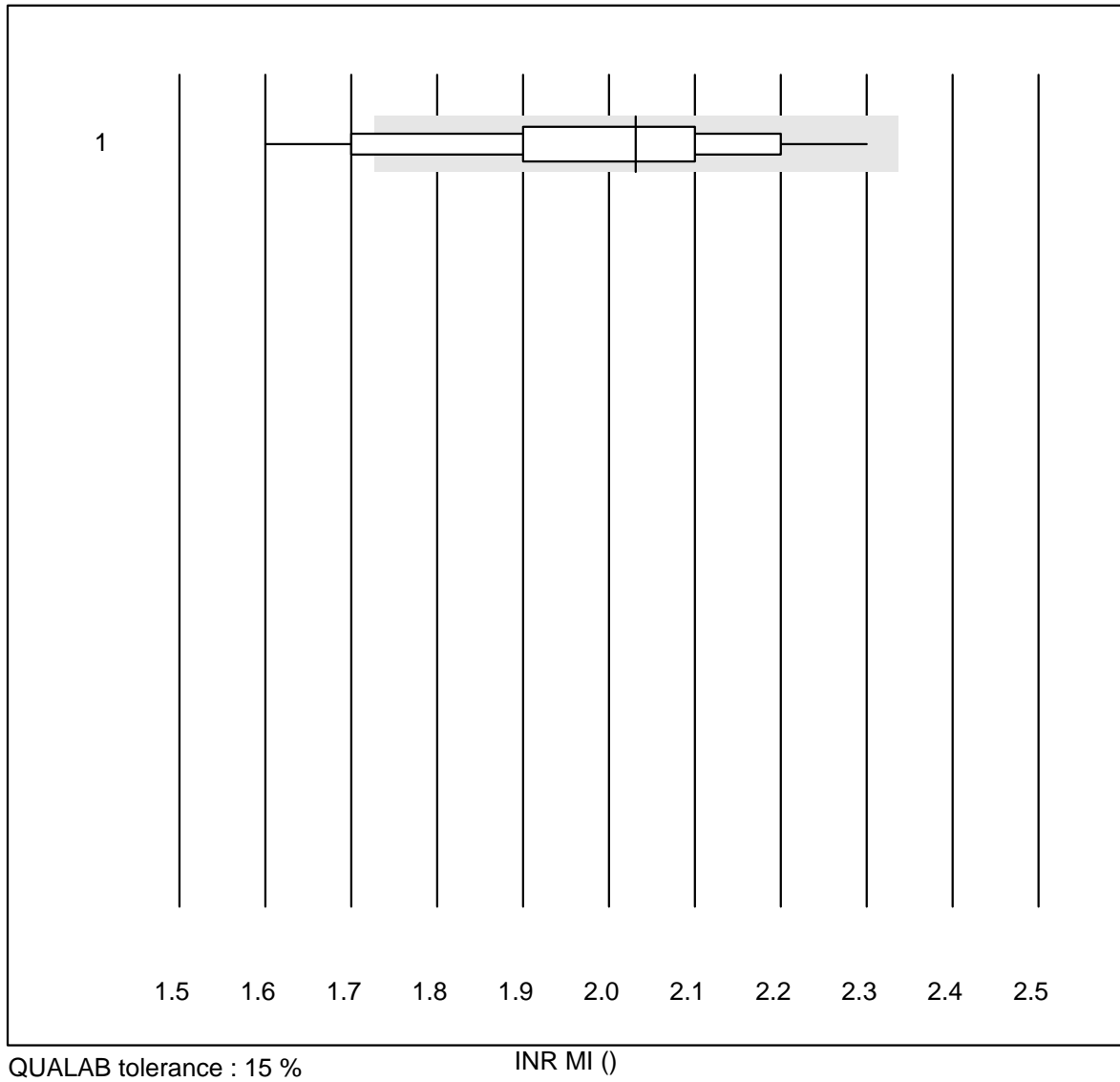
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CoaguChek XS	2038	99.1	0.5	0.4	2.2	4.5	e

INR HC



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Hemochron j.	10	70.0	20.0	10.0	5.3	10.6	e*

INR MI

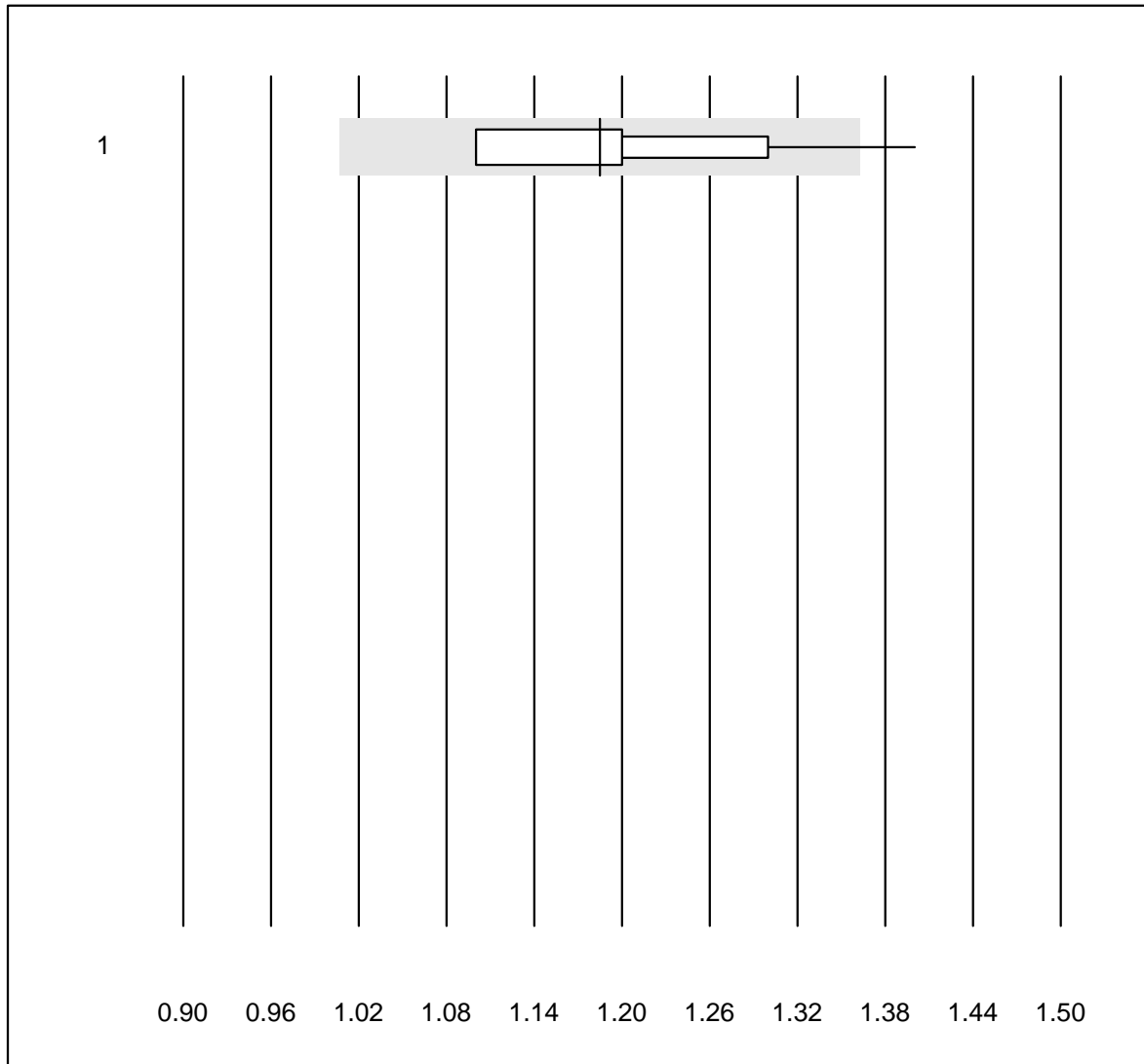


QUALAB tolerance : 15 %

INR MI ()

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	MicroINR	109	78.9	9.2	11.9	2.0	8.3	e

INR Xprecia

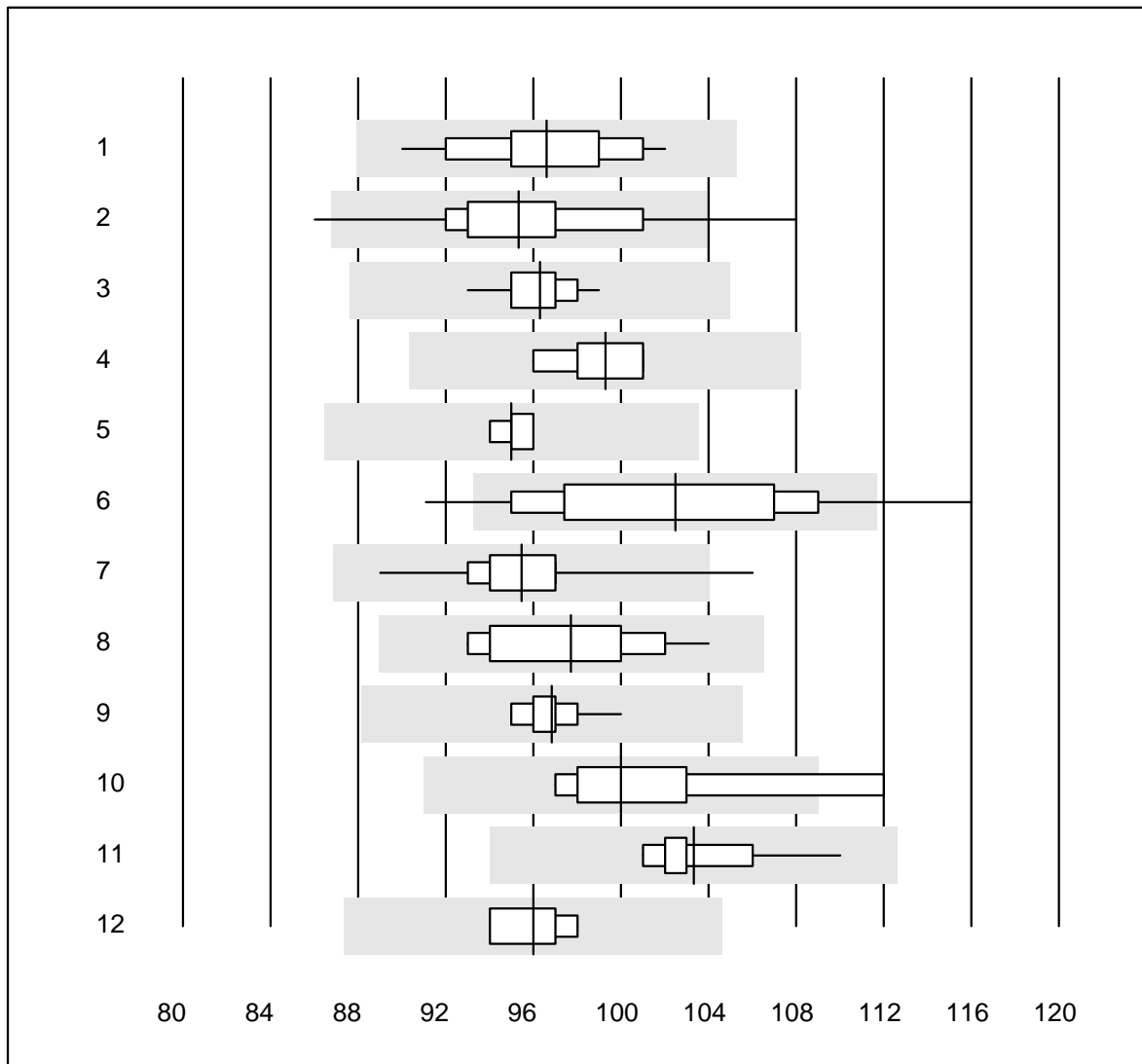


QUALAB tolerance : 15 %
(< 1.3: +/- 0.2)

INR Xprecia ()

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Xprecia	60	98.3	1.7	0.0	1.2	5.6	e

Hemoglobin

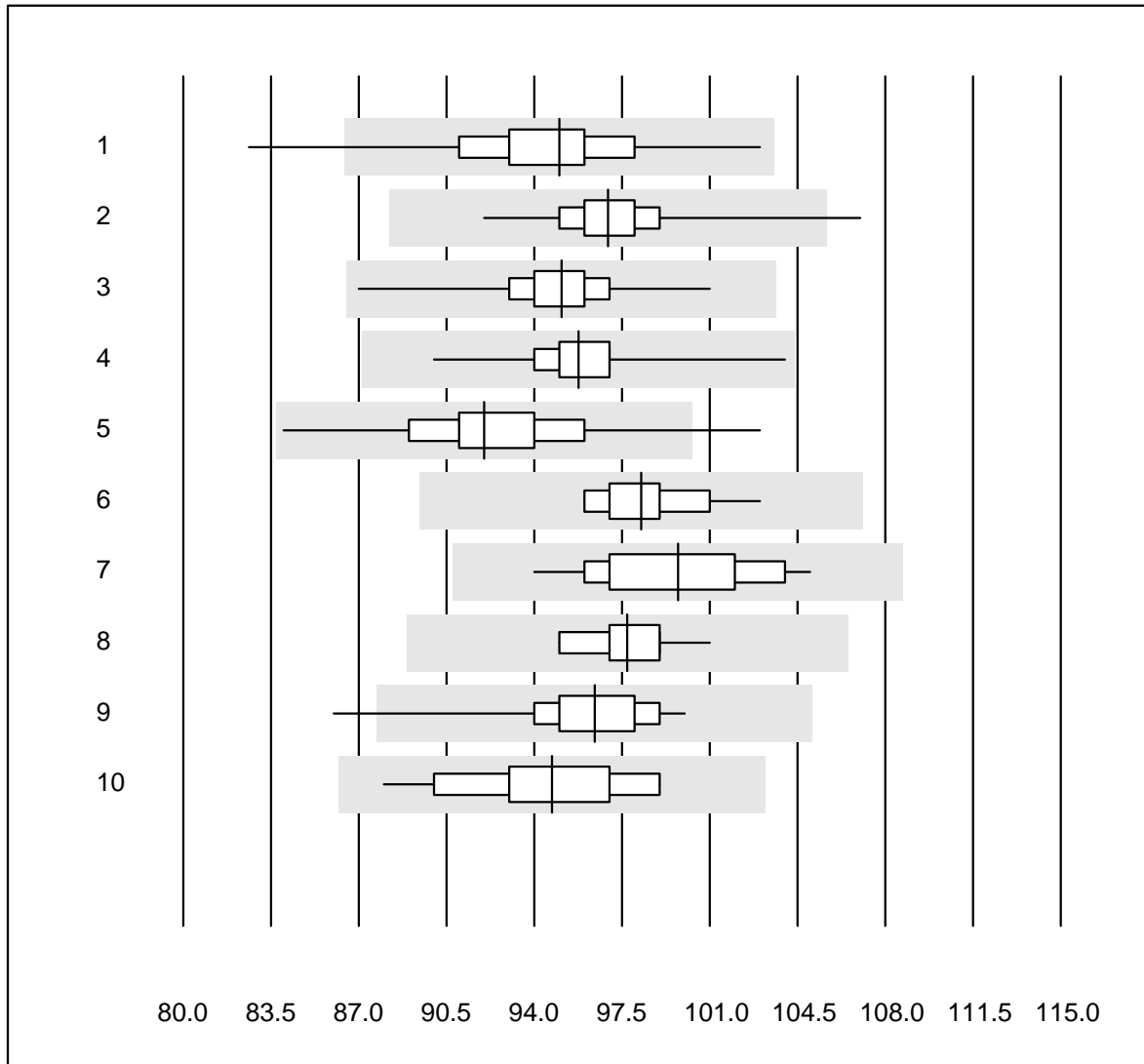


QUALAB tolerance : 9 %

Hemoglobin (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	30	96.7	0.0	3.3	96.6	3.2	e
2	Cyanmethemoglobin	36	86.1	8.3	5.6	95.3	4.4	e
3	Sysmex X	41	97.6	0.0	2.4	96.3	1.5	e
4	Advia 120	10	100.0	0.0	0.0	99.3	1.6	e
5	ABX Pentra	9	100.0	0.0	0.0	95.0	0.7	e
6	Reflotron	50	84.0	6.0	10.0	102.5	5.6	e
7	Hemocue	374	95.0	0.5	4.5	95.4	2.3	e
8	Dr. Lange	14	71.4	0.0	28.6	97.7	3.7	e
9	Hemocontrol	13	92.3	0.0	7.7	96.8	1.4	e
10	Eurolyser	8	75.0	12.5	12.5	100.0	5.0	e*
11	DiaSpect	12	100.0	0.0	0.0	103.3	2.4	e
12	MS4	4	100.0	0.0	0.0	96.0	1.9	e

Hemoglobin

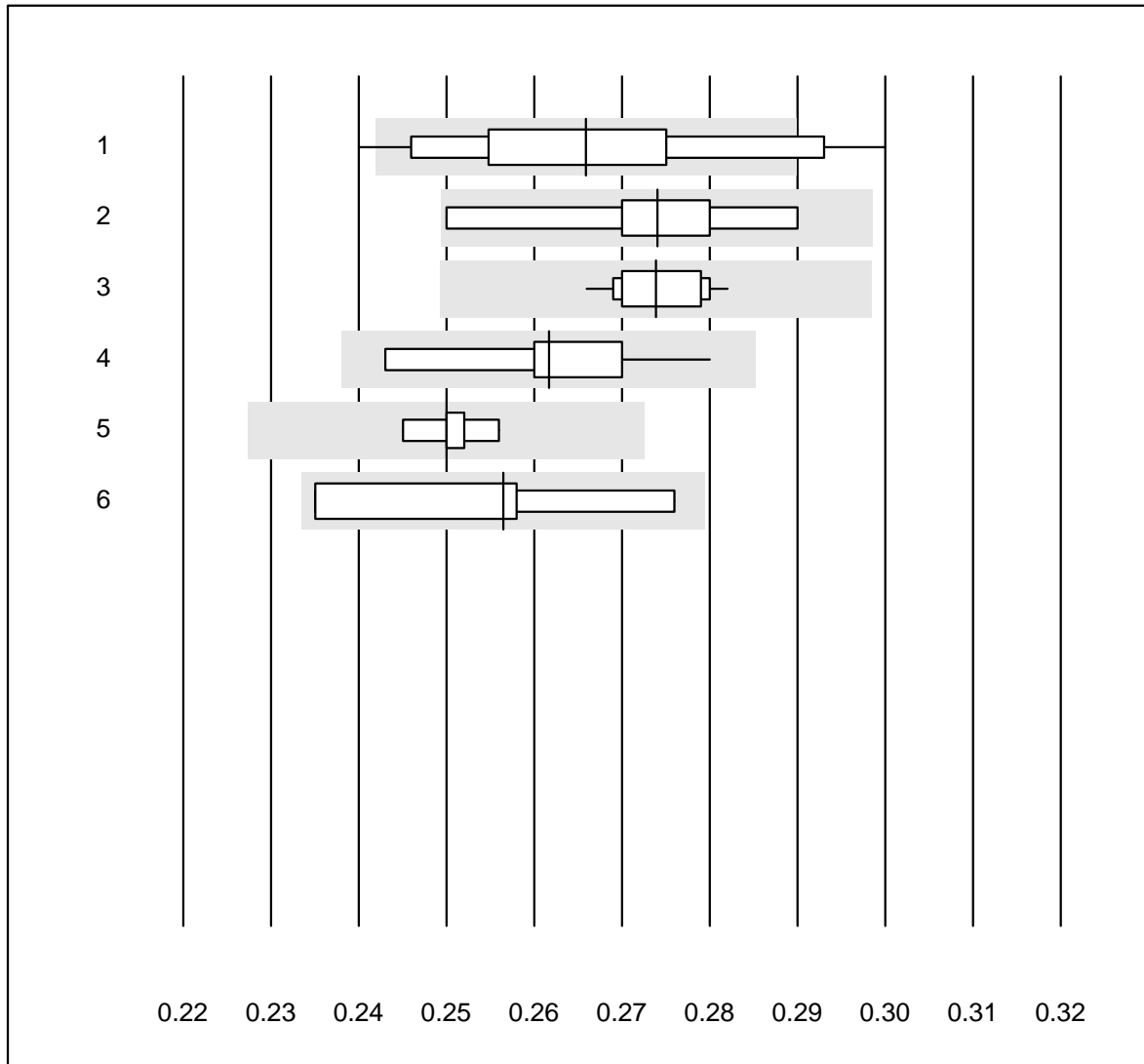


QUALAB tolerance : 9 %

Hemoglobin (g/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Micros 60	231	96.5	0.9	2.6	95.0	3.0	e
2	Sysmex KX21	306	98.1	0.3	1.6	97.0	1.7	e
3	Sysmex Poch - 100i	199	98.0	0.0	2.0	95.1	2.1	e
4	Sysmex XP 300	460	97.6	0.0	2.4	95.8	1.6	e
5	Mythic	274	97.4	0.4	2.2	92.0	3.0	e
6	Swelab	48	97.9	0.0	2.1	98.3	1.8	e
7	Abacus Junior	11	100.0	0.0	0.0	99.7	3.3	e
8	Medonic	10	100.0	0.0	0.0	97.7	1.7	e
9	Celltac Alpha (Nihon	79	94.9	1.3	3.8	96.4	2.3	e
10	Samsung HC10	40	100.0	0.0	0.0	94.7	3.2	e

Hematocrit

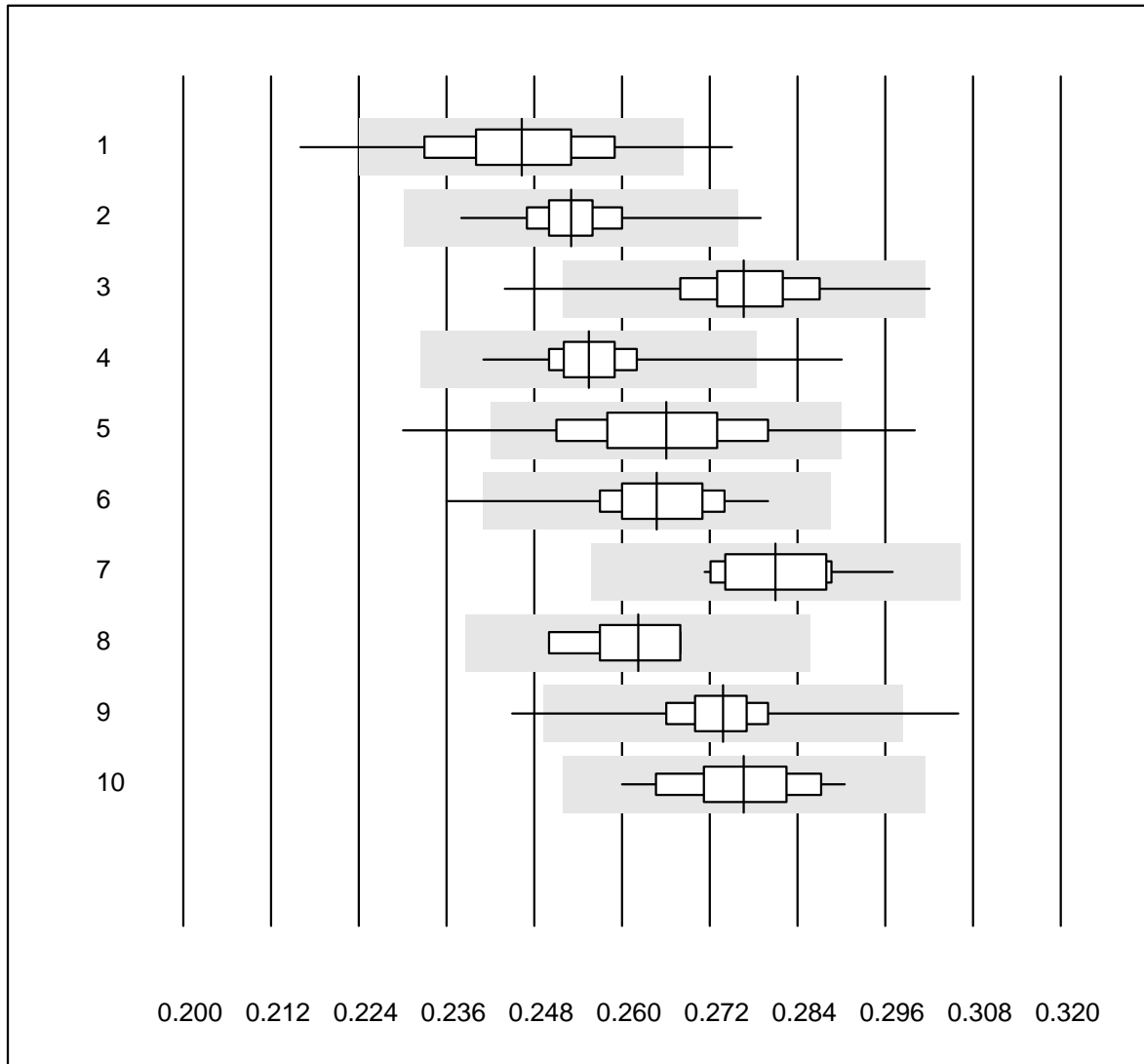


QUALAB tolerance : 9 %

Hematocrit (l/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	24	75.0	20.8	4.2	0.27	6.5	e*
2	Centrifuge	10	100.0	0.0	0.0	0.27	4.6	e*
3	Sysmex X	41	100.0	0.0	0.0	0.27	1.7	e
4	Advia 120	10	100.0	0.0	0.0	0.26	4.0	e*
5	ABX Pentra	9	100.0	0.0	0.0	0.25	1.3	e
6	MS4	4	100.0	0.0	0.0	0.26	6.6	e*

Hematocrit

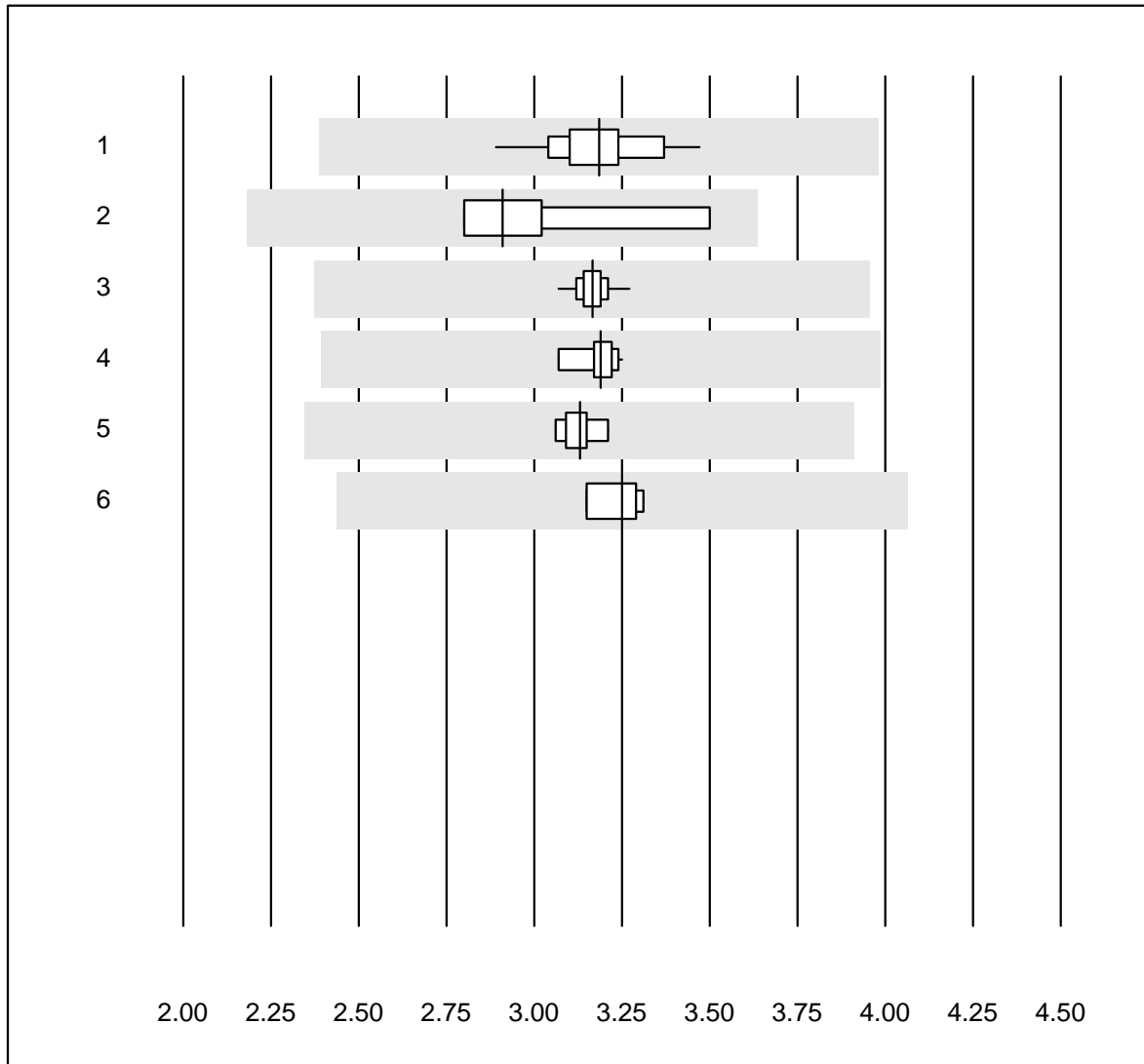


QUALAB tolerance : 9 %

Hematocrit (l/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Micros 60	231	91.3	3.5	5.2	0.25	4.2	e
2	Sysmex KX21	305	97.7	0.3	2.0	0.25	2.1	e
3	Sysmex PochH - 100i	199	93.5	3.5	3.0	0.28	3.3	e
4	Sysmex XP 300	462	97.4	0.4	2.2	0.26	2.2	e
5	Mythic	274	94.9	3.3	1.8	0.27	4.3	e
6	Swelab	48	97.9	2.1	0.0	0.26	3.2	e
7	Abacus Junior	11	100.0	0.0	0.0	0.28	2.8	e
8	Medonic	10	100.0	0.0	0.0	0.26	2.5	e
9	Celltac Alpha (Nihon	79	93.7	2.5	3.8	0.27	2.8	e
10	Samsung HC10	42	100.0	0.0	0.0	0.28	3.0	e

Erythrocytes

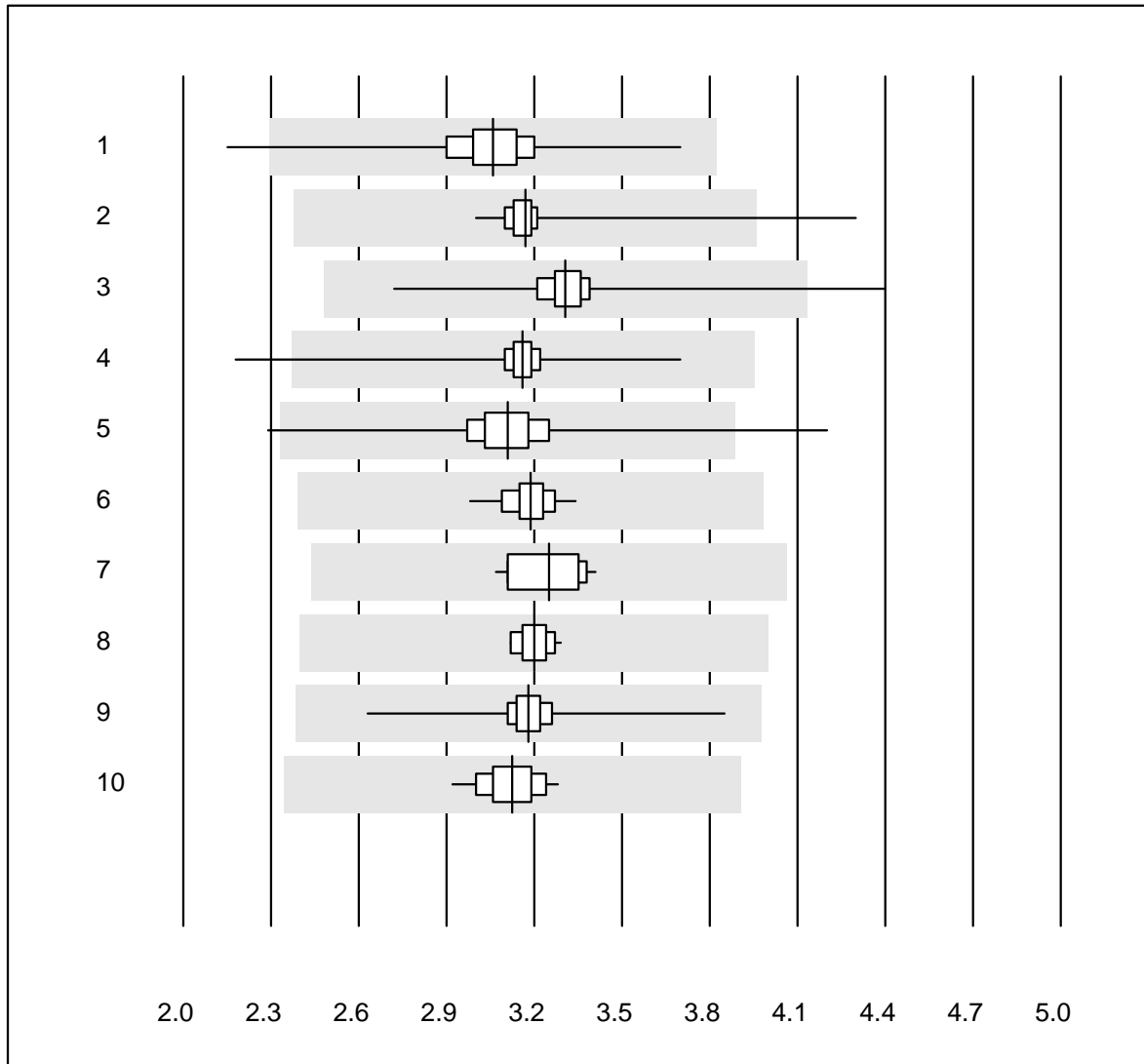


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	24	100.0	0.0	0.0	3.19	4.4	e
2	Microscopic	5	100.0	0.0	0.0	2.91	9.7	e*
3	Sysmex X	41	100.0	0.0	0.0	3.17	1.4	e
4	Advia 120	10	100.0	0.0	0.0	3.19	1.9	e
5	ABX Pentra	9	100.0	0.0	0.0	3.13	1.4	e
6	MS4	4	100.0	0.0	0.0	3.25	2.3	e

Erythrocytes

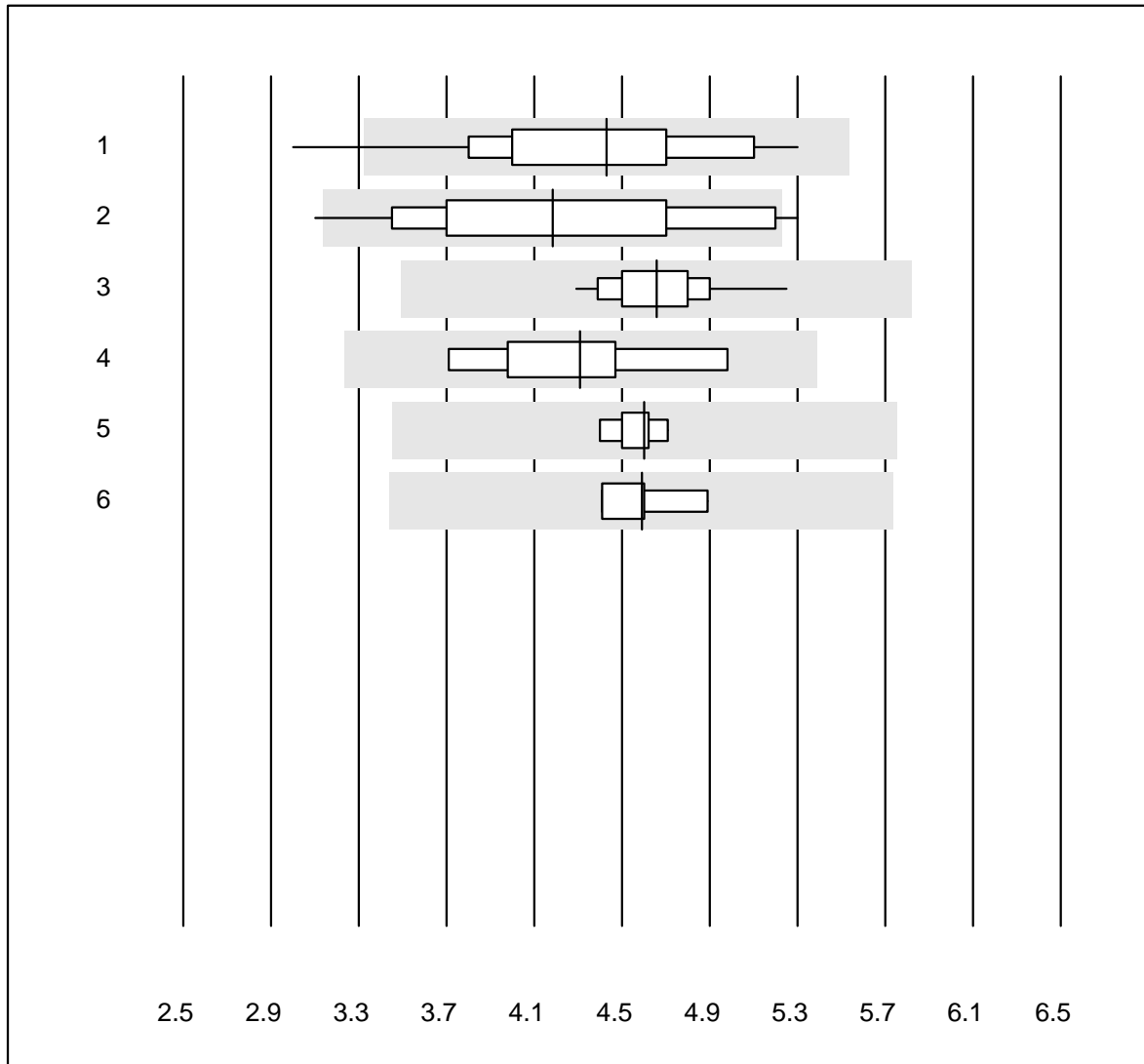


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Micros 60	232	97.8	0.9	1.3	3.06	5.1	e
2	Sysmex KX21	305	98.0	1.0	1.0	3.17	3.7	e
3	Sysmex PochH - 100i	199	98.5	0.5	1.0	3.31	4.0	e
4	Sysmex XP 300	462	98.5	0.4	1.1	3.16	2.8	e
5	Mythic	274	98.9	0.7	0.4	3.11	4.7	e
6	Swelab	48	97.9	0.0	2.1	3.19	2.2	e
7	Abacus Junior	11	100.0	0.0	0.0	3.25	3.5	e
8	Medonic	10	100.0	0.0	0.0	3.20	1.7	e
9	Celltac Alpha (Nihon)	79	98.7	0.0	1.3	3.18	3.8	e
10	Samsung HC10	42	100.0	0.0	0.0	3.13	3.0	e

Leucocytes

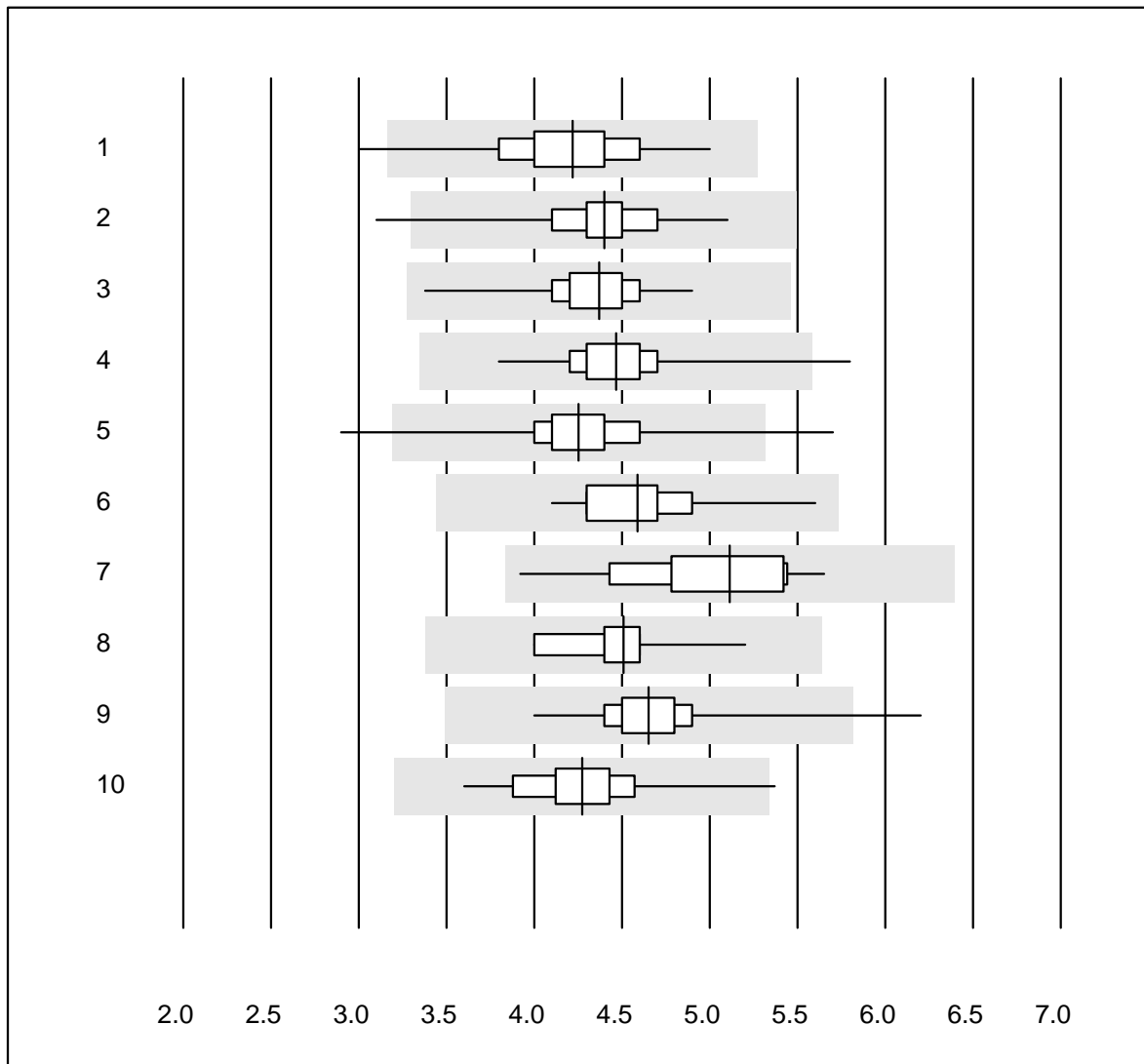


QUALAB tolerance : 25 %

Leucocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	20	95.0	5.0	0.0	4.43	12.3	e
2	Microscopic	31	80.6	9.7	9.7	4.18	15.0	e
3	Sysmex X	41	100.0	0.0	0.0	4.66	4.7	e
4	Advia 120 (Perox)	9	100.0	0.0	0.0	4.31	9.8	e*
5	ABX Pentra	9	88.9	0.0	11.1	4.60	2.4	e
6	MS4	4	100.0	0.0	0.0	4.59	4.3	e

Leucocytes

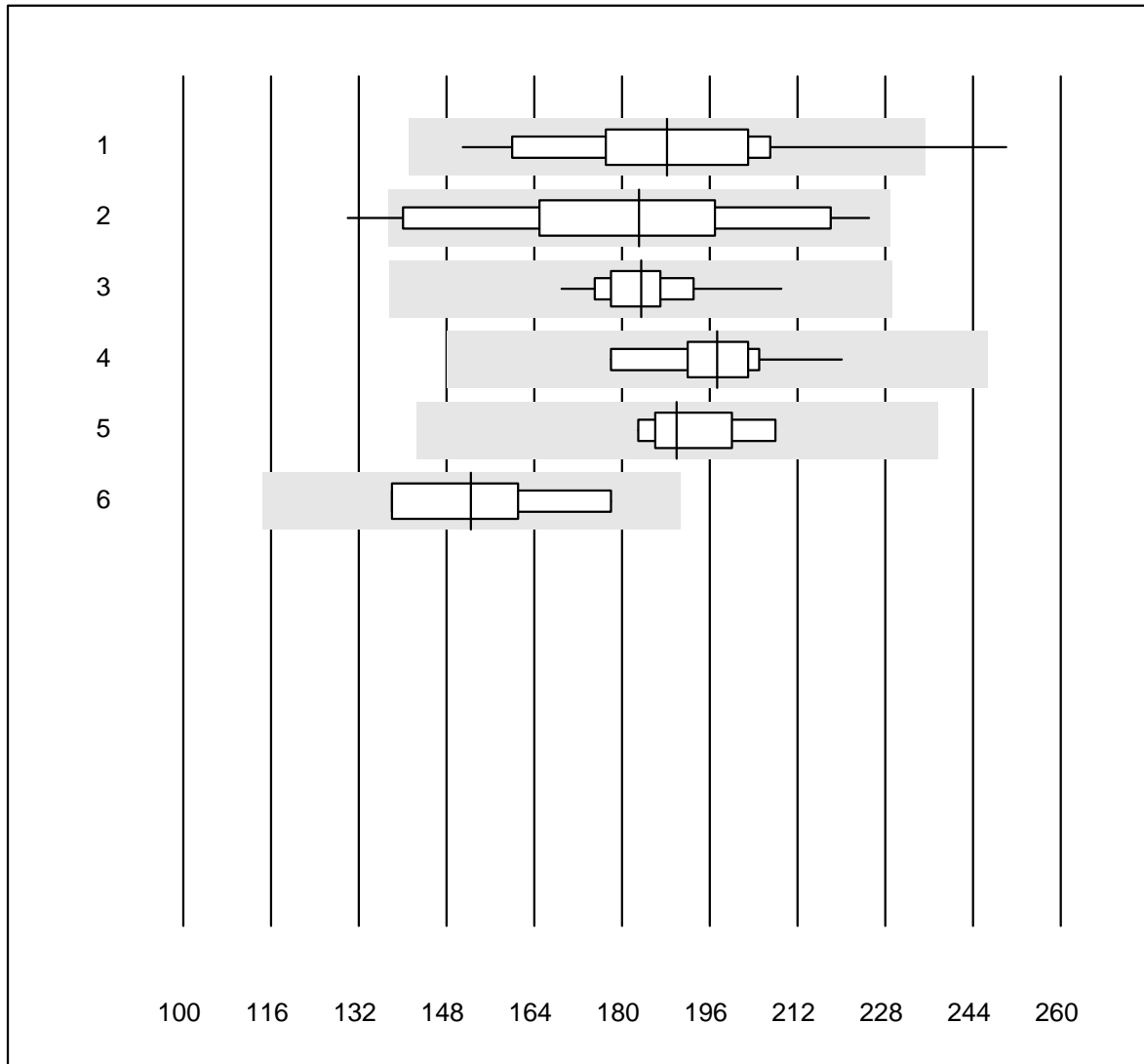


QUALAB tolerance : 25 %

Leucocytes (G/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Micros 60	231	97.9	0.4	1.7	4.22	6.6	e
2	Sysmex KX21	305	99.4	0.3	0.3	4.40	5.3	e
3	Sysmex PochH - 100i	199	98.5	0.0	1.5	4.37	5.6	e
4	Sysmex XP 300	462	99.4	0.2	0.4	4.47	5.3	e
5	Mythic	273	98.2	1.1	0.7	4.25	6.6	e
6	Swelab	48	100.0	0.0	0.0	4.59	6.4	e
7	Abacus Junior	11	100.0	0.0	0.0	5.11	10.3	e*
8	Medonic	10	100.0	0.0	0.0	4.51	6.6	e
9	Celltac Alpha (Nihon	79	96.2	1.3	2.5	4.65	5.7	e
10	Samsung HC10	42	97.6	2.4	0.0	4.27	7.1	e

Thrombocytes

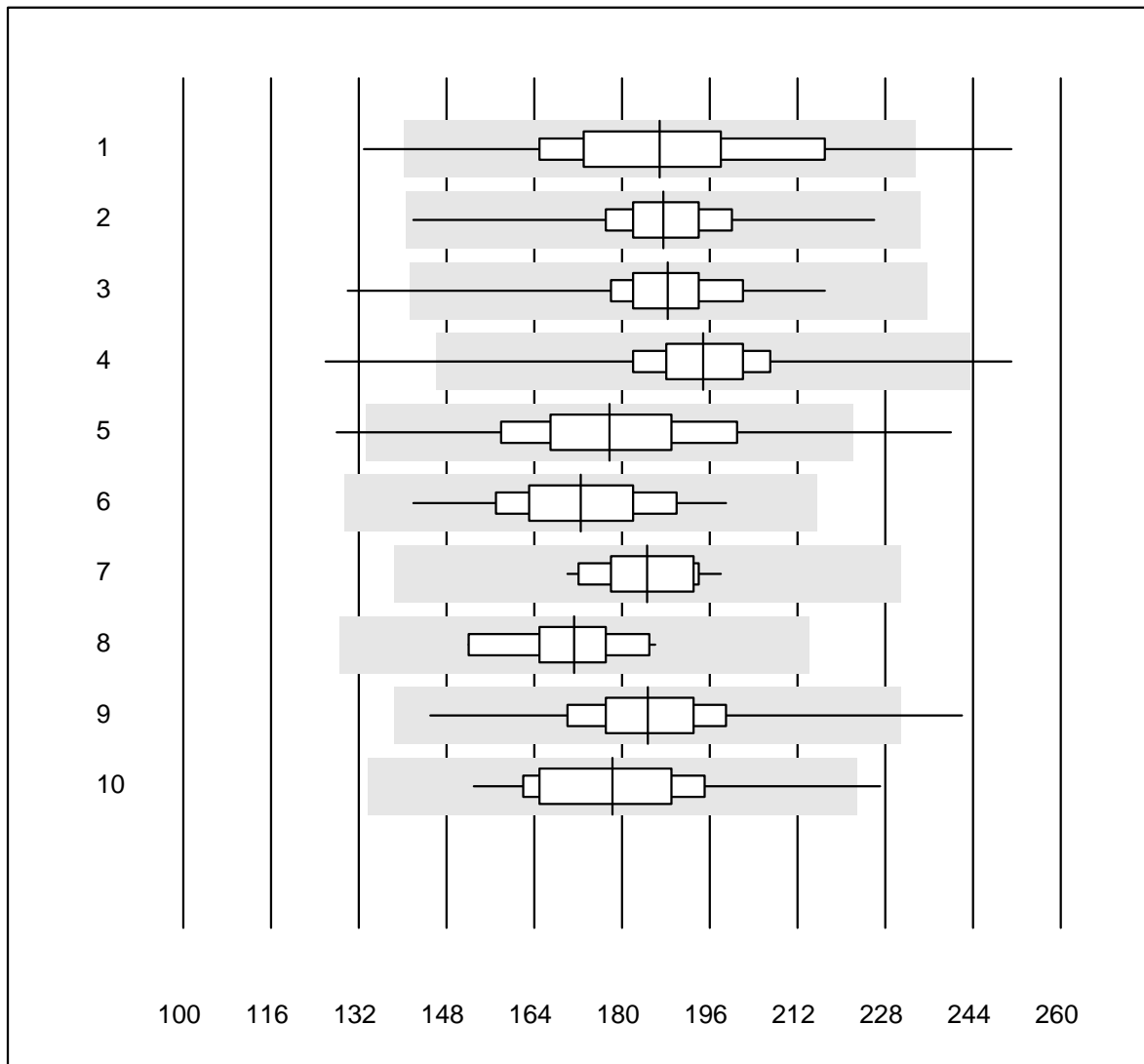


QUALAB tolerance : 25 %

Thrombocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	19	94.7	5.3	0.0	188.2	11.1	e
2	Microscopic	22	86.4	4.5	9.1	183.2	14.7	e*
3	Sysmex X	41	100.0	0.0	0.0	183.5	4.4	e
4	Advia 120	10	100.0	0.0	0.0	197.4	5.9	e
5	ABX Pentra	9	100.0	0.0	0.0	190.0	4.6	e
6	MS4	4	100.0	0.0	0.0	152.5	11.6	e*

Thrombocytes

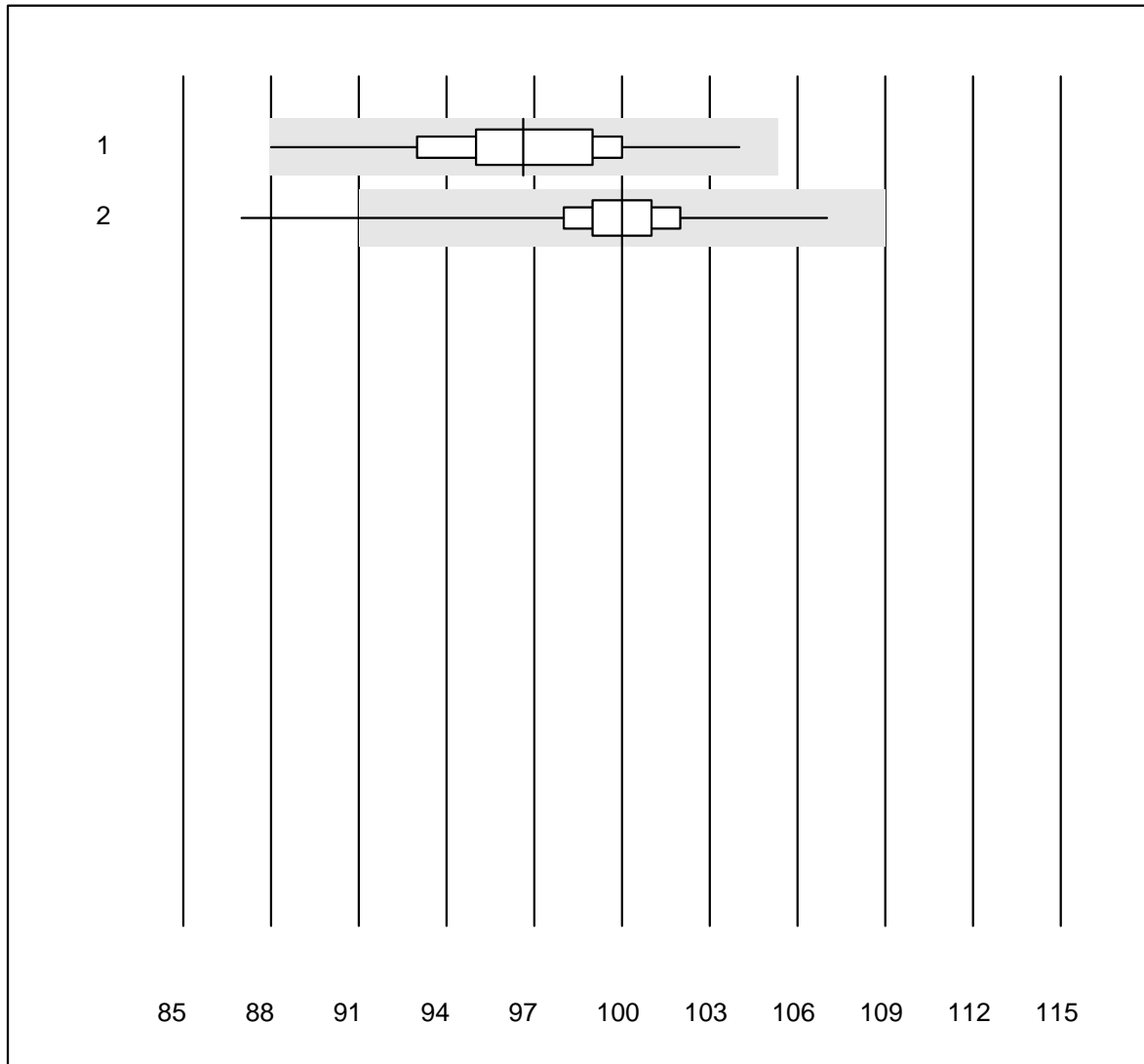


QUALAB tolerance : 25 %

Thrombocytes (G/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Micros 60	231	95.6	3.5	0.9	186.9	10.9	e
2	Sysmex KX21	305	99.7	0.0	0.3	187.5	5.5	e
3	Sysmex PochH - 100i	199	99.5	0.5	0.0	188.4	5.5	e
4	Sysmex XP 300	462	99.0	0.4	0.6	194.8	5.9	e
5	Mythic	274	96.7	2.2	1.1	177.7	10.3	e
6	Swelab	47	100.0	0.0	0.0	172.5	7.8	e
7	Abacus Junior	11	100.0	0.0	0.0	184.6	4.9	e
8	Medonic	10	100.0	0.0	0.0	171.3	6.3	e
9	Celltac Alpha (Nihon	79	97.4	1.3	1.3	184.7	7.2	e
10	Samsung HC10	42	97.6	2.4	0.0	178.2	8.9	e

Hemoglobin H2

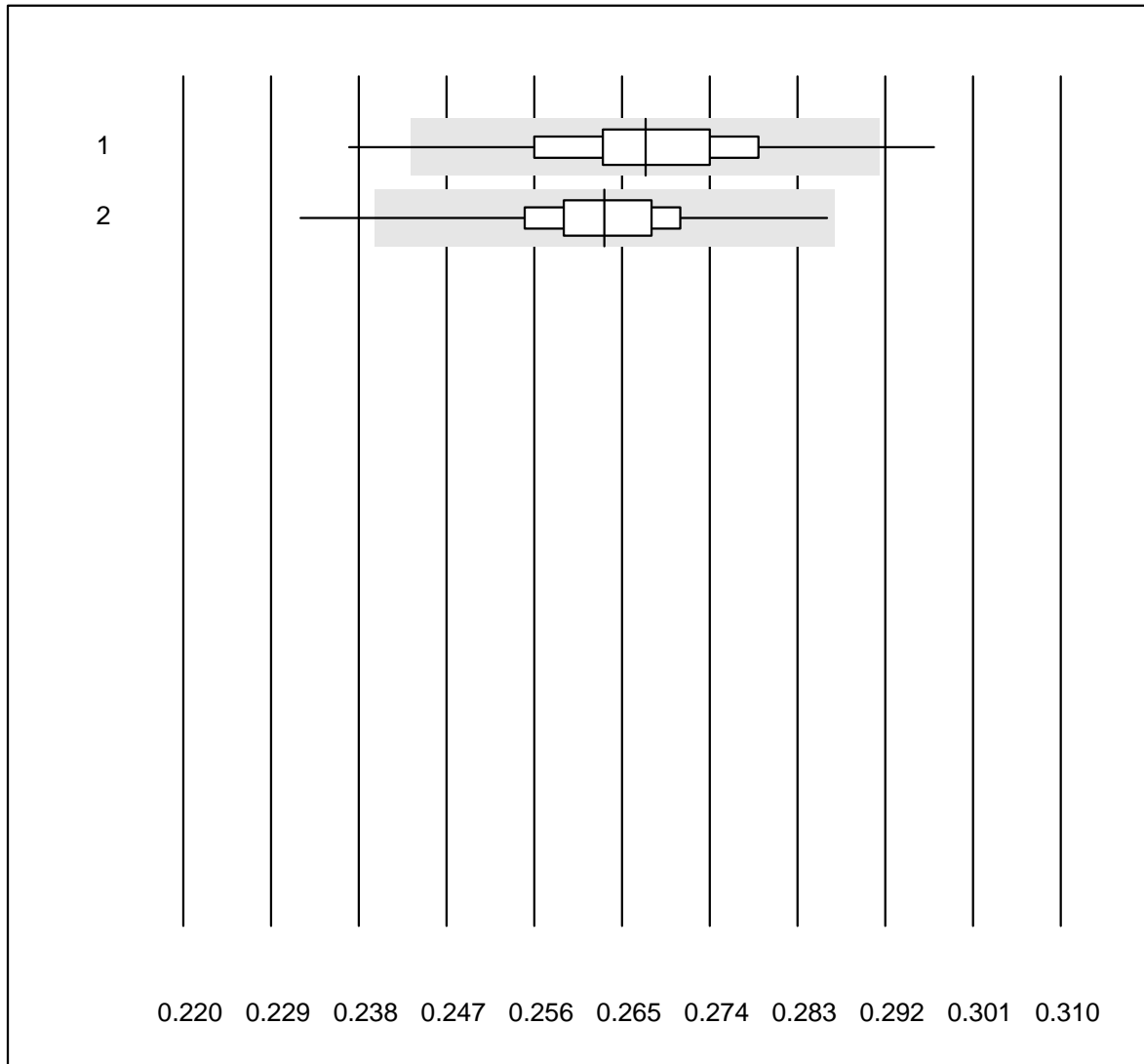


QUALAB tolerance : 9 %

Hemoglobin H2 (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	214	95.3	0.0	4.7	96.6	3.1	e
2	Microsemi	650	96.6	0.6	2.8	100.0	2.0	e

Hematocrit H2

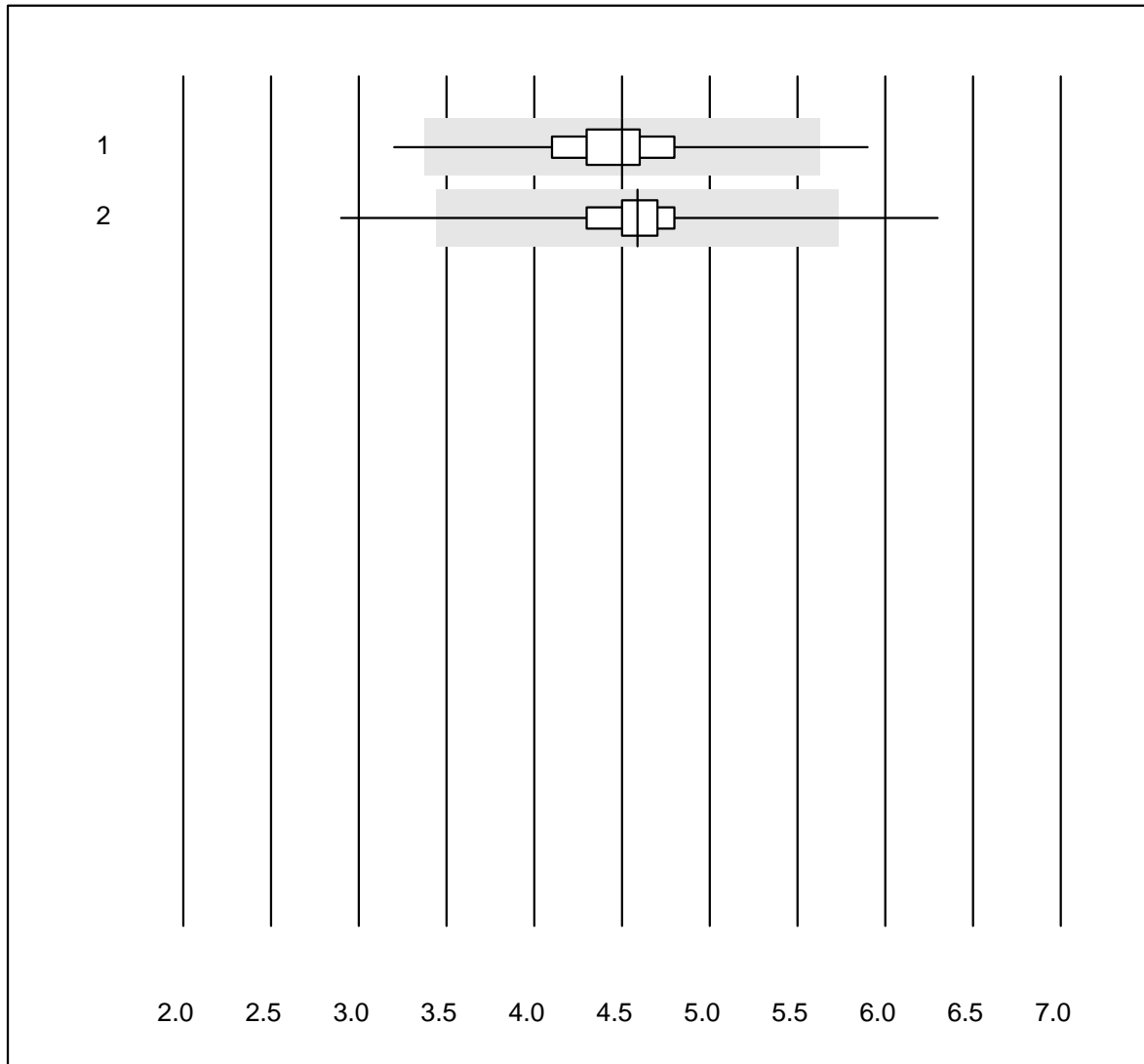


QUALAB tolerance : 9 %

Hematocrit H2 (l/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	214	90.7	4.2	5.1	0.27	3.7	e
2	Microsemi	650	96.6	0.5	2.9	0.26	2.6	e

Leucocytes H2

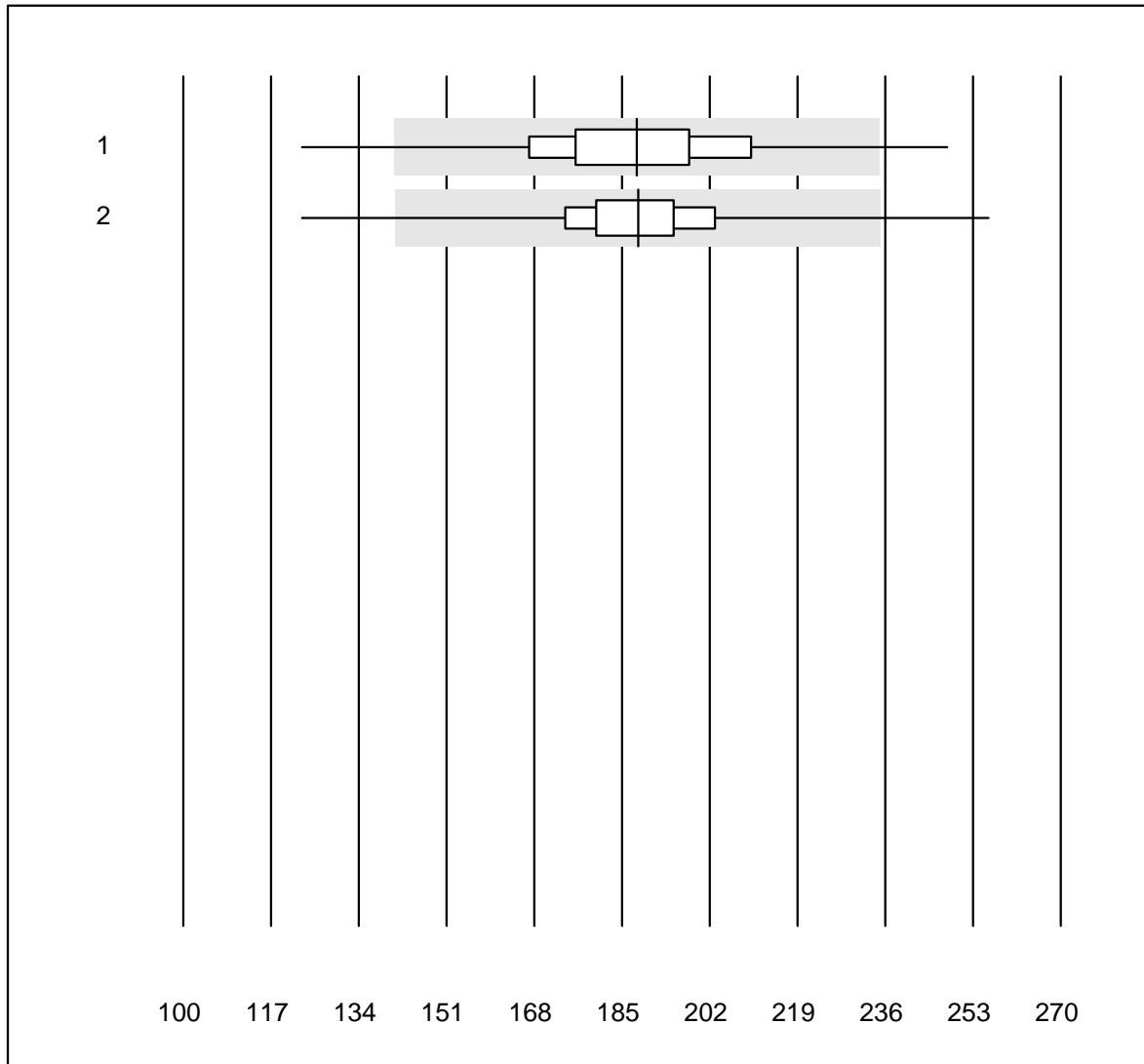


QUALAB tolerance : 25 %

Leucocytes H2 (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	214	95.8	1.9	2.3	4.50	7.1	e
2	Microsemi	650	98.9	0.6	0.5	4.59	5.5	e

Thrombocytes H2

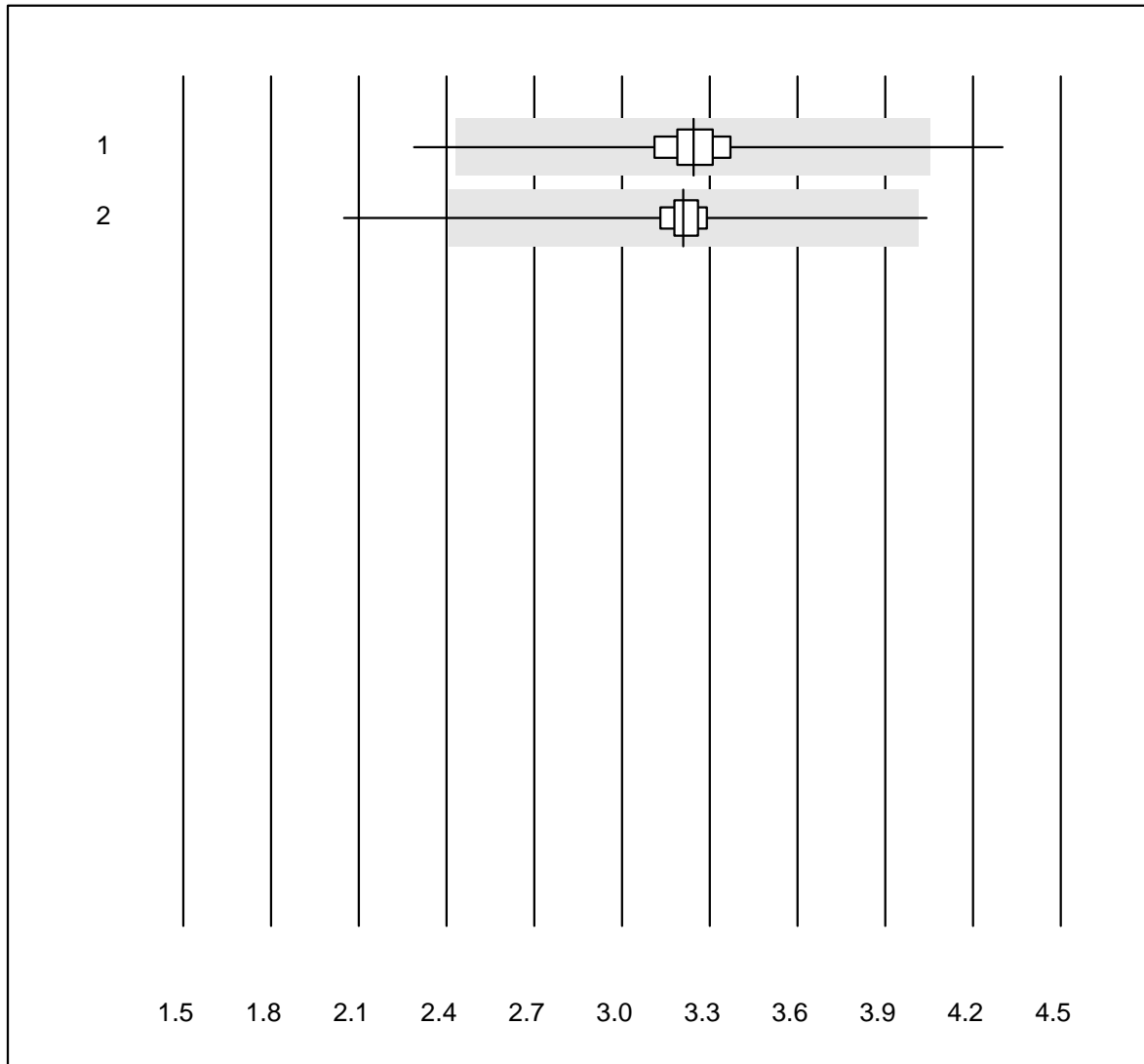


QUALAB tolerance : 25 %

Thrombocytes H2 (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	214	91.2	2.3	6.5	187.9	9.3	e
2	Microsemi	650	98.1	0.8	1.1	188.1	6.8	e

Erythrocytes H2

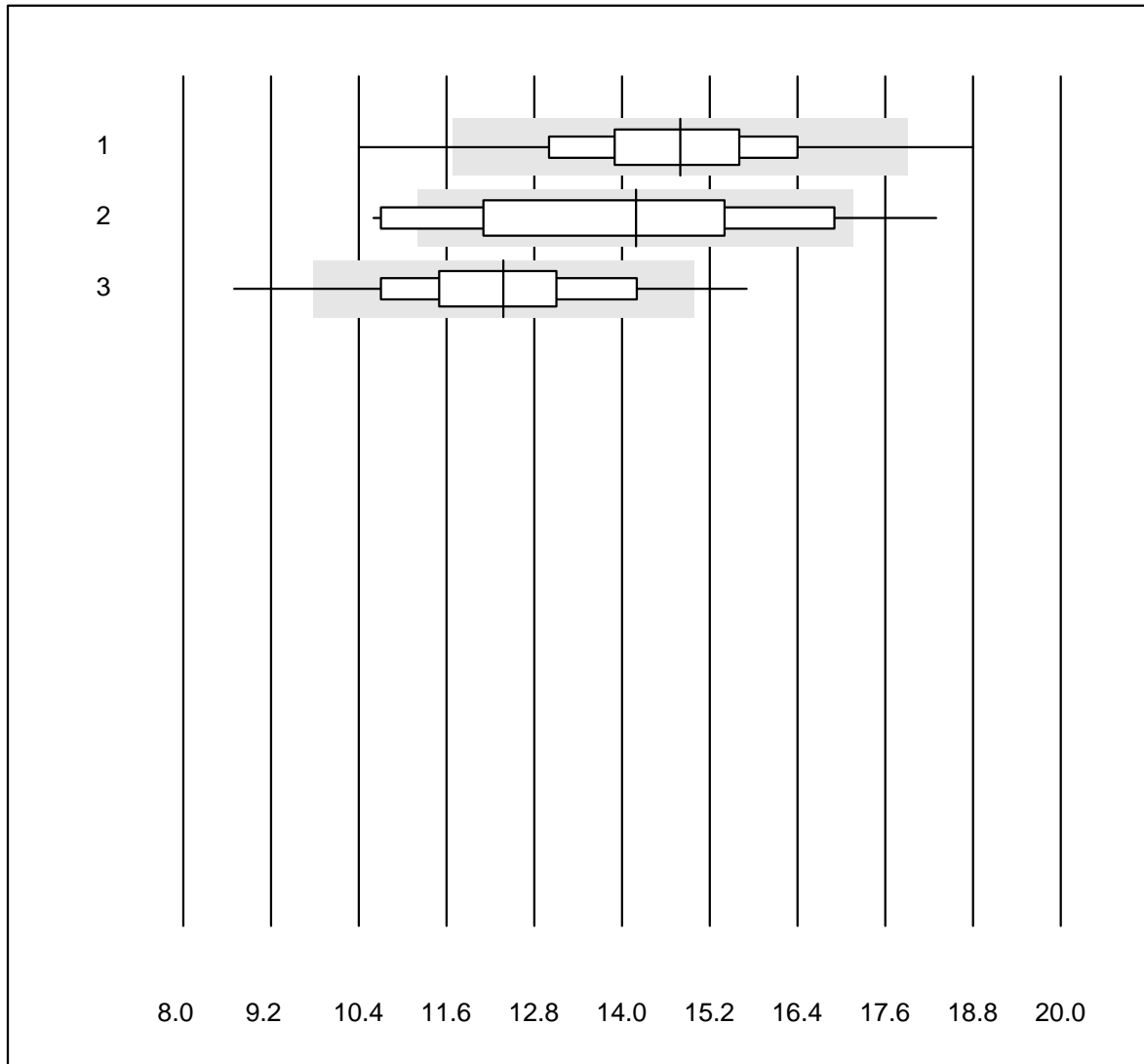


QUALAB tolerance : 25 %

Erythrocytes H2 (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	214	97.2	0.9	1.9	3.24	5.4	e
2	Microsemi	650	97.7	0.5	1.8	3.21	3.8	e

CRP H2

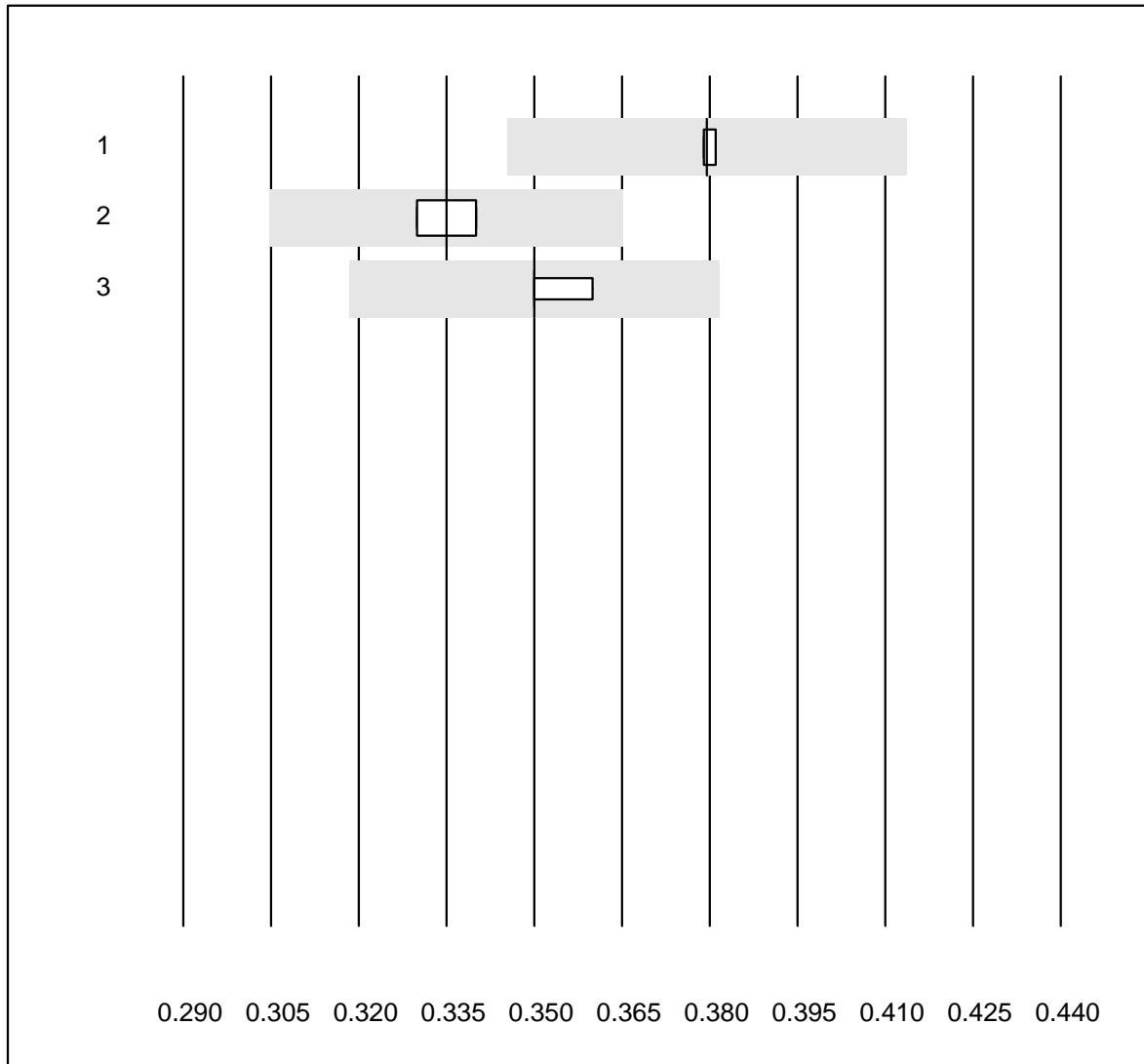


QUALAB tolerance : 21 %

CRP H2 (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Microsemi	643	92.9	3.4	3.7	14.8	9.3	e
2	Abx Micros	20	80.0	20.0	0.0	14.2	15.6	e*
3	ABX Micros CRP200	188	88.2	5.9	5.9	12.4	10.8	e

Hematocrit

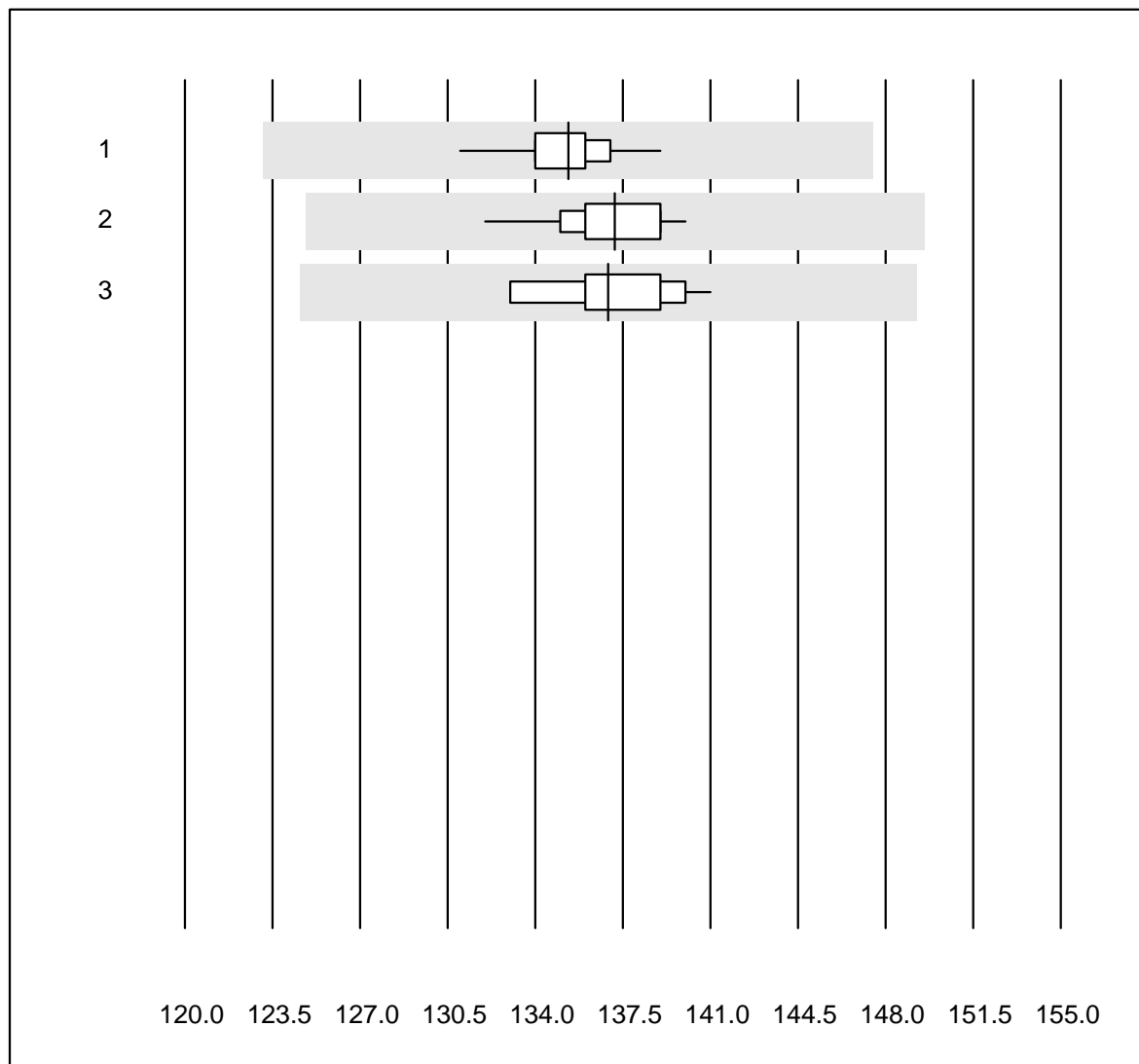


QUALAB tolerance : 9 %

Hematocrit (l/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	4	75.0	0.0	25.0	0.38	0.3	e
2	iStat	6	83.3	0.0	16.7	0.34	1.6	e
3	EPOC	6	83.3	0.0	16.7	0.35	1.3	e

Hemoglobin

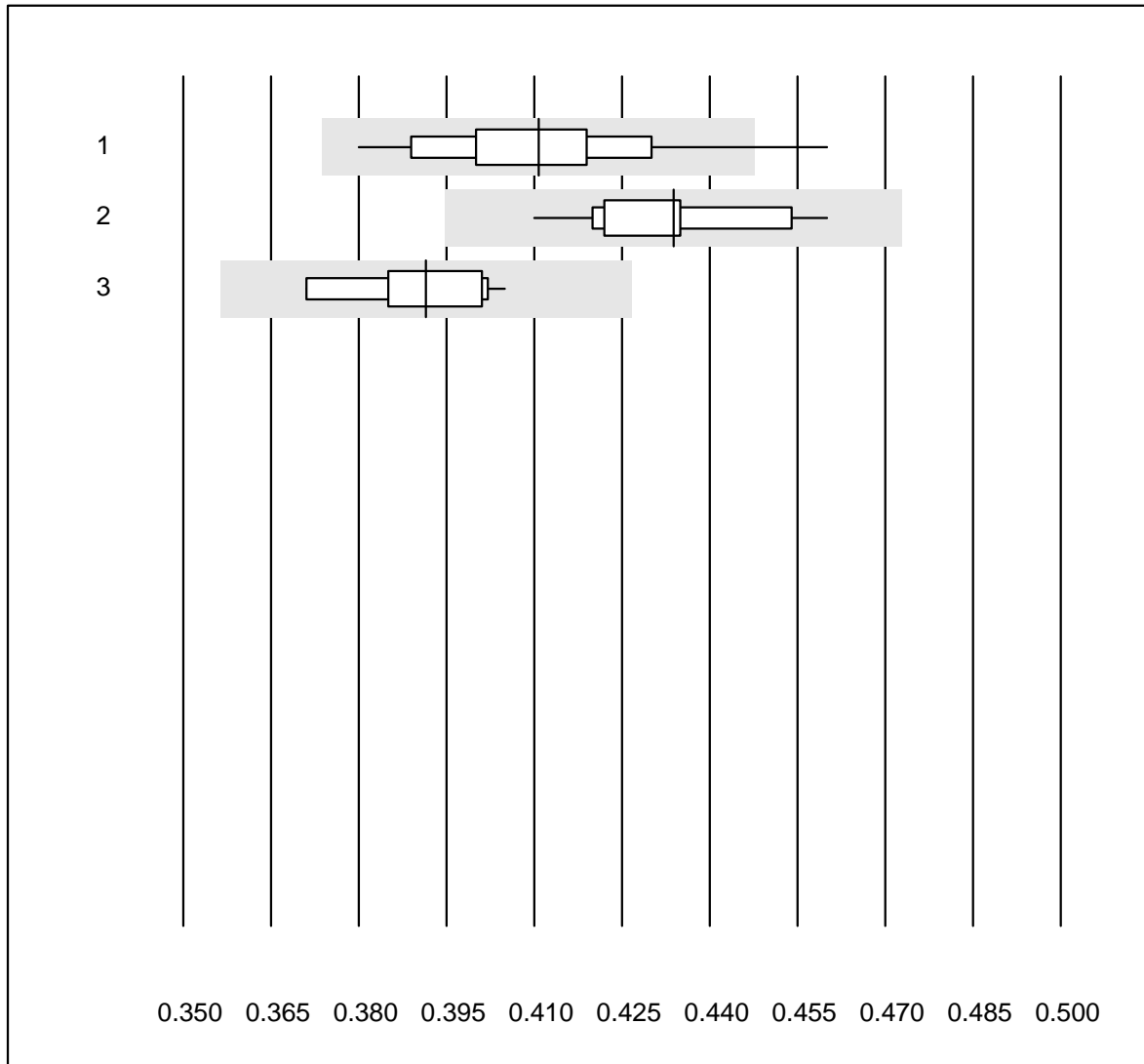


QUALAB tolerance : 9 %

Hemoglobin (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	49	100.0	0.0	0.0	135.3	1.2	e
2	Advia	12	100.0	0.0	0.0	137.2	1.6	e
3	ABX Pentra	10	100.0	0.0	0.0	136.9	1.9	e

Hematocrit

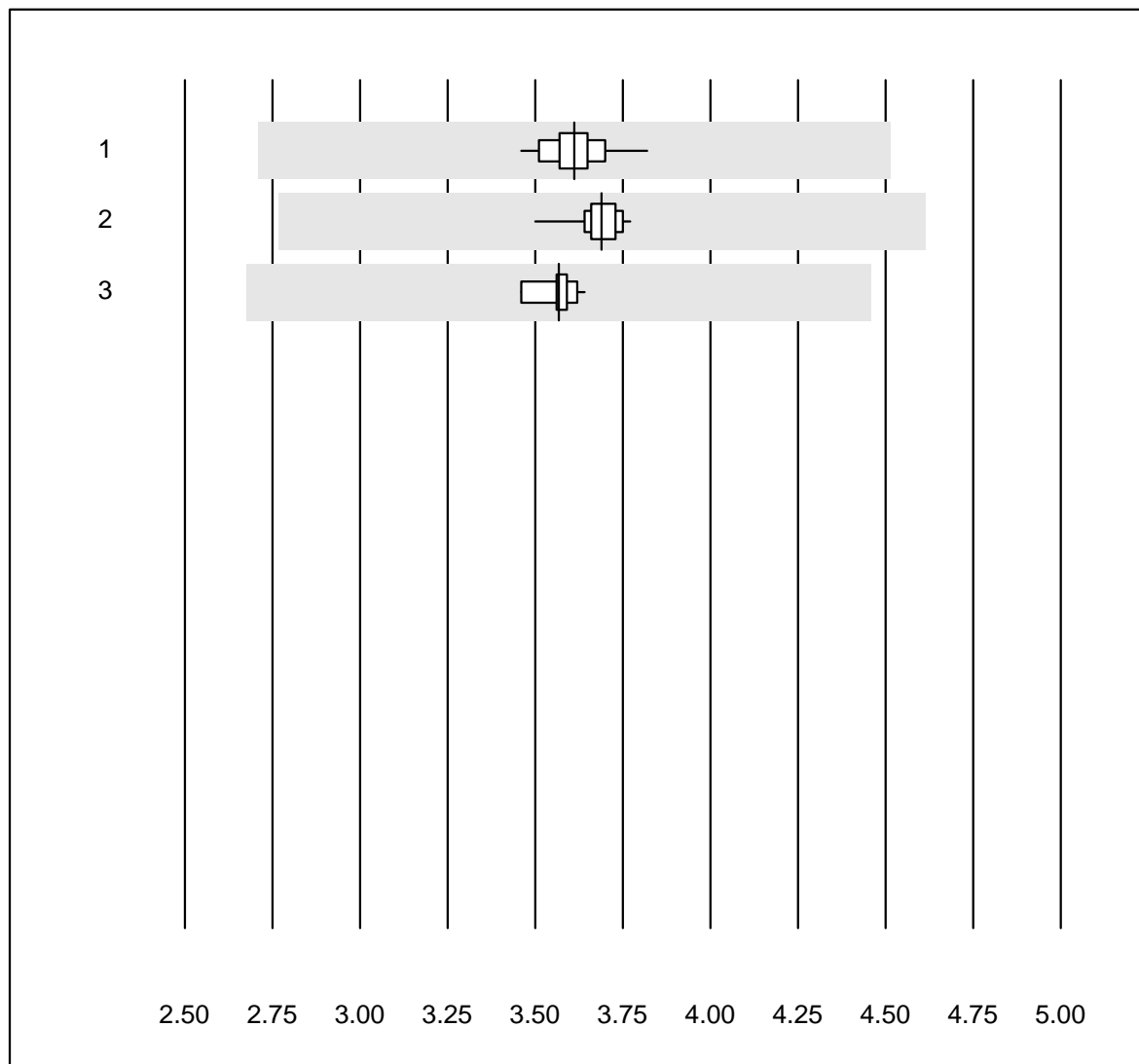


QUALAB tolerance : 9 %

Hematocrit (l/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Sysmex	49	98.0	2.0	0.0	0.41	3.8	e
2 Advia	12	100.0	0.0	0.0	0.43	3.2	e
3 ABX Pentra	10	100.0	0.0	0.0	0.39	3.0	e

Erythrocytes

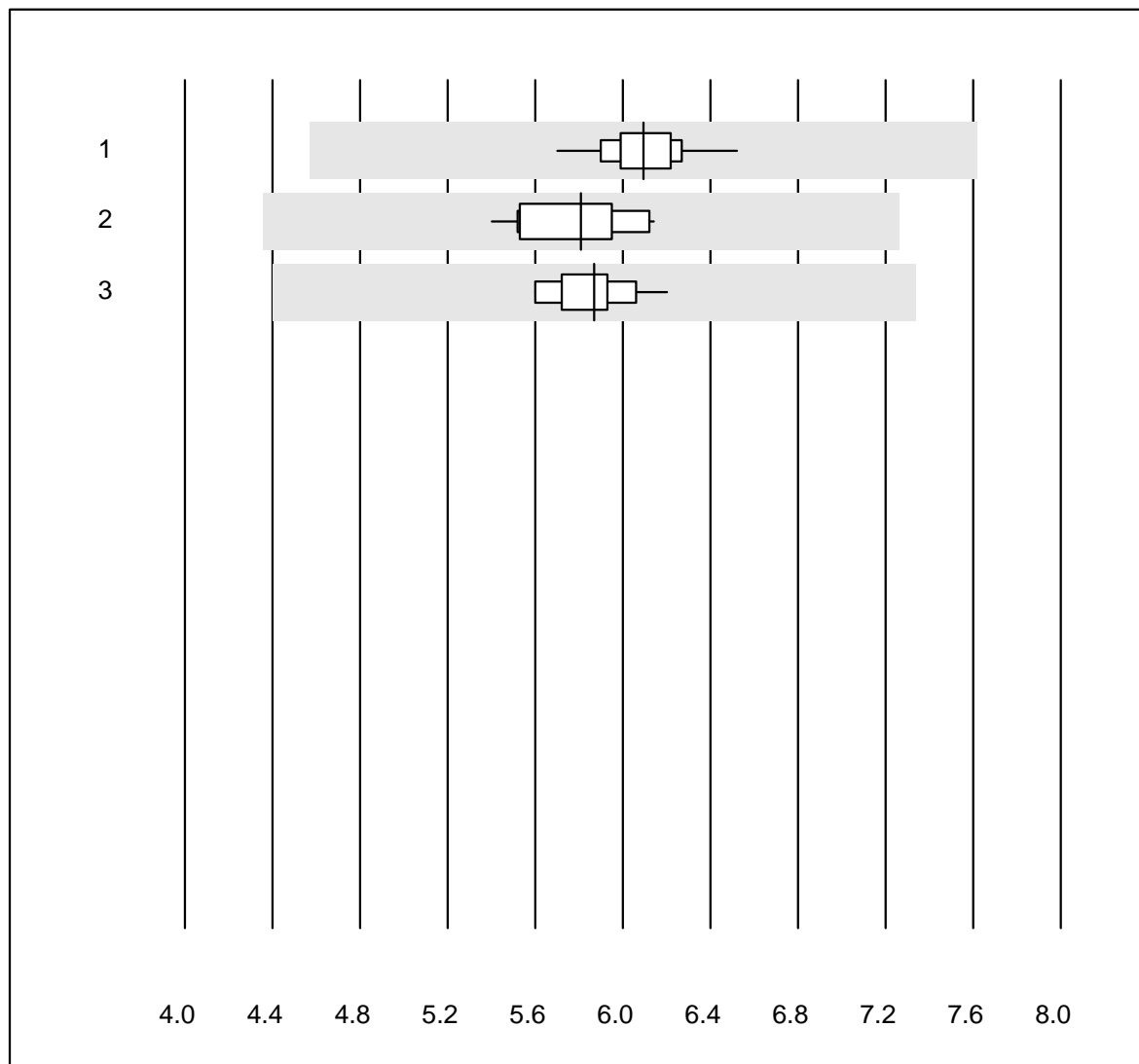


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	49	100.0	0.0	0.0	3.61	2.0	e
2	Advia	12	100.0	0.0	0.0	3.69	1.9	e
3	ABX Pentra	10	100.0	0.0	0.0	3.57	1.4	e

Leucocytes

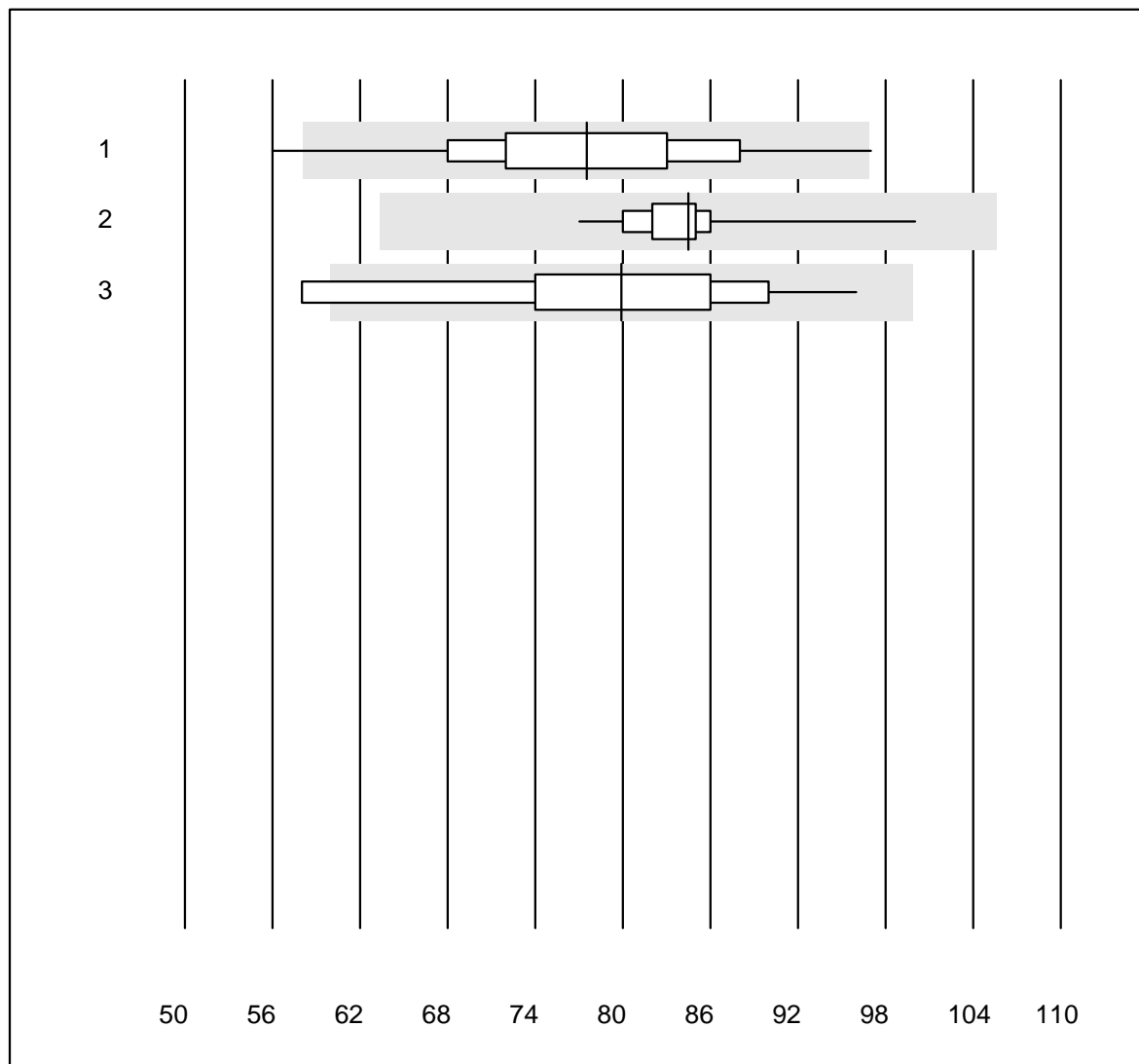


QUALAB tolerance : 25 %

Leucocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	49	100.0	0.0	0.0	6.10	2.8	e
2	Advia	12	100.0	0.0	0.0	5.81	4.1	e
3	ABX Pentra	10	100.0	0.0	0.0	5.87	3.0	e

Thrombocytes

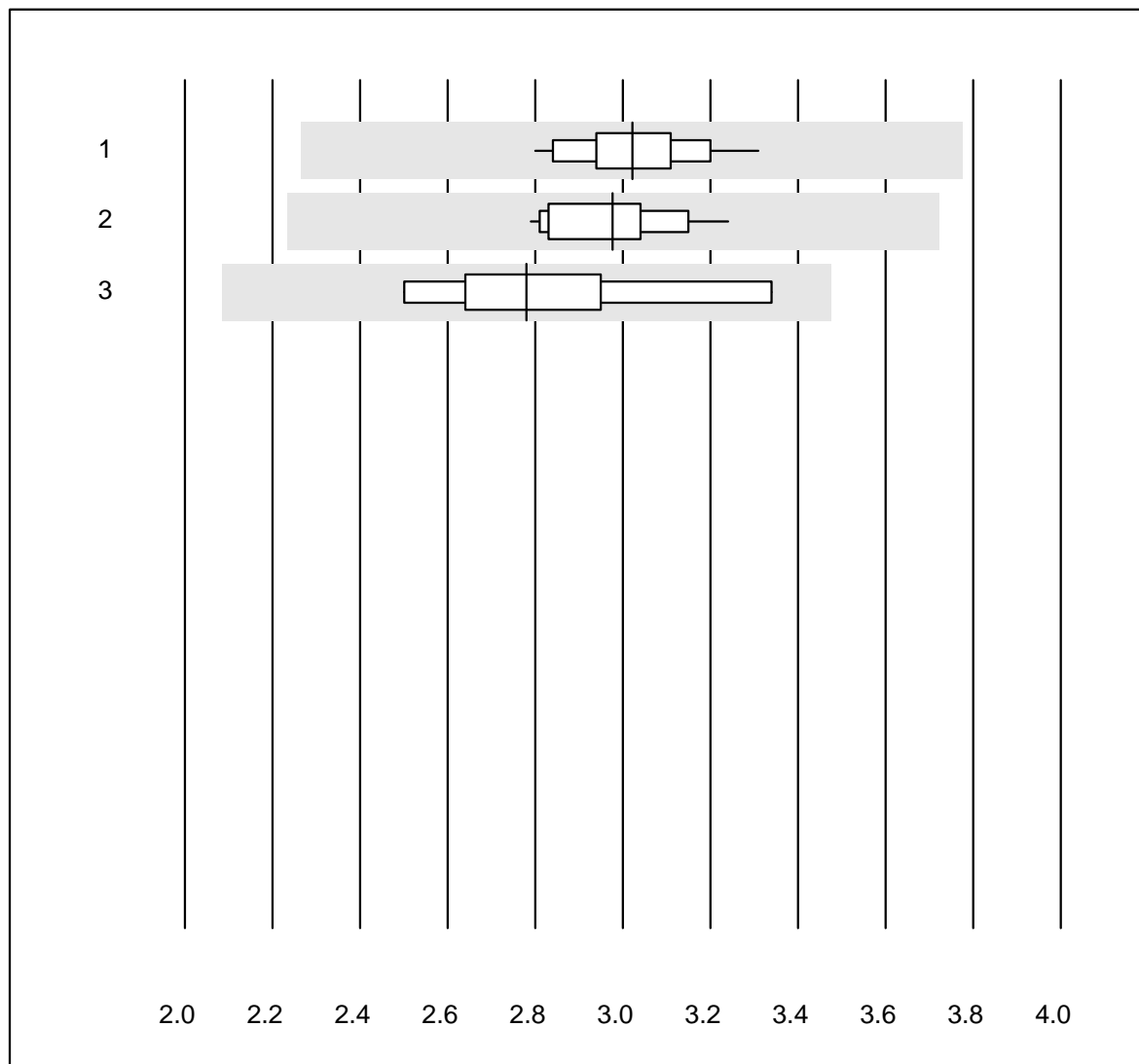


QUALAB tolerance : 25 %

Thrombocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	49	95.9	4.1	0.0	77.5	10.7	e
2	Advia	12	91.7	0.0	8.3	84.5	6.9	e
3	ABX Pentra	10	90.0	10.0	0.0	79.9	13.8	e*

Neutrophils

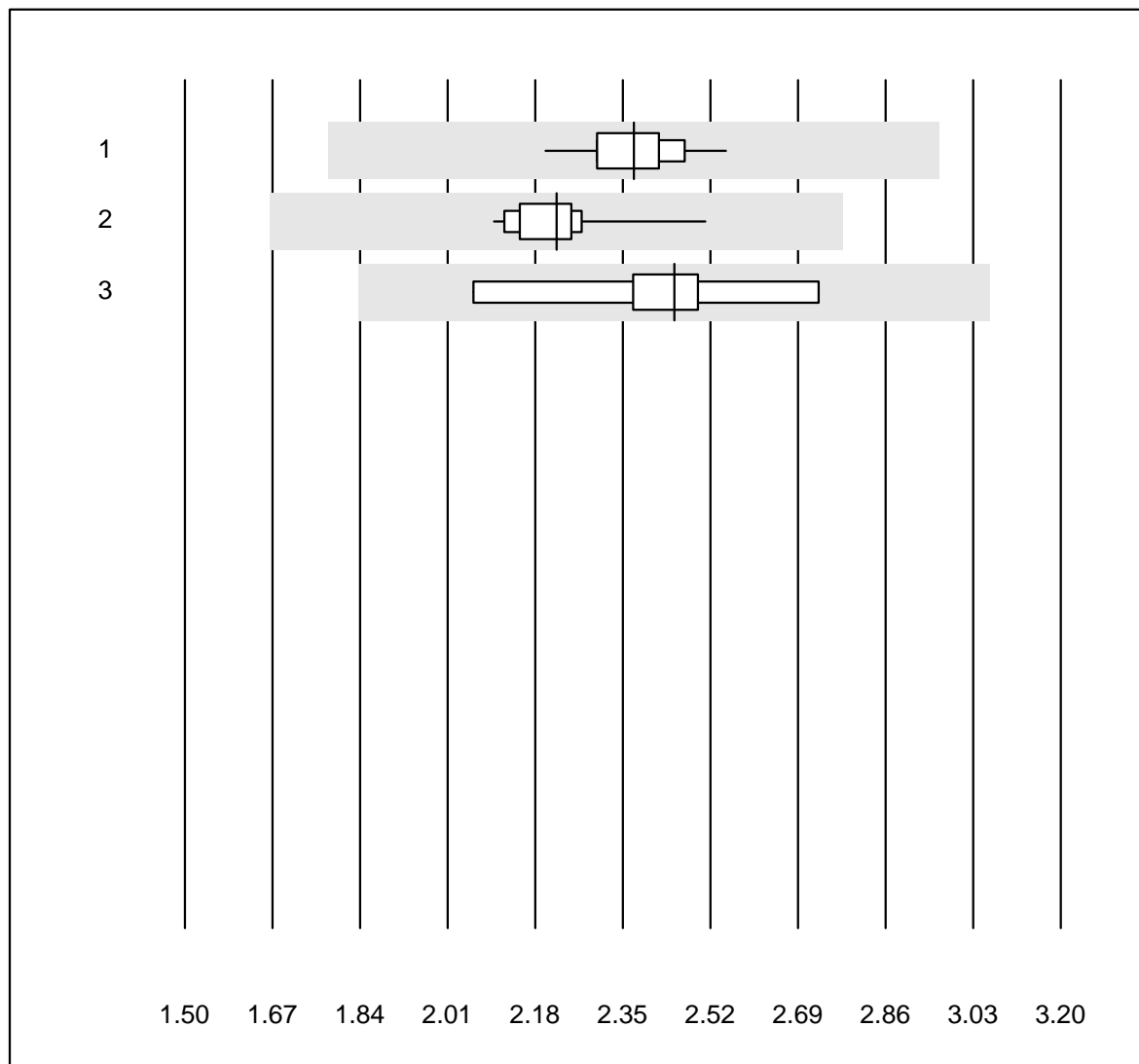


MQ tolerance : 25 %

Neutrophils (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	47	100.0	0.0	0.0	3.02	4.1	e
2	Advia	12	100.0	0.0	0.0	2.98	4.9	e
3	ABX Pentra	9	100.0	0.0	0.0	2.78	9.1	e*

Lymphocytes

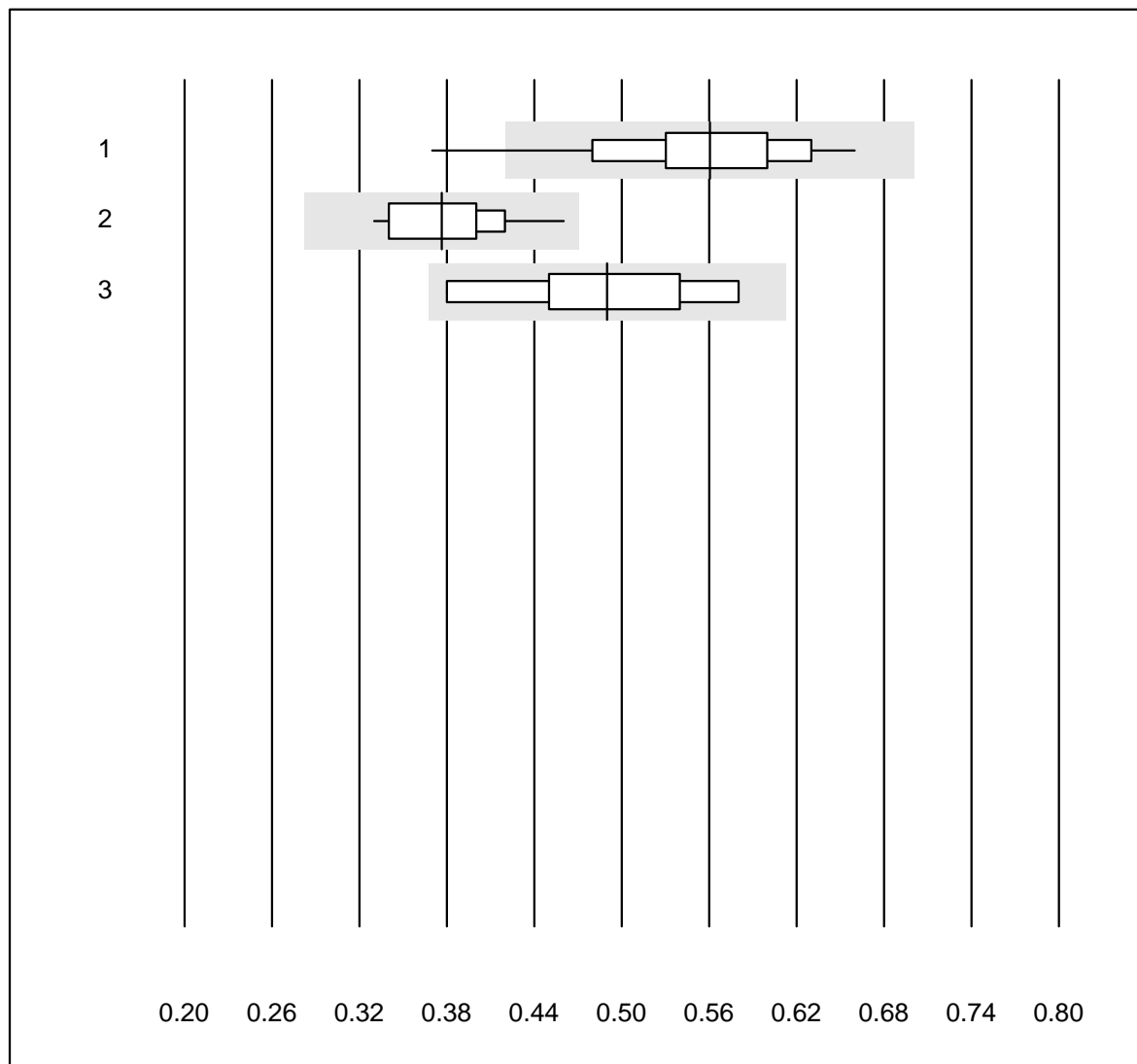


MQ tolerance : 25 %

Lymphocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	48	100.0	0.0	0.0	2.37	3.1	e
2	Advia	12	100.0	0.0	0.0	2.22	4.8	e
3	ABX Pentra	9	100.0	0.0	0.0	2.45	7.6	e

Monocytes

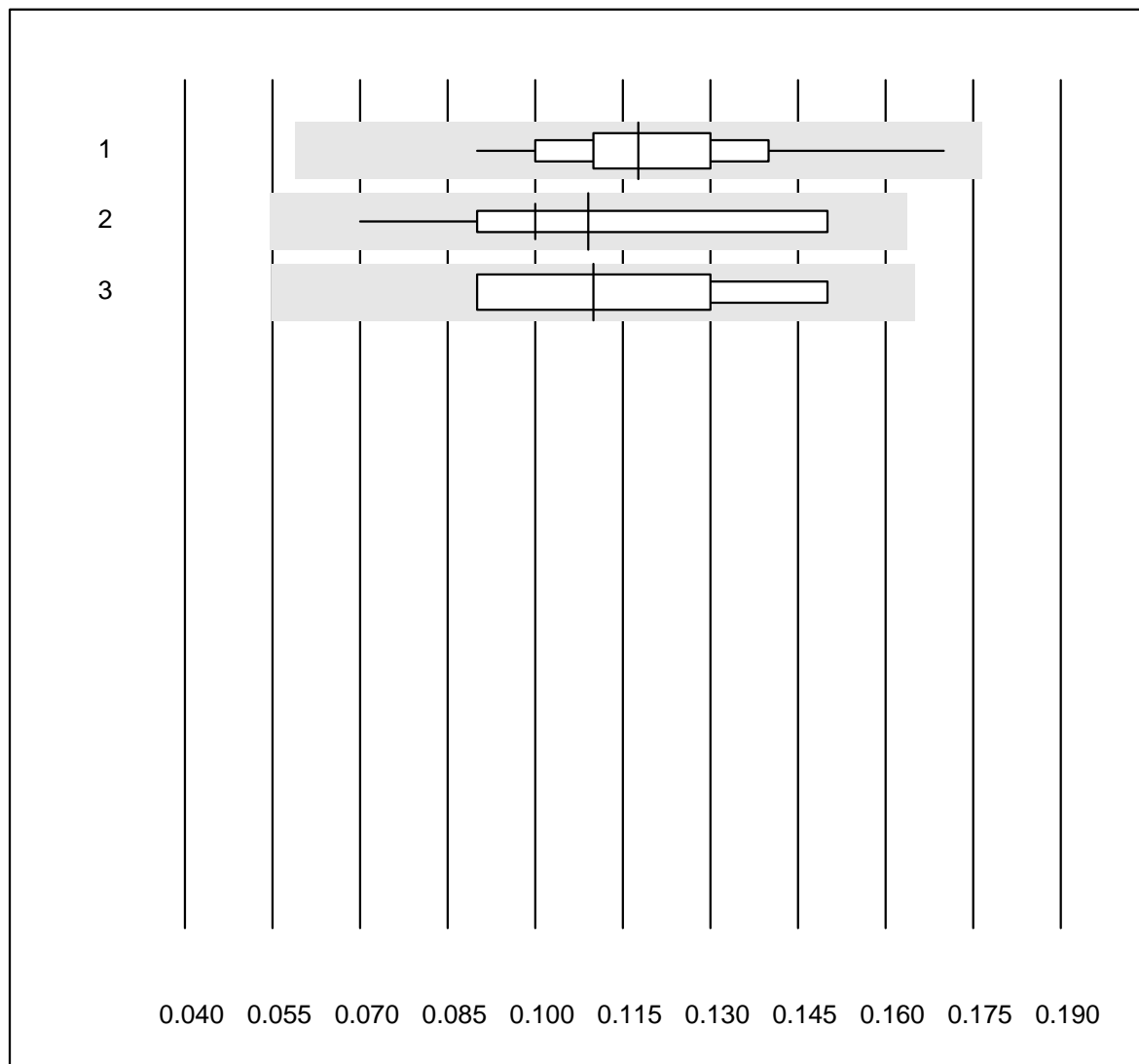


MQ tolerance : 25 %

Monocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	48	95.8	2.1	2.1	0.56	10.6	e
2	Advia	12	100.0	0.0	0.0	0.38	10.6	e*
3	ABX Pentra	9	88.9	0.0	11.1	0.49	13.2	e*

Eosinophils

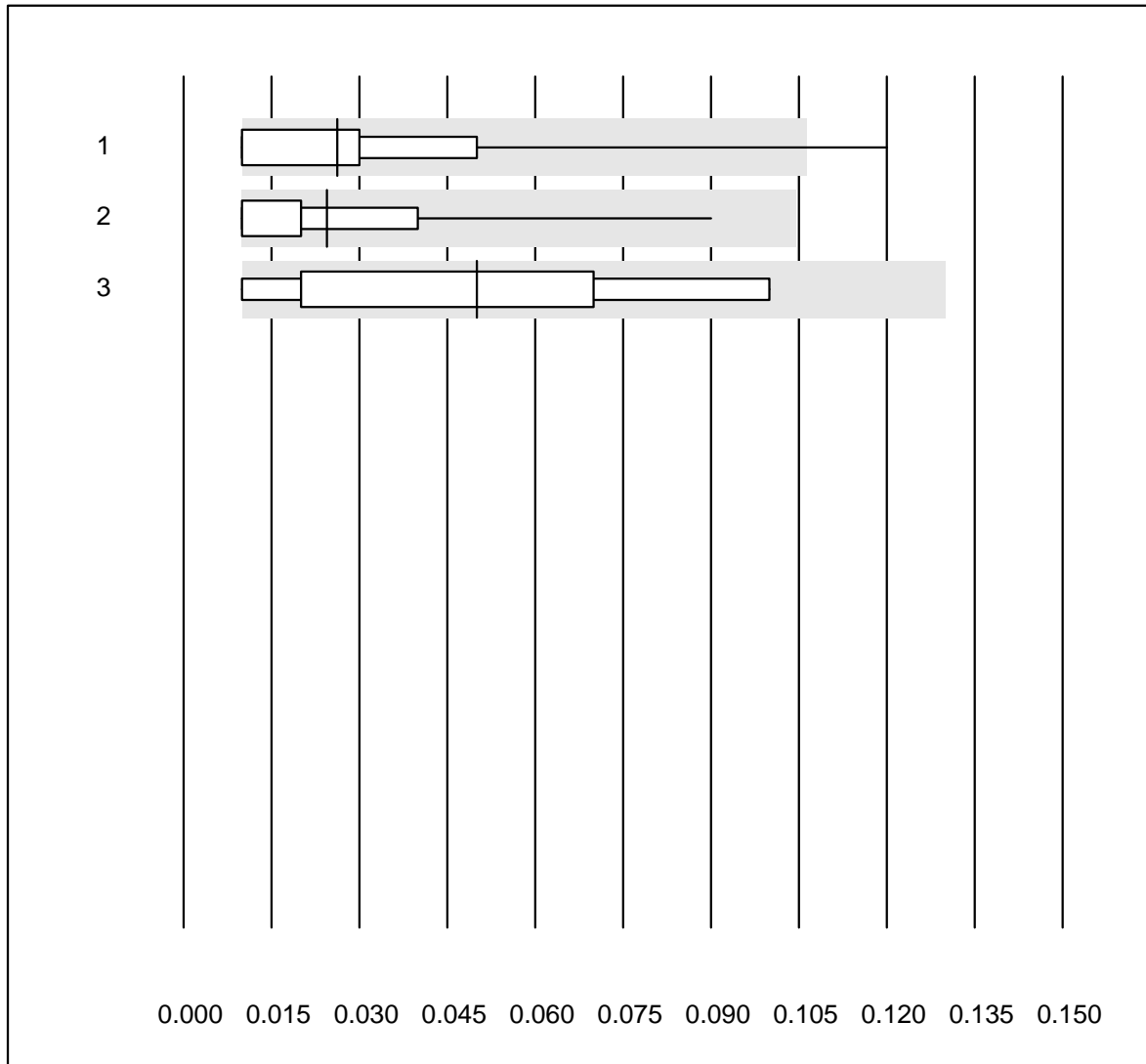


MQ tolerance : 50 %

Eosinophils (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	48	100.0	0.0	0.0	0.12	14.6	e
2	Advia	12	100.0	0.0	0.0	0.11	22.9	e*
3	ABX Pentra	9	100.0	0.0	0.0	0.11	20.5	e*

Basophiles

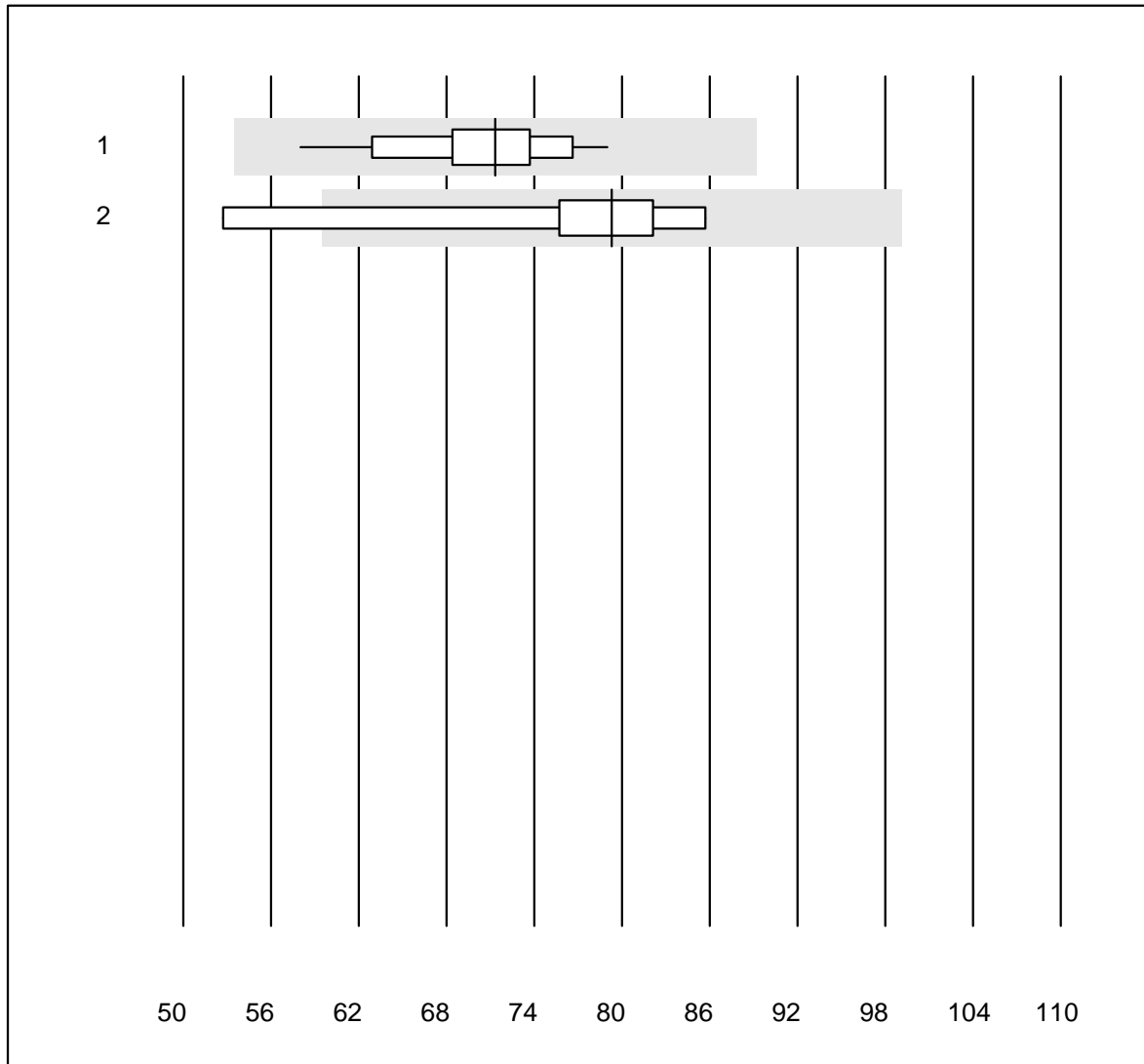


MQ tolerance : 80 %
 (< 0.10: +/- 0.08 G/l)

Basophiles (G/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Sysmex	46	97.8	2.2	0.0	0.03	78.0	e*
2 Advia	12	100.0	0.0	0.0	0.02	92.5	e*
3 ABX Pentra	9	88.9	0.0	11.1	0.05	56.6	e*

Reticulocytes

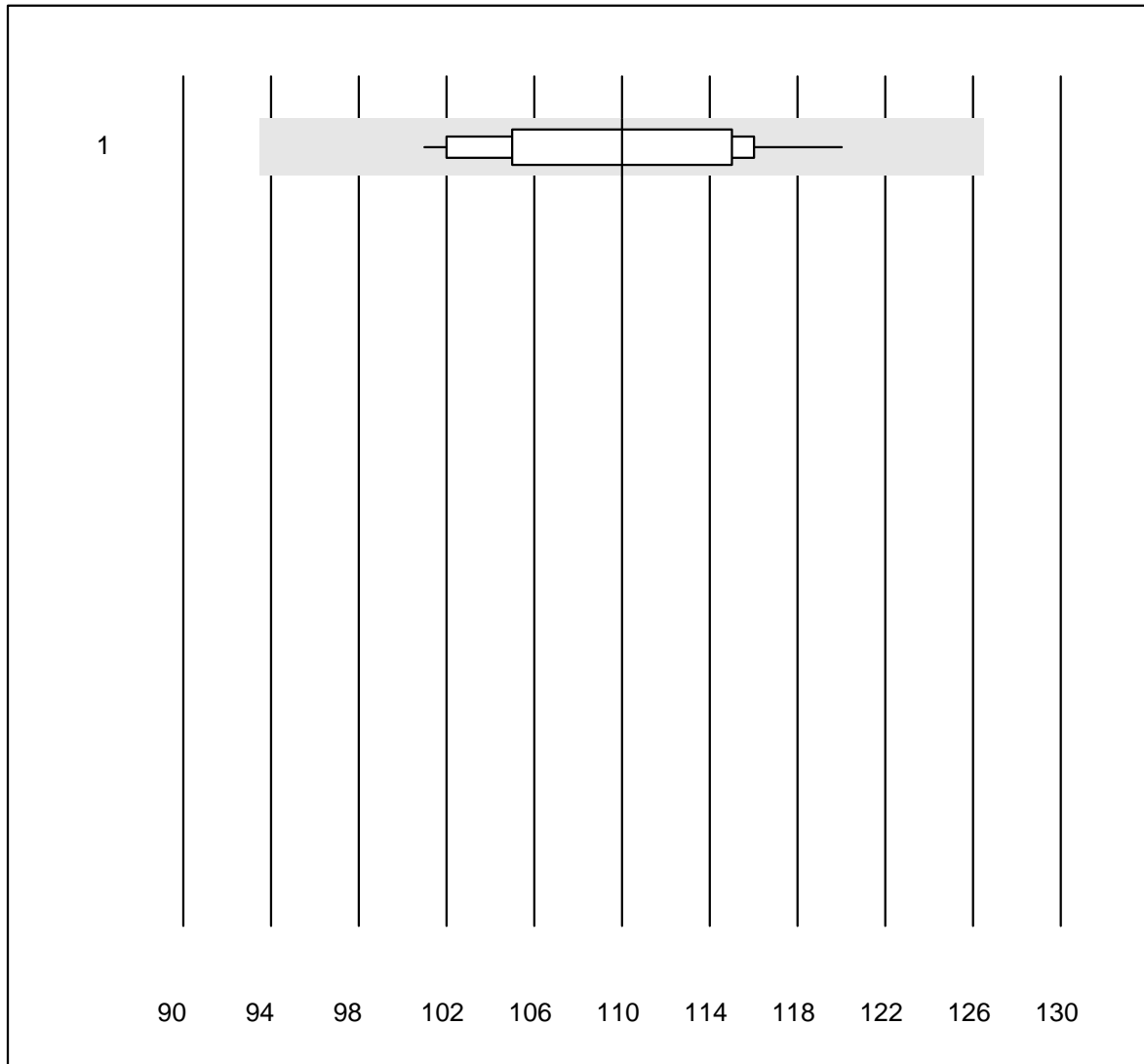


MQ tolerance : 25 %

Reticulocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	27	100.0	0.0	0.0	71.3	7.1	e
2	Advia	9	88.9	11.1	0.0	79.3	13.0	e*

Hämolyseindex Probe A

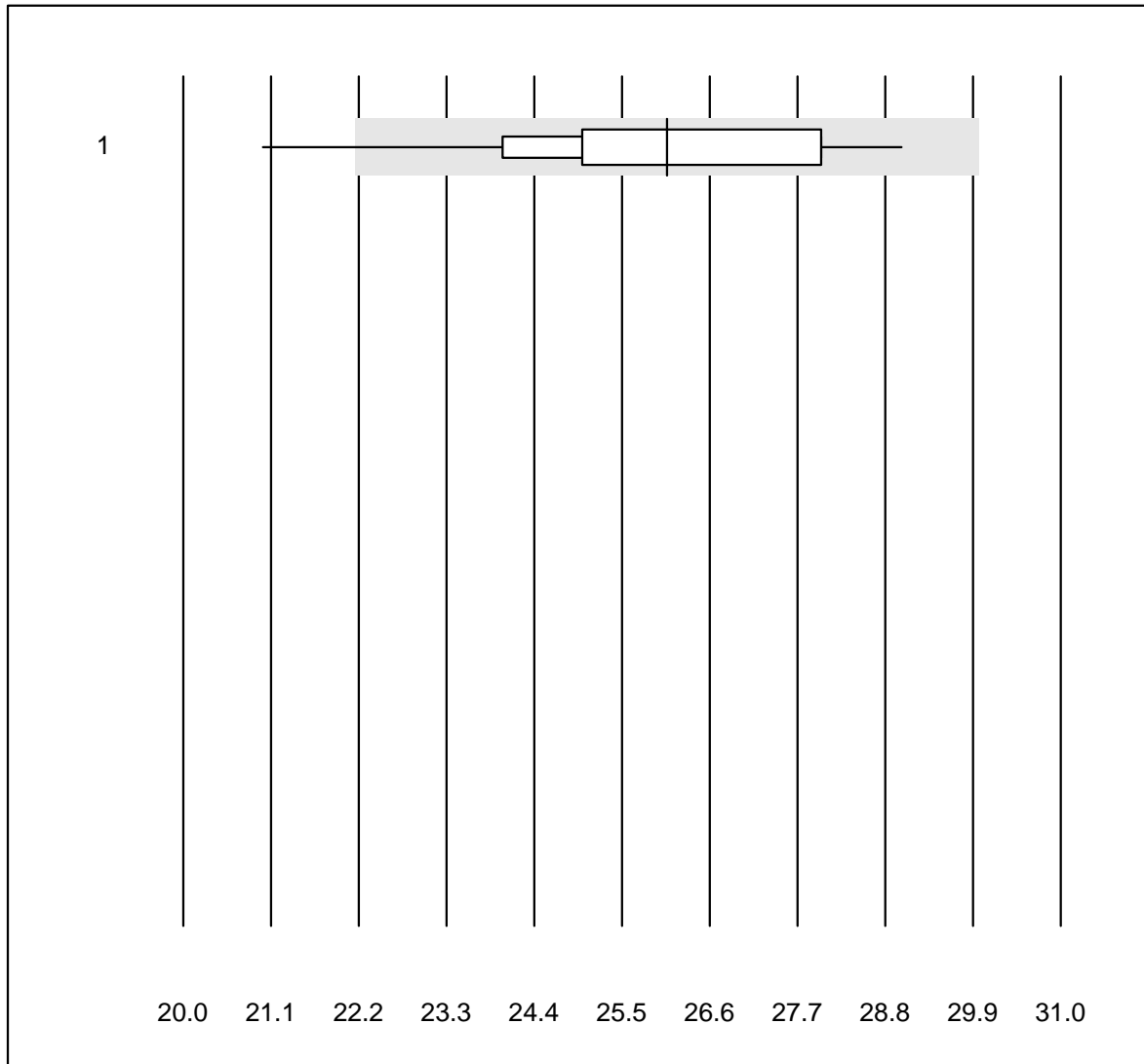


MQ tolerance : 15 %

Hämolyseindex Probe A ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	15	100.0	0.0	0.0	110.00	5.0	e

Hämolyseindex Probe B

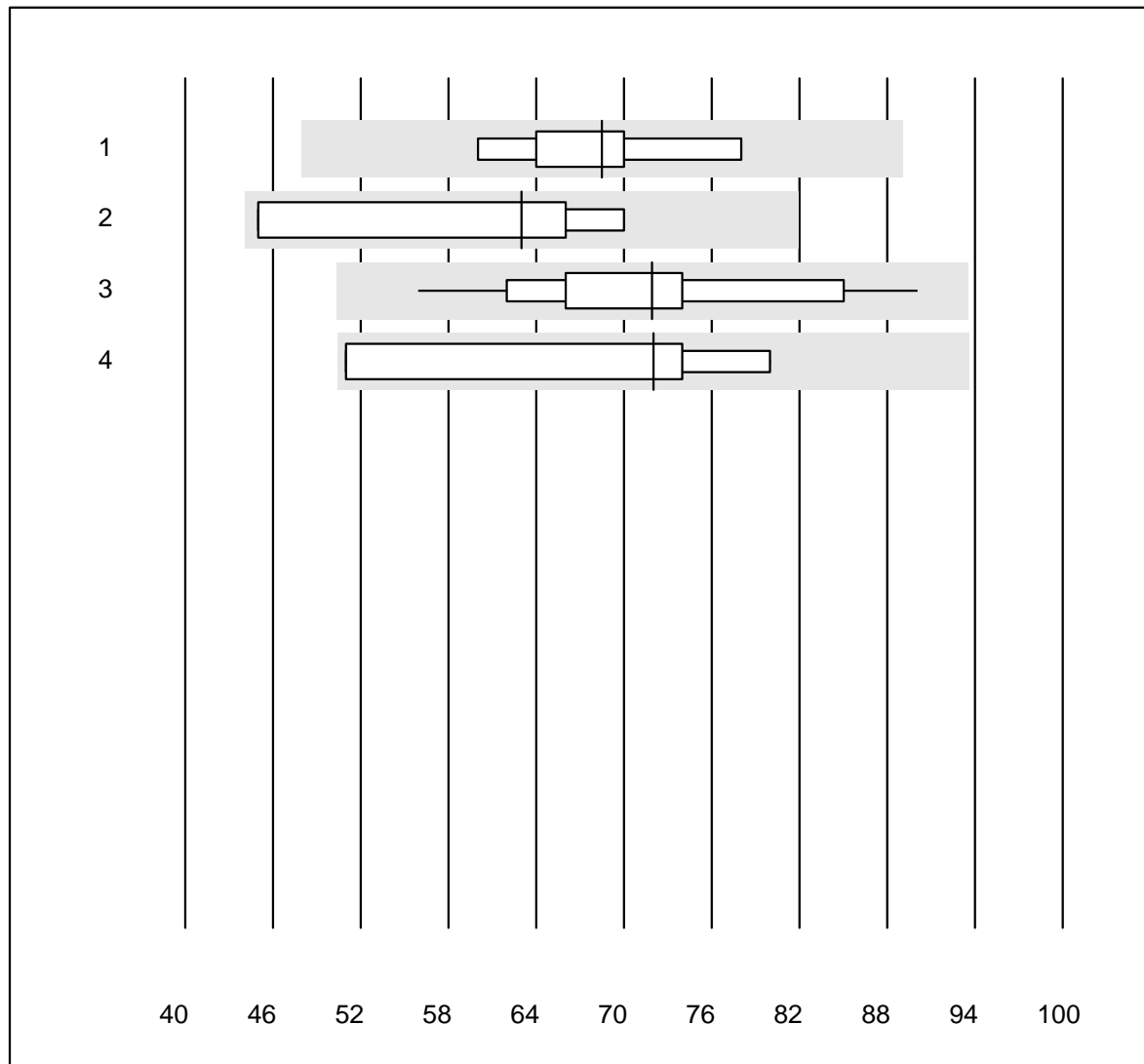


MQ tolerance : 15 %

Hämolyseindex Probe B ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	15	93.3	6.7	0.0	26.07	8.0	e*

Erythrocyte sedimentation rate 1h

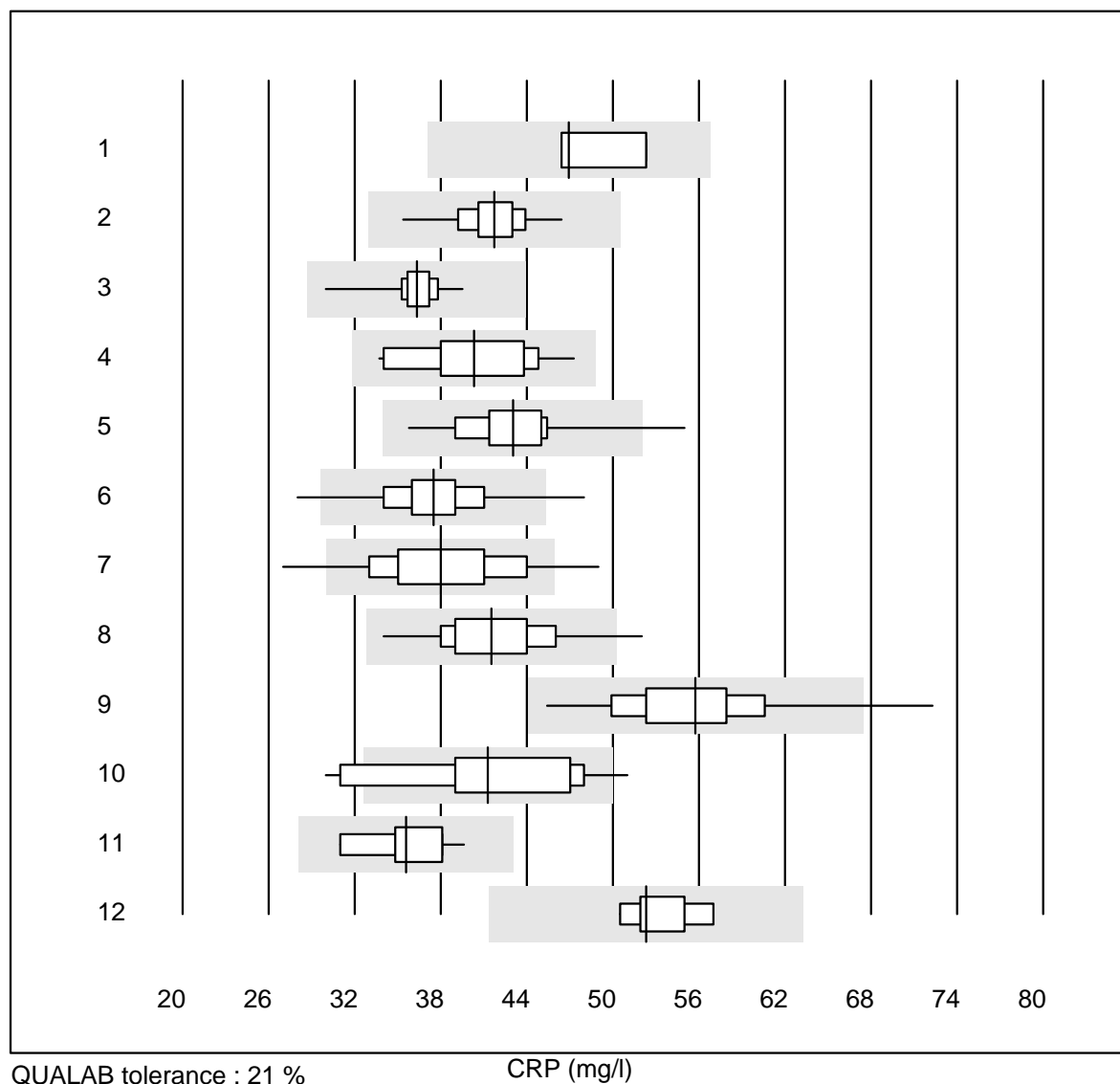


MQ tolerance : 30 %

Erythrocyte sedimentation rate 1h (mm/h)

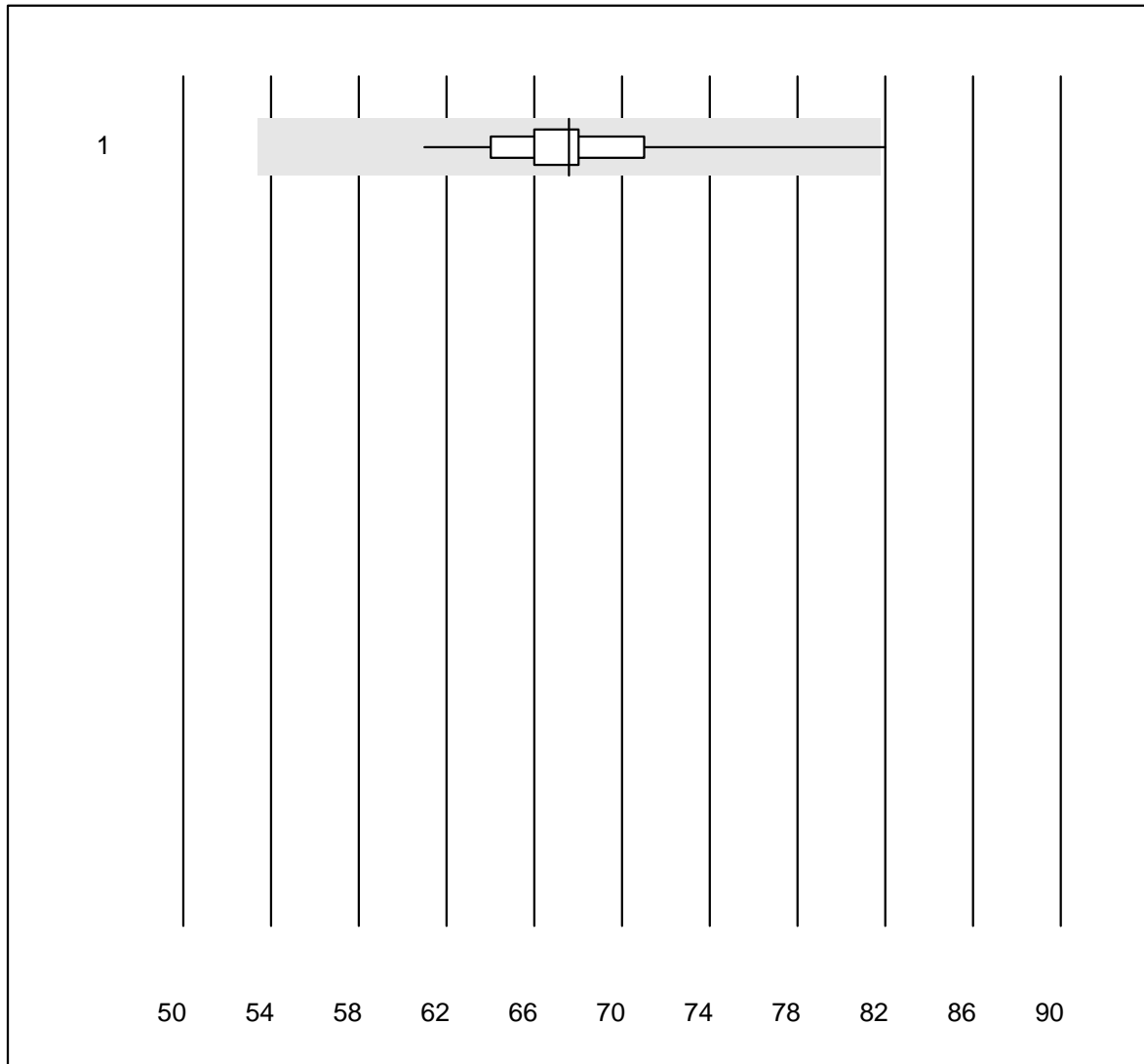
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sarstedt Sedivette	12	100.0	0.0	0.0	69	8.9	e
2	Sarstedt Microvette	4	100.0	0.0	0.0	63	18.2	e*
3	BD Seditainer	16	100.0	0.0	0.0	72	12.8	e
4	Other methods	4	100.0	0.0	0.0	72	18.2	e*

CRP



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IChroma	4	75.0	0.0	25.0	46.9	6.4	e*
2	Celltac chemi	30	100.0	0.0	0.0	41.7	5.0	e
3	Cobas b101	92	98.9	0.0	1.1	36.3	3.5	e
4	Cobas	18	100.0	0.0	0.0	40.3	10.0	e
5	Turbidimetry	39	94.8	2.6	2.6	43.0	7.5	e
6	Afinion	1374	98.7	0.7	0.6	37.5	7.1	e
7	NycoCard SingleTest-	200	80.0	9.5	10.5	38.0	11.5	e
8	Quick Read go	131	99.2	0.8	0.0	41.5	7.7	e
9	Eurolyser	116	76.7	4.3	19.0	55.7	9.4	e
10	Fuji Dri-Chem	18	77.8	22.2	0.0	41.3	14.9	e*
11	Autolyser/DiaSys	11	90.9	0.0	9.1	35.6	7.8	e
12	Piccolo	7	100.0	0.0	0.0	52.3	4.1	e

CRP

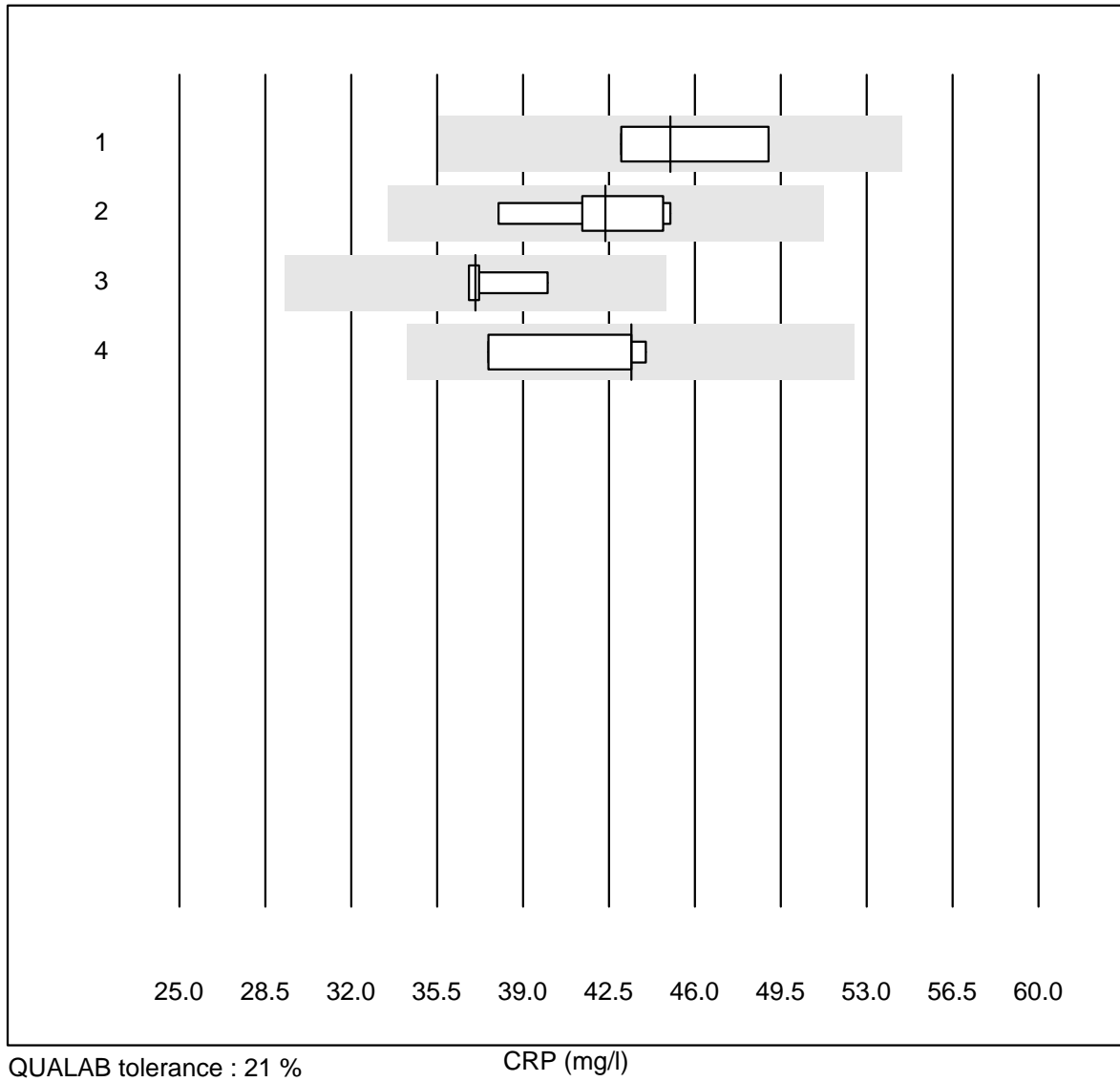


QUALAB tolerance : 21 %

CRP (mg/l)

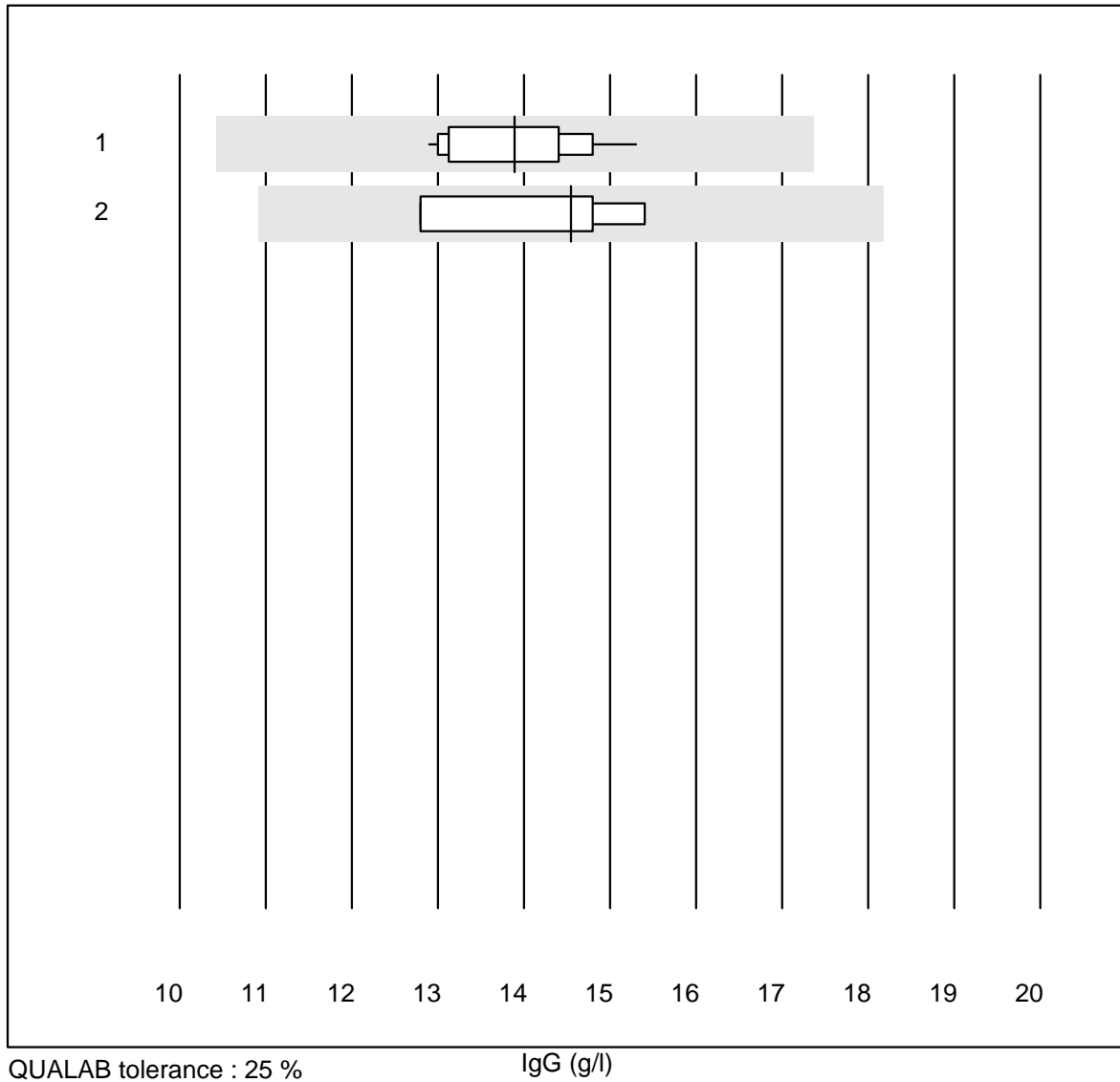
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	QuikRead (Vollblut)	79	98.7	1.3	0.0	67.6	5.1	e

CRP



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AQT 90 FLEX	7	100.0	0.0	0.0	45.0	5.8	e
2	Spotchem D-Concept	6	100.0	0.0	0.0	42.4	6.0	e
3	Spotchem SI-3510	4	100.0	0.0	0.0	37.1	4.0	e
4	Other methods	5	80.0	0.0	20.0	43.4	6.9	e*

IgG

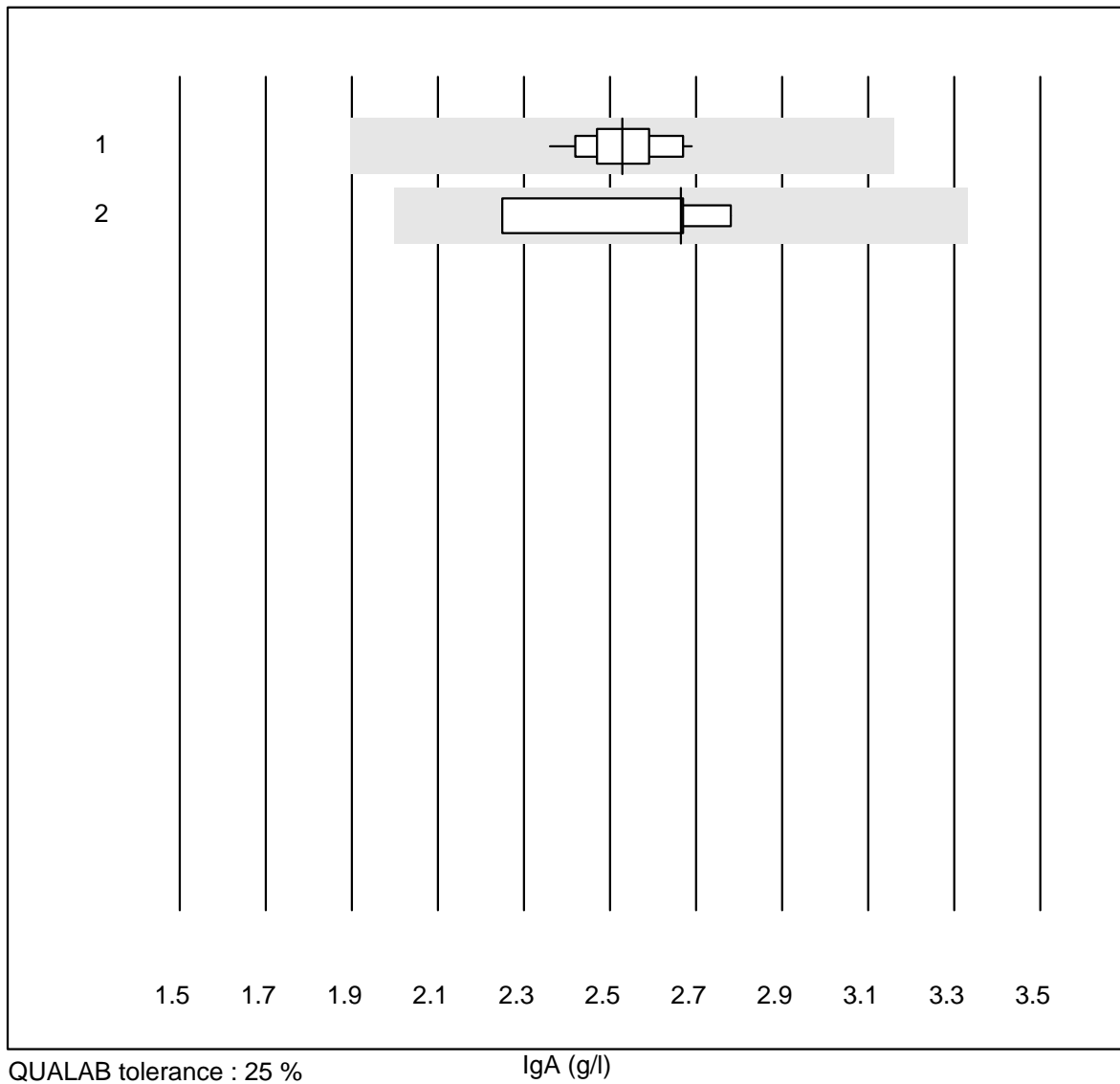


QUALAB tolerance : 25 %

IgG (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	13	100.0	0.0	0.0	13.9	5.4	e
2	Nephelometry	4	100.0	0.0	0.0	14.6	7.8	e*

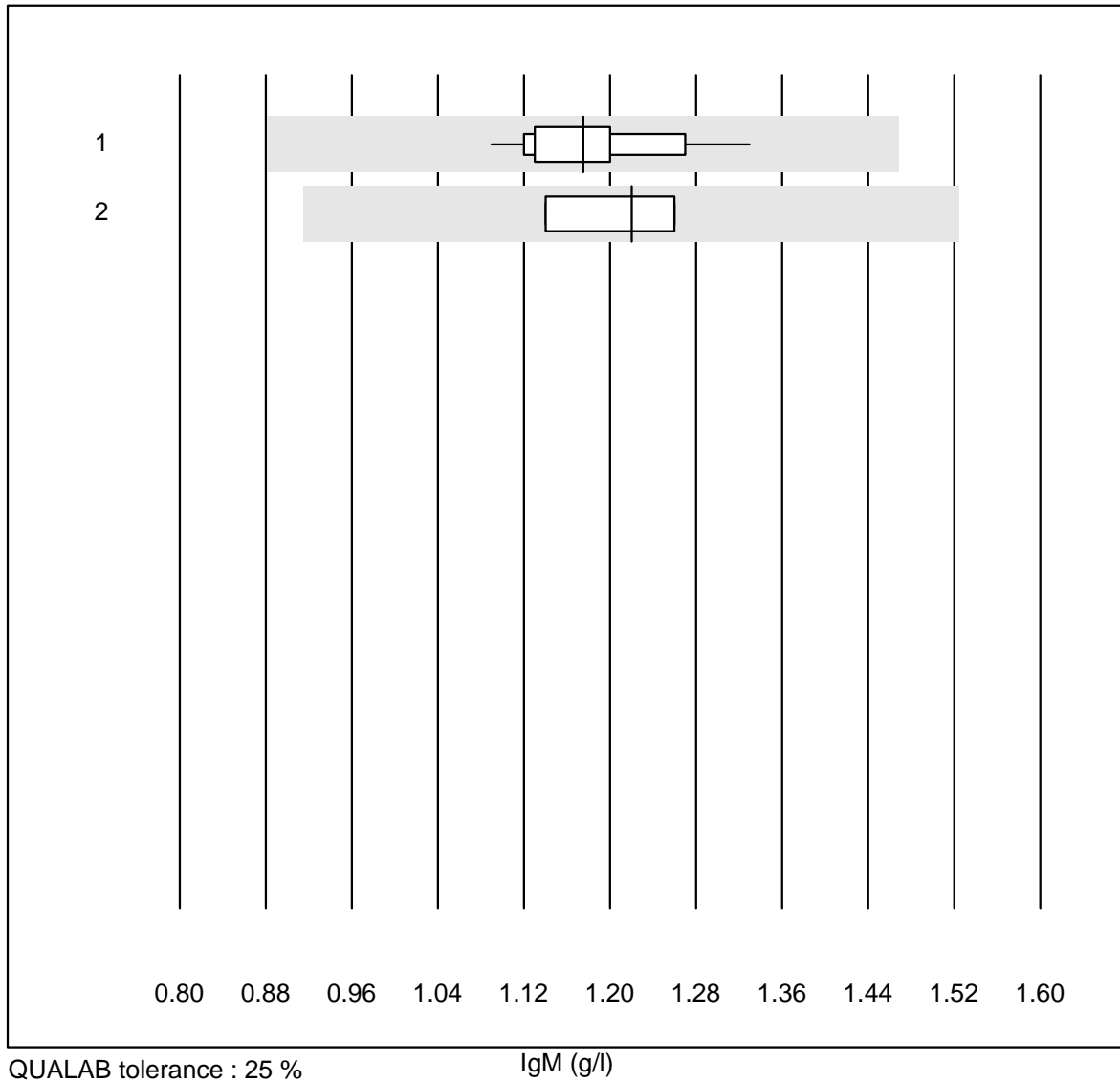
IgA



QUALAB tolerance : 25 %

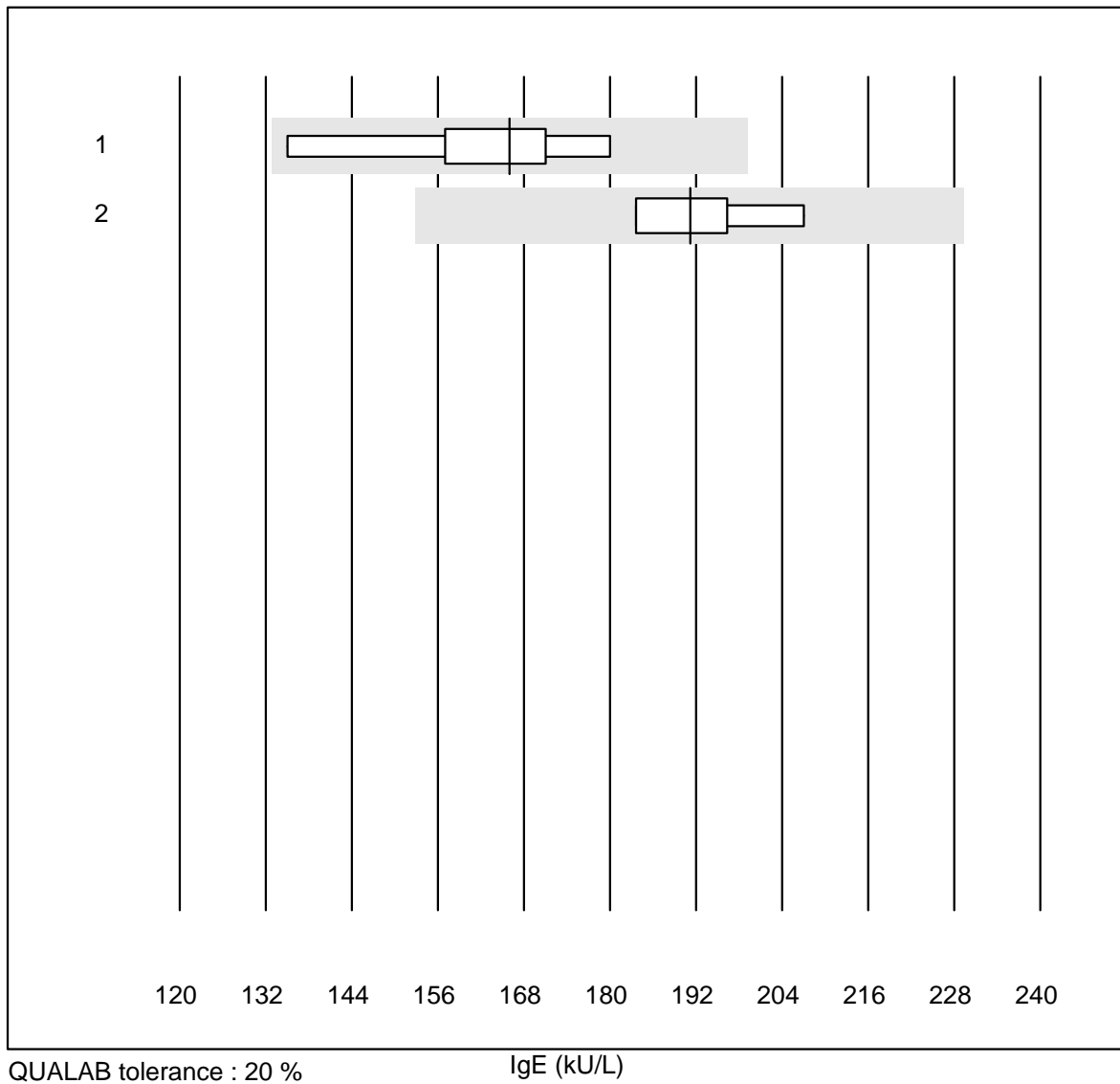
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	15	100.0	0.0	0.0	2.5	3.6	e
2	Nephelometry	4	100.0	0.0	0.0	2.7	9.0	e*

IgM



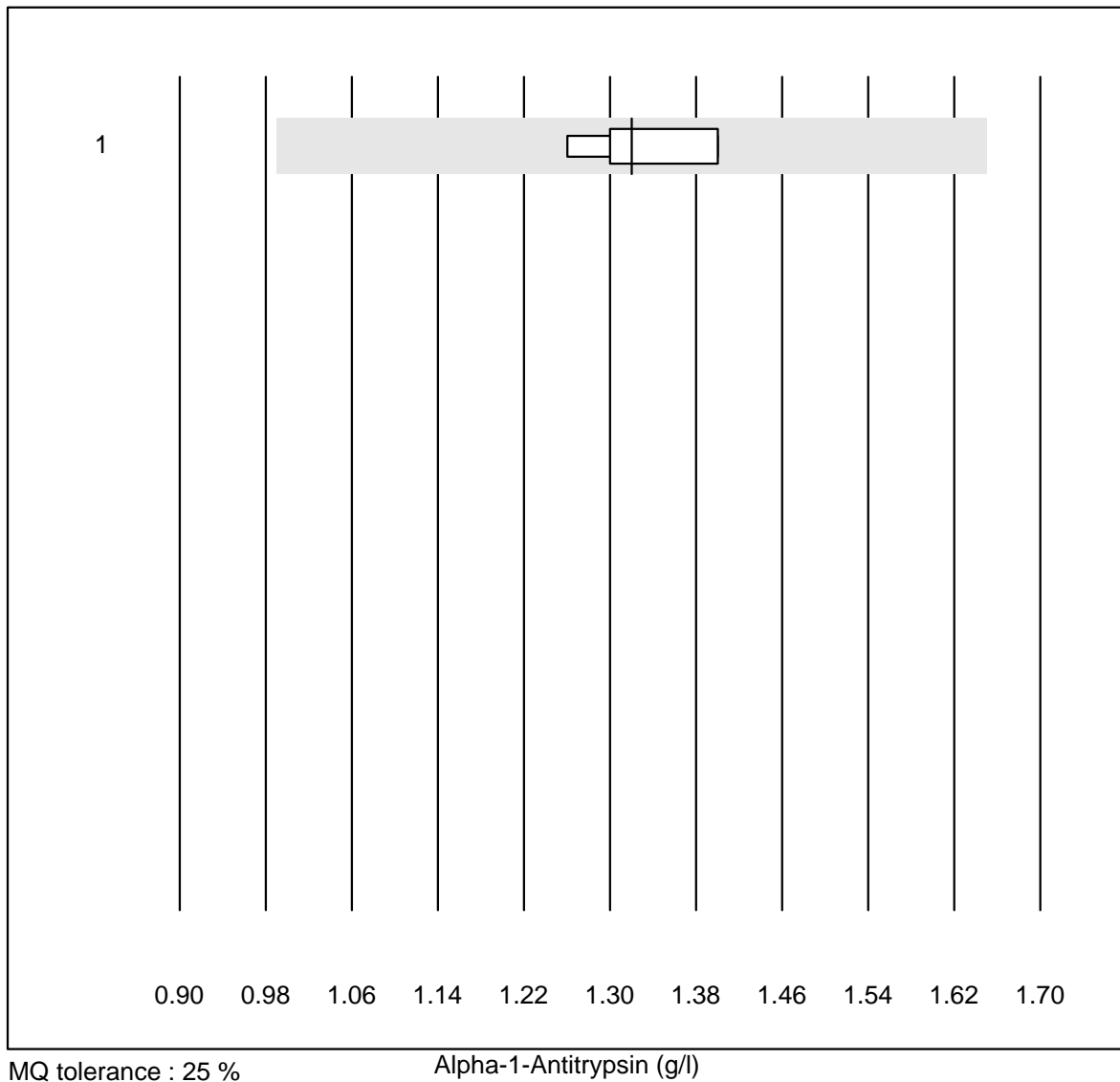
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	14	100.0	0.0	0.0	1.2	5.7	e
2	Nephelometry	4	100.0	0.0	0.0	1.2	5.0	e

IgE



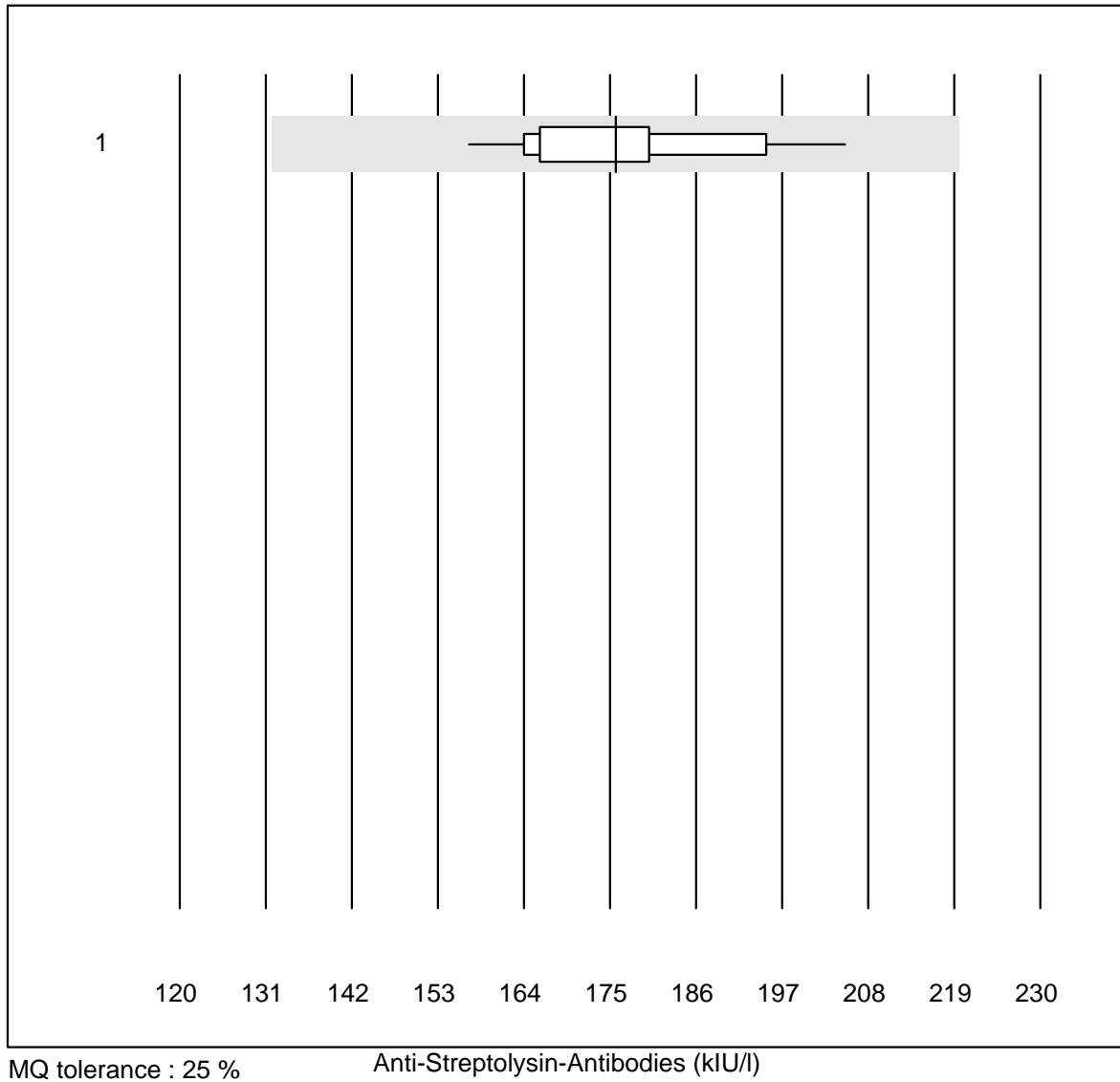
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	100.0	0.0	0.0	166	9.6	e*
2	Cobas	4	100.0	0.0	0.0	191	5.5	e*

Alpha-1-Antitrypsin



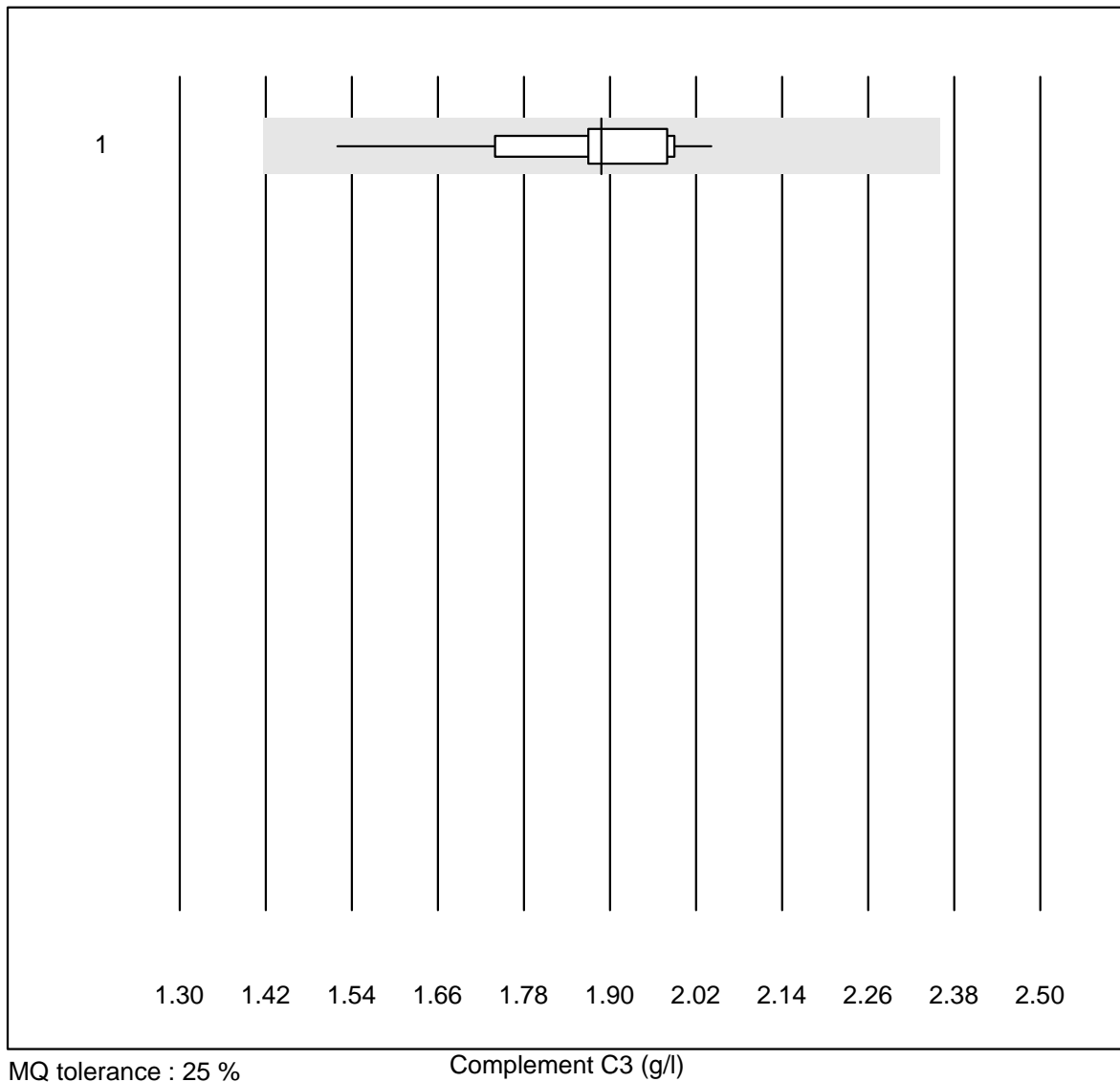
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	6	100.0	0.0	0.0	1.32	4.2	e

Anti-Streptolysin-Antibodies



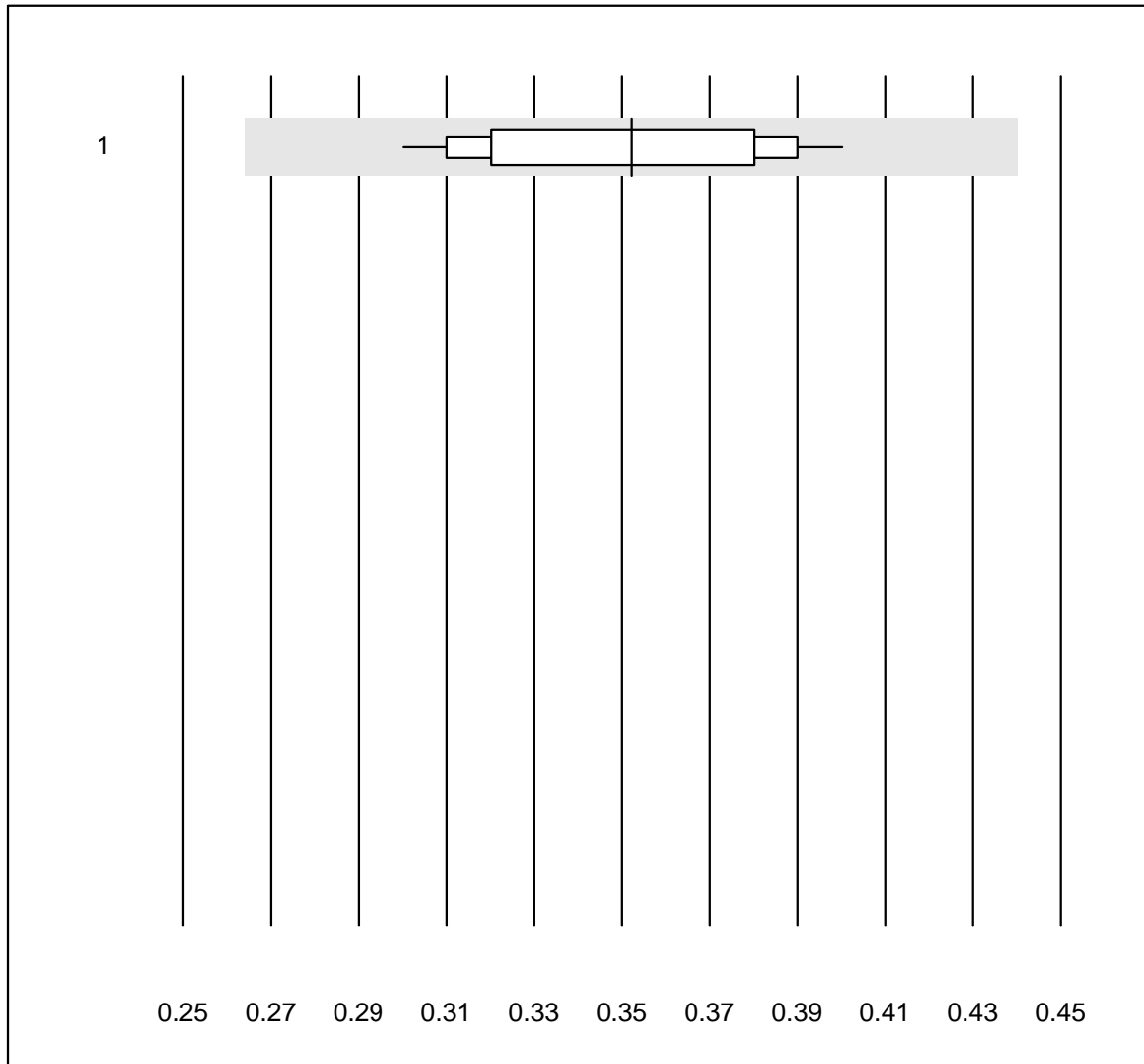
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	11	100.0	0.0	0.0	176	7.9	e

Complement C3



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	12	100.0	0.0	0.0	1.89	7.4	e

Complement C4

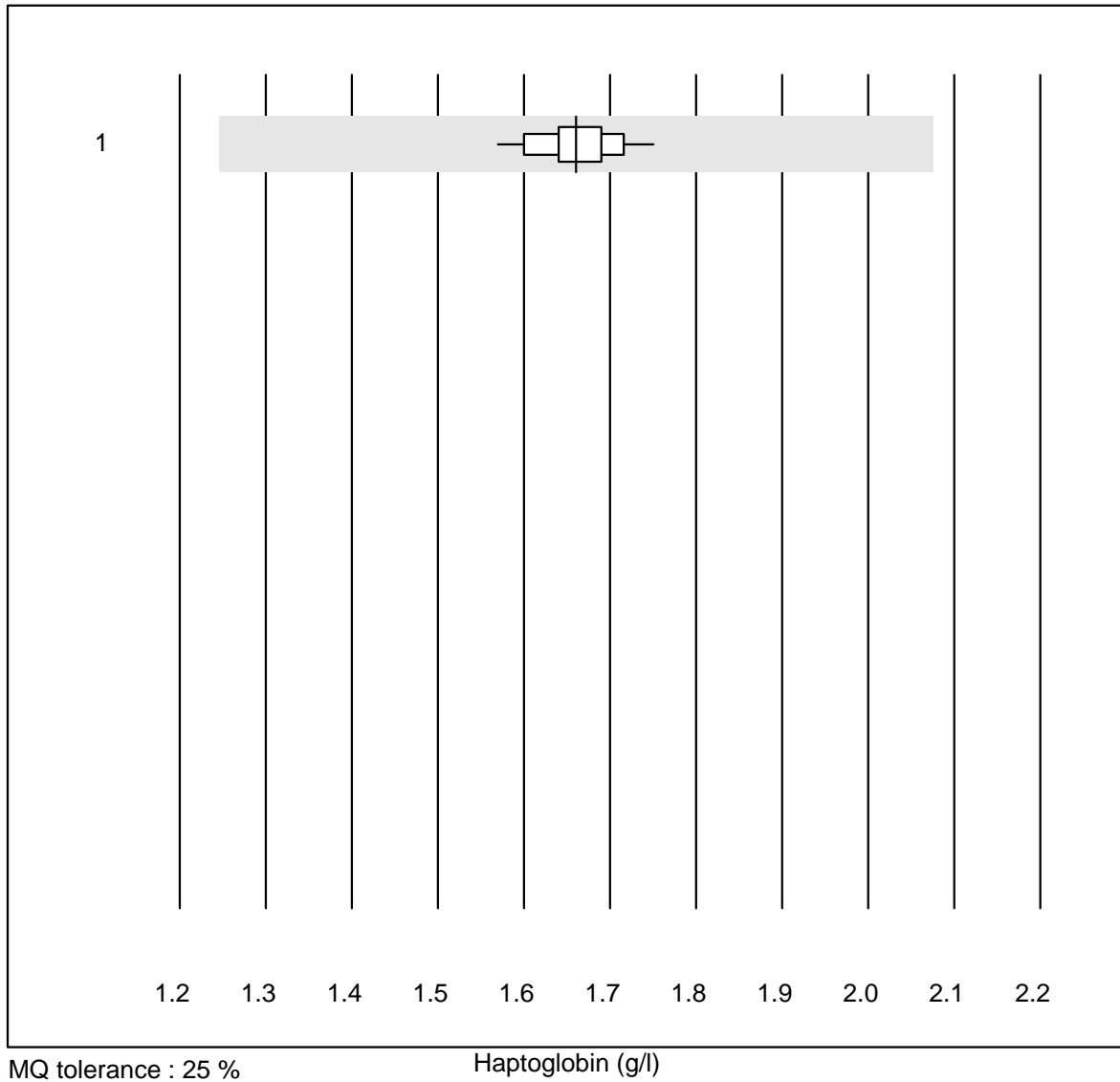


MQ tolerance : 25 %

Complement C4 (g/l)

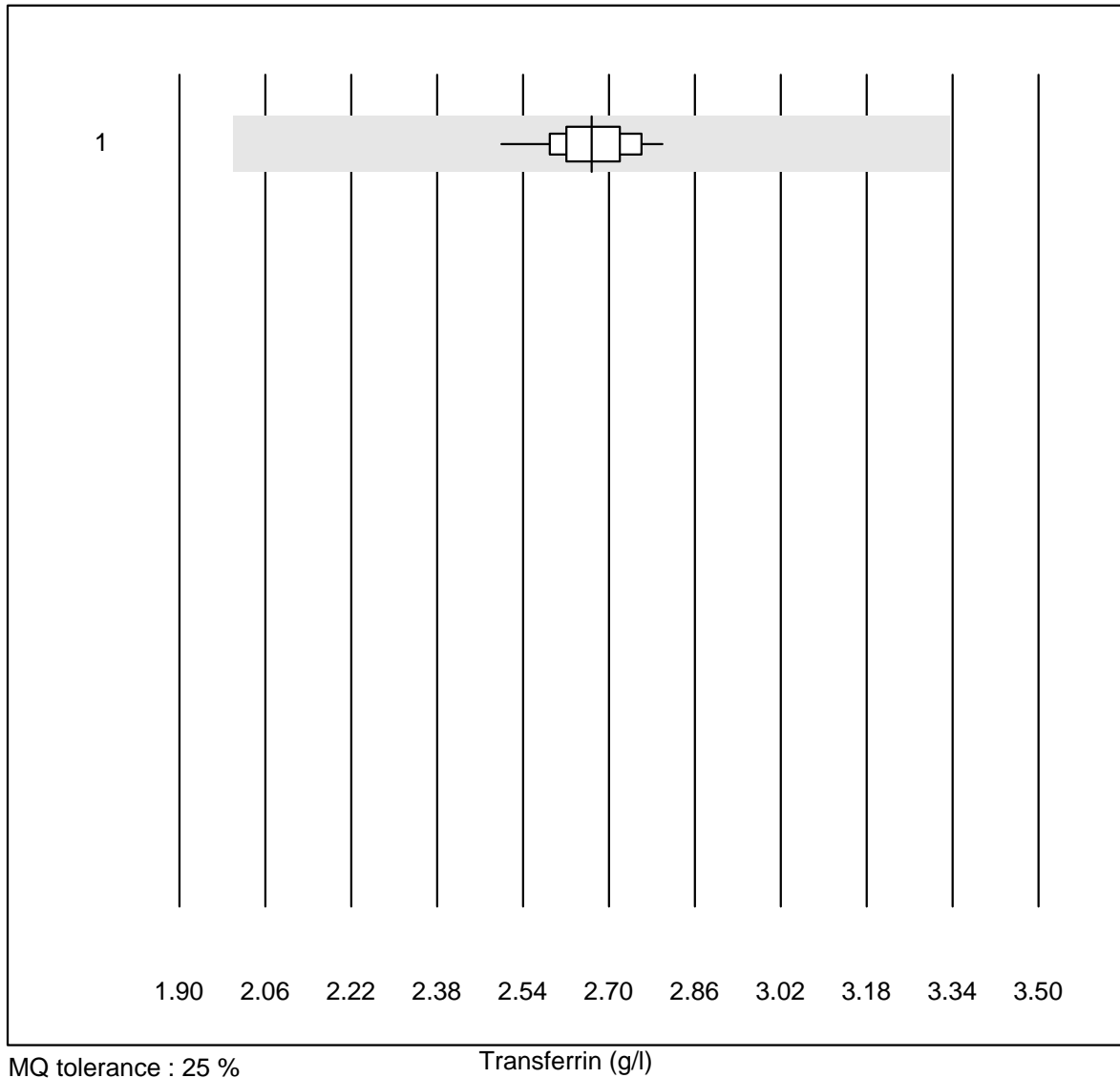
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	11	100.0	0.0	0.0	0.35	9.3	e

Haptoglobin



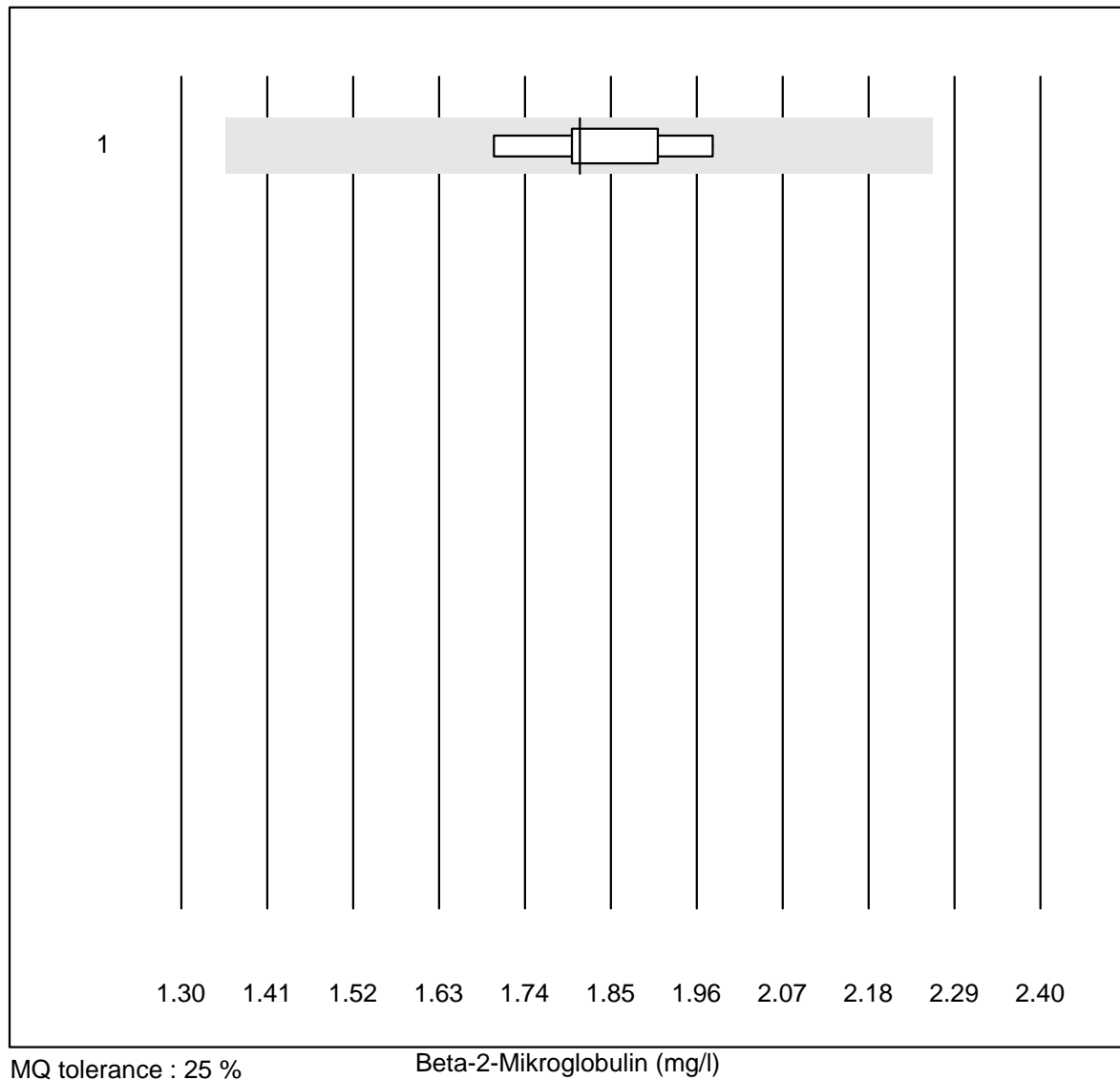
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	16	100.0	0.0	0.0	1.66	2.7	e

Transferrin



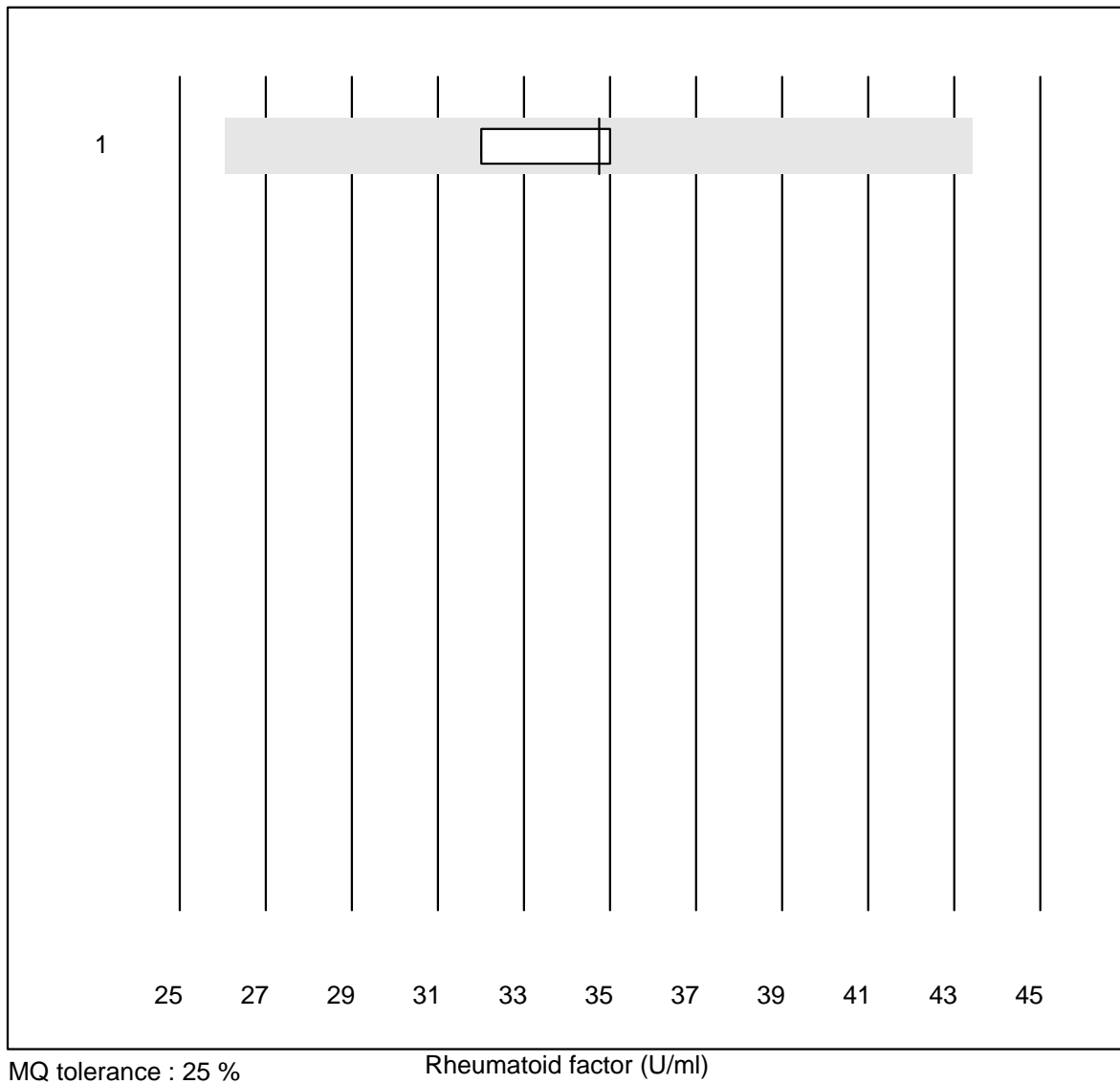
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	21	100.0	0.0	0.0	2.67	2.9	e

Beta-2-Mikroglobulin



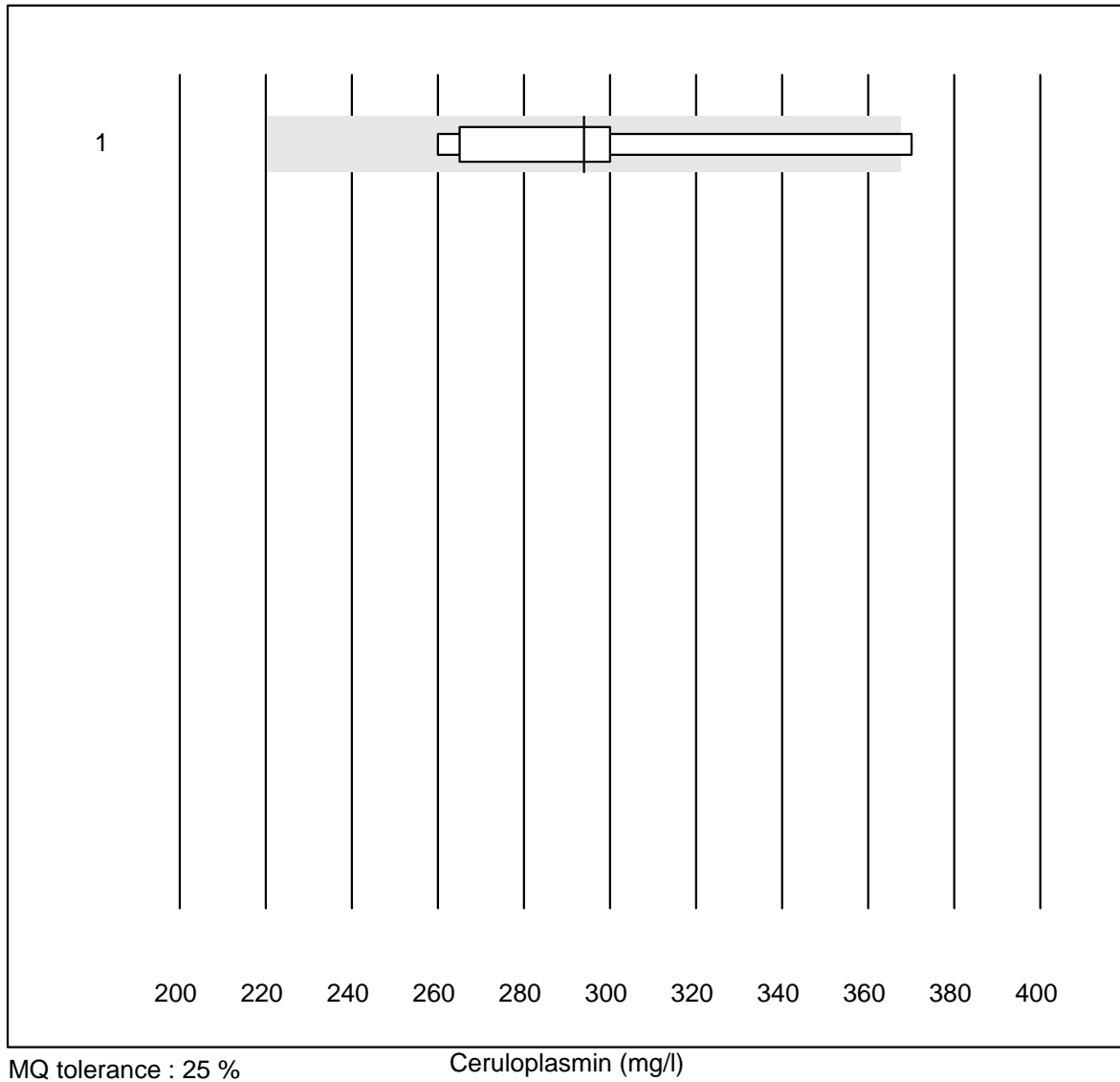
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	100.0	0.0	0.0	1.81	5.3	e

Rheumatoid factor



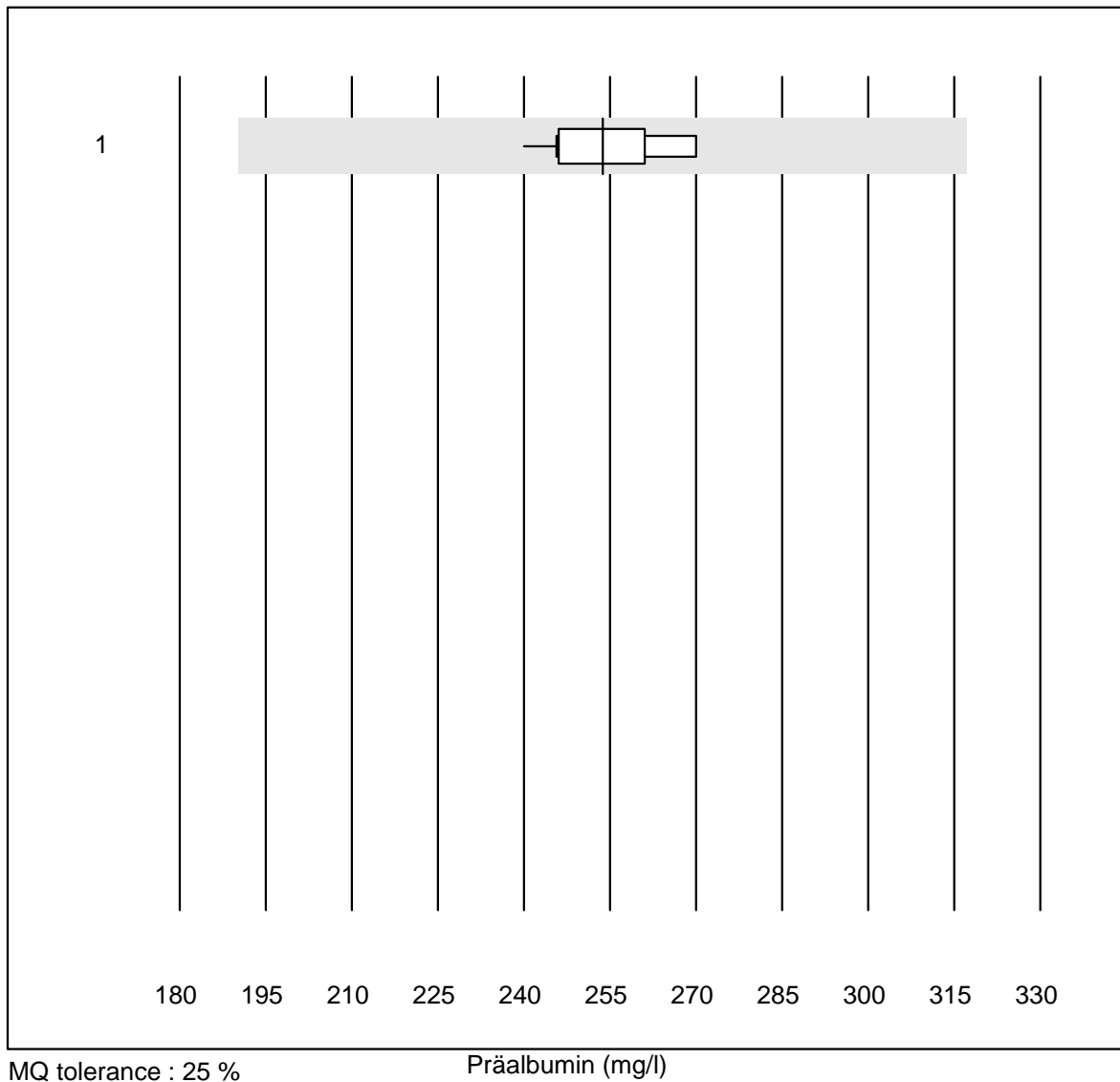
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	4	100.0	0.0	0.0	34.8	4.2	e

Ceruloplasmin



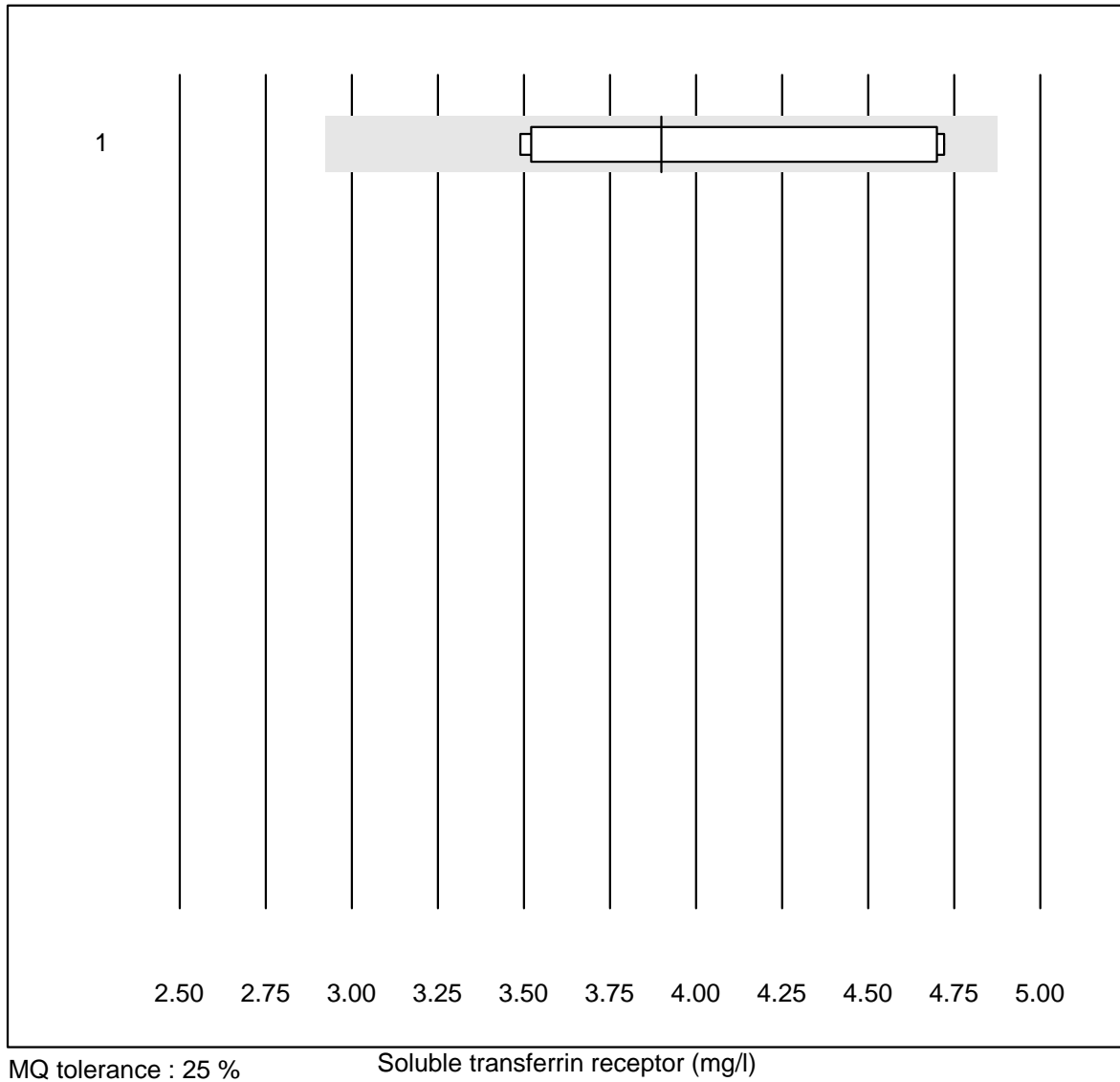
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	83.3	16.7	0.0	294.0	13.8	a

Präalbumin



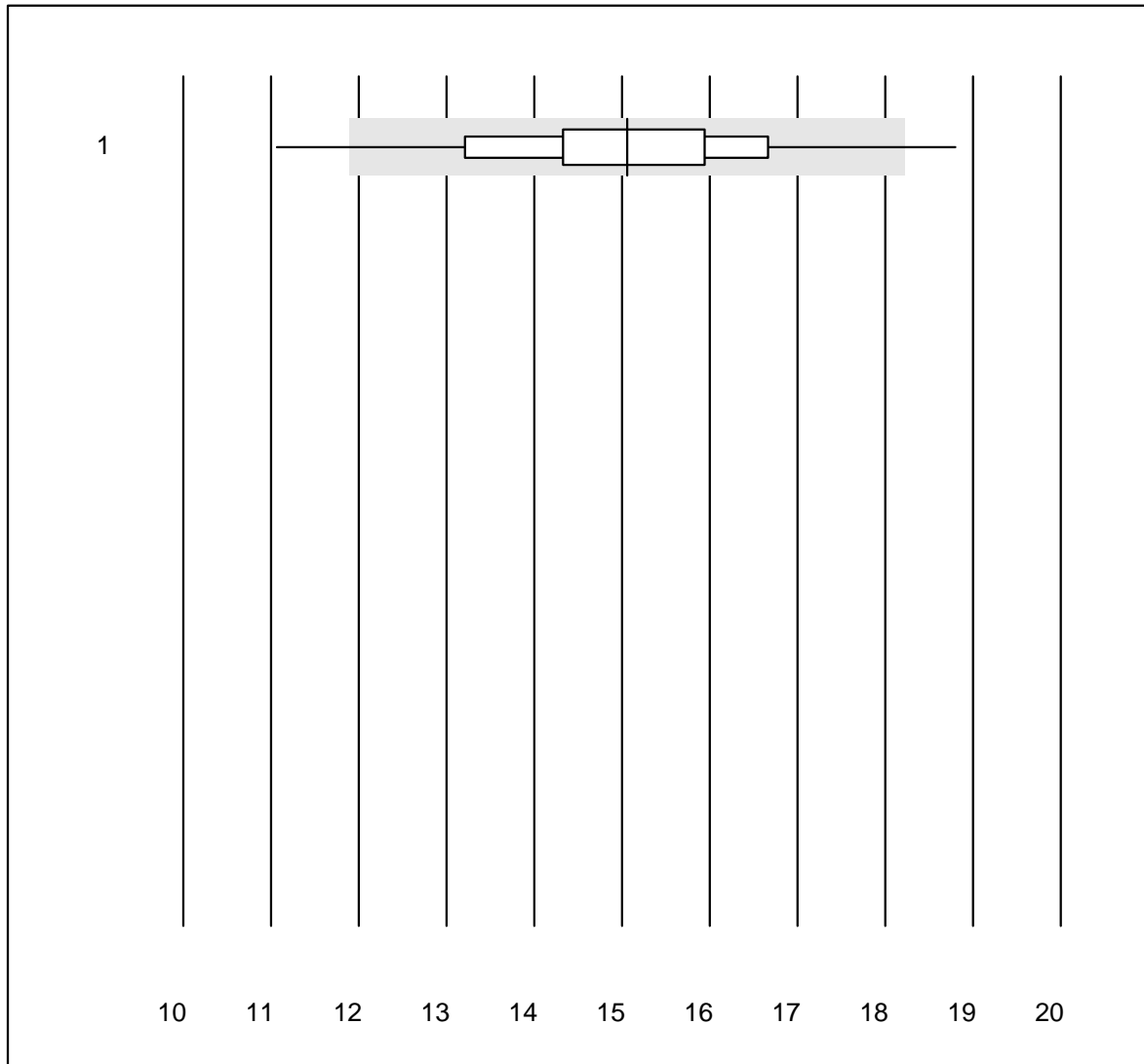
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	11	100.0	0.0	0.0	253.7	3.8	e

Soluble transferrin receptor



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	100.0	0.0	0.0	3.9	13.7	e*

CRP

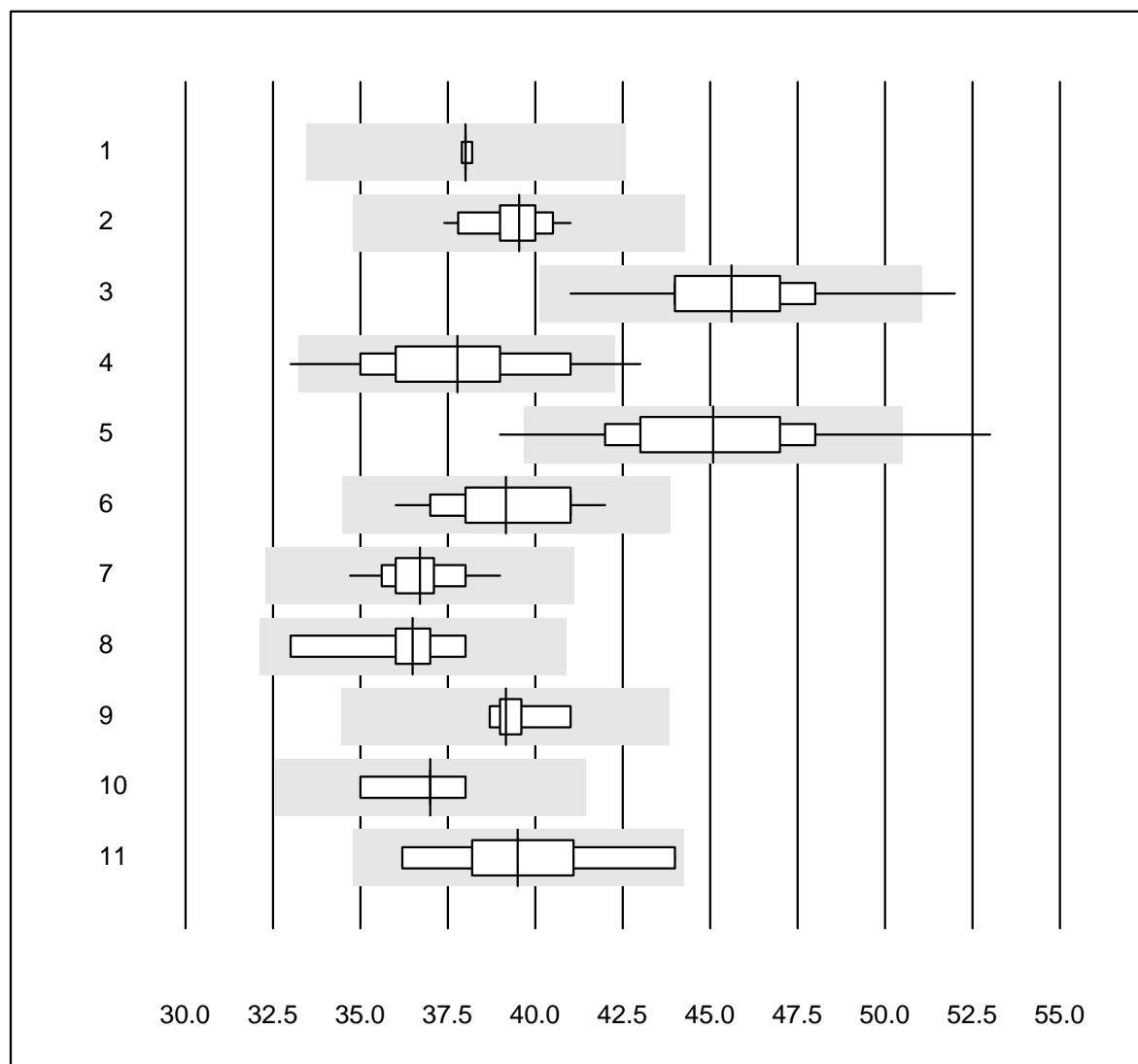


QUALAB tolerance : 21 %

CRP (mg/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 AFIAS	65	92.3	4.6	3.1	15.1	9.4	e

Albumine

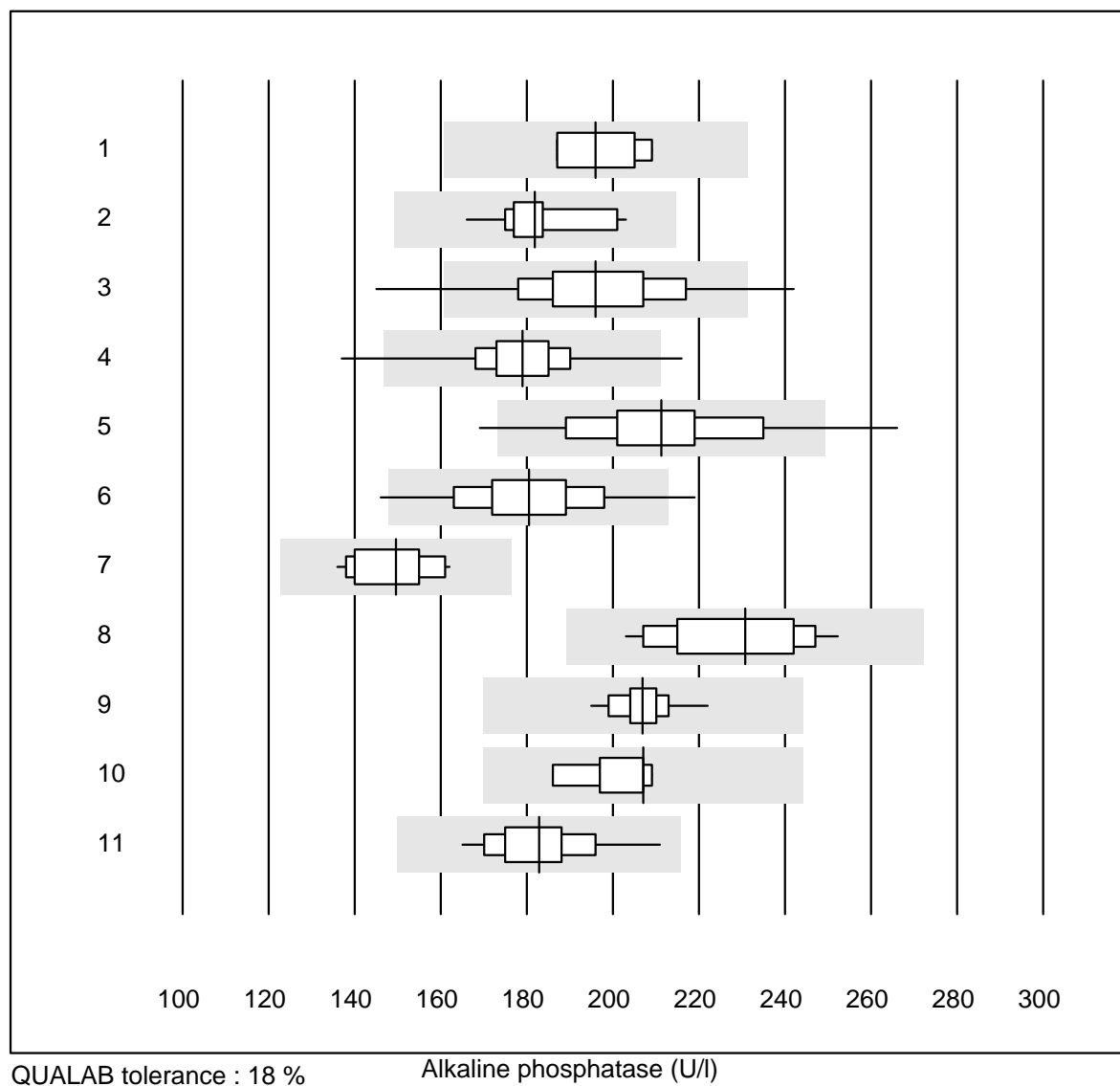


QUALAB tolerance : 12 %

Albumine (g/l)

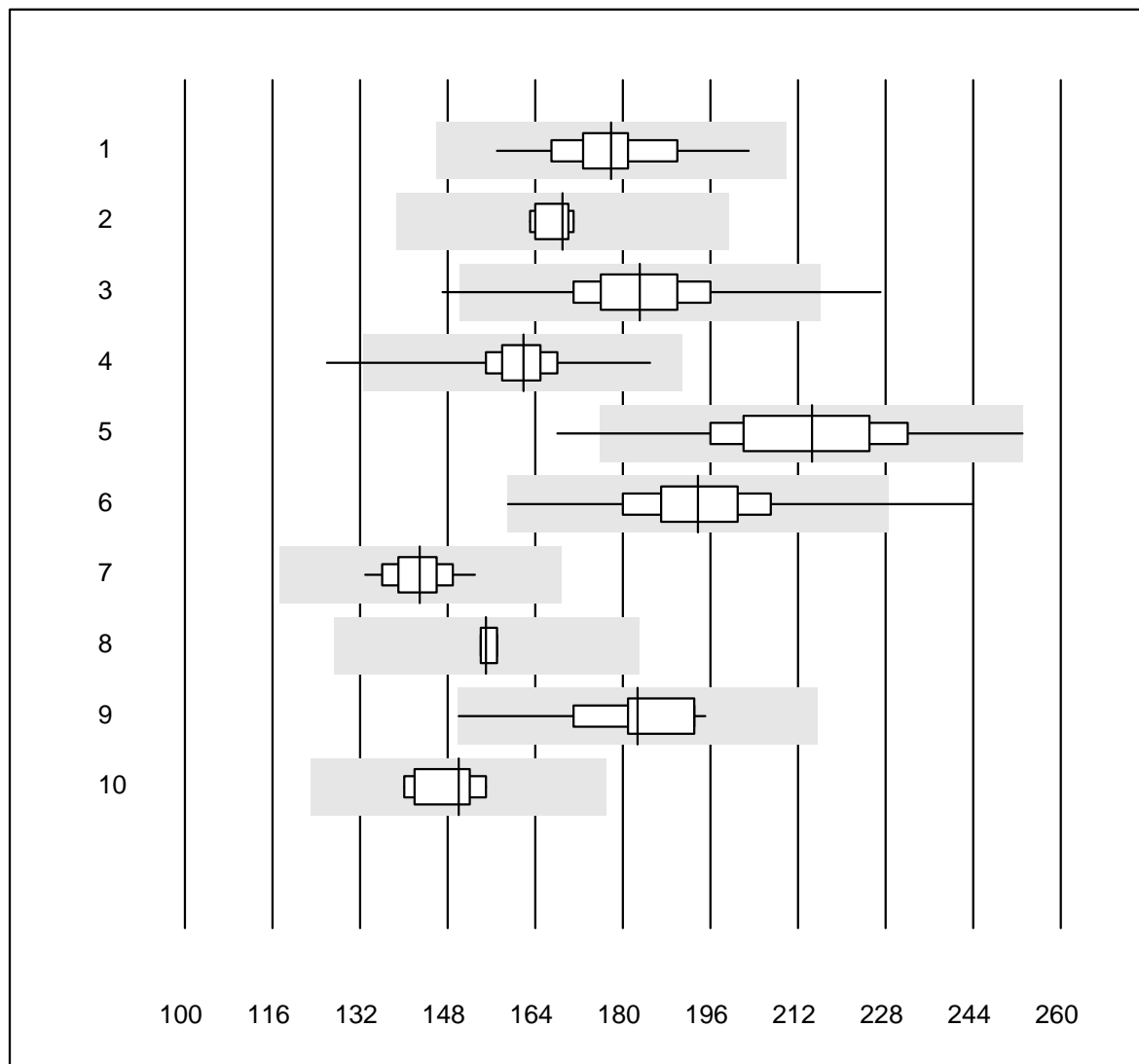
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	6	100.0	0.0	0.0	38	0.3	e
2	Cobas	15	100.0	0.0	0.0	40	2.4	e
3	Fuji Dri-Chem	224	99.6	0.4	0.0	46	3.8	e
4	Spotchem/Ready	31	90.3	6.5	3.2	38	6.0	e
5	Spotchem D-Concept	127	93.0	3.9	3.1	45	5.7	e
6	Piccolo	48	93.7	0.0	6.3	39	4.6	e
7	Beckmann	14	100.0	0.0	0.0	37	2.8	e
8	Skyla	6	100.0	0.0	0.0	37	4.8	e*
9	Abx Mira	6	100.0	0.0	0.0	39	2.1	e
10	Hitachi S40/M40	9	100.0	0.0	0.0	37	2.5	e
11	Autolyser/DiaSys	7	100.0	0.0	0.0	40	6.2	e*

Alkaline phosphatase



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	4	100.0	0.0	0.0	196	5.9	e*
2 Cobas	18	100.0	0.0	0.0	182	4.9	e
3 Reflotron	566	96.1	2.8	1.1	196	7.8	e
4 Fuji Dri-Chem	768	99.2	0.4	0.4	179	5.1	e
5 Spotchem/Ready	68	95.6	2.9	1.5	211	8.3	e
6 Spotchem D-Concept	234	96.6	2.1	1.3	180	7.2	e
7 Hitachi S40/M40	16	100.0	0.0	0.0	150	5.6	e
8 Beckman	18	100.0	0.0	0.0	231	6.7	e
9 Piccolo	40	100.0	0.0	0.0	207	2.7	e
10 Abx Mira	9	55.6	0.0	44.4	207	4.6	e
11 Autolyser/DiaSys	17	100.0	0.0	0.0	183	6.1	e

Amylase

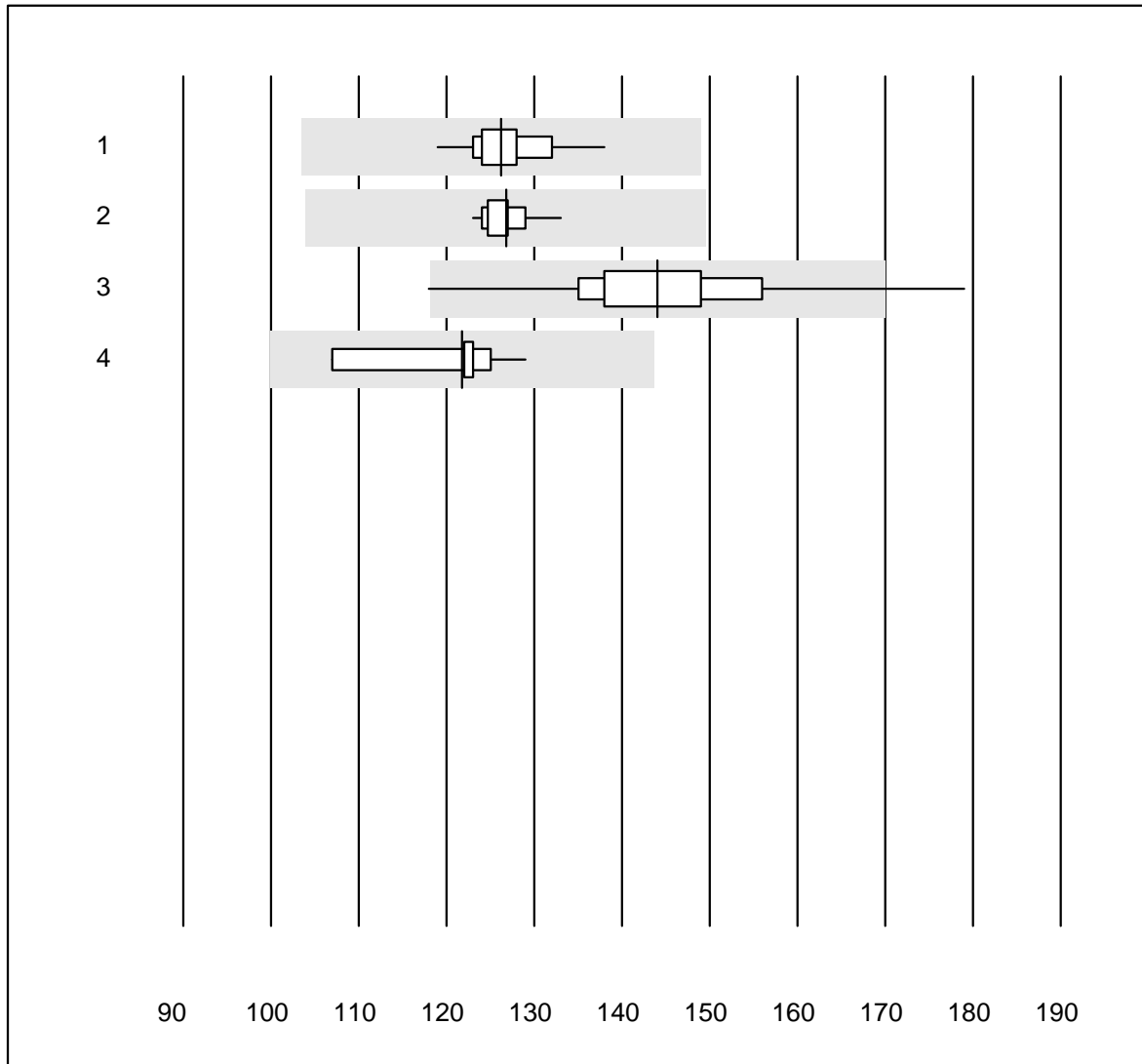


QUALAB tolerance : 18 %

Amylase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	14	100.0	0.0	0.0	178	6.2	e
2	Cobas	5	100.0	0.0	0.0	169	2.2	e
3	Reflotron	150	98.7	1.3	0.0	183	5.7	e
4	Fuji Dri-Chem	560	99.6	0.2	0.2	162	3.4	e
5	Spotchem/Ready	46	97.8	2.2	0.0	215	7.6	e
6	Spotchem D-Concept	182	98.4	1.1	0.5	194	6.1	e
7	Piccolo	40	100.0	0.0	0.0	143	3.4	e
8	Abx Mira	4	75.0	0.0	25.0	155	1.0	e
9	Hitachi S40/M40	11	100.0	0.0	0.0	183	7.2	e*
10	Autolyser/DiaSys	5	100.0	0.0	0.0	150	4.4	e

Pancreatic amylase

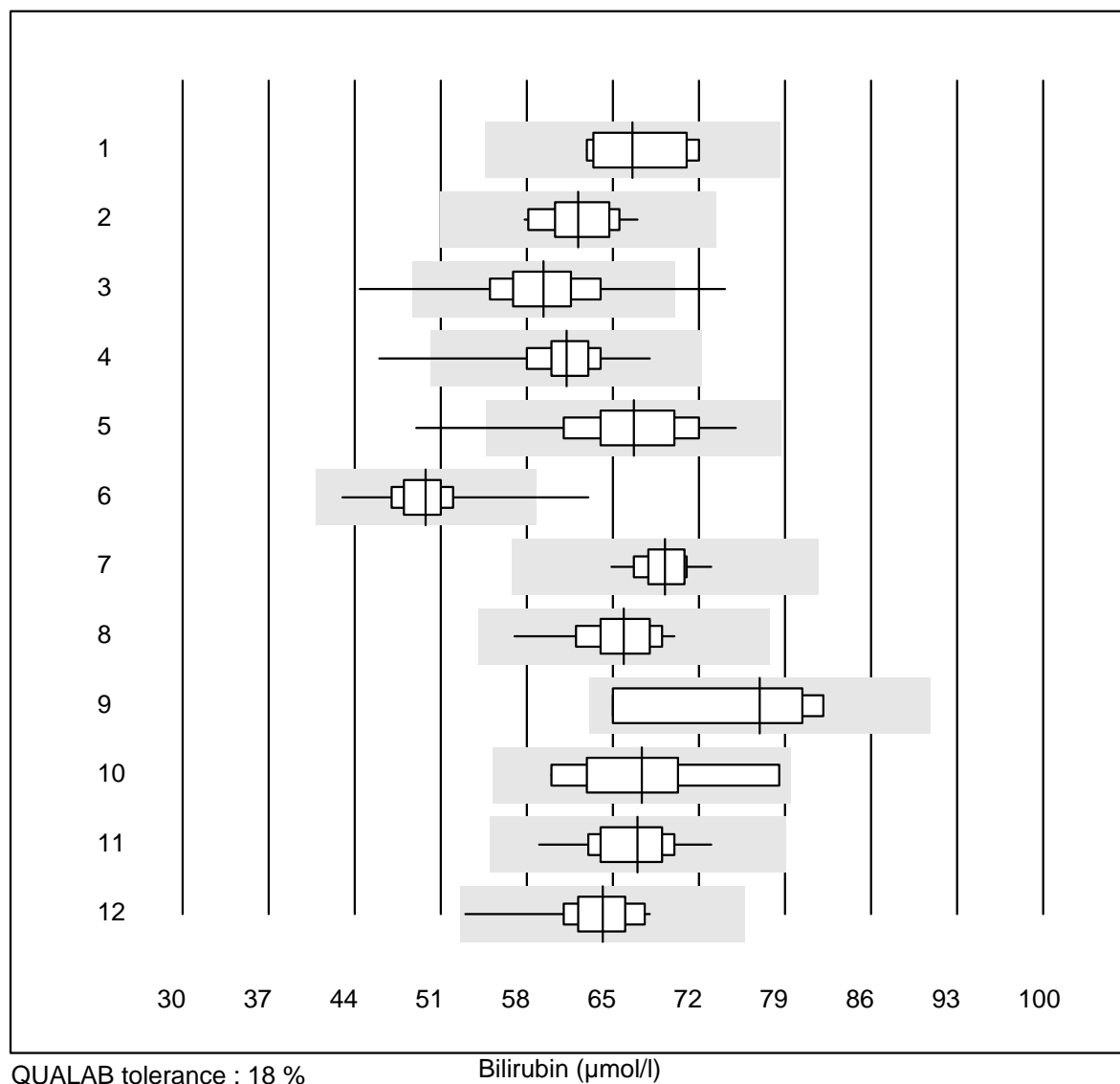


QUALAB tolerance : 18 %

Pancreatic amylase (U/l)

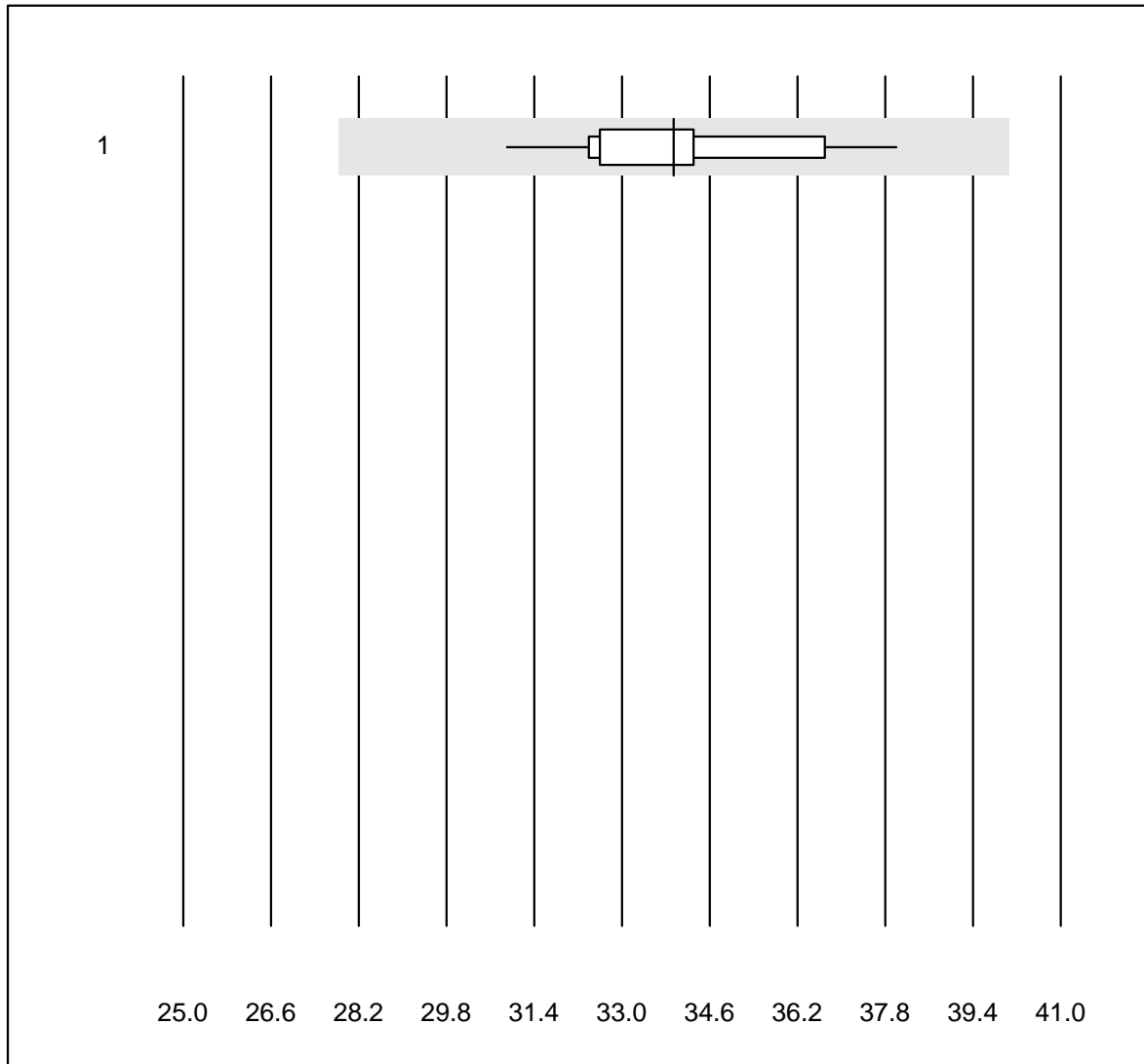
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	21	100.0	0.0	0.0	126	3.4	e
2 Cobas	11	100.0	0.0	0.0	127	2.1	e
3 Reflotron	377	95.8	1.3	2.9	144	6.2	e
4 Autolyser/DiaSys	10	100.0	0.0	0.0	122	4.6	e

Bilirubin



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	7	100.0	0.0	0.0	66.6	5.5	e
2	Cobas	17	100.0	0.0	0.0	62.2	4.4	e
3	Reflotron	407	96.6	0.7	2.7	59.4	6.2	e
4	Fuji Dri-Chem	610	98.4	0.8	0.8	61.2	4.3	e
5	Spotchem/Ready	63	93.7	6.3	0.0	66.7	9.0	e
6	Spotchem D-Concept	187	97.3	1.6	1.1	49.8	5.4	e
7	Beckman	14	100.0	0.0	0.0	69.2	3.0	e
8	Piccolo	46	95.7	0.0	4.3	65.9	4.4	e
9	Skyla	4	100.0	0.0	0.0	77.0	10.3	e*
10	Abx Mira	10	90.0	0.0	10.0	67.4	8.5	e*
11	Hitachi S40/M40	12	100.0	0.0	0.0	67.0	5.5	e
12	Autolyser/DiaSys	15	100.0	0.0	0.0	64.2	5.7	e

Bilirubin direct

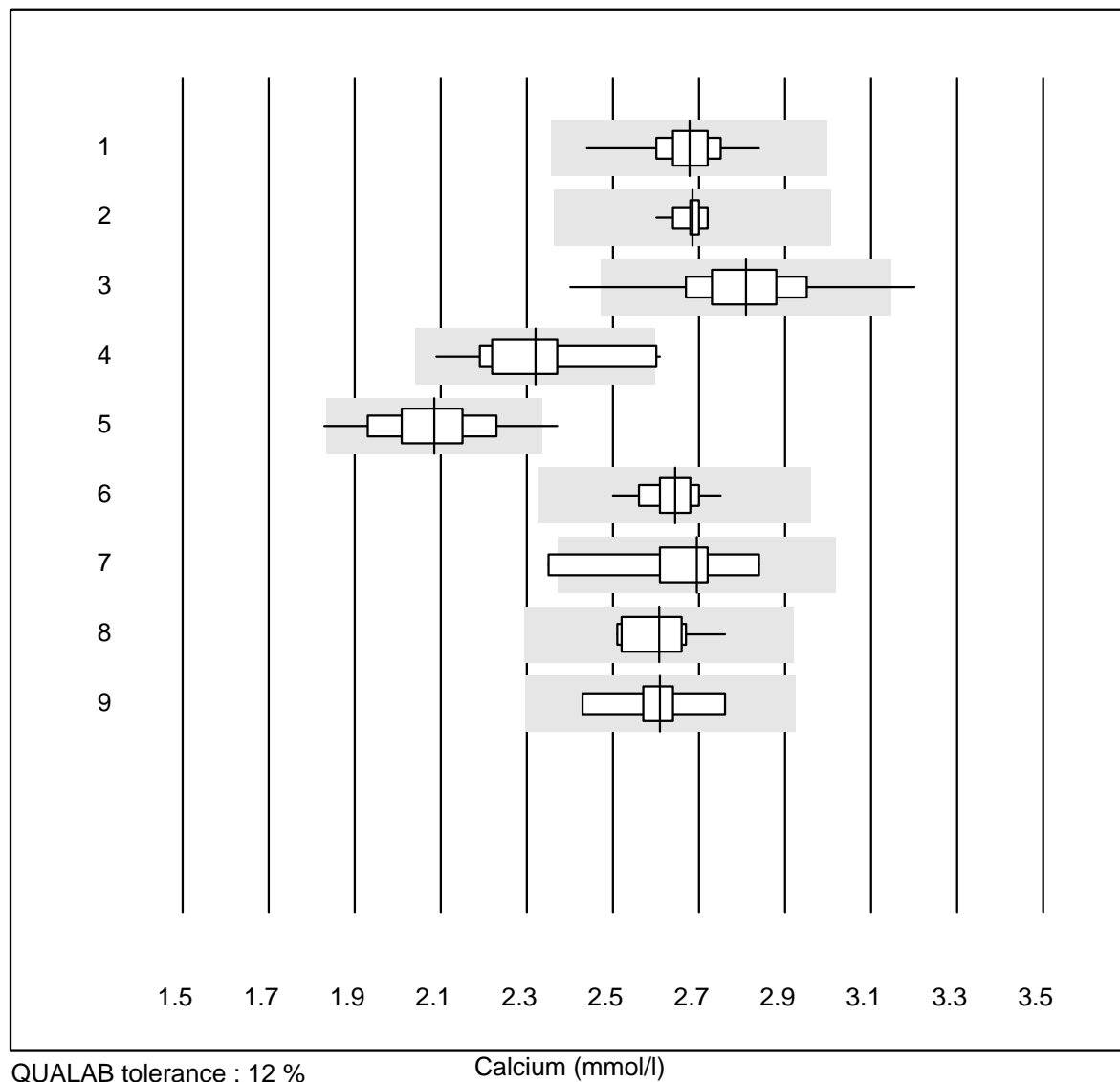


MQ tolerance : 18 %

Bilirubin direct (µmol/l)

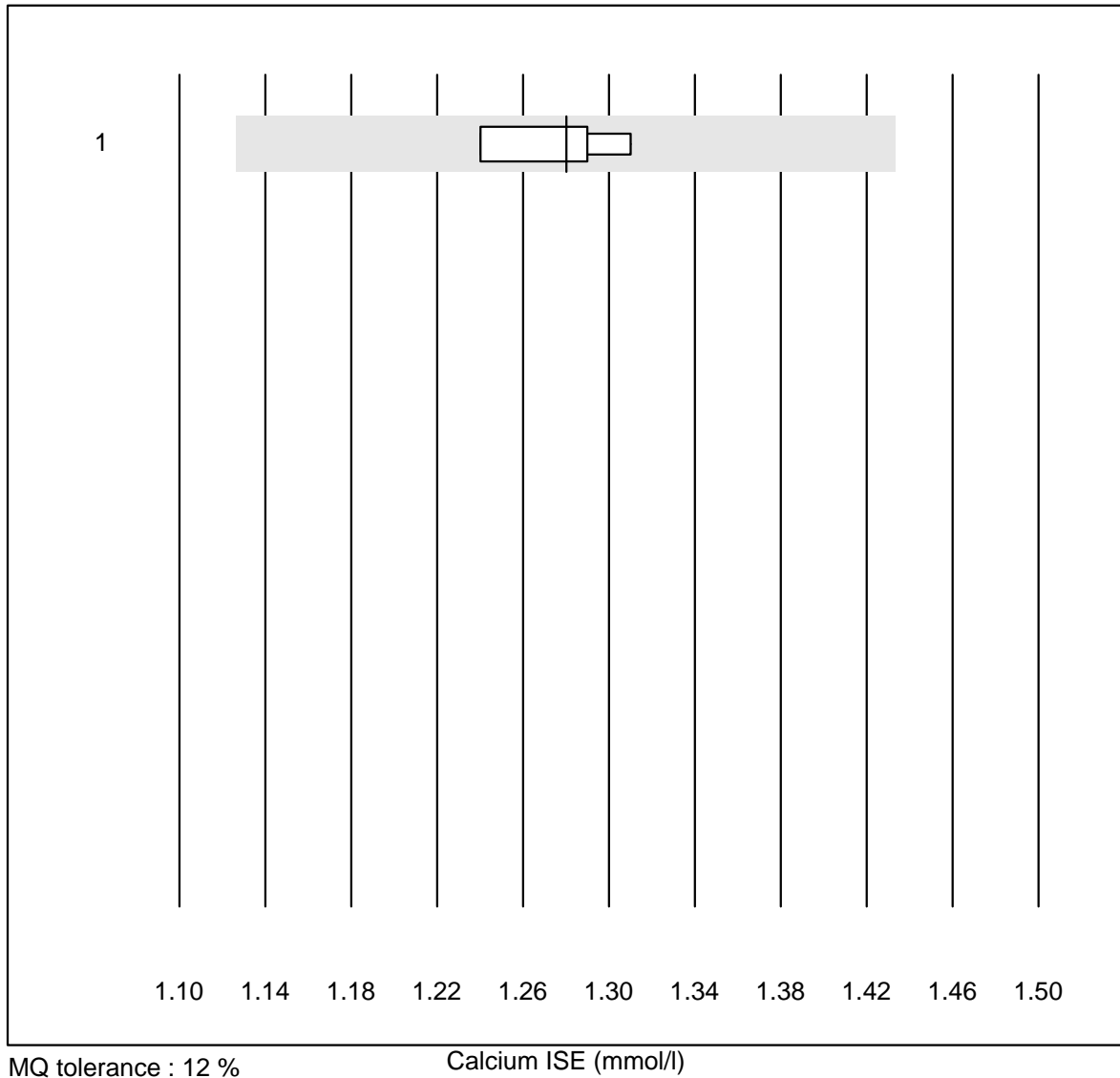
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Fuji Dri-Chem	26	92.3	0.0	7.7	33.9	4.8	e

Calcium



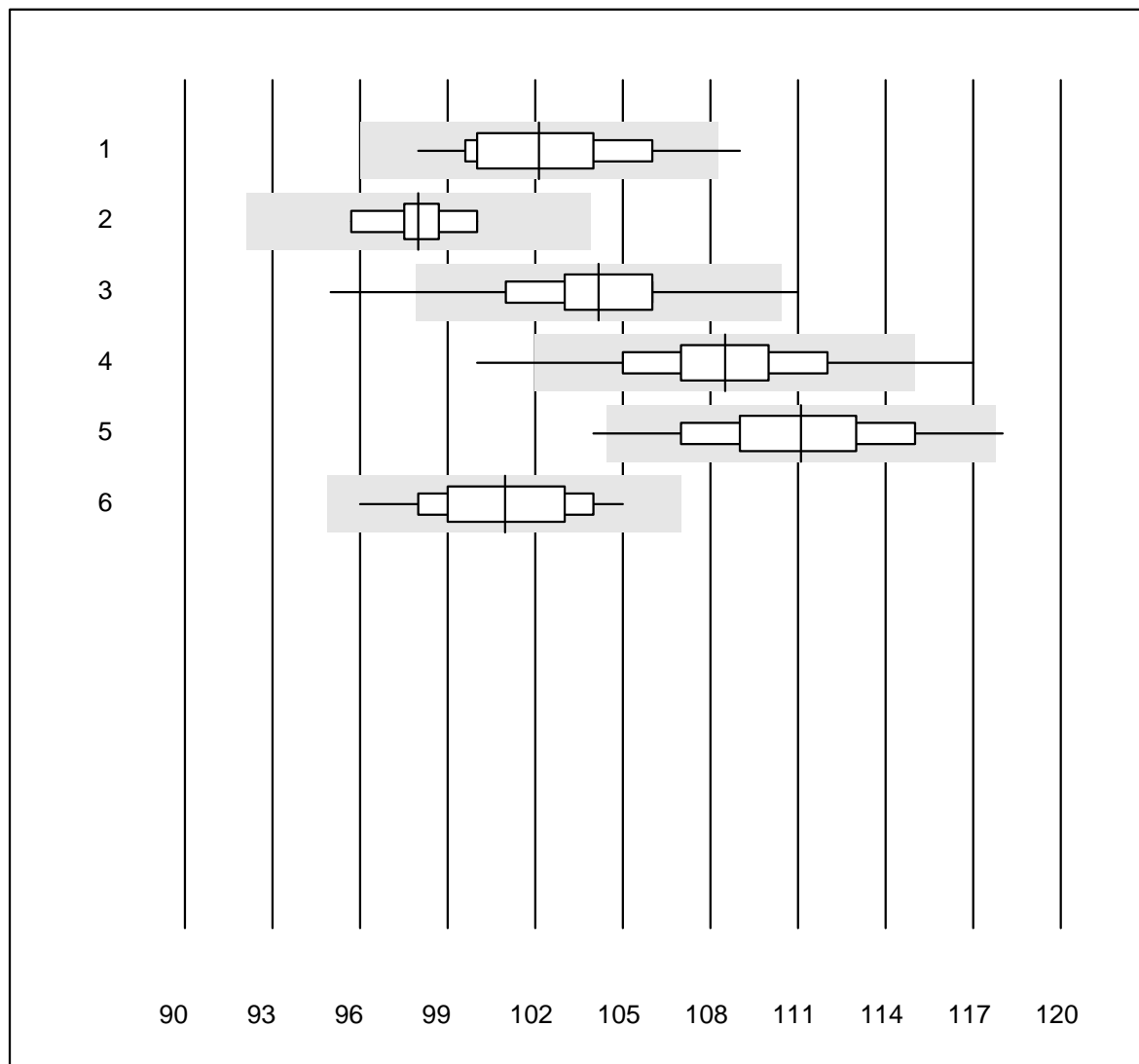
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	29	100.0	0.0	0.0	2.68	2.9	e
2	Cobas	17	100.0	0.0	0.0	2.69	1.1	e
3	Fuji Dri-Chem	378	97.9	1.3	0.8	2.81	4.1	e
4	Spotchem/Ready	20	85.0	10.0	5.0	2.32	5.6	e
5	Spotchem D-Concept	88	96.6	3.4	0.0	2.09	5.4	e
6	Piccolo	45	100.0	0.0	0.0	2.64	2.1	e
7	Abx Mira	6	83.3	16.7	0.0	2.70	6.2	e*
8	Hitachi S40/M40	10	100.0	0.0	0.0	2.61	3.2	e
9	Autolysier/DiaSys	9	100.0	0.0	0.0	2.61	4.0	e

Calcium ISE



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ISE	4	100.0	0.0	0.0	1.28	2.3	e

Chloride

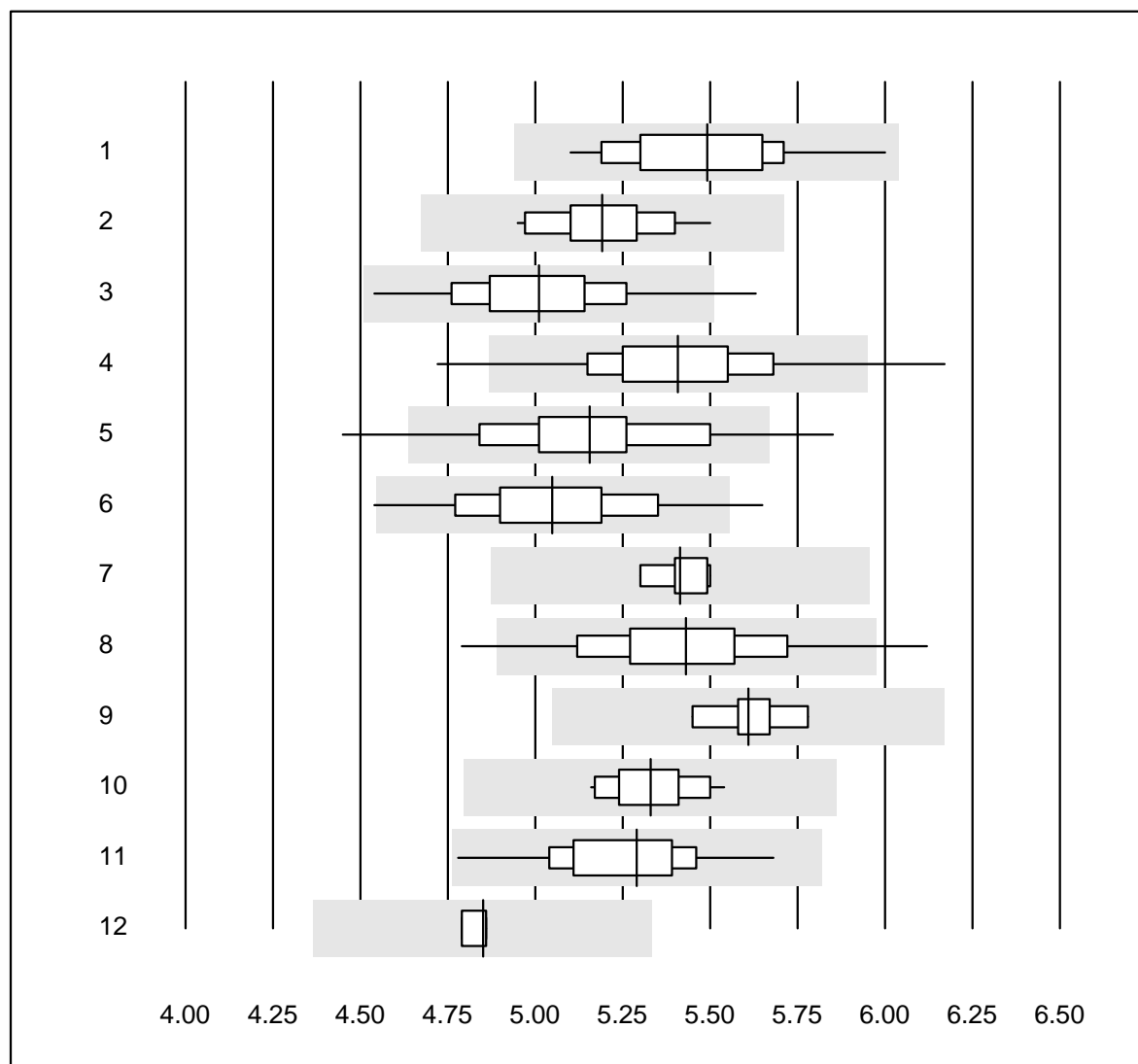


QUALAB tolerance : 6 %

Chloride (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	28	96.4	3.6	0.0	102	2.6	e
2	Cobas	7	100.0	0.0	0.0	98	1.3	e
3	Fuji Dri-Chem	714	98.2	1.1	0.7	104	2.1	e
4	Spotchem D-Concept	213	96.7	2.8	0.5	108	2.6	e
5	Spotchem EL-SE 1520	86	94.2	3.5	2.3	111	2.7	e
6	Piccolo	22	100.0	0.0	0.0	101	2.5	e

Cholesterol total

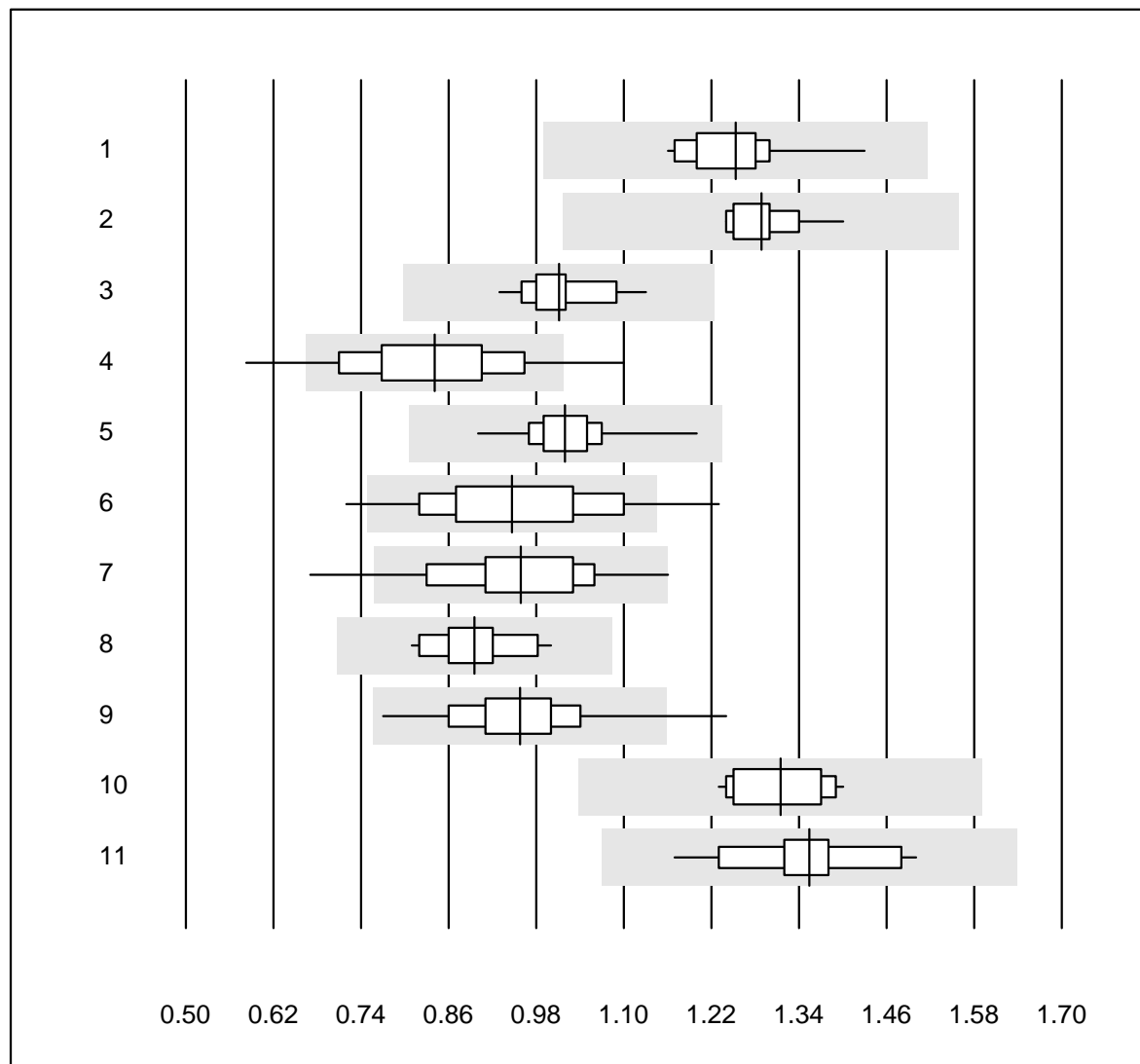


QUALAB tolerance : 10 %

Cholesterol total (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	26	100.0	0.0	0.0	5.49	4.1	e
2	Cobas	17	100.0	0.0	0.0	5.19	2.9	e
3	Reflotron	545	97.2	1.3	1.5	5.01	3.9	e
4	Fuji Dri-Chem	770	97.7	1.3	1.0	5.41	4.0	e
5	Spotchem/Ready	93	90.3	9.7	0.0	5.15	5.1	e
6	Spotchem D-Concept	241	95.9	2.9	1.2	5.05	4.4	e
7	Piccolo	20	100.0	0.0	0.0	5.41	1.2	e
8	Cholestech LDX	142	95.1	2.8	2.1	5.43	4.6	e
9	Abx Mira	9	100.0	0.0	0.0	5.61	1.7	e
10	Hitachi S40/M40	15	93.3	0.0	6.7	5.33	2.3	e
11	Autolyser/DiaSys	16	100.0	0.0	0.0	5.29	3.8	e
12	Other methods	4	100.0	0.0	0.0	4.85	0.7	e

Cholesterin HDL

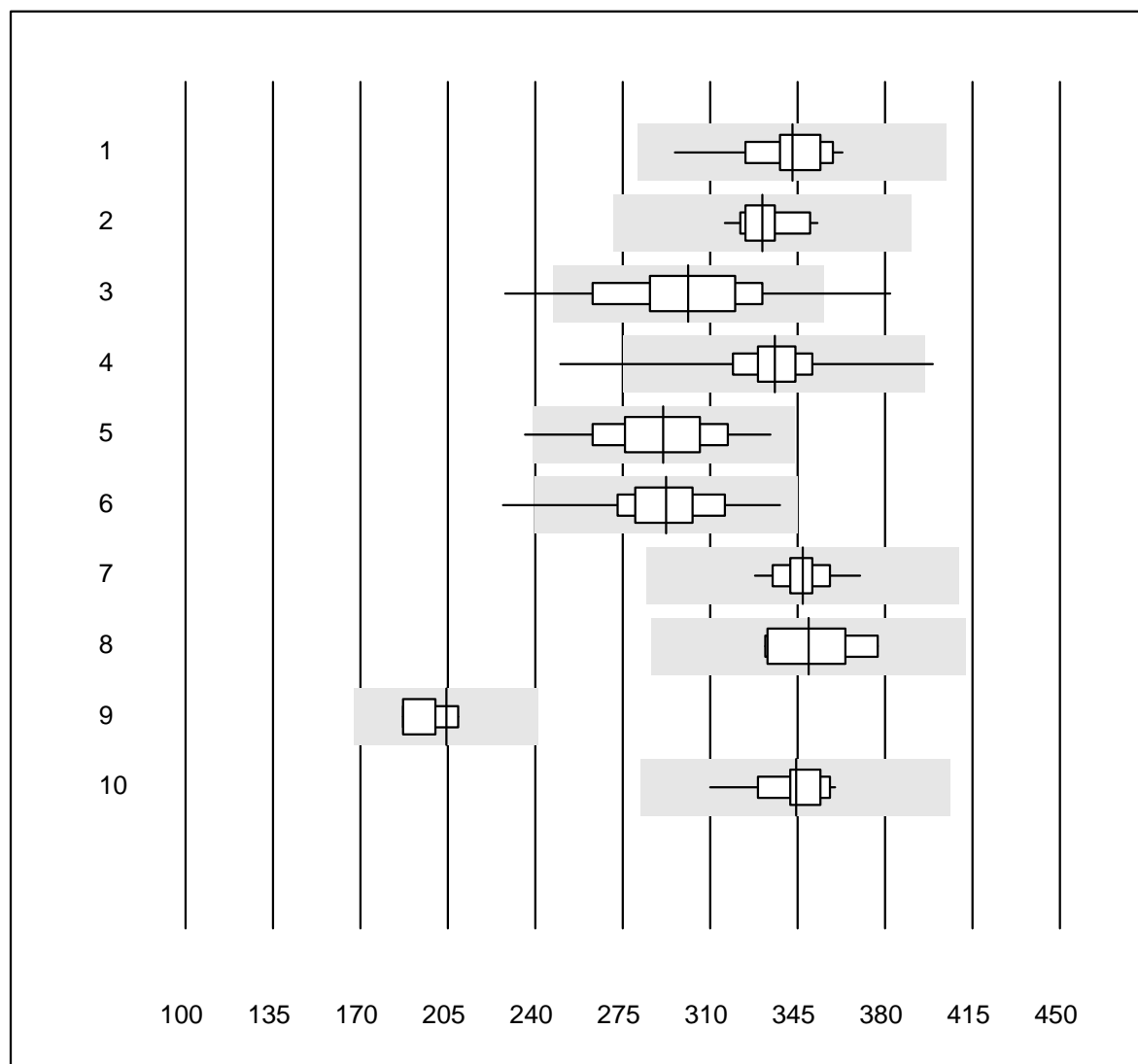


QUALAB tolerance : 21 %

Cholesterin HDL (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Pentra/Selectra	13	100.0	0.0	0.0	1.25	5.7	e
2	Wet chemistry, direc	16	100.0	0.0	0.0	1.29	3.5	e
3	Cobas	16	100.0	0.0	0.0	1.01	5.2	e
4	Reflotron	400	86.4	8.8	4.8	0.84	12.3	e
5	Fuji Dri-Chem	739	99.3	0.0	0.7	1.02	3.9	e
6	Spotchem/Ready	81	93.8	6.2	0.0	0.95	11.8	e
7	Spotchem D-Concept	236	94.1	5.5	0.4	0.96	9.9	e
8	Piccolo	19	89.5	0.0	10.5	0.90	6.4	e
9	Cholestech LDX	141	97.2	1.4	1.4	0.96	7.9	e
10	Hitachi S40/M40	14	92.9	0.0	7.1	1.31	5.0	e
11	Autolyser/DiaSys	16	100.0	0.0	0.0	1.35	6.3	e

Creatine kinase

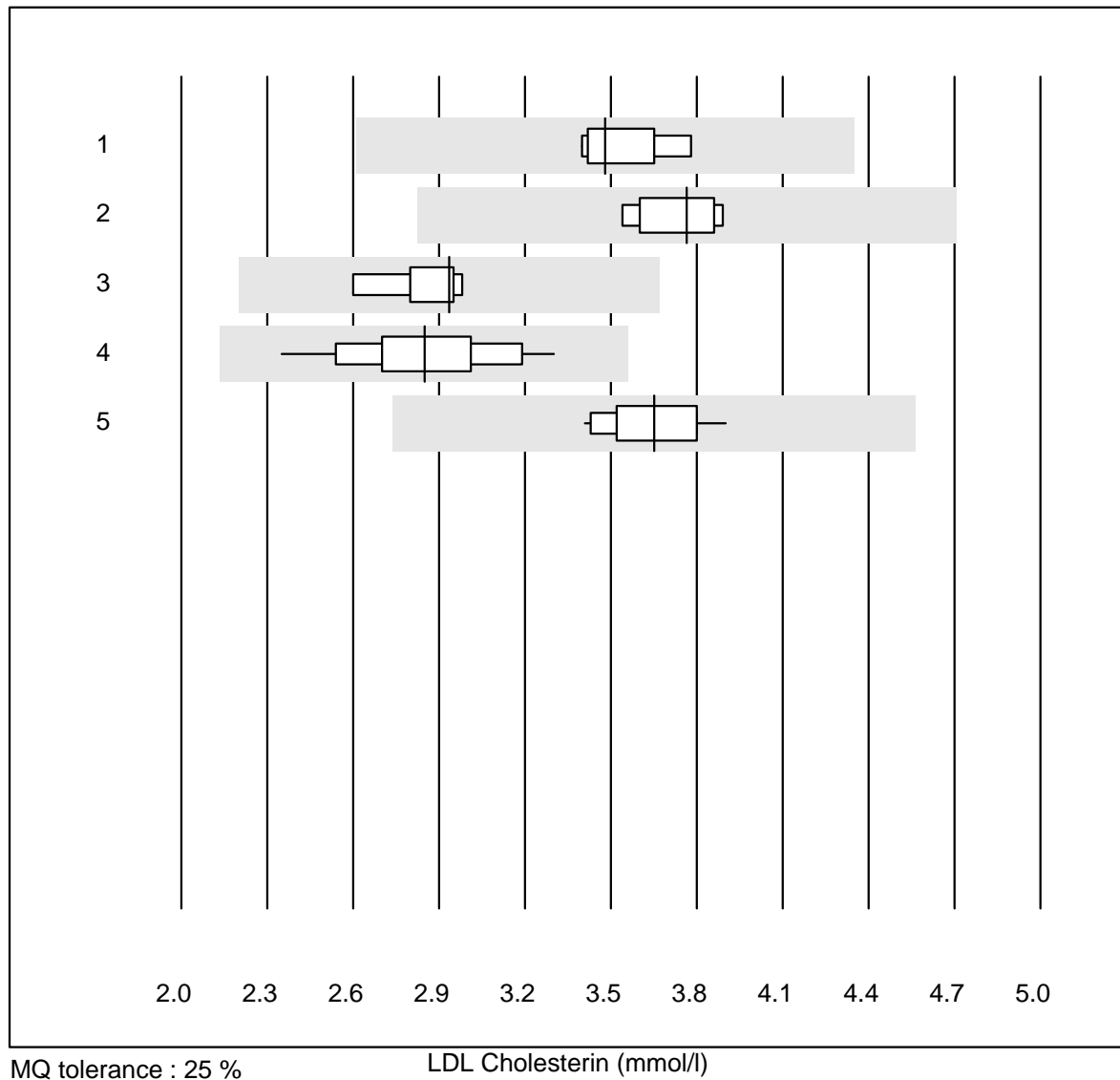


QUALAB tolerance : 18 %

Creatine kinase (U/l)

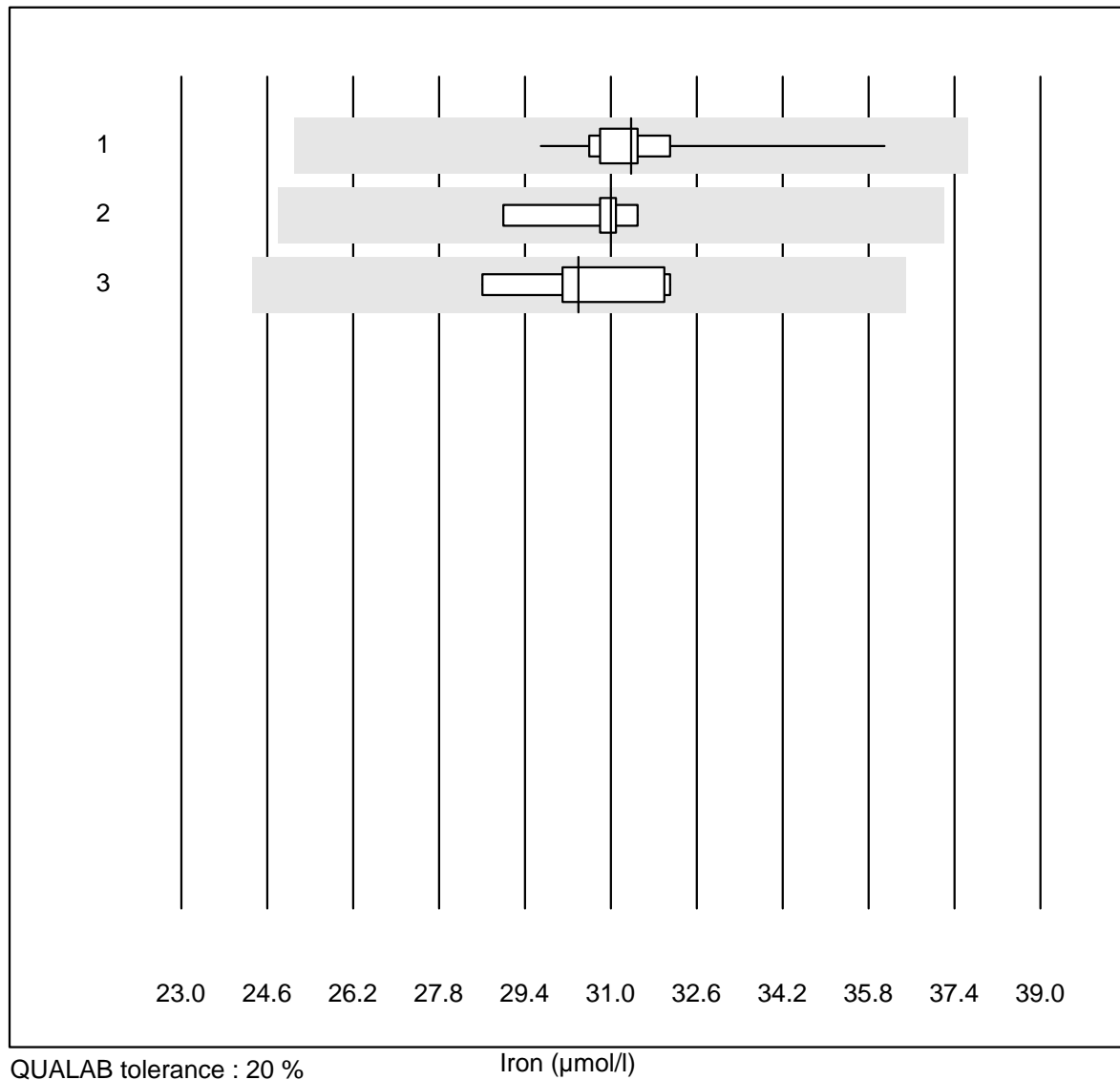
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	27	100.0	0.0	0.0	343	4.3	e
2 Cobas	15	100.0	0.0	0.0	331	3.0	e
3 Reflotron	362	93.6	3.6	2.8	301	8.8	e
4 Fuji Dri-Chem	497	98.8	0.8	0.4	336	4.3	e
5 Spotchem/Ready	39	97.4	2.6	0.0	291	7.2	e
6 Spotchem D-Concept	148	99.3	0.7	0.0	292	6.2	e
7 Piccolo	18	94.4	0.0	5.6	347	2.8	e
8 Abx Mira	6	100.0	0.0	0.0	350	5.3	e*
9 Hitachi S40/M40	8	50.0	0.0	50.0	205	4.6	e
10 Autolyser/DiaSys	13	100.0	0.0	0.0	344	4.0	e

LDL Cholesterin



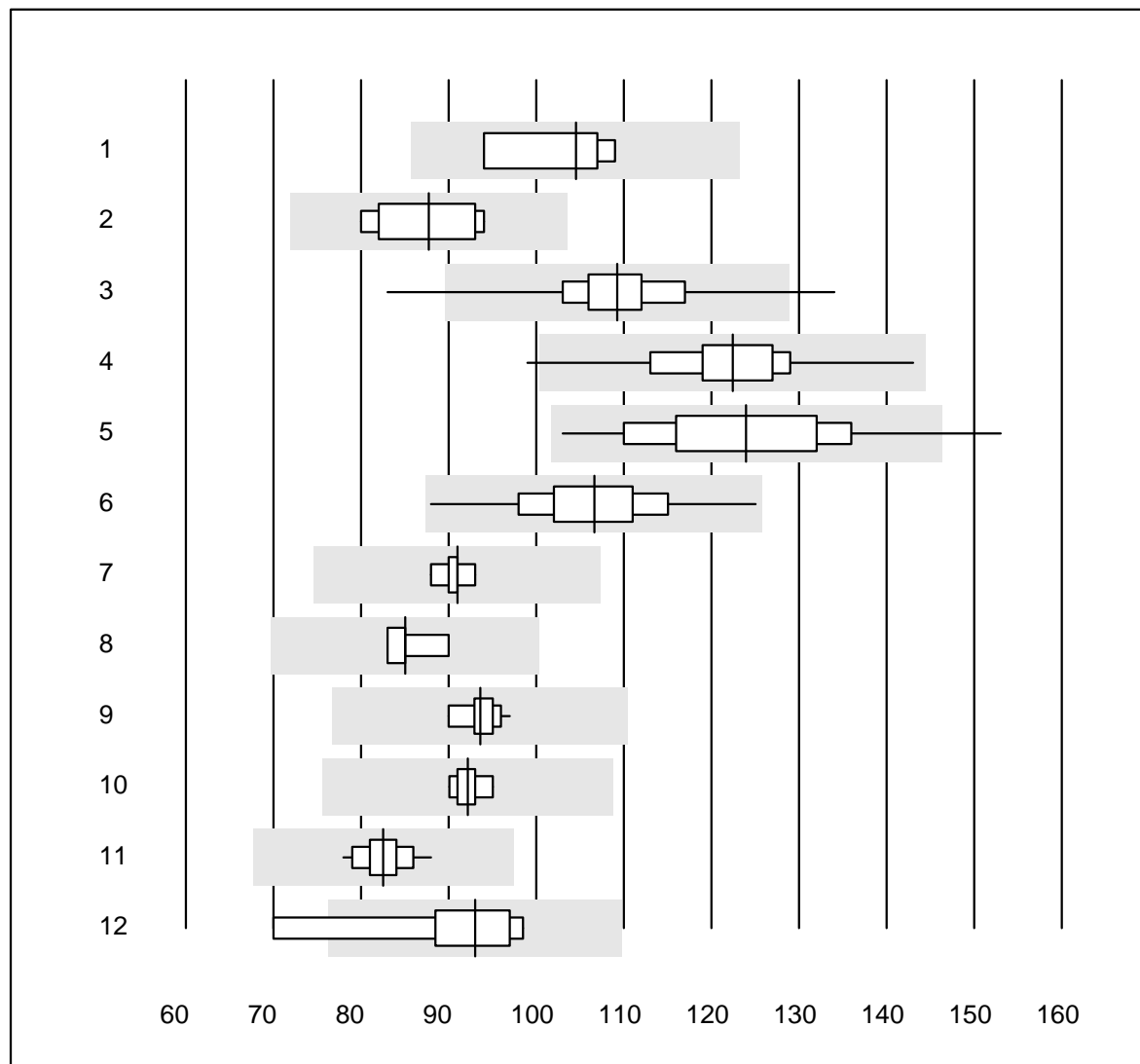
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	5	100.0	0.0	0.0	3.5	4.6	e
2	Roche, Cobas	6	100.0	0.0	0.0	3.8	3.8	e
3	Hitachi S40/M40	8	87.5	0.0	12.5	2.9	4.6	e
4	Autolyser/DiaSys	13	100.0	0.0	0.0	2.8	9.4	e
5	Beckman	11	100.0	0.0	0.0	3.7	4.3	e

Iron



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	31	4.4	e
2	Cobas	8	100.0	0.0	0.0	31	2.5	e
3	Abx Mira	5	100.0	0.0	0.0	30	4.8	e

Gamma-glutamyltransferase

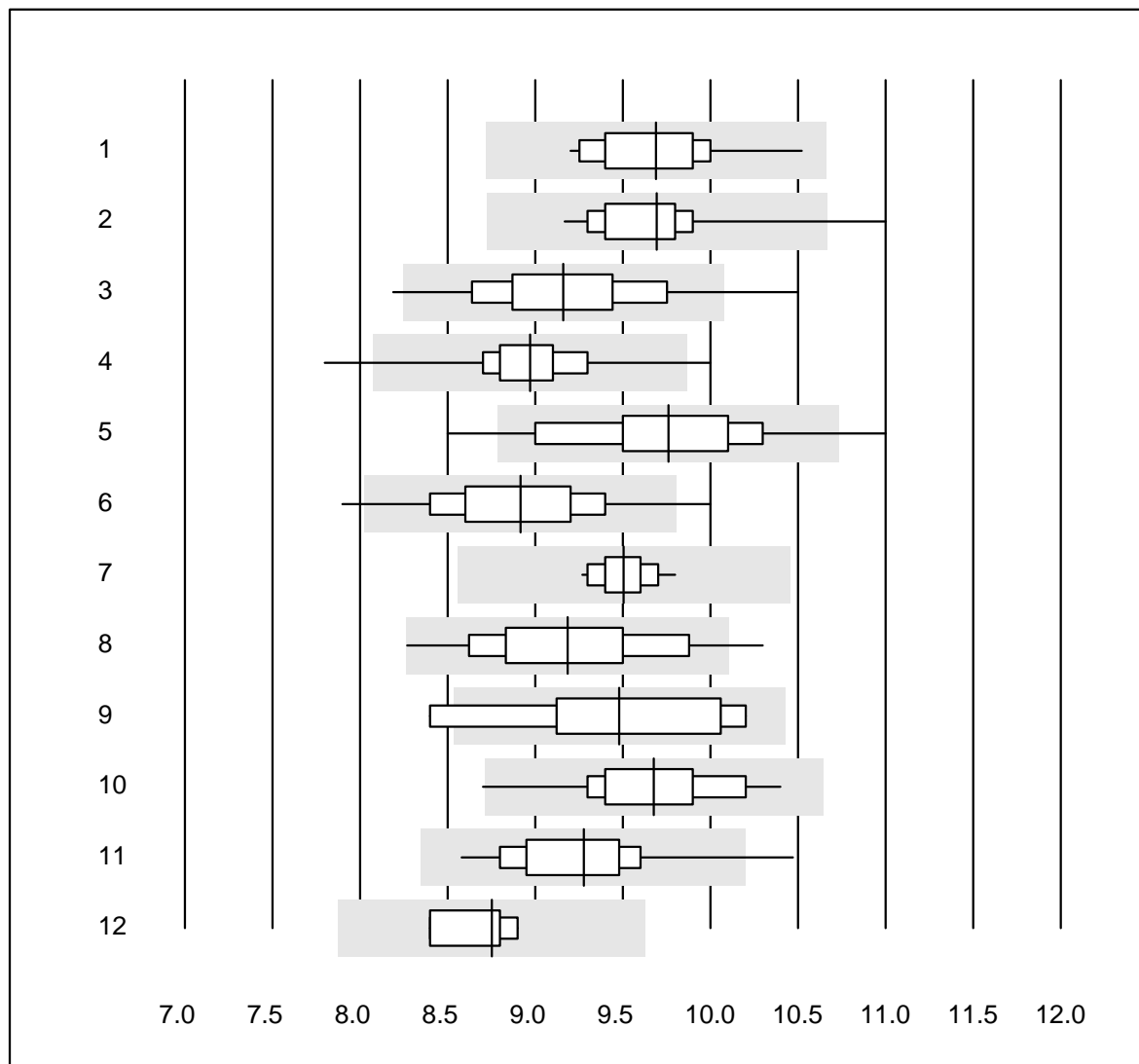


QUALAB tolerance : 18 %

Gamma-glutamyltransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	4	100.0	0.0	0.0	105	6.5	e*
2	Cobas	17	100.0	0.0	0.0	88	6.4	e
3	Reflotron	726	98.5	0.8	0.7	109	5.5	e
4	Fuji Dri-Chem	848	99.2	0.4	0.4	122	5.1	e
5	Spotchem/Ready	100	98.0	2.0	0.0	124	8.4	e
6	Spotchem D-Concept	264	99.6	0.0	0.4	107	6.4	e
7	Selectra/Biolis	6	100.0	0.0	0.0	91	1.8	e
8	Architect	4	100.0	0.0	0.0	85	3.5	e
9	Dimension	13	100.0	0.0	0.0	94	2.2	e
10	IFCC Beckmann	7	100.0	0.0	0.0	92	1.7	e
11	Piccolo	37	100.0	0.0	0.0	83	2.9	e
12	Abx Mira	5	80.0	20.0	0.0	93	12.9	e*
13	Hitachi S40/M40	16	100.0	0.0	0.0	100	2.8	e
14	Autolysers/DiaSys	17	100.0	0.0	0.0	91	3.7	e

Glucose

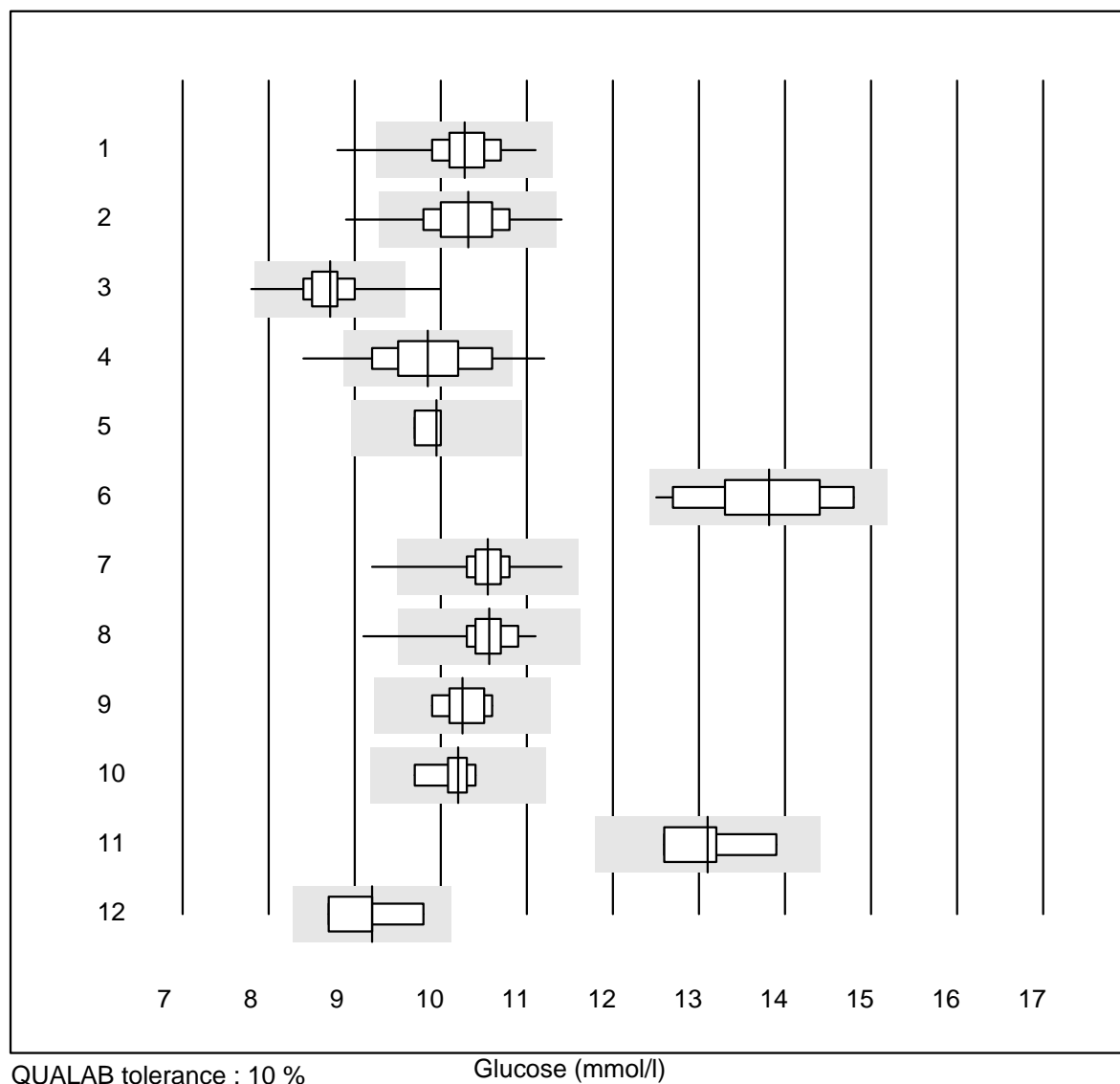


QUALAB tolerance : 10 %

Glucose (mmol/l)

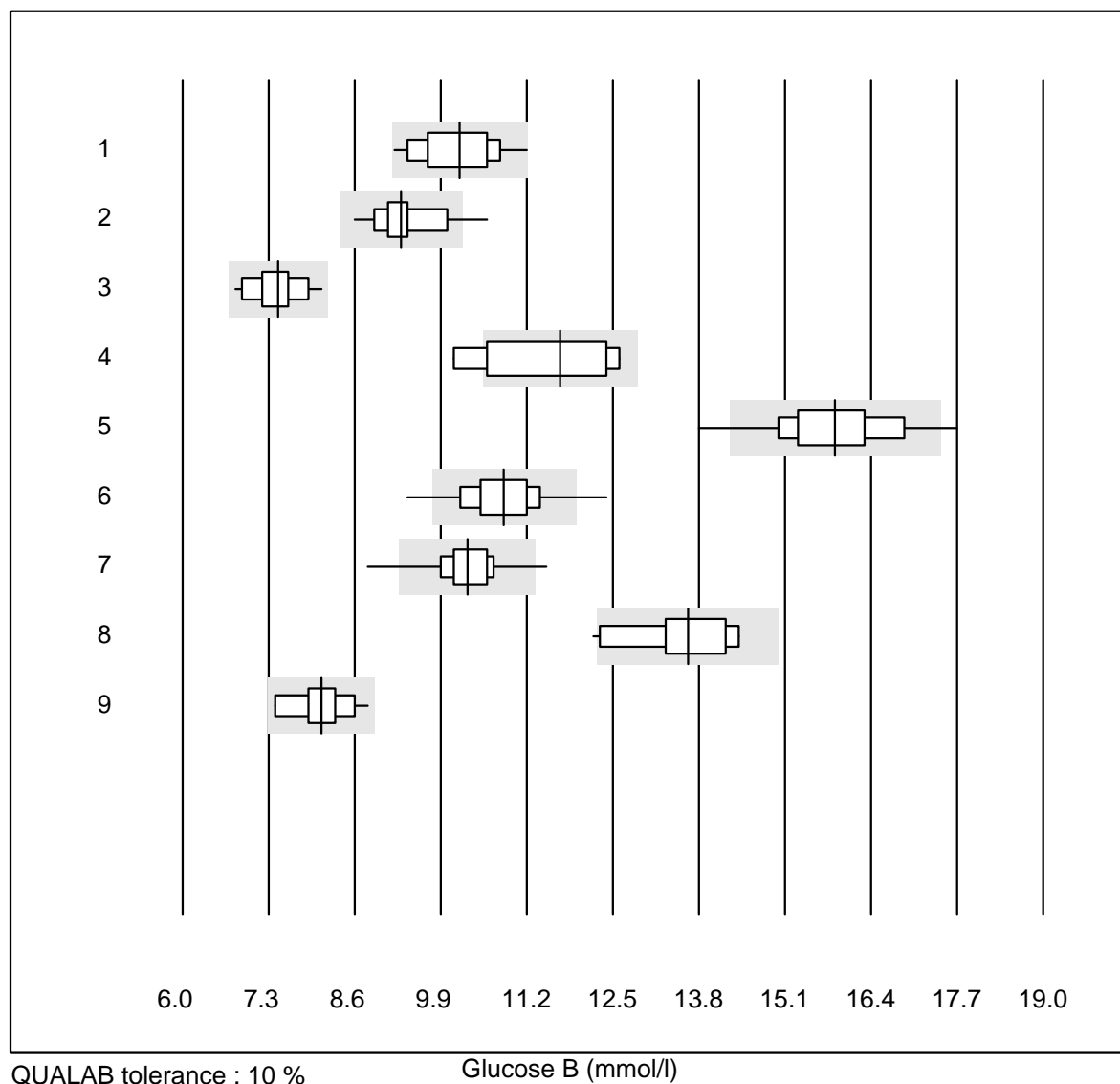
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	34	100.0	0.0	0.0	9.7	3.2	e
2	Cobas	16	93.7	6.3	0.0	9.7	4.2	e
3	Reflotron	718	93.1	4.3	2.6	9.2	4.8	e
4	Fuji Dri-Chem	801	99.0	0.5	0.5	9.0	2.7	e
5	Spotchem/Ready	87	93.1	6.9	0.0	9.8	5.1	e
6	Spotchem D-Concept	249	98.4	1.6	0.0	8.9	4.5	e
7	Piccolo	52	100.0	0.0	0.0	9.5	1.4	e
8	Cholestech LDX	122	95.9	1.6	2.5	9.2	5.1	e
9	Abx Mira	9	88.9	11.1	0.0	9.5	6.4	e*
10	Hitachi S40/M40	17	94.1	5.9	0.0	9.7	4.0	e
11	Autolyser/DiaSys	17	94.1	5.9	0.0	9.3	4.7	e
12	iStat Chem8	4	100.0	0.0	0.0	8.8	2.5	e*

Glucose



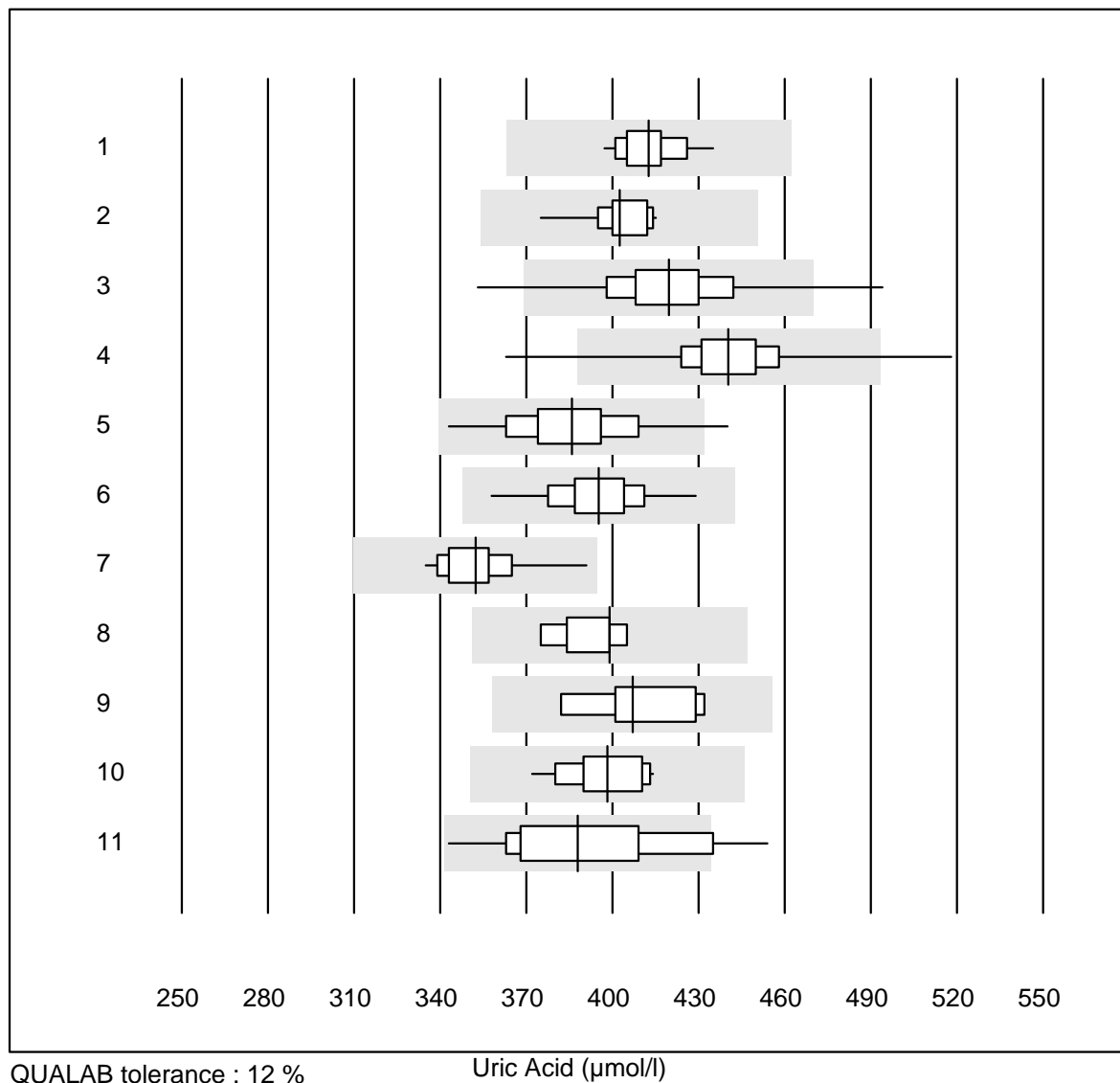
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Accu-Chek Aviva	335	97.3	1.2	1.5	10.3	3.2	e
2	Accu-Chek Inform 2	392	98.9	0.8	0.3	10.3	3.7	e
3	Accu-Check Guide	123	95.1	4.1	0.8	8.7	3.8	e
4	Contour XT	1119	94.9	3.8	1.3	9.8	5.0	e
5	Skylla	4	100.0	0.0	0.0	10.0	1.4	e
6	Glucocard	17	94.1	0.0	5.9	13.8	5.0	e*
7	Hemocue 201+ P-equiv	96	98.0	1.0	1.0	10.5	2.7	e
8	Hemocue 201RT P-equiv	79	97.4	1.3	1.3	10.6	2.6	e
9	FreeStyle Precision	6	83.3	0.0	16.7	10.3	2.8	e
10	Freestyle Freedom li	5	100.0	0.0	0.0	10.2	2.7	e
11	Sanofi BG Star	4	100.0	0.0	0.0	13.1	4.1	e*
12	Contour NEXT ONE	5	80.0	0.0	20.0	9.2	5.1	e*

Glucose B



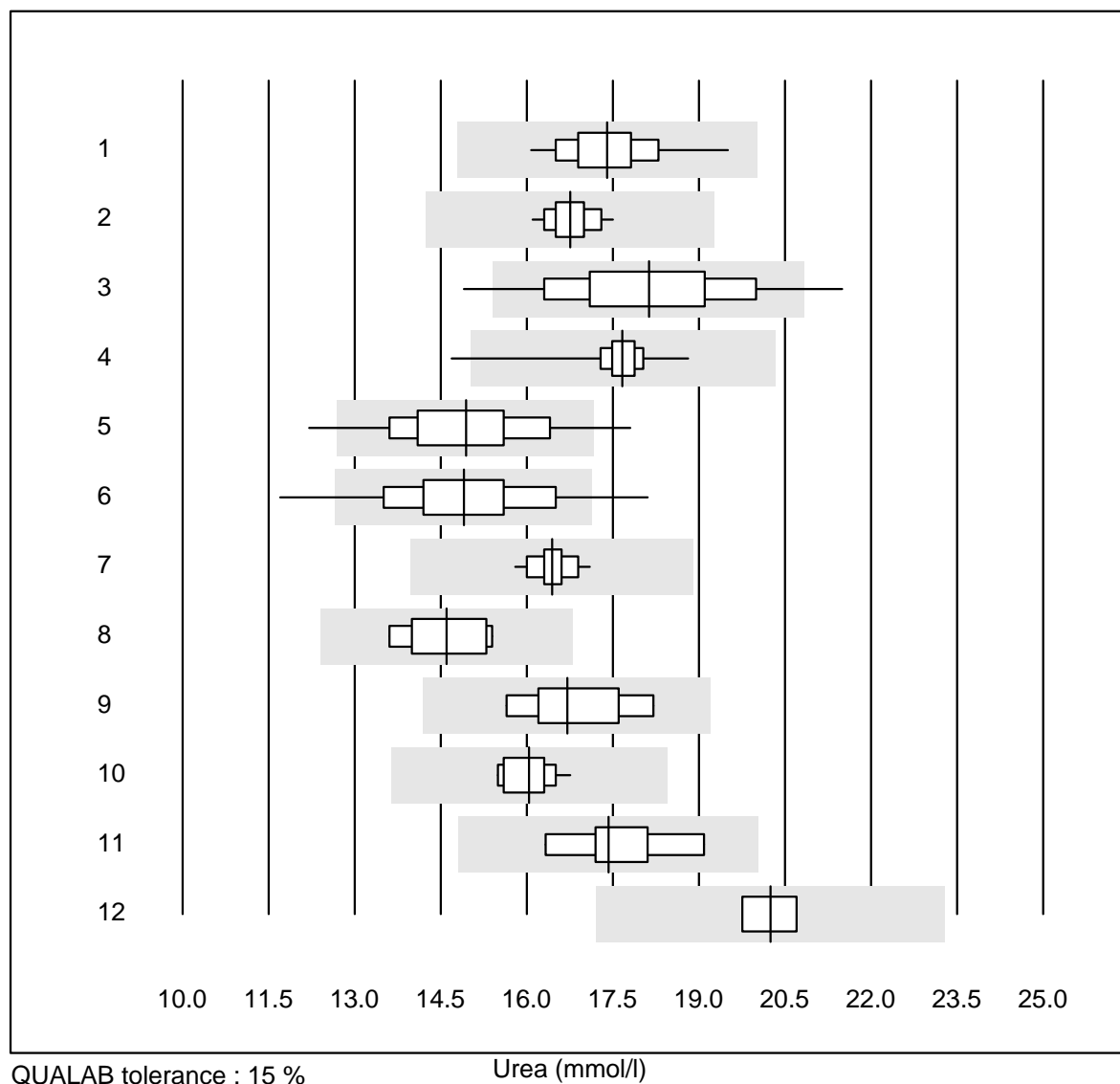
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Hemocue 201+ (alt)	48	97.9	0.0	2.1	10.2	5.2	e
2	OneTouch Verio	30	90.0	3.3	6.7	9.3	4.2	e
3	Contour 2 (5s)	32	71.9	0.0	28.1	7.4	4.6	e
4	Contour (15s)	6	83.3	16.7	0.0	11.7	8.6	e*
5	Healthpro	45	88.9	8.9	2.2	15.9	4.9	e
6	Mylife UNIO	222	98.6	1.4	0.0	10.9	4.5	e
7	mylife Pura	29	89.7	10.3	0.0	10.3	5.1	e
8	Omnitest	18	94.4	5.6	0.0	13.6	4.7	e
9	Alpha Check	17	58.8	0.0	41.2	8.1	5.2	e*

Uric Acid



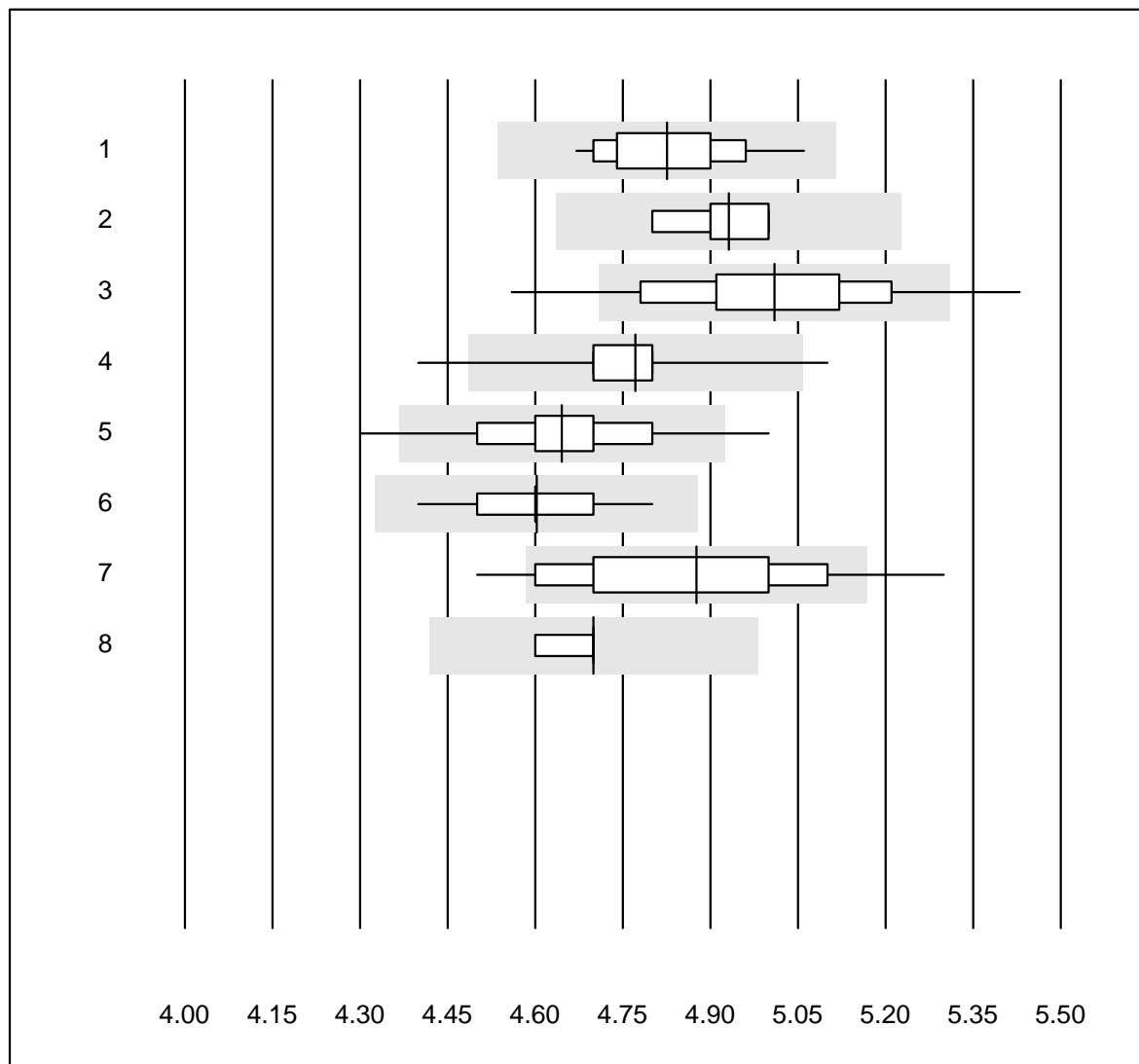
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	26	96.2	0.0	3.8	413	2.3	e
2	Cobas	13	100.0	0.0	0.0	402	2.6	e
3	Reflotron	640	97.3	1.1	1.6	420	4.3	e
4	Fuji Dri-Chem	800	98.6	0.8	0.6	440	3.3	e
5	Spotchem/Ready	78	97.4	2.6	0.0	386	4.7	e
6	Spotchem D-Concept	249	100.0	0.0	0.0	395	3.4	e
7	Piccolo	28	100.0	0.0	0.0	352	3.3	e
8	Skyla	5	100.0	0.0	0.0	399	3.2	e
9	Abx Mira	8	87.5	0.0	12.5	407	4.2	e*
10	Hitachi S40/M40	15	100.0	0.0	0.0	398	3.2	e
11	Autolyser/DiaSys	15	86.7	13.3	0.0	388	7.5	e*

Urea



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	26	100.0	0.0	0.0	17.4	4.5	e
2	Cobas	15	100.0	0.0	0.0	16.8	2.3	e
3	Reflotron	289	91.7	5.9	2.4	18.1	7.8	e
4	Fuji Dri-Chem	476	99.4	0.2	0.4	17.7	2.1	e
5	Spotchem/Ready	51	96.1	3.9	0.0	14.9	7.5	e
6	Spotchem D-Concept	154	92.9	5.8	1.3	14.9	7.7	e
7	Piccolo	48	93.7	0.0	6.3	16.4	1.9	e
8	Skyla	5	100.0	0.0	0.0	14.6	5.4	e*
9	Abx Mira	7	100.0	0.0	0.0	16.7	5.4	e*
10	Hitachi S40/M40	12	100.0	0.0	0.0	16.0	2.6	e
11	Autolyser/DiaSys	9	100.0	0.0	0.0	17.4	4.5	e
12	iStat Chem8	4	100.0	0.0	0.0	20.3	2.6	e

Potassium

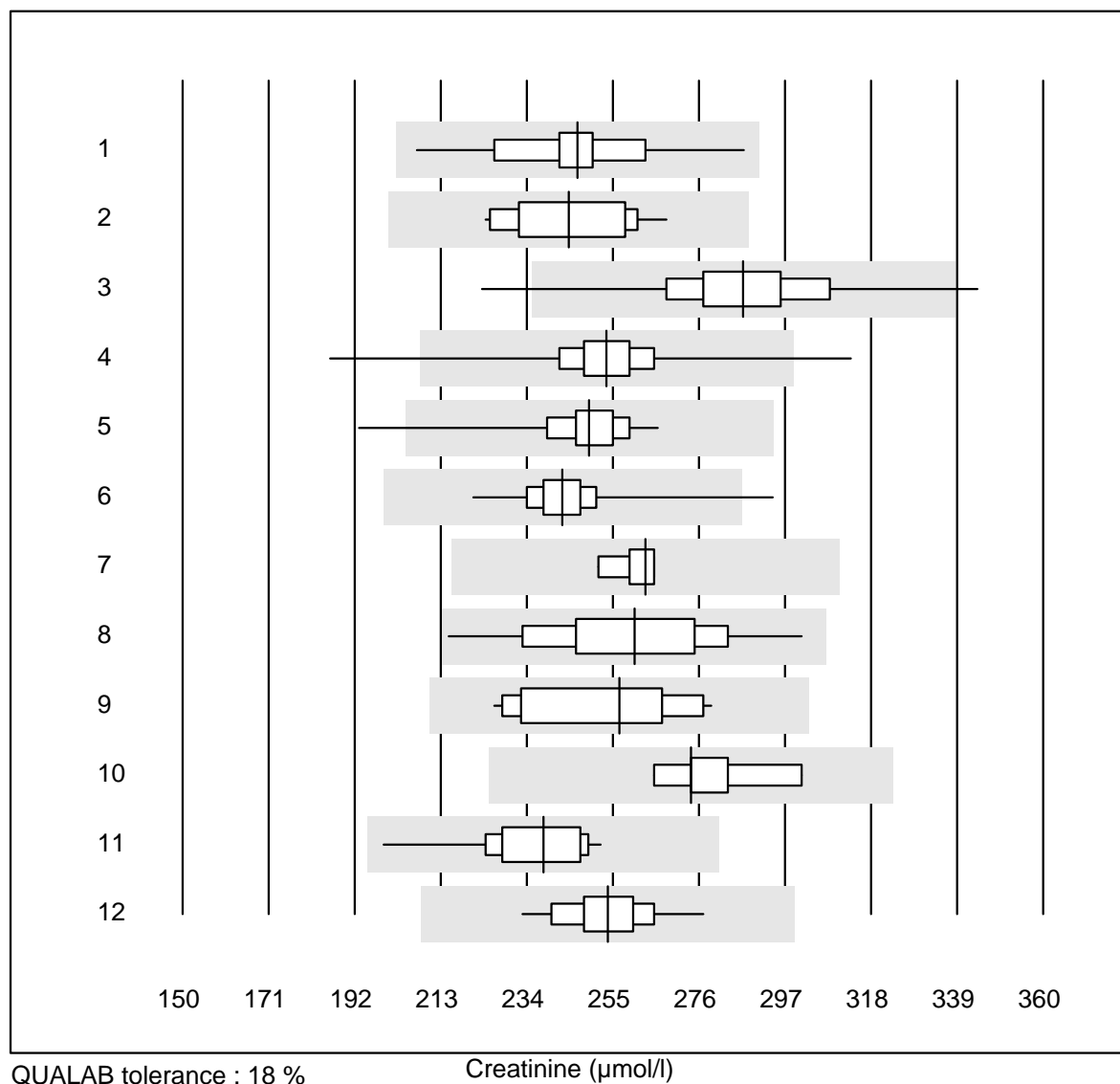


QUALAB tolerance : 6 %

Potassium (mmol/l)

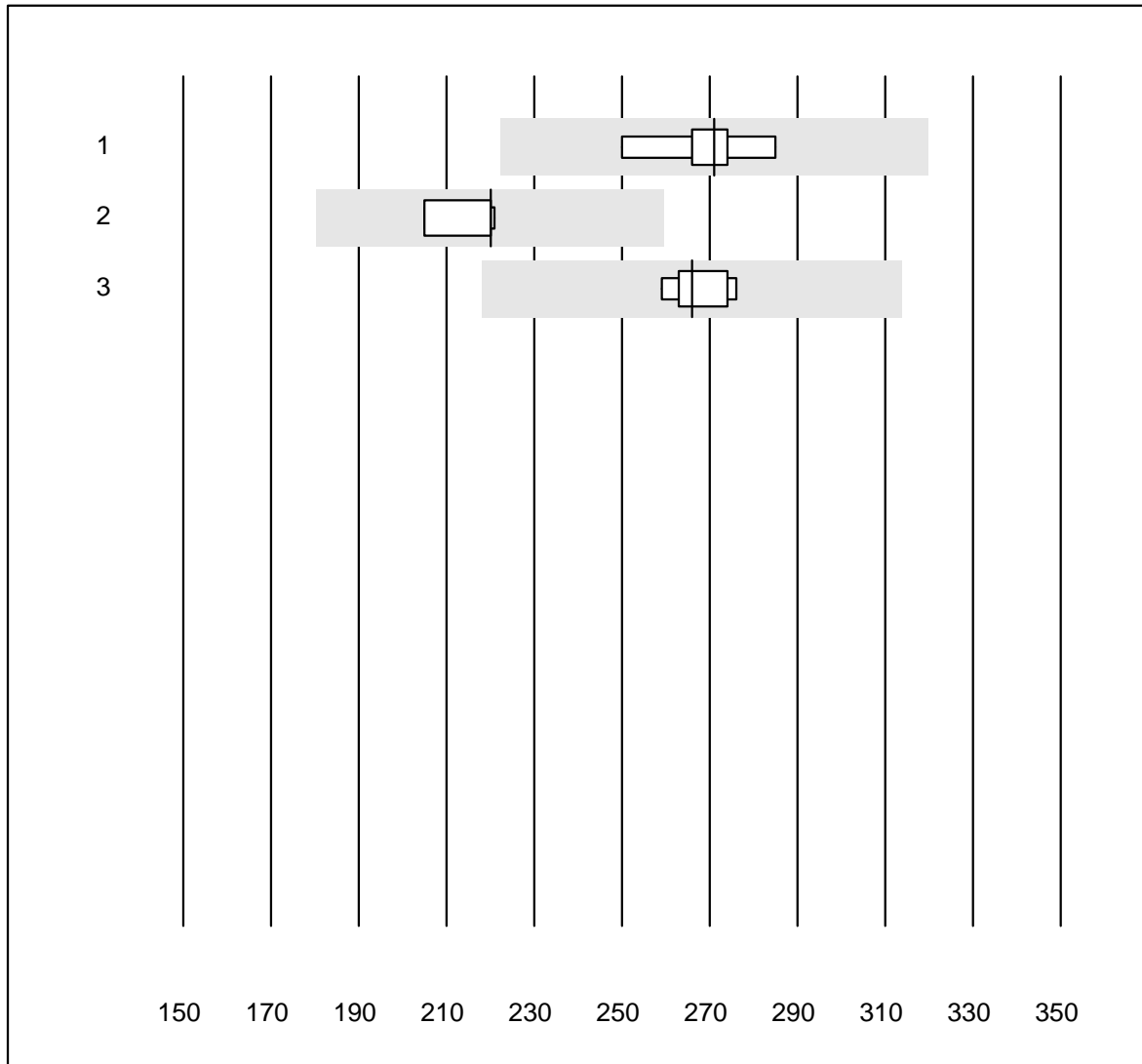
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	44	97.7	0.0	2.3	4.83	2.0	e
2	Cobas	18	100.0	0.0	0.0	4.93	1.3	e
3	Reflotron	649	86.1	7.1	6.8	5.01	3.3	e
4	Fuji Dri-Chem	839	98.2	0.7	1.1	4.77	1.7	e
5	Spotchem D-Concept	248	98.0	1.2	0.8	4.65	2.1	e
6	Spotchem EL-SE 1520	88	97.7	0.0	2.3	4.60	1.7	e
7	Piccolo	39	87.1	10.3	2.6	4.88	3.7	e
8	iStat Chem8	6	100.0	0.0	0.0	4.70	0.9	e

Creatinine



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	20	100.0	0.0	0.0	246	6.5	e
2	Cobas	19	100.0	0.0	0.0	244	5.6	e
3	Reflotron	836	98.5	0.7	0.8	287	5.7	e
4	Fuji Dri-Chem	873	99.0	0.7	0.3	253	4.1	e
5	Spotchem/Ready	109	99.1	0.9	0.0	249	3.7	e
6	Spotchem D-Concept	263	99.6	0.4	0.0	243	3.5	e
7	Enzymatic	6	100.0	0.0	0.0	263	2.0	e
8	Piccolo	51	100.0	0.0	0.0	260	7.7	e
9	Abx Mira	11	100.0	0.0	0.0	257	7.4	e*
10	Skyla	5	100.0	0.0	0.0	274	4.9	e*
11	Hitachi S40/M40	16	100.0	0.0	0.0	238	5.5	e
12	Autolyser/DiaSys	17	100.0	0.0	0.0	254	4.1	e

Creatinine E

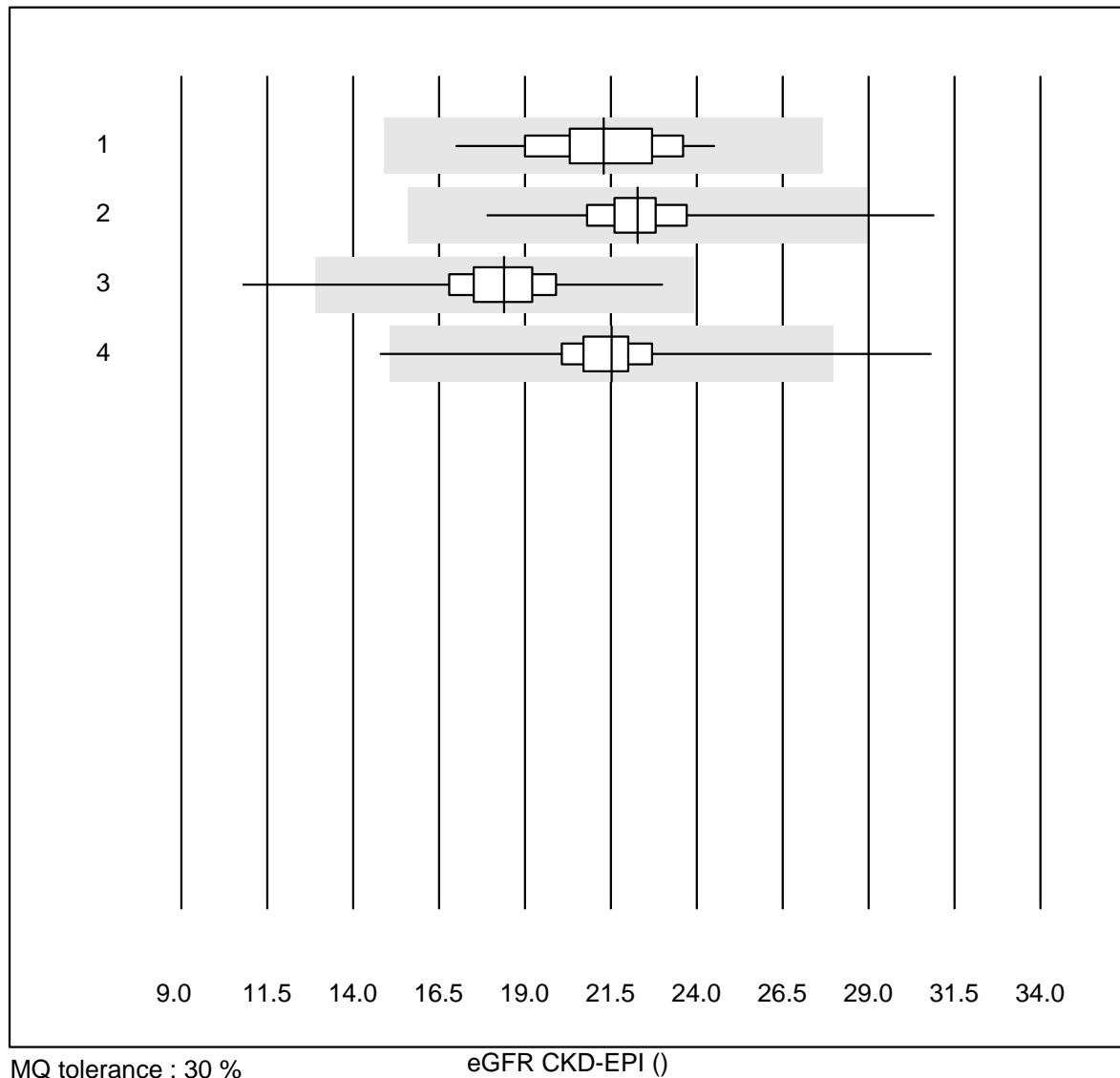


QUALAB tolerance : 18 %

Creatinine E (µmol/l)

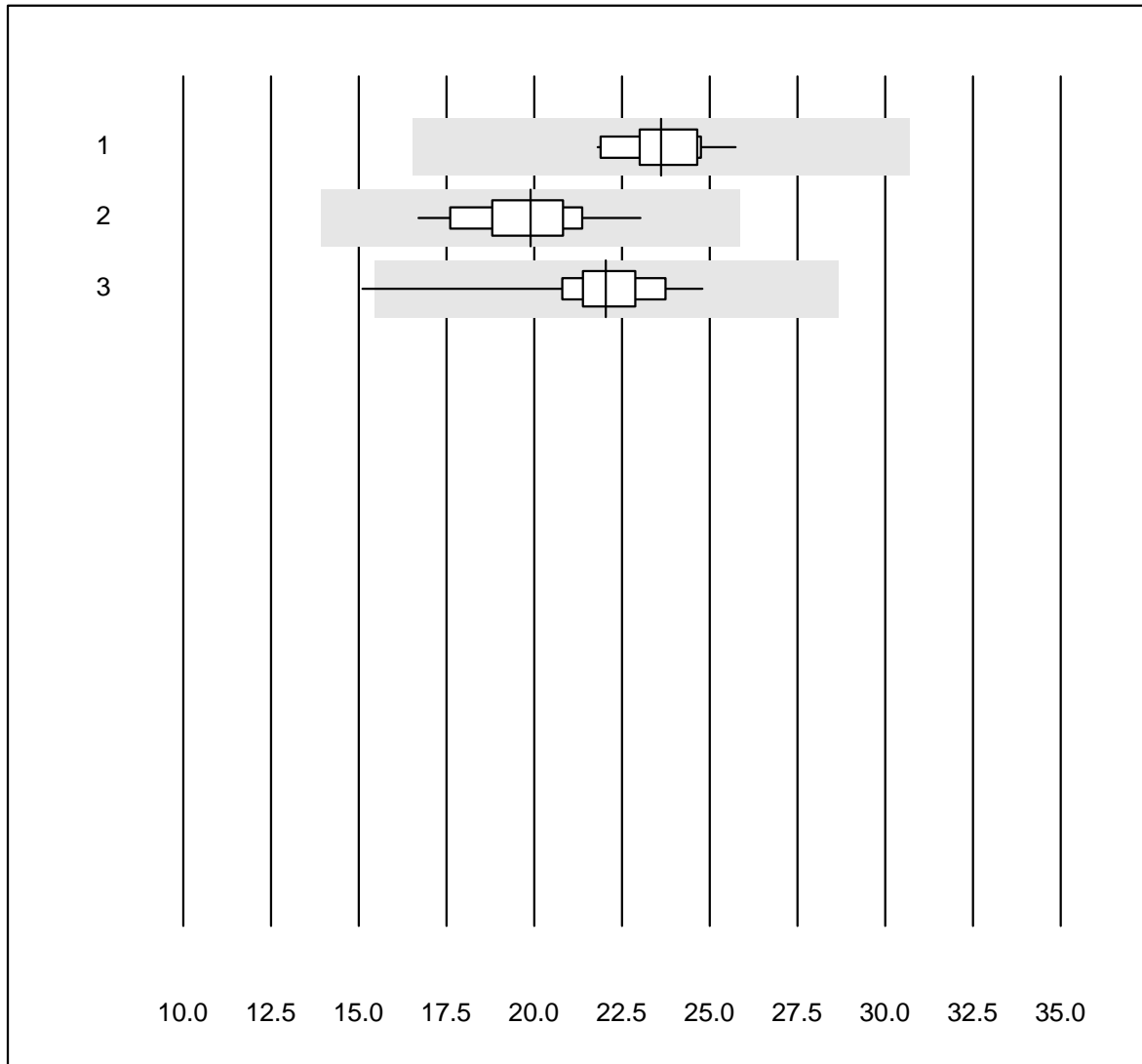
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	iStat Chem8	9	100.0	0.0	0.0	271	4.1	e
2	EPOC	4	100.0	0.0	0.0	220	3.5	e
3	ABL700/800	9	100.0	0.0	0.0	266	2.2	e

eGFR CKD-EPI



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	63	98.4	0.0	1.6	21	8.0	e
2	Spotchem/Ready	133	94.7	1.5	3.8	22	7.3	e
3	Reflotron	286	97.6	0.3	2.1	18	7.4	e
4	Fuji Dri-Chem	352	94.9	2.3	2.8	22	7.8	e

eGFR Cockcroft-Gault

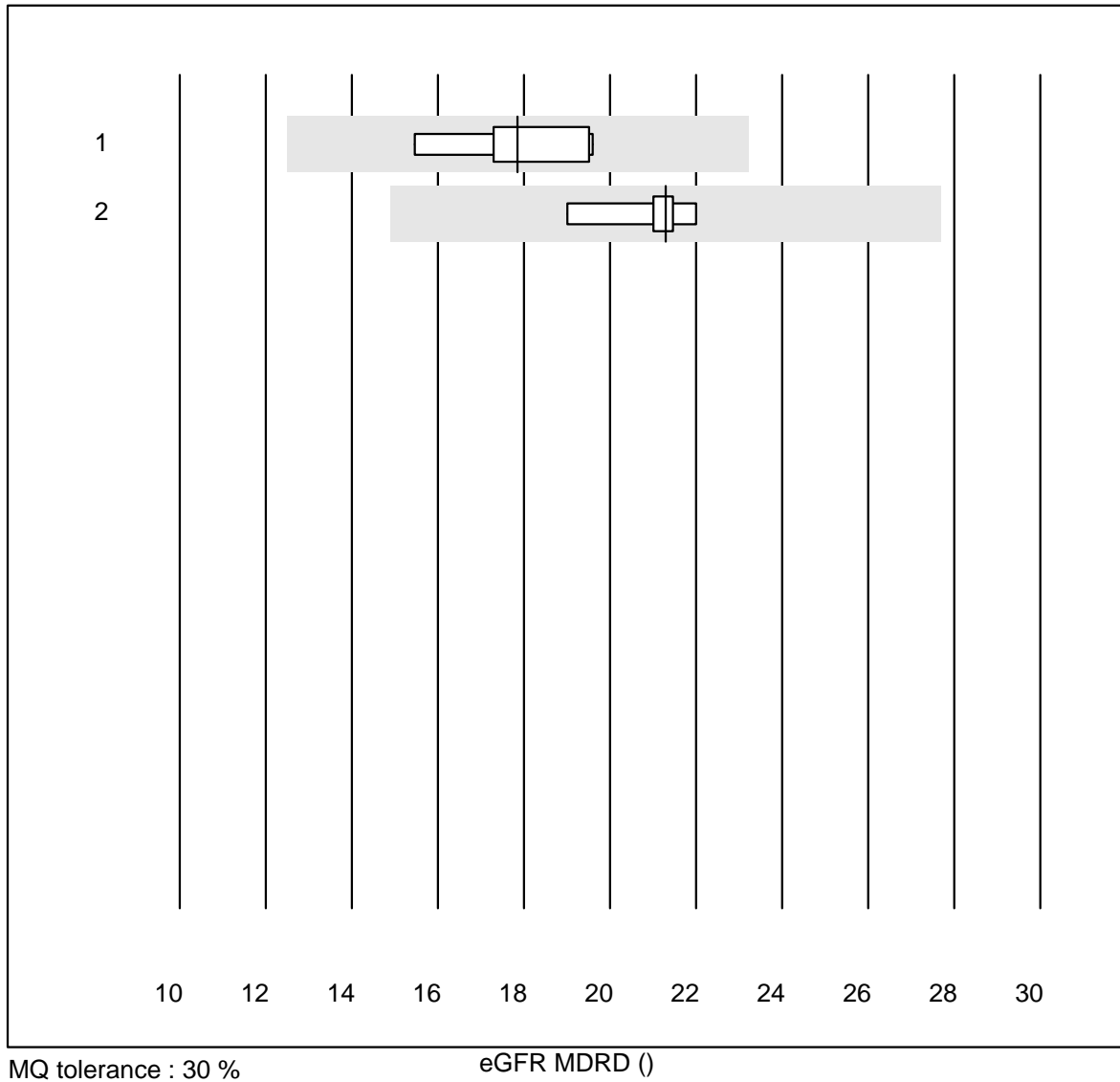


MQ tolerance : 30 %

eGFR Cockcroft-Gault ()

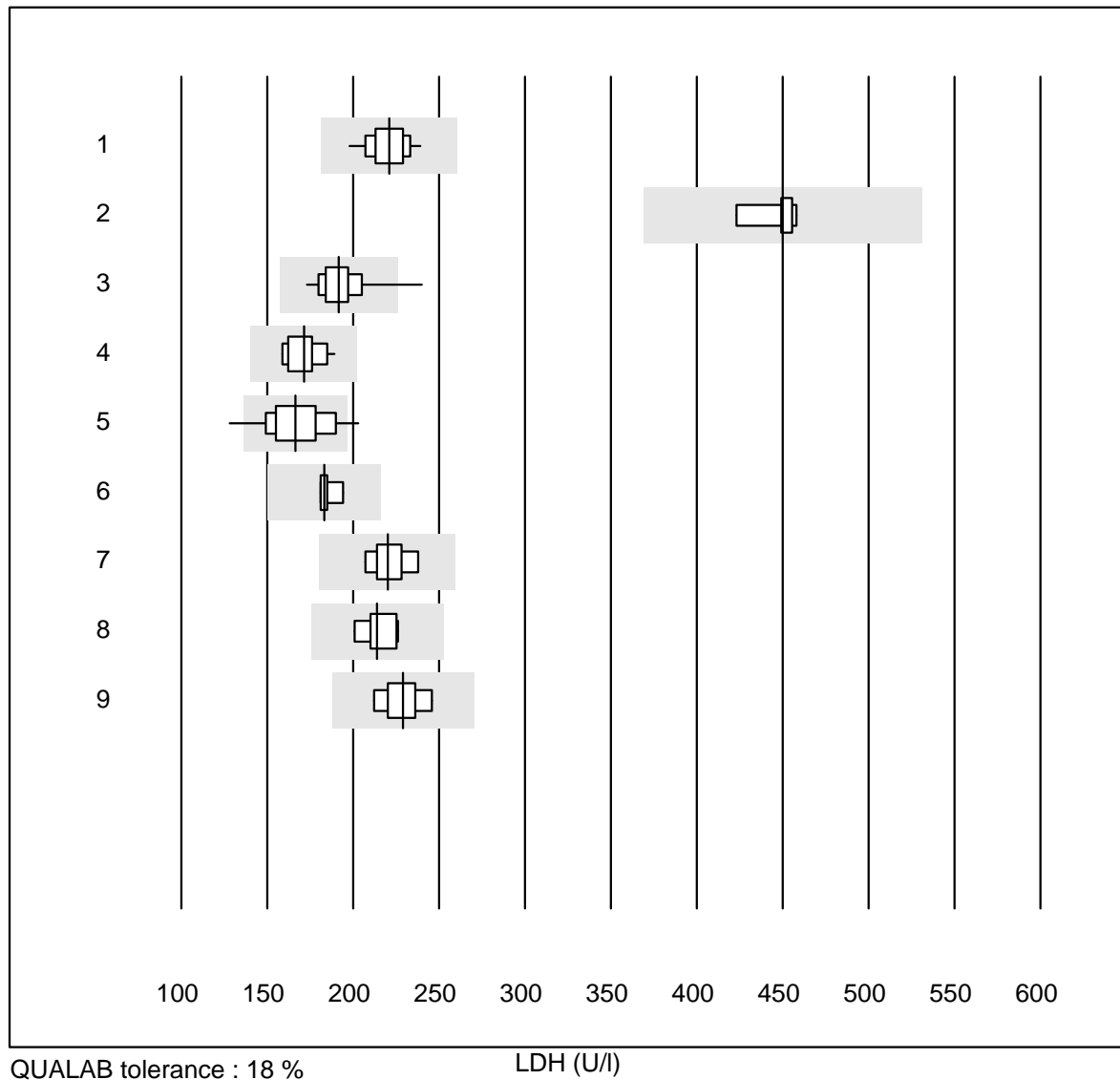
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Spotchem/Ready	15	80.0	0.0	20.0	24	5.0	e
2	Reflotron	23	87.0	0.0	13.0	20	8.1	e
3	Fuji Dri-Chem	36	88.9	2.8	8.3	22	7.5	e

eGFR MDRD



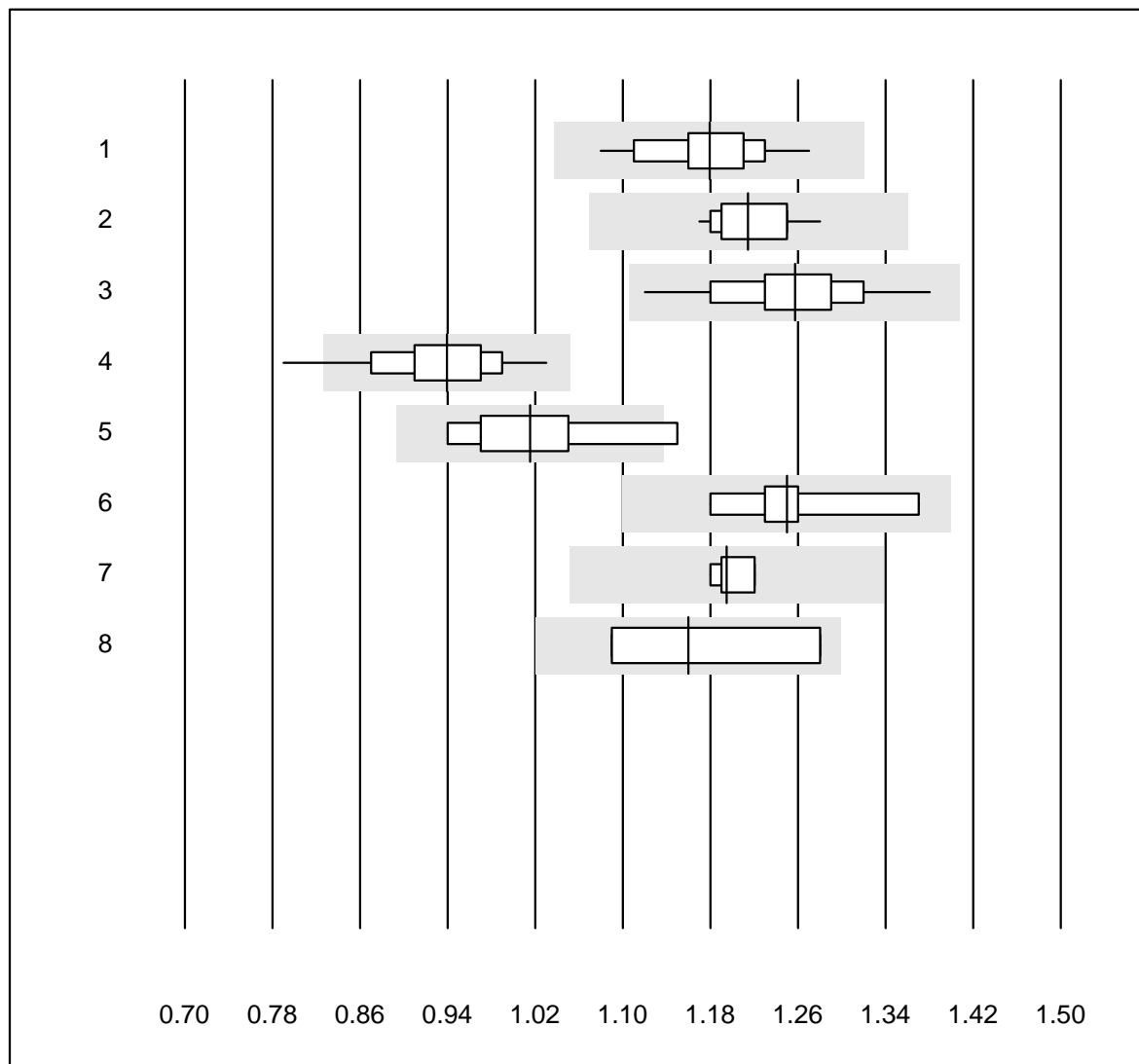
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Reflotron	6	100.0	0.0	0.0	18	8.6	e
2	Fuji Dri-Chem	5	100.0	0.0	0.0	21	5.5	e

LDH



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	30	100.0	0.0	0.0	221	4.4	e
2	Cobas	9	100.0	0.0	0.0	450	2.6	e
3	Fuji Dri-Chem	149	98.6	0.7	0.7	192	5.4	e
4	Spotchem/Ready	15	100.0	0.0	0.0	171	5.3	e
5	Spotchem D-Concept	44	95.5	4.5	0.0	166	9.6	e
6	Piccolo	4	100.0	0.0	0.0	183	3.3	e
7	Abx Mira	7	100.0	0.0	0.0	220	4.5	e
8	Hitachi S40/M40	6	100.0	0.0	0.0	214	4.4	e
9	Autolyser/DiaSys	8	100.0	0.0	0.0	229	4.6	e

Magnesium

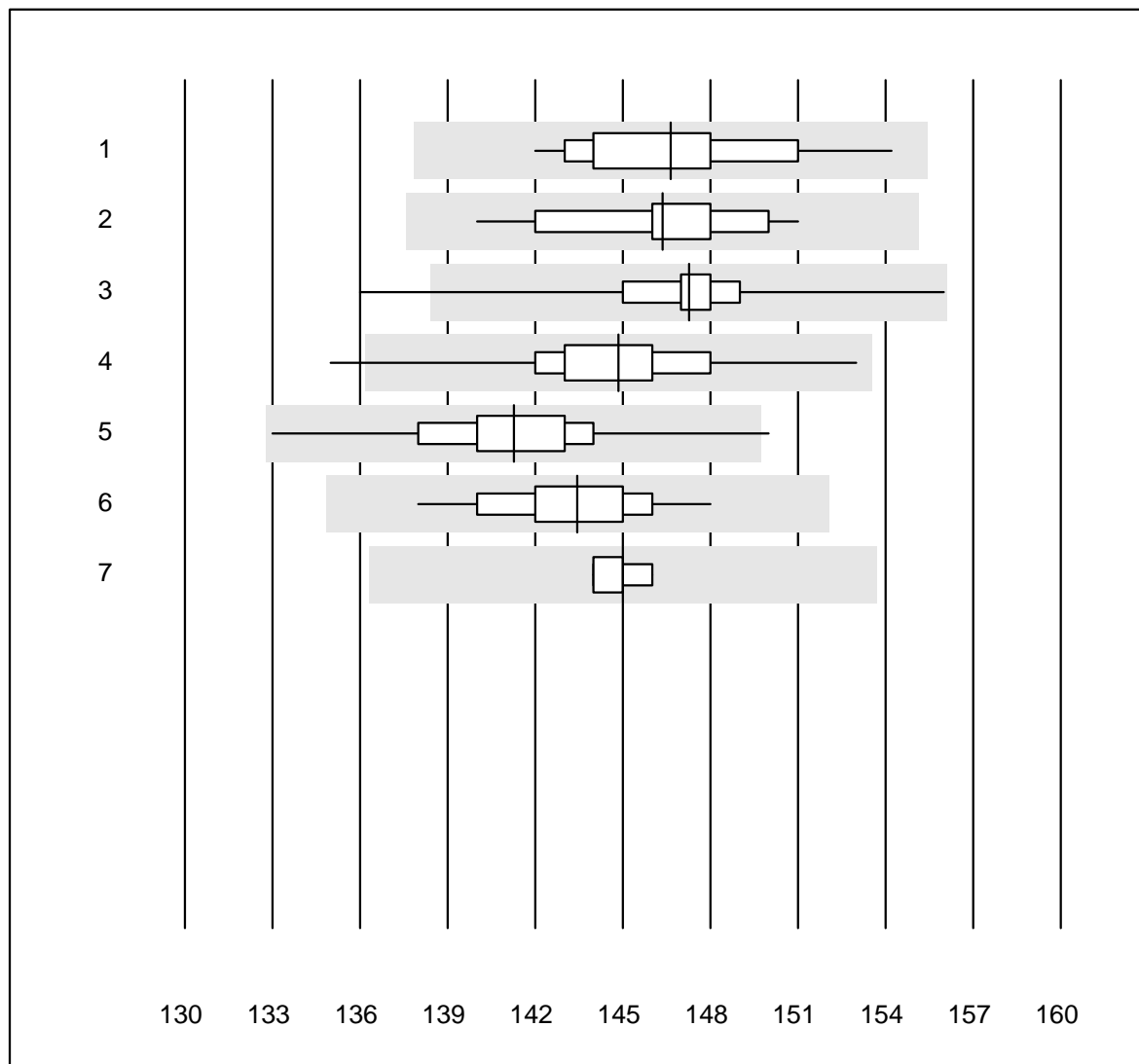


QUALAB tolerance : 12 %

Magnesium (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	13	100.0	0.0	0.0	1.18	4.2	e
2	Cobas	11	100.0	0.0	0.0	1.21	2.9	e
3	Fuji Dri-Chem	114	100.0	0.0	0.0	1.26	4.2	e
4	Spotchem D-Concept	46	97.8	2.2	0.0	0.94	5.0	e
5	Spotchem/Ready	6	83.3	16.7	0.0	1.02	7.2	e*
6	Beckman	8	100.0	0.0	0.0	1.25	4.3	e*
7	Piccolo	6	100.0	0.0	0.0	1.20	1.4	e
8	Abx Mira	4	75.0	0.0	25.0	1.16	8.2	e*

Sodium

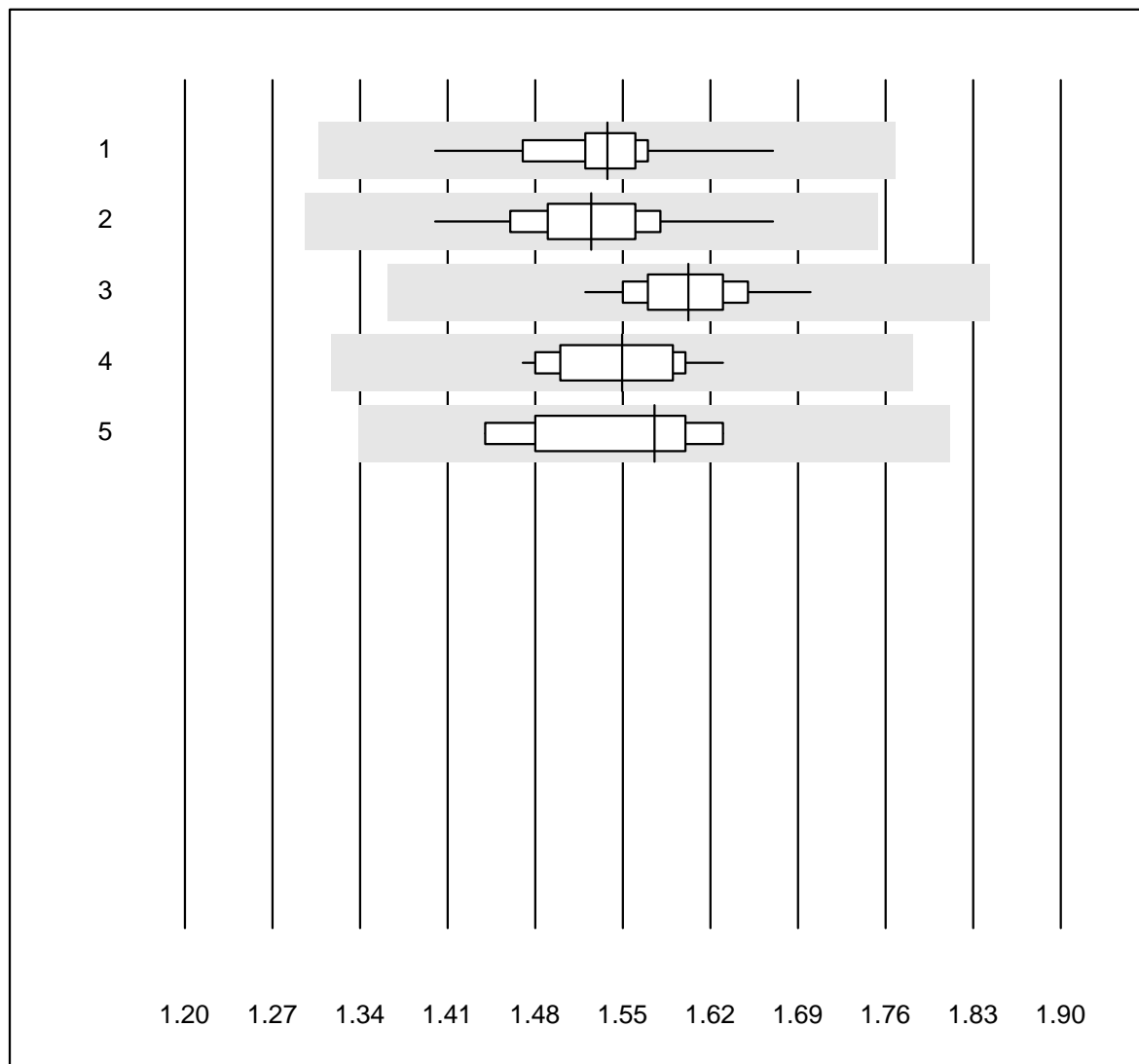


QUALAB tolerance : 6 %

Sodium (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	42	100.0	0.0	0.0	147	2.0	e
2	Cobas	18	100.0	0.0	0.0	146	1.8	e
3	Fuji Dri-Chem	779	98.6	0.5	0.9	147	1.4	e
4	Spotchem D-Concept	237	99.2	0.4	0.4	145	1.7	e
5	Spotchem EL-SE 1520	87	96.6	1.1	2.3	141	1.9	e
6	Piccolo	39	100.0	0.0	0.0	143	1.6	e
7	iStat Chem8	5	100.0	0.0	0.0	145	0.6	e

Phosphate

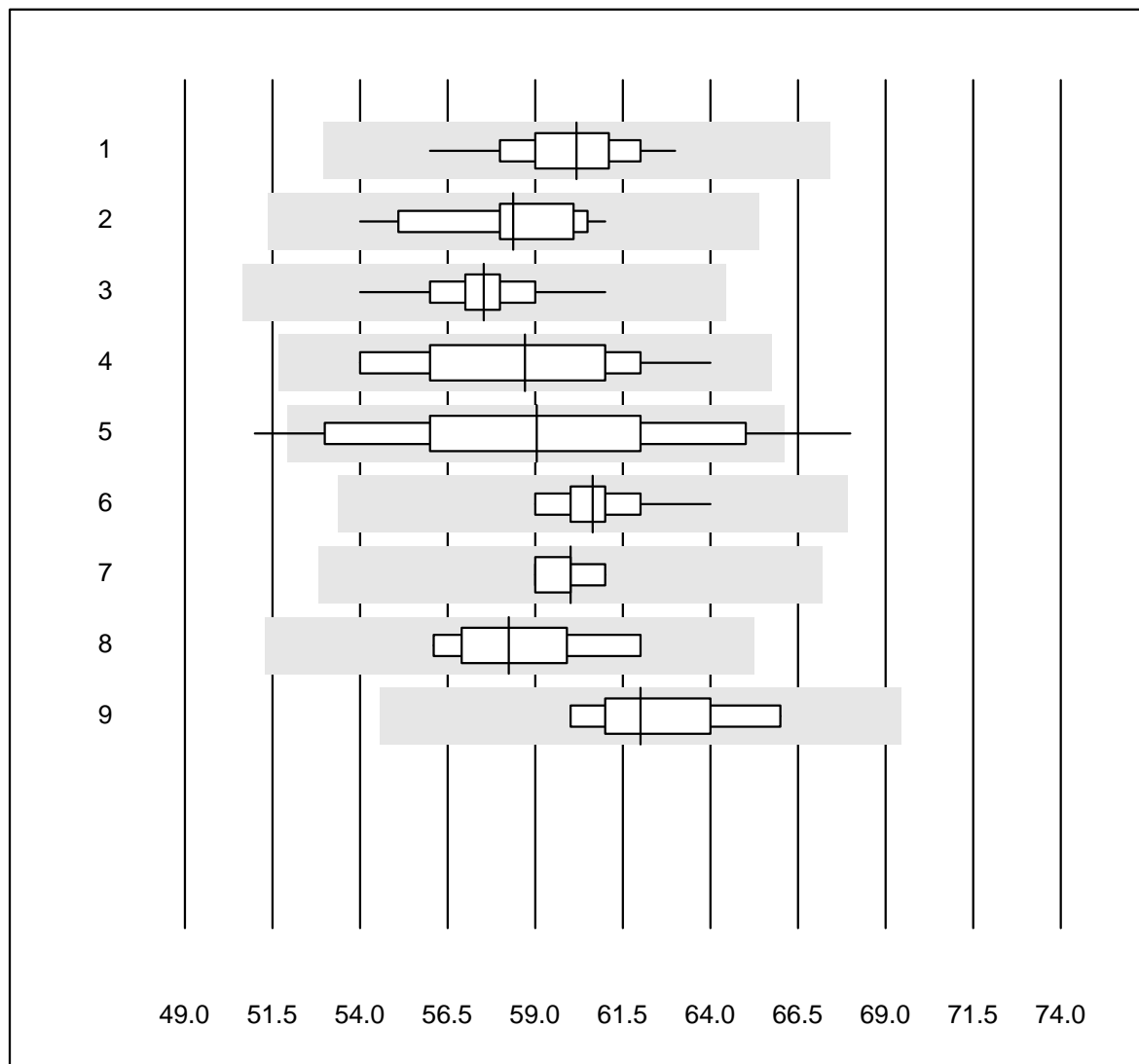


QUALAB tolerance : 15 %

Phosphate (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	20	100.0	0.0	0.0	1.5	3.4	e
2	Cobas	12	100.0	0.0	0.0	1.5	4.5	e
3	Fuji Dri-Chem	84	98.8	0.0	1.2	1.6	2.5	e
4	Spotchem D-Concept	20	100.0	0.0	0.0	1.5	2.9	e
5	Spotchem/Ready	6	100.0	0.0	0.0	1.6	4.9	e*

Protein total

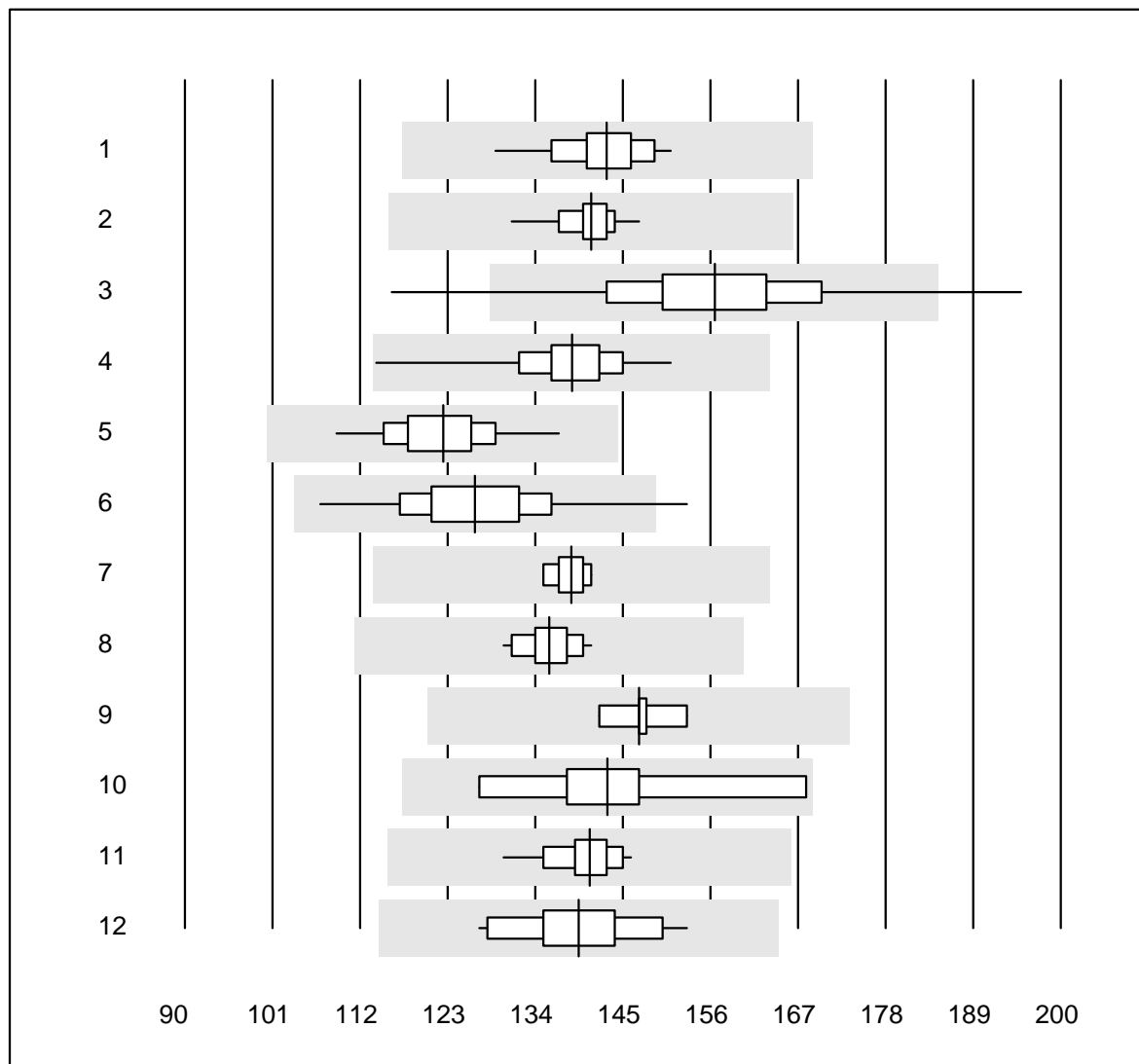


QUALAB tolerance : 12 %

Protein total (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	23	100.0	0.0	0.0	60.2	2.8	e
2	Cobas	13	100.0	0.0	0.0	58.4	3.9	e
3	Fuji Dri-Chem	180	99.4	0.0	0.6	57.5	2.5	e
4	Spotchem/Ready	27	100.0	0.0	0.0	58.7	4.9	e
5	Spotchem D-Concept	100	91.0	5.0	4.0	59.0	7.1	e
6	Piccolo	33	93.9	0.0	6.1	60.6	2.1	e
7	Skyla	5	100.0	0.0	0.0	60.0	1.4	e
8	Abx Mira	6	100.0	0.0	0.0	58.3	3.6	e*
9	Hitachi S40/M40	6	100.0	0.0	0.0	62.0	3.5	e

Aspartate aminotransferase

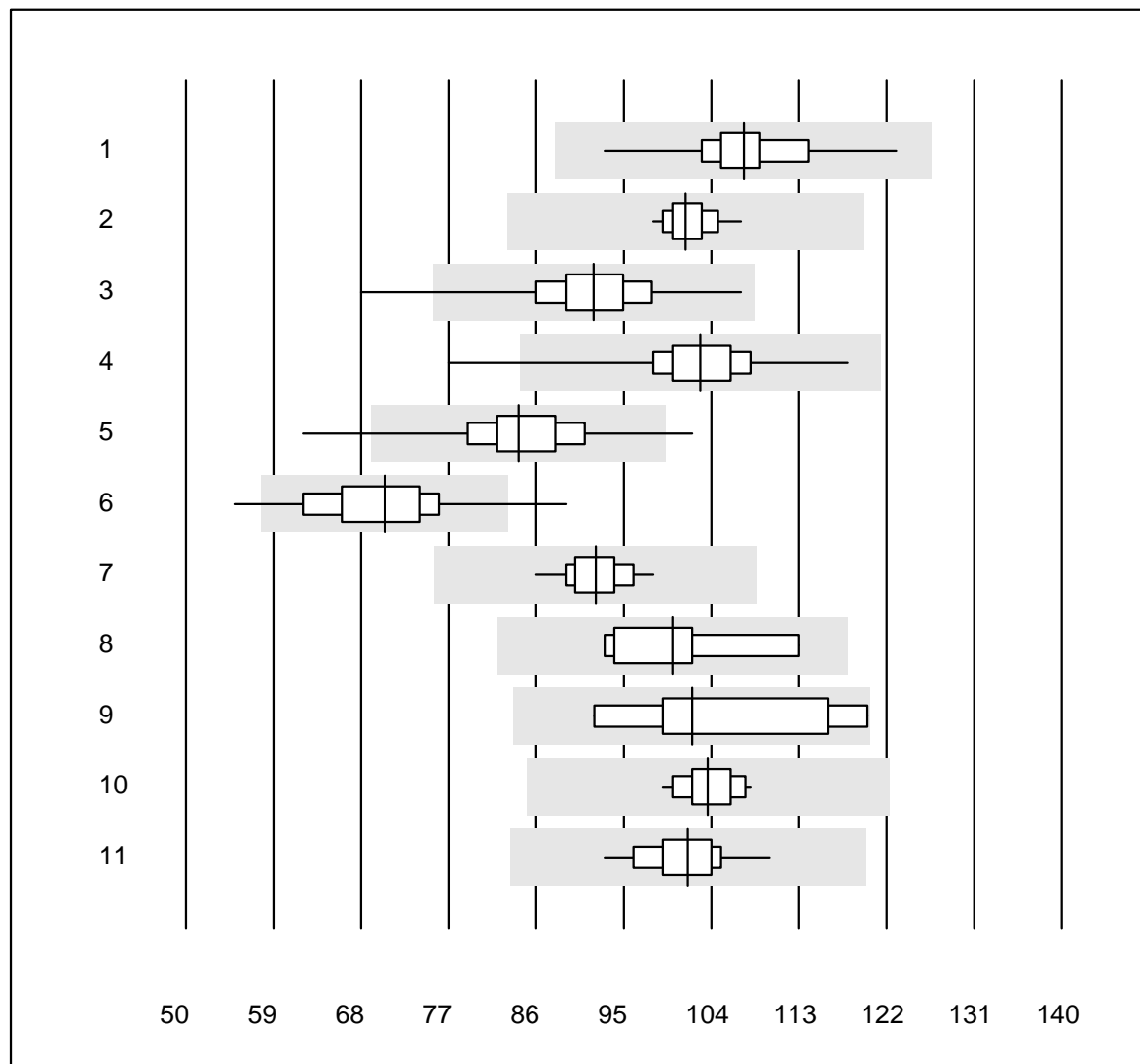


QUALAB tolerance : 18 %

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	143	3.5	e
2 Cobas	12	91.7	0.0	8.3	141	2.9	e
3 Reflotron	732	97.2	1.2	1.6	157	6.7	e
4 Fuji Dri-Chem	852	99.5	0.0	0.5	139	3.6	e
5 Spotchem/Ready	103	100.0	0.0	0.0	122	4.5	e
6 Spotchem D-Concept	261	99.2	0.8	0.0	126	5.9	e
7 IFCC without PP	6	100.0	0.0	0.0	139	1.6	e
8 Piccolo	51	100.0	0.0	0.0	136	2.2	e
9 Skyla	5	100.0	0.0	0.0	147	2.7	e
10 Abx Mira	10	90.0	0.0	10.0	143	7.9	e*
11 Hitachi S40/M40	18	100.0	0.0	0.0	141	2.7	e
12 Autolyser/DiaSys	17	100.0	0.0	0.0	139	5.1	e

Alanine aminotransferase

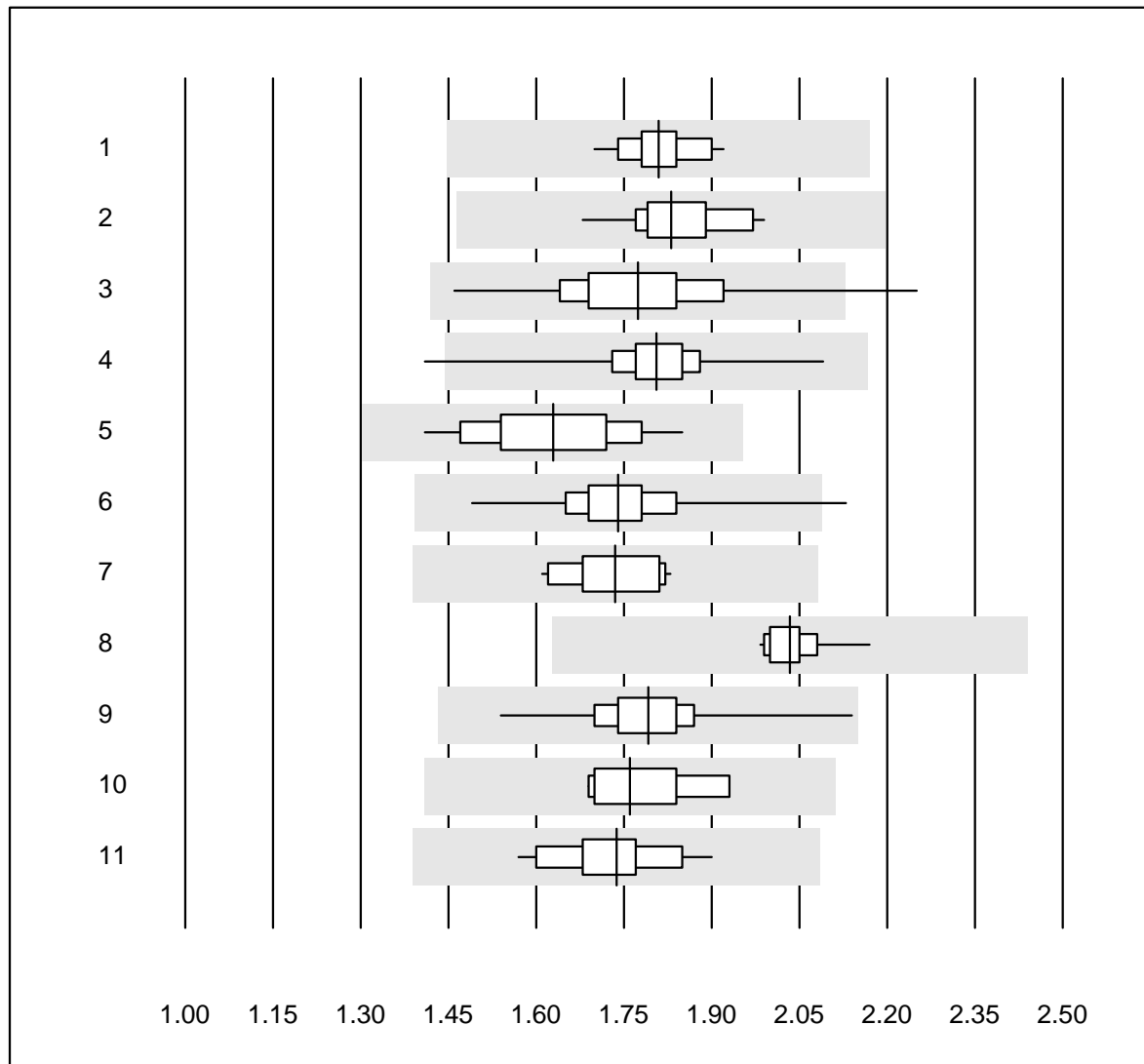


QUALAB tolerance : 18 %

Alanine aminotransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC with PP	27	100.0	0.0	0.0	107	4.9	e
2	Cobas	19	100.0	0.0	0.0	101	2.2	e
3	Reflotron	758	98.3	0.4	1.3	92	5.4	e
4	Fuji Dri-Chem	867	99.0	0.3	0.7	103	4.2	e
5	Spotchem/Ready	106	92.5	7.5	0.0	84	8.1	e
6	Spotchem D-Concept	266	98.1	1.9	0.0	70	8.1	e
7	Piccolo	51	100.0	0.0	0.0	92	3.2	e
8	Skyla	6	100.0	0.0	0.0	100	7.2	e*
9	Abx Mira	9	88.9	0.0	11.1	102	9.5	e*
10	Hitachi S40/M40	18	100.0	0.0	0.0	104	2.5	e
11	Autolyser/DiaSys	17	100.0	0.0	0.0	102	3.9	e

Triglycerides

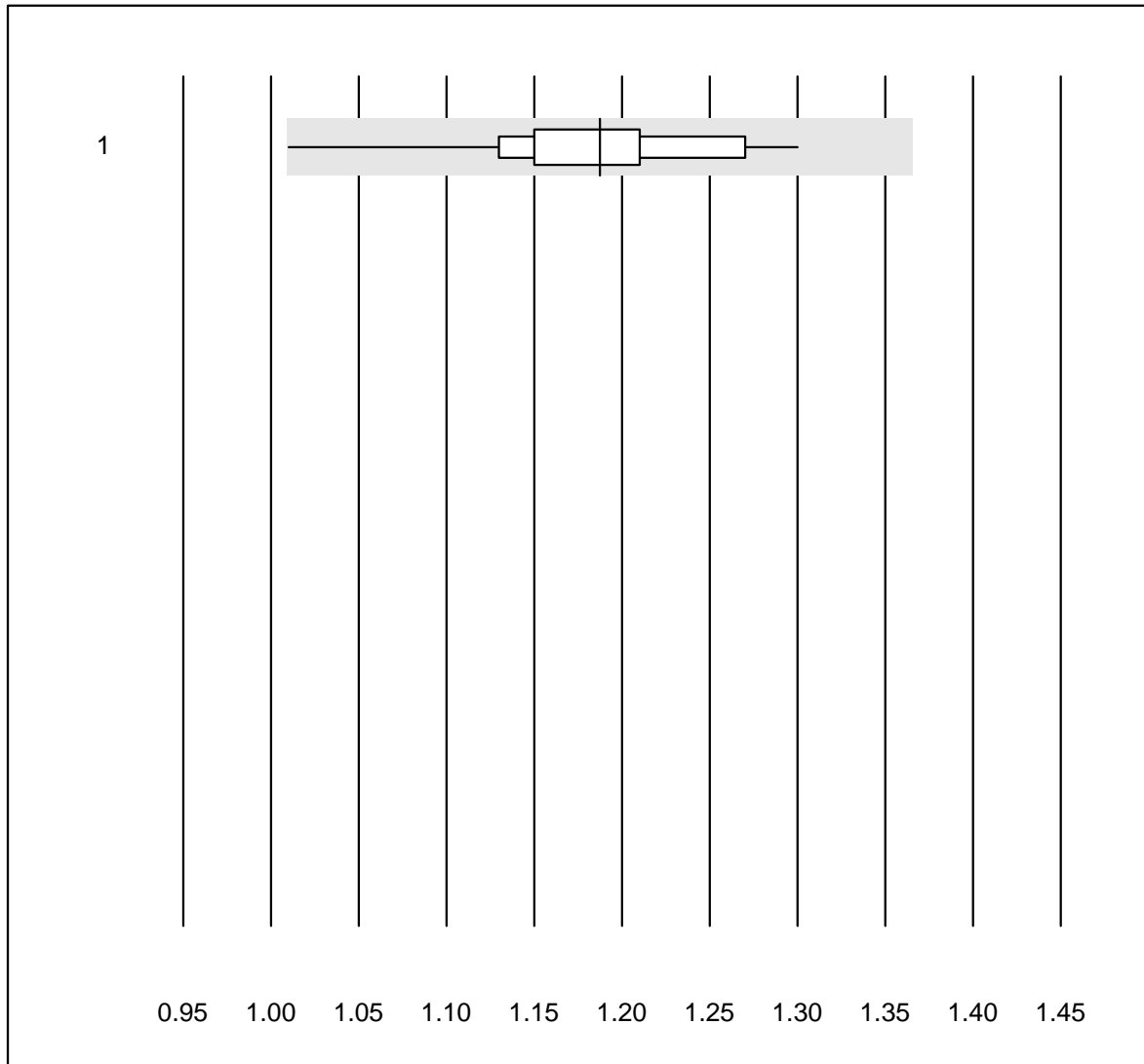


QUALAB tolerance : 20 %

Triglycerides (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	24	100.0	0.0	0.0	1.81	3.1	e
2	Cobas	19	100.0	0.0	0.0	1.83	4.0	e
3	Reflotron	465	95.5	1.3	3.2	1.77	6.8	e
4	Fuji Dri-Chem	753	99.1	0.1	0.8	1.80	3.5	e
5	Spotchem/Ready	84	97.6	0.0	2.4	1.63	7.0	e
6	Spotchem D-Concept	233	98.3	0.4	1.3	1.74	4.8	e
7	Hitachi S40/M40	15	100.0	0.0	0.0	1.74	4.4	e
8	Piccolo	18	100.0	0.0	0.0	2.03	2.2	e
9	Cholestech LDX	141	98.6	0.0	1.4	1.79	4.5	e
10	Abx Mira	9	88.9	0.0	11.1	1.76	5.0	e
11	Autolyser/DiaSys	16	100.0	0.0	0.0	1.74	4.8	e

Lithium

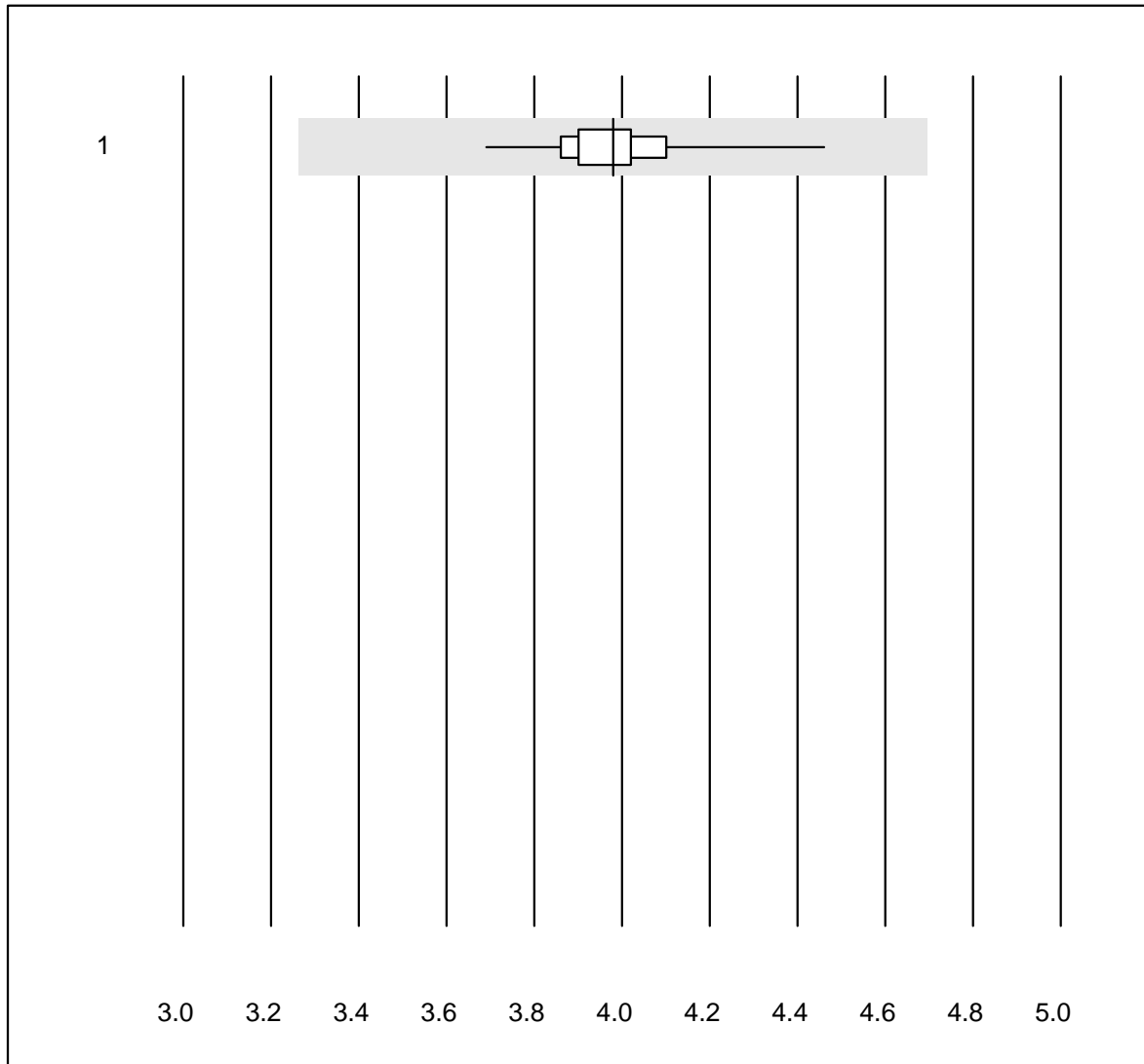


QUALAB tolerance : 15 %

Lithium (mmol/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 all Participants	16	100.0	0.0	0.0	1.19	5.7	e

Lactate

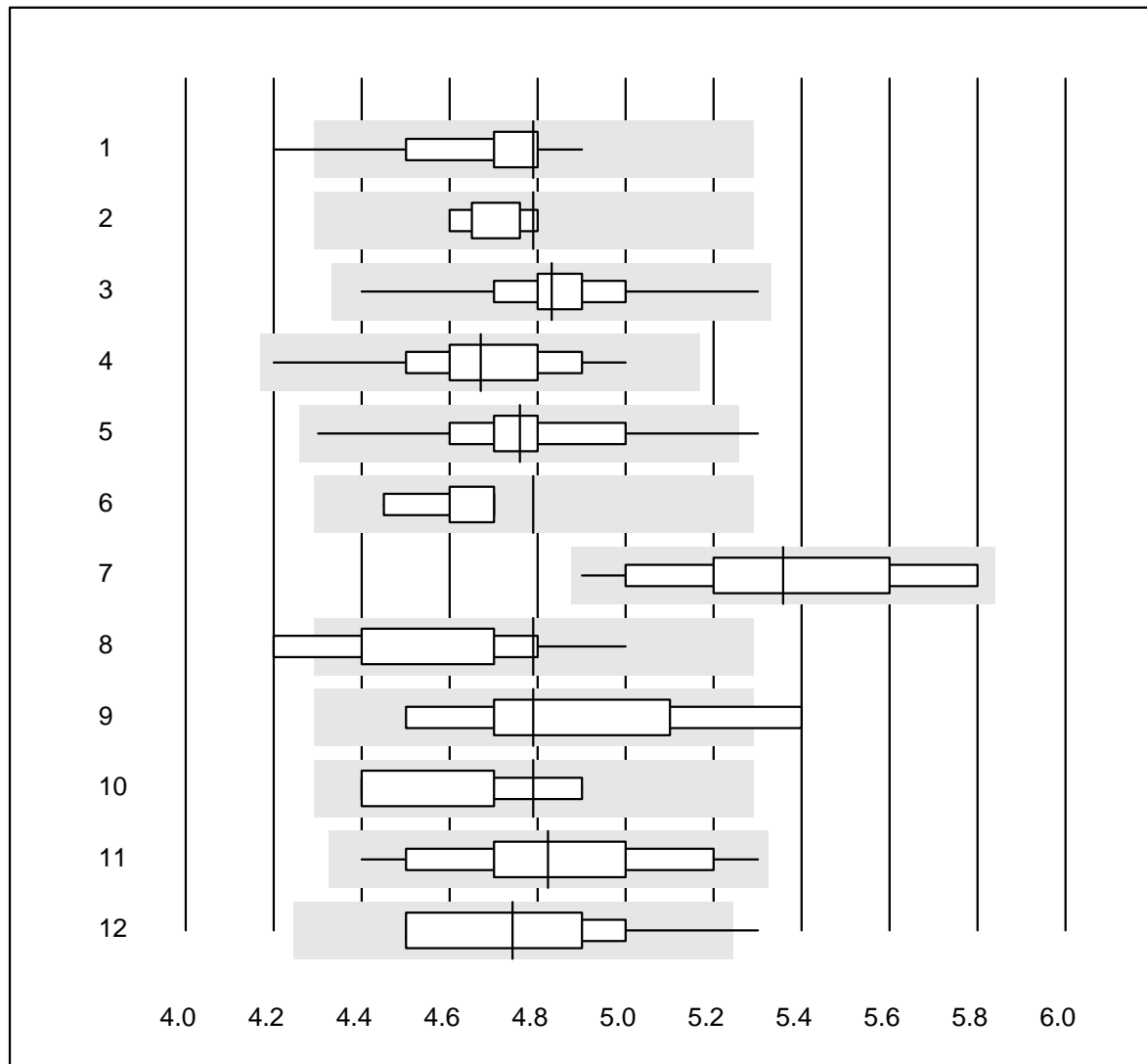


QUALAB tolerance : 18 %

Lactate (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	12	91.7	0.0	8.3	3.98	4.8	e

HbA1c sample A

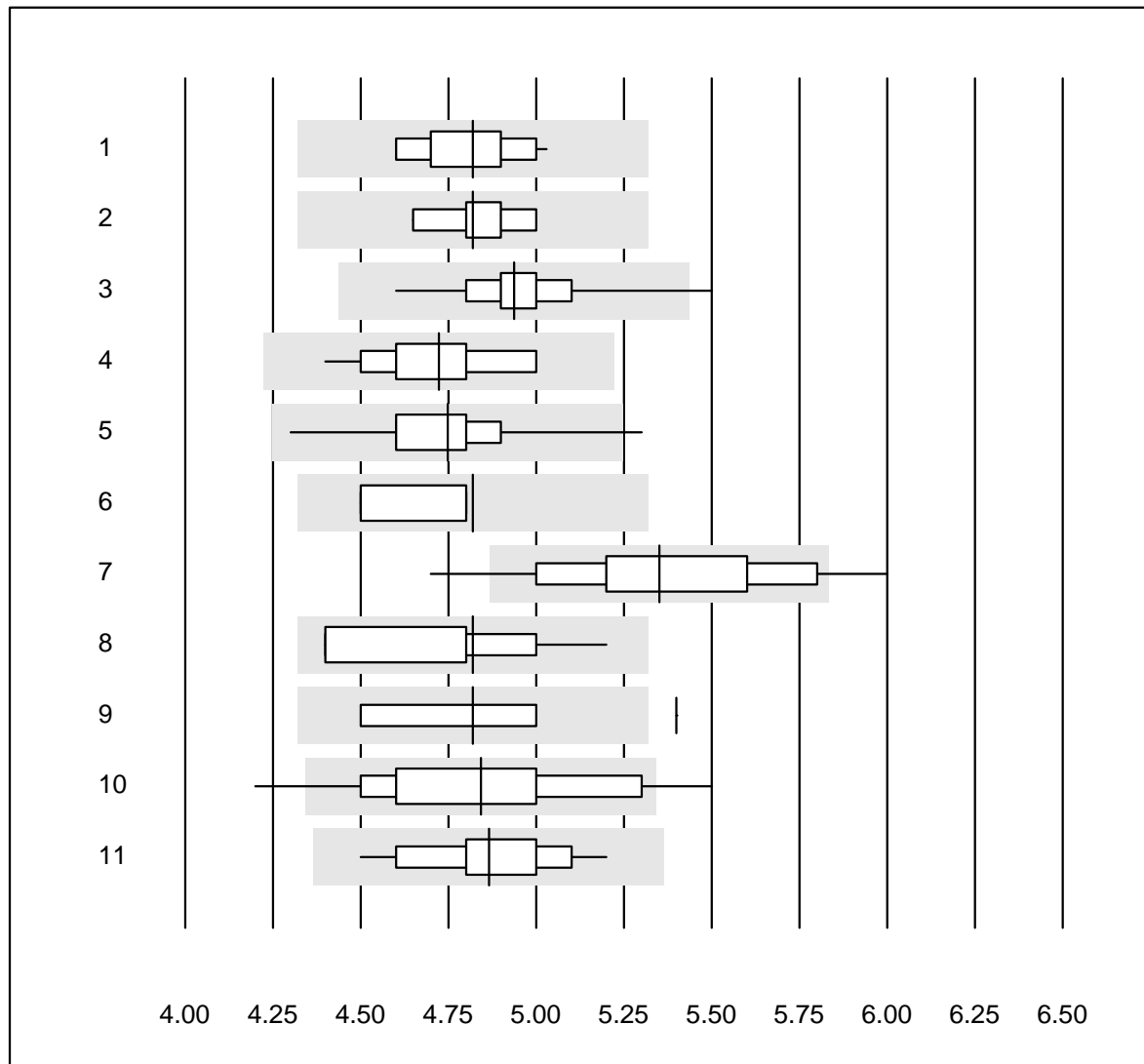


QUALAB tolerance : 9 %
(< 5.0: +/- 0.5 %)

HbA1c sample A (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Roche, Cobas	13	92.3	7.7	0.0	4.8	3.9	a
2	HPLC	8	100.0	0.0	0.0	4.8	1.5	a
3	Afinion	683	100.0	0.0	0.0	4.8	2.7	e
4	Cobas b101	67	100.0	0.0	0.0	4.7	3.2	e
5	DCA2000/Vantage	189	98.4	0.5	1.1	4.8	3.6	e
6	Celltac chemi	8	100.0	0.0	0.0	4.8	1.9	a
7	Nycocard	44	97.7	0.0	2.3	5.4	5.1	e
8	Eurolyser	12	75.0	16.7	8.3	4.8	5.2	a
9	Hemocue HbA1c 501	9	44.5	11.1	44.4	4.8	7.1	a
10	A1c Now	4	100.0	0.0	0.0	4.8	4.8	a
11	AFIAS	38	100.0	0.0	0.0	4.8	4.9	e
12	Others	21	95.2	4.8	0.0	4.7	4.9	e

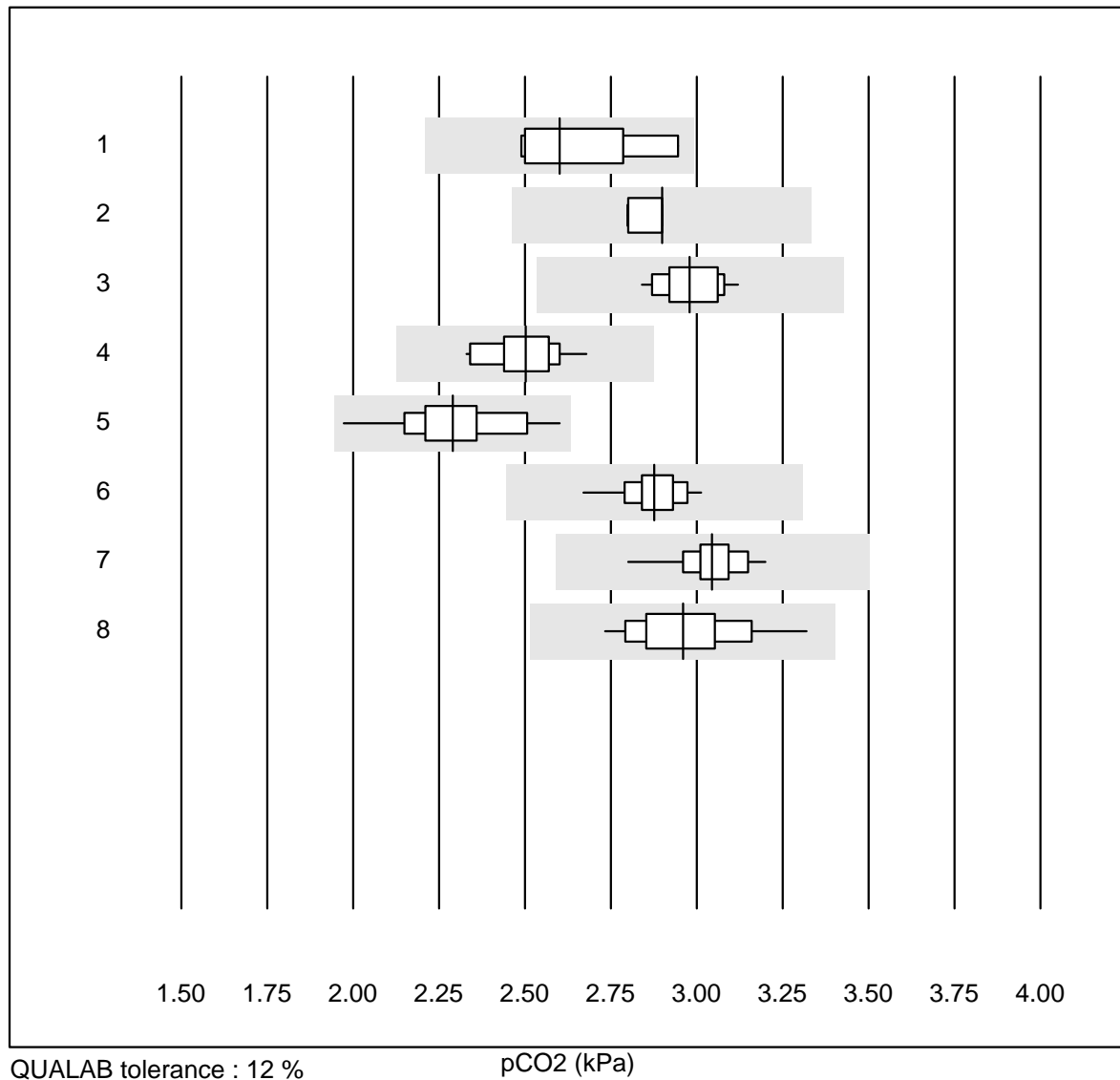
HbA1c sample B



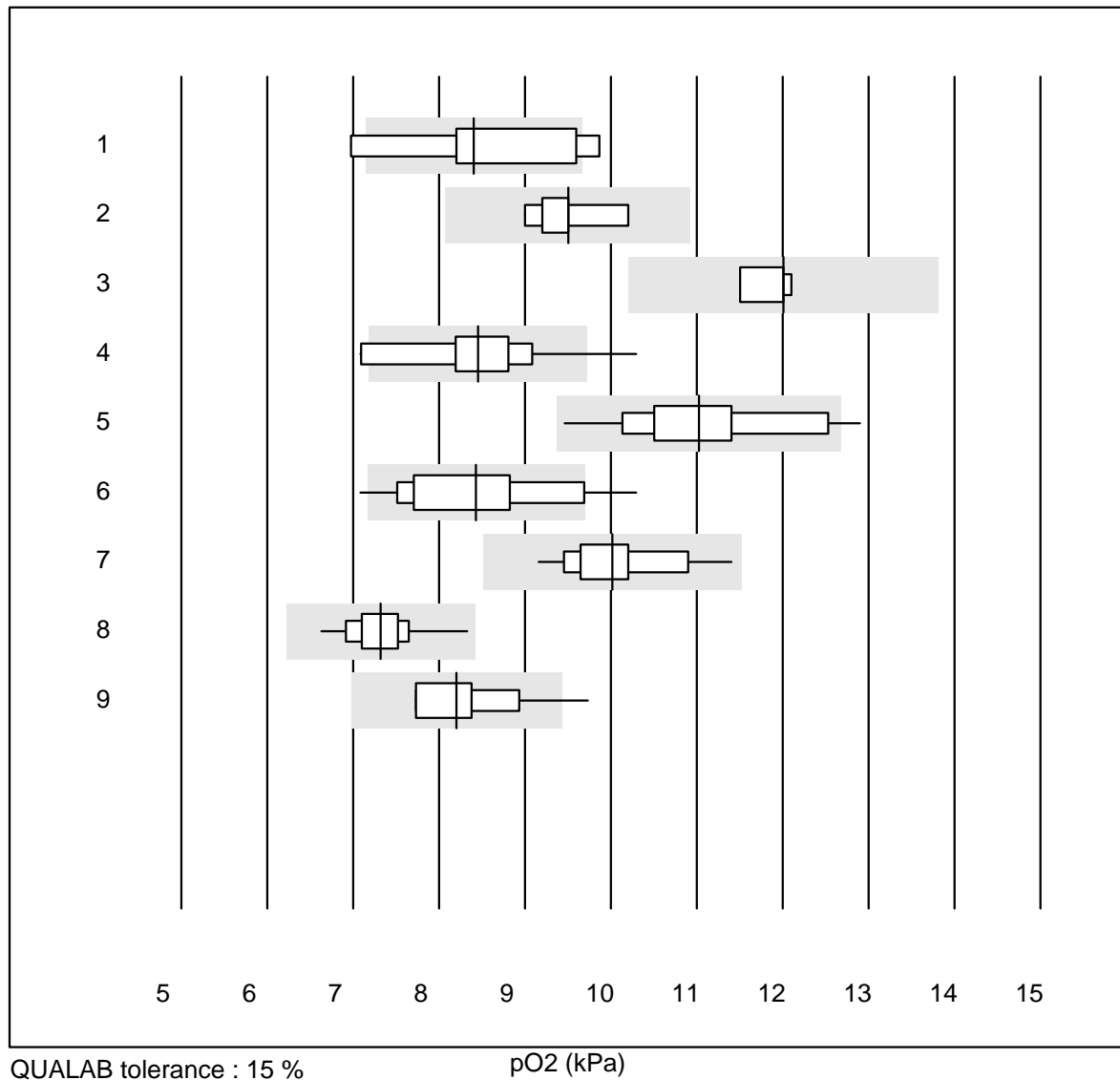
QUALAB tolerance : 9 %
(< 5.0: +/- 0.5 %)

HbA1c sample B (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Roche, Cobas	14	100.0	0.0	0.0	4.8	3.0	a
2	HPLC	8	100.0	0.0	0.0	4.8	2.1	a
3	Afinion	699	99.2	0.1	0.7	4.9	2.5	e
4	Cobas b101	53	100.0	0.0	0.0	4.7	3.3	e
5	DCA2000/Vantage	213	99.5	0.5	0.0	4.7	3.2	e
6	Celltac chemi	6	100.0	0.0	0.0	4.8	3.0	a
7	NycoCard	36	83.3	11.1	5.6	5.4	5.8	e
8	Eurolyser	16	100.0	0.0	0.0	4.8	5.3	a
9	Hemocue HbA1c 501	4	0.0	25.0	75.0	4.8	0.0	a
10	AFIAS	26	92.3	7.7	0.0	4.8	6.0	e*
11	Others	17	100.0	0.0	0.0	4.9	3.7	e

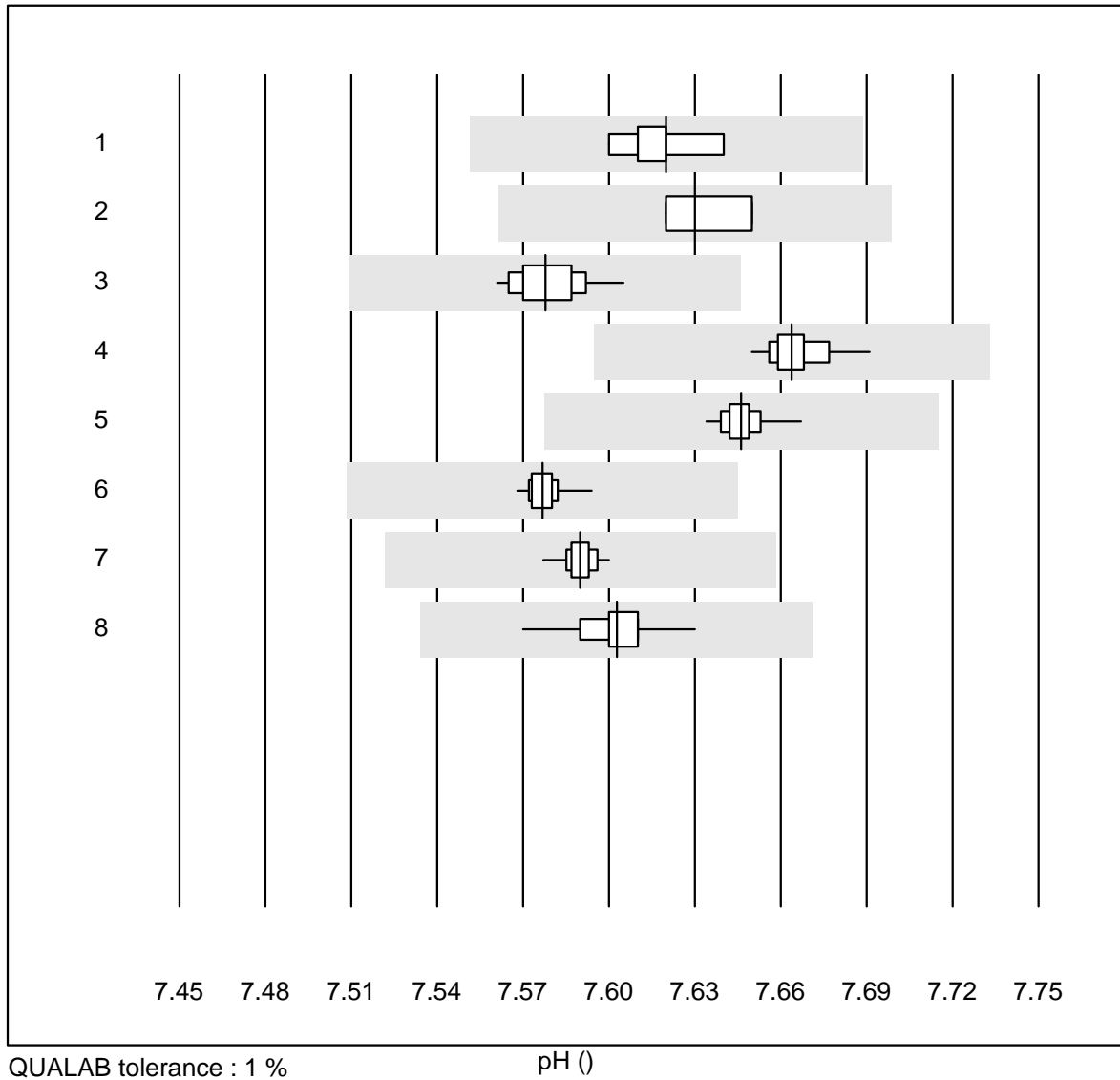
pCO₂

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL80 FLEX	8	100.0	0.0	0.0	2.60	6.3	e*
2	GEM	5	100.0	0.0	0.0	2.90	1.9	e
3	Cobas	22	100.0	0.0	0.0	2.98	2.7	e
4	iStat	33	100.0	0.0	0.0	2.50	3.8	e
5	EPOC	42	97.6	0.0	2.4	2.29	6.3	e
6	ABL700/800	69	100.0	0.0	0.0	2.88	2.5	e
7	ABL90 FLEX / PLUS	54	100.0	0.0	0.0	3.05	2.6	e
8	ABL80 FLEX CO-OX / O	15	93.3	0.0	6.7	2.96	5.1	e

pO₂

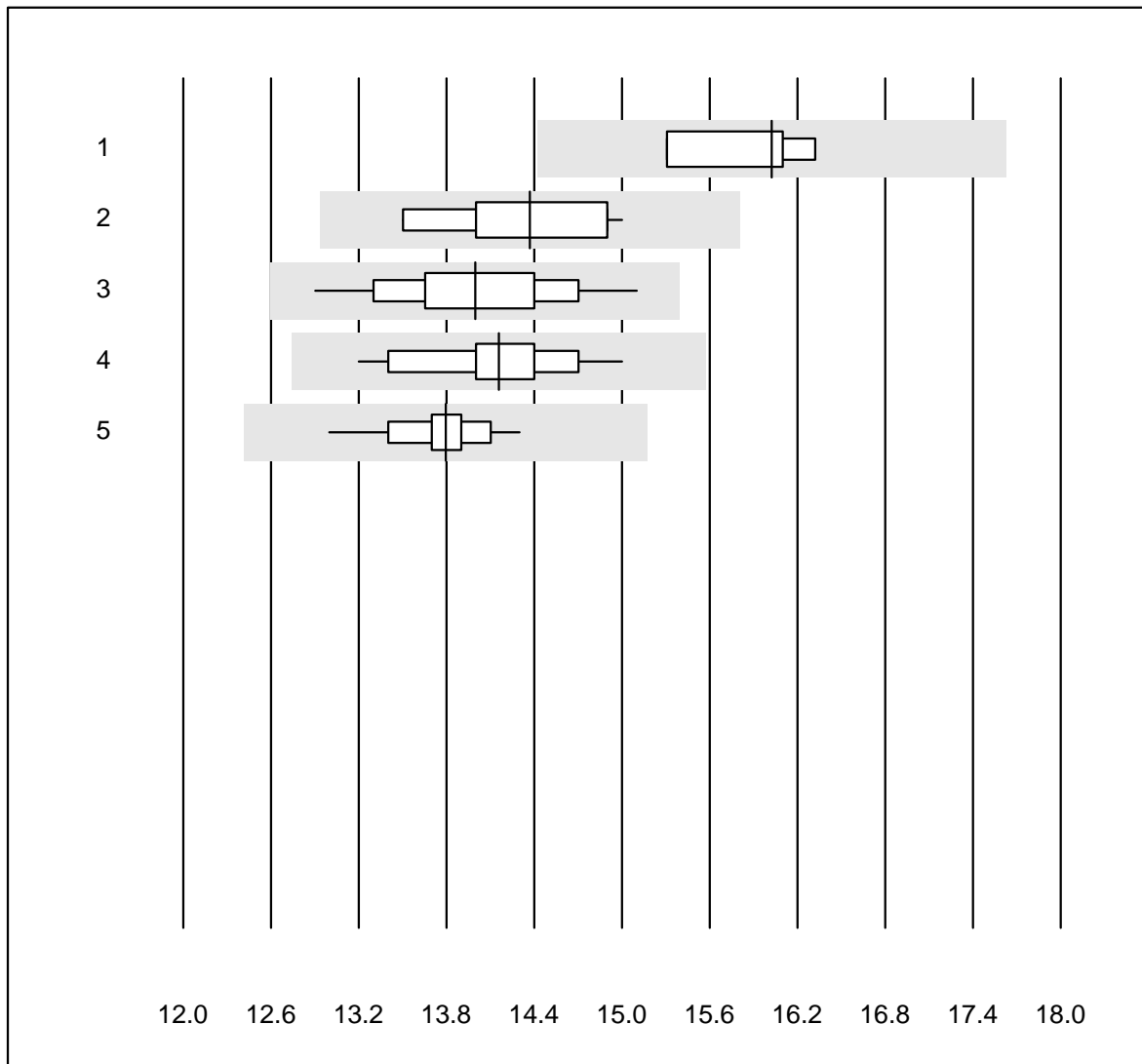
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL80 FLEX	7	57.1	28.6	14.3	8.40	12.1	e*
2	GEM	5	100.0	0.0	0.0	9.50	4.8	e*
3	Cobas b221	5	80.0	0.0	20.0	12.01	2.3	e
4	Cobas b121/123	14	71.5	21.4	7.1	8.45	9.8	e*
5	iStat	32	87.5	3.1	9.4	11.02	7.1	e
6	EPOC	42	76.2	9.5	14.3	8.43	9.6	e
7	ABL700/800	69	85.5	0.0	14.5	10.02	5.0	e
8	ABL90 FLEX / PLUS	54	94.4	0.0	5.6	7.32	4.5	e
9	ABL80 FLEX CO-OX / O	14	71.5	7.1	21.4	8.20	7.6	e*

pH



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL80 FLEX	8	100.0	0.0	0.0	7.62	0.2	e
2	GEM	5	100.0	0.0	0.0	7.63	0.2	e
3	Cobas	21	100.0	0.0	0.0	7.58	0.2	e
4	iStat	34	100.0	0.0	0.0	7.66	0.1	e
5	EPOC	41	100.0	0.0	0.0	7.65	0.1	e
6	ABL700/800	69	98.6	0.0	1.4	7.58	0.1	e
7	ABL90 FLEX / PLUS	54	100.0	0.0	0.0	7.59	0.1	e
8	ABL80 FLEX CO-OX / O	15	100.0	0.0	0.0	7.60	0.2	e

Glucose BG

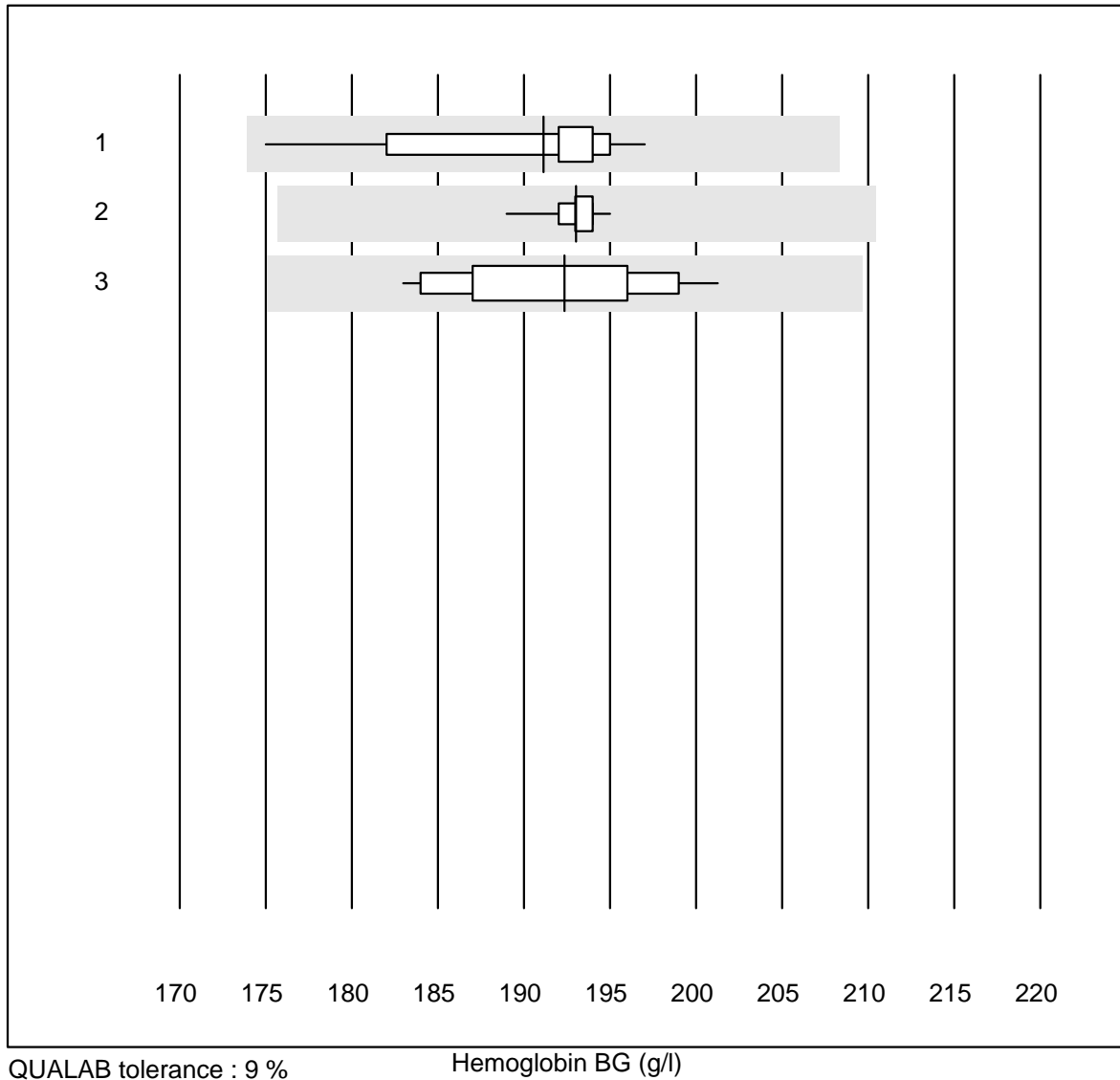


QUALAB tolerance : 10 %

Glucose BG (mmol/l)

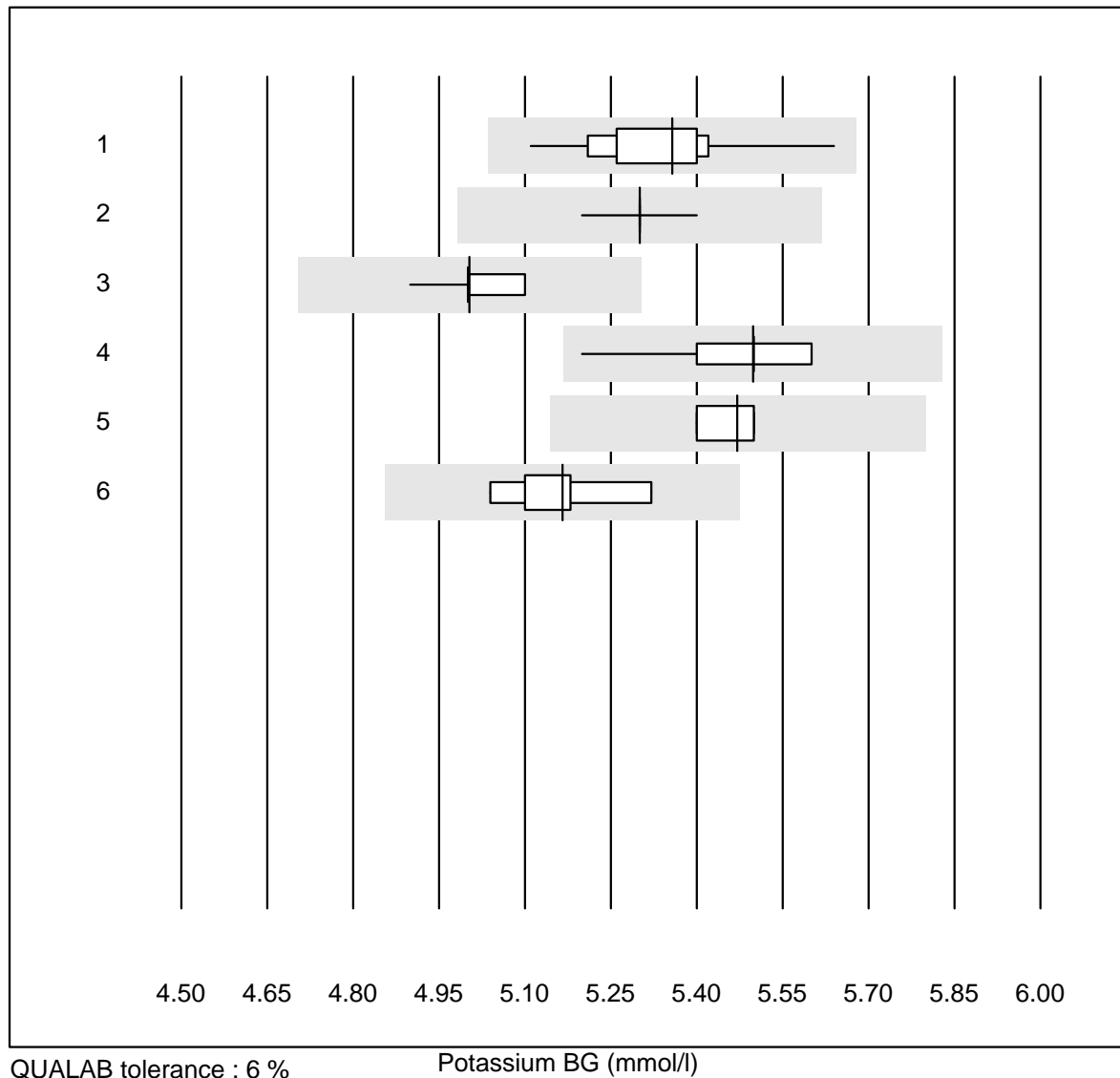
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b221	4	100.0	0.0	0.0	16.0	2.7	e*
2	Cobas	10	100.0	0.0	0.0	14.4	3.6	e
3	EPOC	30	100.0	0.0	0.0	14.0	3.8	e
4	ABL700/800	58	98.3	0.0	1.7	14.2	3.0	e
5	ABL90 FLEX / PLUS	52	100.0	0.0	0.0	13.8	2.0	e

Hemoglobin BG



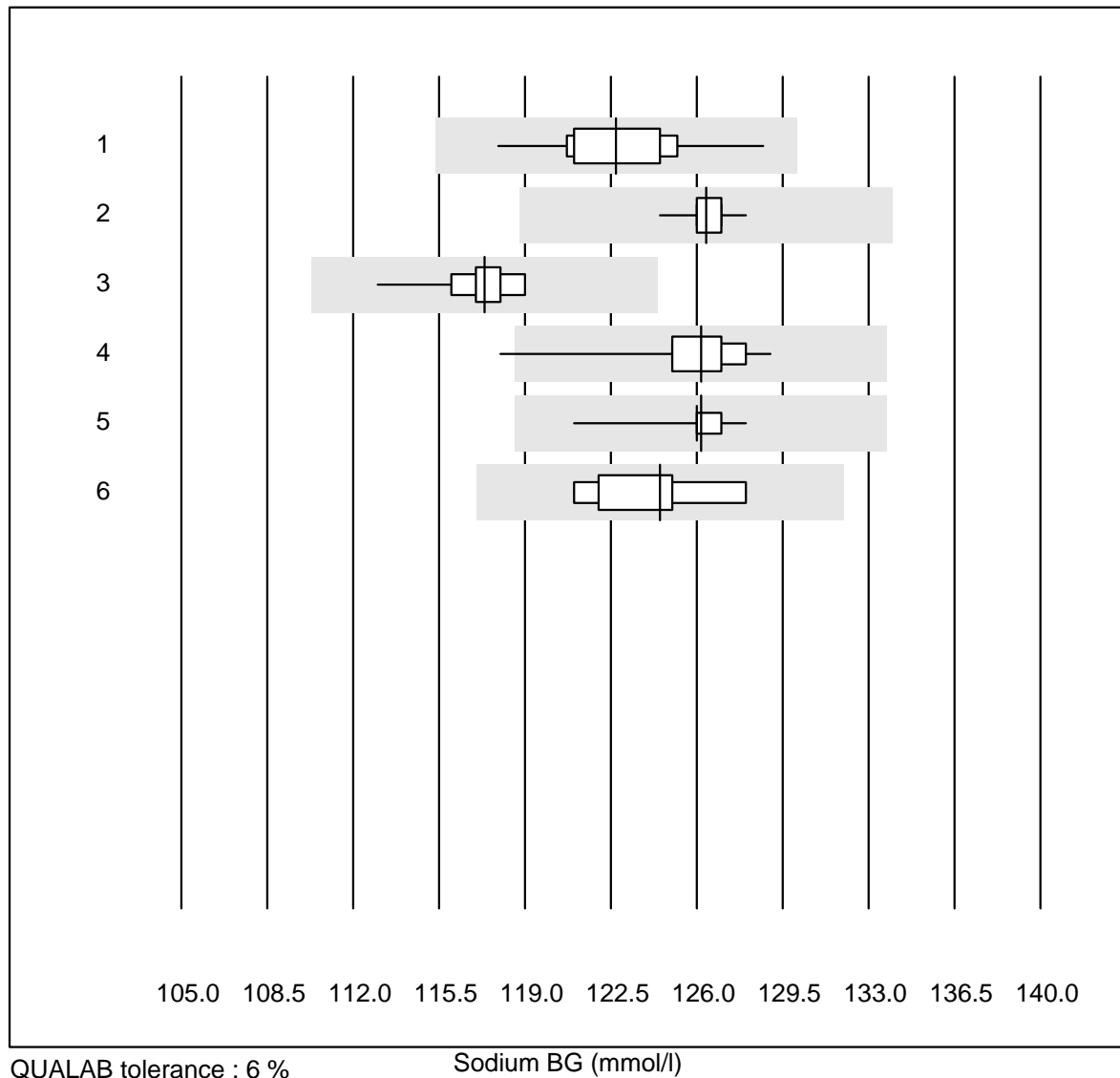
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	59	100.0	0.0	0.0	191.1	2.4	e
2	ABL90 FLEX / PLUS	52	100.0	0.0	0.0	193.0	0.5	e
3	ABL80 FLEX CO-OX / O	12	100.0	0.0	0.0	192.4	3.0	e

Potassium BG



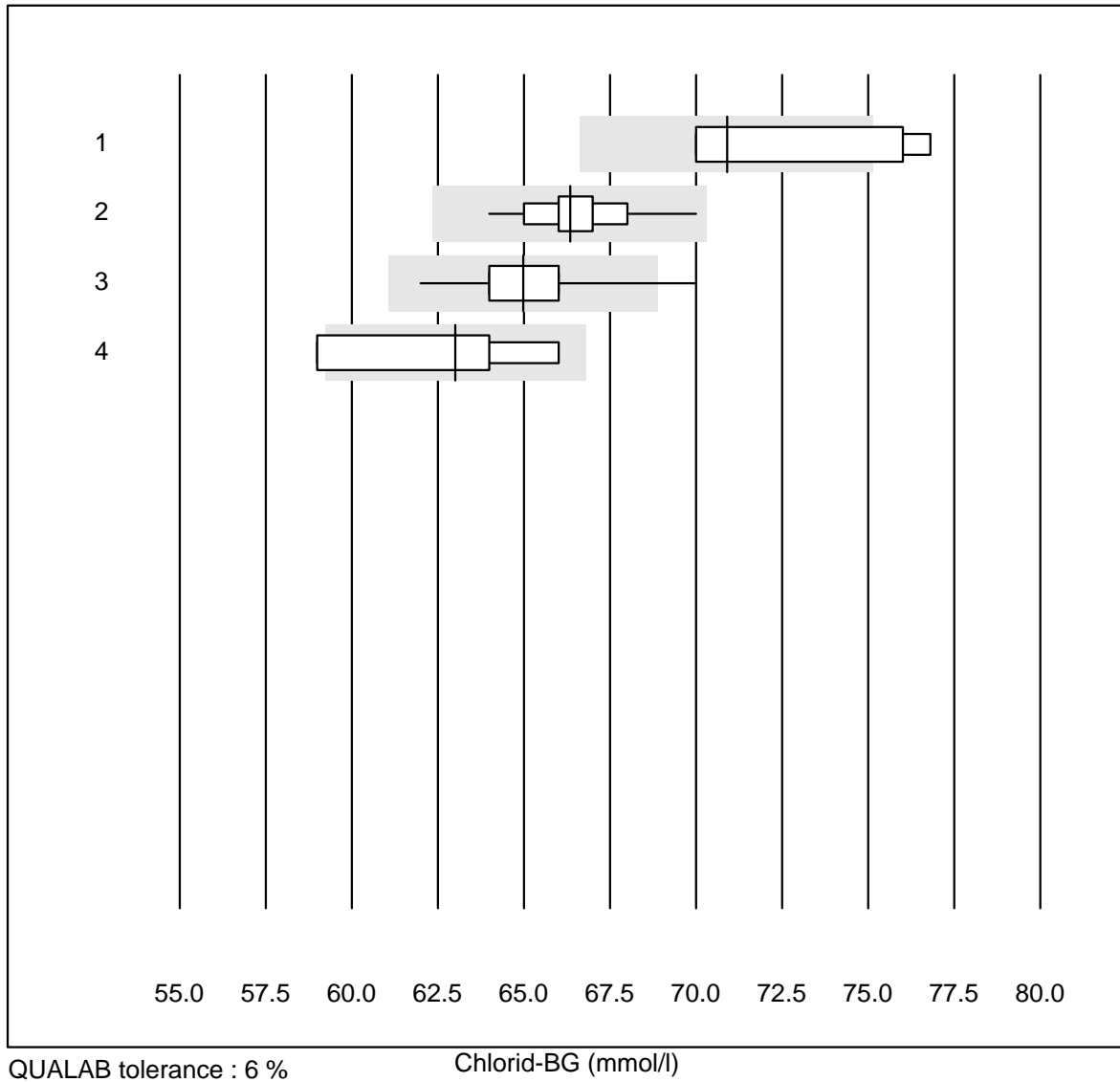
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	23	100.0	0.0	0.0	5.4	2.3	e
2	iStat	12	100.0	0.0	0.0	5.3	0.8	e
3	EPOC	37	97.3	0.0	2.7	5.0	0.9	e
4	ABL700/800	60	98.3	0.0	1.7	5.5	1.2	e
5	ABL90 FLEX / PLUS	53	100.0	0.0	0.0	5.5	0.9	e
6	ABL80 FLEX CO-OX / O	6	100.0	0.0	0.0	5.2	1.8	e*

Sodium BG



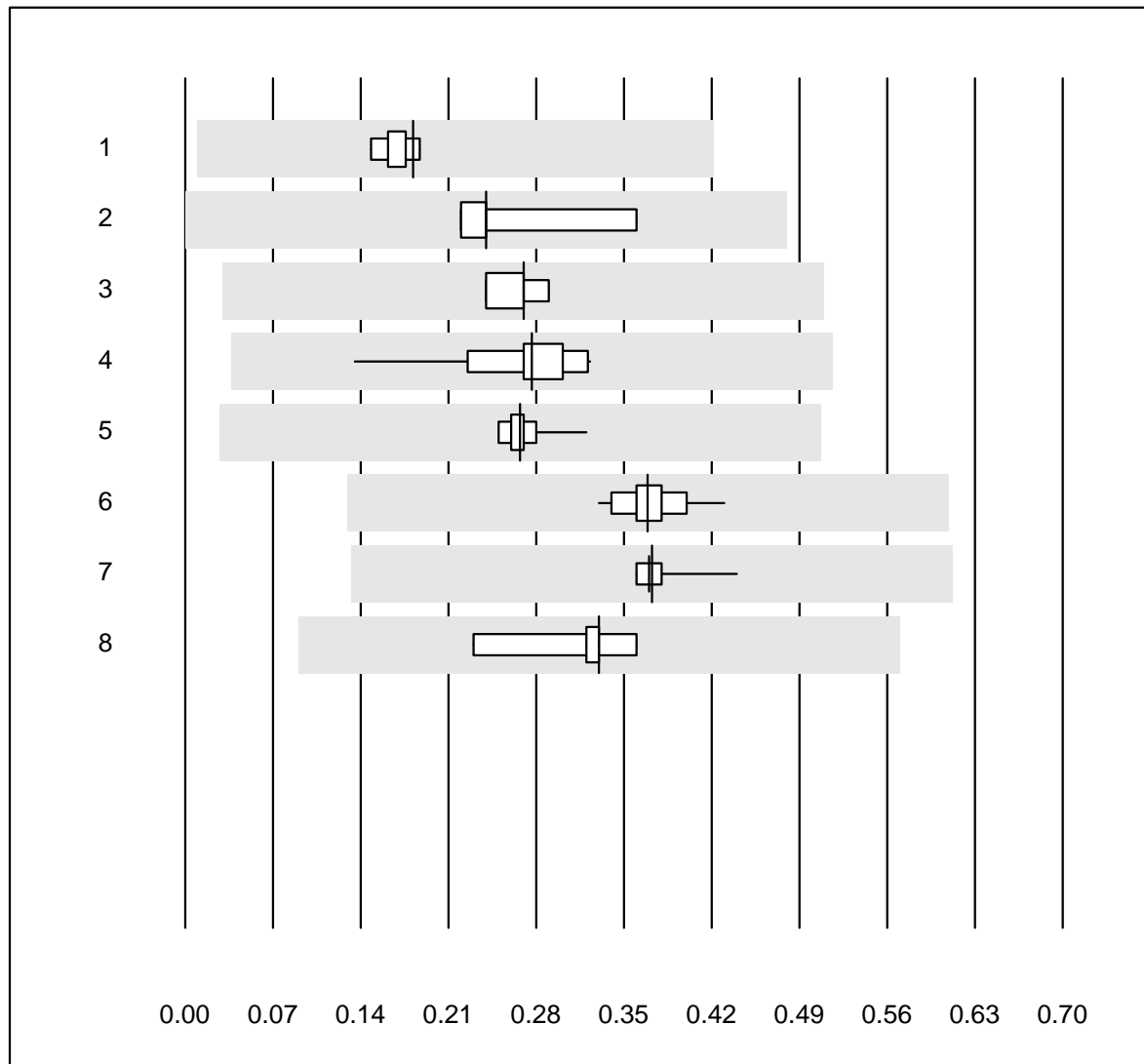
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	23	100.0	0.0	0.0	122.7	2.1	e
2	iStat	12	100.0	0.0	0.0	126.4	0.7	e
3	EPOC	33	100.0	0.0	0.0	117.4	1.3	e
4	ABL700/800	58	96.6	1.7	1.7	126.2	1.3	e
5	ABL90 FLEX / PLUS	54	100.0	0.0	0.0	126.2	0.7	e
6	ABL80 FLEX CO-OX / O	6	100.0	0.0	0.0	124.5	2.0	e*

Chlorid-BG



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Cobas	9	66.7	33.3	0.0	70.9	4.2	e*
2 ABL700/800	54	100.0	0.0	0.0	66.3	1.7	e
3 ABL90 FLEX / PLUS	53	98.1	1.9	0.0	65.0	1.8	e
4 ABL80 FLEX CO-OX / O	4	75.0	25.0	0.0	63.0	4.8	e*

Calcium-BG

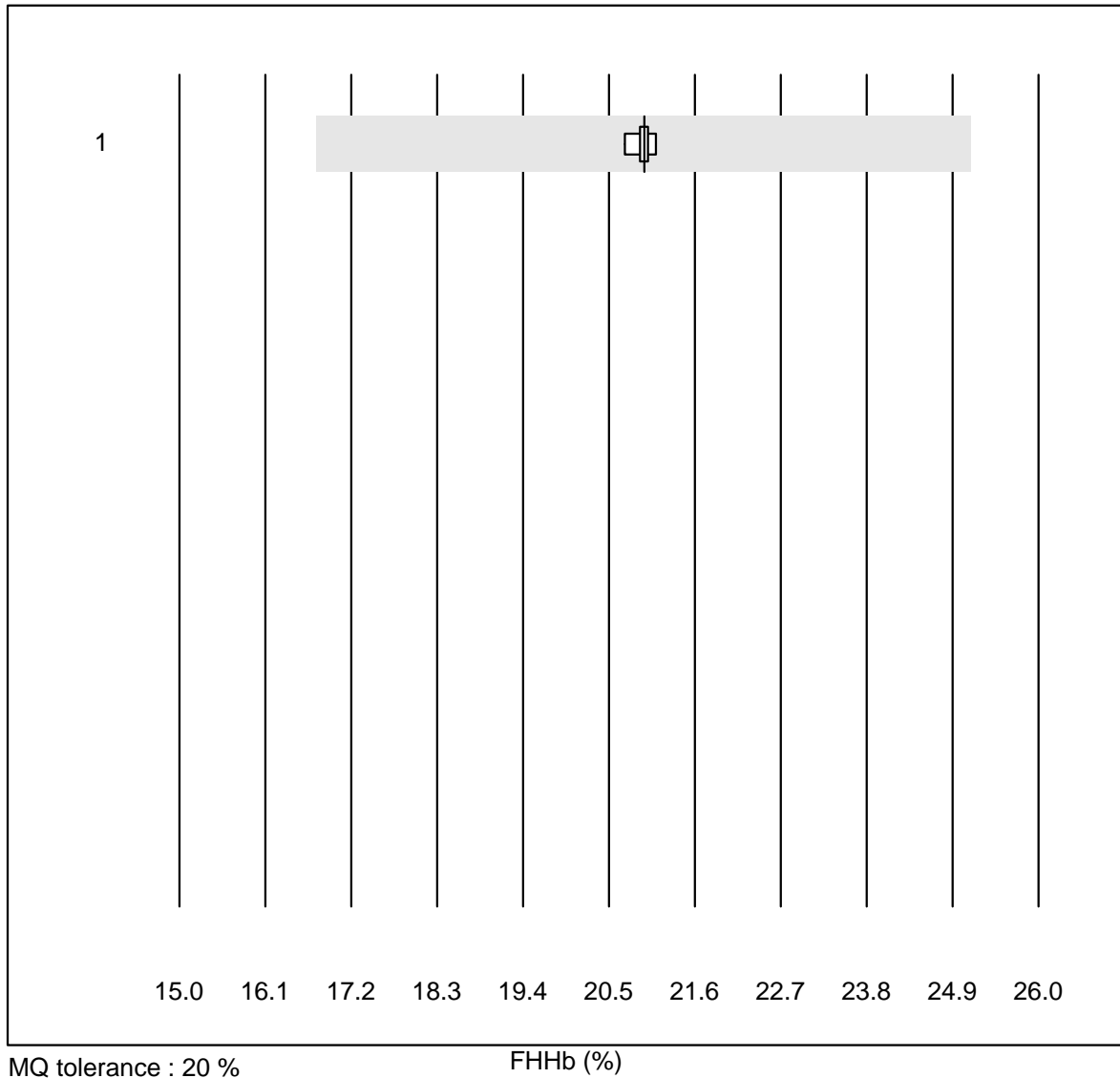


MQ tolerance : 12 %
(< 2.00: +/- 0.24 mmol/l)

Calcium-BG (mmol/l)

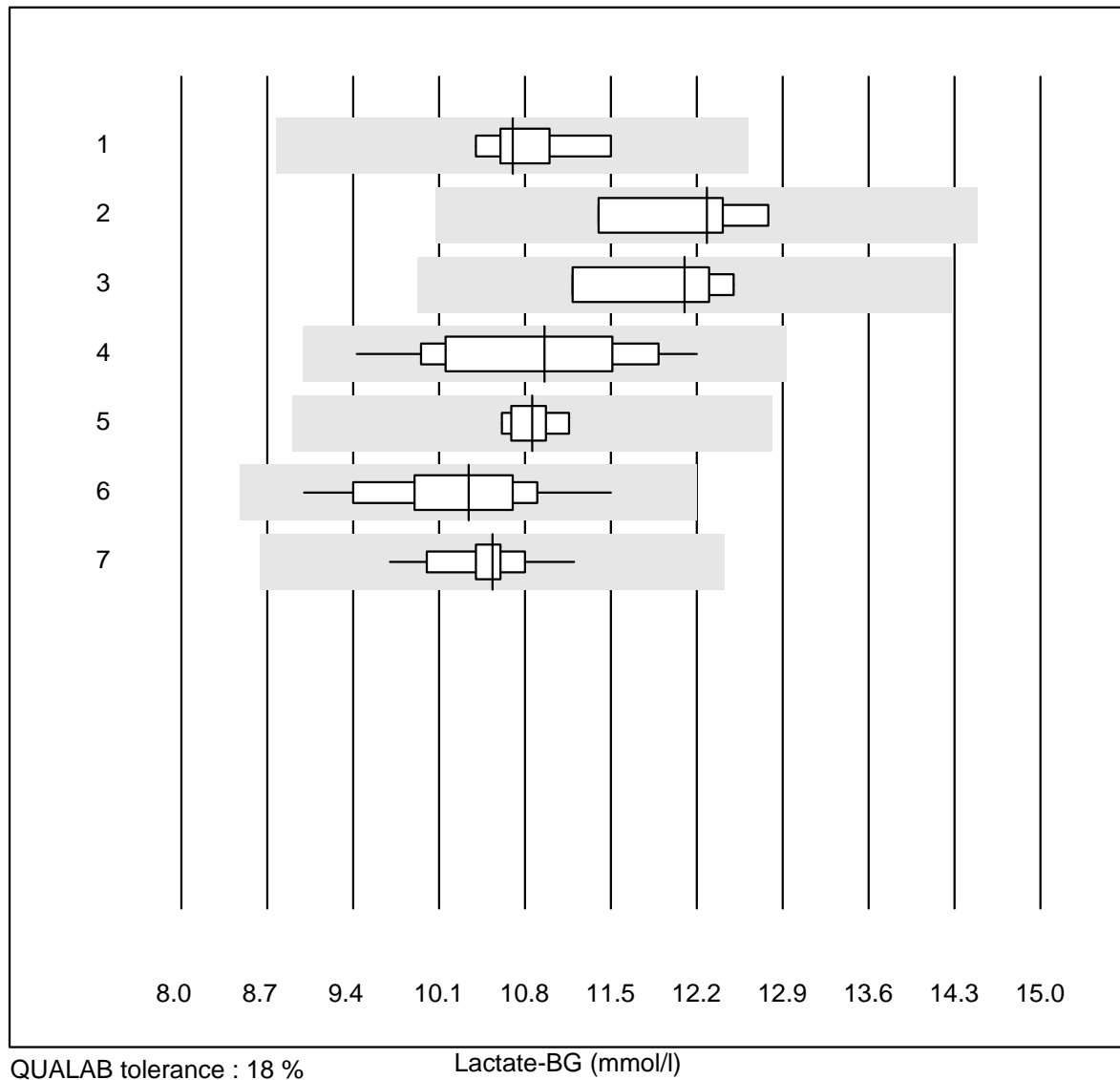
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b123	8	62.5	0.0	37.5	0.18	8.7	e*
2	ABL80 FLEX	4	100.0	0.0	0.0	0.24	24.2	e*
3	GEM	4	100.0	0.0	0.0	0.27	7.7	e*
4	Cobas	13	92.3	0.0	7.7	0.28	18.7	e*
5	EPOC	32	100.0	0.0	0.0	0.27	5.9	e
6	ABL700/800	60	98.3	0.0	1.7	0.37	5.5	e
7	ABL90 FLEX / PLUS	54	100.0	0.0	0.0	0.37	3.7	e
8	ABL80 FLEX CO-OX / O	5	100.0	0.0	0.0	0.33	15.7	e*

FHHb



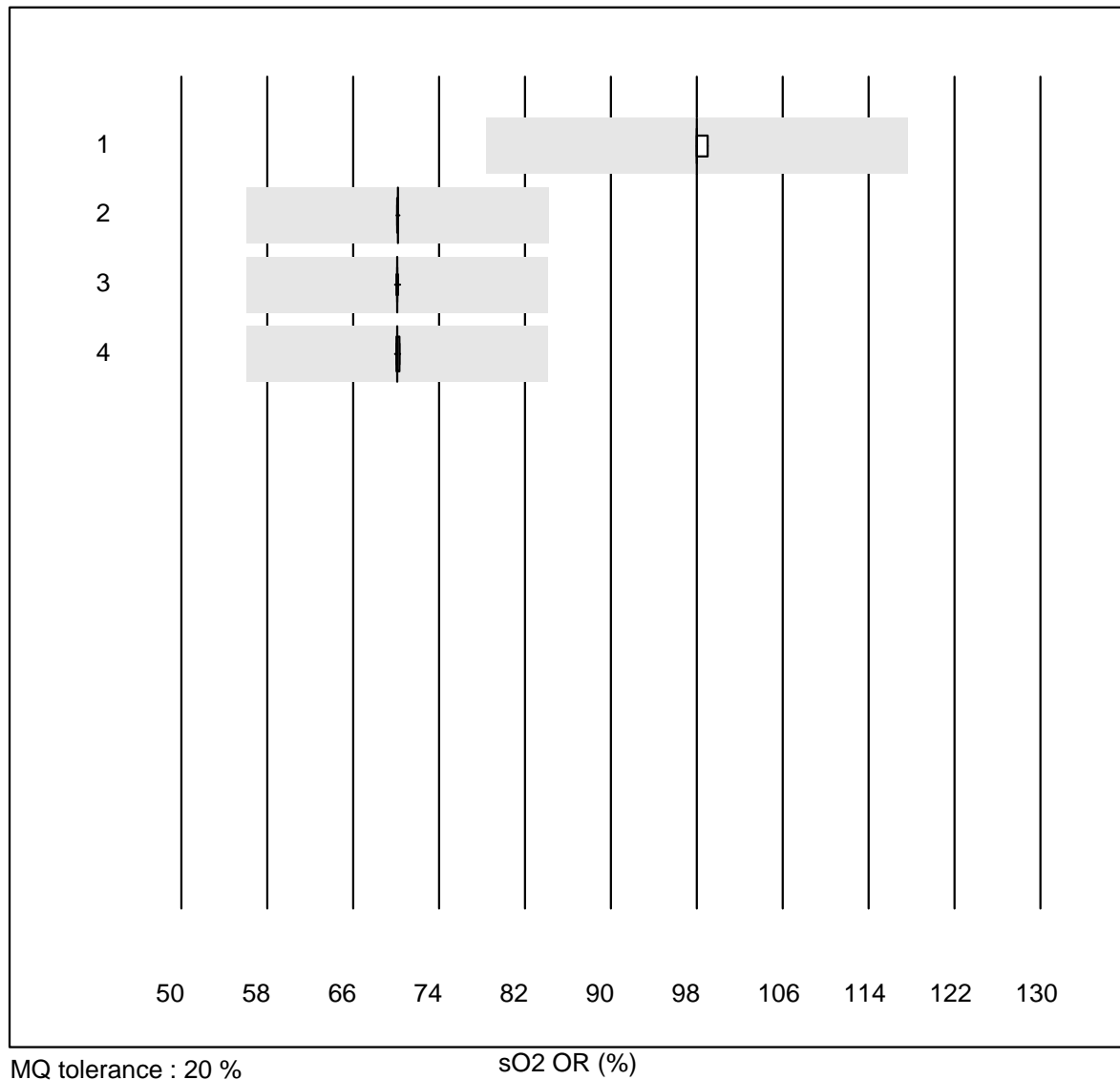
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL80 FLEX CO-OX / O	6	100.0	0.0	0.0	20.950	0.7	e

Lactate-BG



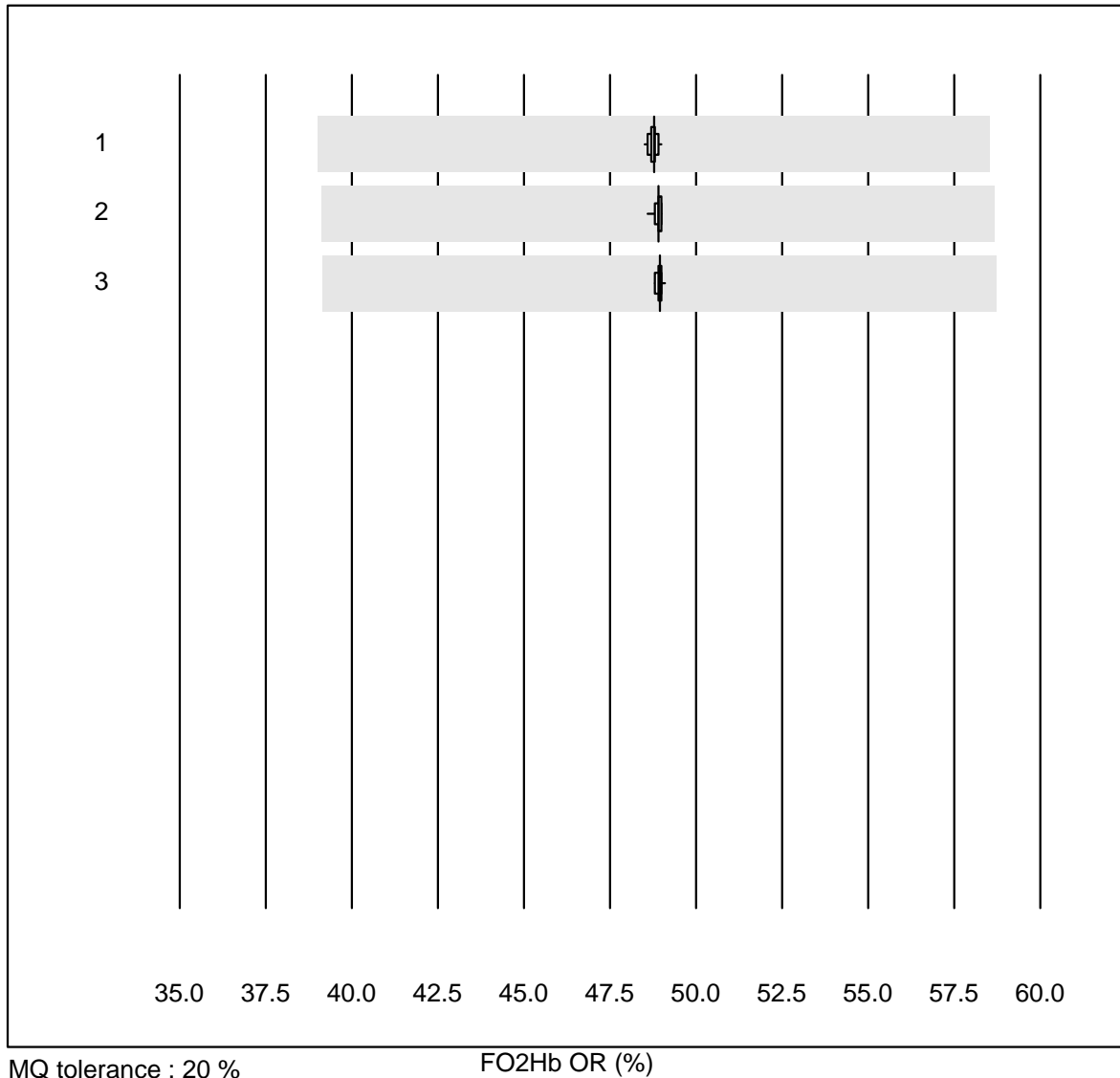
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Cobas b123	8	100.0	0.0	0.0	10.70	3.6	e
2 Cobas	4	100.0	0.0	0.0	12.28	4.8	e*
3 IL	4	100.0	0.0	0.0	12.10	4.8	e*
4 EPOC	38	100.0	0.0	0.0	10.96	6.8	e
5 iStat	9	100.0	0.0	0.0	10.86	1.8	e
6 ABL700/800	63	98.4	0.0	1.6	10.34	5.8	e
7 ABL90 FLEX / PLUS	54	100.0	0.0	0.0	10.53	3.0	e

sO2 OR



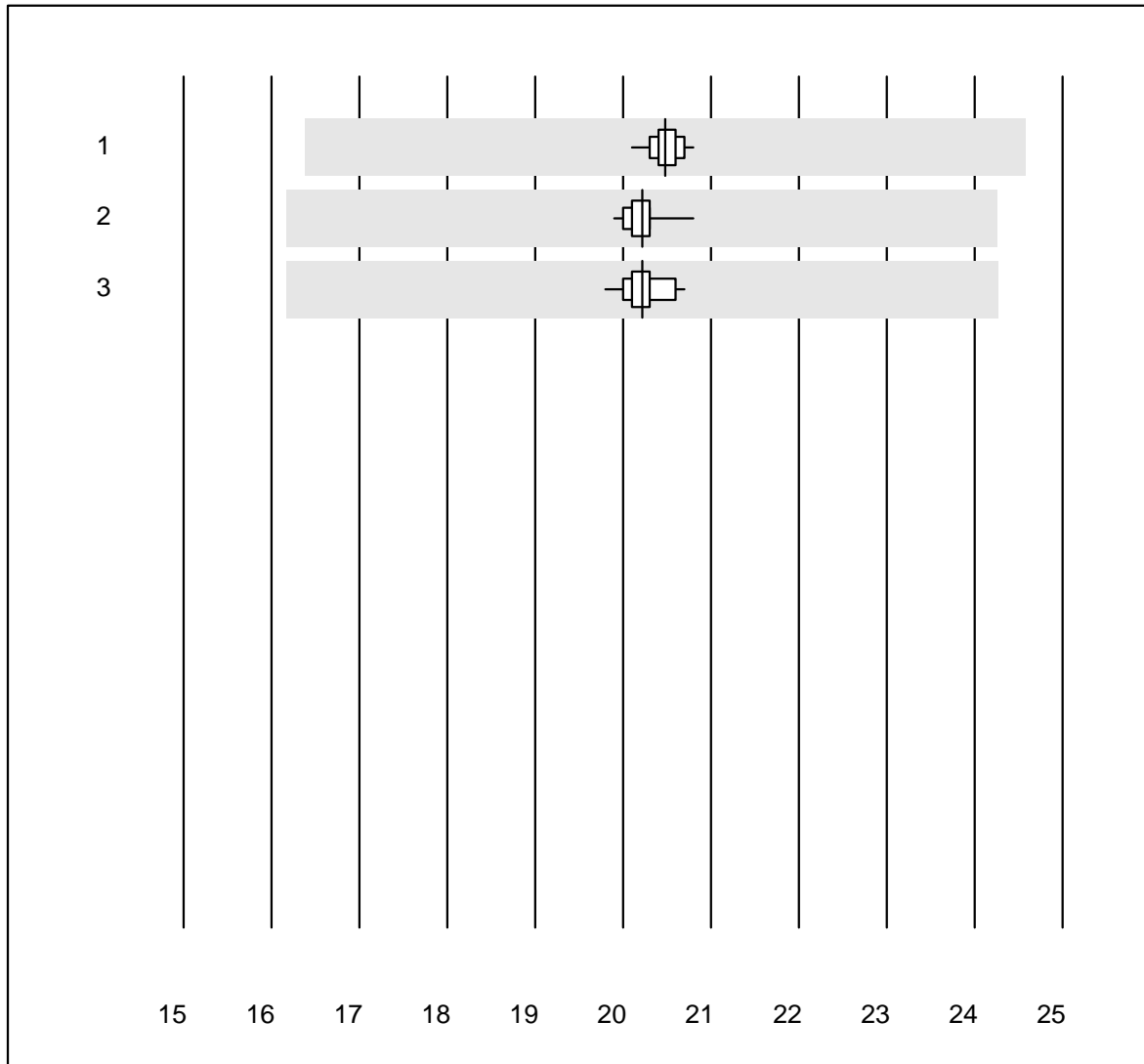
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	iStat	9	100.0	0.0	0.0	98.000	0.4	e
2	ABL700/800	50	100.0	0.0	0.0	70.165	0.1	e
3	ABL90 FLEX / PLUS	49	100.0	0.0	0.0	70.098	0.1	e
4	ABL80 FLEX CO-OX / O	11	100.0	0.0	0.0	70.127	0.2	e

FO2Hb OR



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	47	100.0	0.0	0.0	48.772	0.2	e
2	ABL90 FLEX / PLUS	52	98.1	0.0	1.9	48.900	0.2	e
3	ABL80 FLEX CO-OX / O	14	100.0	0.0	0.0	48.943	0.2	e

FCOHb OR

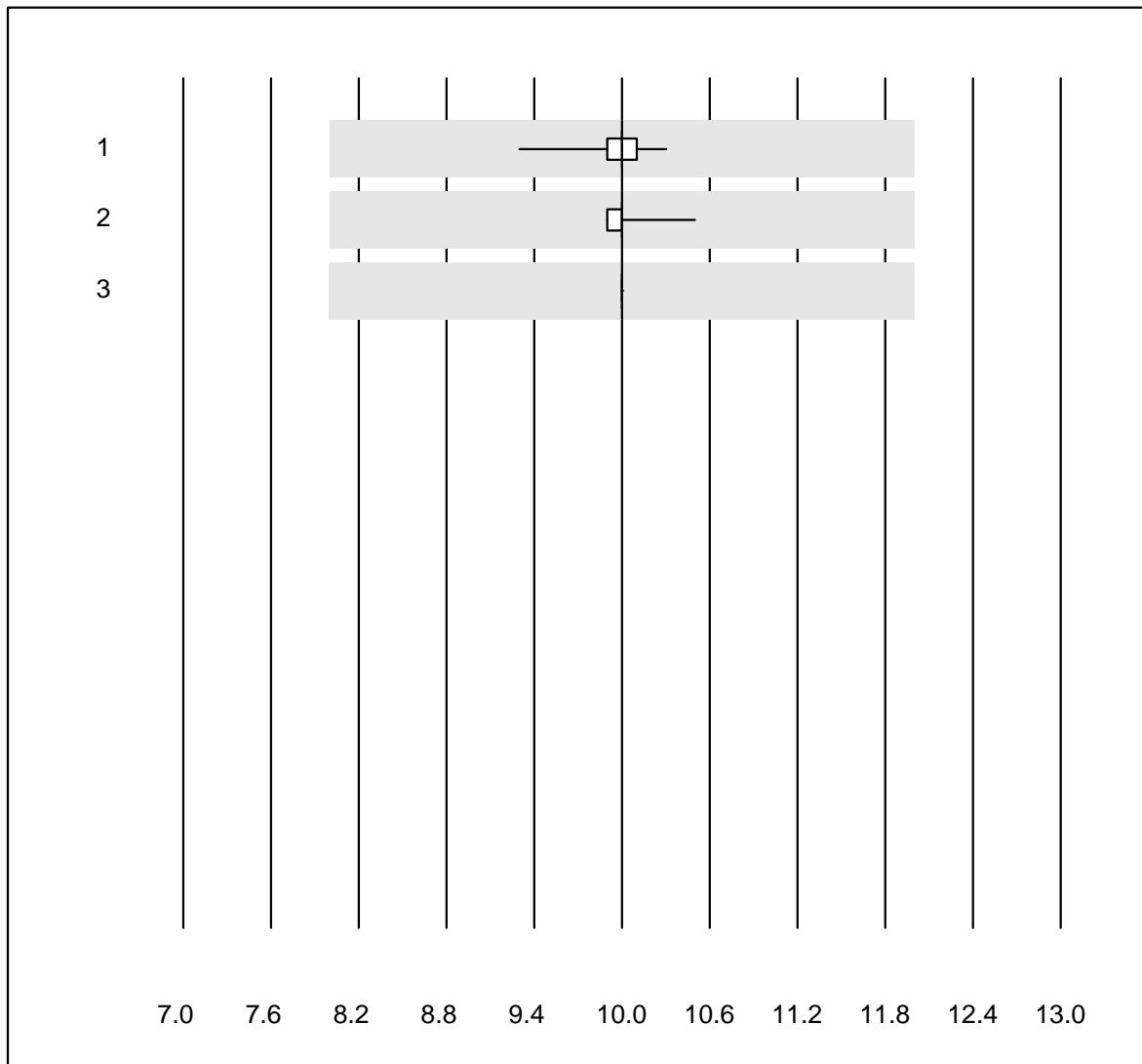


MQ tolerance : 20 %

FCOHb OR (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	49	100.0	0.0	0.0	20.476	0.7	e
2	ABL90 FLEX / PLUS	51	98.0	0.0	2.0	20.220	0.8	e
3	ABL80 FLEX CO-OX / O	14	100.0	0.0	0.0	20.221	1.2	e

FMetHb OR

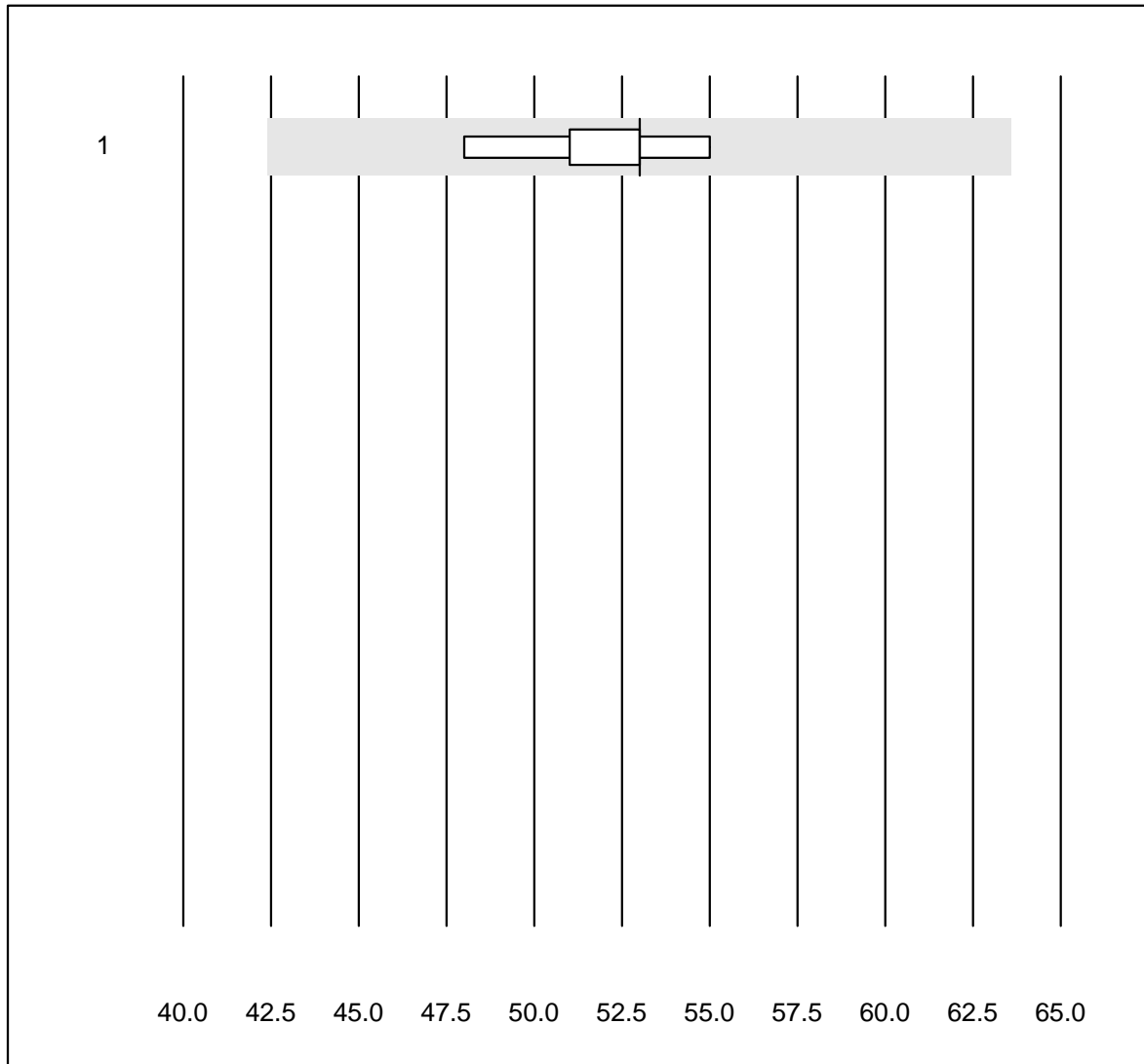


MQ tolerance : 20 %

FMetHb OR (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	54	100.0	0.0	0.0	10.002	1.3	e
2	ABL90 FLEX / PLUS	48	97.9	0.0	2.1	10.002	0.8	e
3	ABL80 FLEX CO-OX / O	14	100.0	0.0	0.0	10.000	0.0	e

FHbF OR

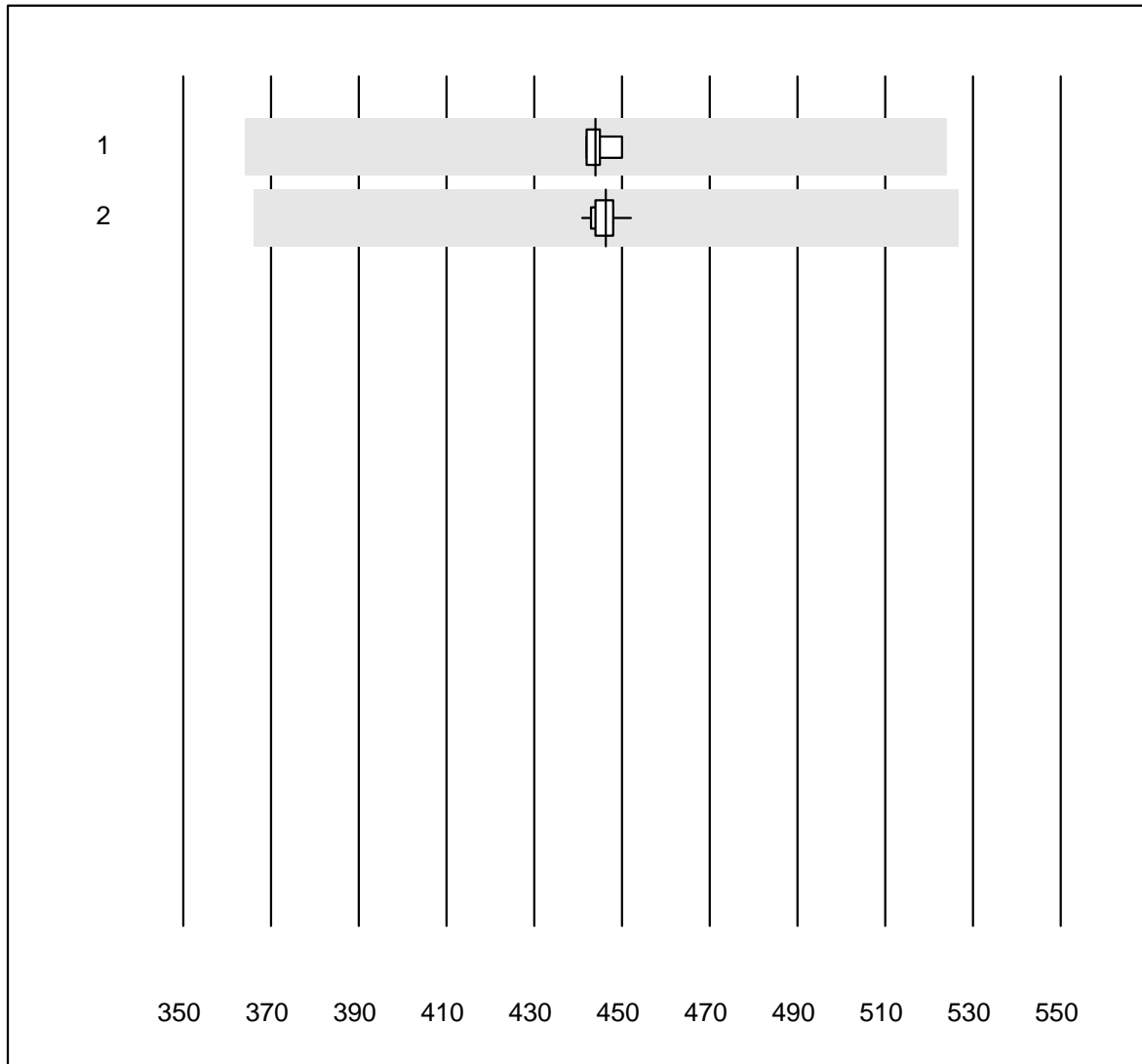


MQ tolerance : 20 %

FHbF OR (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ABL90 FLEX / PLUS	9	100.0	0.0	0.0	53.000	3.9	e

Bilirubin OR

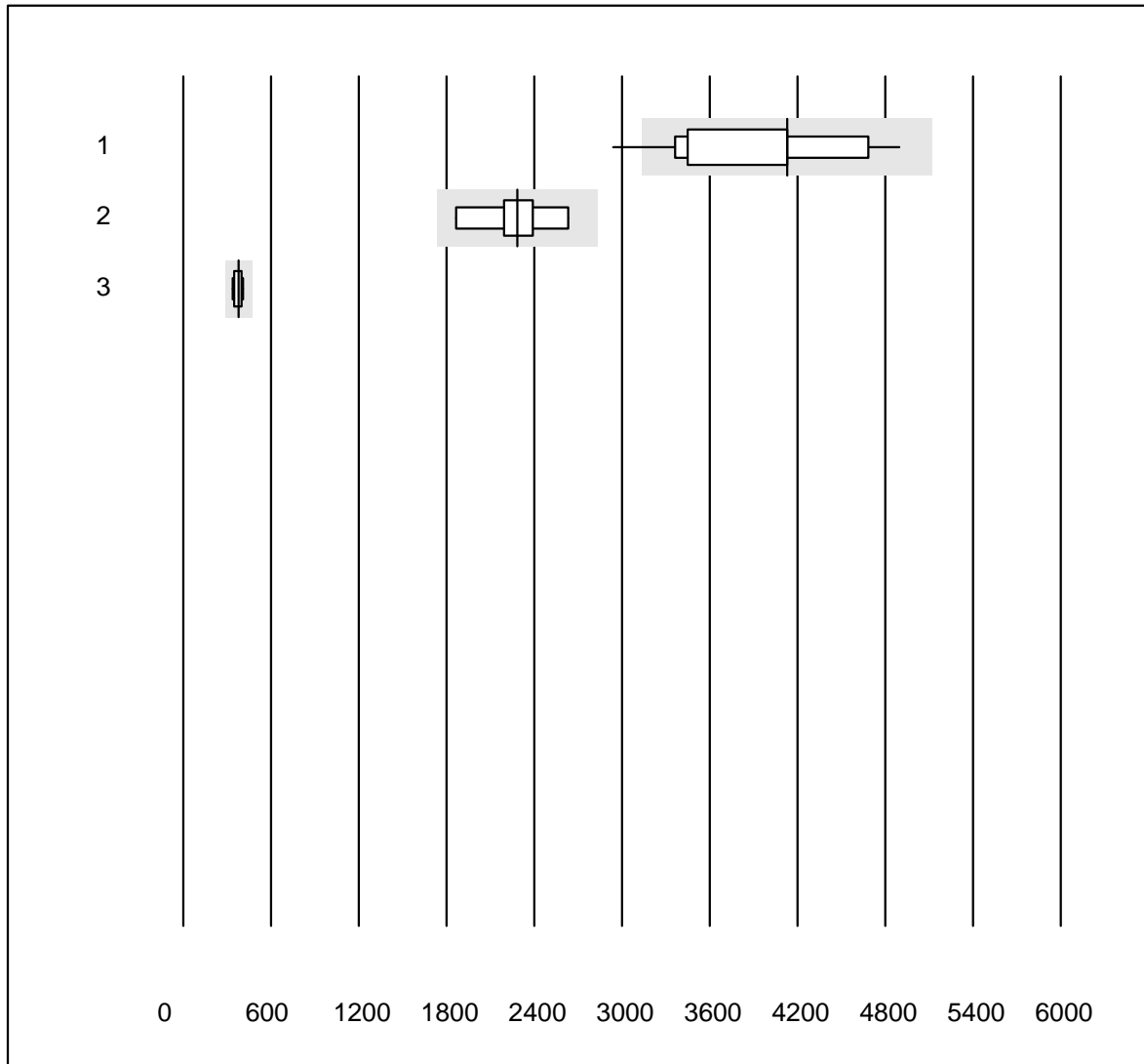


QUALAB tolerance : 18 %

Bilirubin OR (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	4	100.0	0.0	0.0	444.0	0.8	e
2	ABL90 FLEX / PLUS	15	100.0	0.0	0.0	446.3	0.6	e

Troponin I

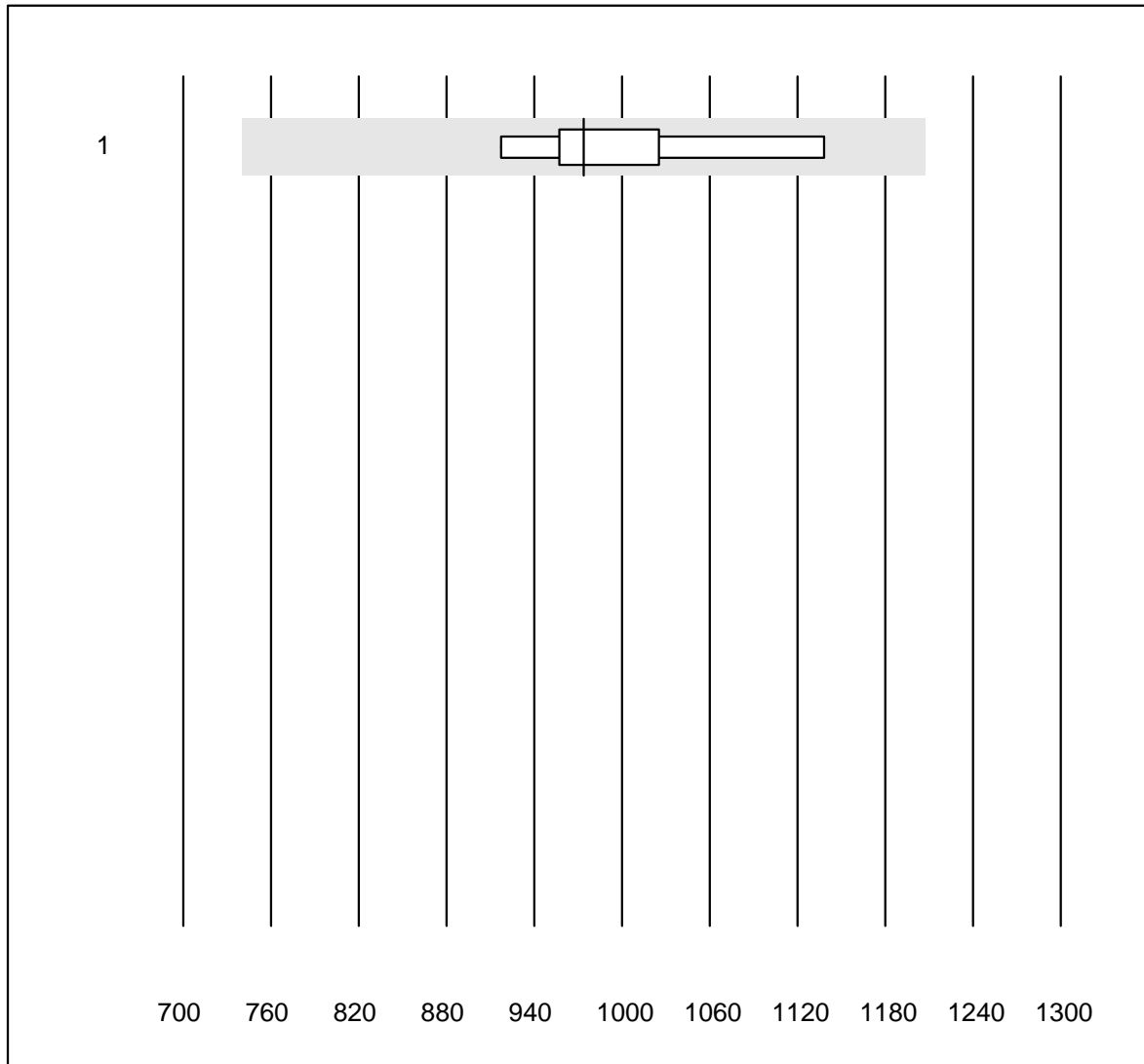


QUALAB tolerance : 24 %

Troponin I (ng/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Vidas	15	93.3	6.7	0.0	4127.5	14.1	a
2	Architect High Sensi	9	100.0	0.0	0.0	2282.2	9.4	e*
3	AQT 90 FLEX	5	100.0	0.0	0.0	380.0	8.1	e*

Troponin T

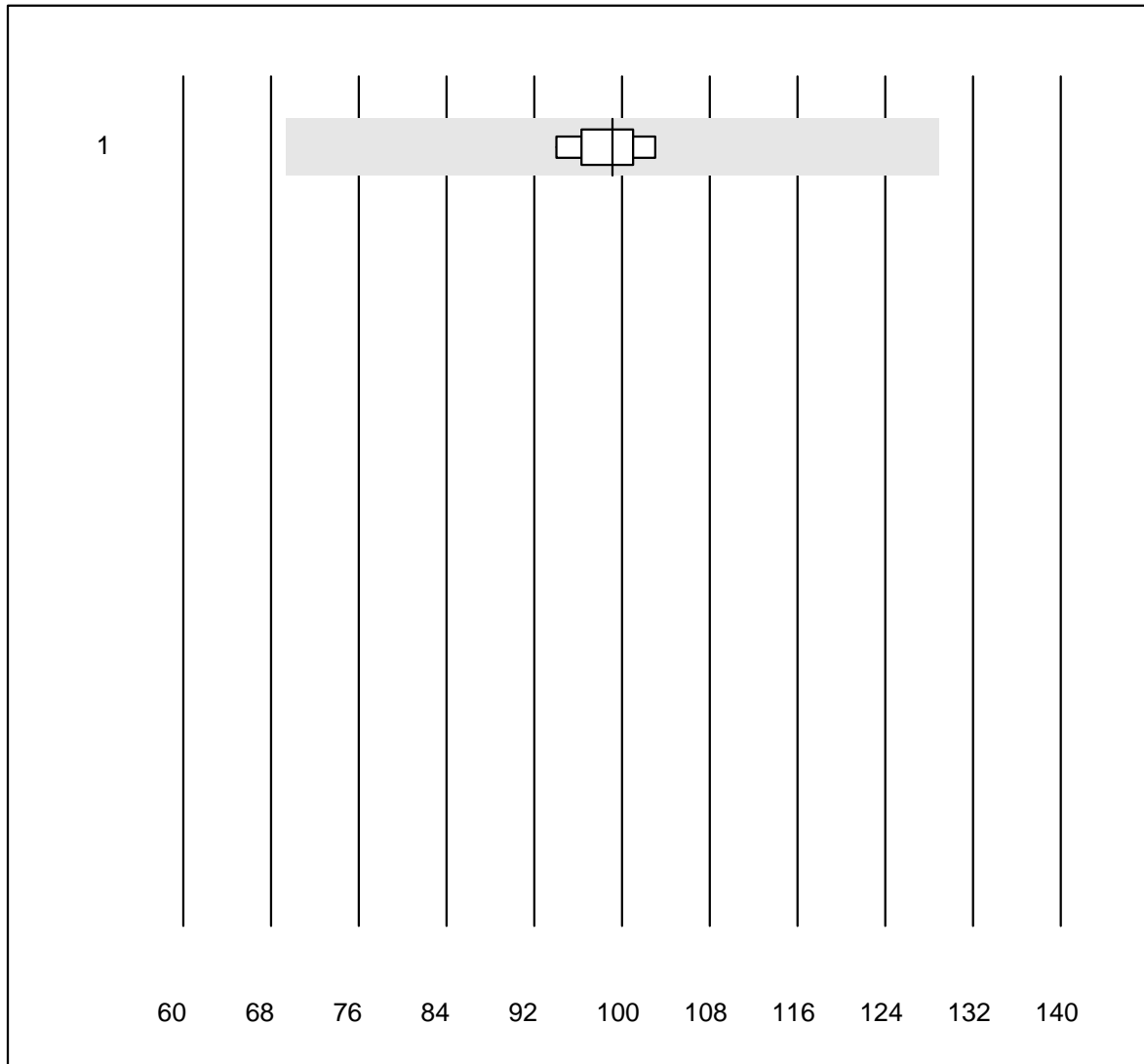


QUALAB tolerance : 24 %

Troponin T (ng/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Cobas hs STAT	9	100.0	0.0	0.0	974.00	6.9	e

Myoglobin

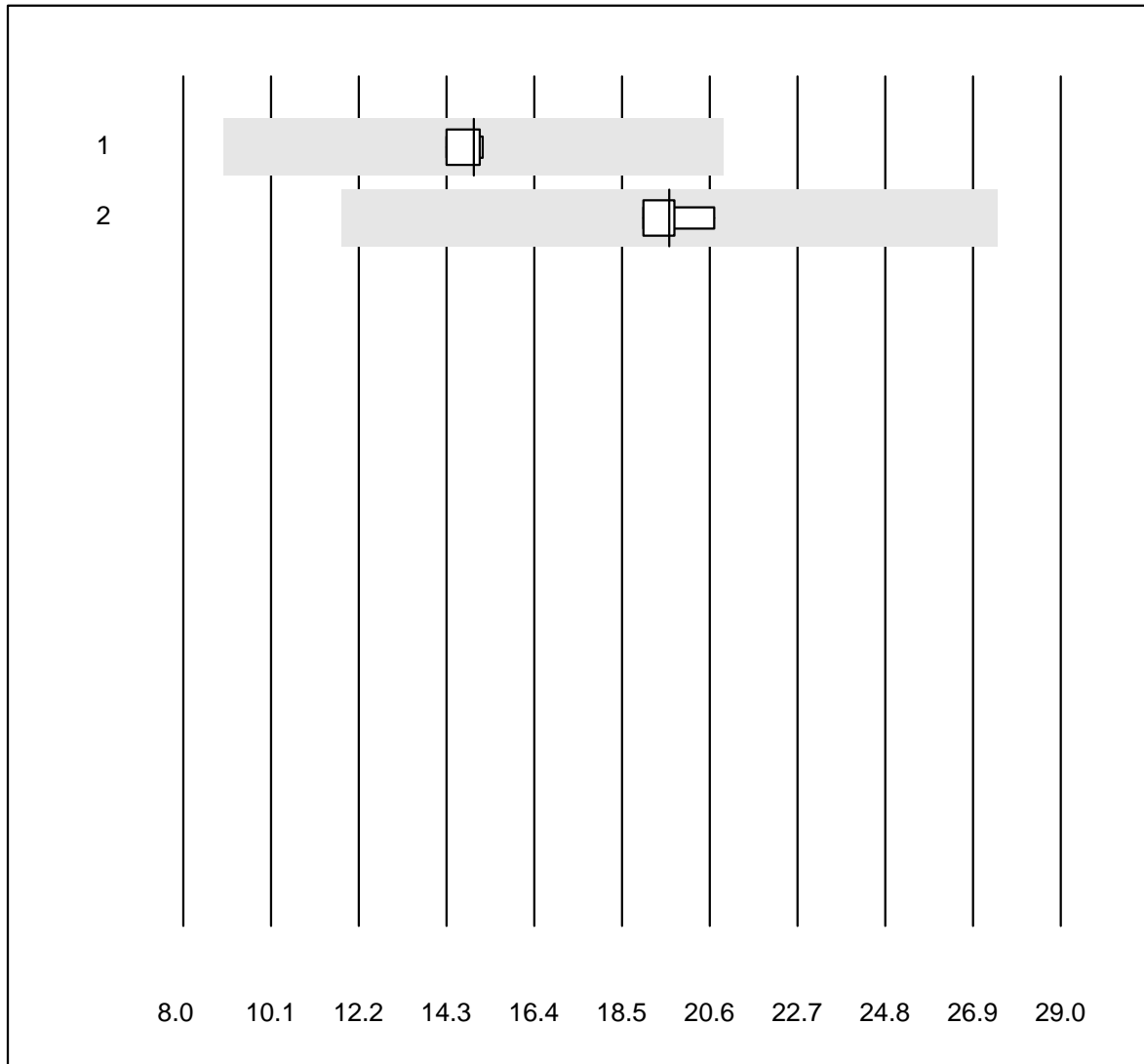


QUALAB tolerance : 30 %

Myoglobin (µg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Cobas E / Elecsys	5	100.0	0.0	0.0	99.1	3.7	e

CK-MB mass

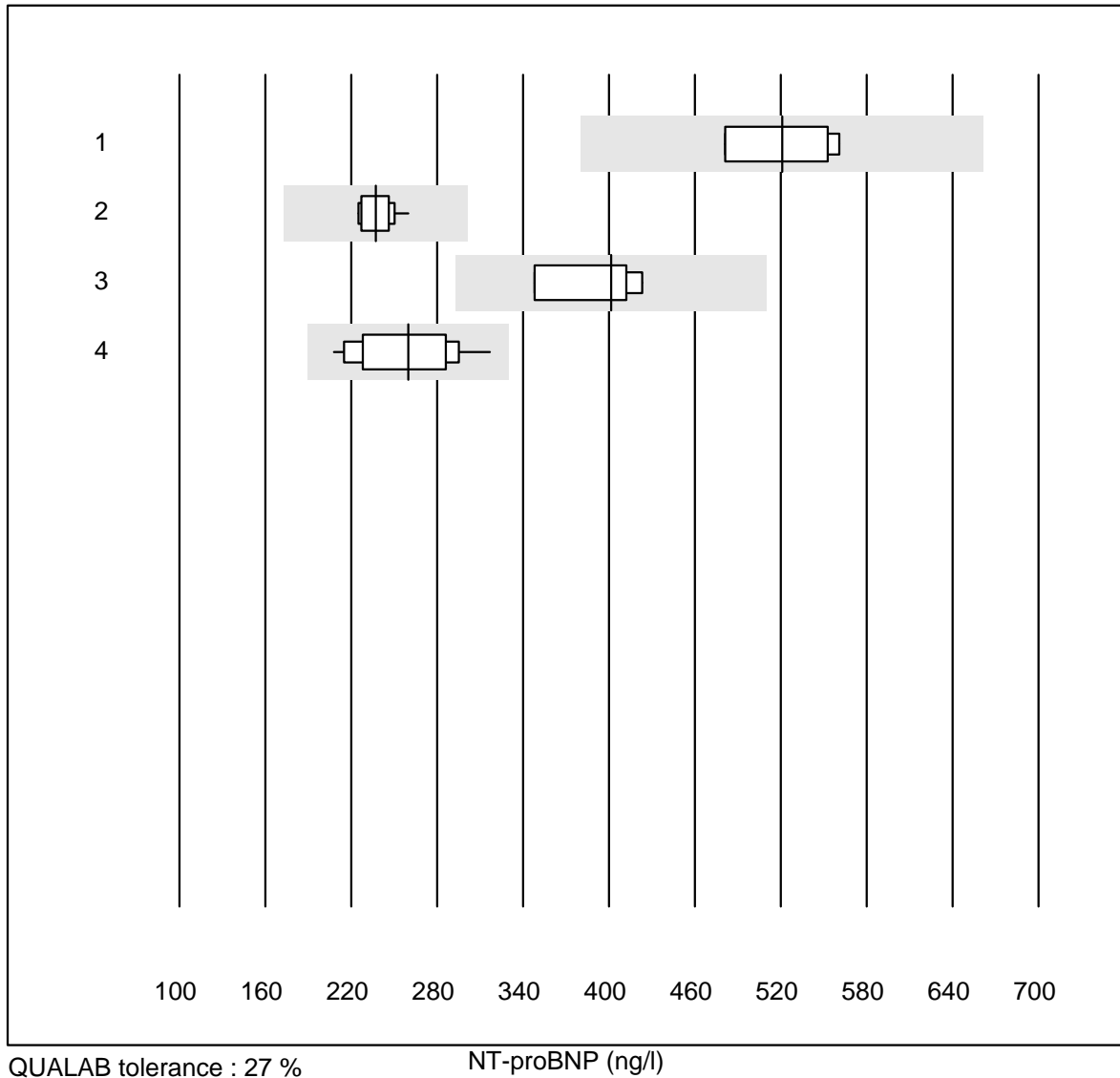


MQ tolerance : 40 %

CK-MB mass (µg/l)

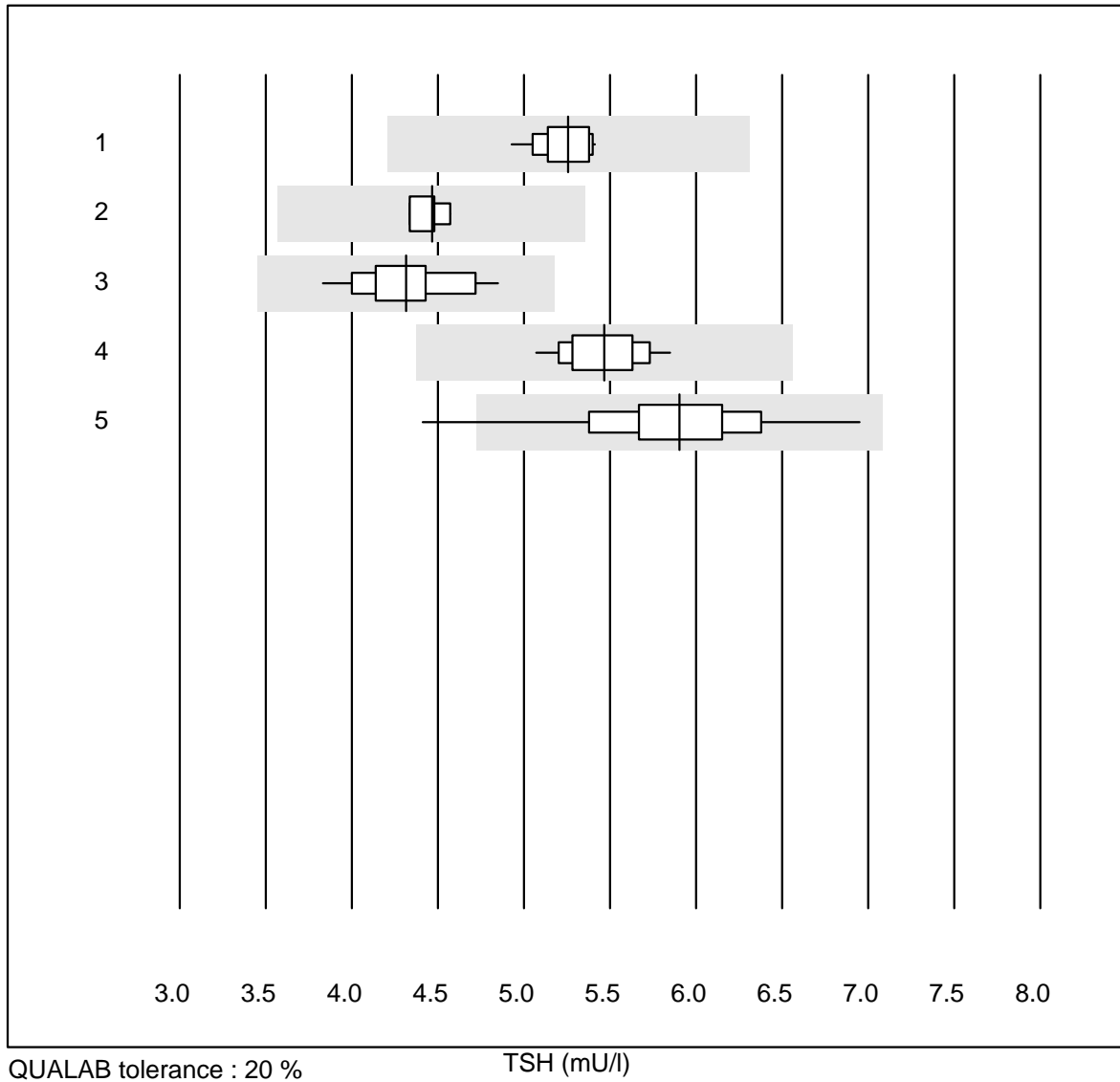
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	15.0	2.7	e
2	VIDAS	4	100.0	0.0	0.0	19.6	3.6	e

NT-proBNP



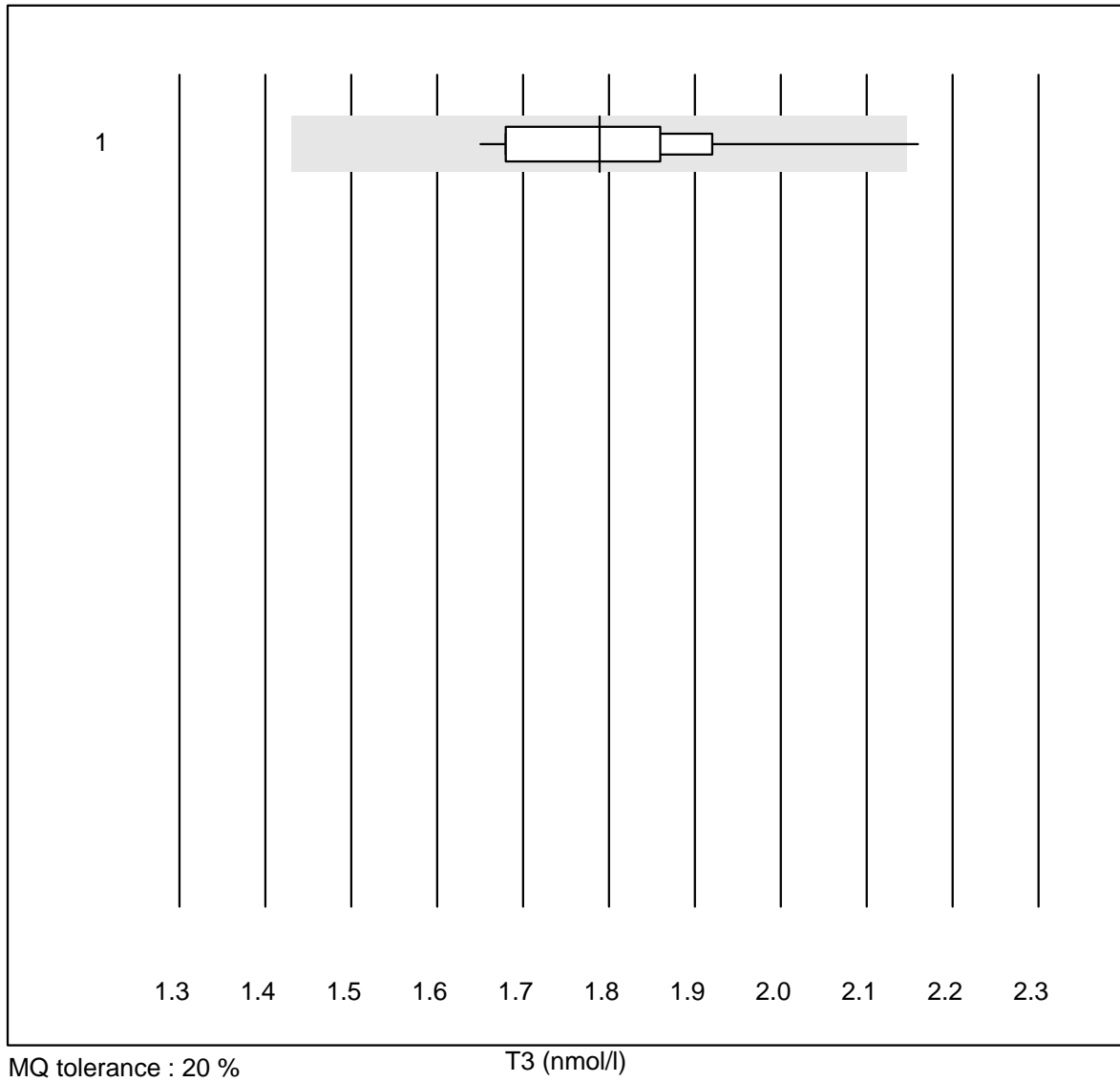
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AQT 90 FLEX	4	100.0	0.0	0.0	521.0	8.0	e*
2	VIDAS	10	100.0	0.0	0.0	237.3	4.9	e
3	Other methods	4	100.0	0.0	0.0	401.5	8.4	e*
4	Cobas E / Elecsys	12	100.0	0.0	0.0	259.9	13.2	e*

TSH



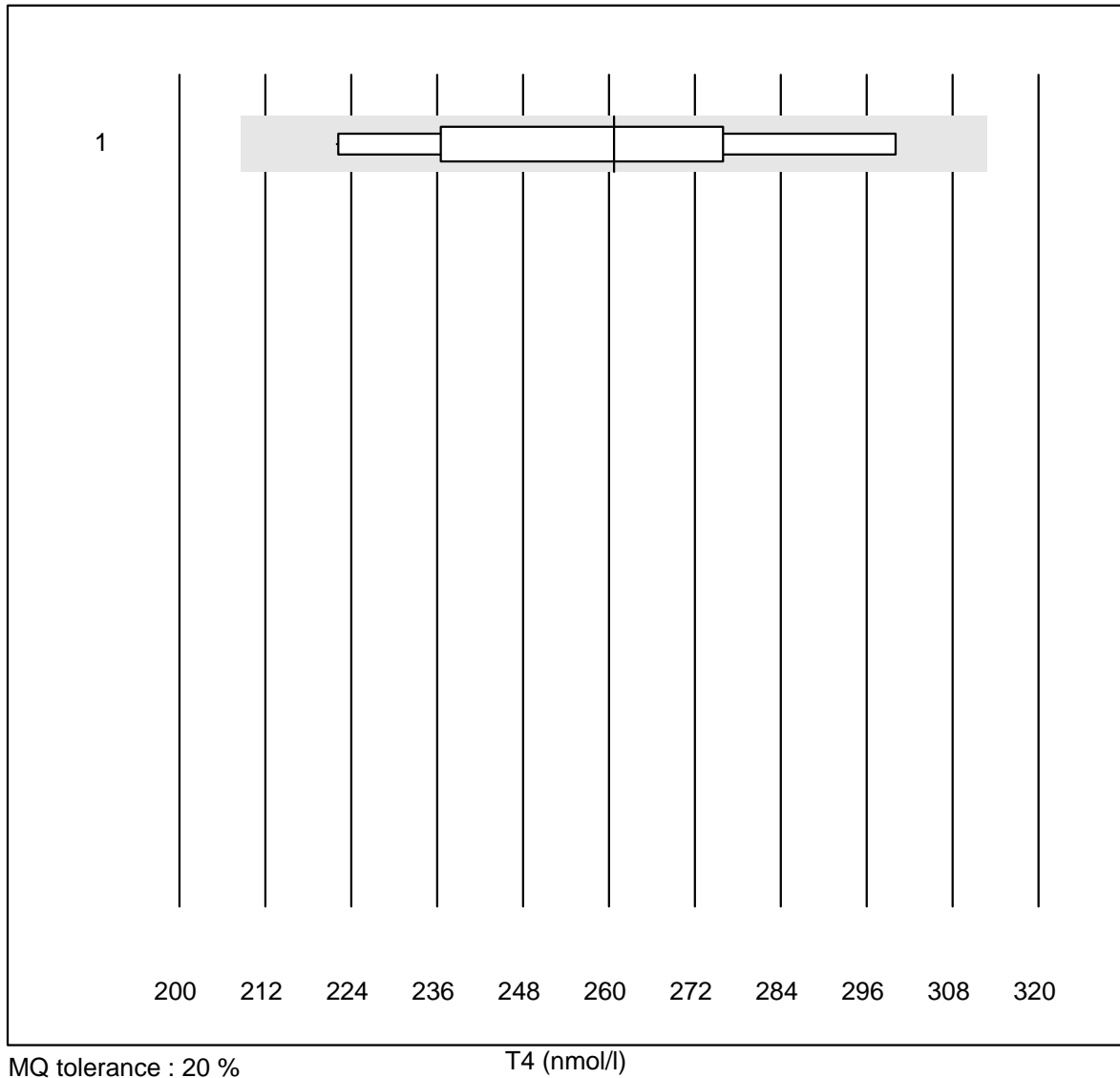
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	12	100.0	0.0	0.0	5.26	2.9	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	4.47	2.2	e
3	Architect	12	100.0	0.0	0.0	4.31	6.6	e
4	VIDAS	14	100.0	0.0	0.0	5.47	4.1	e
5	AFIAS	32	90.6	3.1	6.3	5.90	7.5	e

T3



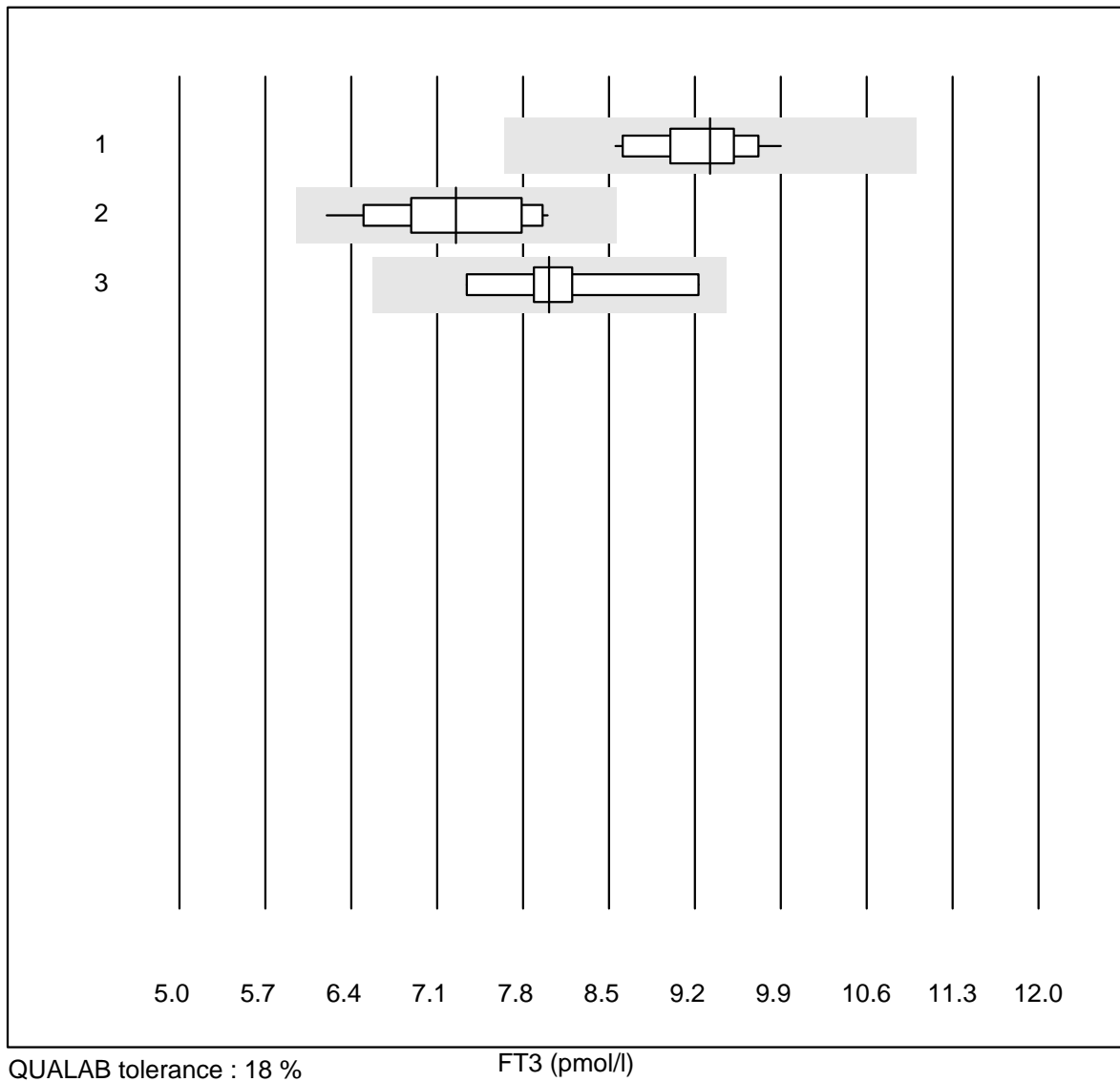
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AFIAS	11	90.9	9.1	0.0	1.8	8.4	e*

T4



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AFIAS	13	100.0	0.0	0.0	261	10.7	e*

FT3

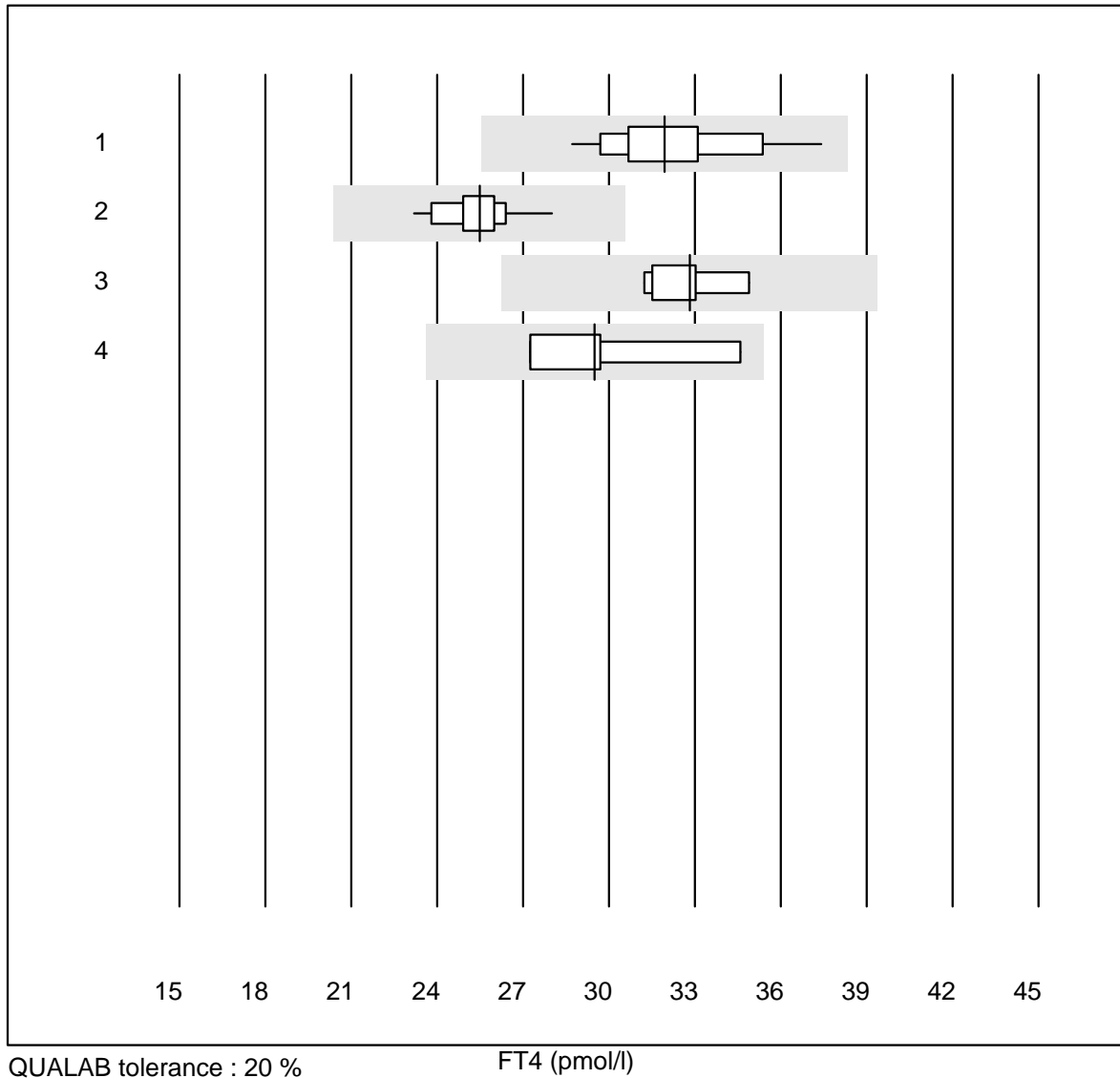


QUALAB tolerance : 18 %

FT3 (pmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	12	100.0	0.0	0.0	9.3	4.4	e
2	Architect	11	100.0	0.0	0.0	7.3	8.1	e*
3	VIDAS	7	100.0	0.0	0.0	8.0	7.0	e*

FT4

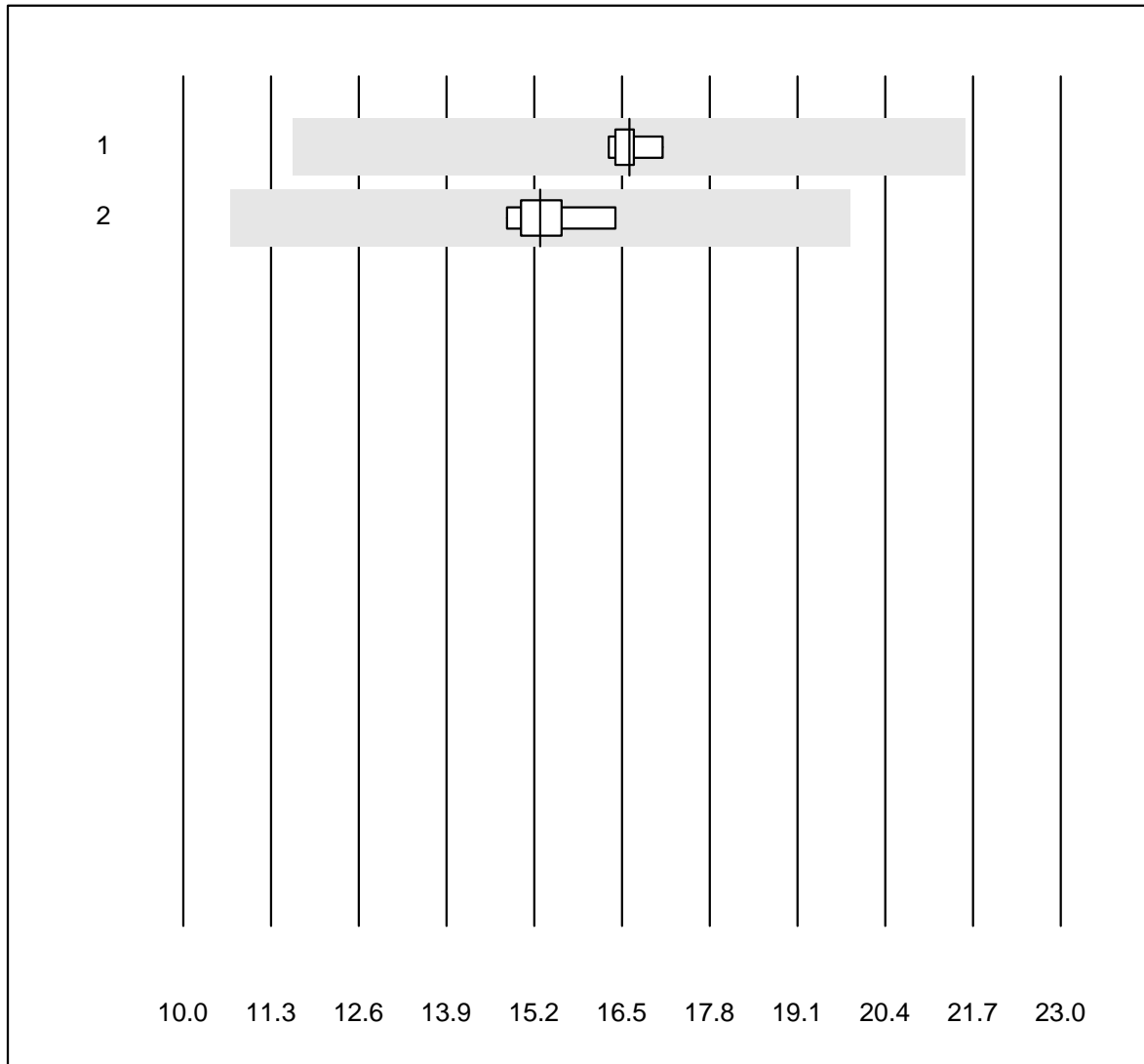


QUALAB tolerance : 20 %

FT4 (pmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	13	100.0	0.0	0.0	31.9	7.4	e
2	Architect	12	100.0	0.0	0.0	25.5	4.8	e
3	VIDAS	7	100.0	0.0	0.0	32.8	3.8	e
4	Other methods	4	100.0	0.0	0.0	29.5	10.3	e*

Testosterone

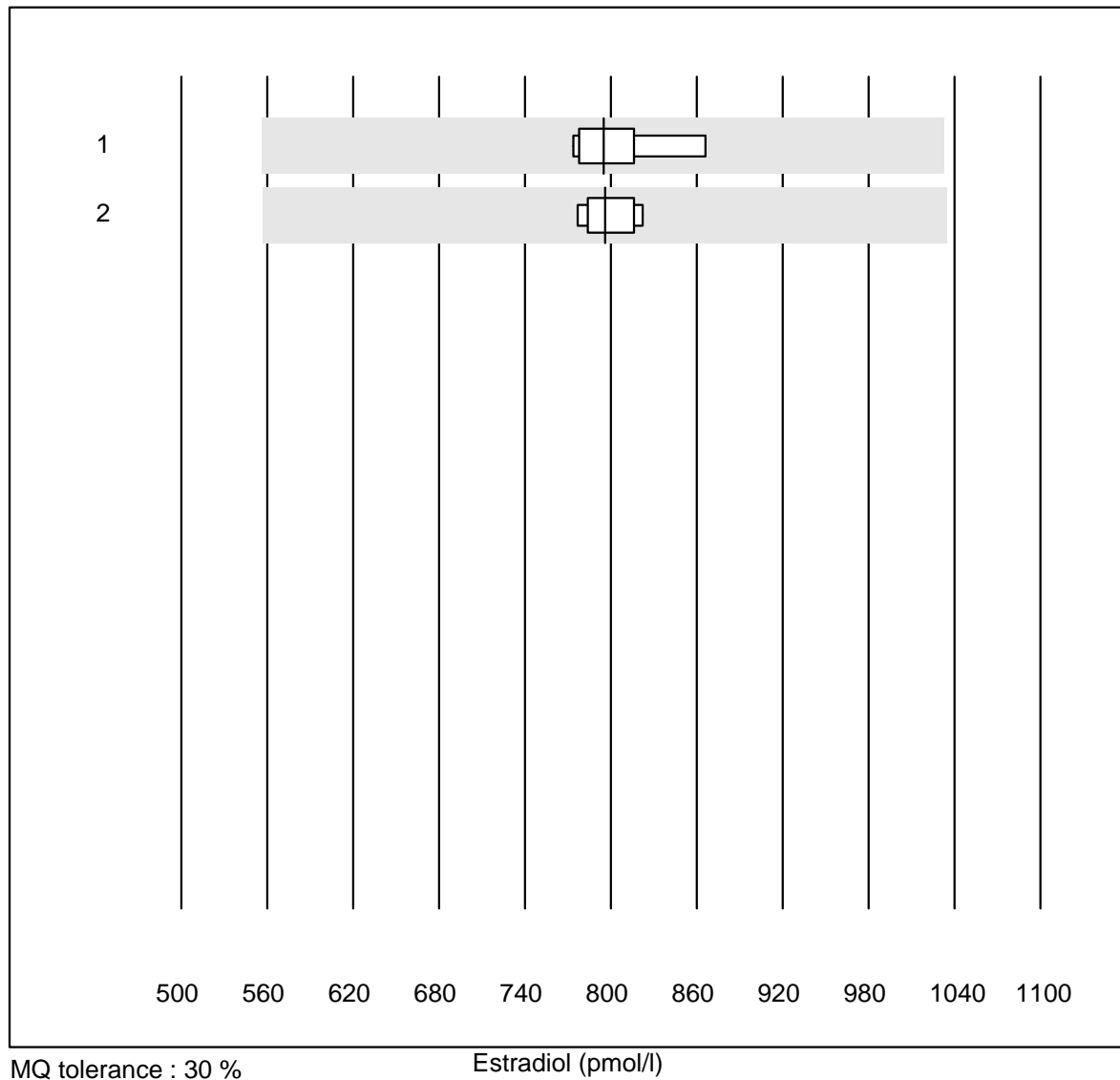


QUALAB tolerance : 30 %

Testosterone (nmol/l)

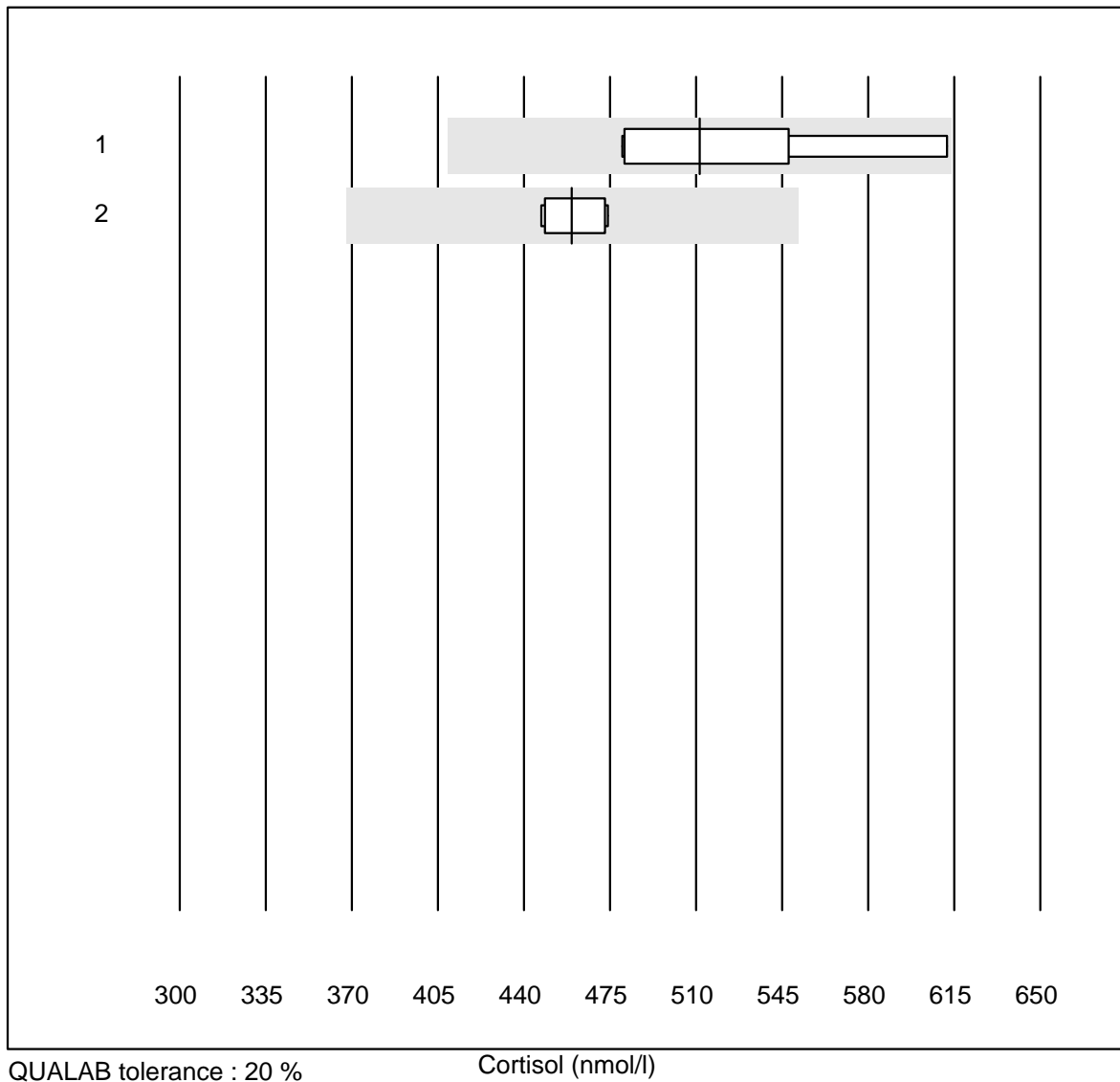
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	5	100.0	0.0	0.0	17	1.9	e
2	Architect	5	100.0	0.0	0.0	15	4.1	e

Estradiol



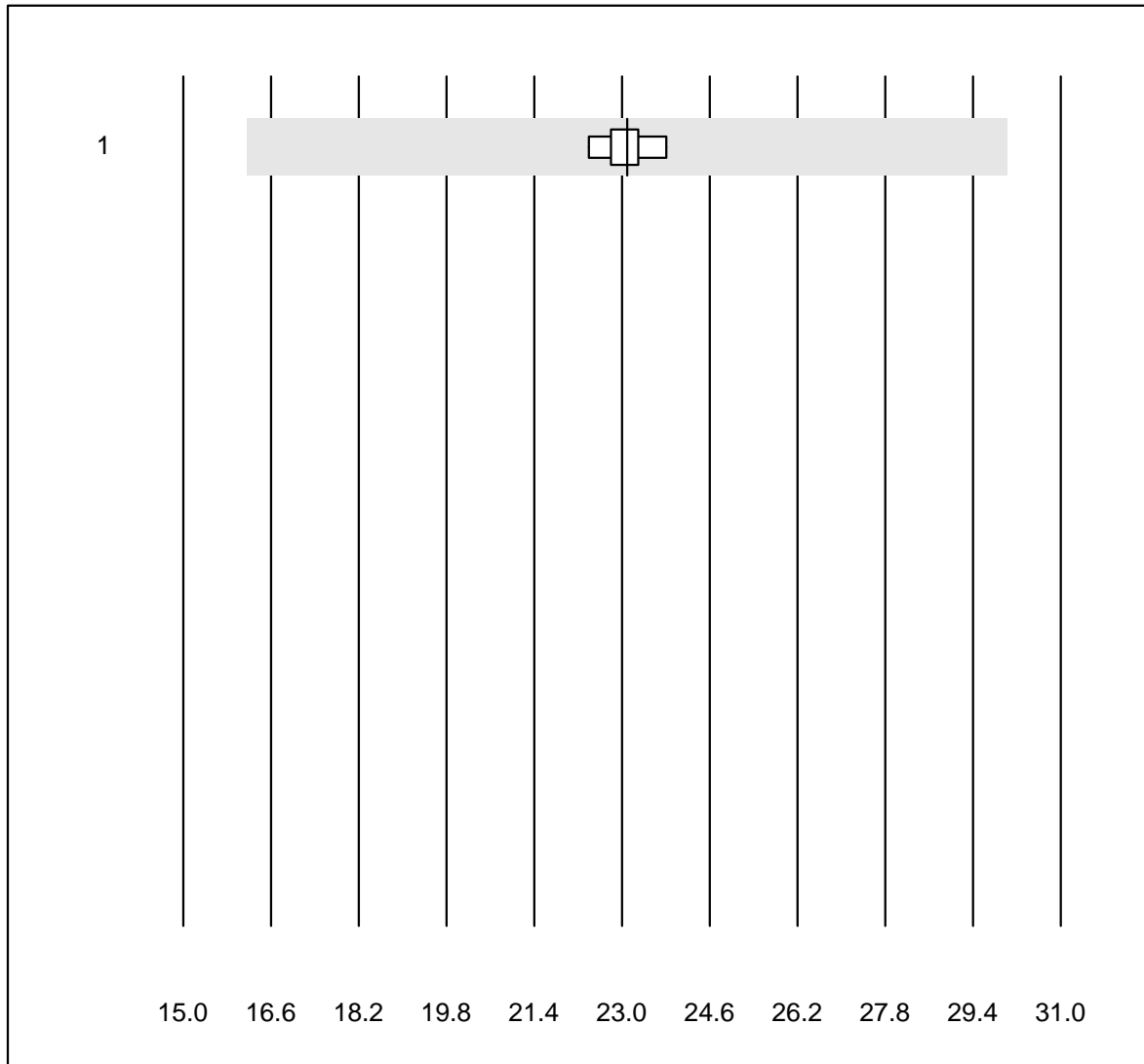
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	6	100.0	0.0	0.0	795	4.4	e
2	Architect	6	100.0	0.0	0.0	796	2.2	e

Cortisol



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	8	100.0	0.0	0.0	512	8.7	e*
2	Architect	6	100.0	0.0	0.0	460	2.9	e

Progesteron

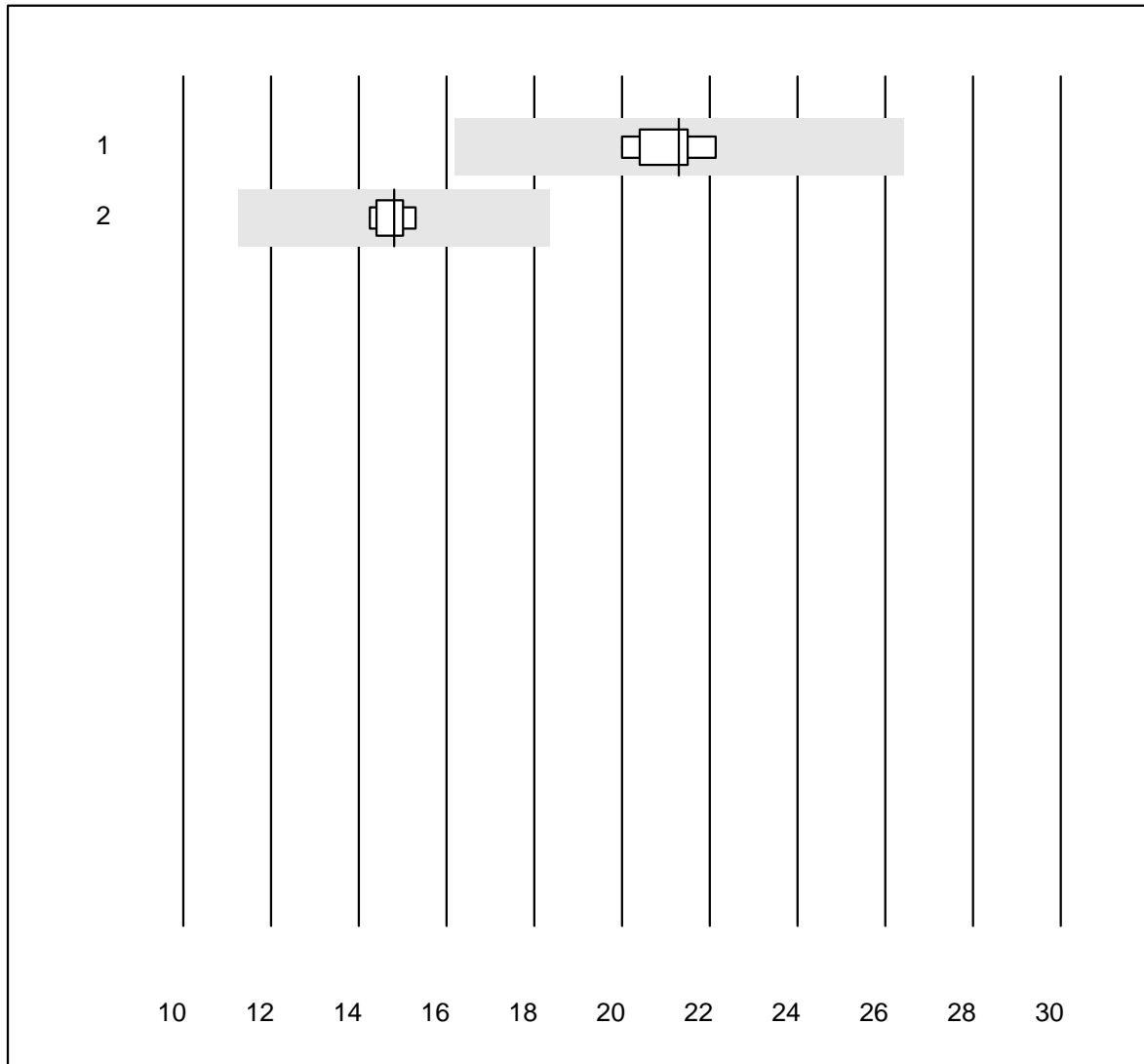


MQ tolerance : 30 %

Progesteron (nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Architect	5	100.0	0.0	0.0	23.1	2.3	e

Luteinizing hormone

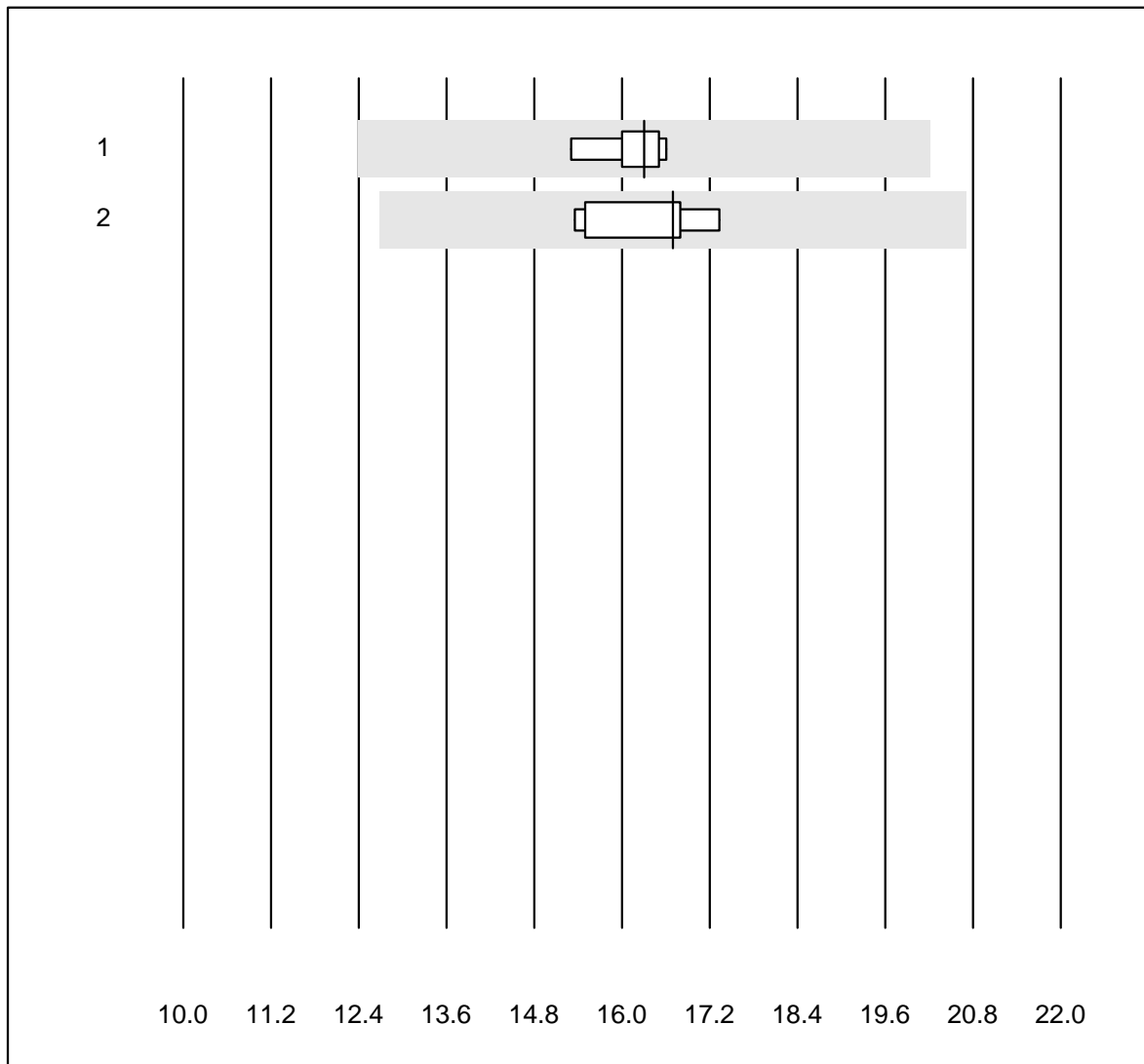


QUALAB tolerance : 24 %

Luteinizing hormone (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Roche, Cobas	5	100.0	0.0	0.0	21.3	4.1	e
2	Architect	7	100.0	0.0	0.0	14.8	2.4	e

Follicle-stimulating hormone

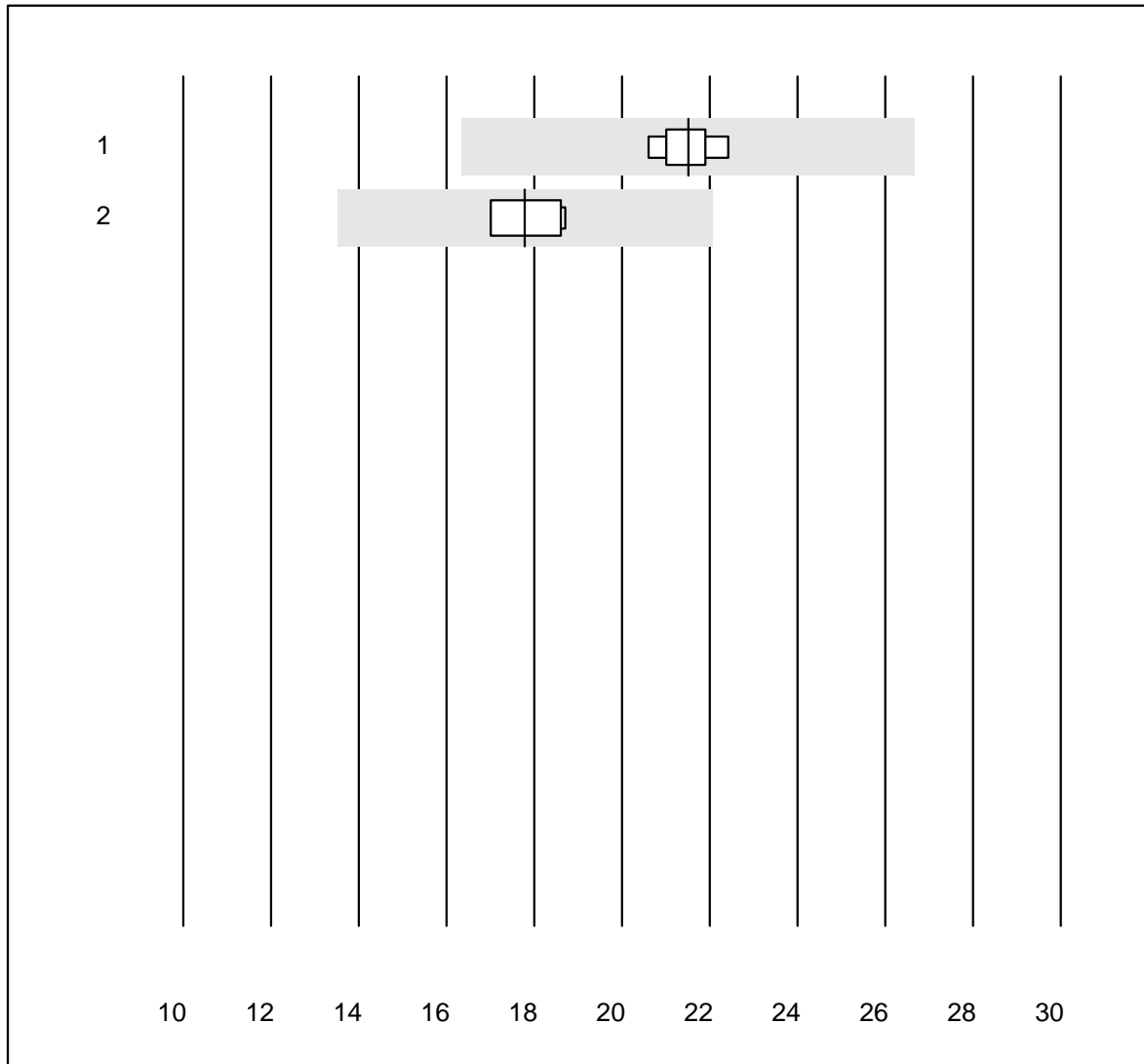


QUALAB tolerance : 24 %

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	16.3	3.2	e
2	Architect	7	100.0	0.0	0.0	16.7	4.9	e

Prolactine

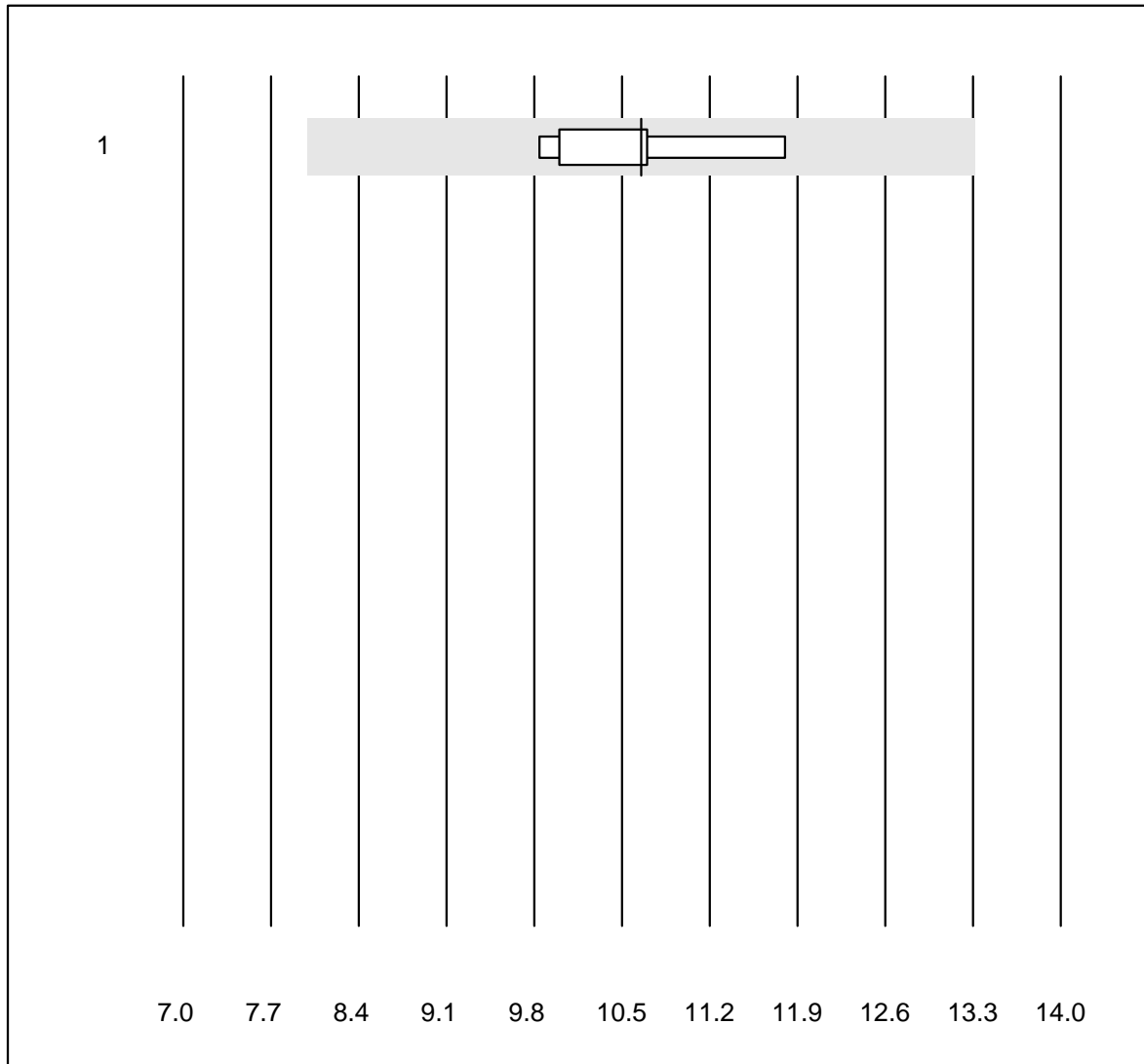


QUALAB tolerance : 24 %

Prolactine (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas/Roche	5	100.0	0.0	0.0	21.5	3.3	e
2	Architect	6	100.0	0.0	0.0	17.8	4.4	e

HGH

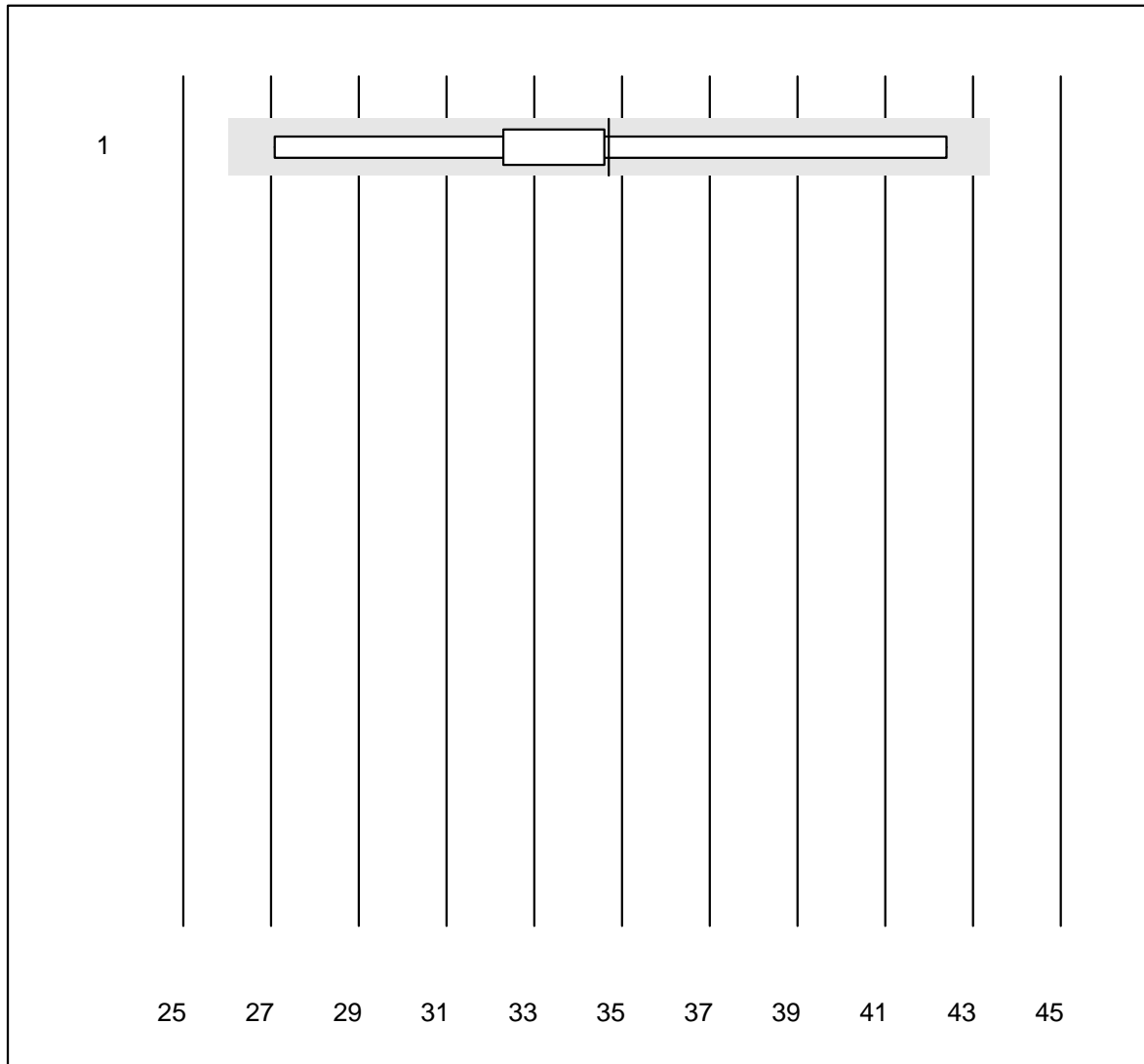


MQ tolerance : 25 %

HGH (µg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	6	100.0	0.0	0.0	10.65	6.6	e

Freies Testosteron

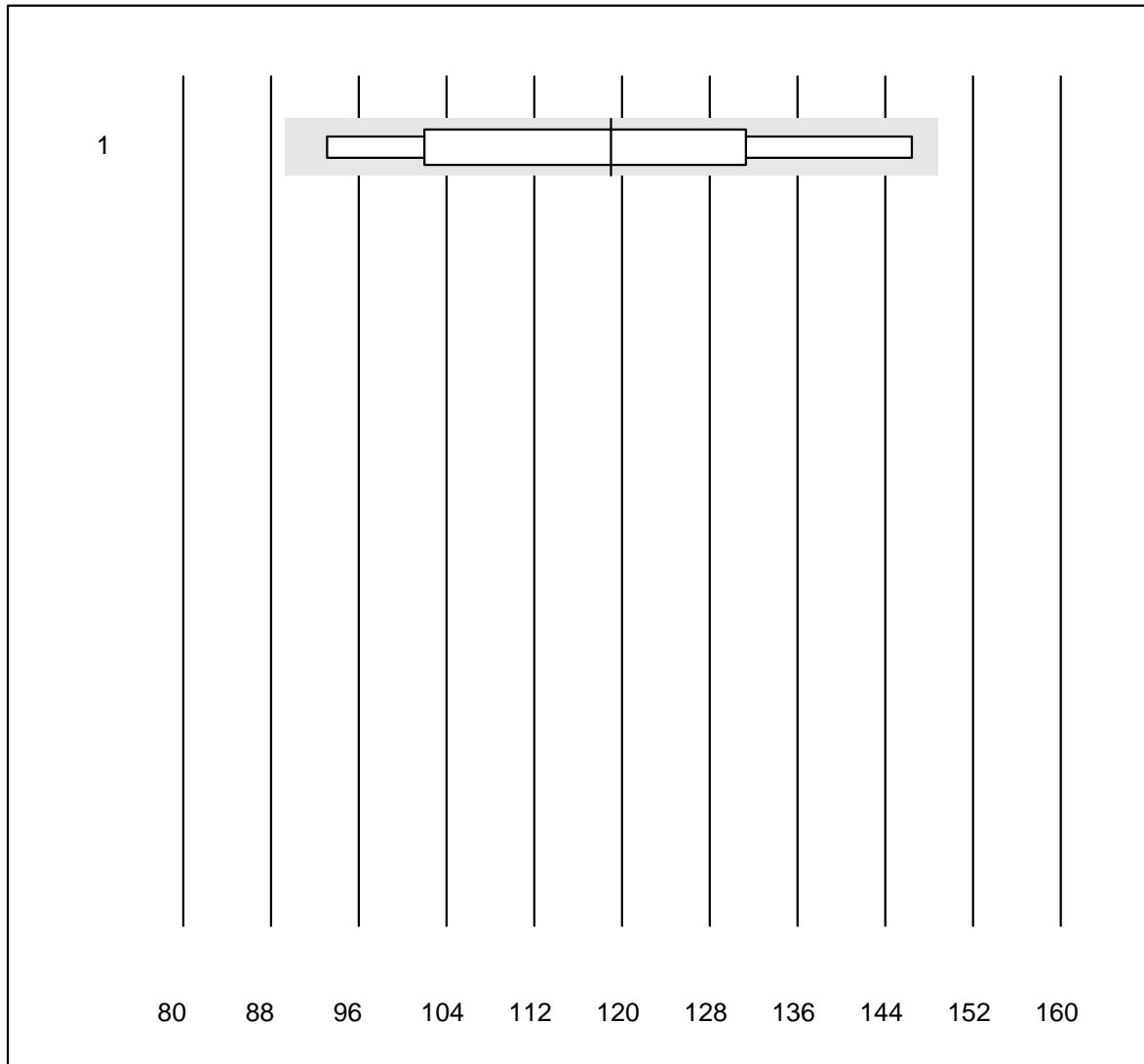


MQ tolerance : 25 %

Freies Testosteron (pmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	83.3	0.0	16.7	34.7	16.2	a

IGF-1

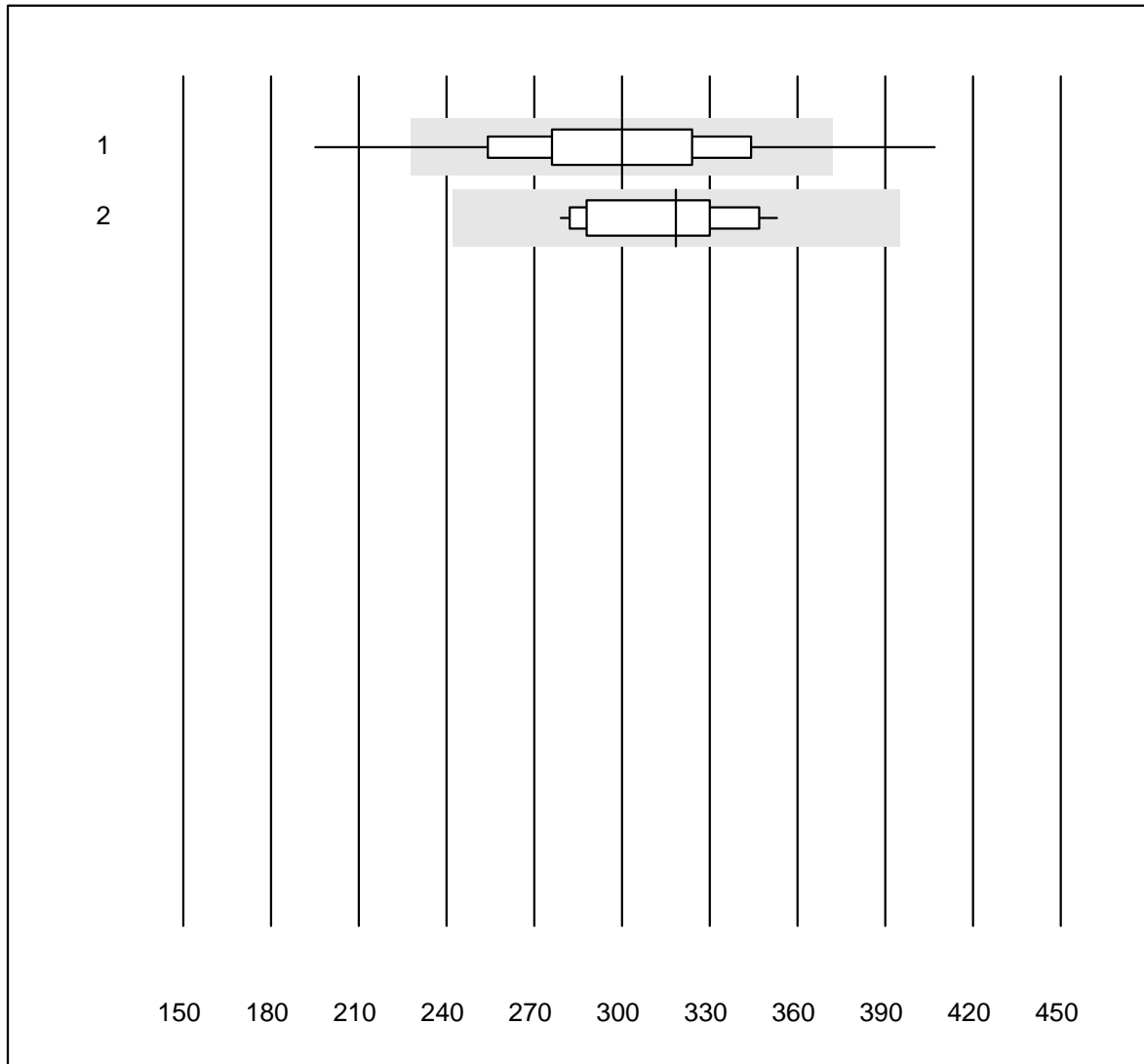


MQ tolerance : 25 %

IGF-1 (µg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Liaison	5	100.0	0.0	0.0	119	18.2	e*

Troponin T CR

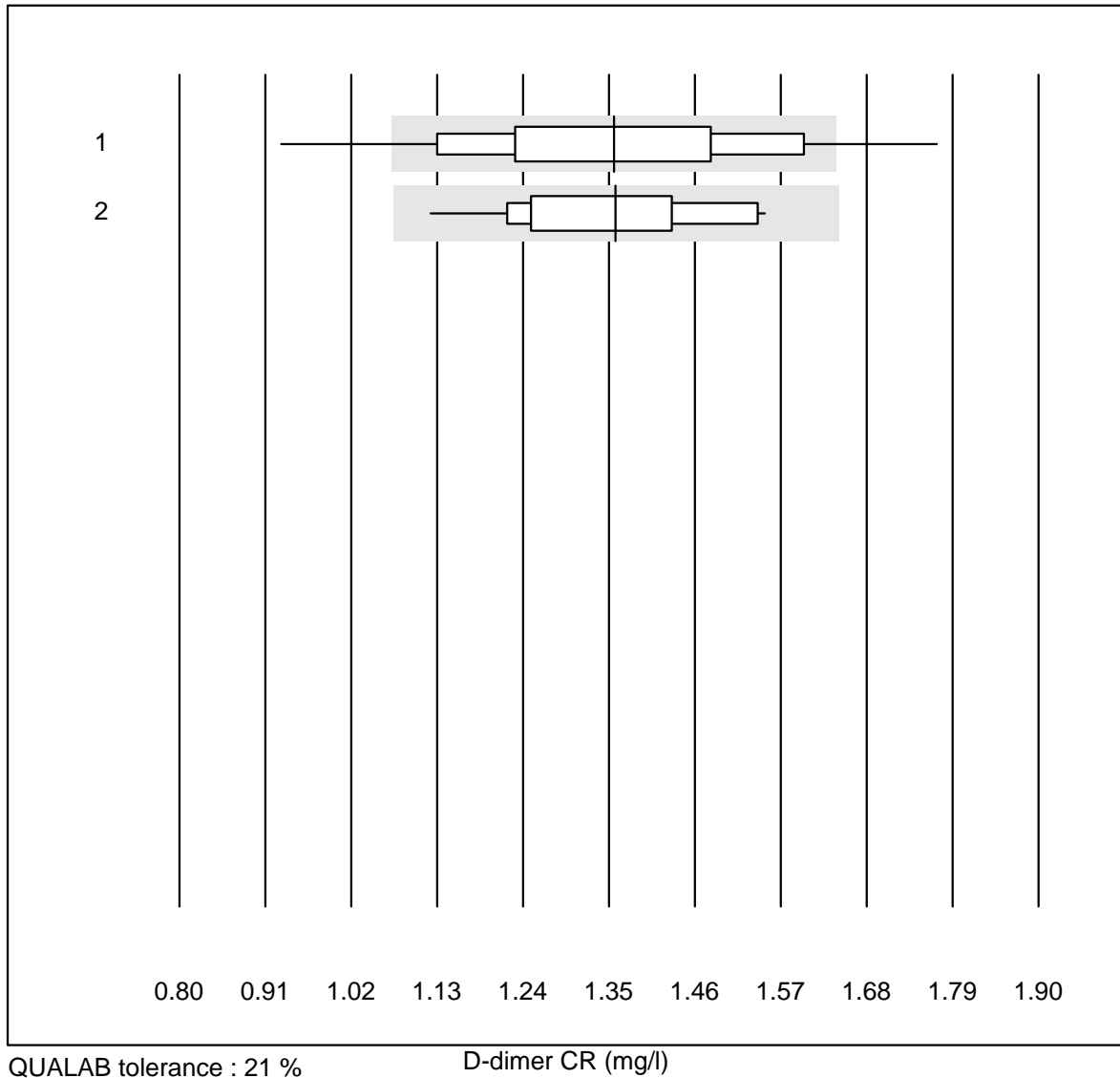


QUALAB tolerance : 24 %

Troponin T CR (ng/l)

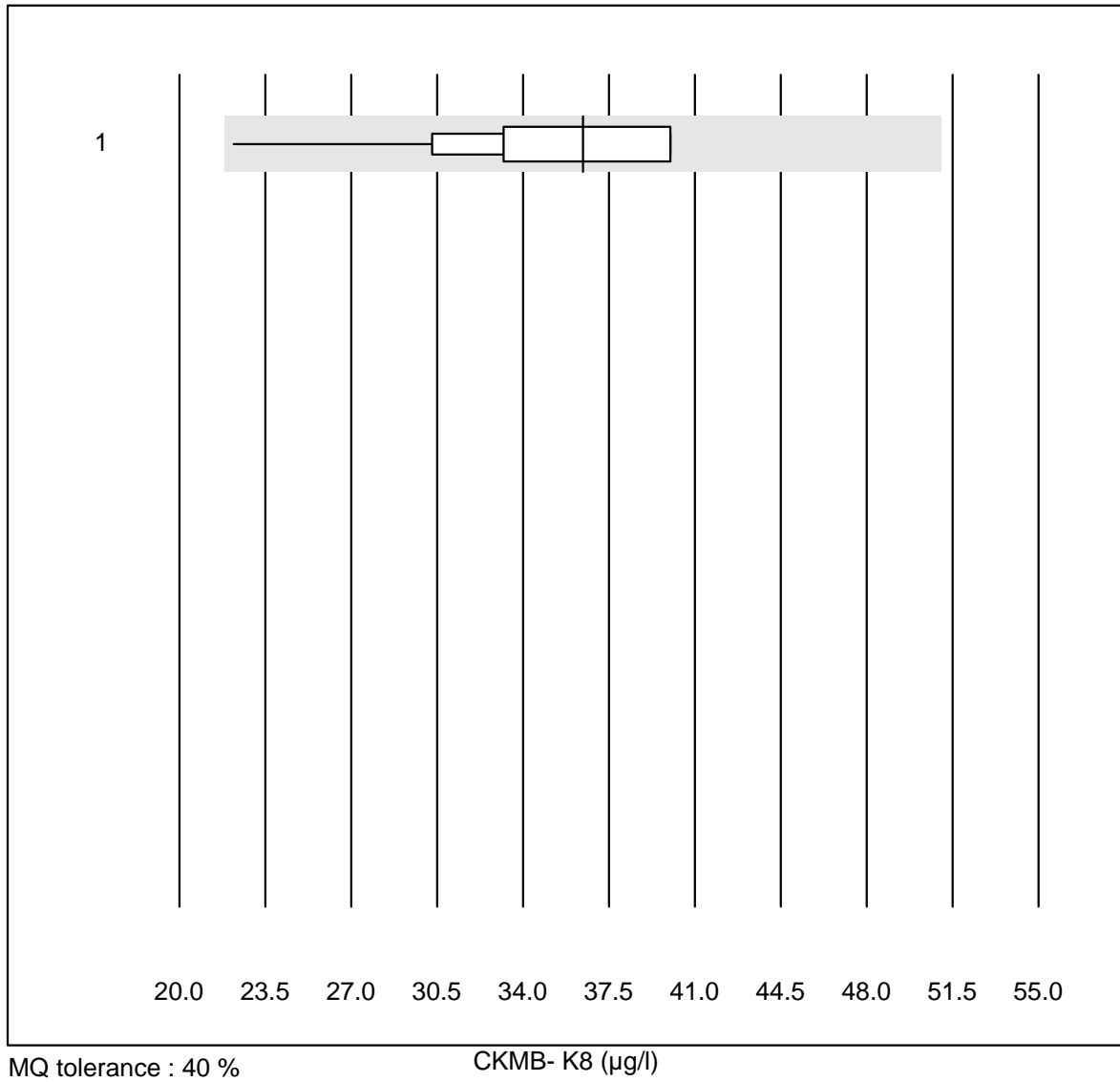
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	1116	93.7	4.7	1.6	300.00	11.8	e
2	Cardiac Reader	13	92.3	0.0	7.7	318.33	7.7	e

D-dimer CR



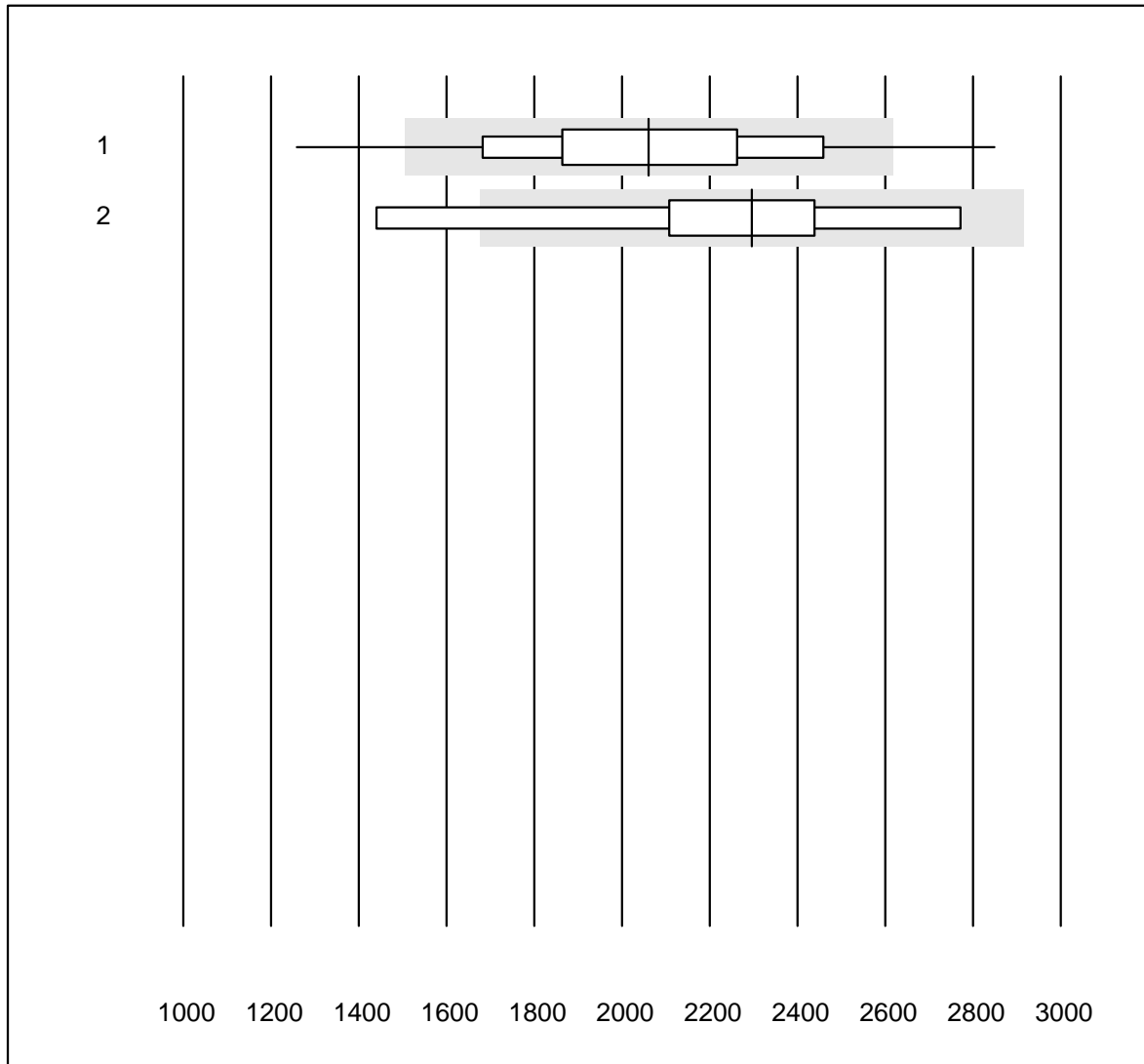
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	1118	87.5	9.2	3.3	1.36	12.6	e
2	Cardiac Reader	12	91.7	0.0	8.3	1.36	9.4	e*

CKMB- K8



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	12	100.0	0.0	0.0	36.4	15.1	e

NT-proBNP CR

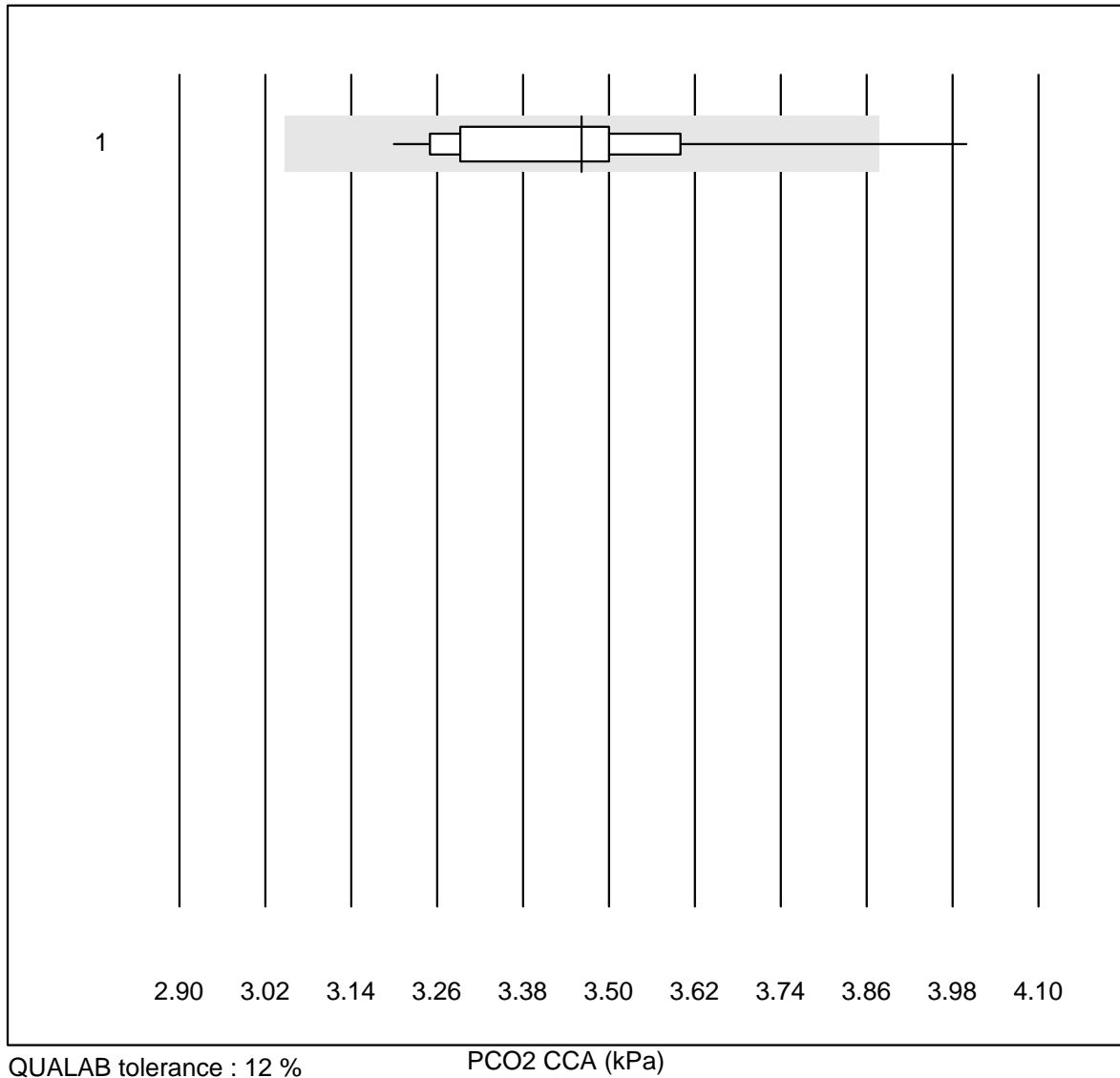


QUALAB tolerance : 27 %

NT-proBNP CR (ng/l)

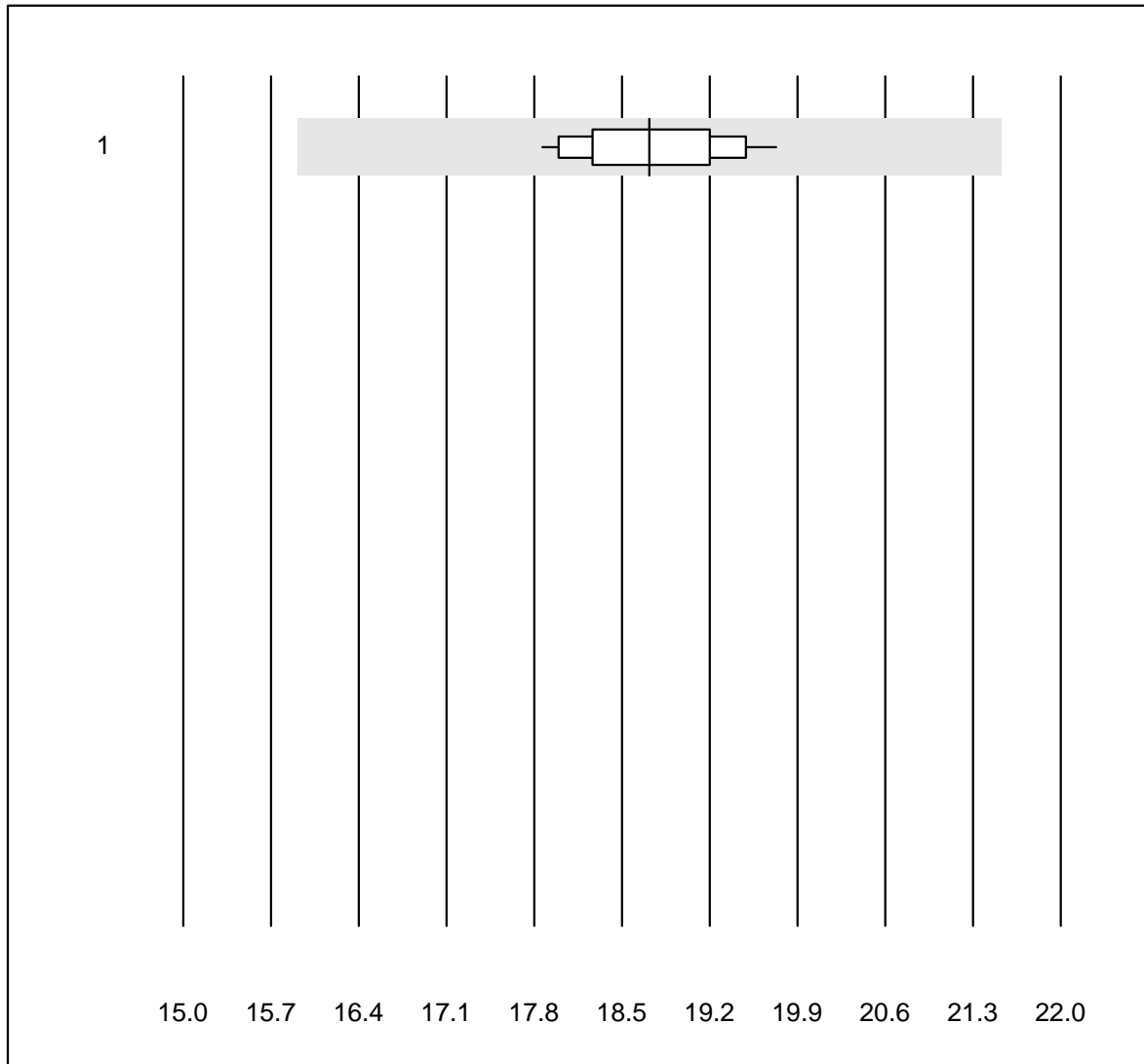
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	705	90.0	8.2	1.8	2061	14.6	e
2	Cardiac Reader	5	80.0	20.0	0.0	2295	22.4	e*

PCO2 CCA



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 OPTI CCA	13	84.6	7.7	7.7	3.46	6.2	e*

PO2 CCA

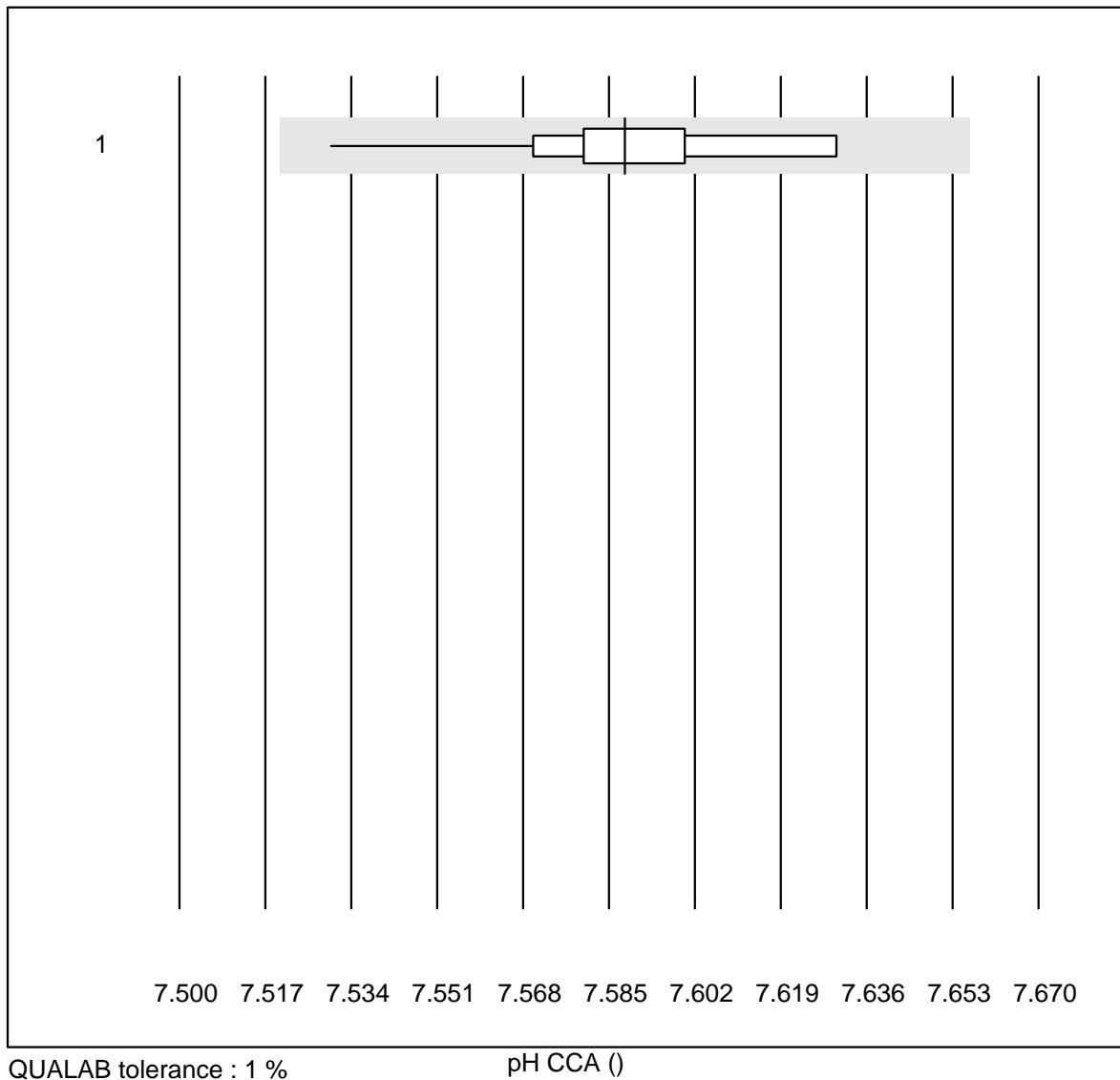


QUALAB tolerance : 15 %

PO2 CCA (kPa)

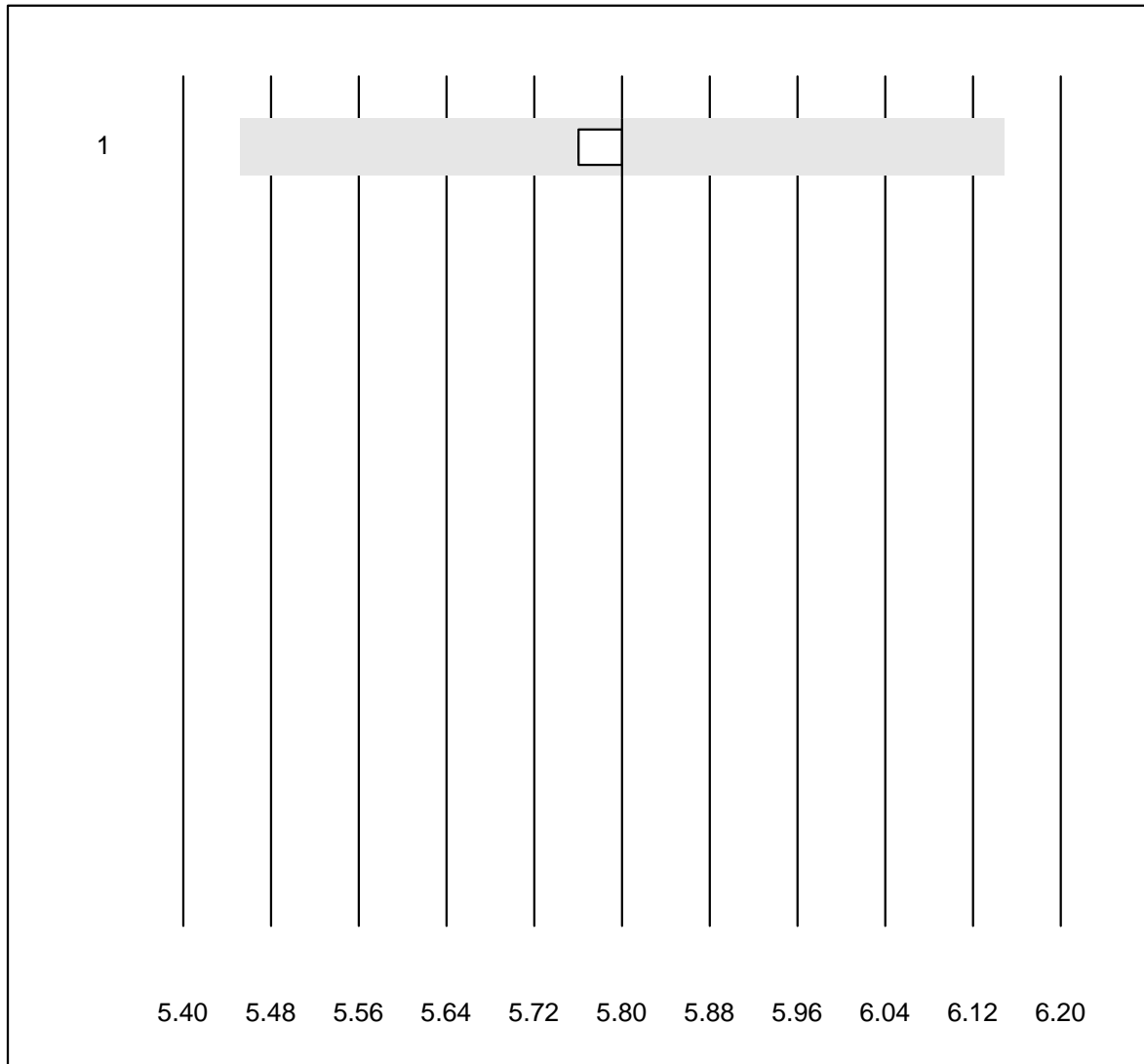
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	OPTI CCA	13	84.6	0.0	15.4	18.72	3.3	e

pH CCA



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	OPTI CCA	13	100.0	0.0	0.0	7.59	0.3	e

Potassium CCA

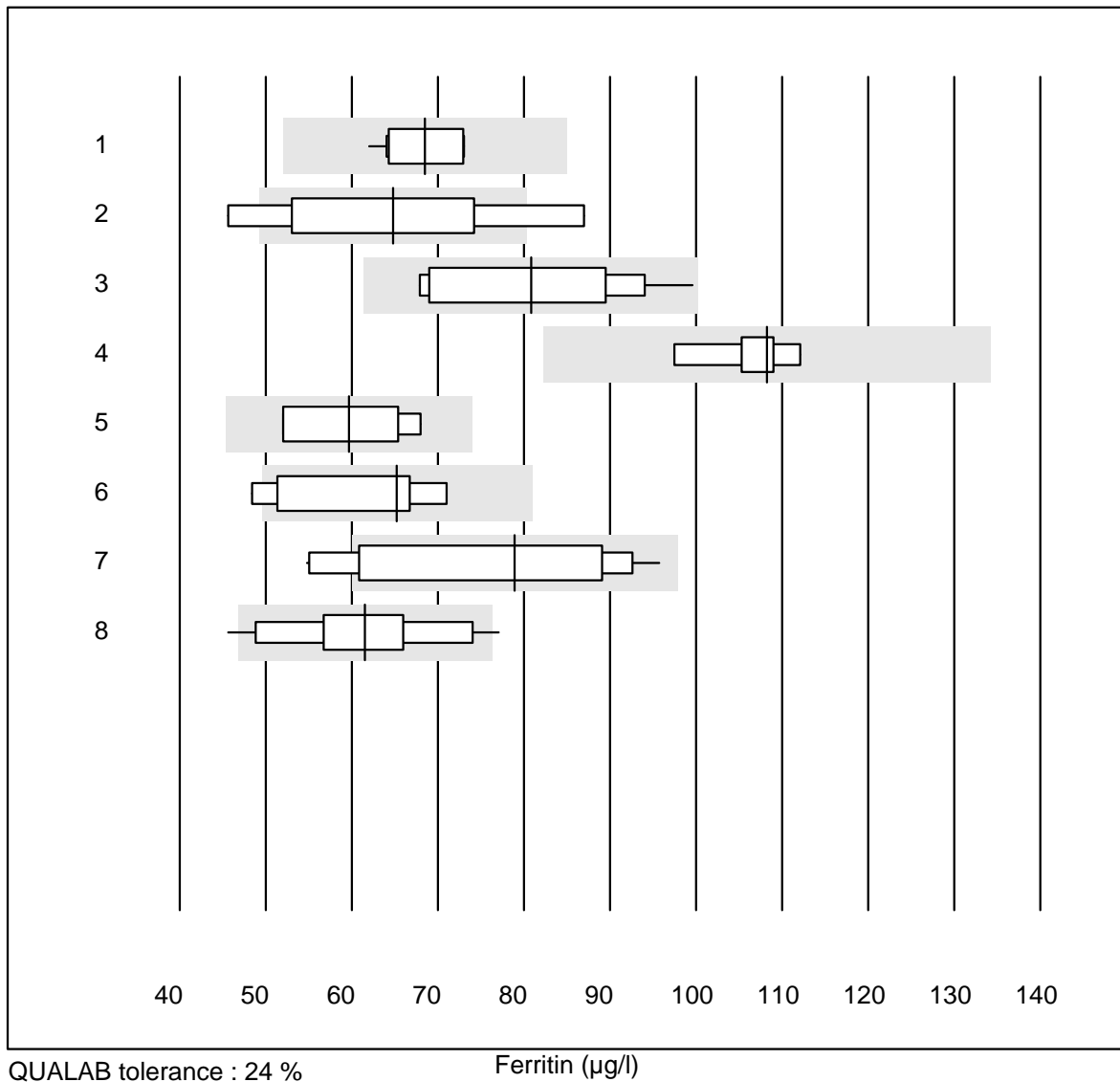


QUALAB tolerance : 6 %

Potassium CCA (mmol/l)

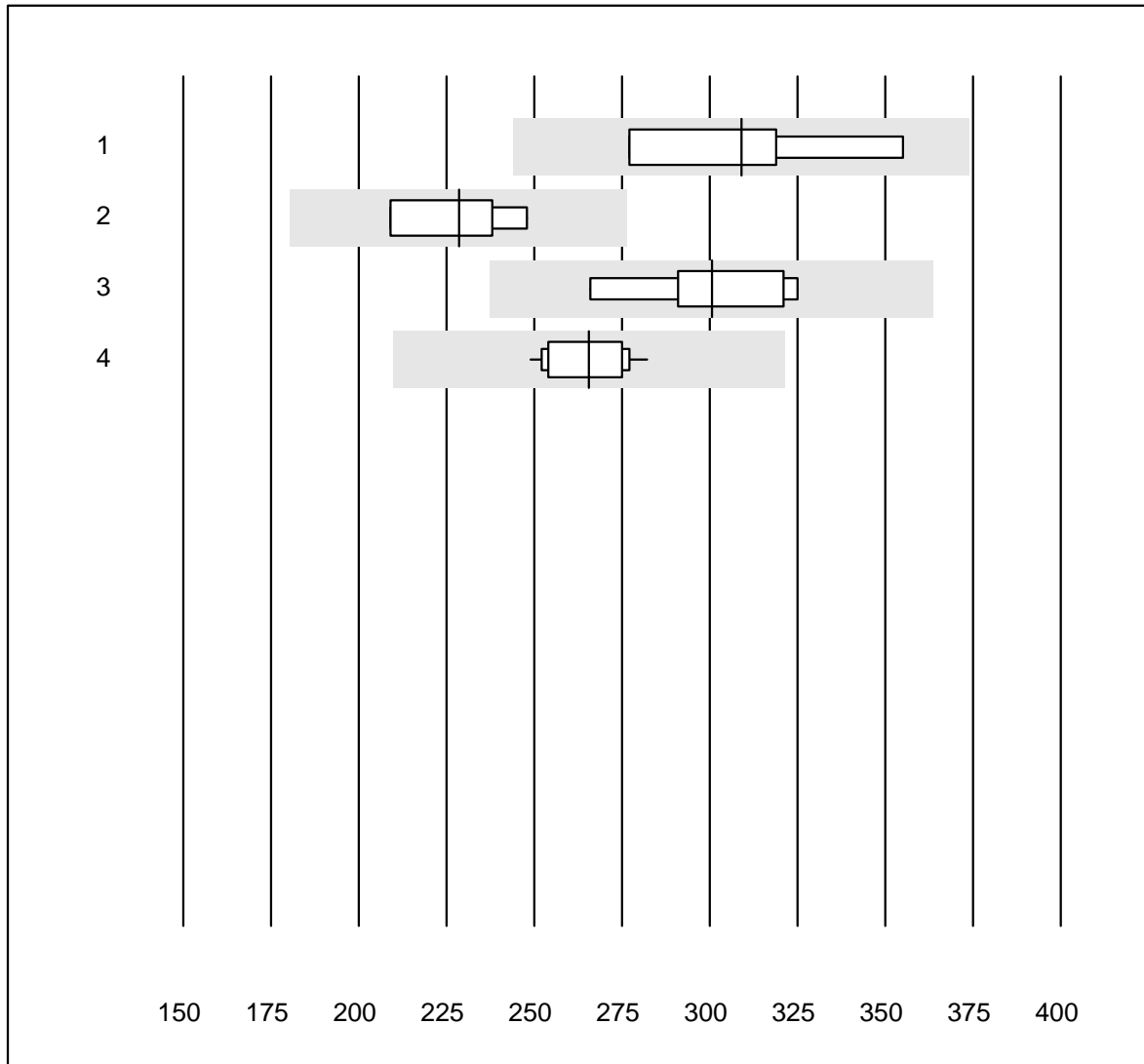
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	OPTI CCA	4	100.0	0.0	0.0	5.8	0.3	e

Ferritin



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Beckman	11	100.0	0.0	0.0	68.49	6.0	e
2	all Participants	8	62.5	25.0	12.5	64.80	20.9	e*
3	Cobas E / Elecsys	10	100.0	0.0	0.0	80.82	14.6	e*
4	Architect	5	100.0	0.0	0.0	108.26	5.2	e
5	Mira/DiaSys	4	100.0	0.0	0.0	59.70	13.4	e*
6	Mini Vidas	6	83.3	16.7	0.0	65.24	15.0	e*
7	AFIAS	35	71.4	20.0	8.6	78.94	18.8	e*
8	Eurolyser	18	88.9	11.1	0.0	61.53	13.1	e*

Vitamin B12

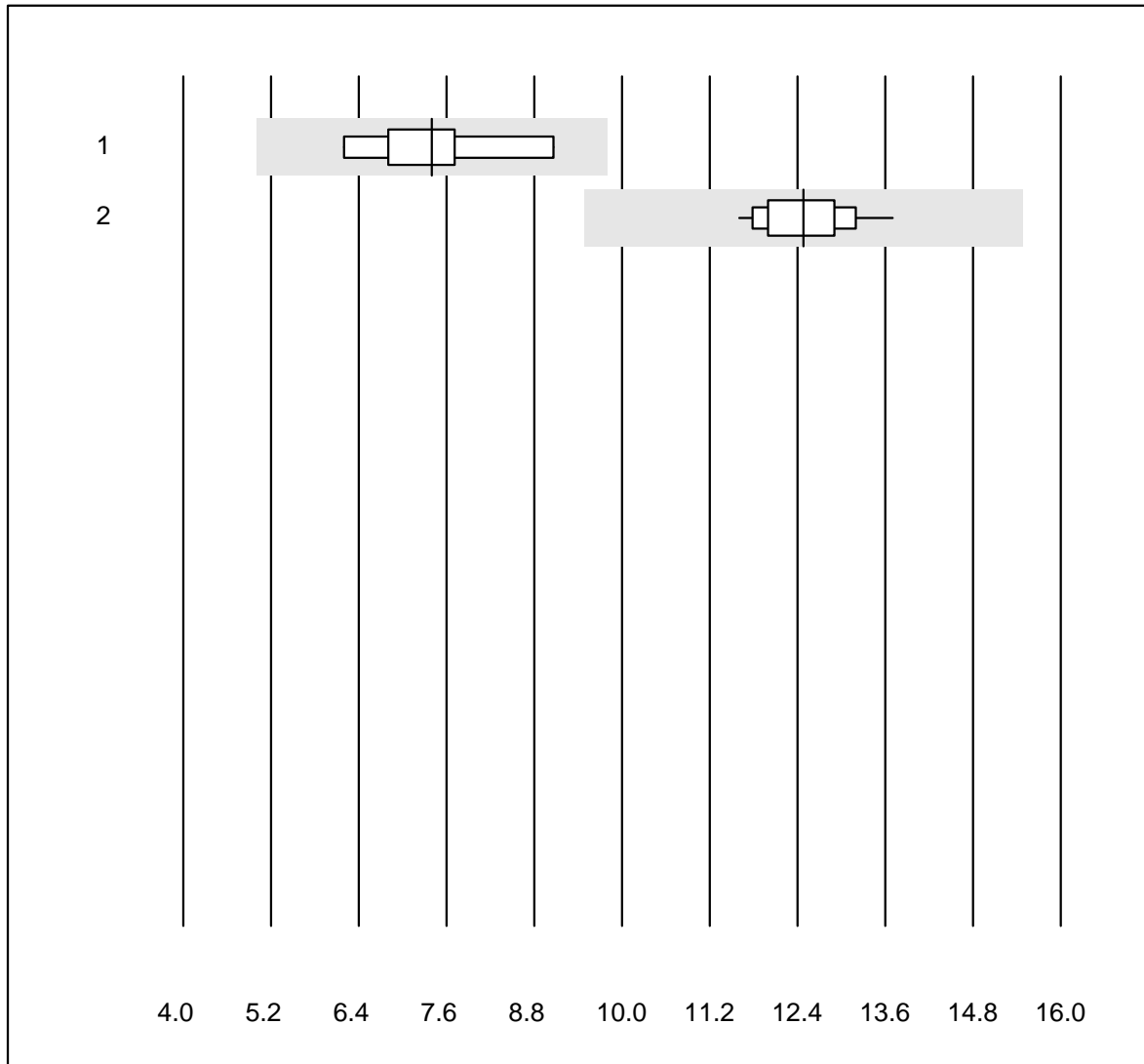


QUALAB tolerance : 21 %

Vitamin B12 (pmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	4	100.0	0.0	0.0	309.00	10.6	e*
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	228.50	7.8	e*
3	Cobas E / Elecsys	9	100.0	0.0	0.0	300.62	7.0	e
4	Architect	11	100.0	0.0	0.0	265.62	4.1	e

Folate

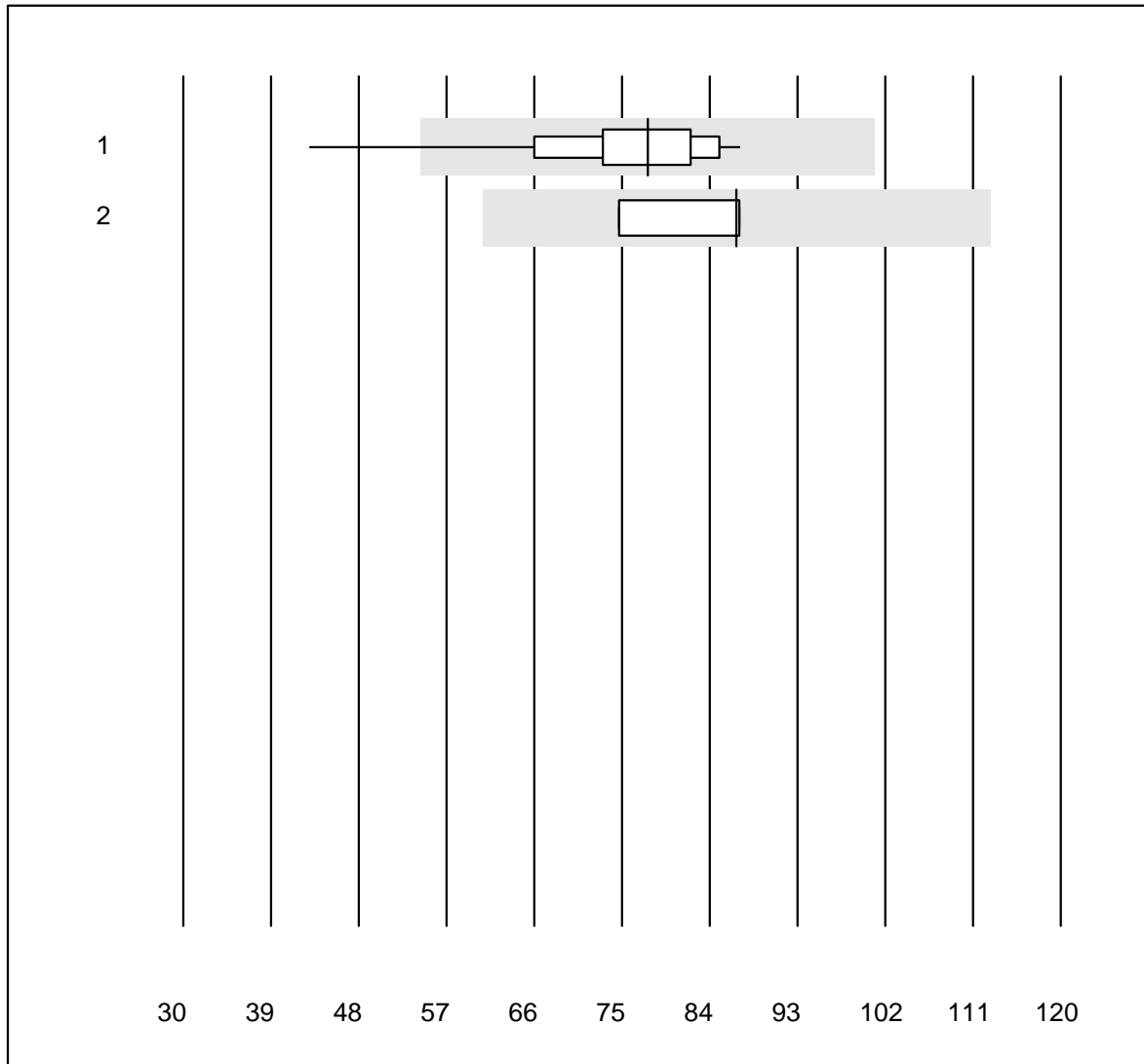


QUALAB tolerance : 24 %
 (< 10.00: +/- 2.40 nmol/l)

Folate (nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	9	100.0	0.0	0.0	7.40	11.4	a
2	Architect	11	100.0	0.0	0.0	12.48	5.1	a

Holotranscobalamine

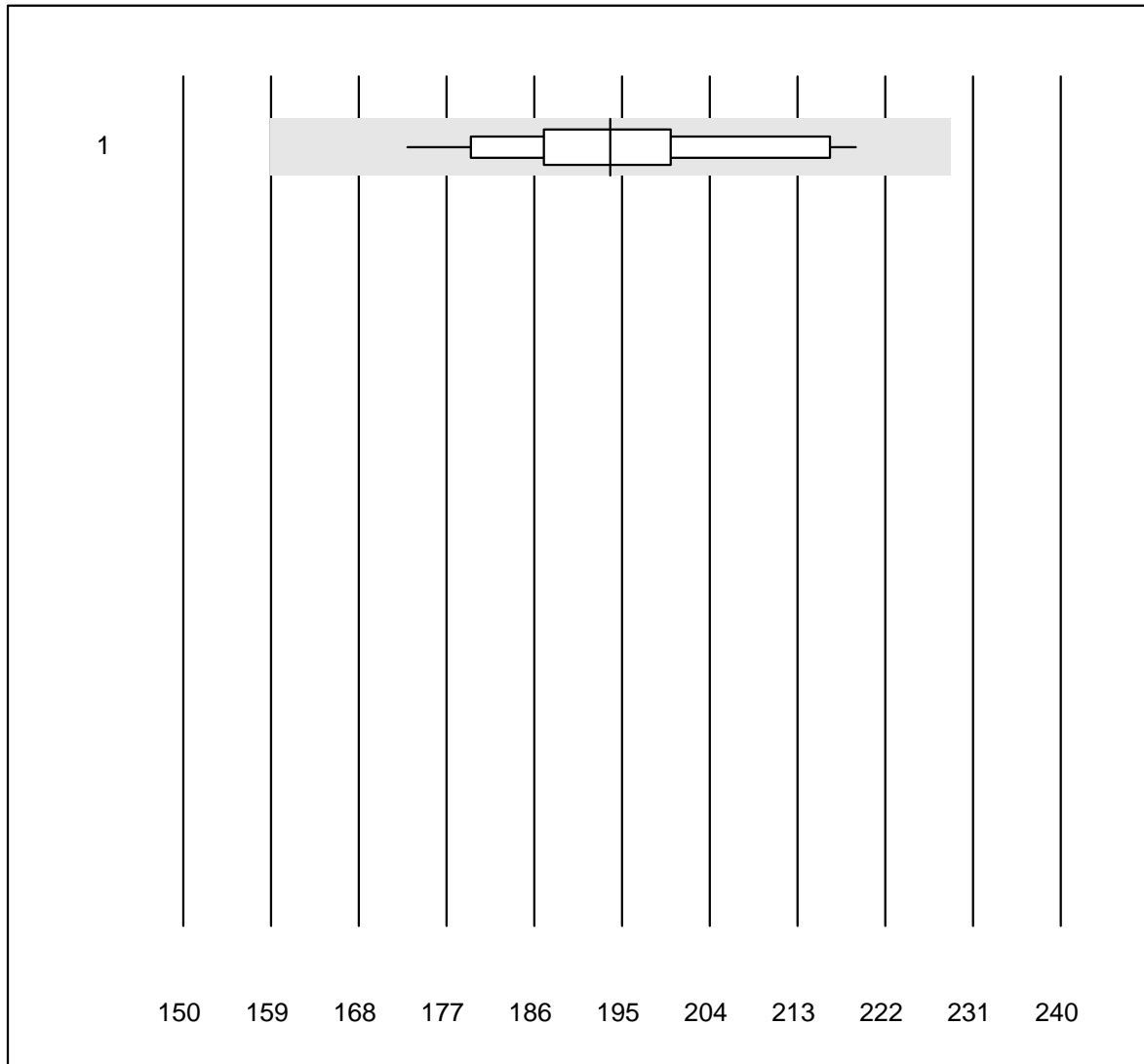


MQ tolerance : 30 %

Holotranscobalamine (pmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	13	92.3	7.7	0.0	77.6	15.2	e*
2	all Participants	4	75.0	0.0	25.0	86.8	8.4	e*

Bilirubin total Neo

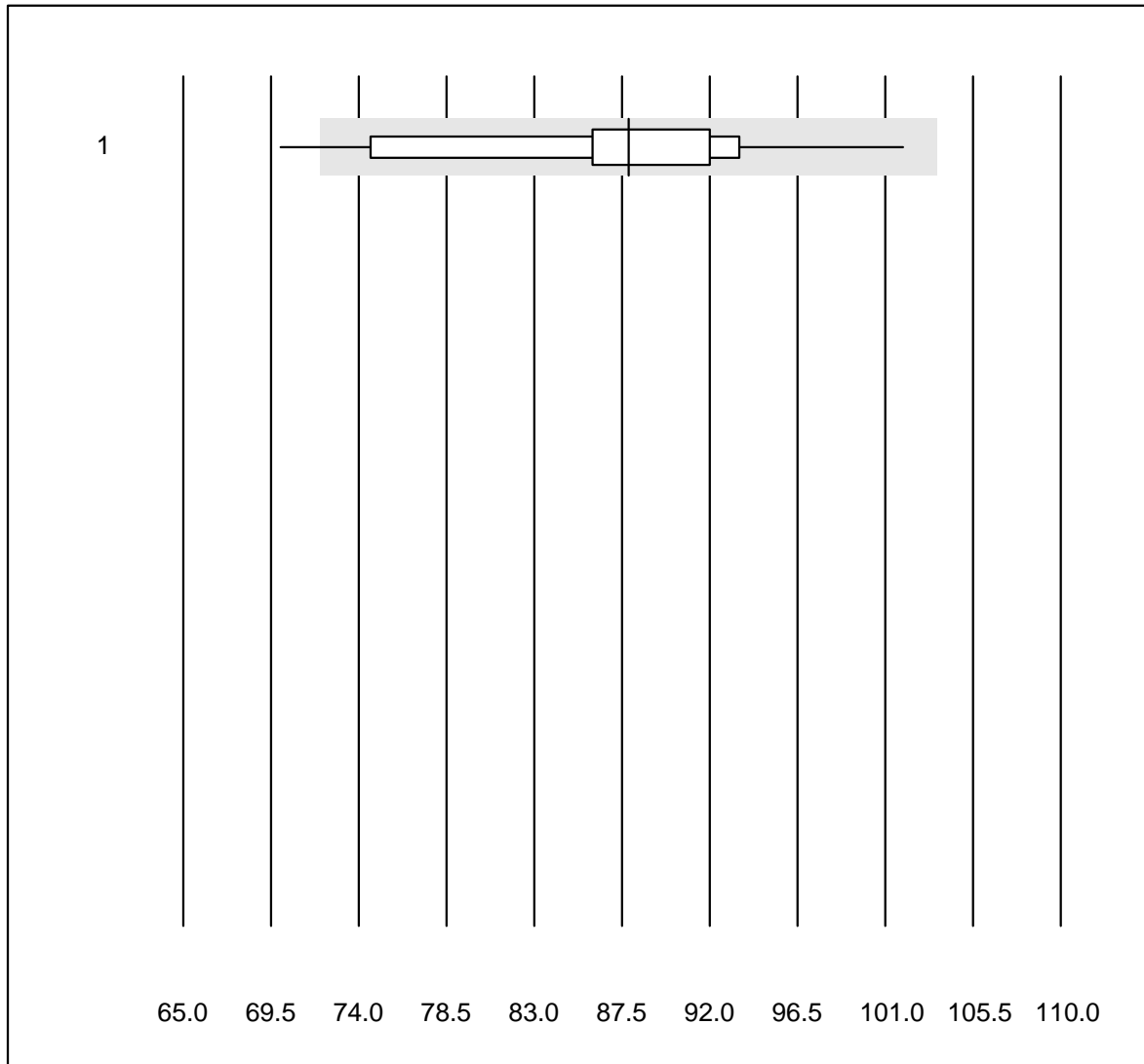


QUALAB tolerance : 18 %

Bilirubin total Neo ($\mu\text{mol/l}$)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	18	100.0	0.0	0.0	194	6.3	e

Bilirubin direct

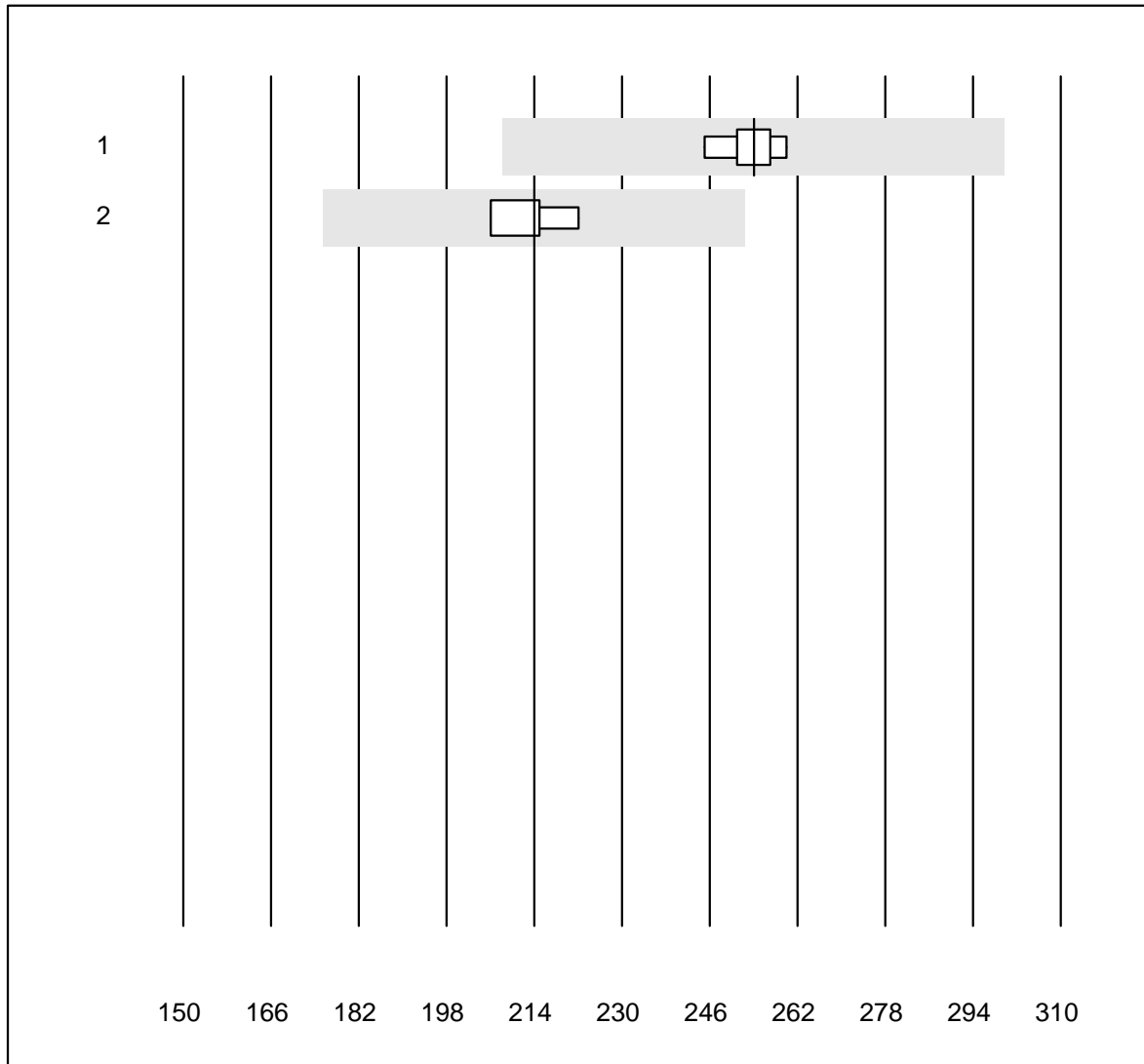


QUALAB tolerance : 18 %

Bilirubin direct (µmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	18	88.8	5.6	5.6	88	8.5	e

Bilirubin neonatal

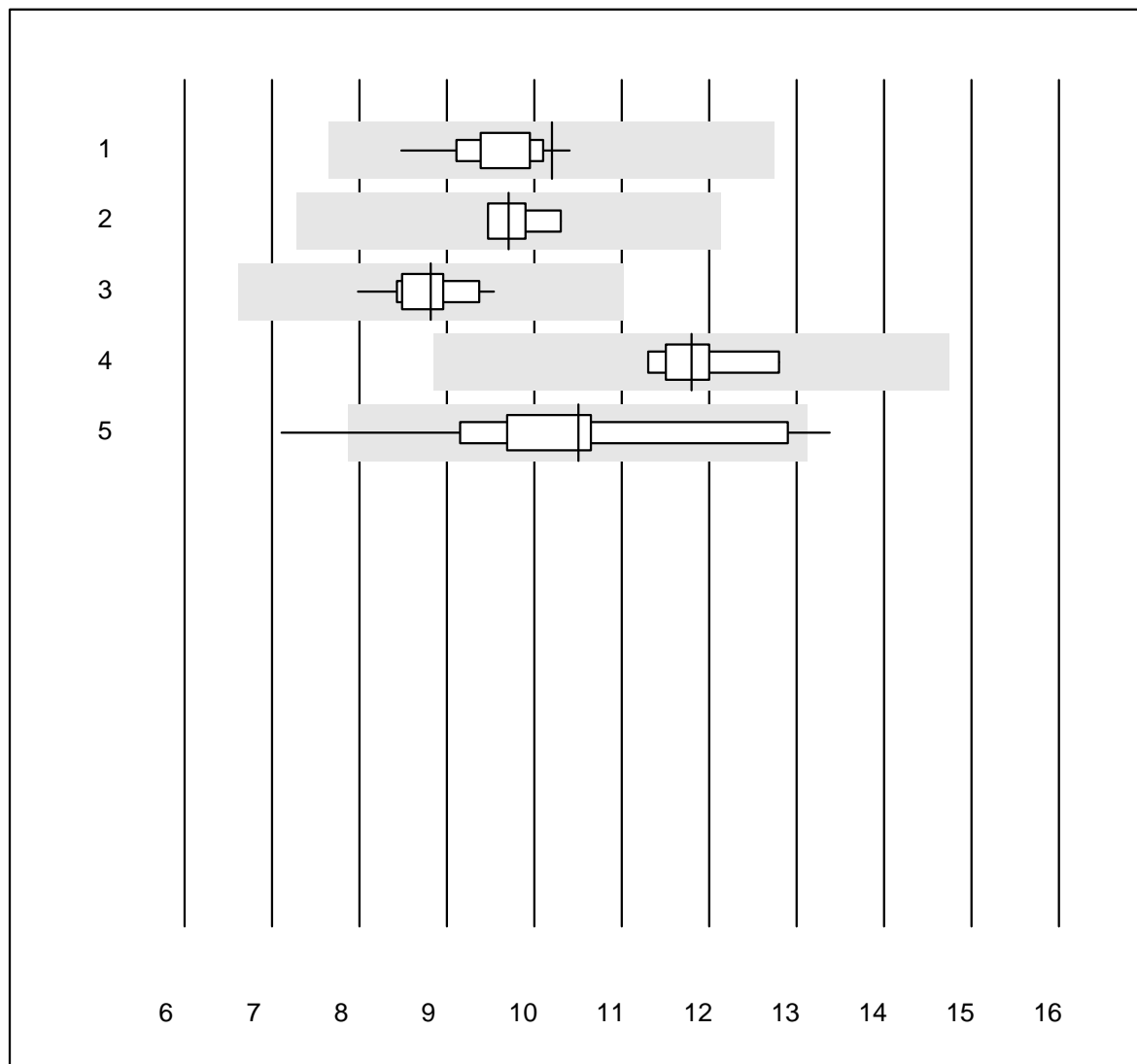


QUALAB tolerance : 18 %

Bilirubin neonatal (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	7	100.0	0.0	0.0	254	1.9	e
2	ABL700/800	4	100.0	0.0	0.0	214	3.1	e

PSA

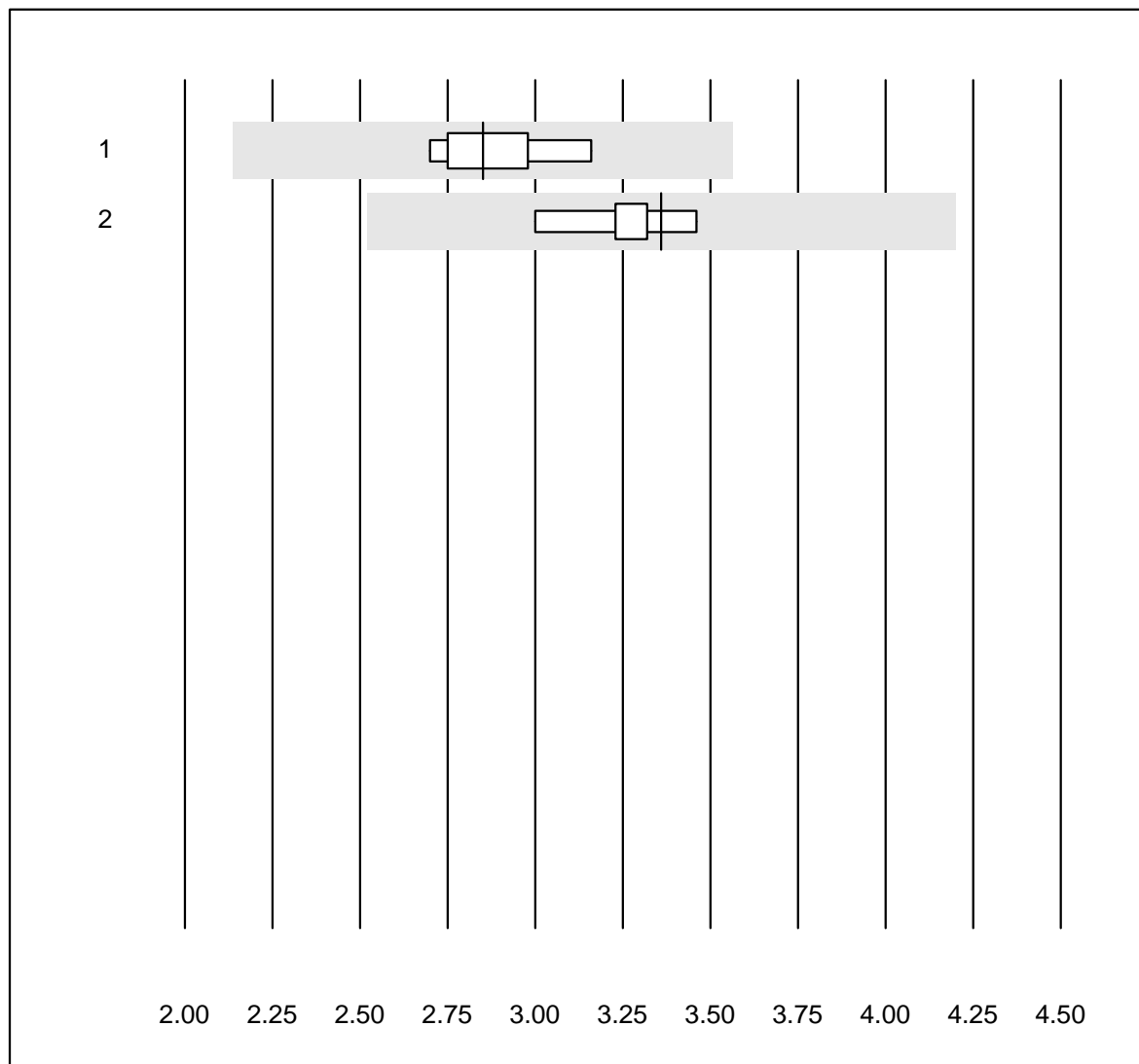


QUALAB tolerance : 25 %

PSA (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	11	100.0	0.0	0.0	10.20	5.3	a
2	VIDAS	4	100.0	0.0	0.0	9.71	3.9	e
3	Architect	11	100.0	0.0	0.0	8.81	4.9	e
4	Qualigen	5	100.0	0.0	0.0	11.80	4.9	e
5	AFIAS	27	88.9	11.1	0.0	10.50	13.0	a

free PSA

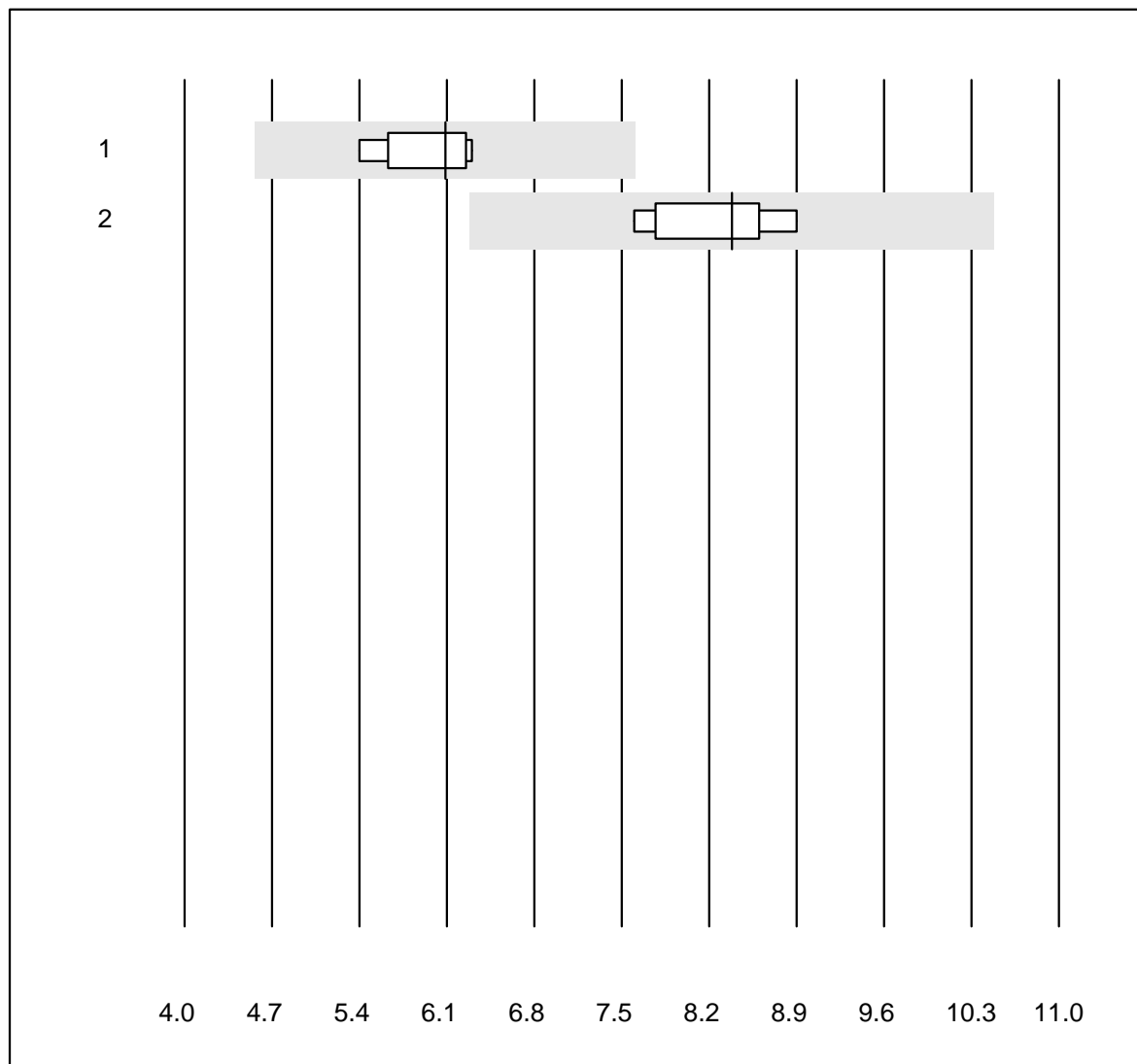


QUALAB tolerance : 25 %

free PSA (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	2.85	5.8	e
2	Architect	9	100.0	0.0	0.0	3.36	3.9	a

CEA

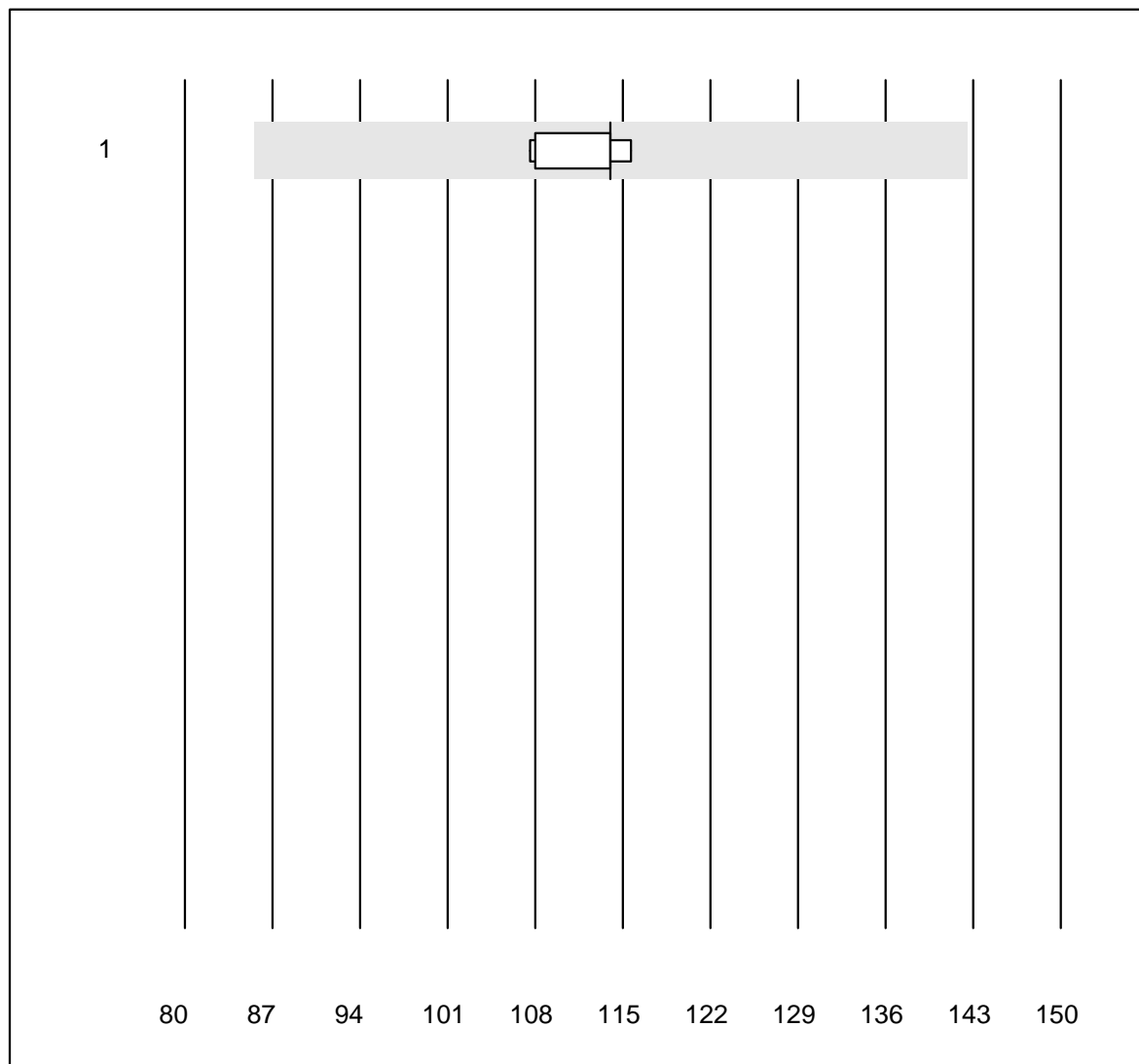


QUALAB tolerance : 25 %

CEA (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	7	100.0	0.0	0.0	6.1	5.5	a
2	Architect	8	100.0	0.0	0.0	8.4	5.6	a

CA 125

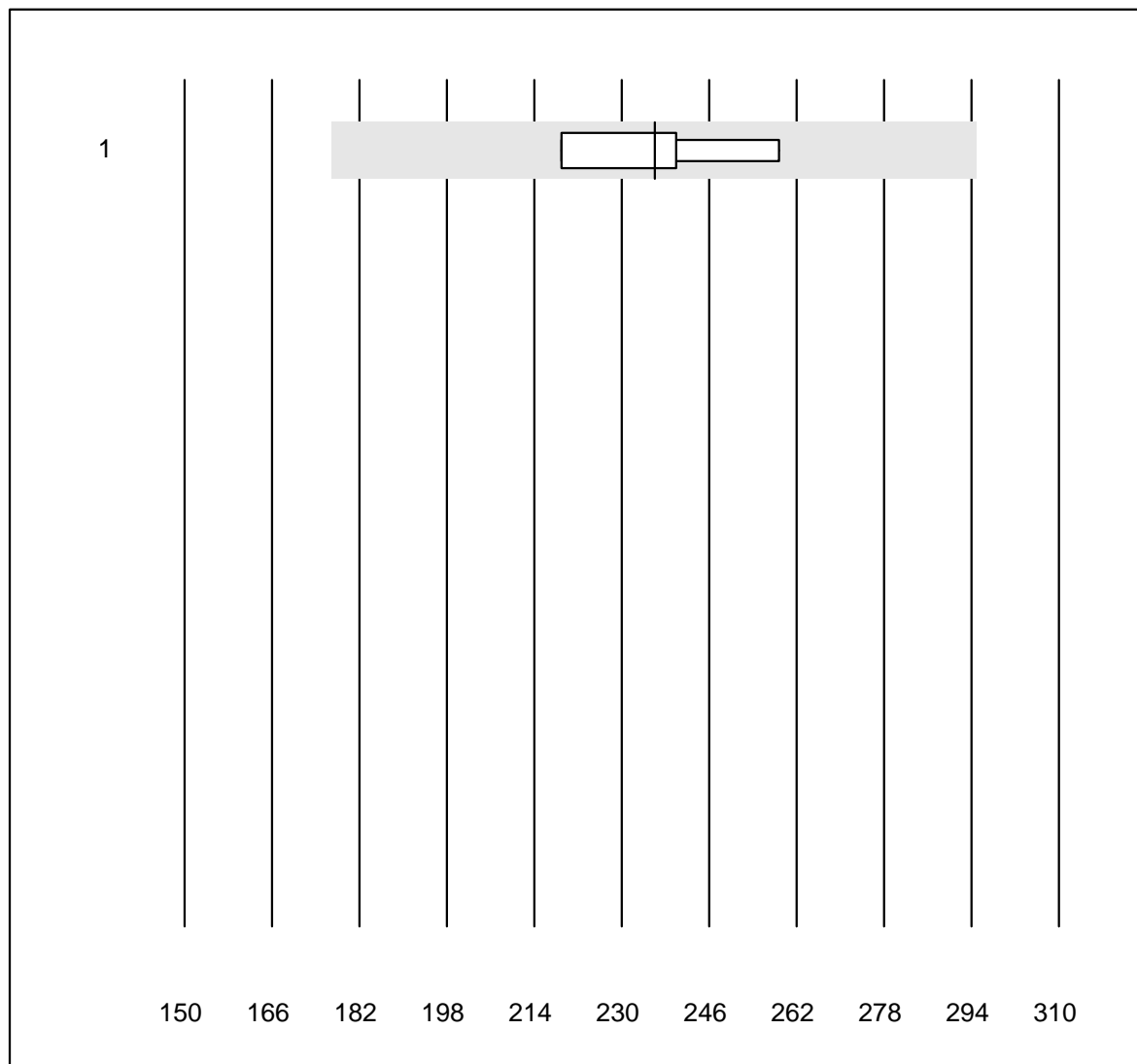


MQ tolerance : 25 %

CA 125 (kIU/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	6	100.0	0.0	0.0	114.0	2.9	a

CA 19-9

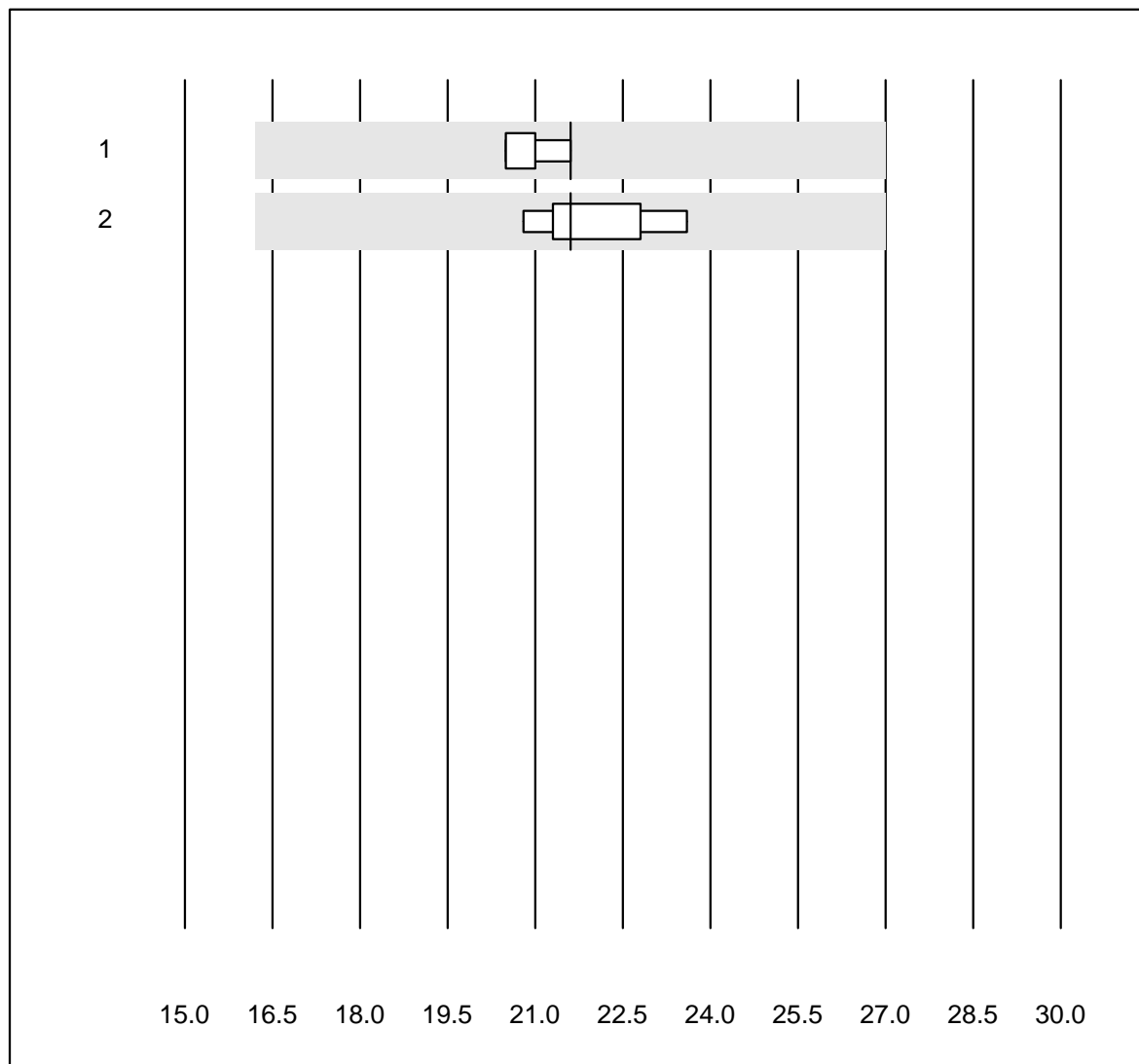


MQ tolerance : 25 %

CA 19-9 (kIU/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	236.0	7.2	a

CA 15-3

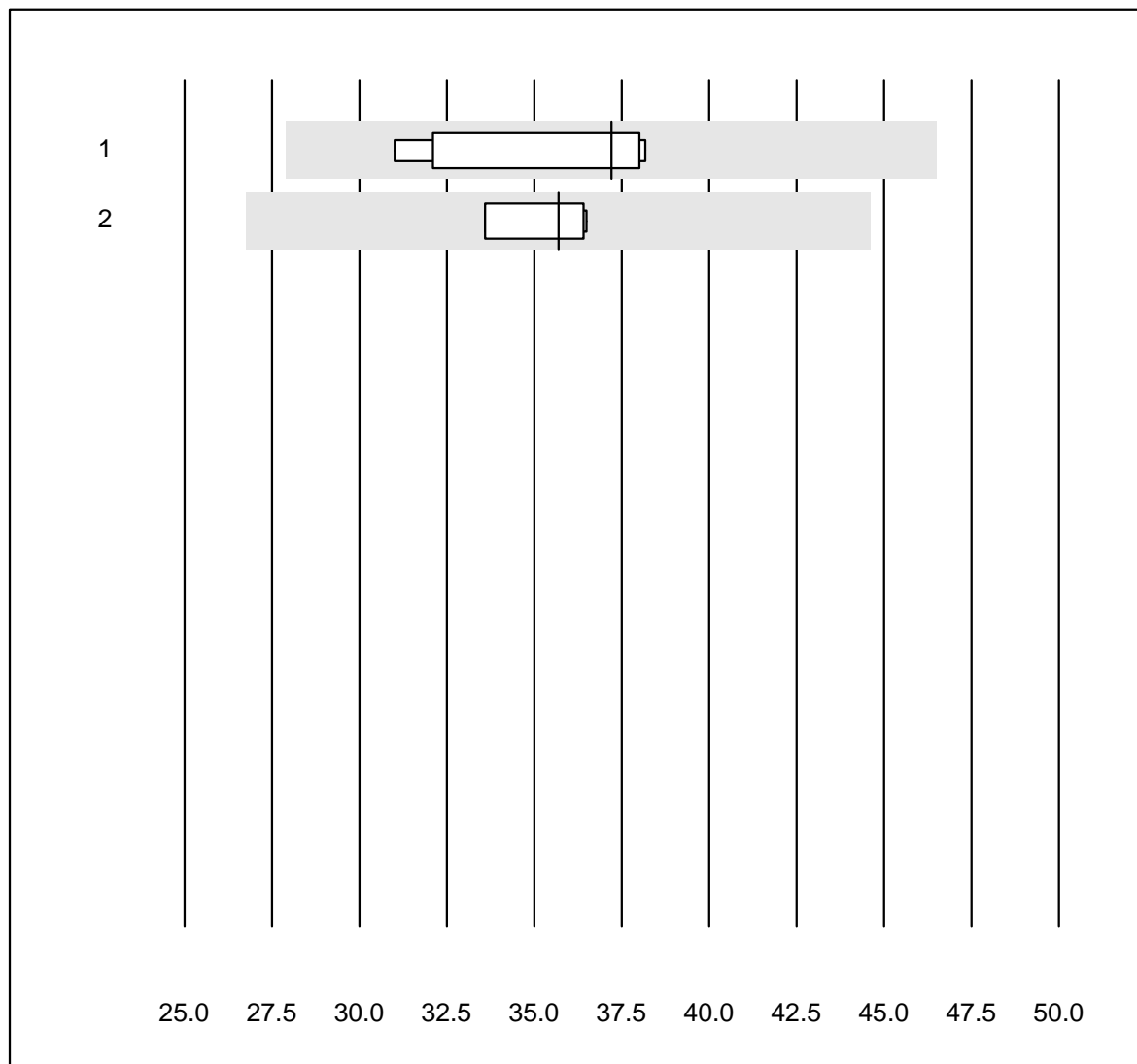


MQ tolerance : 25 %

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	21.6	2.3	a
2	Architect	6	100.0	0.0	0.0	21.6	4.8	e

AFP

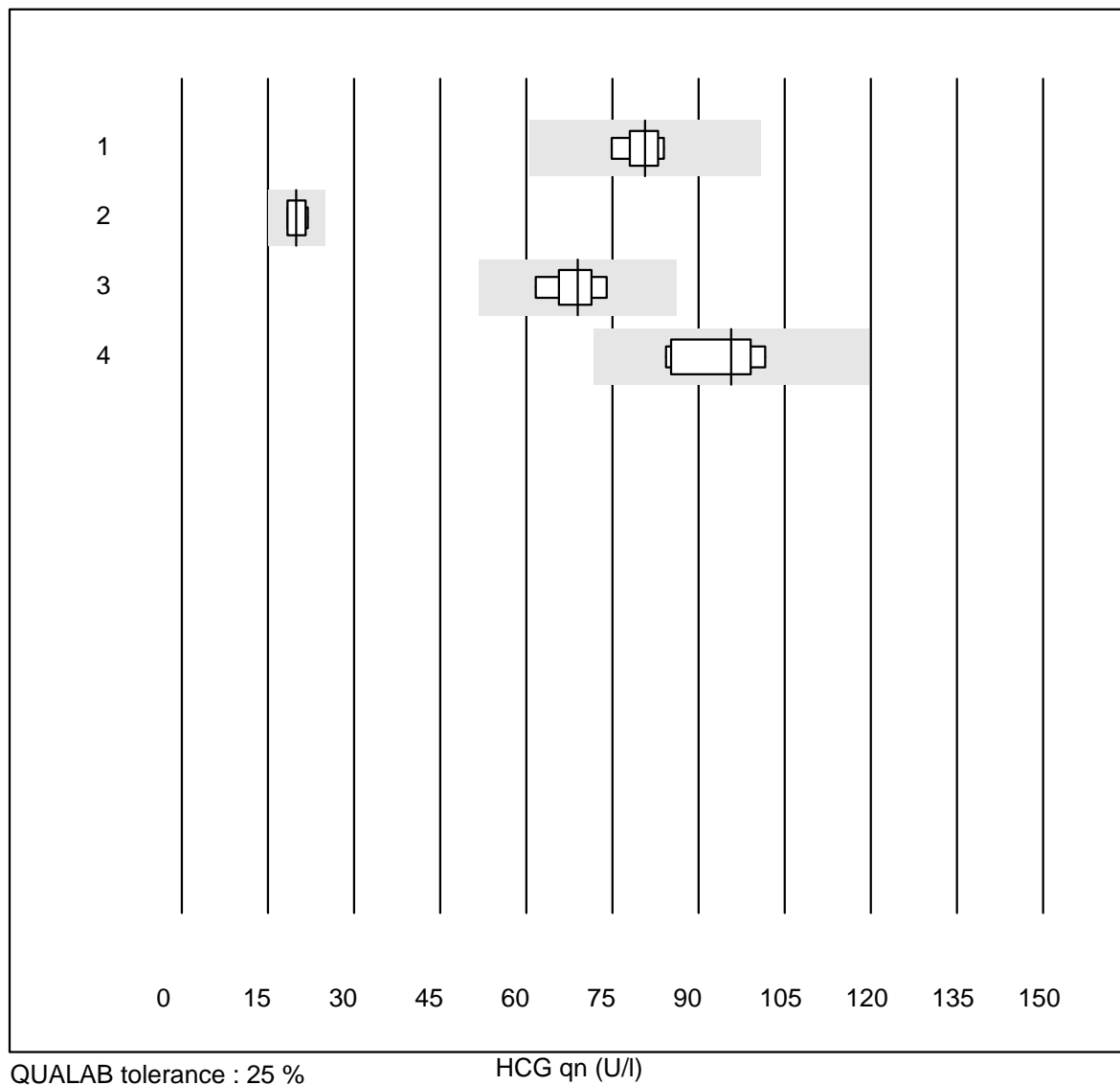


QUALAB tolerance : 25 %

AFP (µg/l)

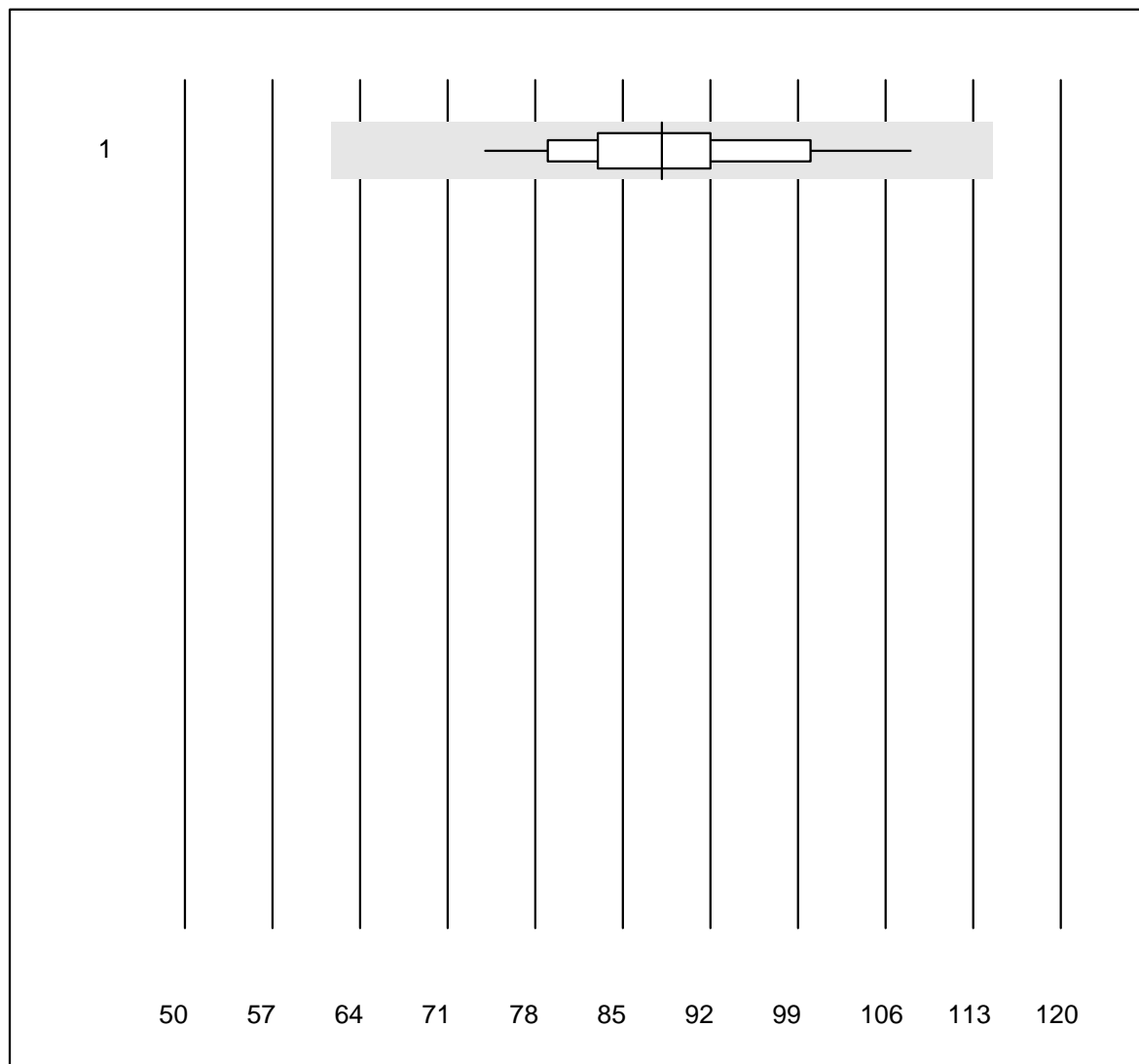
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	37.2	9.5	a
2	Architect	4	100.0	0.0	0.0	35.7	3.8	a

HCG qn



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	80.7	4.4	e
2	VIDAS	8	100.0	0.0	0.0	19.9	7.2	e
3	Architect	6	100.0	0.0	0.0	69.0	6.5	a
4	AFIAS	7	85.7	0.0	14.3	95.7	7.8	e

CK-MB

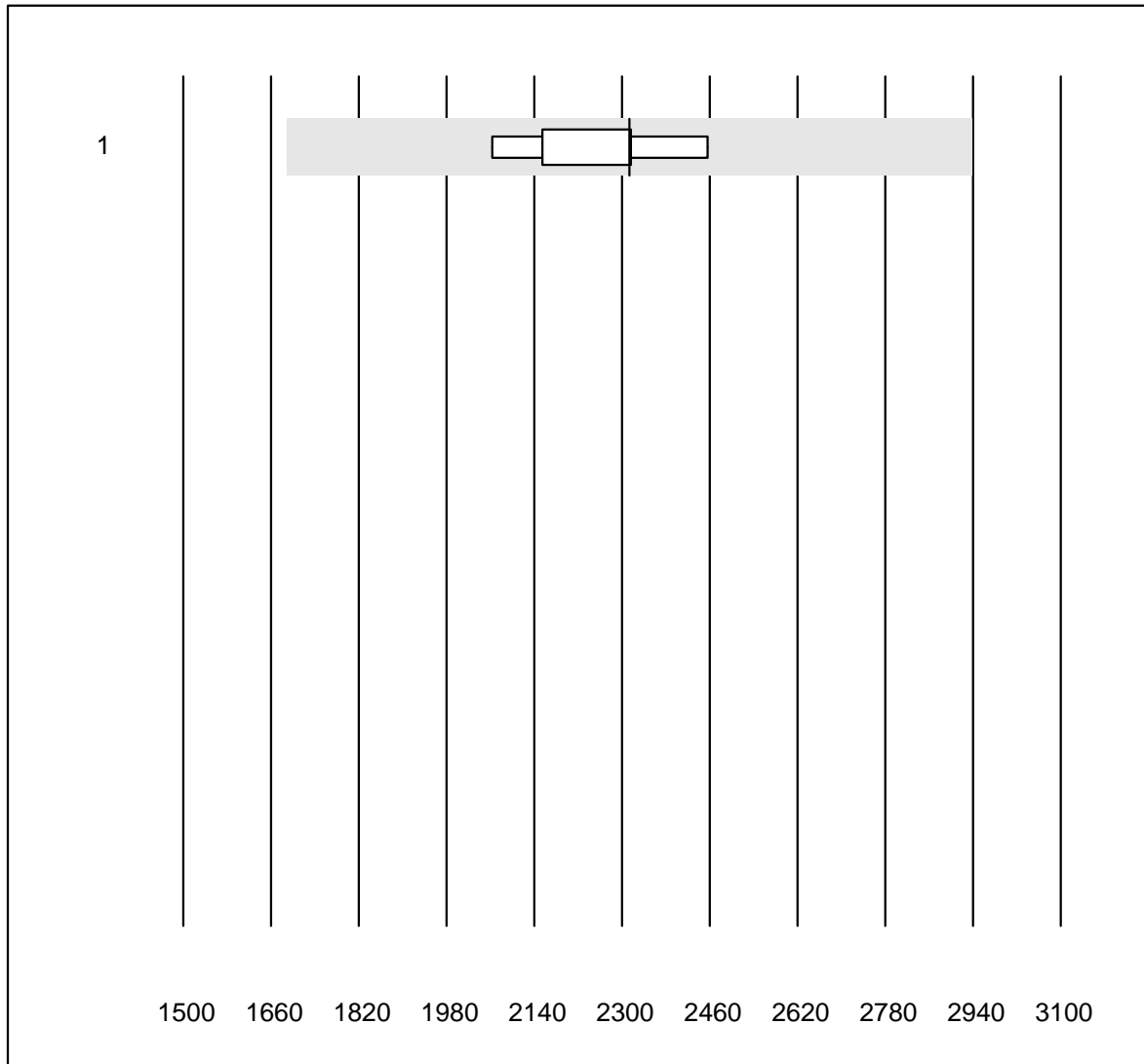


MQ tolerance : 30 %

CK-MB (U/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Fuji Dri-Chem	33	100.0	0.0	0.0	88.1	9.5	e

BNP

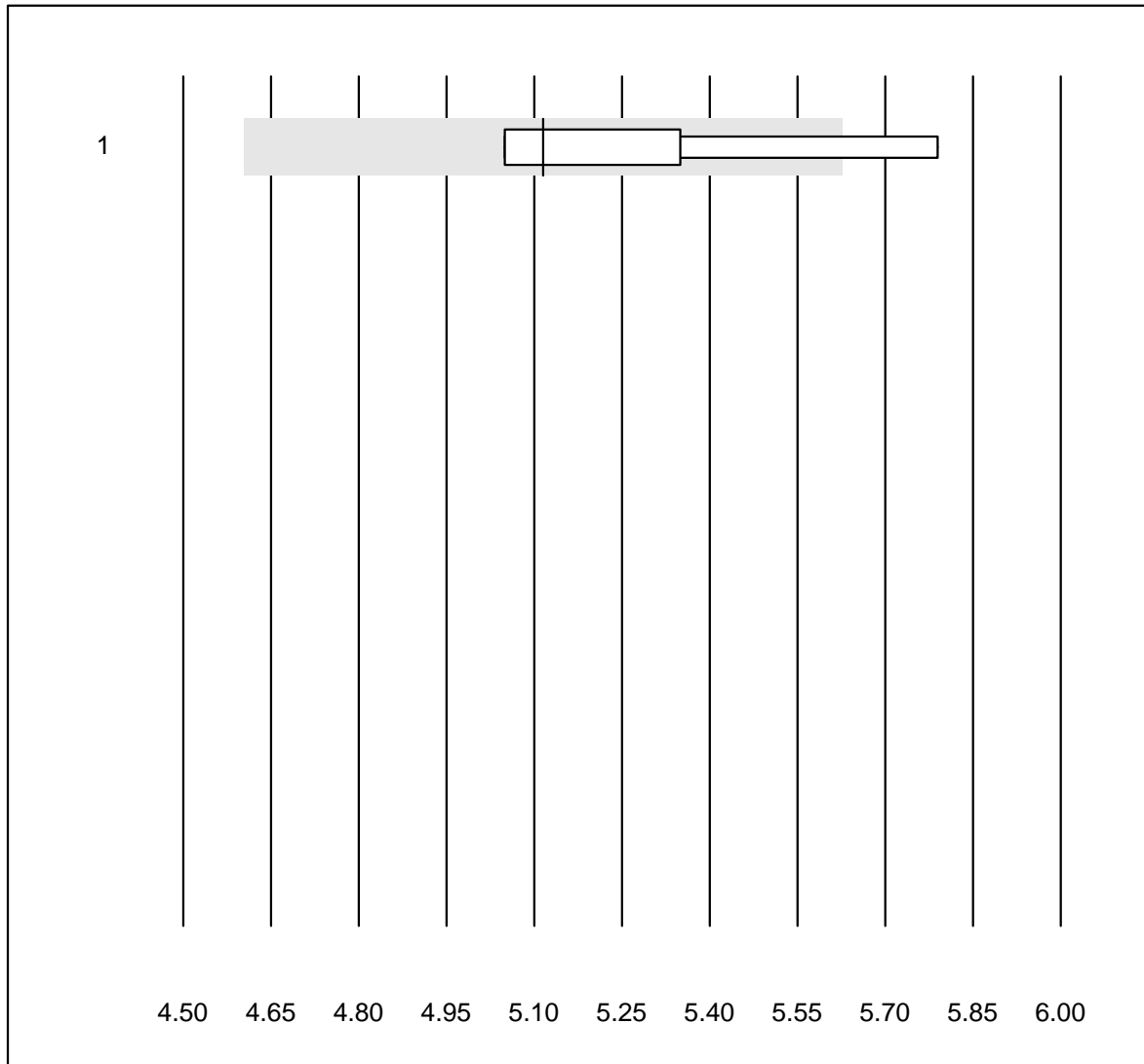


QUALAB tolerance : 27 %

BNP (ng/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	5	100.0	0.0	0.0	2313.8	6.8	e

Cholesterin PTS

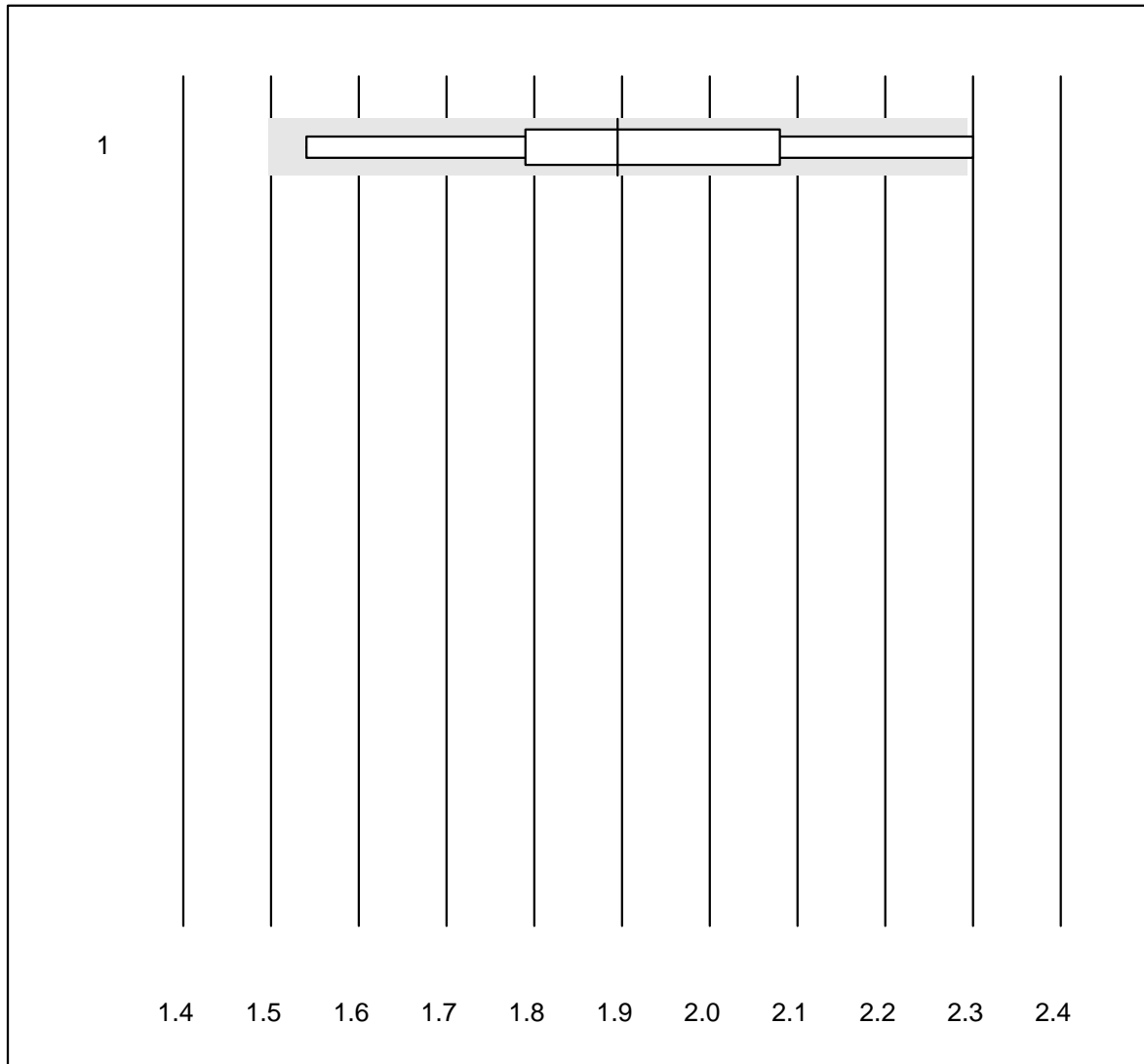


QUALAB tolerance : 10 %

Cholesterin PTS (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	8	87.5	12.5	0.0	5.12	5.1	e*

Cholesterin HDL PTS

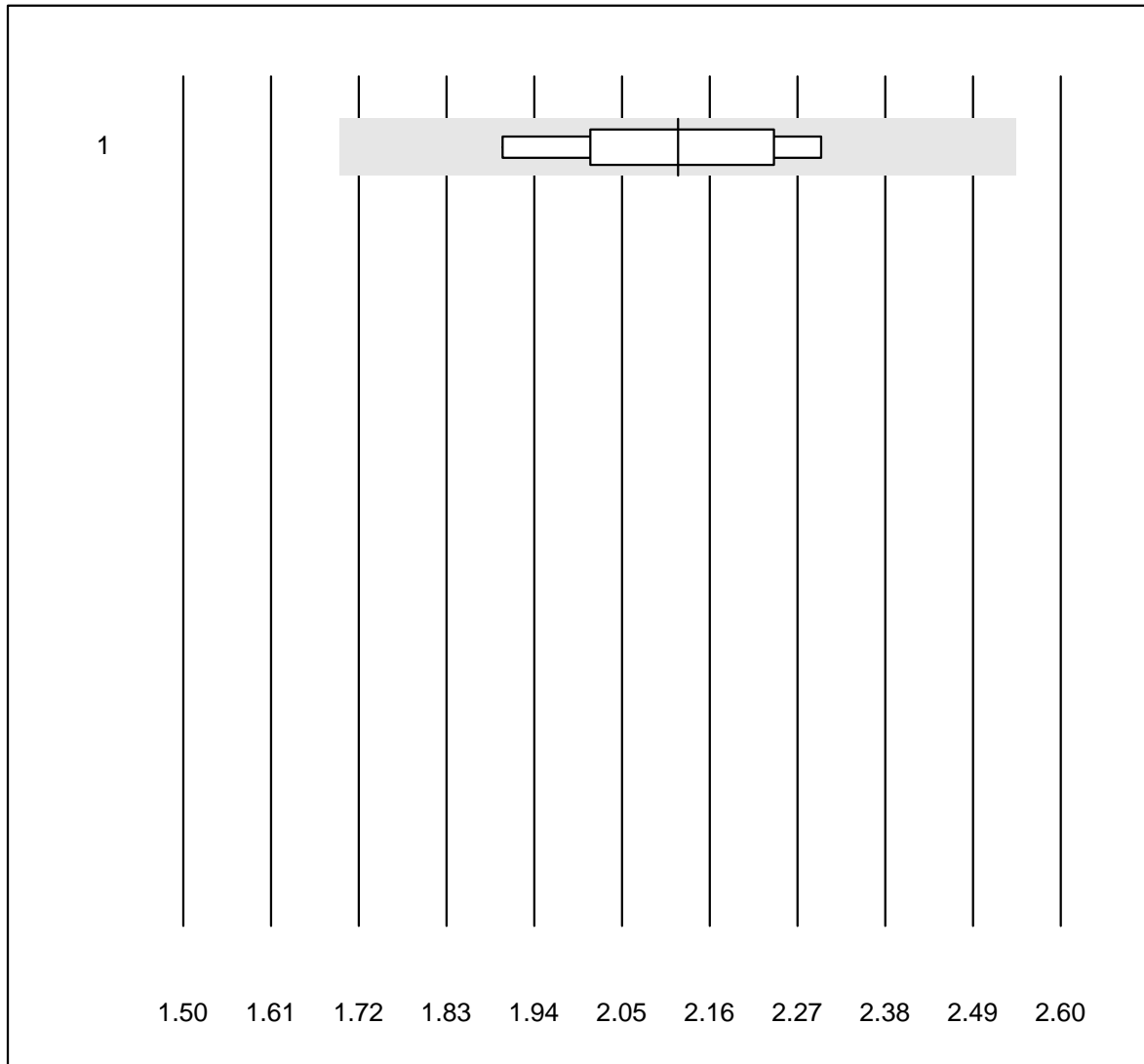


QUALAB tolerance : 21 %

Cholesterin HDL PTS (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	8	87.5	12.5	0.0	1.90	12.1	e*

Triglyceride PTS

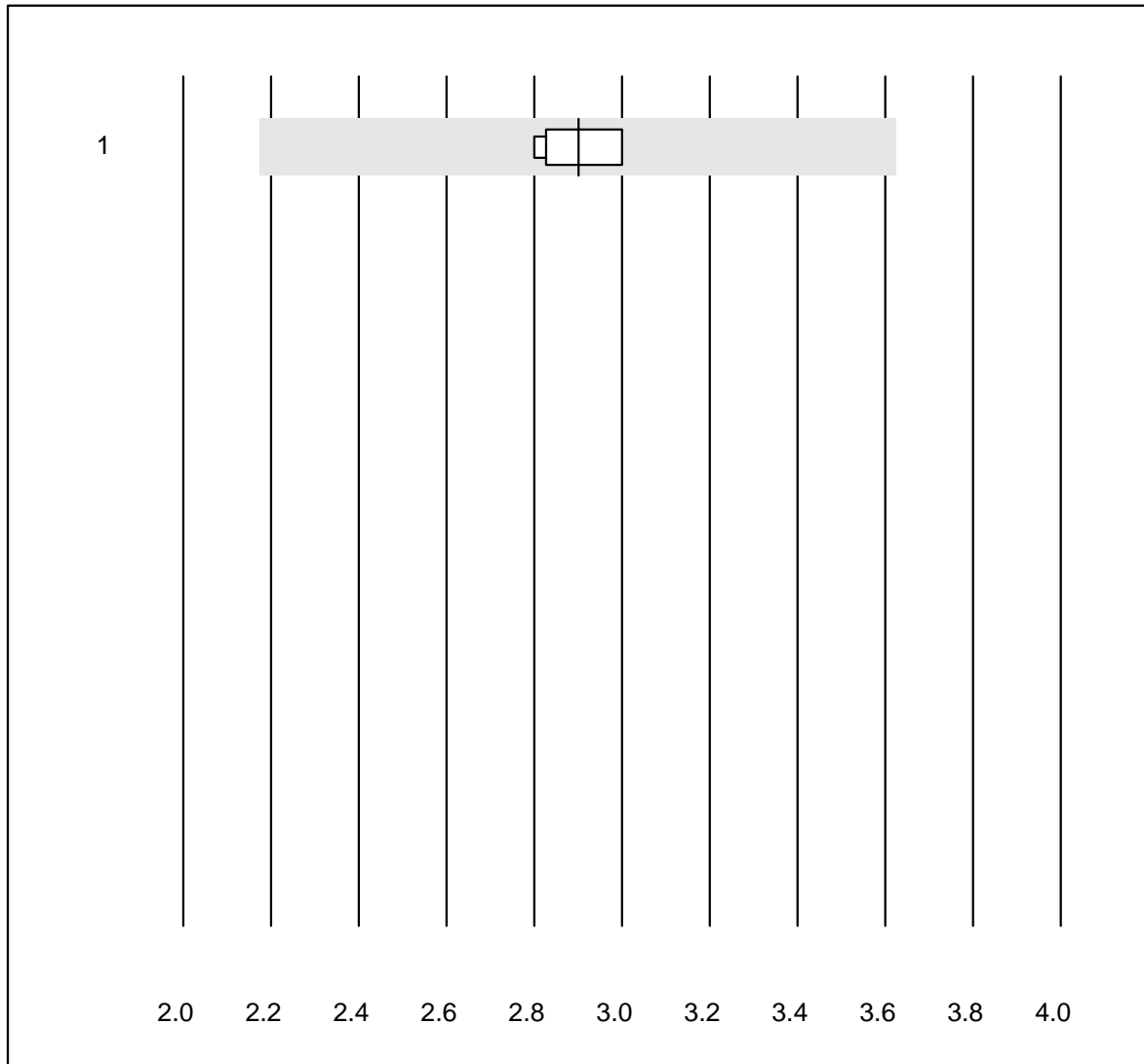


QUALAB tolerance : 20 %

Triglyceride PTS (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	CardioChek	8	100.0	0.0	0.0	2.12	6.8	e

C-Peptid

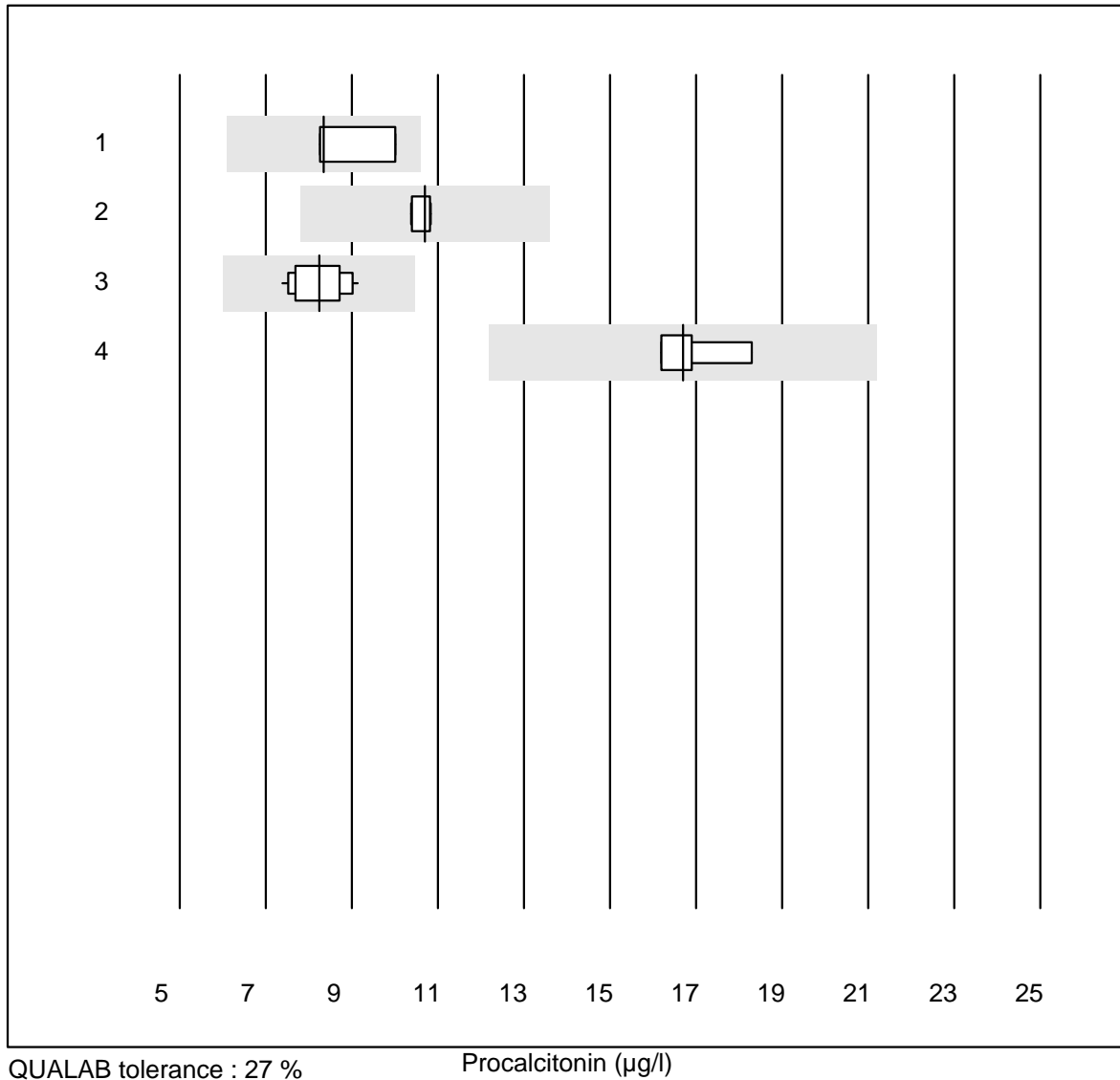


MQ tolerance : 25 %

C-Peptid (nmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Liaison	5	100.0	0.0	0.0	2.9	3.2	e

Procalcitonin

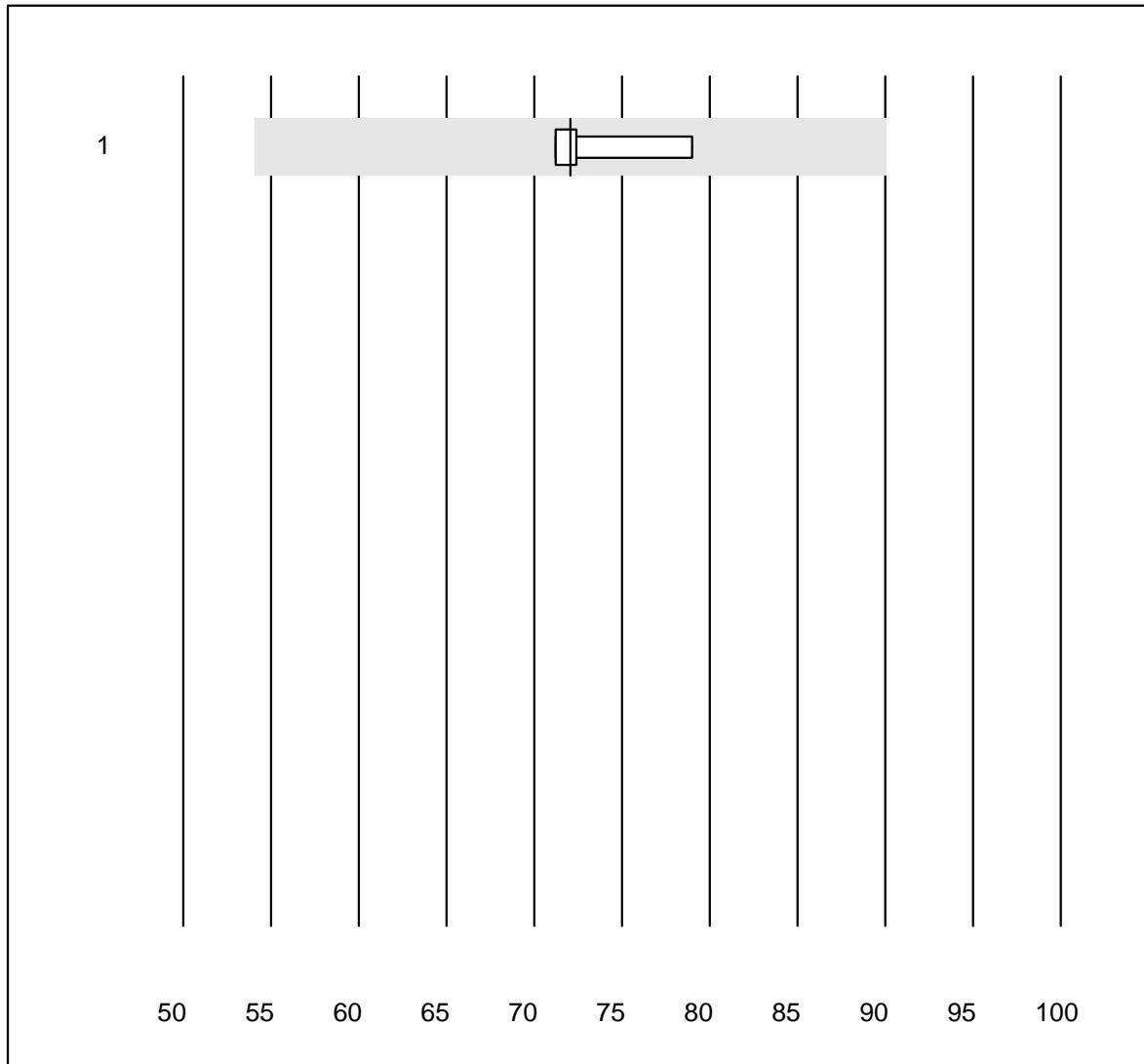


QUALAB tolerance : 27 %

Procalcitonin (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	4	75.0	0.0	25.0	8.35	10.7	a
2	Cobas	5	100.0	0.0	0.0	10.70	2.1	e
3	VIDAS	19	94.7	0.0	5.3	8.24	6.9	e
4	Liaison	4	100.0	0.0	0.0	16.70	5.5	e

EPO

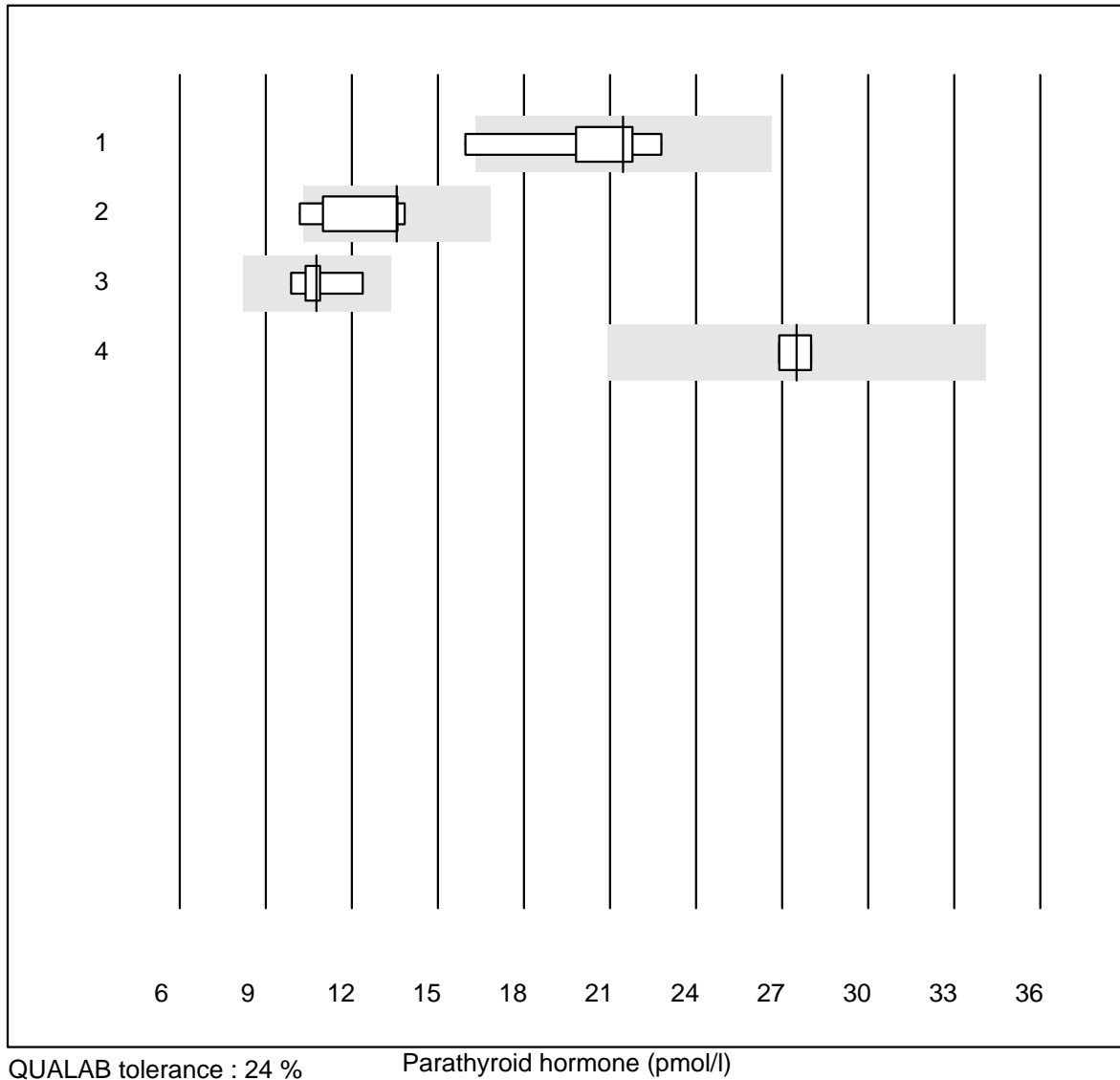


MQ tolerance : 25 %

EPO (U/l)

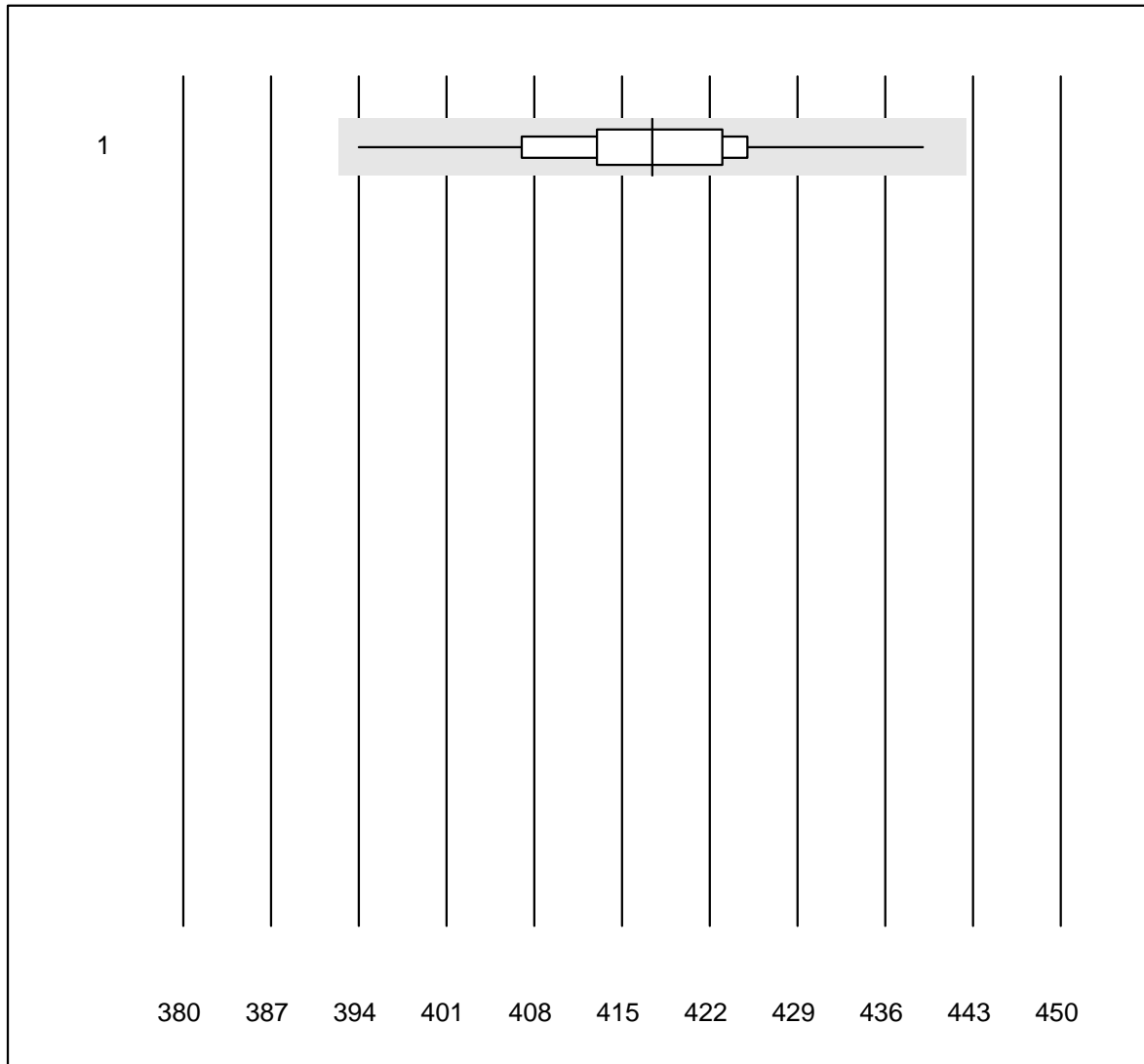
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	4	100.0	0.0	0.0	72.1	5.0	e

Parathyroid hormone



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	5	80.0	20.0	0.0	21.5	13.2	e*
2	Cobas PTH STAT	5	80.0	20.0	0.0	13.6	13.7	e*
3	Cobas	6	100.0	0.0	0.0	10.8	7.8	e*
4	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	27.5	2.2	e

Osmolality

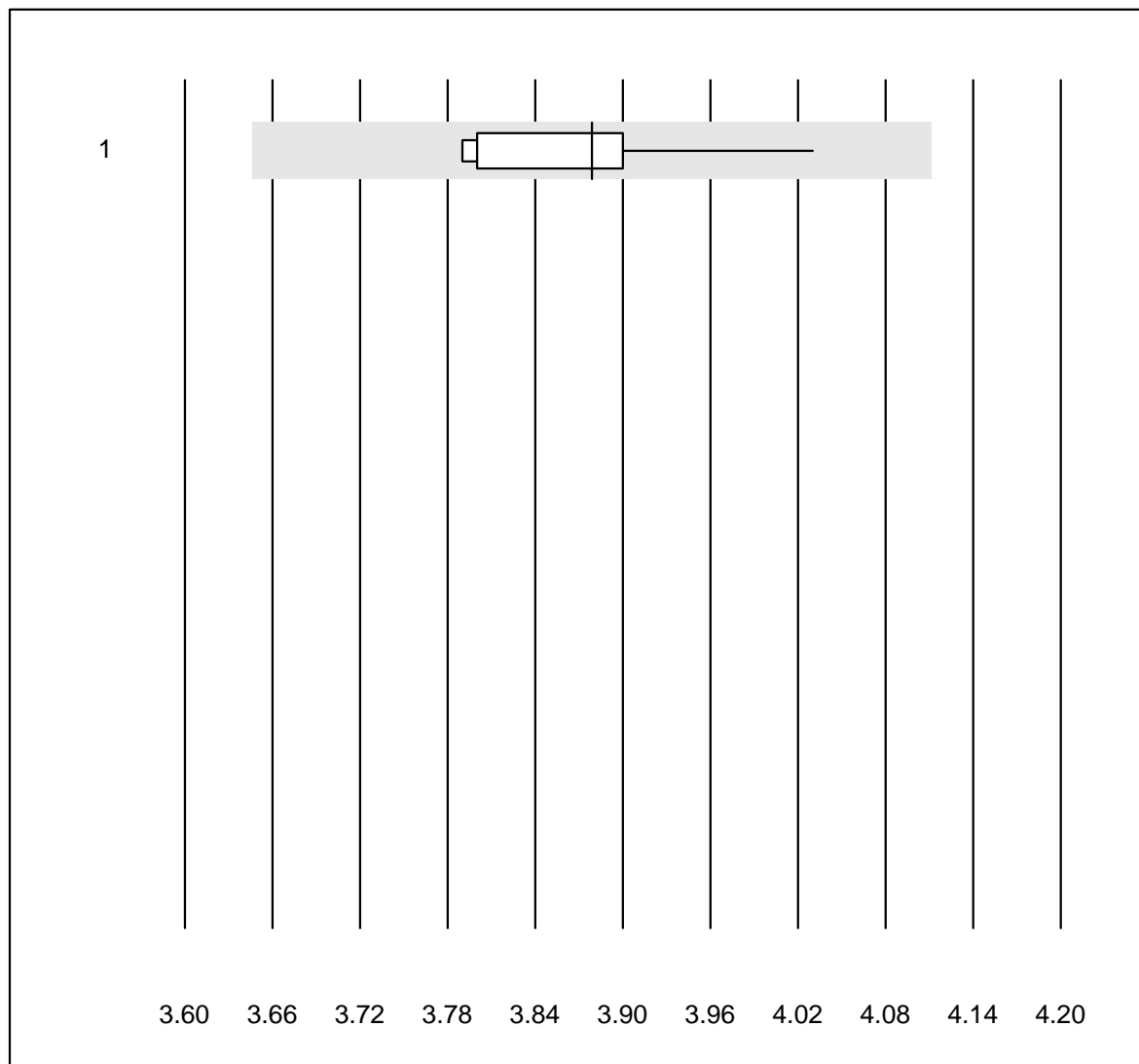


QUALAB tolerance : 6 %

Osmolality (mosm/kg)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Cryoscopy	14	100.0	0.0	0.0	417	2.5	e

Potassium-K22

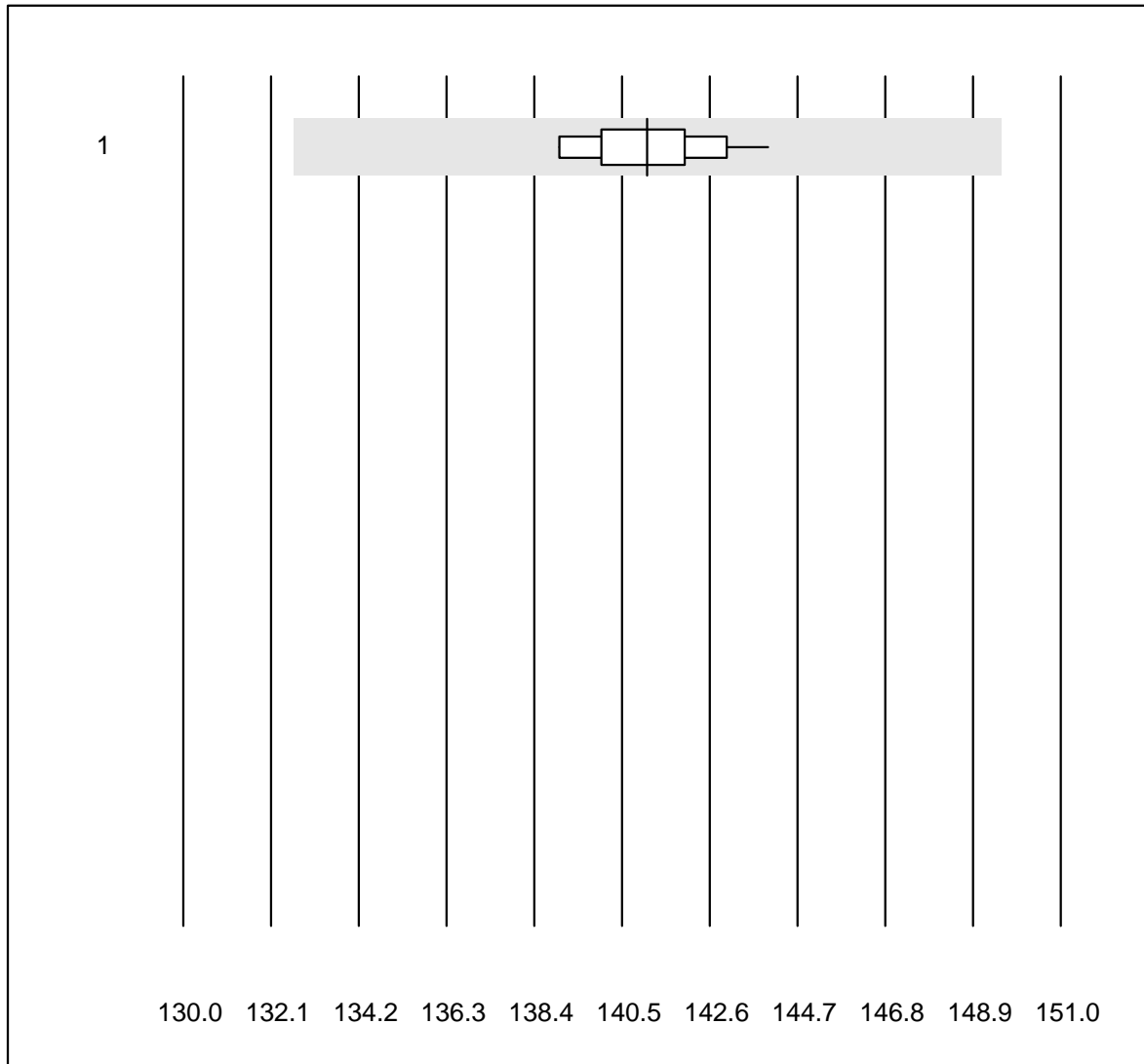


QUALAB tolerance : 6 %

Potassium-K22 (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ISE	10	100.0	0.0	0.0	3.9	1.8	e

Sodium-K22

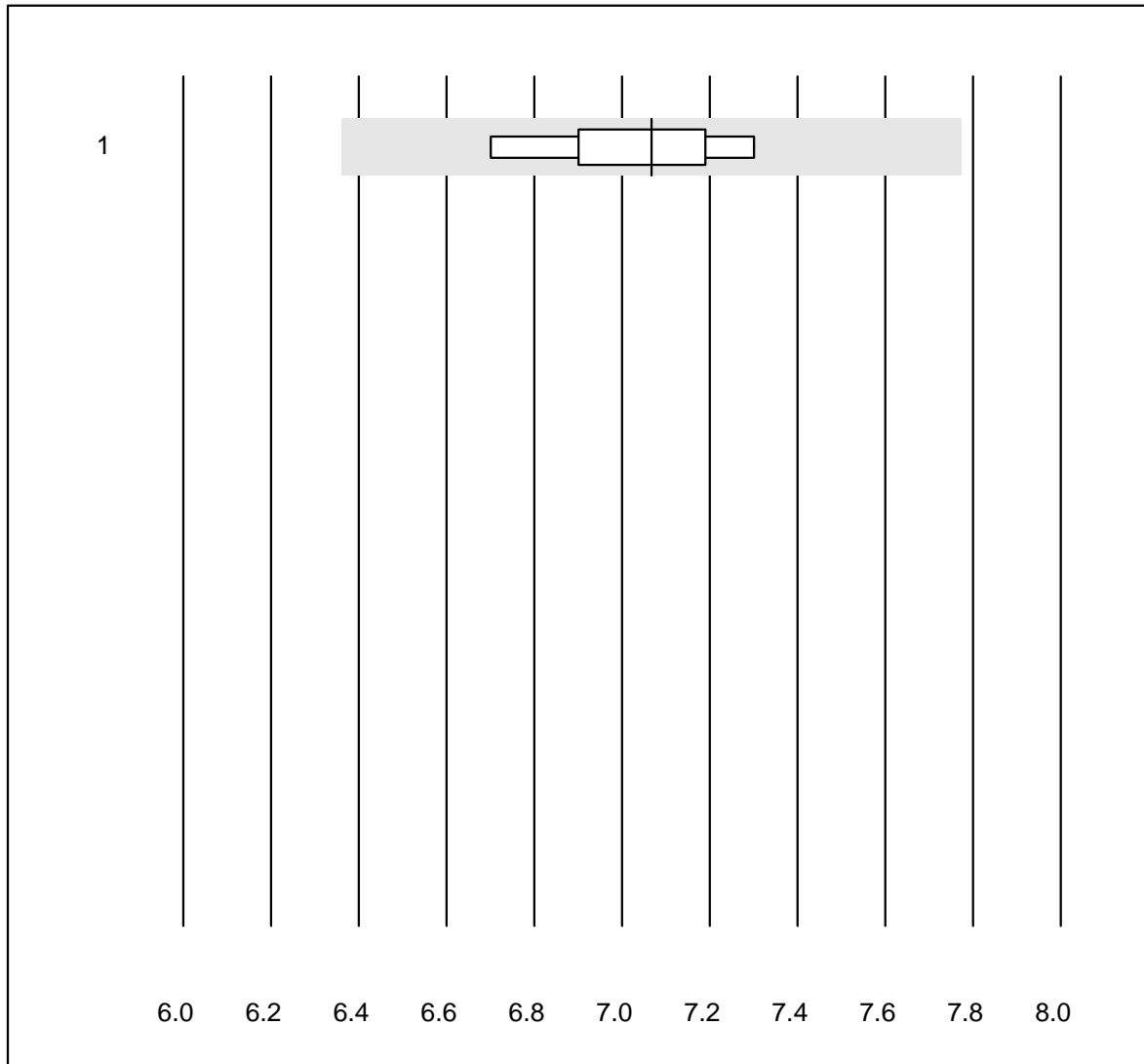


QUALAB tolerance : 6 %

Sodium-K22 (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ISE	10	100.0	0.0	0.0	141	1.1	e

Glucose-K22

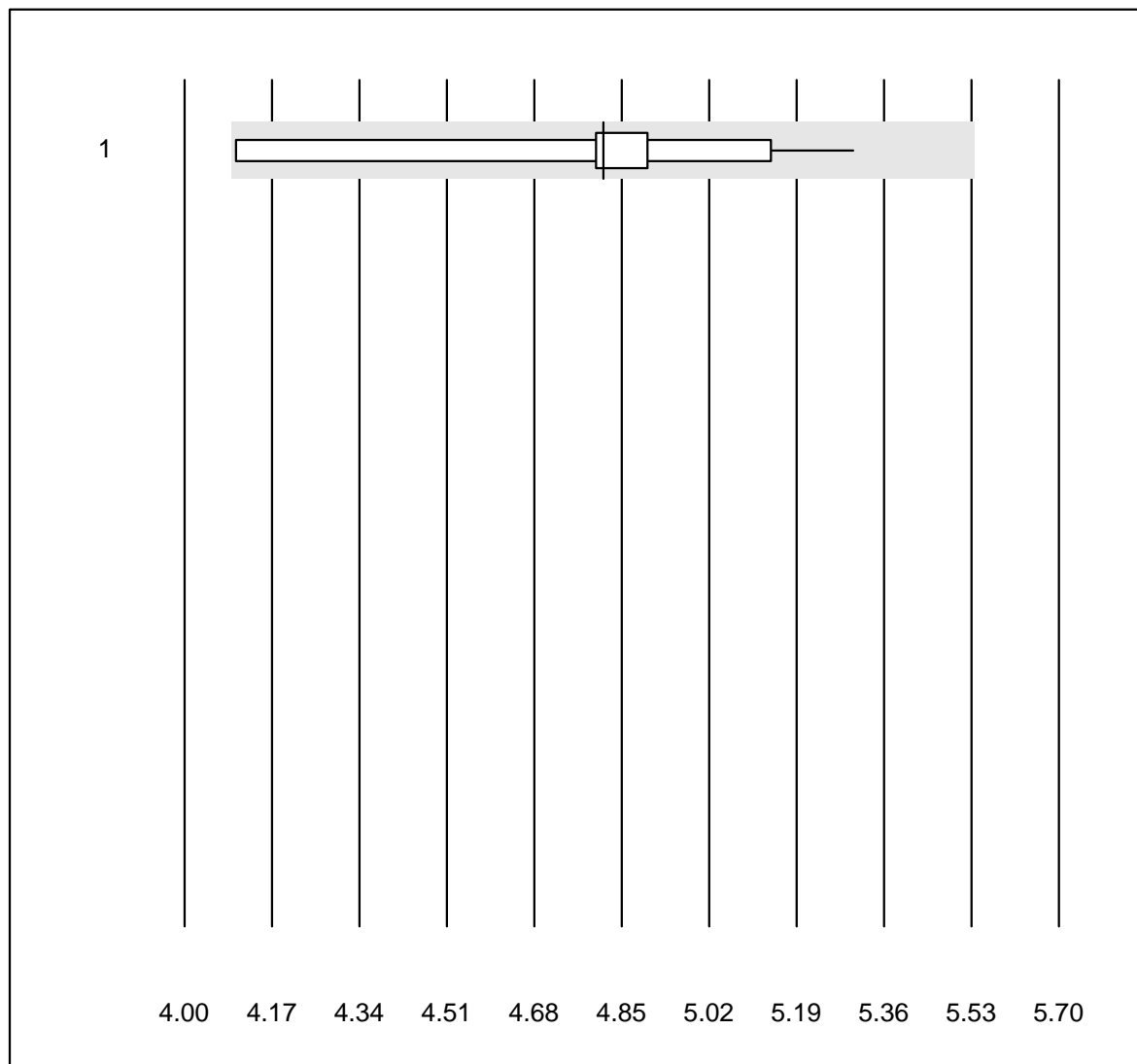


QUALAB tolerance : 10 %

Glucose-K22 (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Standard chemistry	10	100.0	0.0	0.0	7.1	2.7	e

Urea-K22

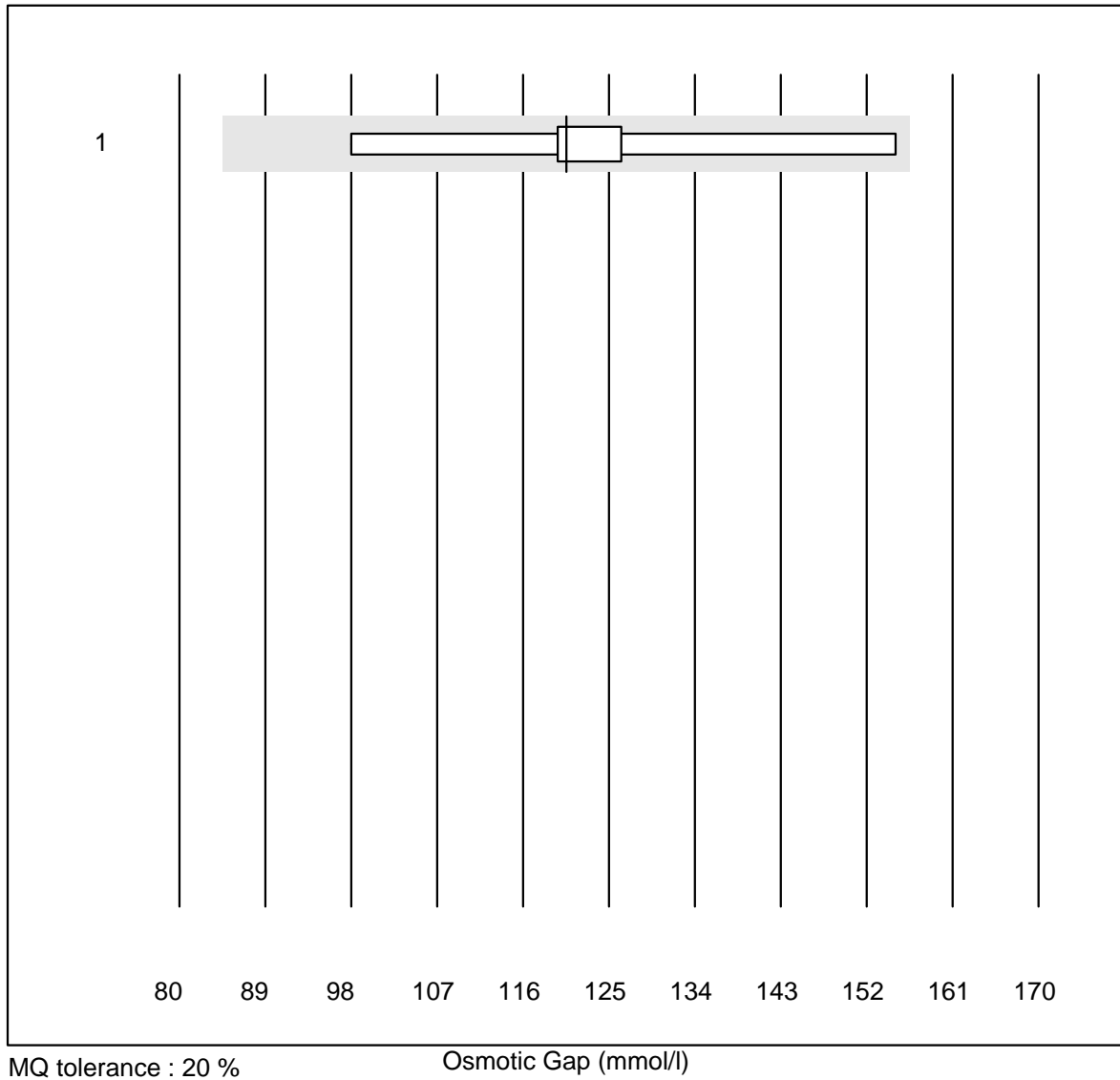


QUALAB tolerance : 15 %

Urea-K22 (mmol/l)

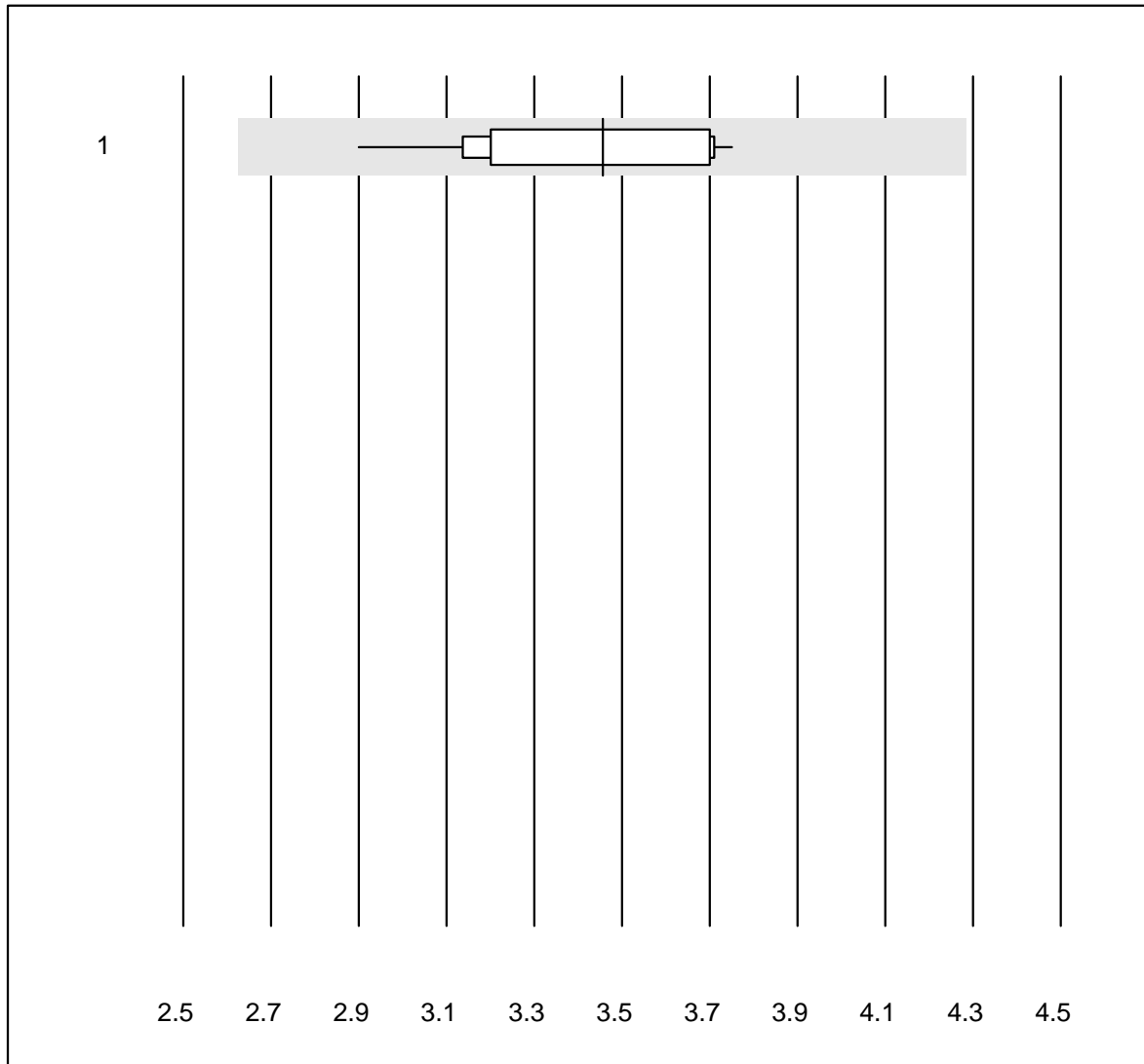
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	10	100.0	0.0	0.0	4.8	6.6	e*

Osmotic Gap



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Formel 1 (2Na+K+Glu+	9	100.0	0.0	0.0	120.5	13.5	a

Digoxin

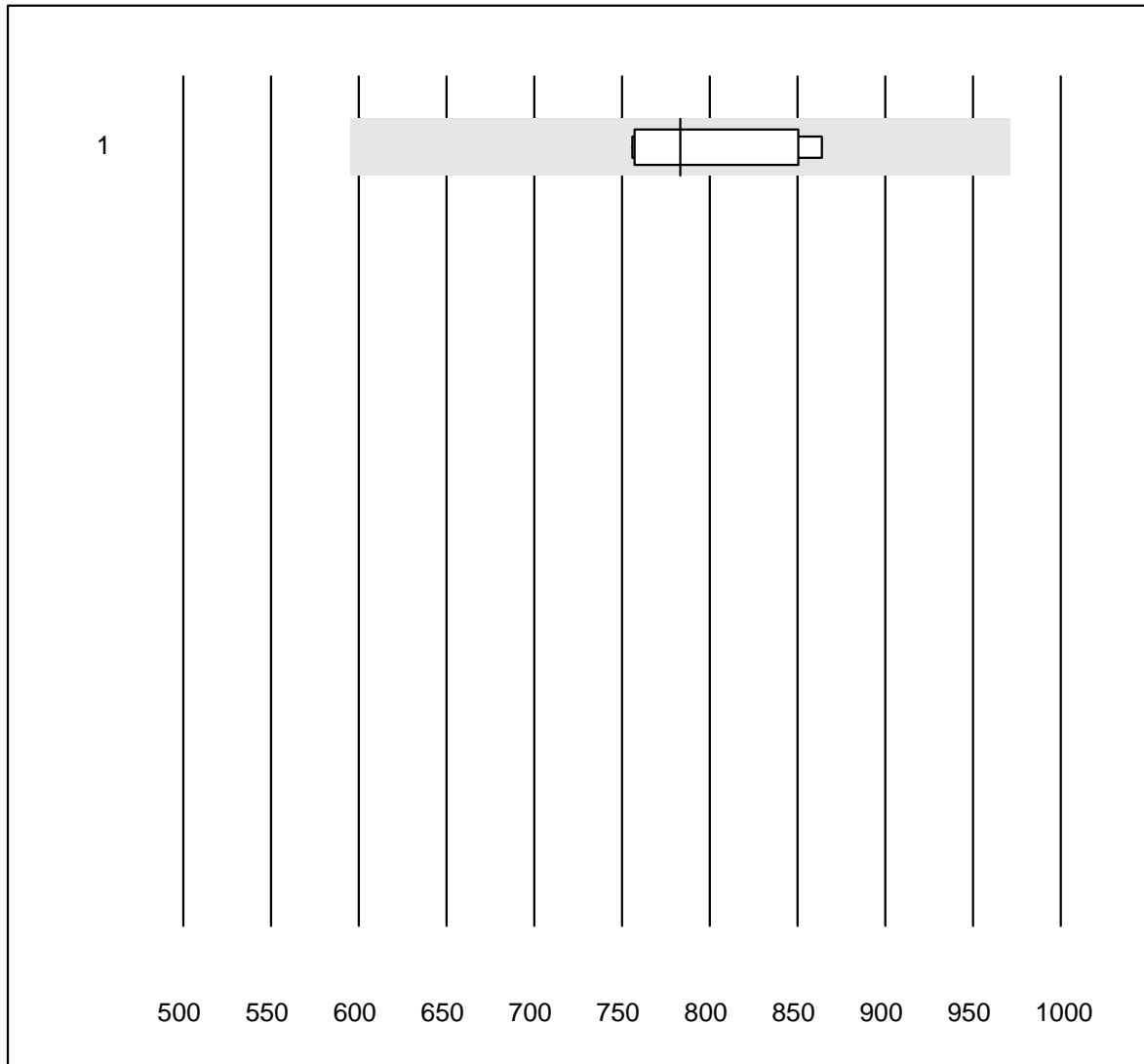


QUALAB tolerance : 24 %

Digoxin (nmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Other methods	12	100.0	0.0	0.0	3.46	7.7	e

Valproat

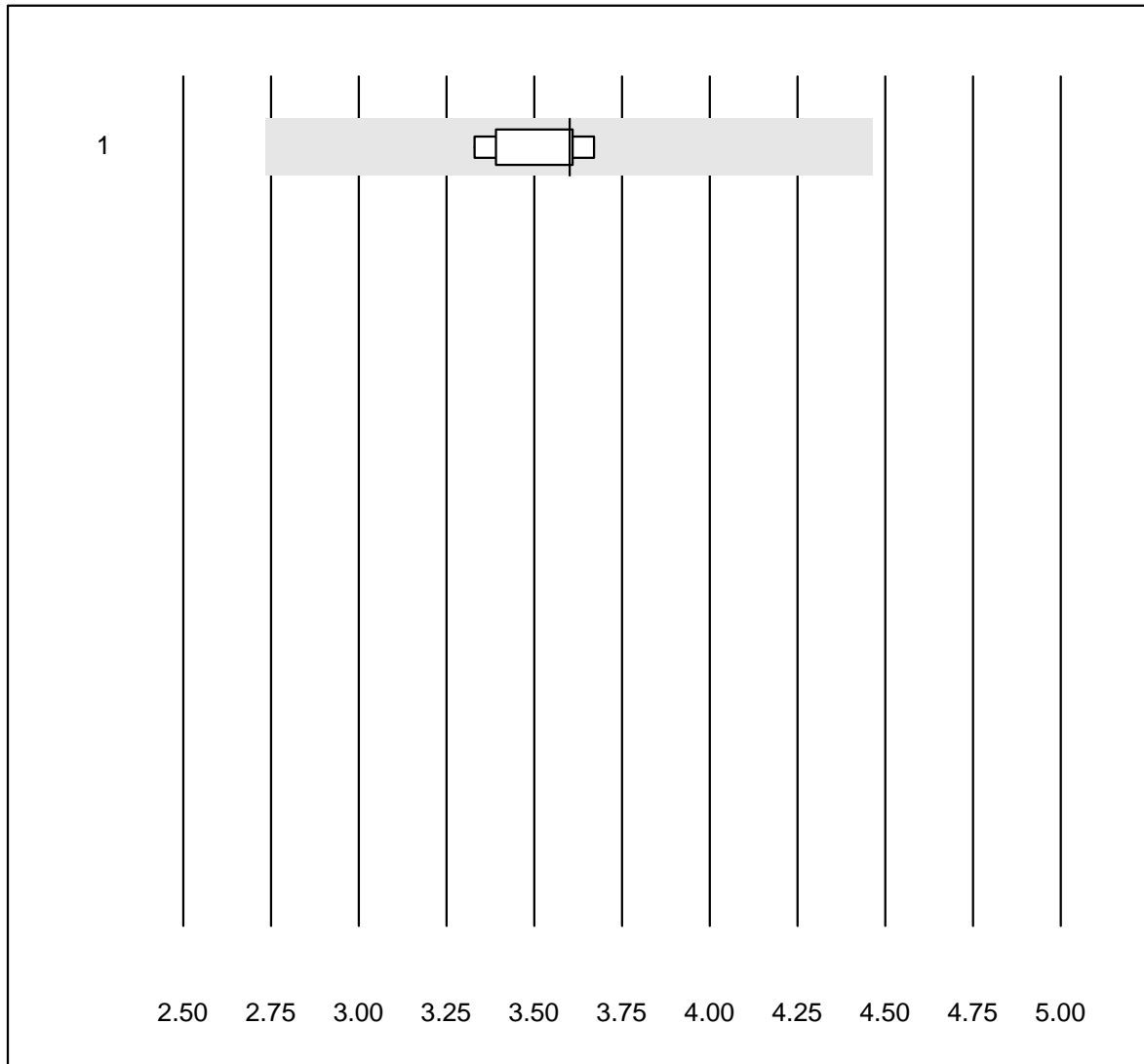


MQ tolerance : 24 %

Valproat (µmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	6	100.0	0.0	0.0	783.4	6.1	e

Cystatin C

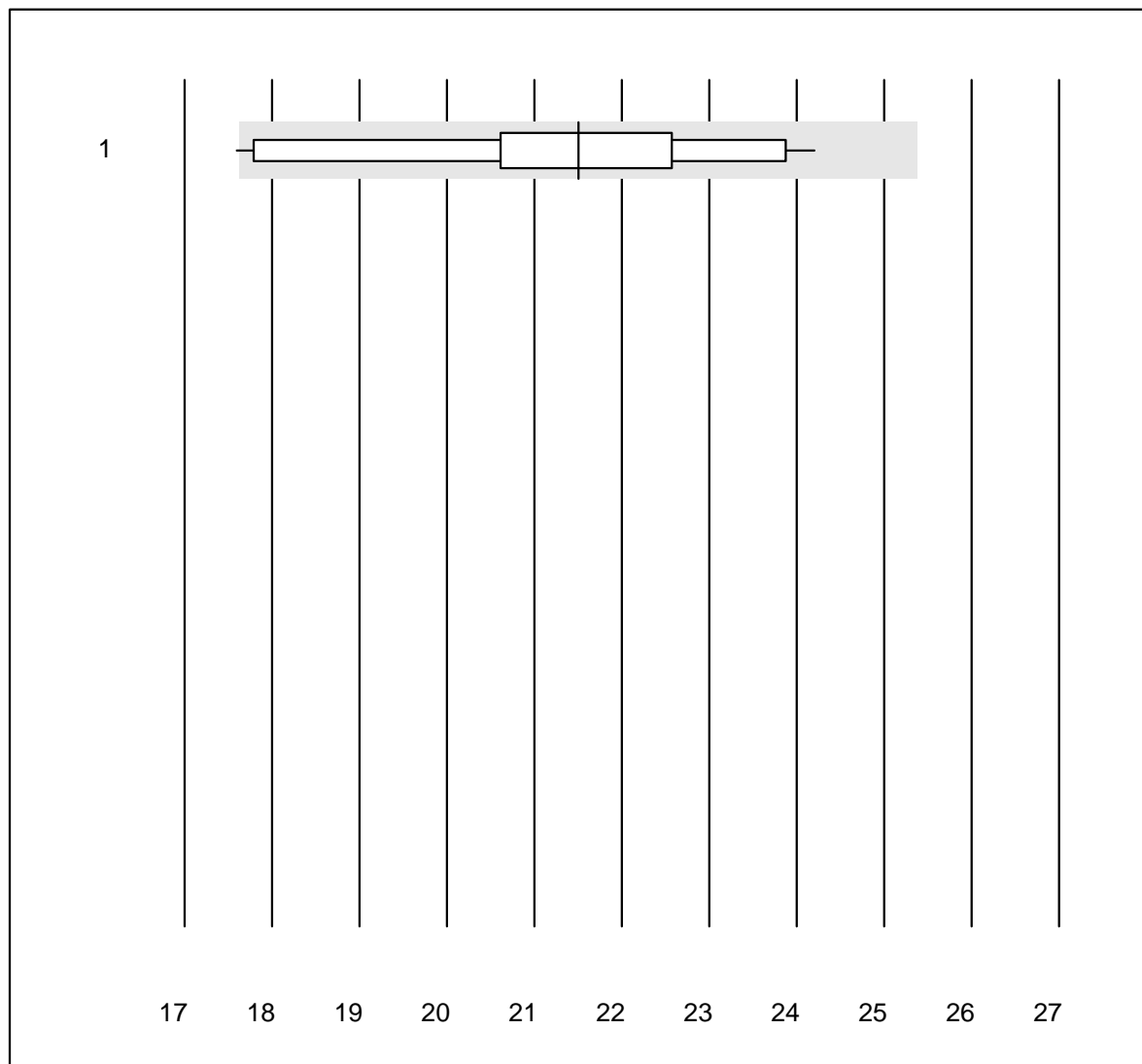


MQ tolerance : 24 %

Cystatin C (mg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	9	100.0	0.0	0.0	3.6	3.8	e

Ethanol

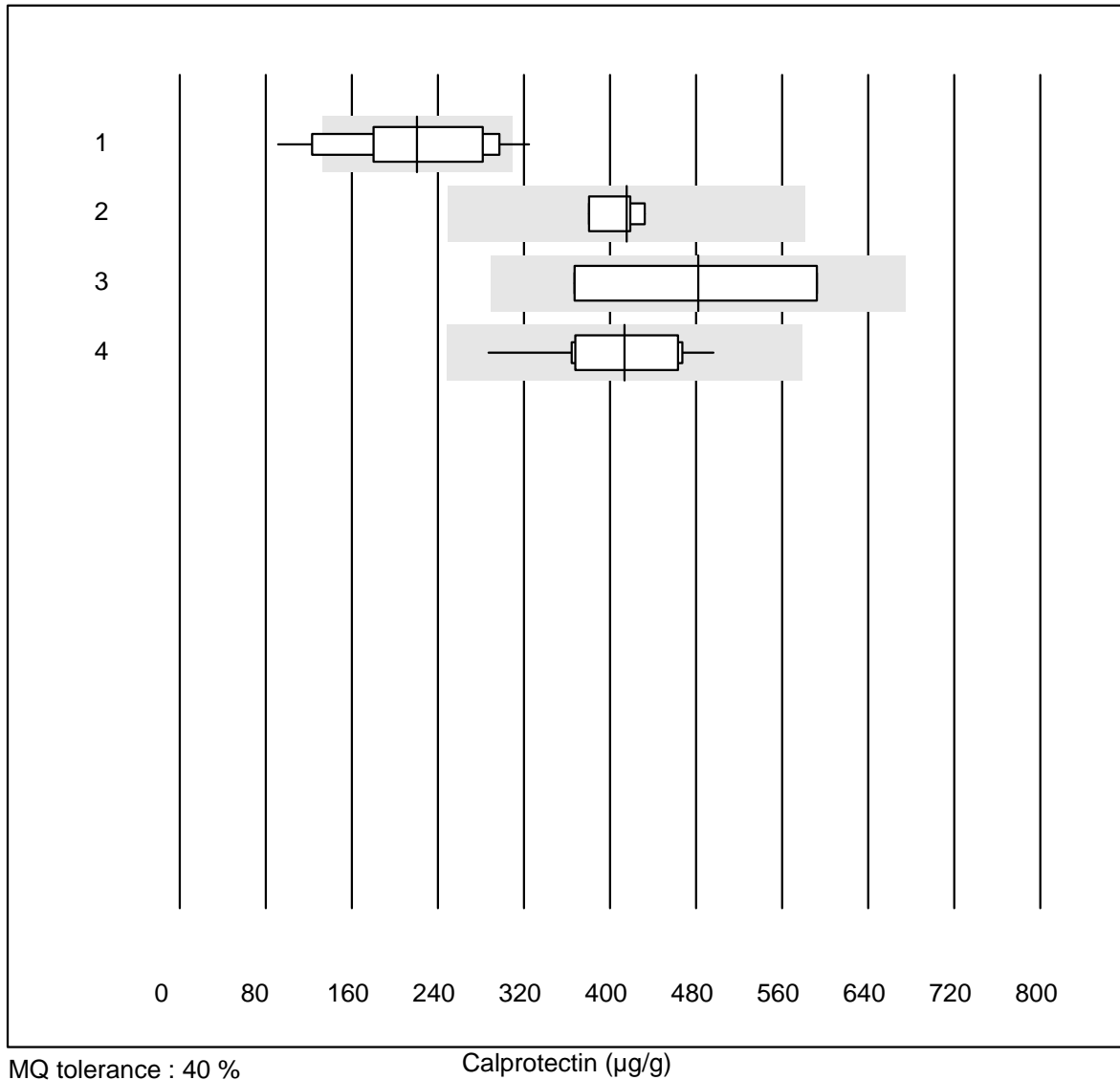


QUALAB tolerance : 18 %

Ethanol (mmol/l)

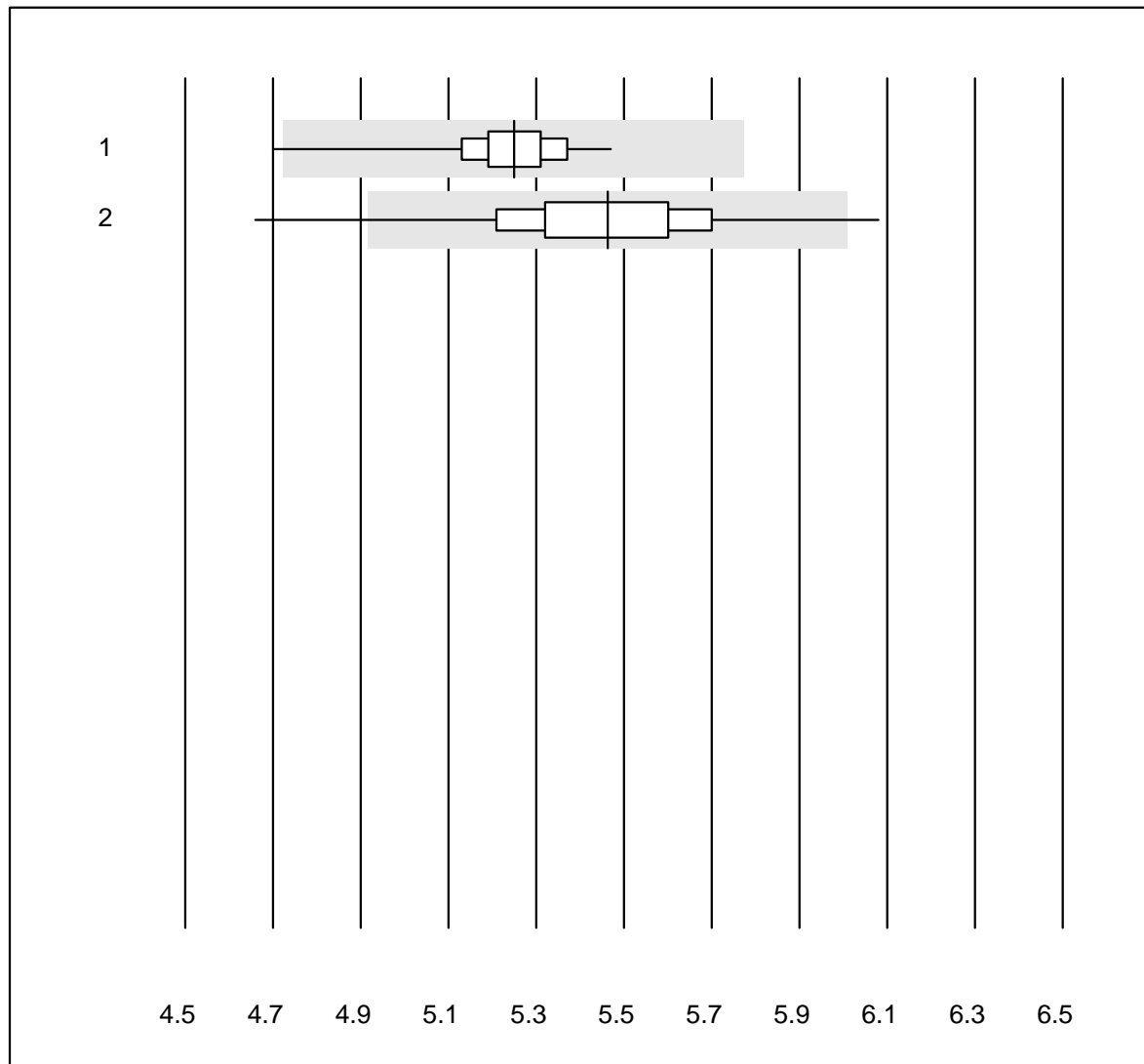
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1 all Participants	19	94.7	5.3	0.0	21.5	8.2	e

Calprotectin



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Liaison	20	75.0	15.0	10.0	221	29.0	a
2	Bühlmann fCALturbo	4	100.0	0.0	0.0	416	5.3	e
3	Other methods	5	60.0	0.0	40.0	482	23.5	a
4	Bühlmann	16	93.7	0.0	6.3	414	13.2	e

Cholesterol total Af/b101

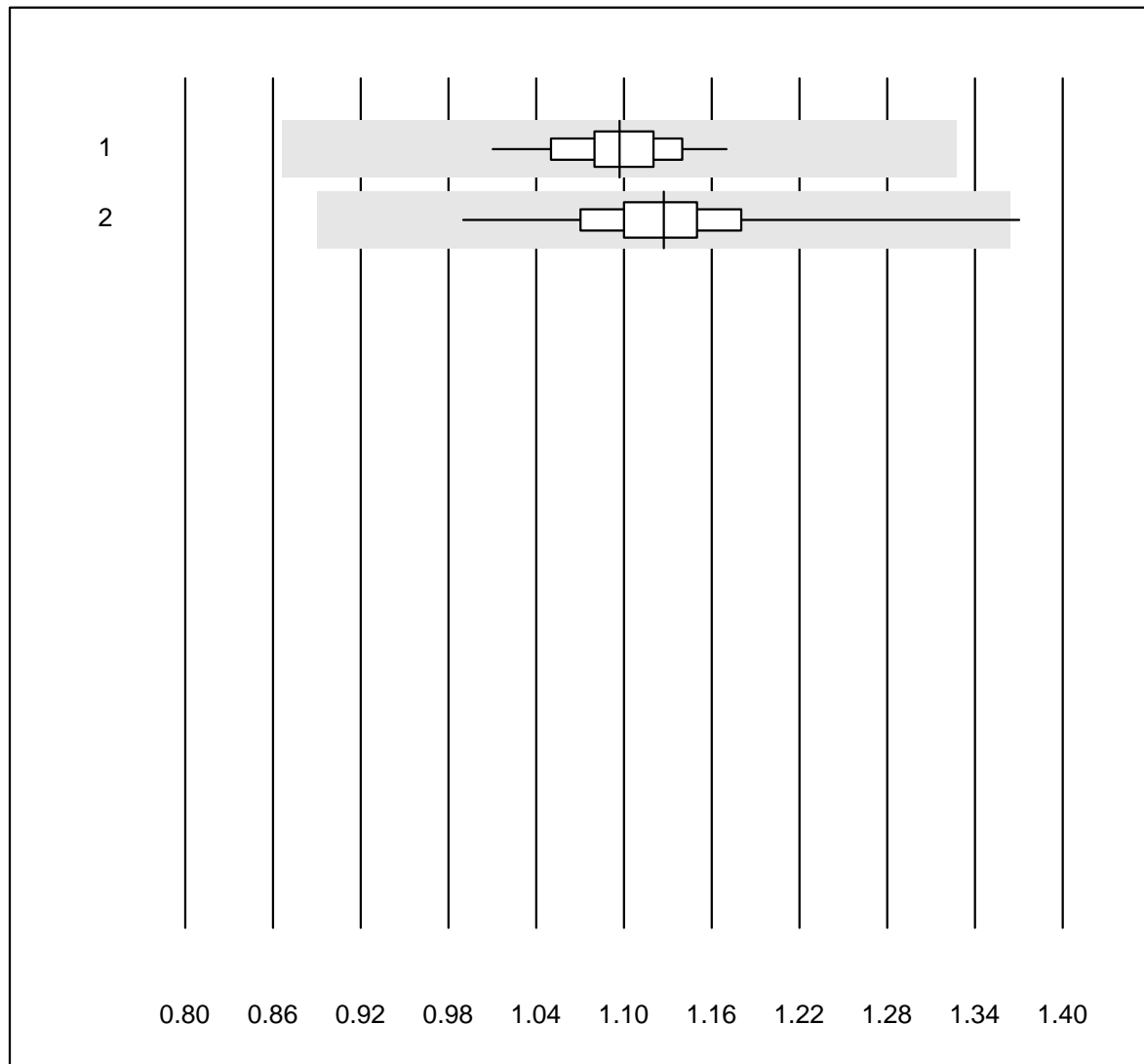


QUALAB tolerance : 10 %

Cholesterol total Af/b101 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	90	96.7	1.1	2.2	5.25	2.1	e
2	Afinion	427	99.1	0.7	0.2	5.46	3.5	e

Cholesterol HDL Af/b101

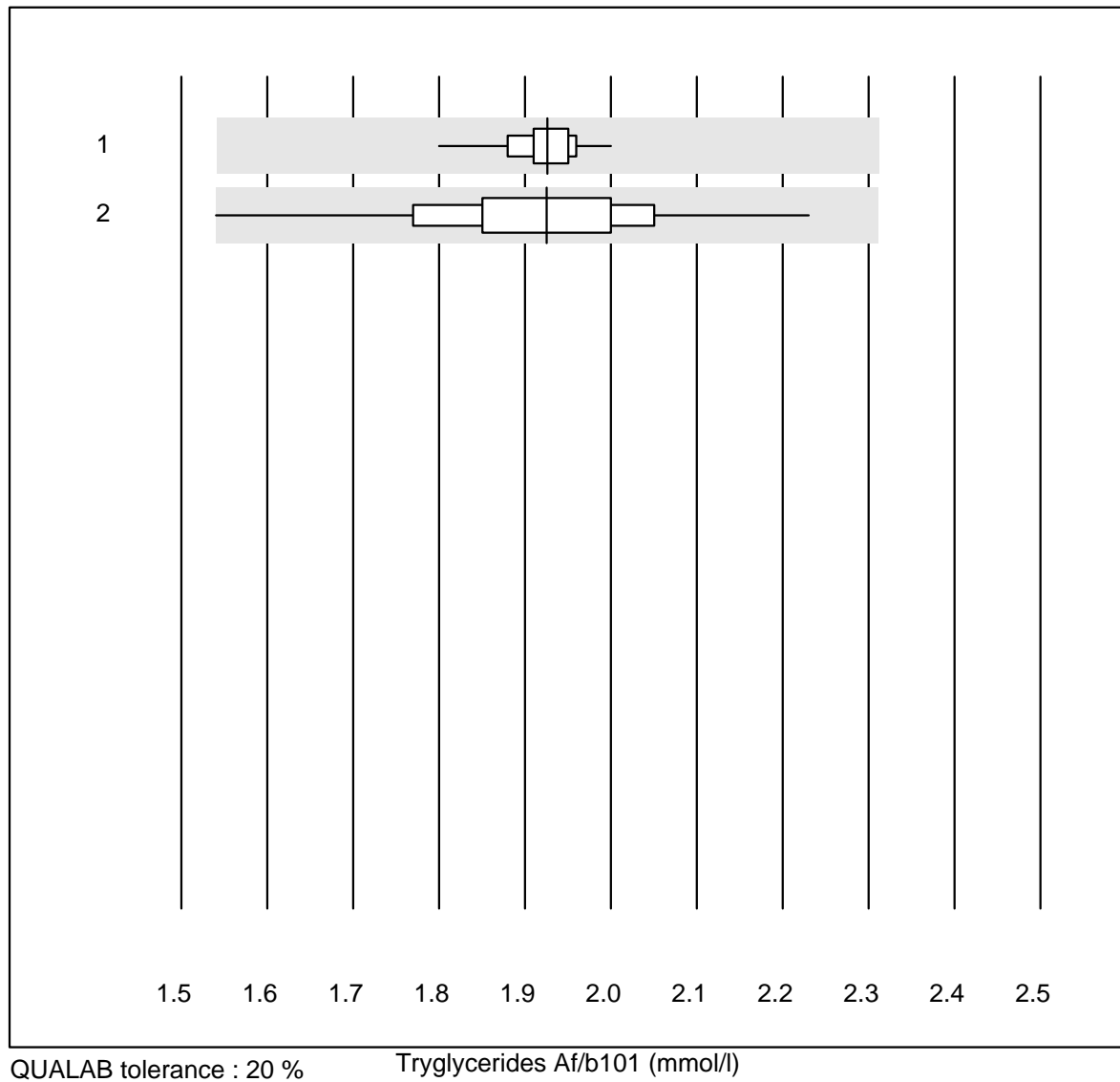


QUALAB tolerance : 21 %

Cholesterol HDL Af/b101 (mmol/l)

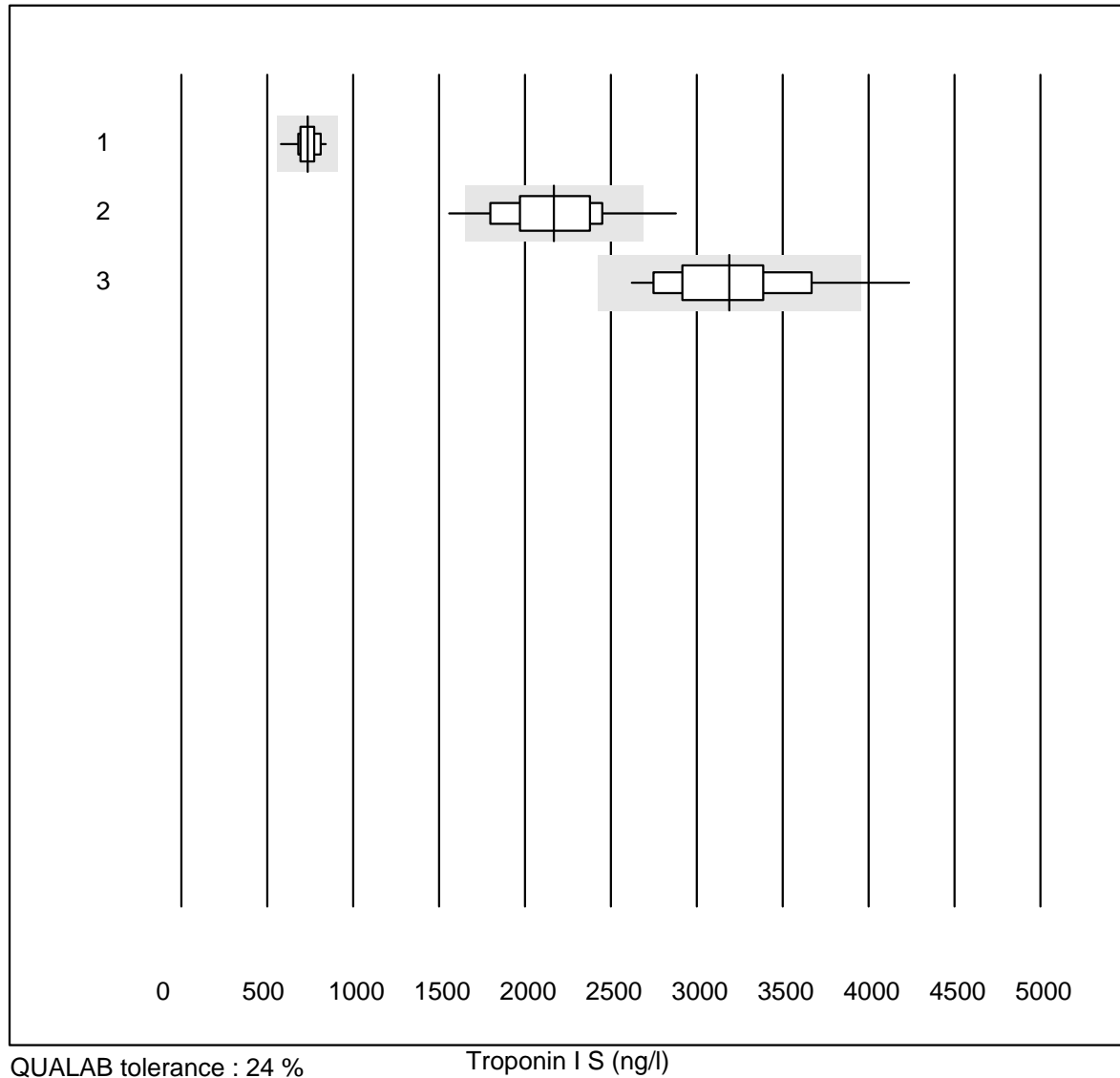
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	90	95.6	0.0	4.4	1.10	2.8	e
2	Afinion	426	94.9	0.2	4.9	1.13	4.0	e

Tryglicerides Af/b101



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	88	96.6	0.0	3.4	1.93	1.7	e
2	Afinion	427	99.8	0.2	0.0	1.93	5.5	e

Troponin I S

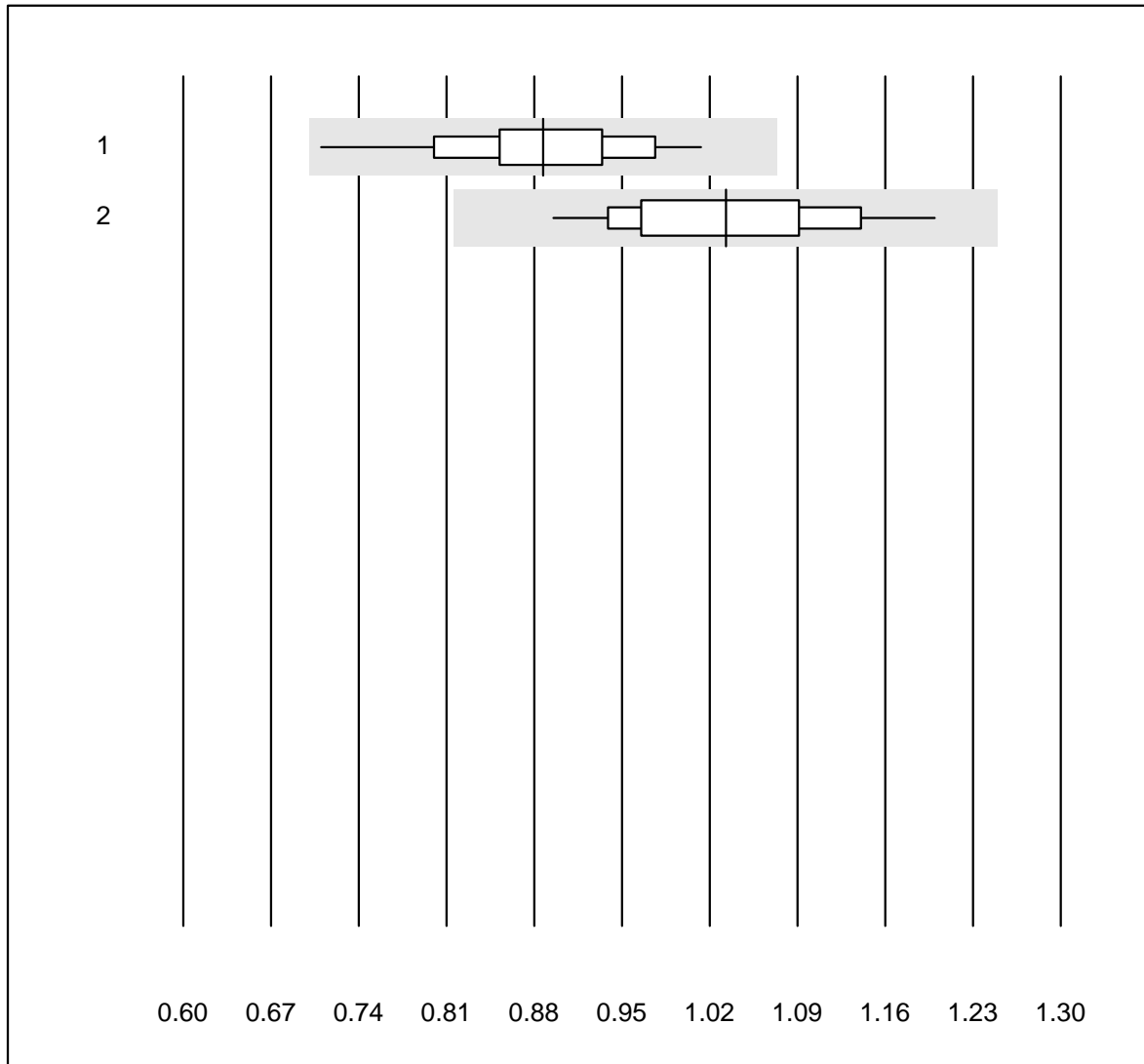


QUALAB tolerance : 24 %

Troponin I S (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AFIAS (Gen. 1)	16	93.7	0.0	6.3	735.80	8.3	e
2	Samsung LABGEO IB10	24	87.5	12.5	0.0	2170.00	14.9	e*
3	AFIAS	66	94.0	3.0	3.0	3190.40	11.8	e

D-dimer qn S

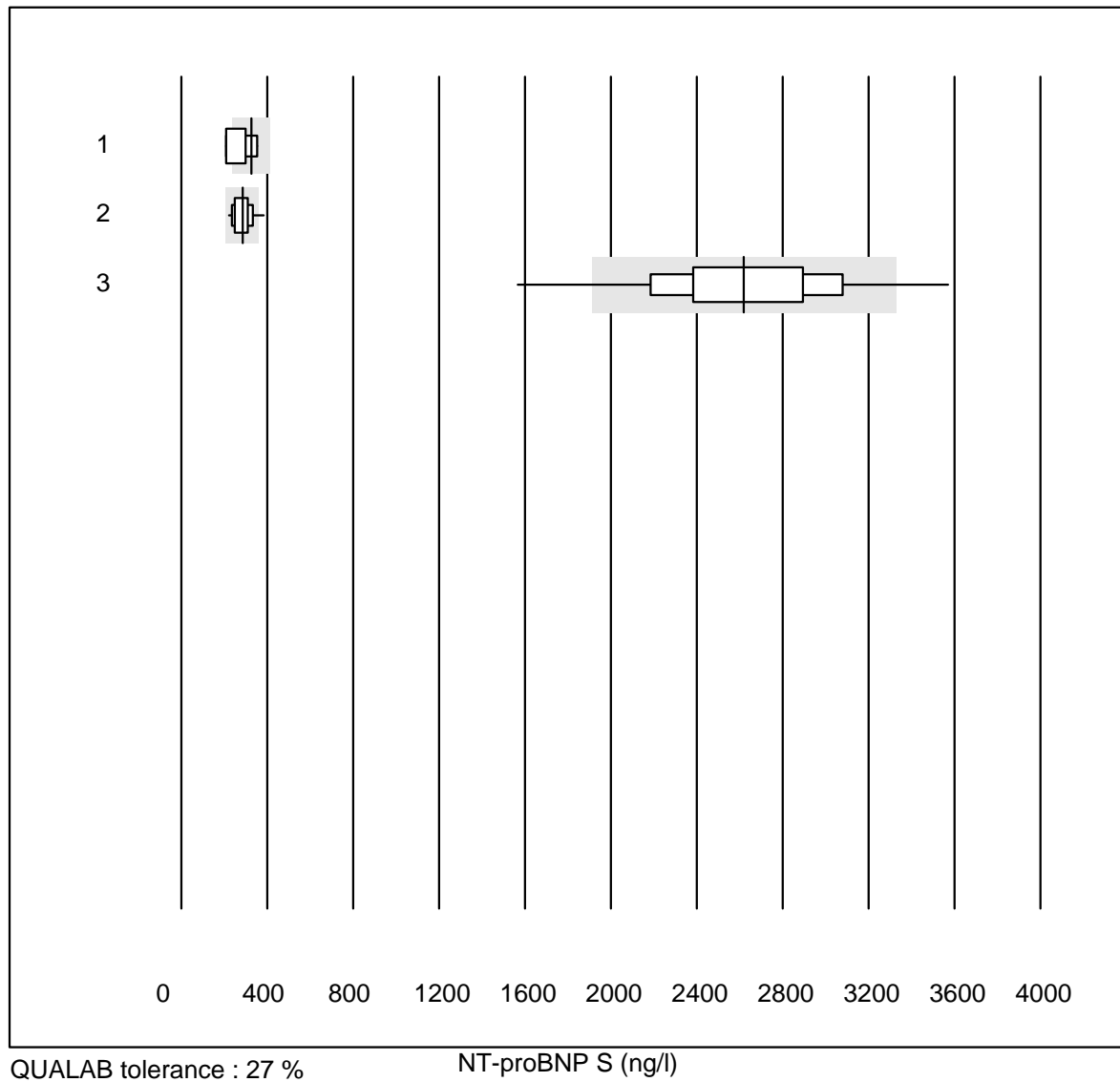


QUALAB tolerance : 21 %

D-dimer qn S (mg/l)

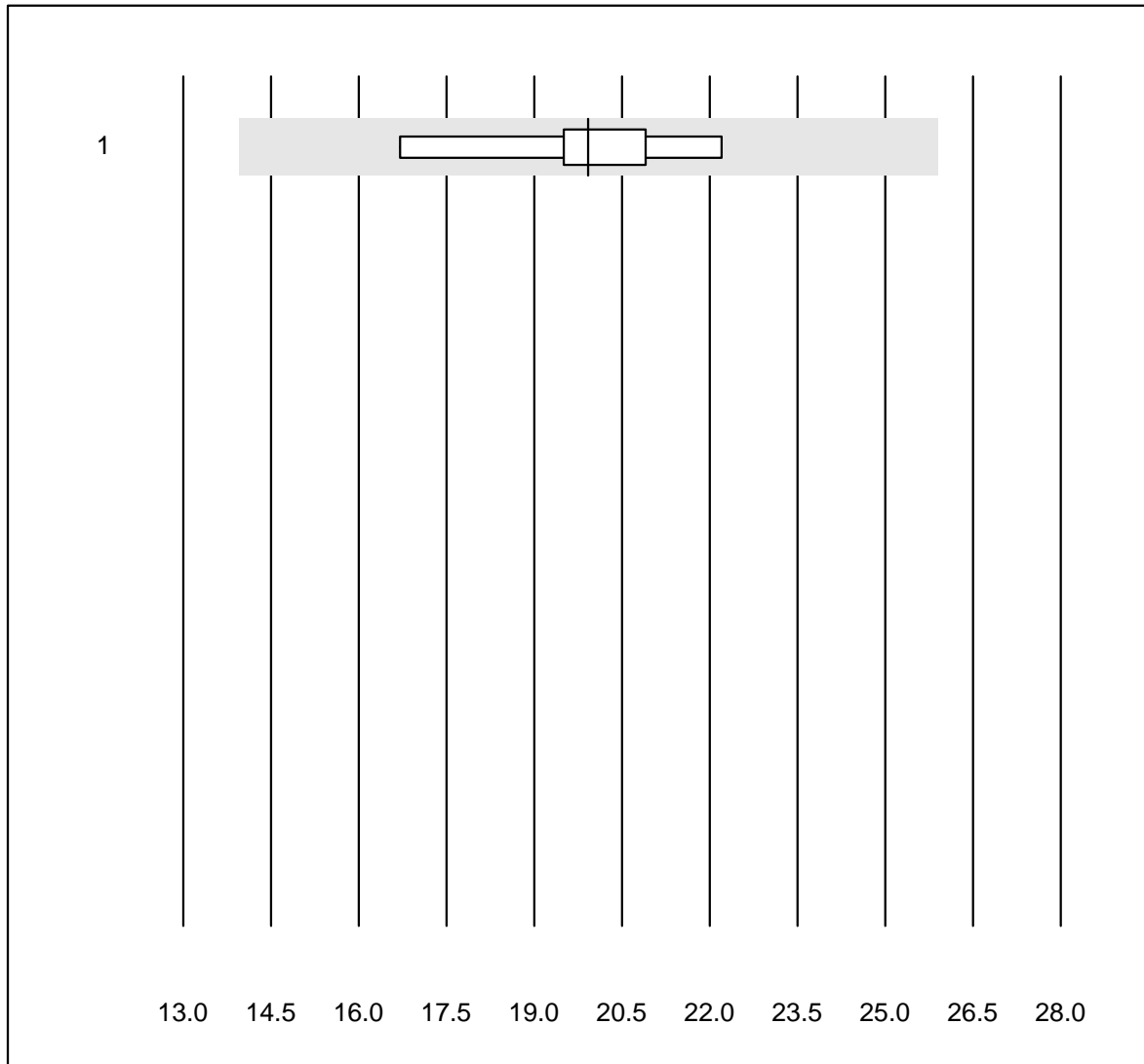
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	30	100.0	0.0	0.0	0.89	7.5	e
2	AFIAS	85	95.3	0.0	4.7	1.03	7.4	e

NT-proBNP S



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 AFIAS (Gen. 1)	8	25.0	25.0	50.0	325.5	25.4	e*
2 Samsung LABGEO IB10	22	95.5	4.5	0.0	284.4	14.4	e
3 AFIAS	59	93.2	3.4	3.4	2619.7	13.5	e

Homocystein

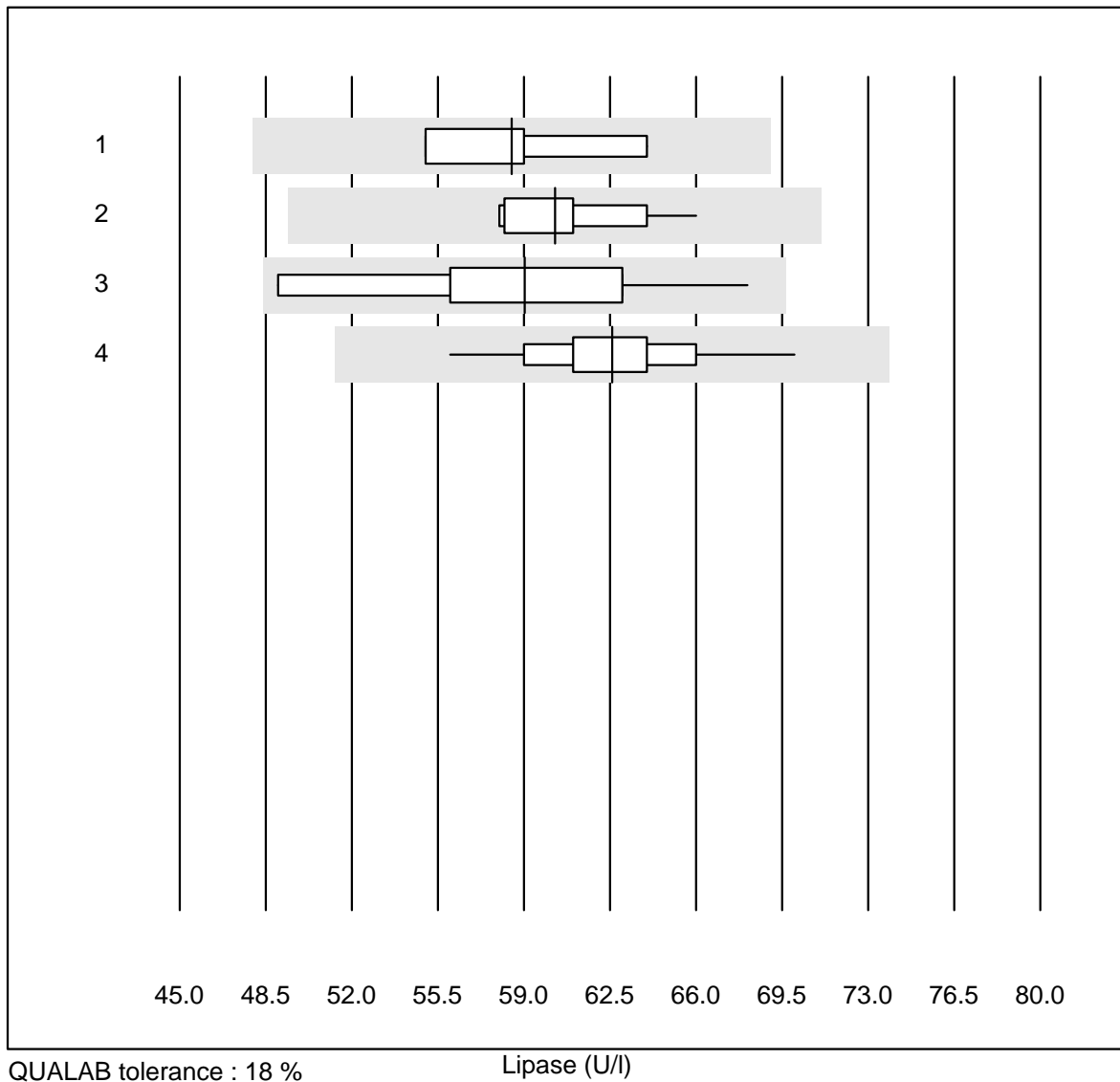


MQ tolerance : 30 %

Homocystein (µmol/l)

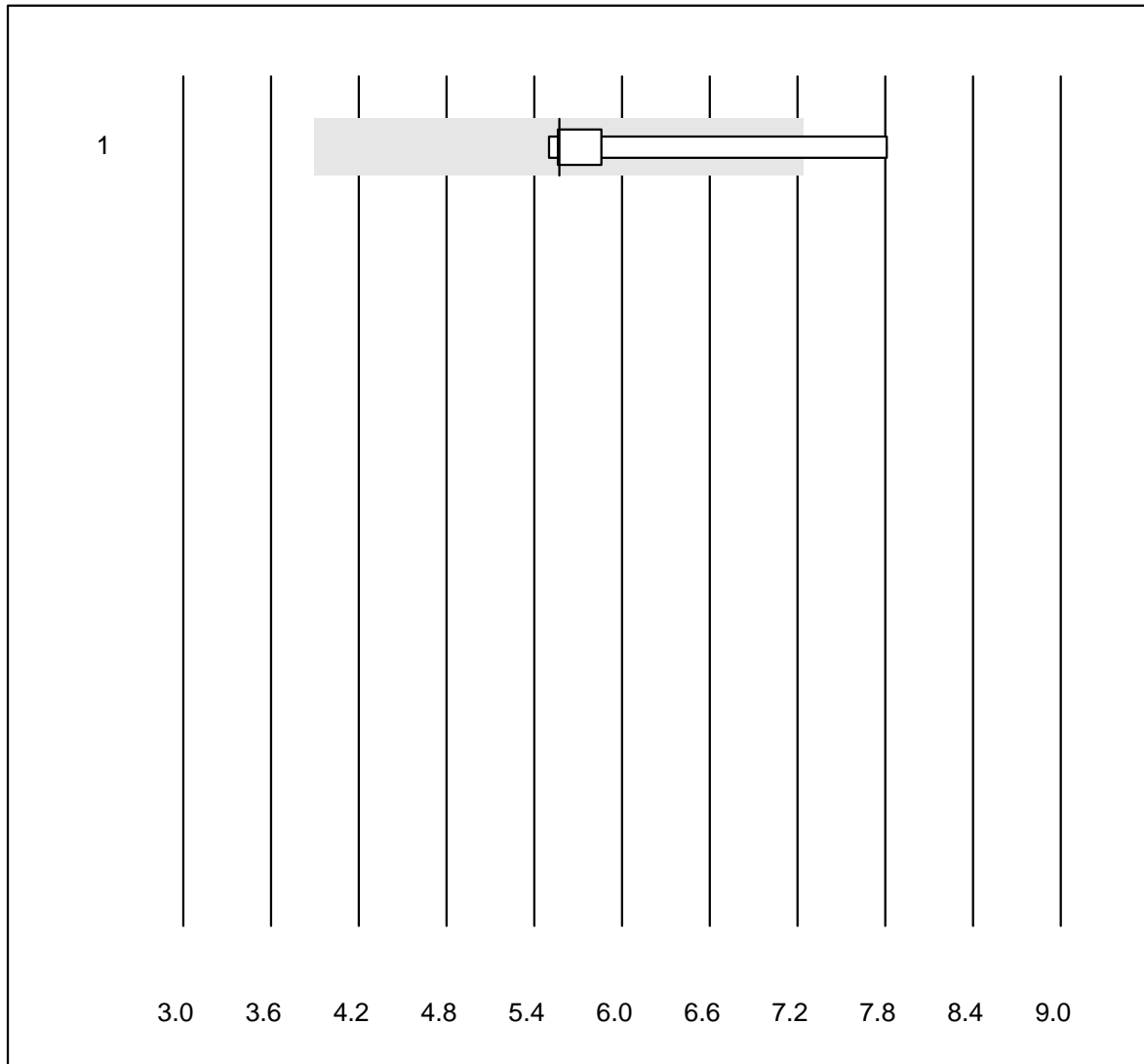
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	19.9	10.3	e*

Lipase



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	58.5	6.3	e*
2	Beckman	11	100.0	0.0	0.0	60.3	4.3	e
3	Cobas	10	100.0	0.0	0.0	59.0	9.6	e*
4	Fuji Dri-Chem	125	100.0	0.0	0.0	62.6	4.2	e

Cholinesterase

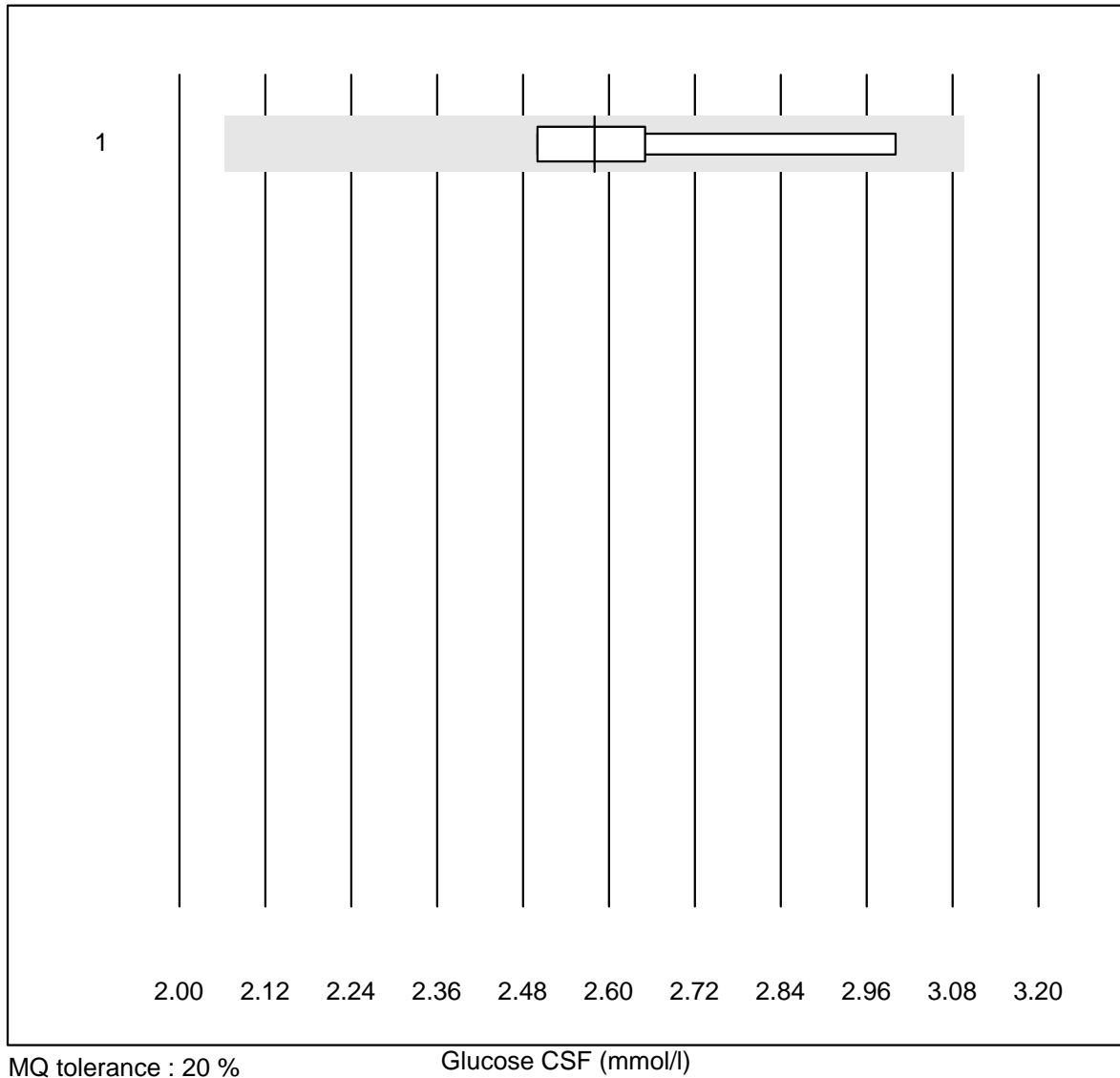


MQ tolerance : 30 %

Cholinesterase (kU/L)

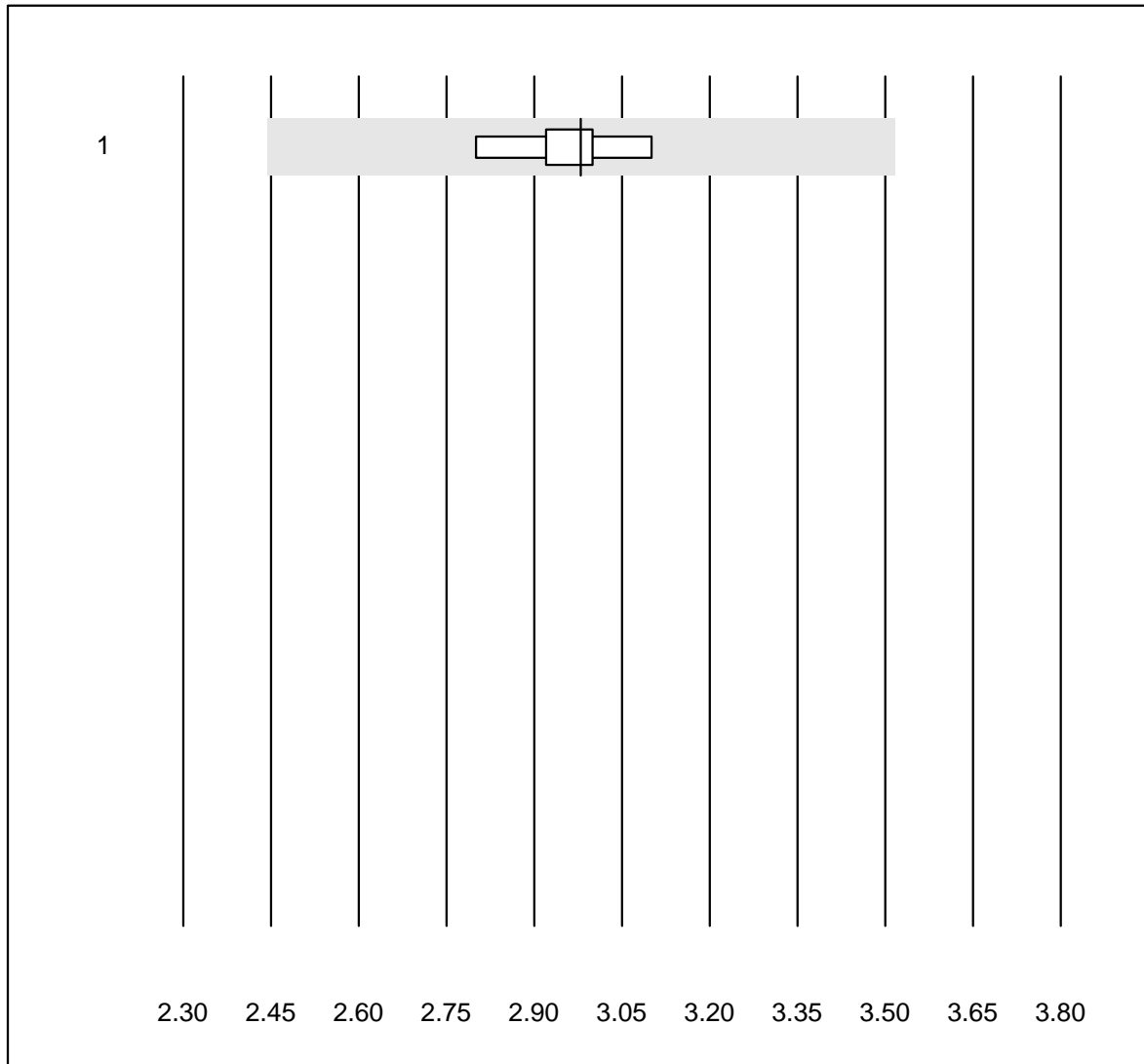
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	80.0	20.0	0.0	5.6	16.3	e*

Glucose CSF



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	6	100.0	0.0	0.0	2.58	7.1	e*

Lactate CSF

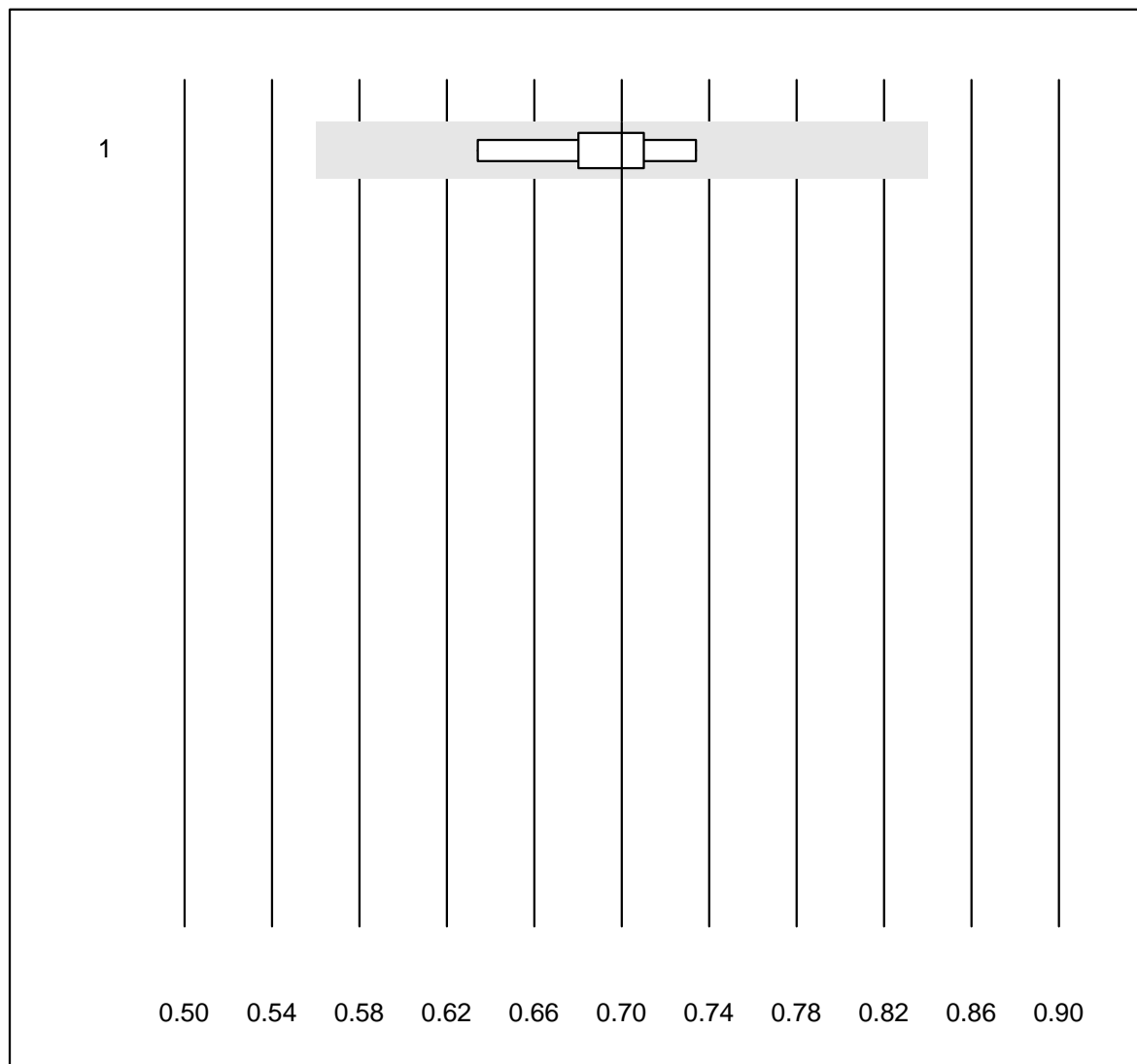


QUALAB tolerance : 18 %

Lactate CSF (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Other methods	5	100.0	0.0	0.0	2.98	3.7	e

Protein CSF

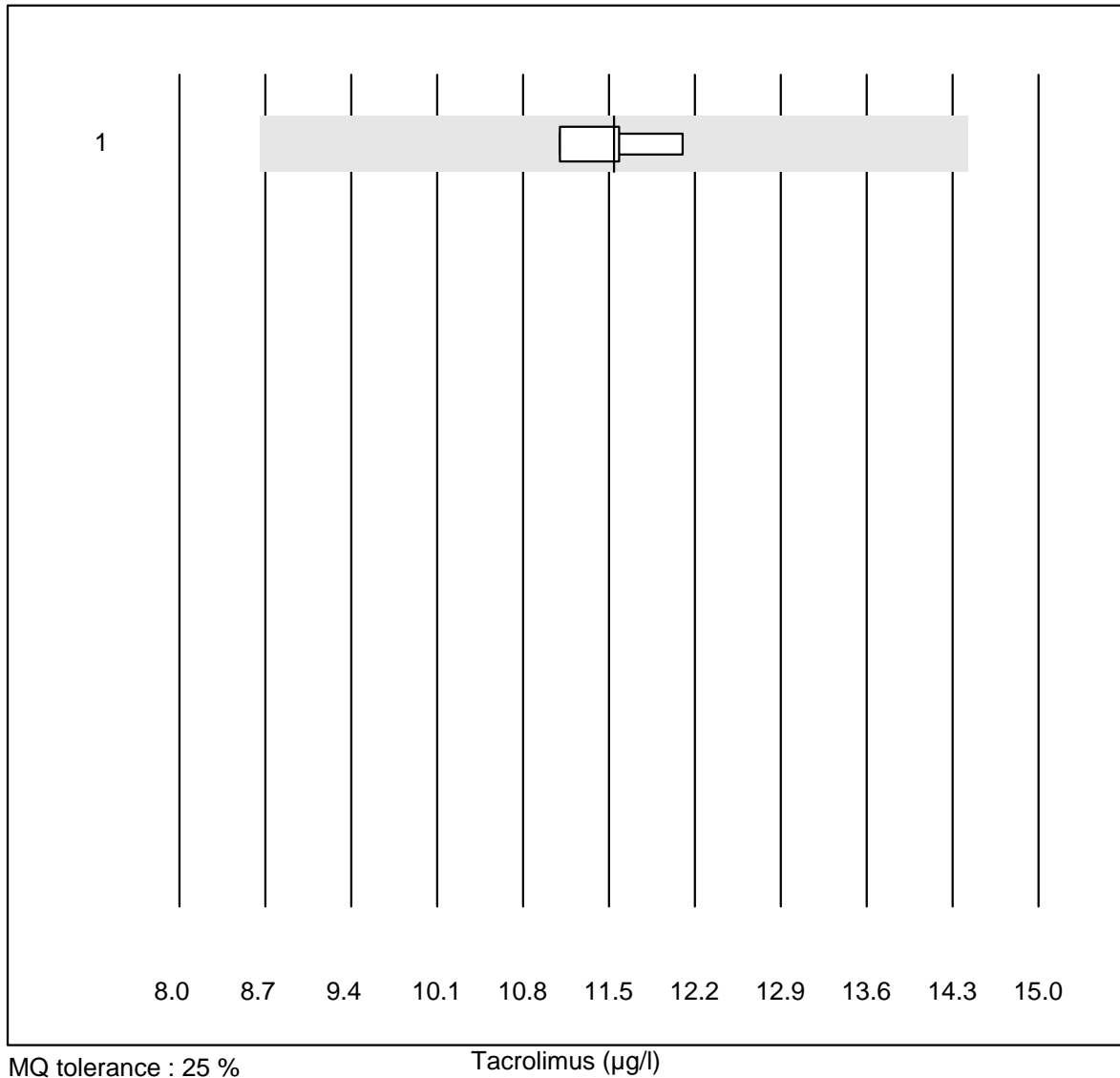


MQ tolerance : 20 %

Protein CSF (g/l)

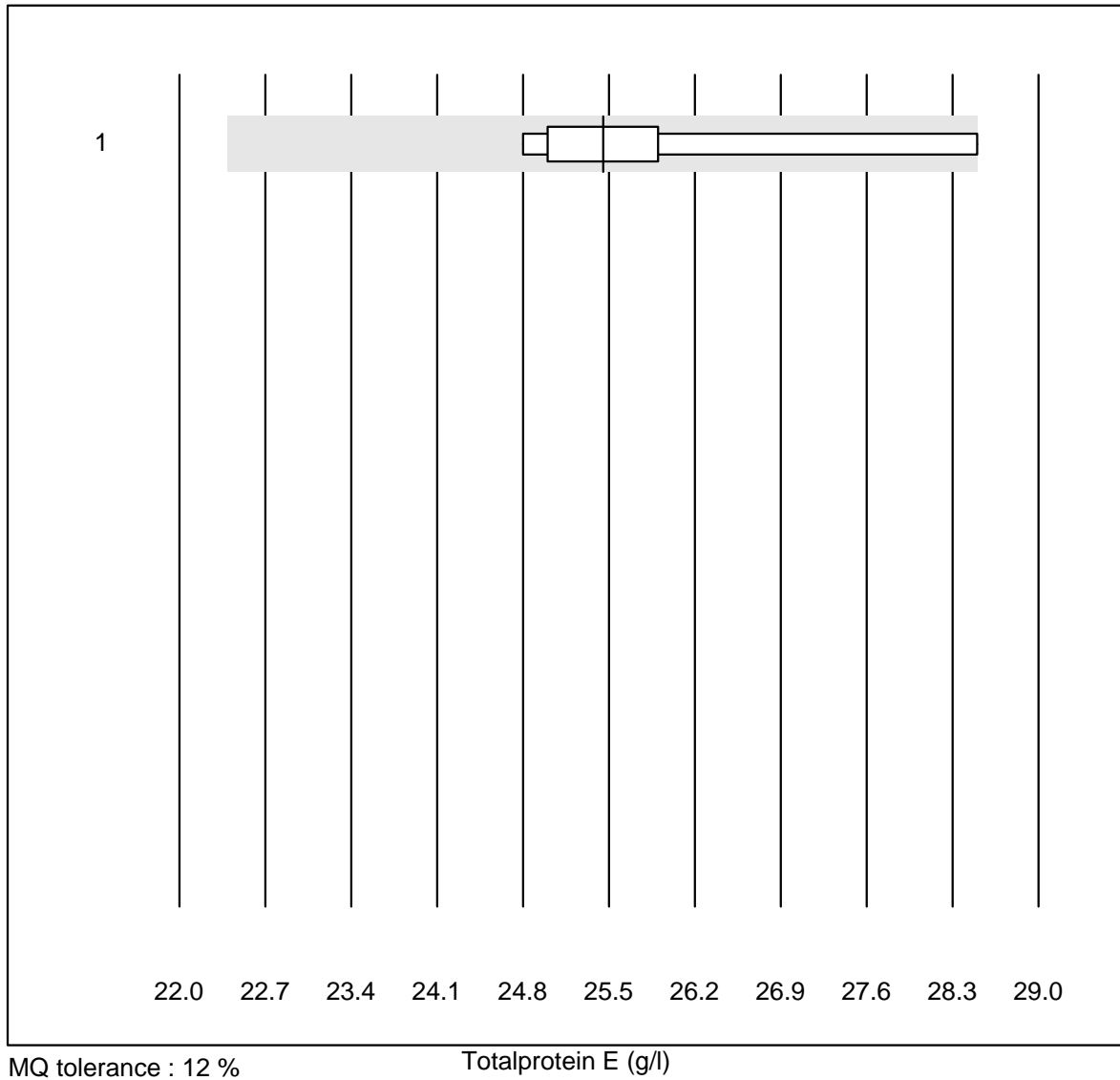
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	5	100.0	0.0	0.0	0.70	5.4	e*

Tacrolimus



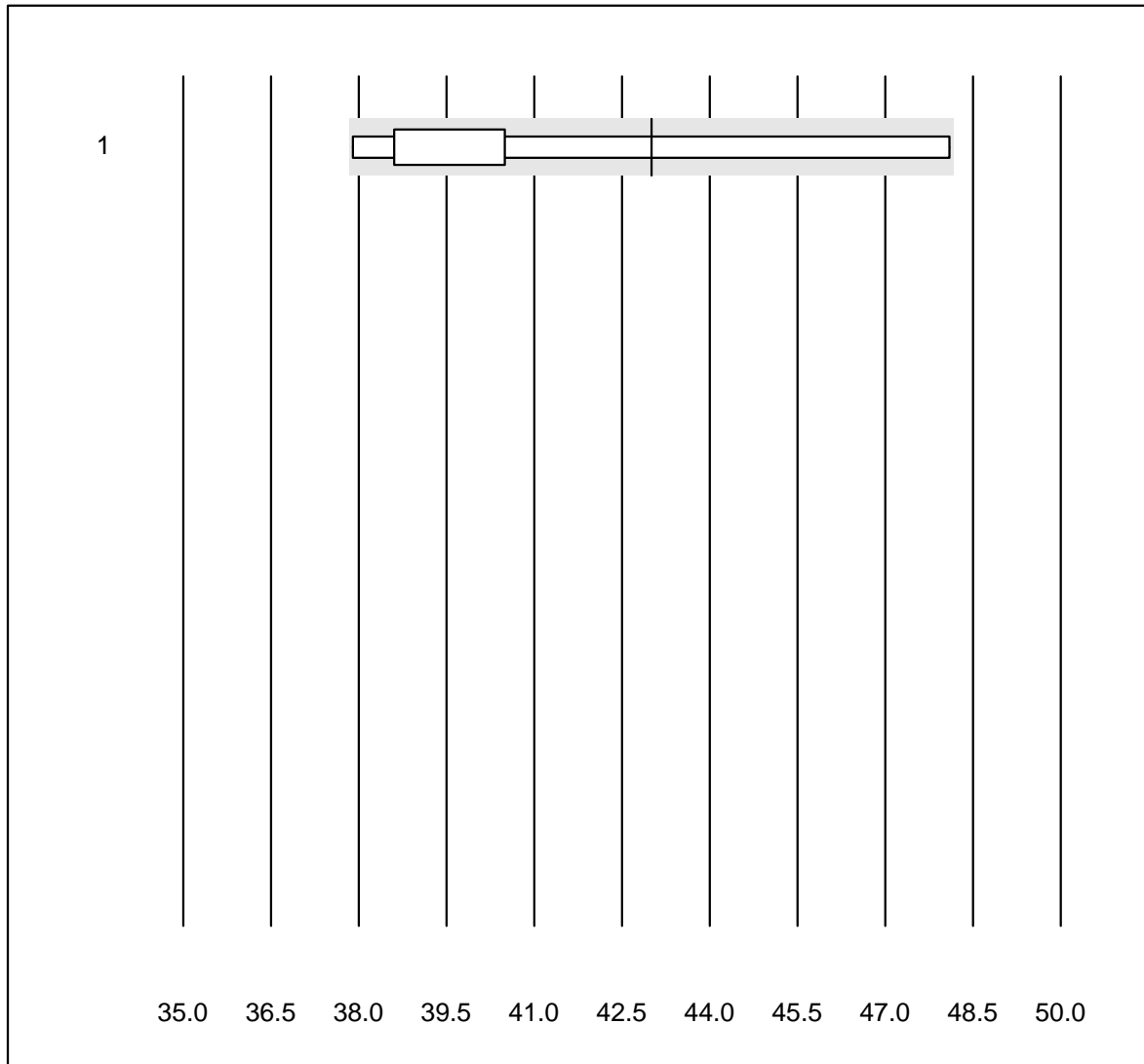
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	4	100.0	0.0	0.0	11.5	3.6	e

Totalprotein E



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	25.5	6.0	e*

Albumin E

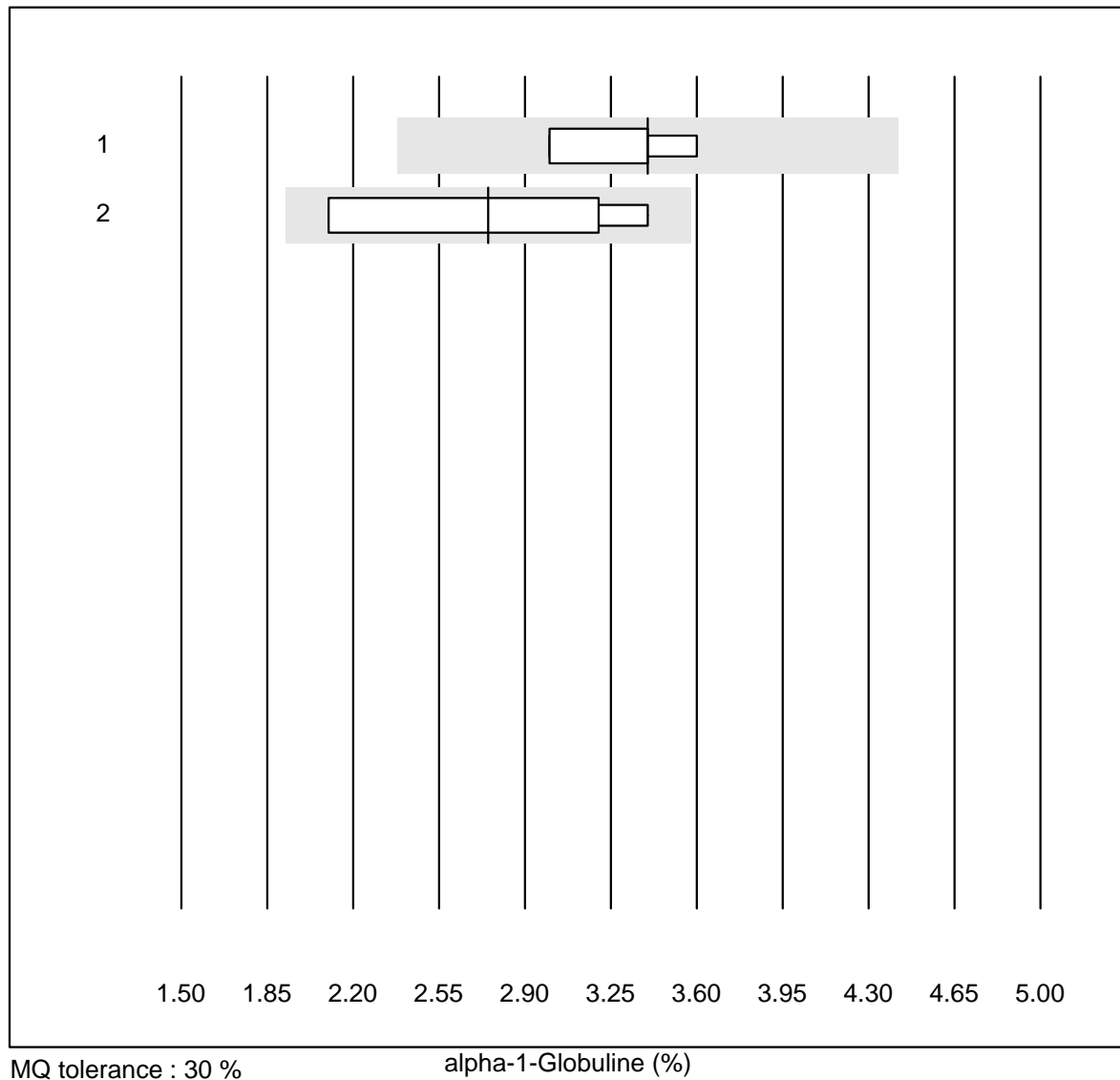


MQ tolerance : 12 %

Albumin E (%)

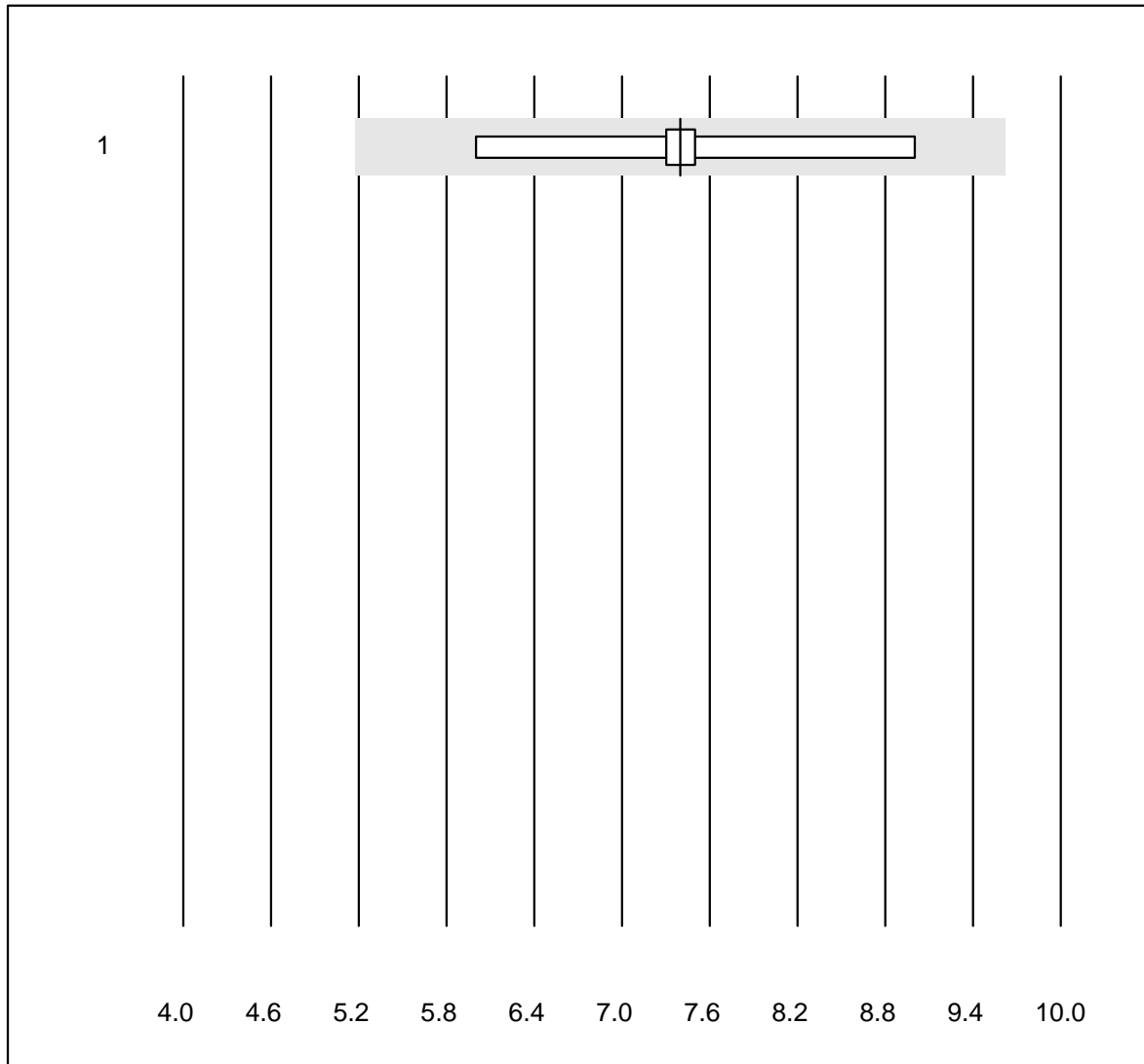
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	7	100.0	0.0	0.0	43.0	8.4	a

alpha-1-Globuline



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Kapillar-Elektrophor	4	100.0	0.0	0.0	3.4	7.5	e*
2	Elektrophorese	4	100.0	0.0	0.0	2.8	19.6	a

alpha-2-Globuline

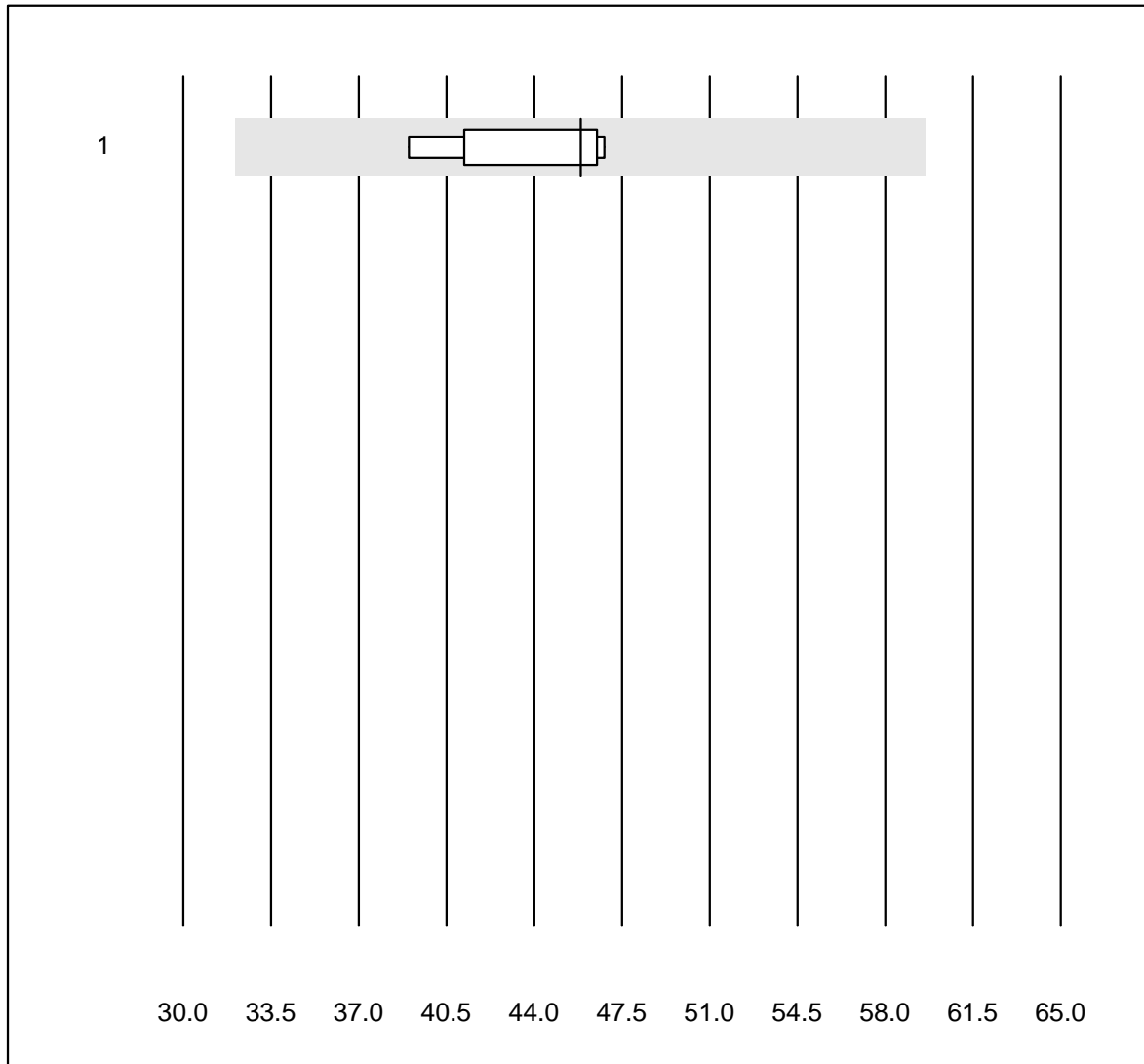


MQ tolerance : 30 %

alpha-2-Globuline (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	8	100.0	0.0	0.0	7.4	10.8	e*

beta-Globuline

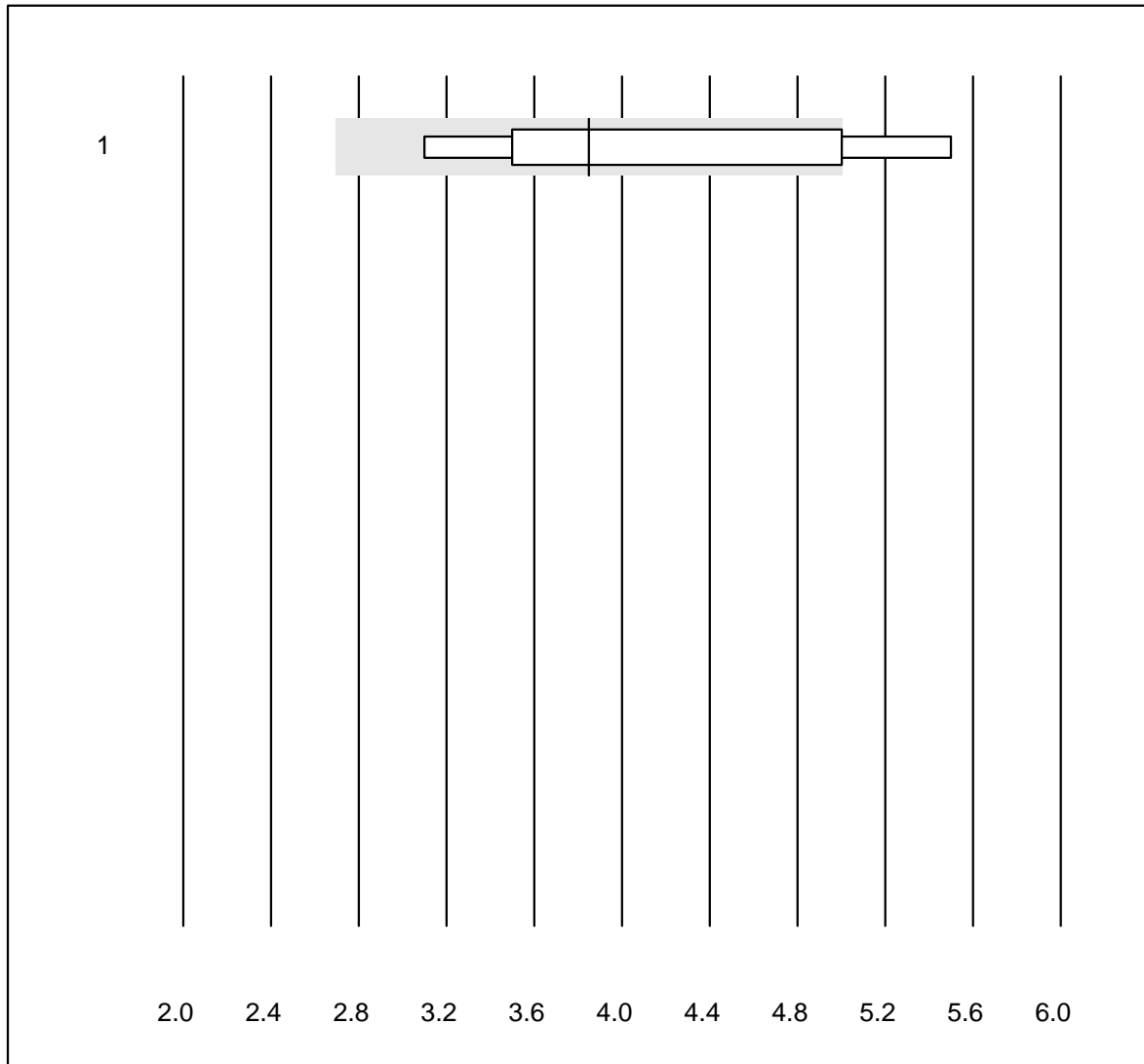


MQ tolerance : 30 %

beta-Globuline (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	7	100.0	0.0	0.0	45.9	6.8	e

gamma-Globuline

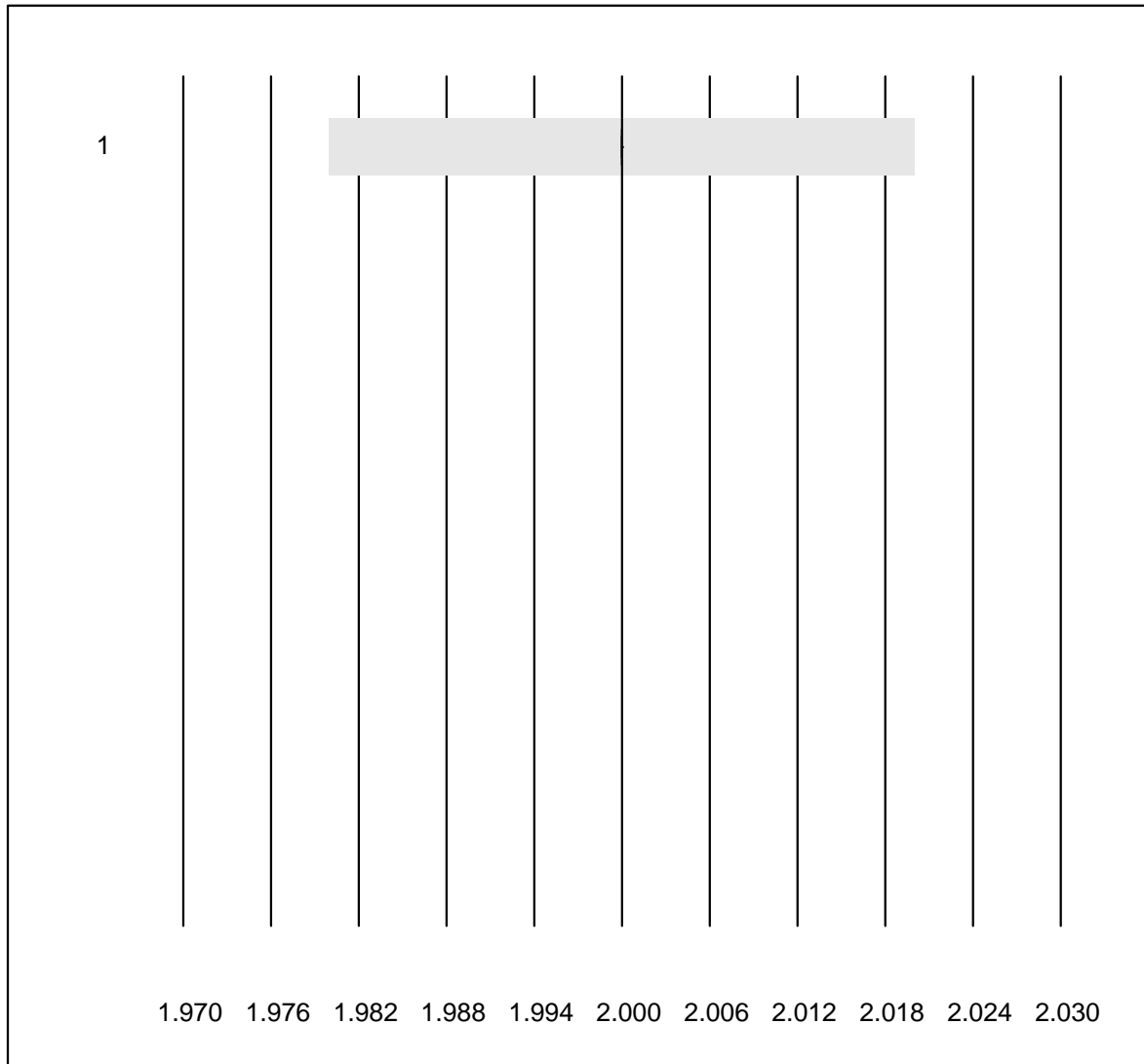


MQ tolerance : 30 %

gamma-Globuline (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Elektrophorese	7	71.4	14.3	14.3	3.9	22.4	e*

Immundefixation

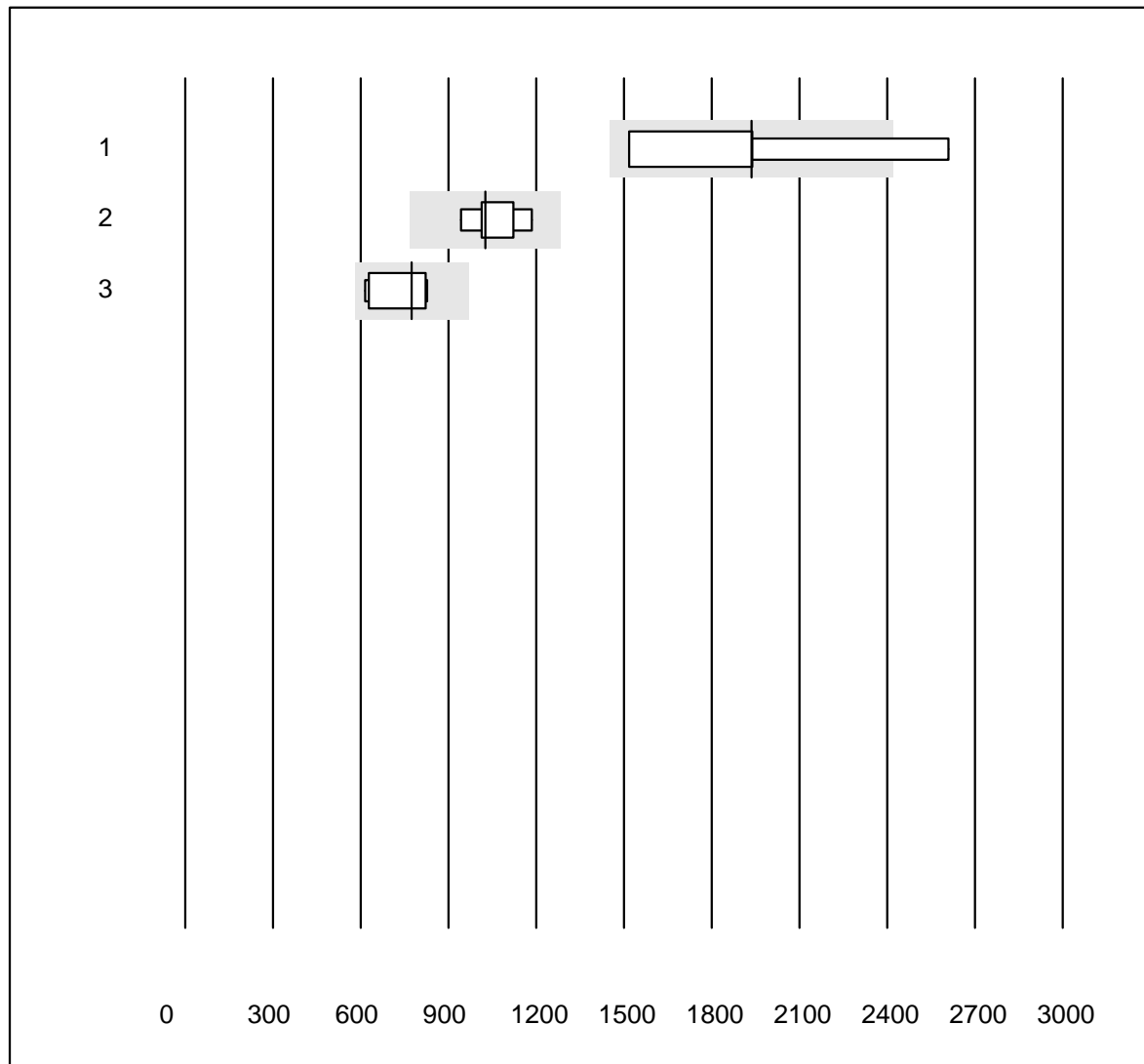


MQ tolerance : 1 %

Immundefixation (Code)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Interpretation	8	100.0	0.0	0.0	2	0.0	e

Folate in Erythrocytes

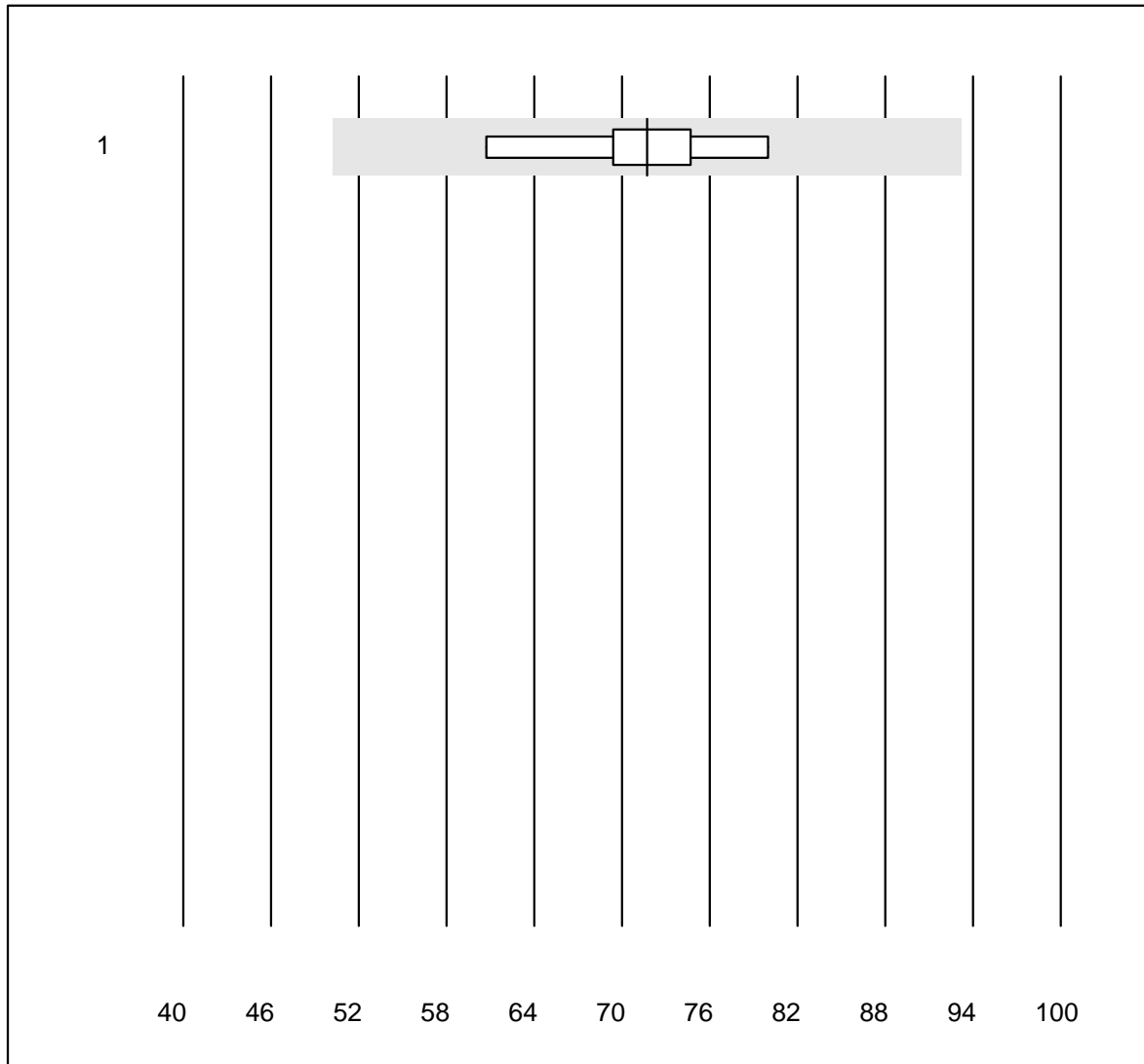


MQ tolerance : 25 %

Folate in Erythrocytes (nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	4	75.0	25.0	0.0	1936	22.6	a
2	Beckman	5	100.0	0.0	0.0	1026	9.0	e*
3	Architect	6	100.0	0.0	0.0	775	12.9	e*

Gallensäure

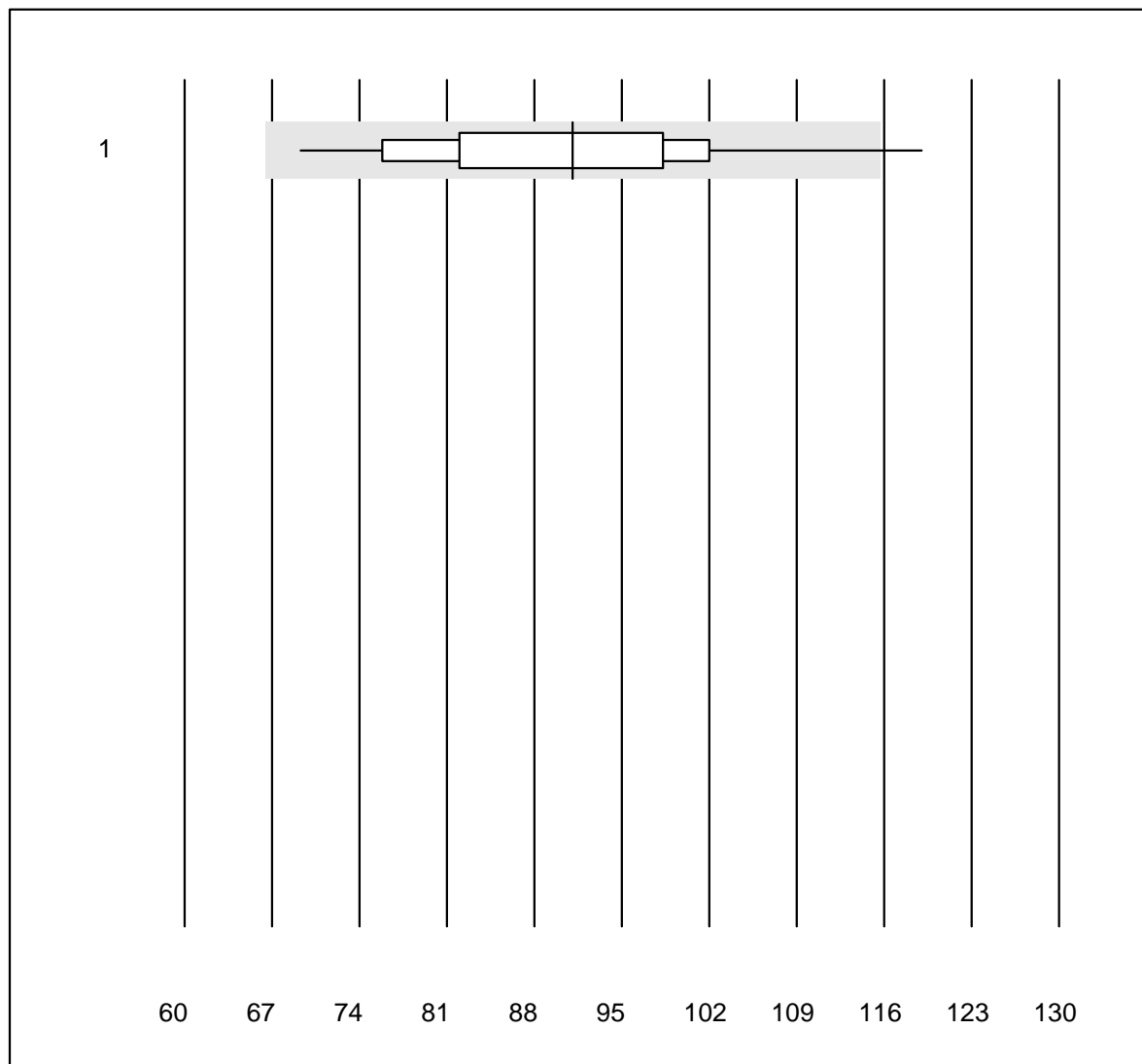


MQ tolerance : 30 %

Gallensäure (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	7	100.0	0.0	0.0	71.7	8.2	e

BNP

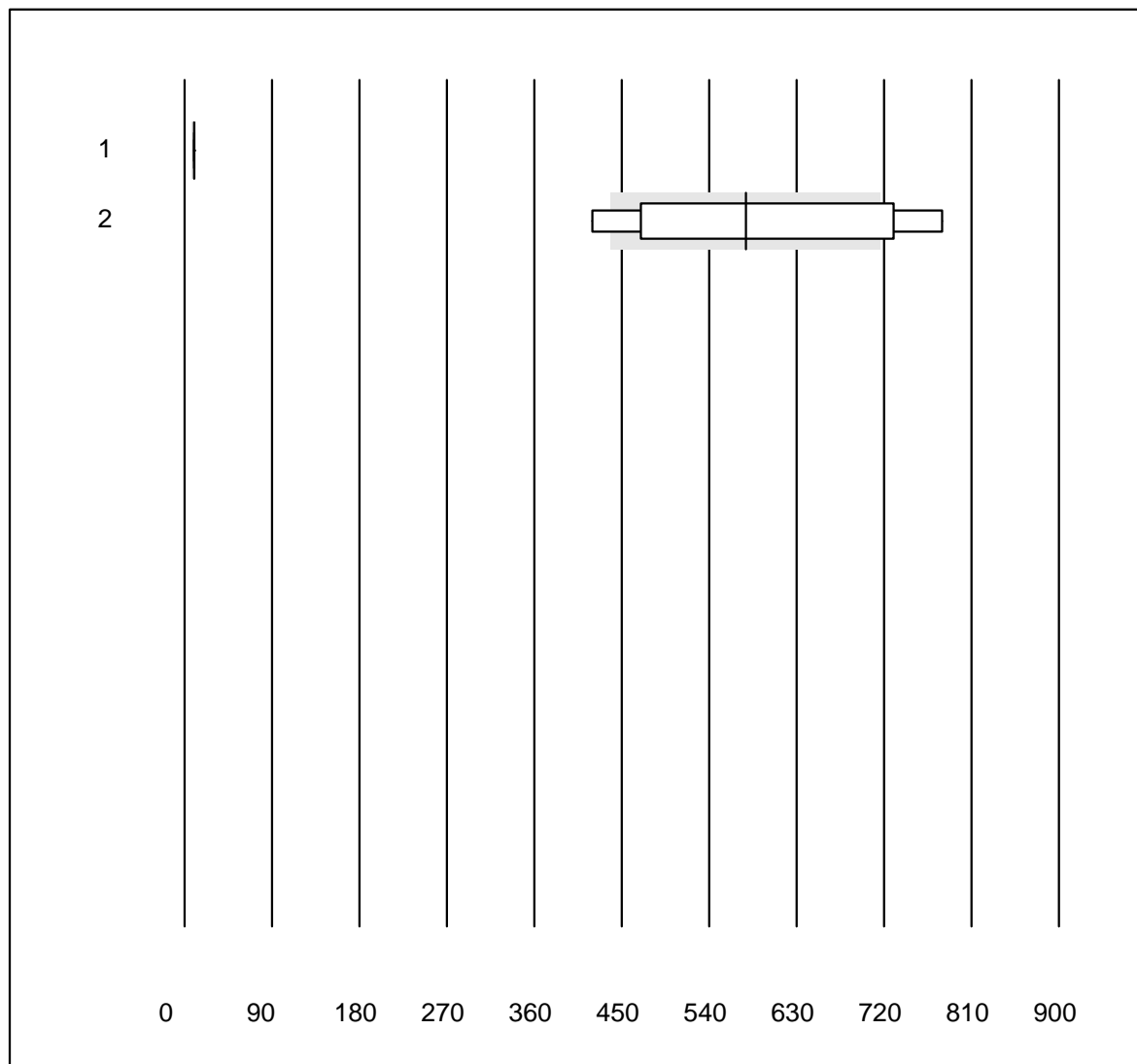


QUALAB tolerance : 27 %

BNP (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	33	87.9	3.0	9.1	91.0	12.4	e

Troponin Triage

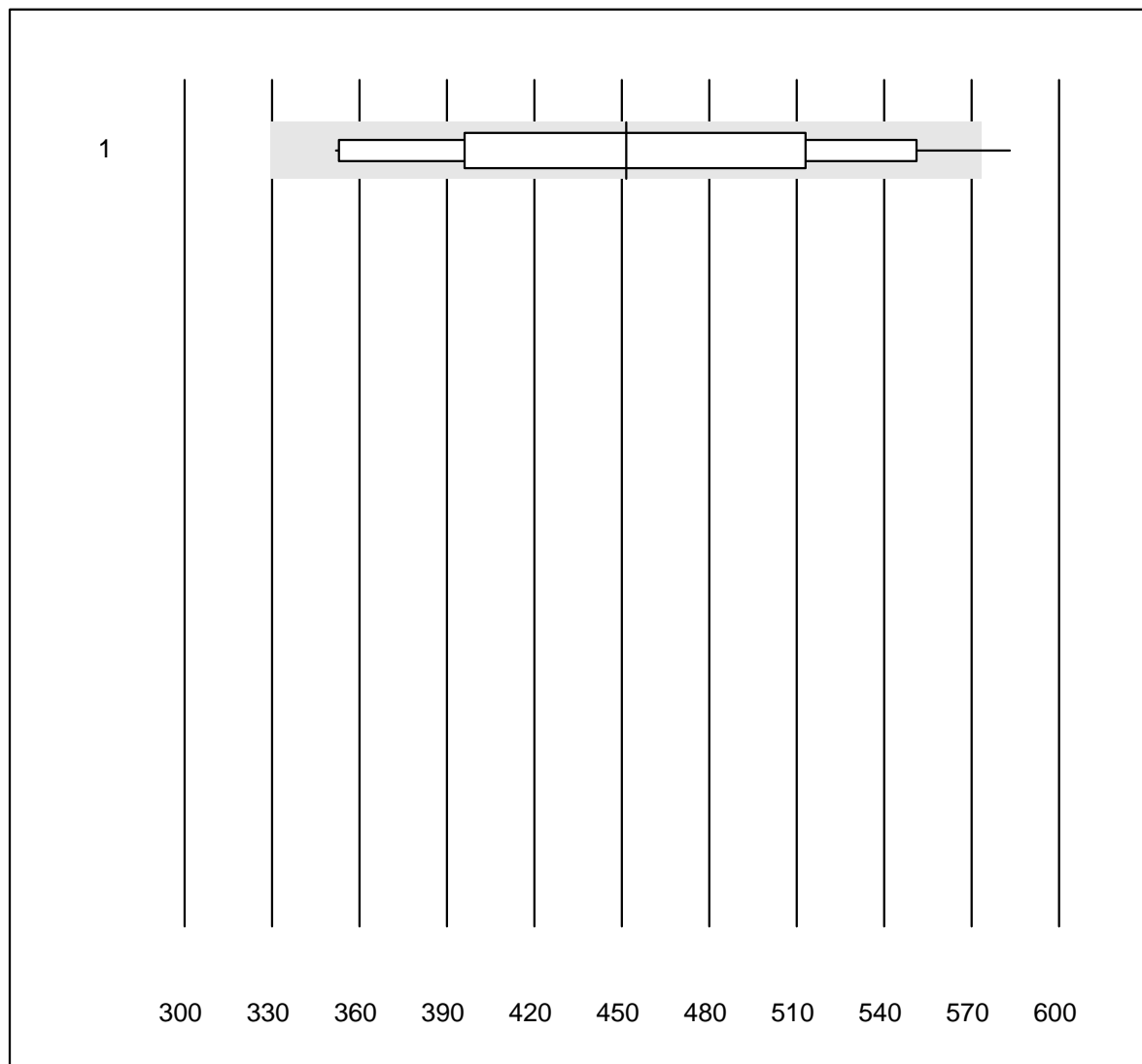


QUALAB tolerance : 24 %

Troponin Triage (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Next Gen	28	85.7	0.0	14.3	10.00	0.0	a
2	Triage SOB/Cardiac	14	35.7	28.6	35.7	577.50	22.6	e*

NT-proBNP

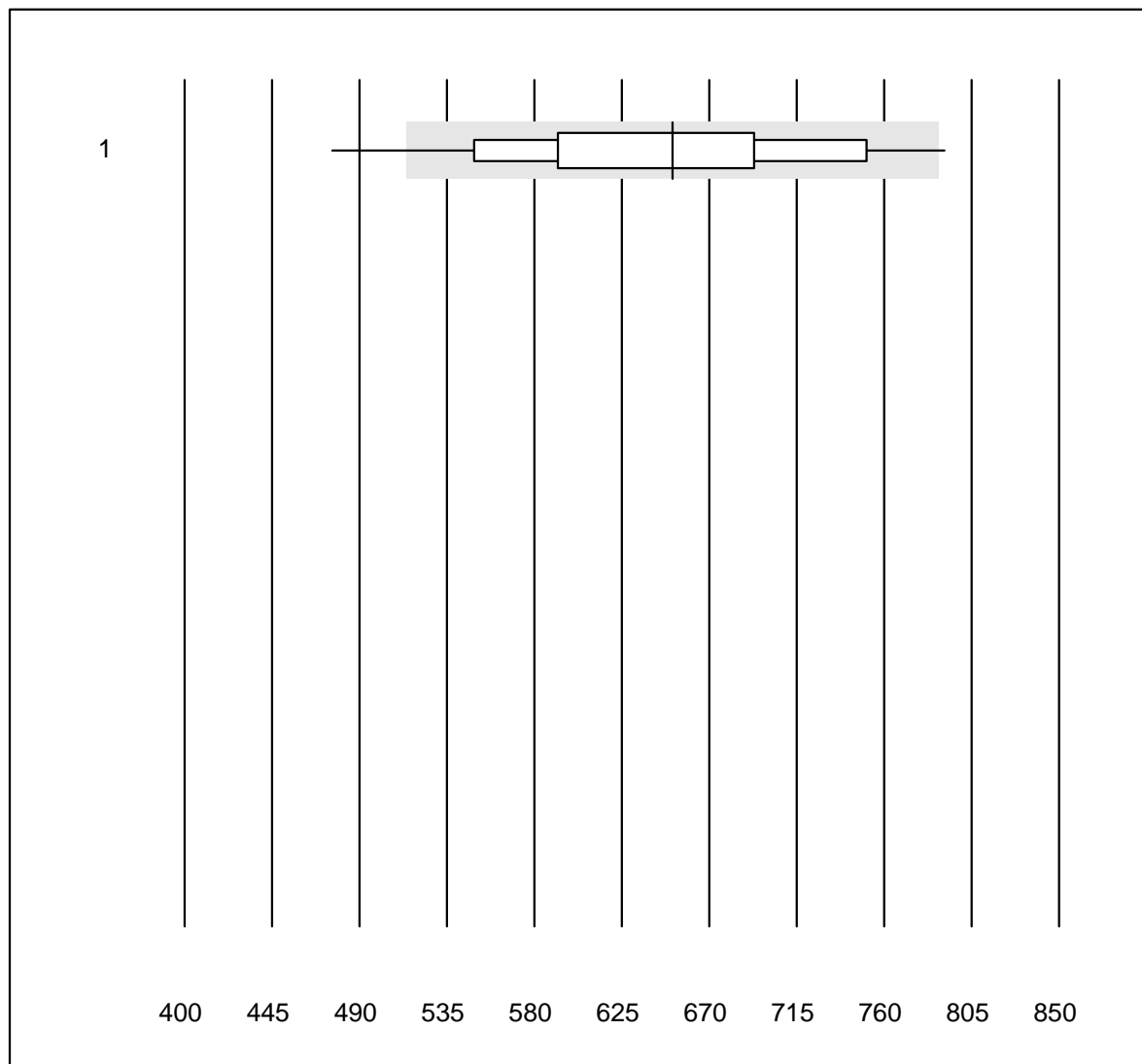


QUALAB tolerance : 27 %

NT-proBNP (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	15	93.3	6.7	0.0	451	16.3	e*

D-dimer Triage

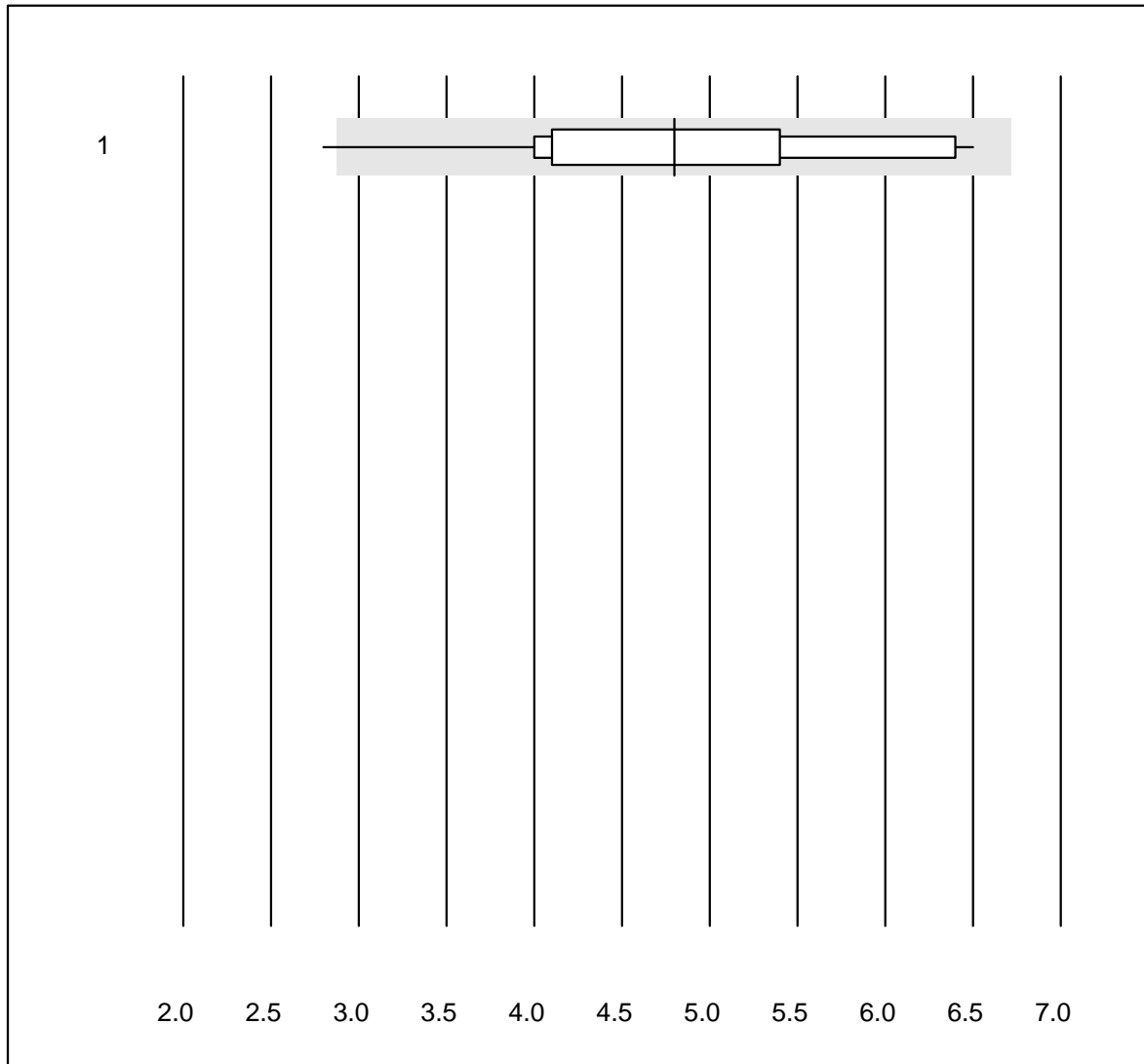


QUALAB tolerance : 21 %

D-dimer Triage (ng/ml)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Triage	43	95.3	4.7	0.0	651.12	11.7	e

CK-MB Triage

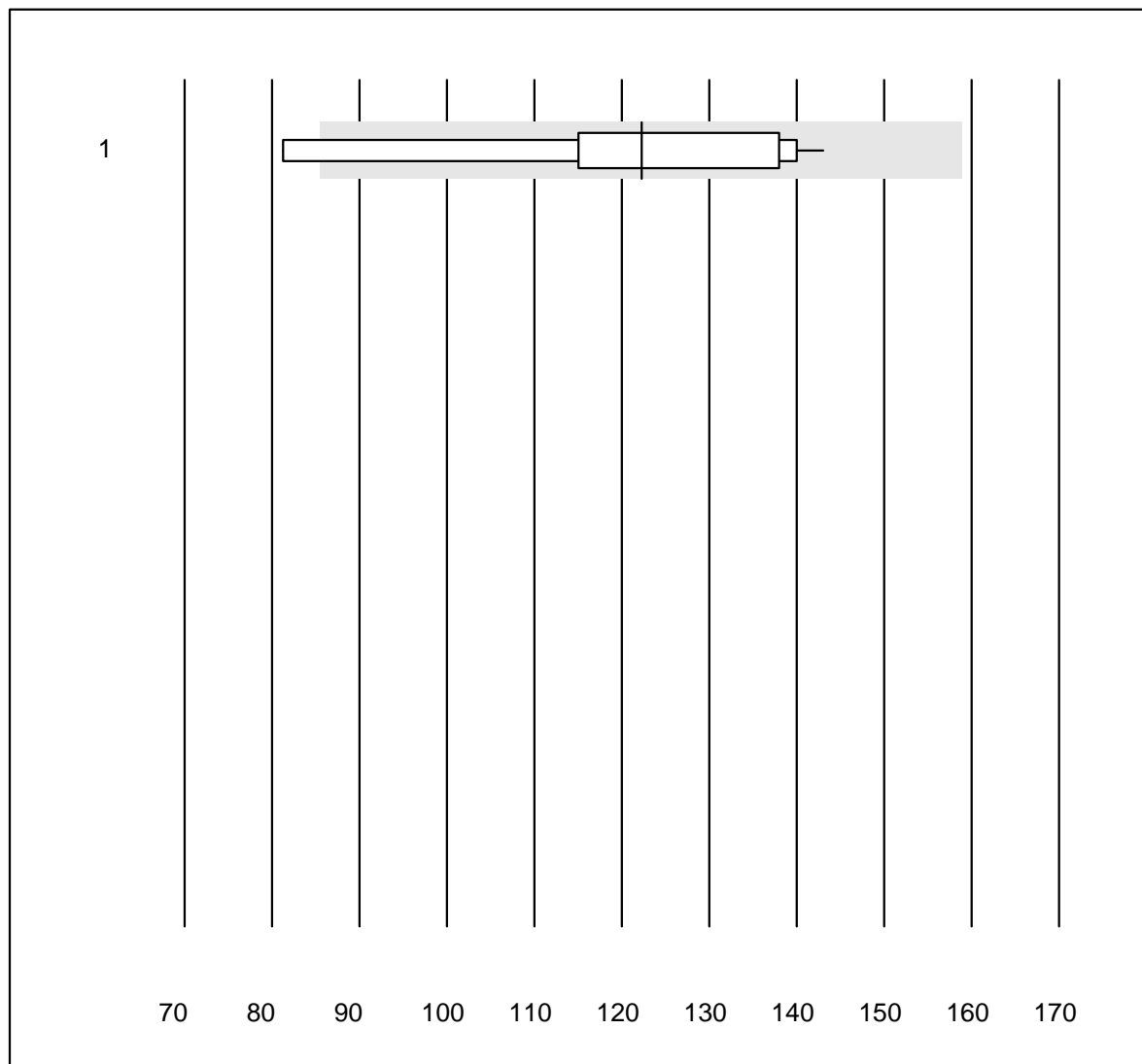


MQ tolerance : 40 %

CK-MB Triage (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	12	83.4	8.3	8.3	4.8	22.2	e*

Myoglobin Triage

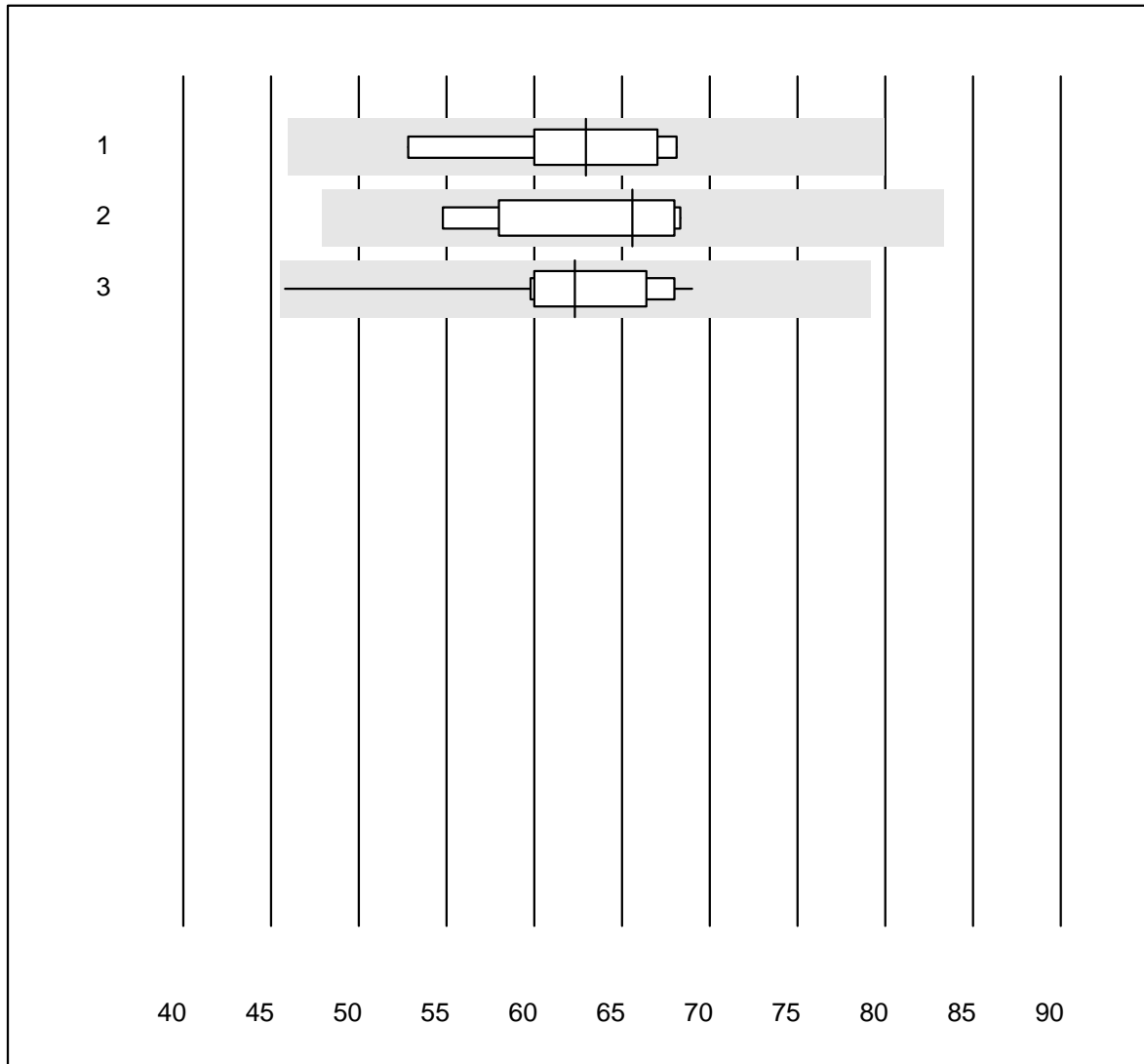


QUALAB tolerance : 30 %

Myoglobin Triage (µg/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Triage	10	90.0	10.0	0.0	122.2	14.8	e*

25-OH Vitamin D

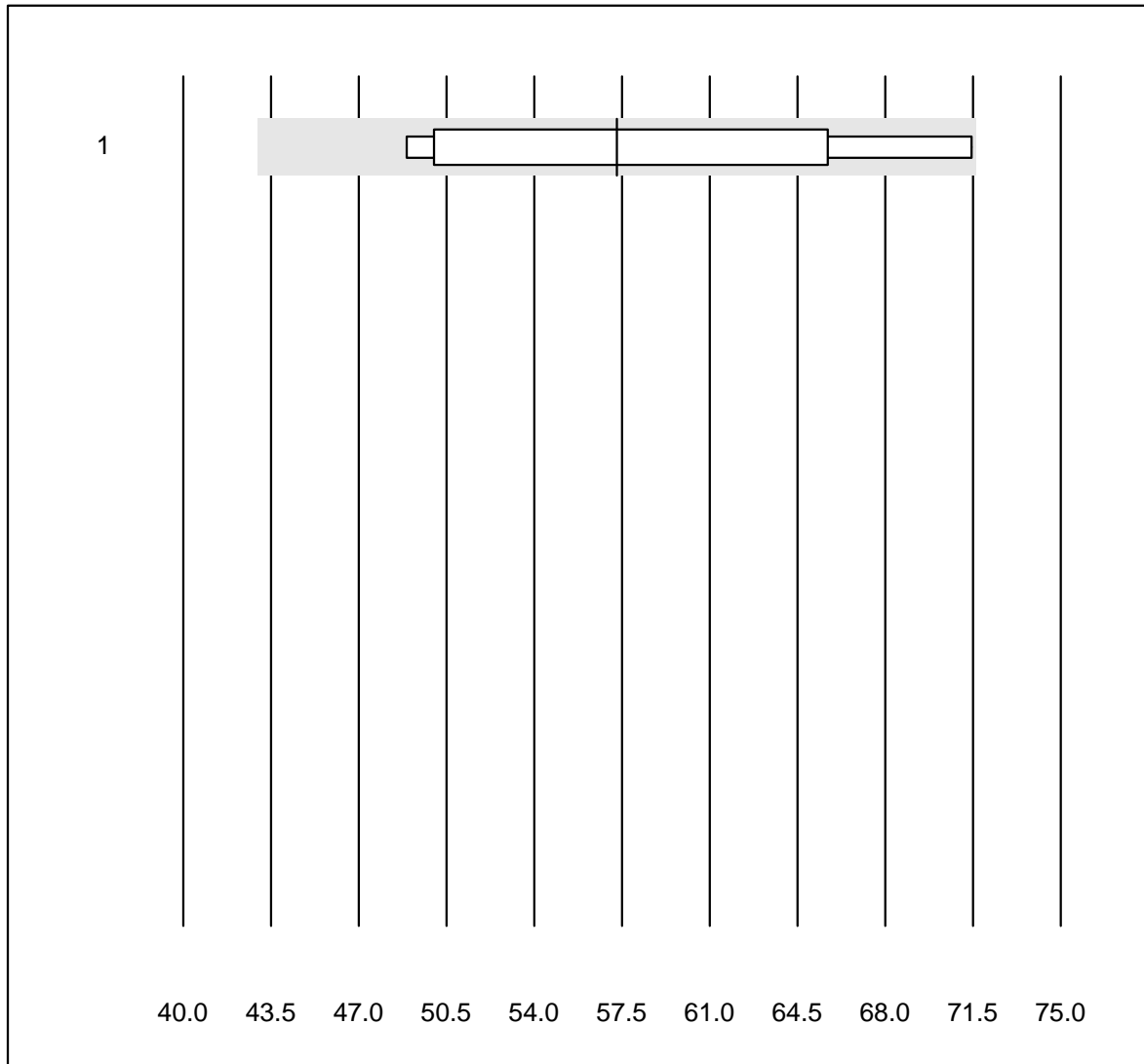


QUALAB tolerance : 27 %

25-OH Vitamin D (nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	6	100.0	0.0	0.0	62.9	9.3	e*
2	VIDAS	7	100.0	0.0	0.0	65.6	8.2	e
3	Architect	11	100.0	0.0	0.0	62.3	10.1	e

AMH

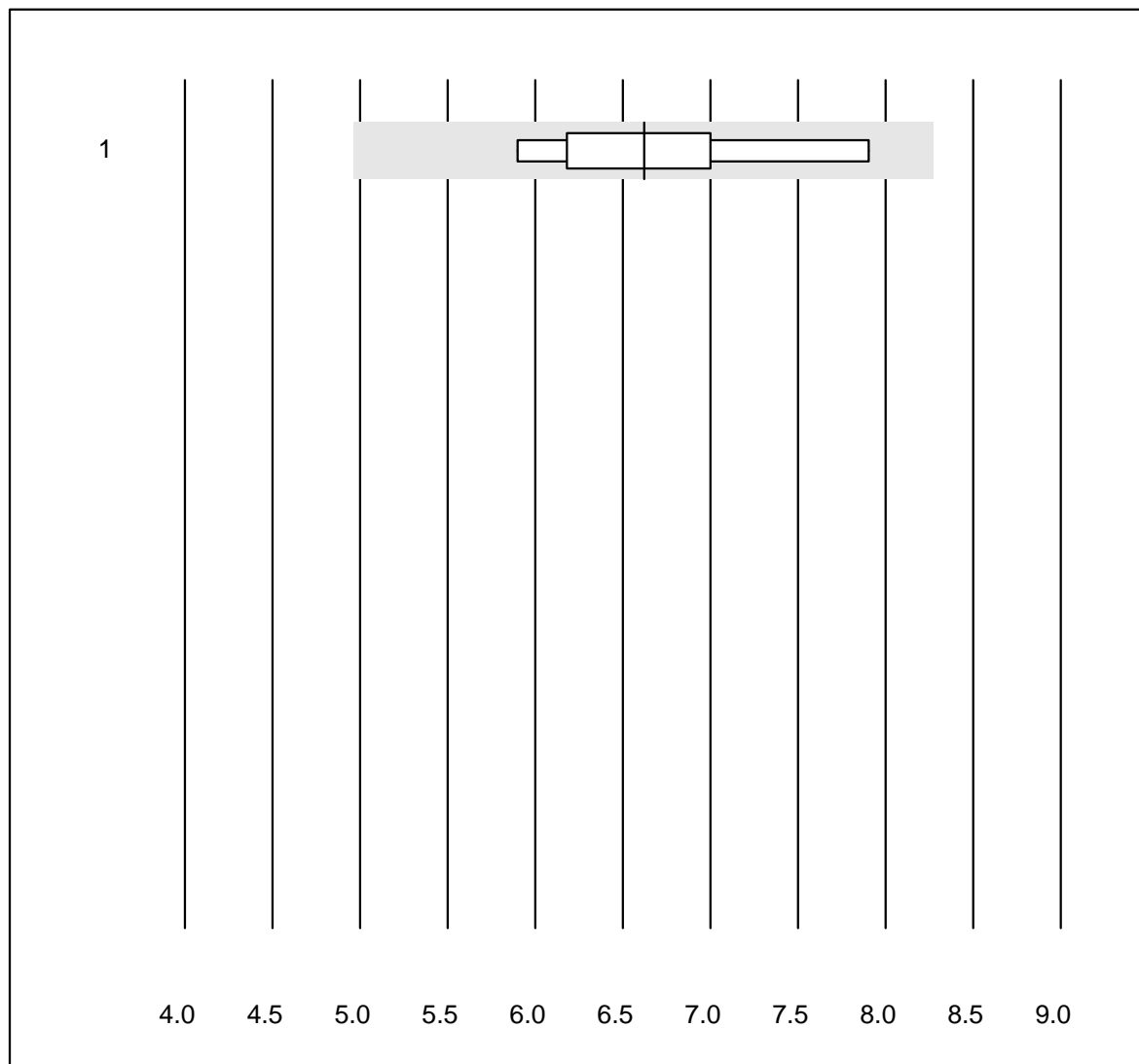


MQ tolerance : 25 %

AMH (pmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	7	100.0	0.0	0.0	57.3	15.2	a

TRAK

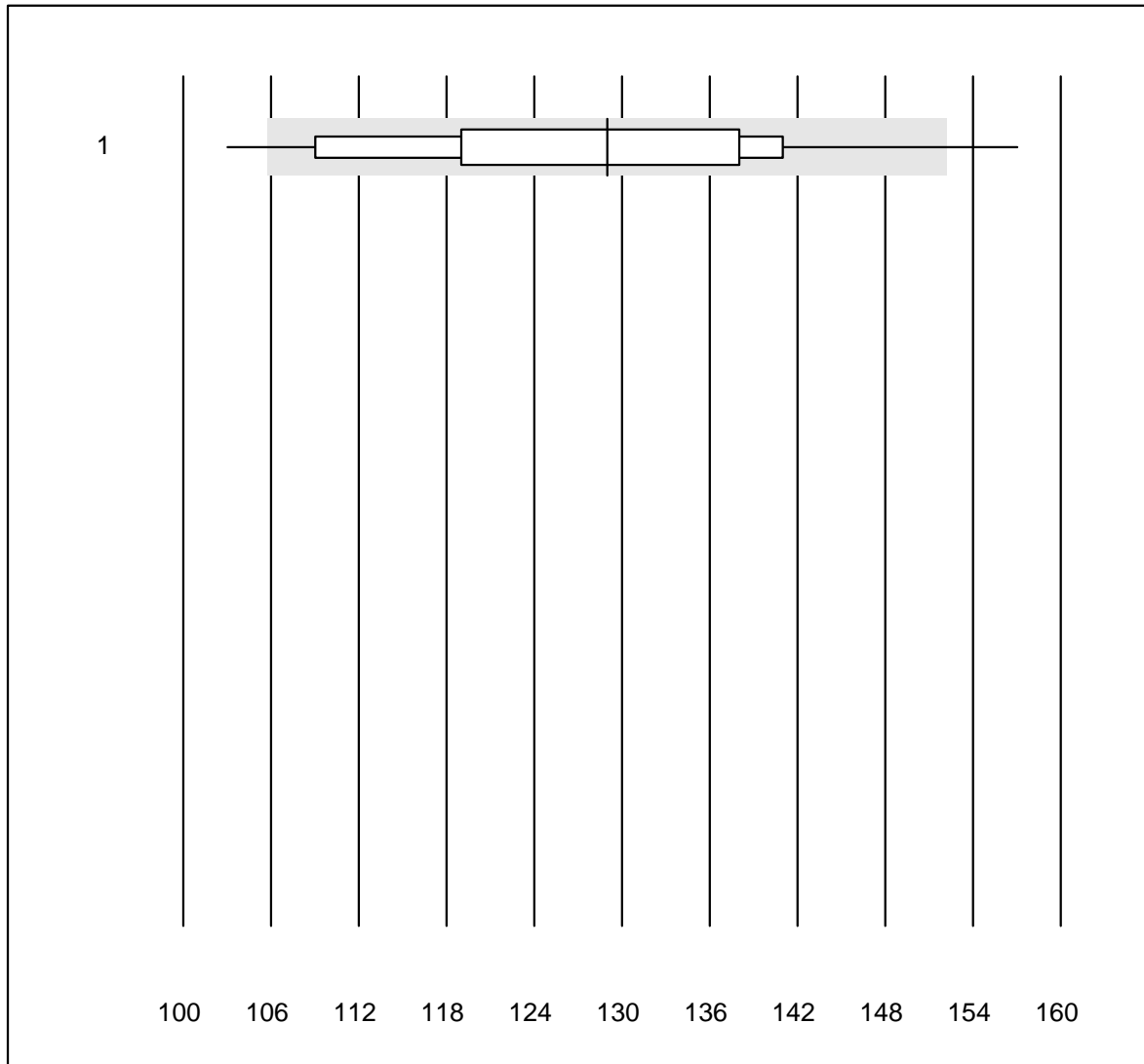


MQ tolerance : 25 %

TRAK (IE/ml)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	7	100.0	0.0	0.0	6.62	9.8	e*

Creatinine WB

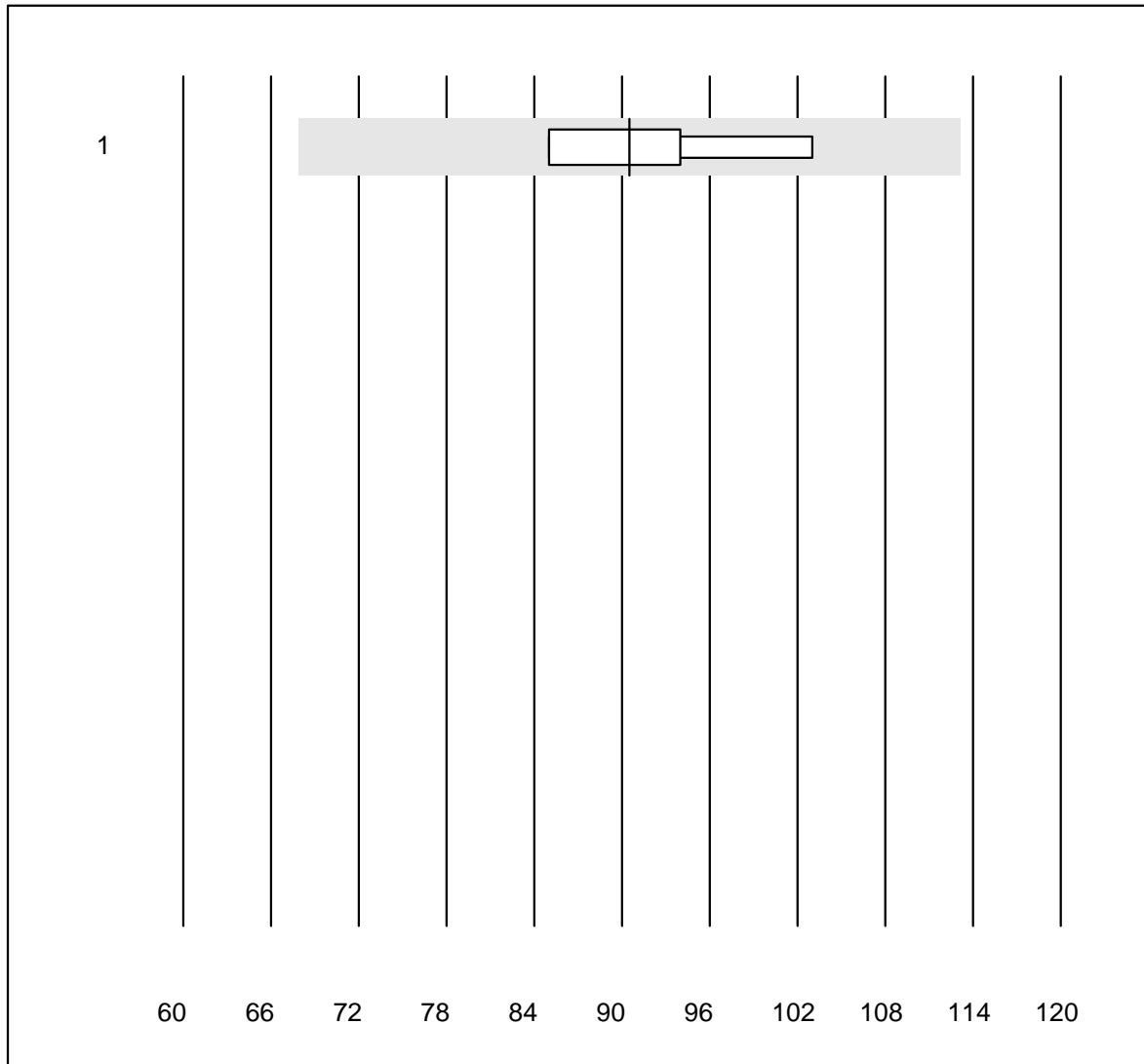


QUALAB tolerance : 18 %

Creatinine WB (µmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Statsensor i / Nova	35	82.8	8.6	8.6	129	10.3	e

Amylase-Urine

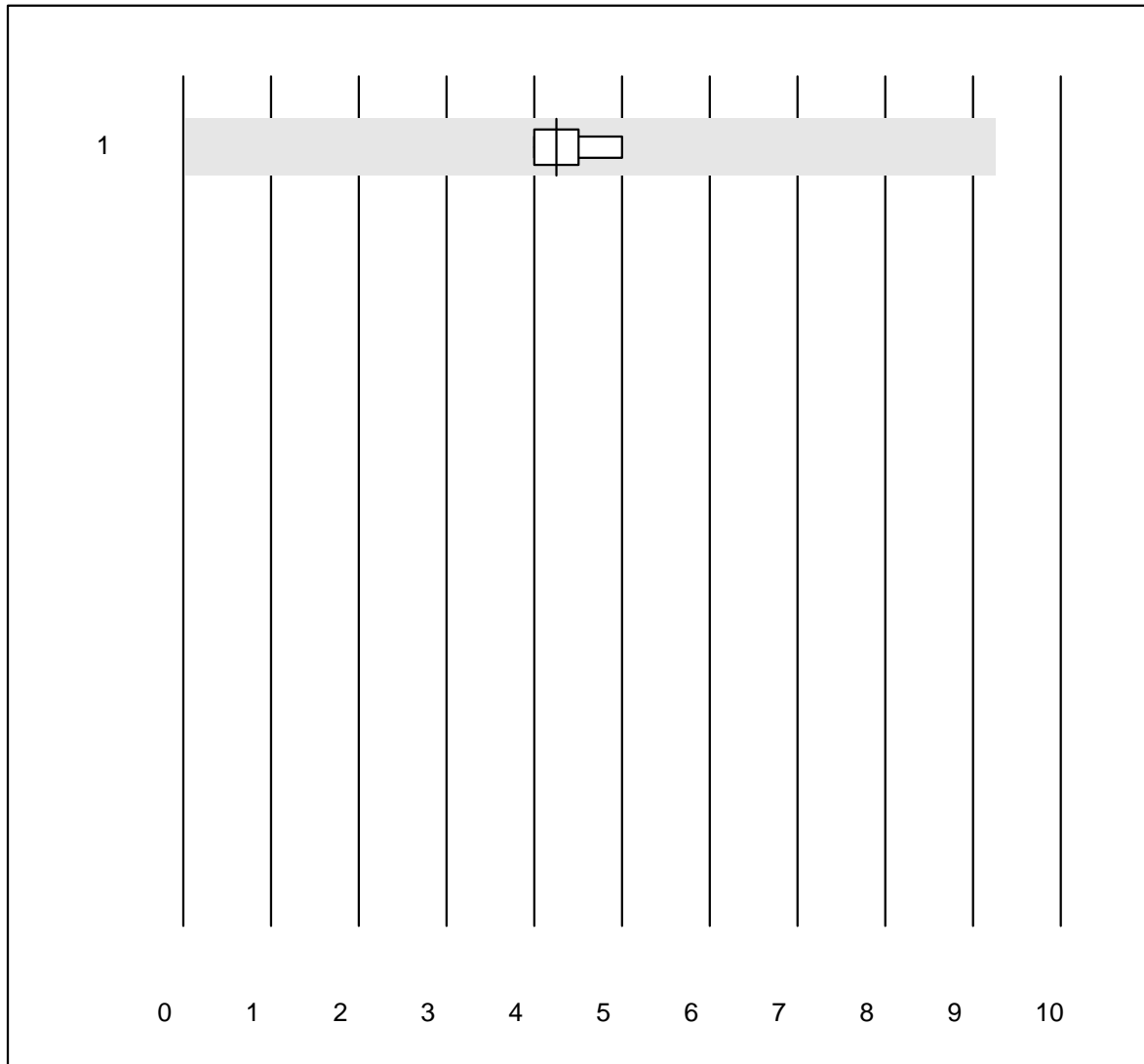


MQ tolerance : 25 %

Amylase-Urine (U/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	4	100.0	0.0	0.0	91	8.8	e*

Pancreatic Amylase-Urine

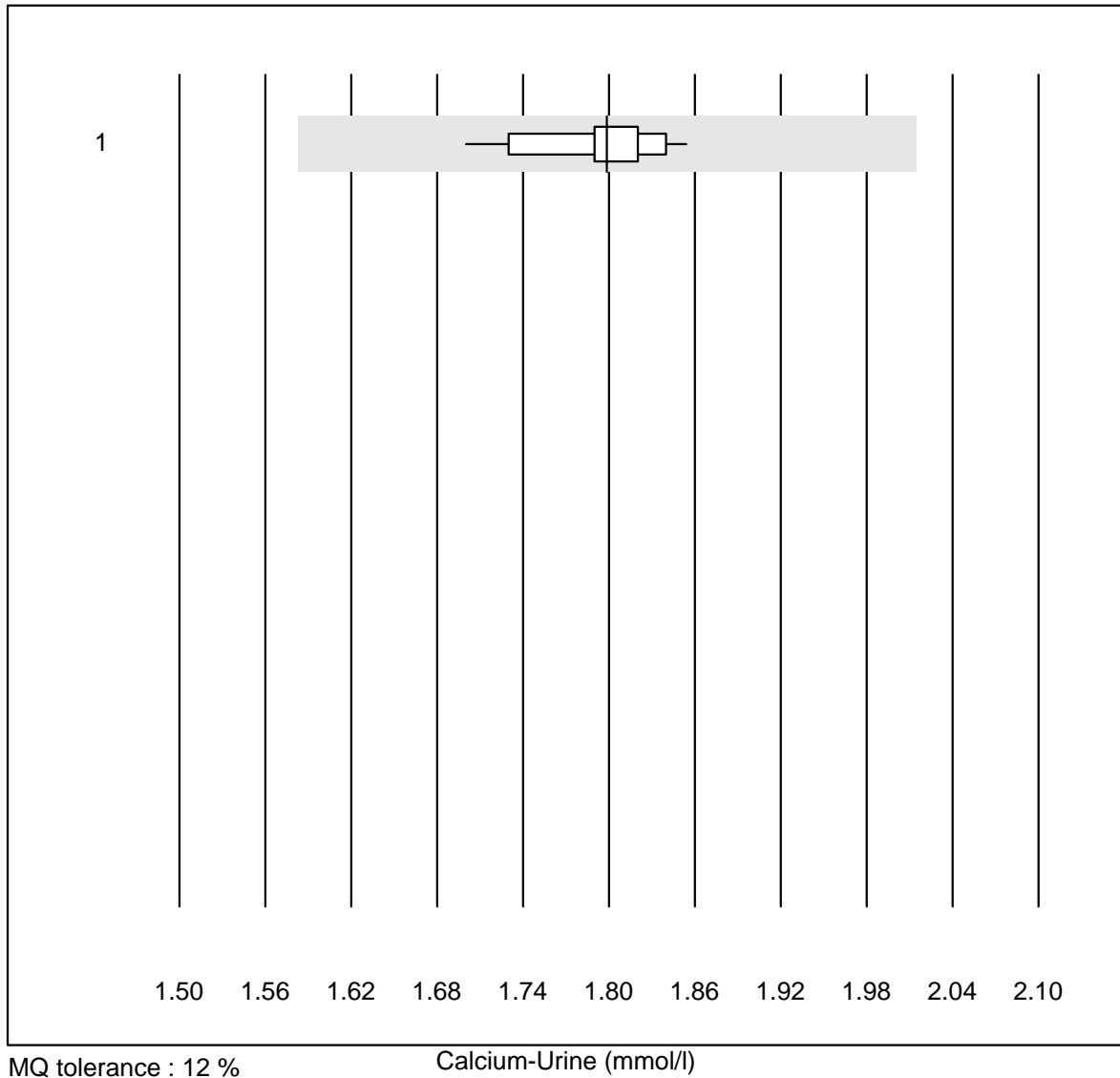


QUALAB tolerance : 18 %
 (< 25.0: +/- 5.0 U/l)

Pancreatic Amylase-Urine (U/l)

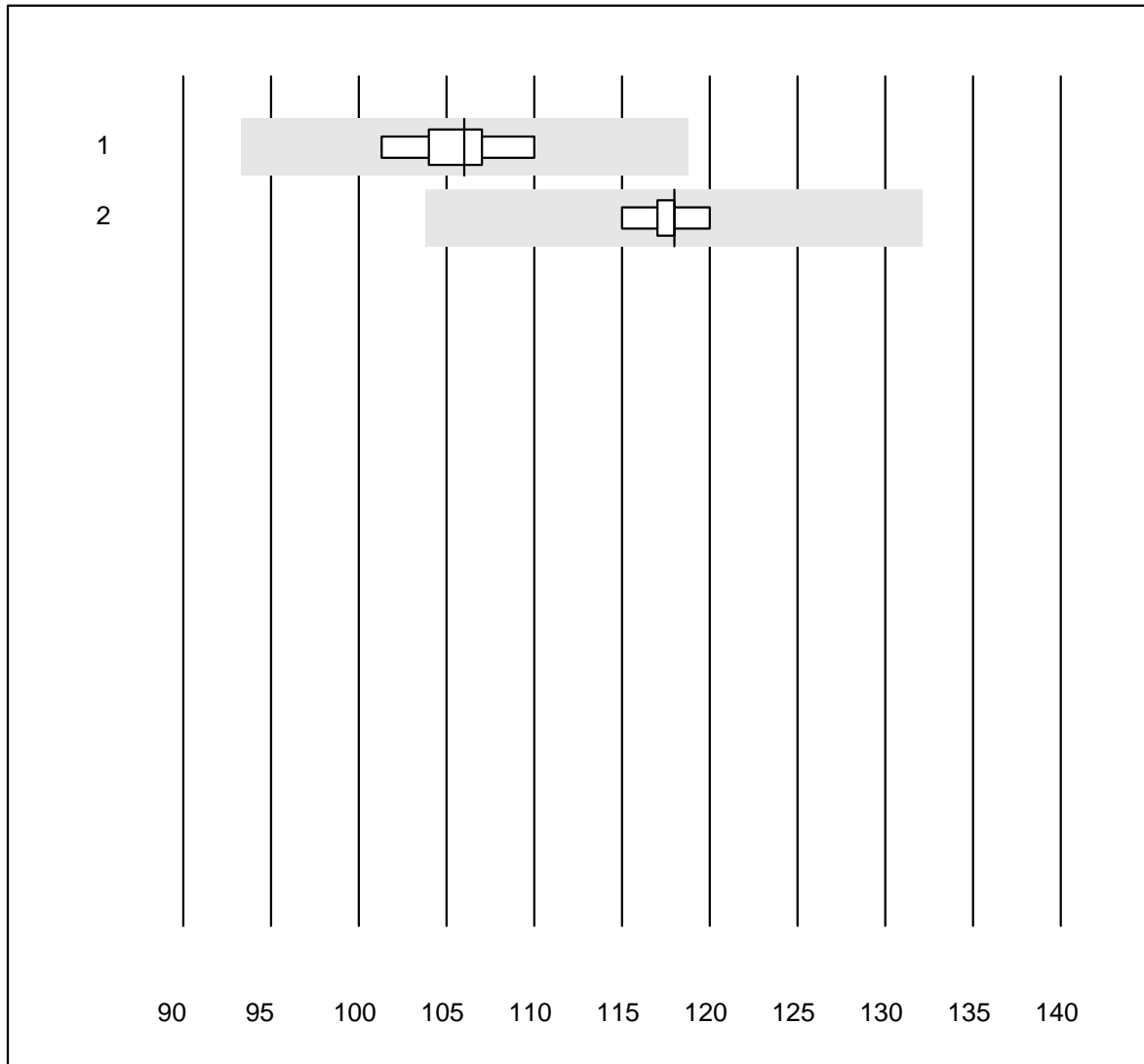
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	4	100.0	0.0	0.0	4.3	10.9	e*

Calcium-Urine



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	17	100.0	0.0	0.0	1.80	2.1	e

Chloride-Urine

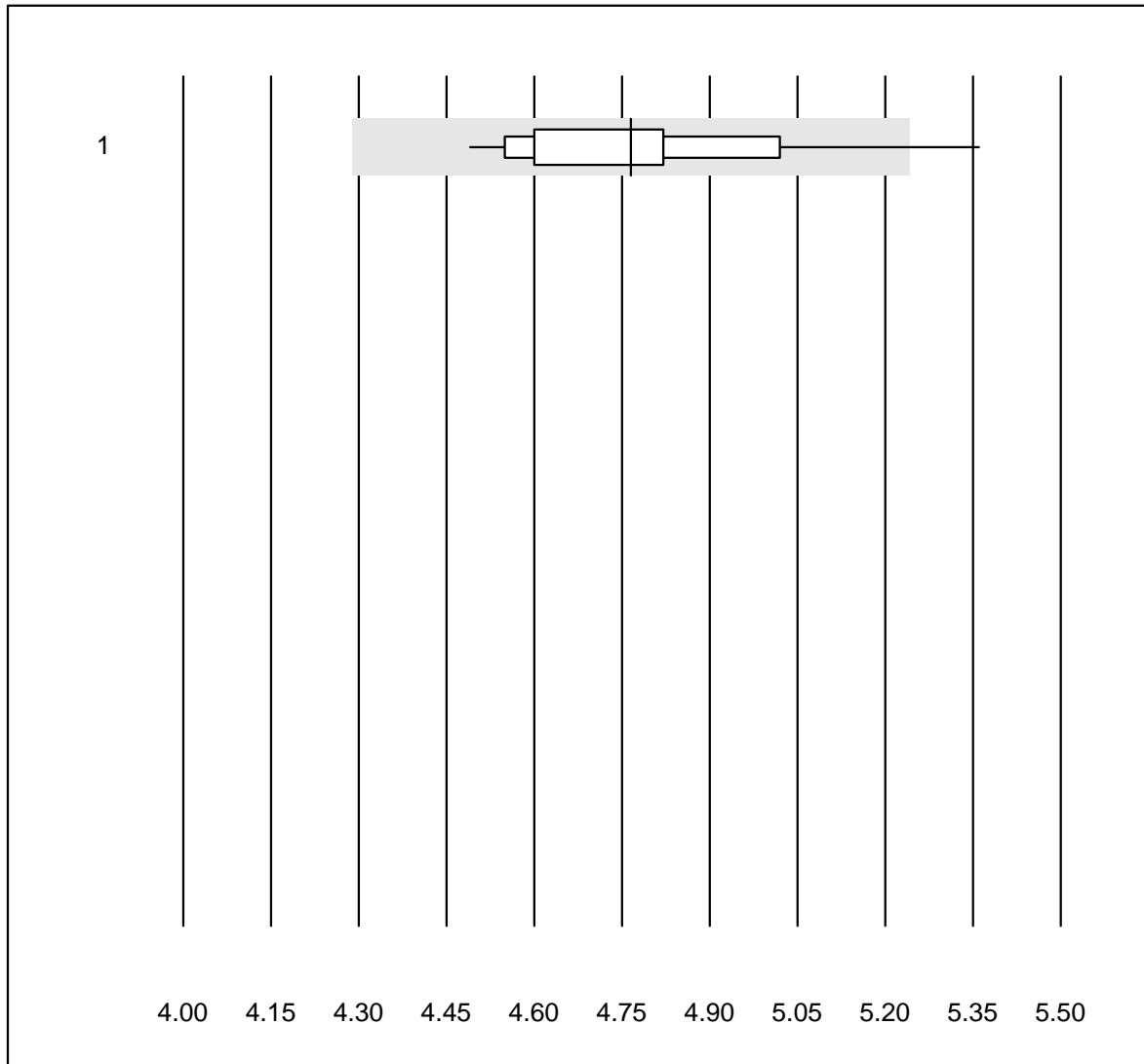


MQ tolerance : 12 %

Chloride-Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	7	100.0	0.0	0.0	106	2.5	e
2	Standard chemistry	6	100.0	0.0	0.0	118	1.4	e

Glucose-Urine

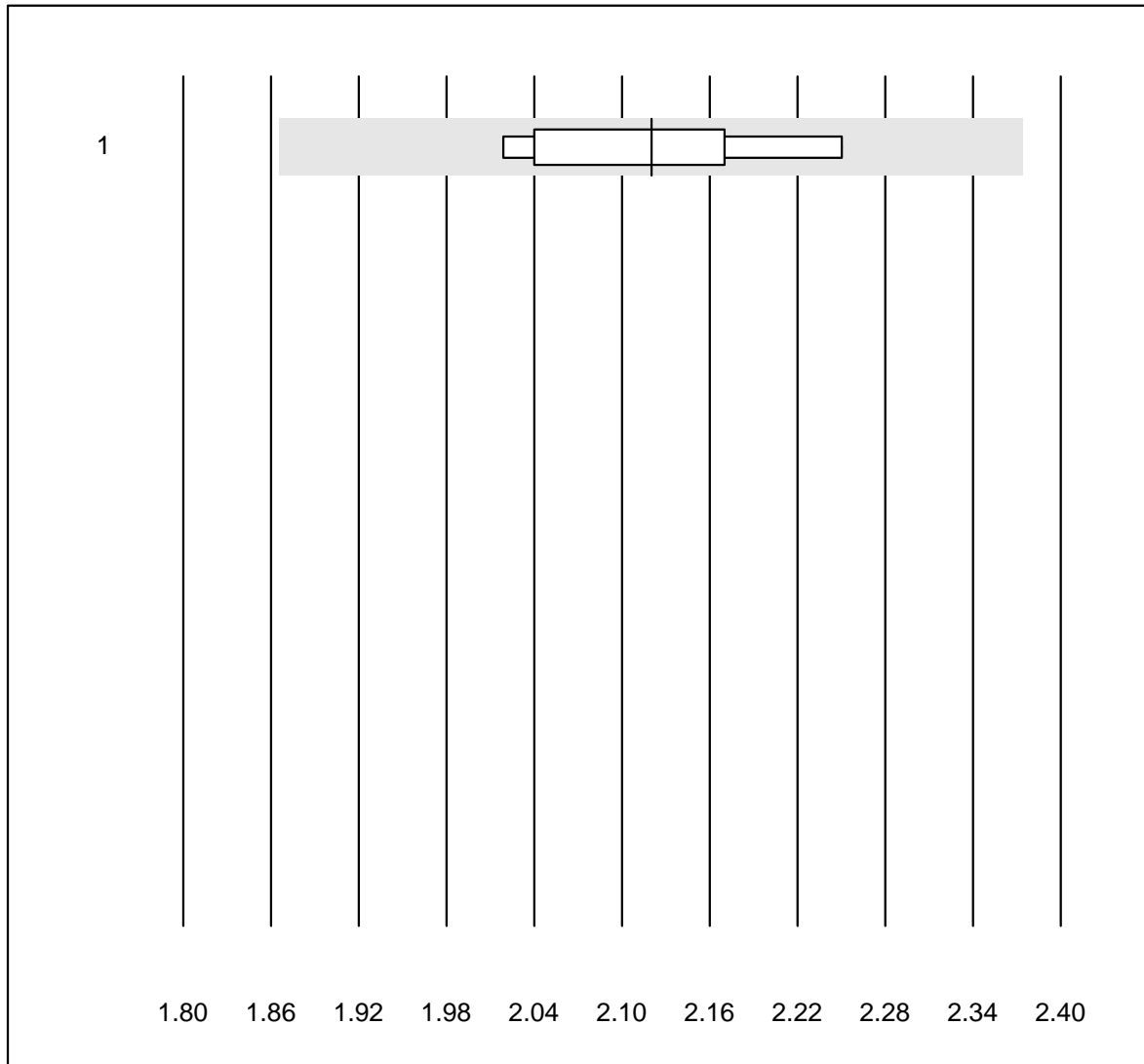


MQ tolerance : 10 %

Glucose-Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	93.7	6.3	0.0	4.8	4.7	e

Magnesium-Urine

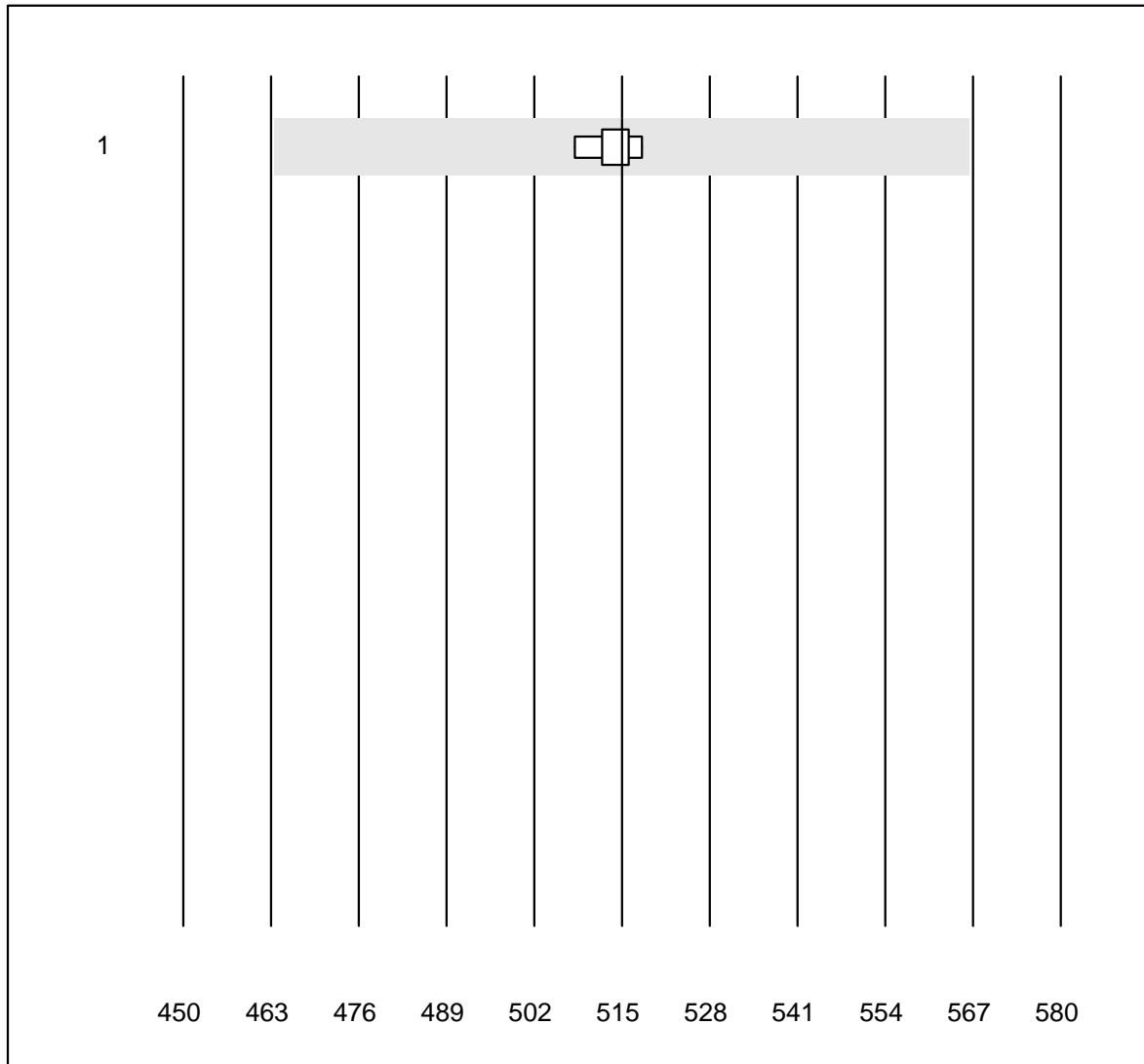


MQ tolerance : 12 %

Magnesium-Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	9	88.9	0.0	11.1	2.12	3.7	e

Osmolality-Urine

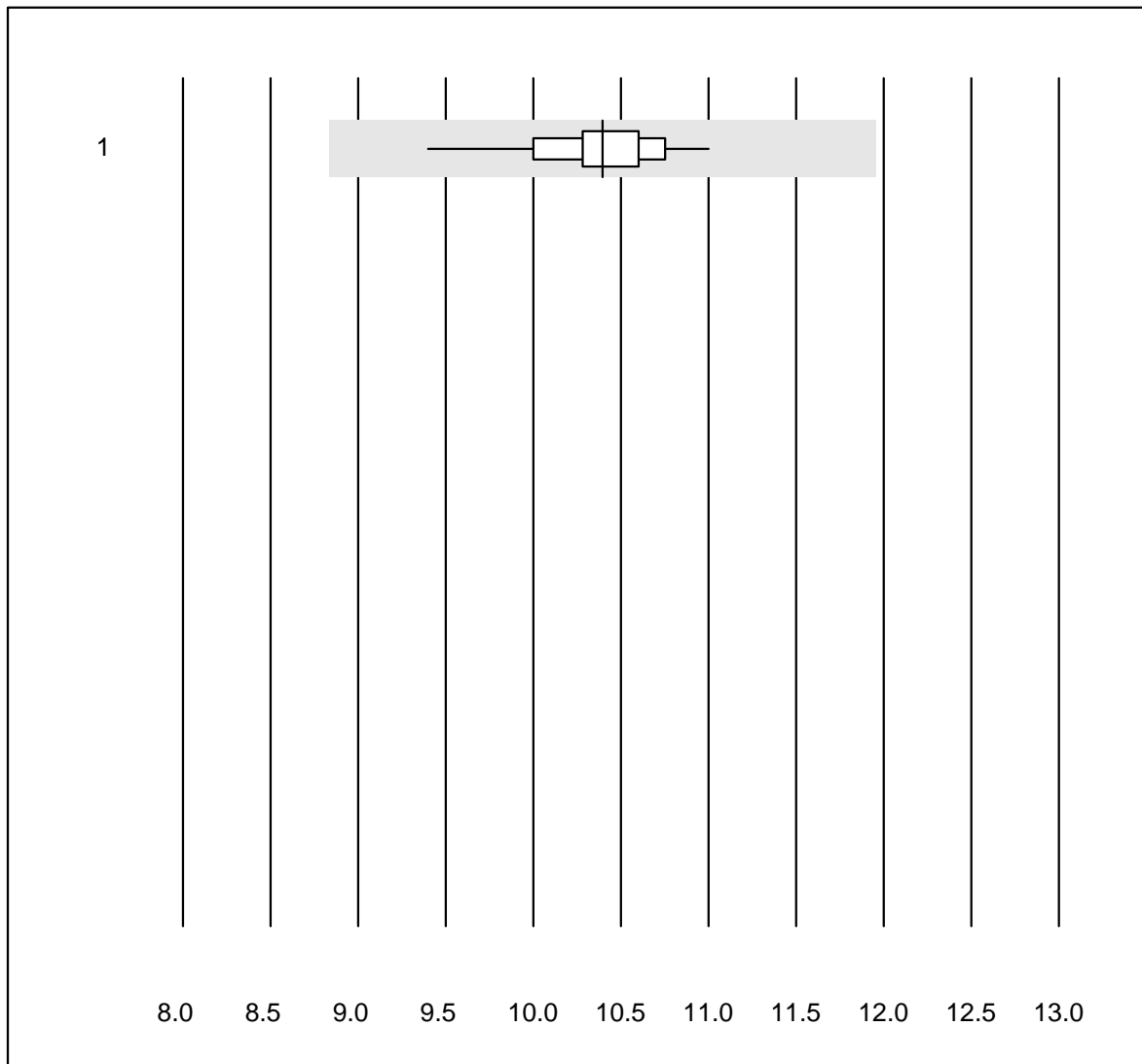


MQ tolerance : 10 %

Osmolality-Urine (mosm/kg)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Cryoskopy	9	100.0	0.0	0.0	515	0.6	e

Phosphate-Urine

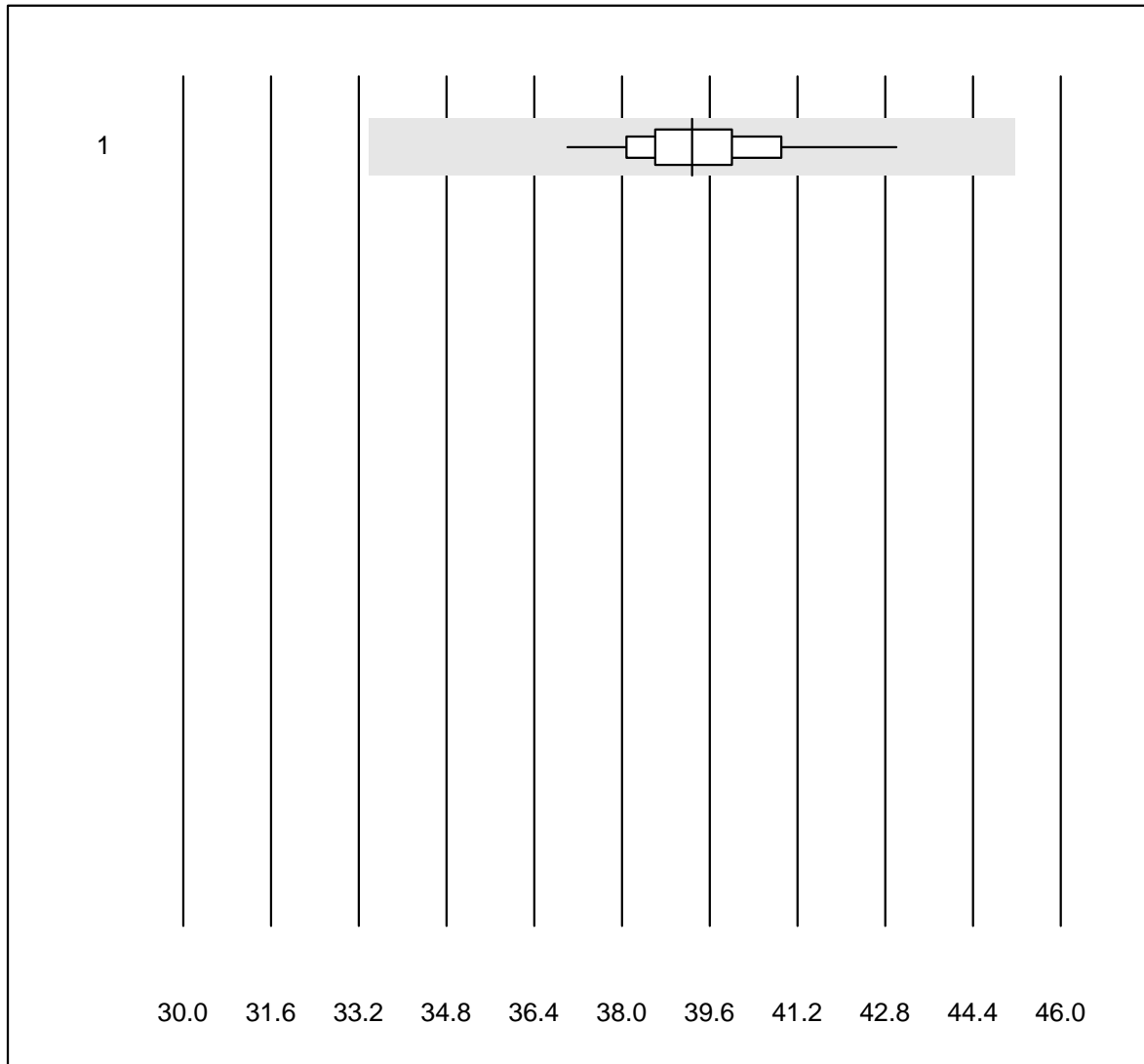


MQ tolerance : 15 %

Phosphate-Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	10.4	3.5	e

Potassium-Urine

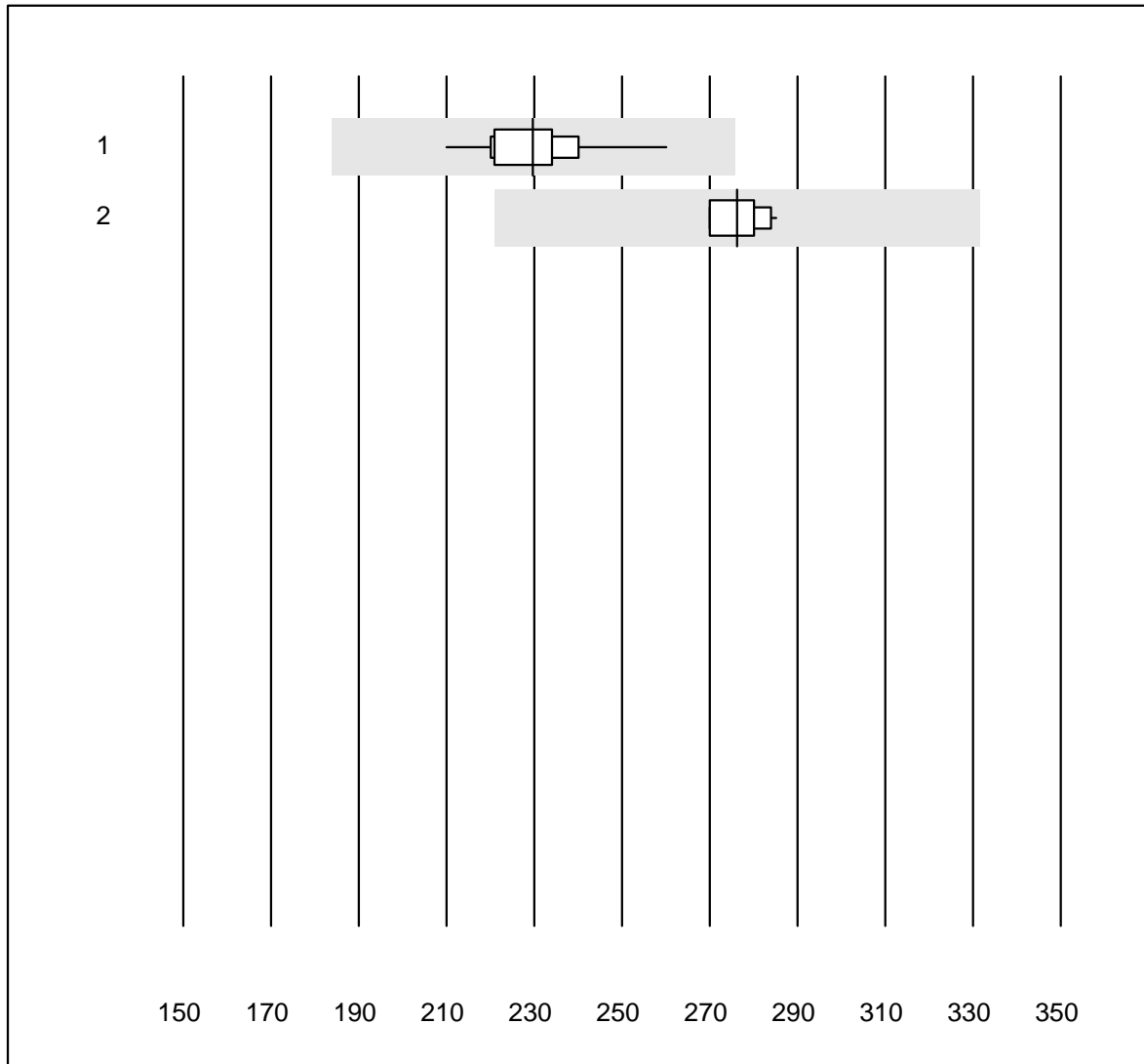


MQ tolerance : 15 %

Potassium-Urine (mmol/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 all Participants	22	100.0	0.0	0.0	39	3.4	e

total Protein-Urine

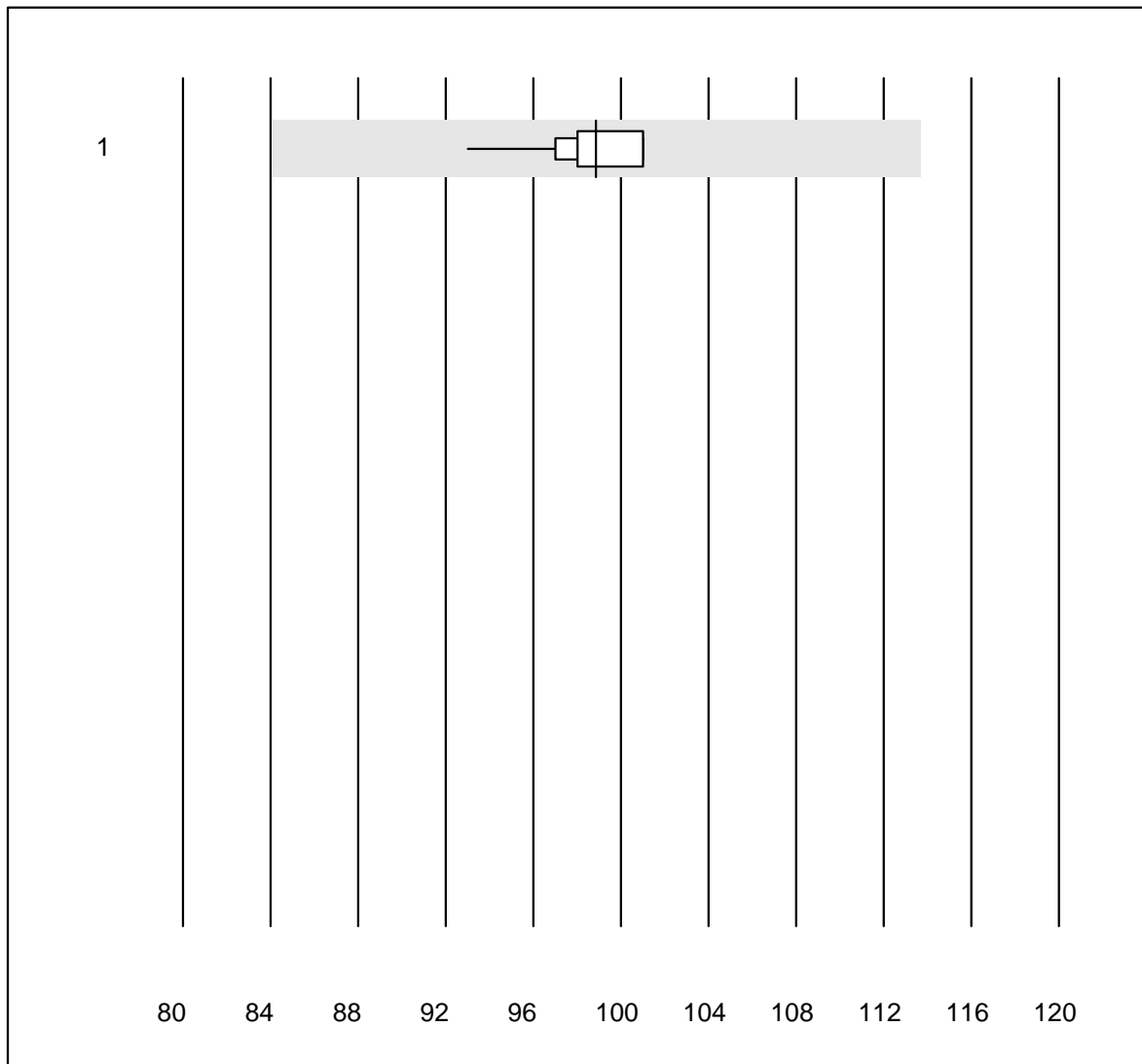


MQ tolerance : 20 %

total Protein-Urine (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas/Roche	11	100.0	0.0	0.0	229.7	5.6	e
2	Standard chemistry	11	100.0	0.0	0.0	276.2	2.0	e

Sodium-Urine



MQ tolerance : 15 %

Sodium-Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	22	100.0	0.0	0.0	99	2.1	e

Urea-Urine

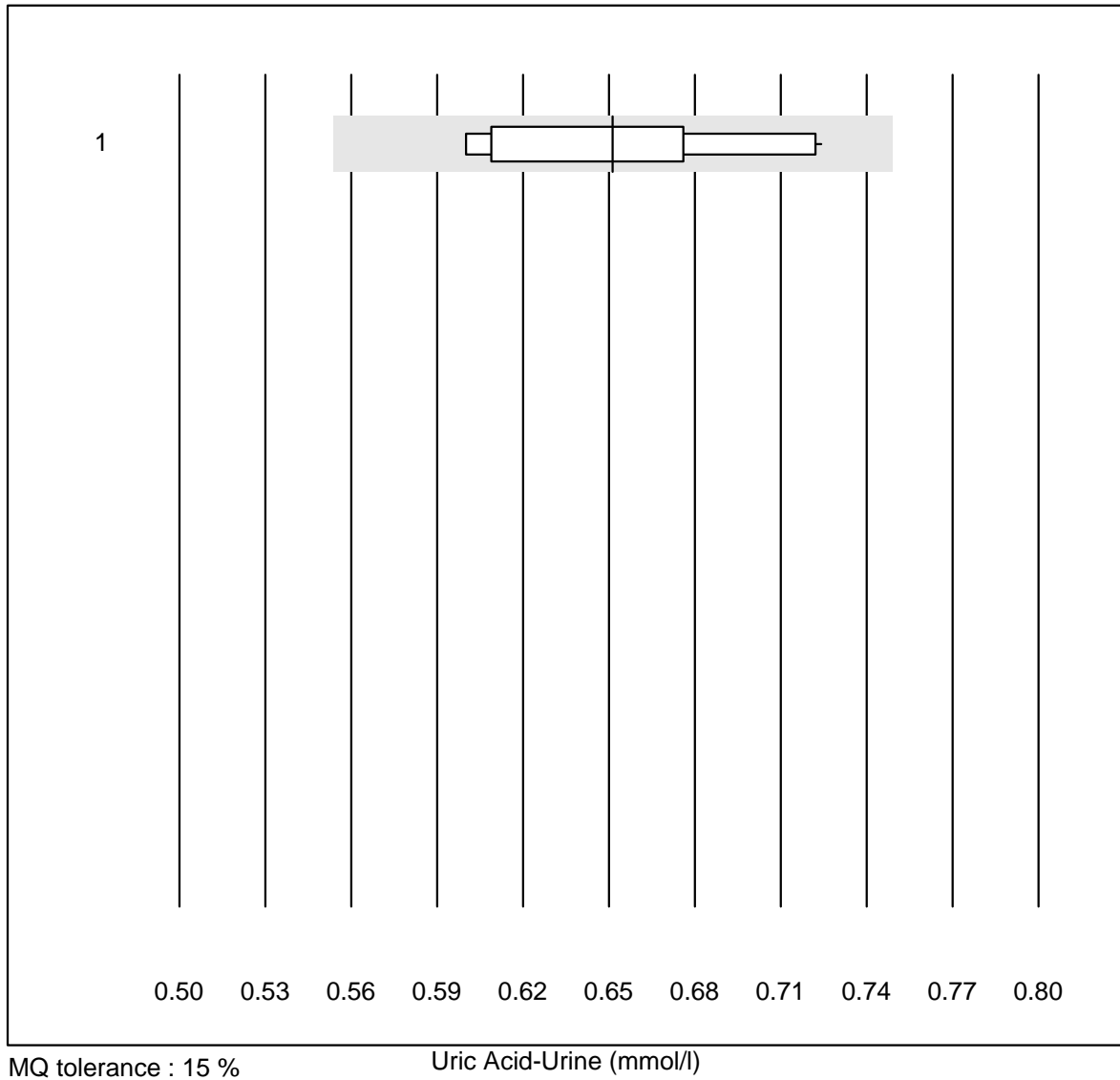


MQ tolerance : 15 %

Urea-Urine (mmol/l)

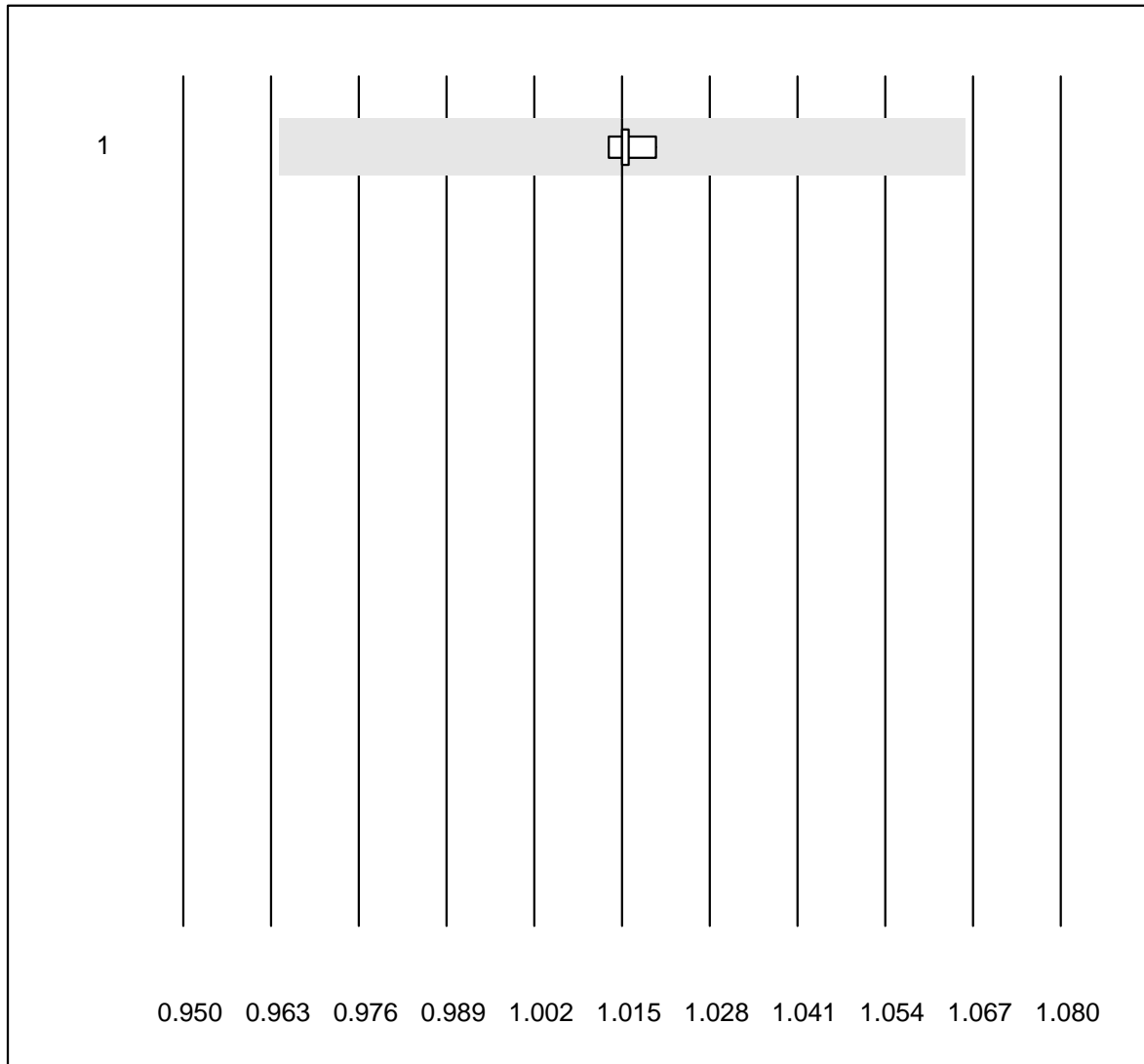
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	19	100.0	0.0	0.0	167	3.4	e

Uric Acid-Urine



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	0.65	6.7	e

Specific Gravity-Urine

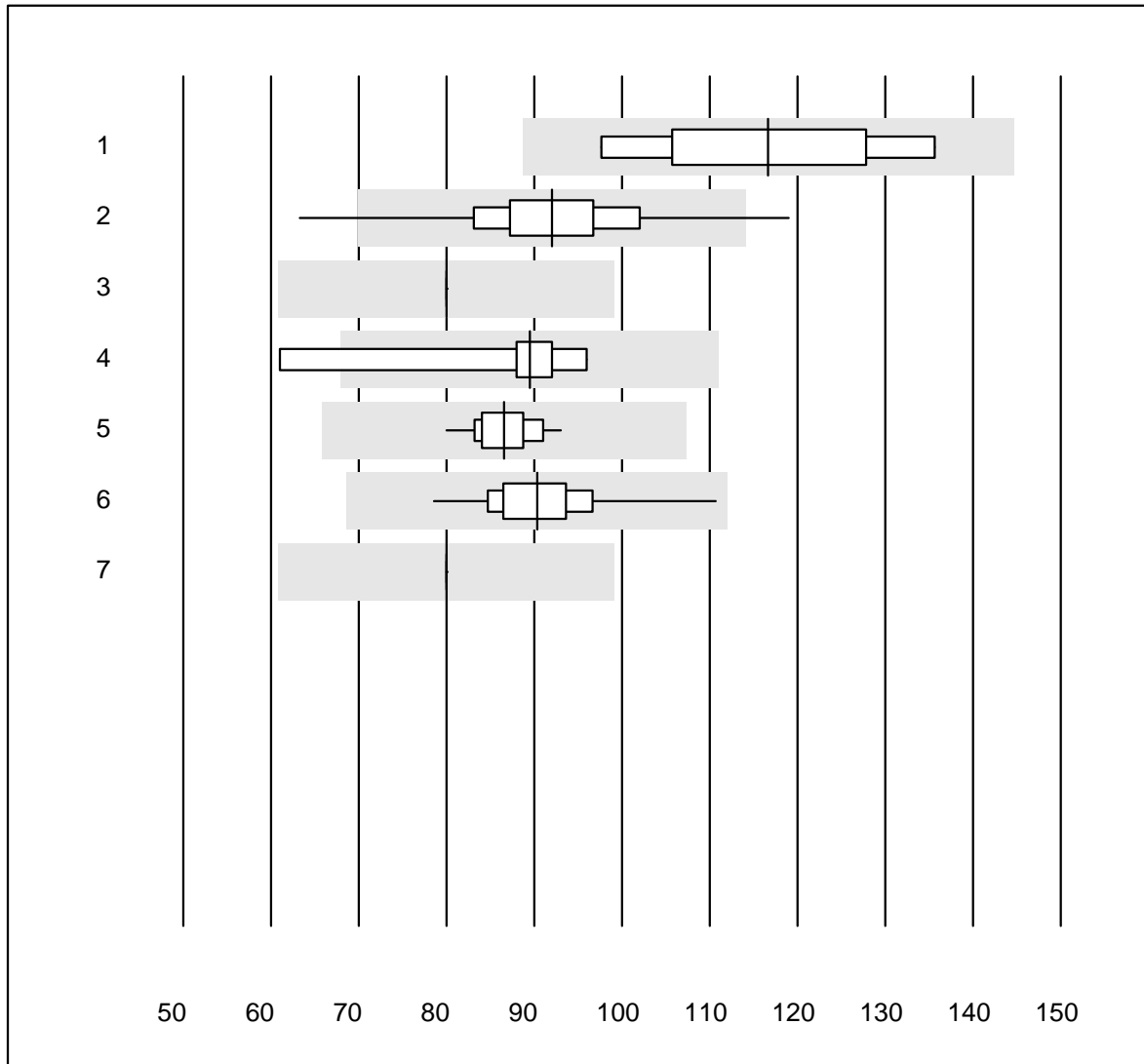


MQ tolerance : 5 %

Specific Gravity-Urine ()

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Refractometer	7	100.0	0.0	0.0	1.015	0.2	e

Creatinine U

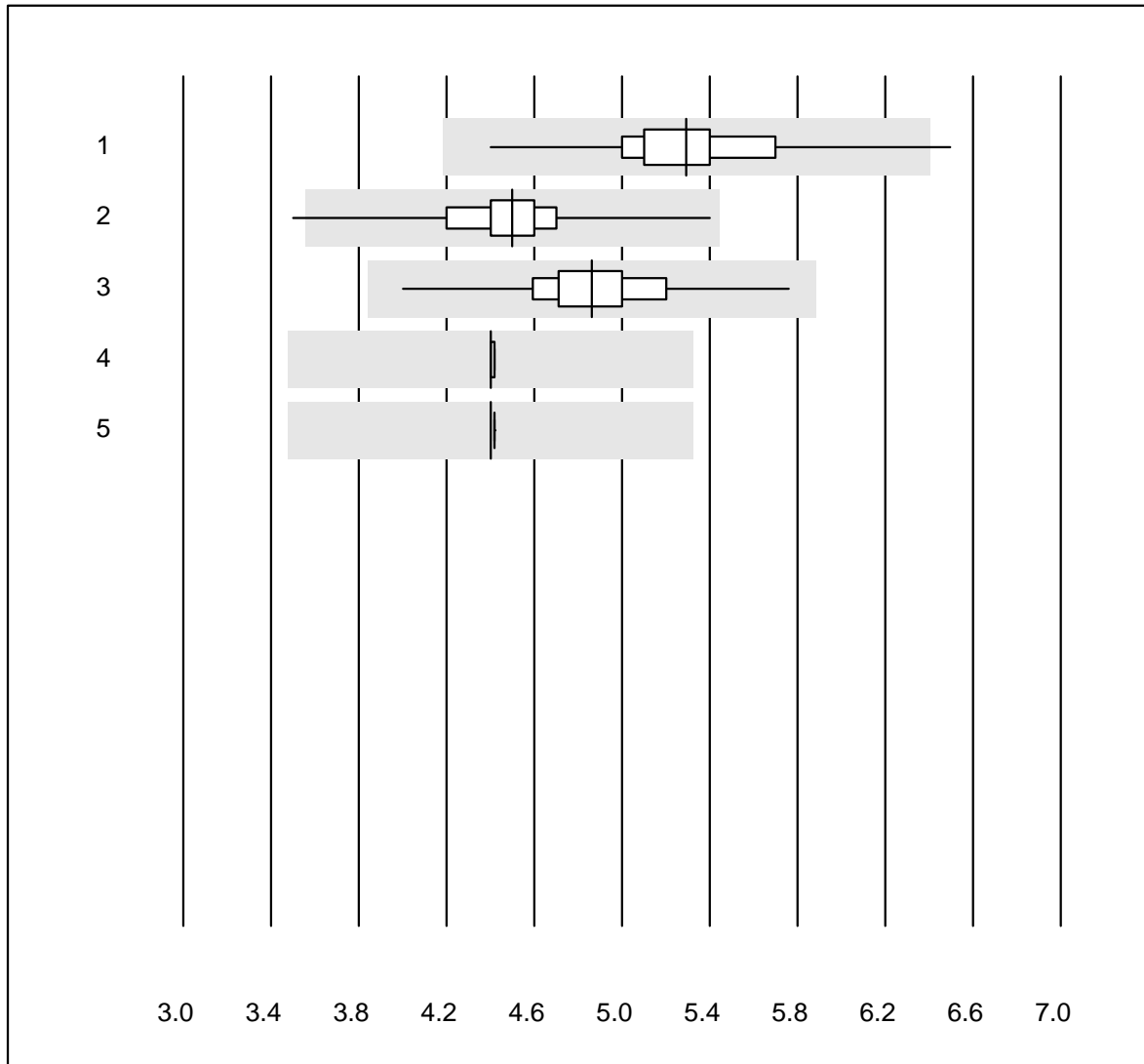


QUALAB tolerance : 24 %

Creatinine U (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AFIAS	7	100.0	0.0	0.0	116.7	11.1	a
2	Afinion	418	96.0	1.4	2.6	92.0	8.4	e
3	Other methods	7	85.7	0.0	14.3	80.0	0.0	a
4	NycoCard	6	66.6	16.7	16.7	89.5	16.4	e*
5	Turbidimetry	21	100.0	0.0	0.0	86.5	3.9	e
6	DCA2000/Vantage	135	96.3	0.0	3.7	90.3	5.8	e
7	Siemens Clinitek	11	81.8	0.0	18.2	80.0	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	135	94.9	0.7	4.4	5.3	6.0	e
2	Afinion	417	98.6	0.2	1.2	4.5	4.9	e
3	Standard chemistry	37	100.0	0.0	0.0	4.9	6.5	e
4	Siemens Clinitek	11	36.4	0.0	63.6	4.4	0.2	a
5	Other methods	6	66.7	0.0	33.3	4.4	0.0	a