

Verein für
Association pour le
Associazione per il



medizinische Qualitätskontrolle
contrôle de qualité médical
controllo di qualità medico

Survey Report

2016 - 1

Survey Specimens

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

The following survey specimens were produced specifically for MQ by a sub-contractor:
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.

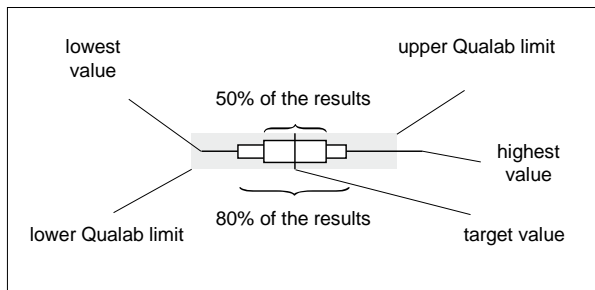
QUALAB and MQ tolerances

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:

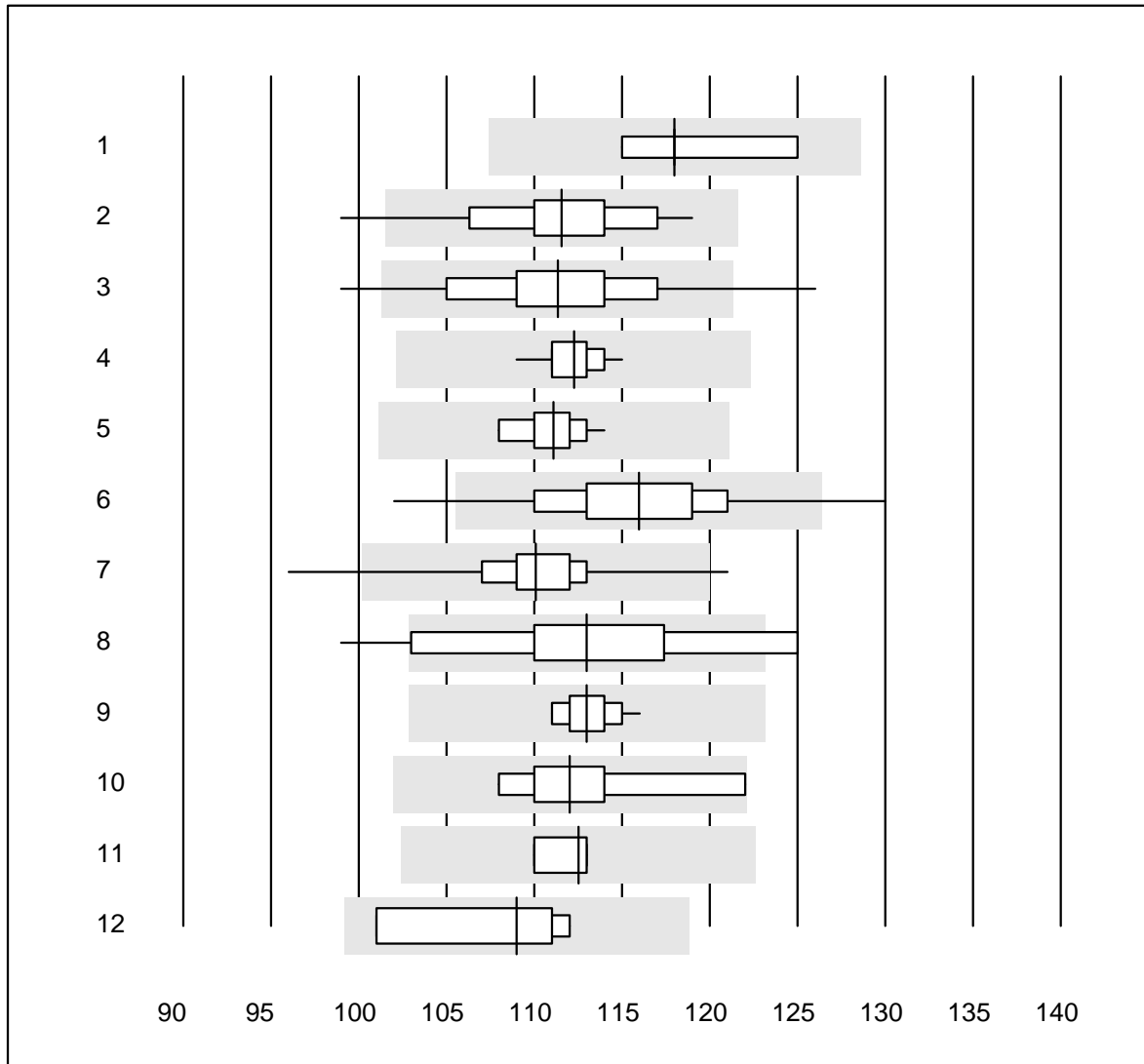
- The chemical control K1 is a ready-to-use commercial control serum. Even if the specimen is of human origin, it is possible that matrix effects occur. These are device-specific and result in different target values.
- Only one specimen was measured. Since the scatter of the results is dependent on 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, 4.4.2016

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

Hemoglobin

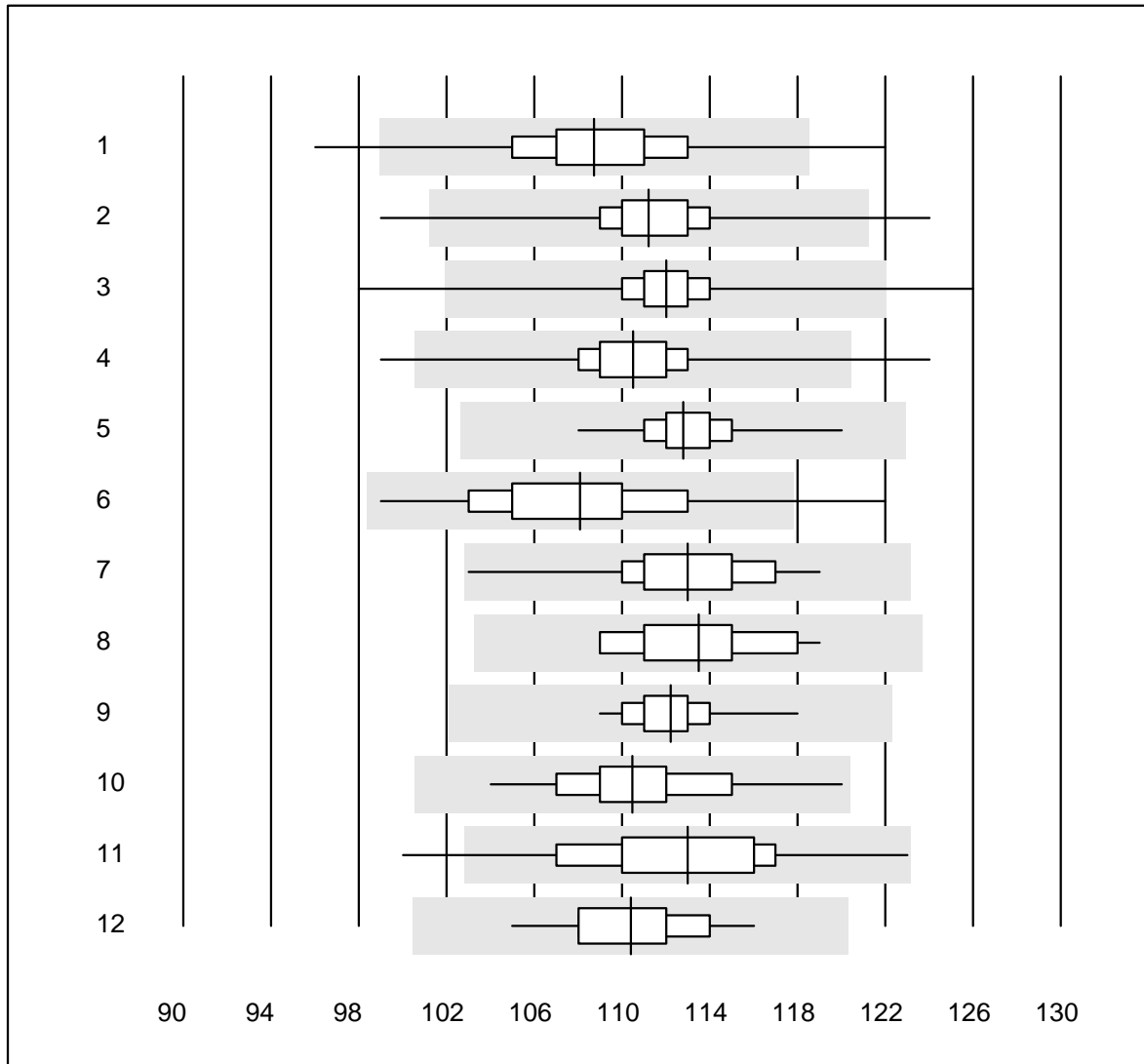


QUALAB tolerance : 9 %

Hemoglobin (g/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	DiaSpect	5	100.0	0.0	0.0	118.0	3.1	e*
2	Automat	39	97.4	2.6	0.0	111.5	3.6	e
3	Cyanmethemoglobin	47	87.2	8.5	4.3	111.3	4.7	e
4	Sysmex X	39	100.0	0.0	0.0	112.3	1.2	e
5	ABX Pentra	11	90.9	0.0	9.1	111.1	1.7	e
6	Reflotron	66	87.8	6.1	6.1	116.0	4.2	e
7	Hemocue	349	94.9	1.1	4.0	110.1	2.4	e
8	Dr. Lange	20	75.0	15.0	10.0	113.0	6.1	e*
9	Hemocontrol	13	100.0	0.0	0.0	113.0	1.3	e
10	Eurolyser	6	100.0	0.0	0.0	112.0	4.3	e*
11	Celldyn	4	75.0	0.0	25.0	112.5	1.4	e
12	MS4	4	100.0	0.0	0.0	109.0	4.6	e*

Hemoglobin

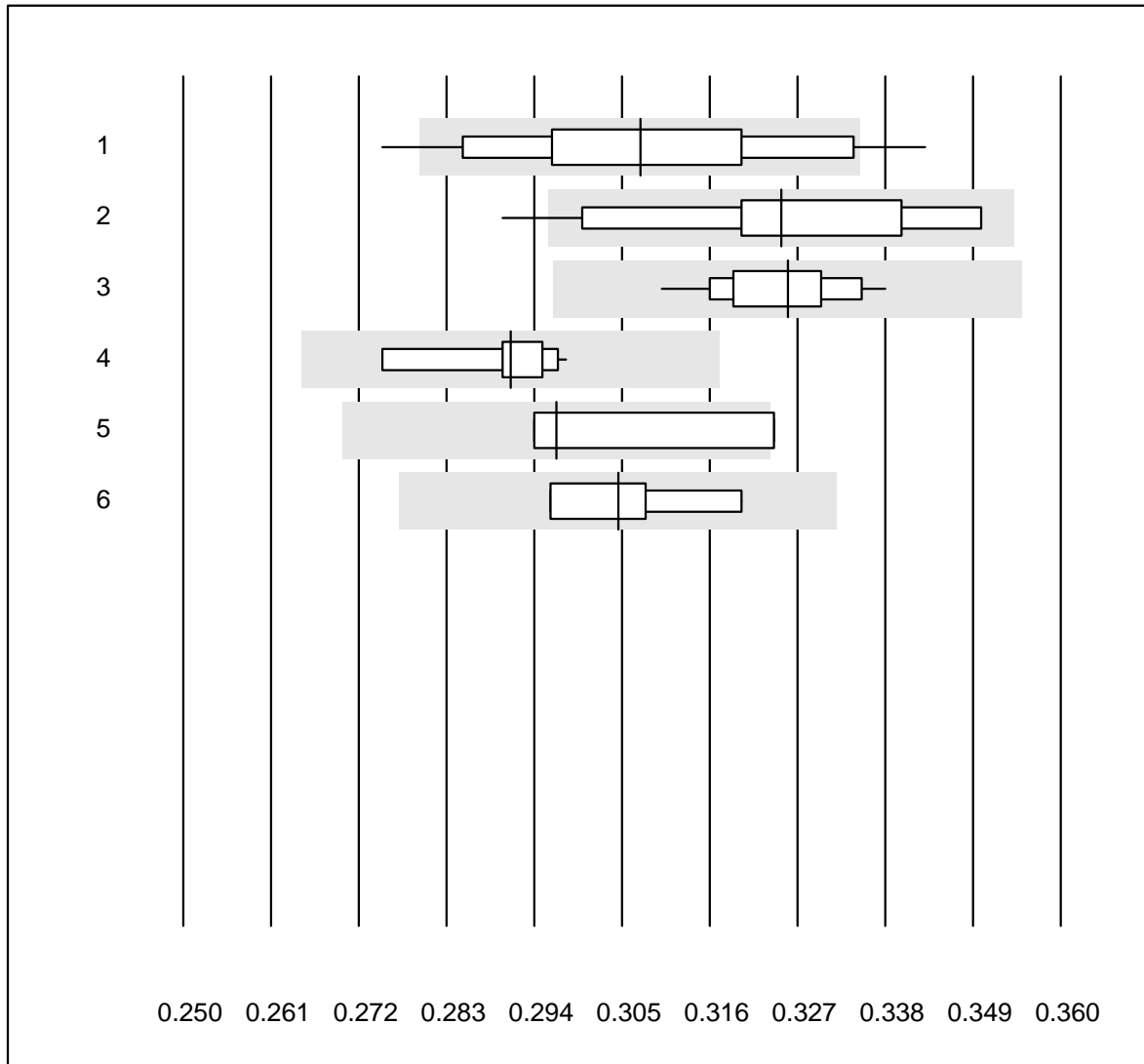


QUALAB tolerance : 9 %

Hemoglobin (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	772	95.7	0.9	3.4	108.7	3.1	e
2	Microsemi	336	96.4	0.9	2.7	111.2	2.2	e
3	Sysmex KX21	404	96.1	0.7	3.2	112.0	2.0	e
4	Sysmex PochH - 100i	206	97.5	1.0	1.5	110.5	2.4	e
5	Sysmex XP 300	237	96.2	0.0	3.8	112.8	1.6	e
6	Mythic	240	93.7	2.5	3.8	108.1	3.8	e
7	Swelab	66	98.5	0.0	1.5	113.0	2.6	e
8	Abacus Junior	12	100.0	0.0	0.0	113.5	2.7	e
9	Medonic	15	93.3	0.0	6.7	112.2	2.0	e
10	Nihon Kohden Celltac	36	94.4	0.0	5.6	110.5	2.9	e
11	Samsung HC10	44	95.5	4.5	0.0	113.0	4.1	e
12	Norma Icon 3	25	100.0	0.0	0.0	110.4	2.4	e

Hematocrit

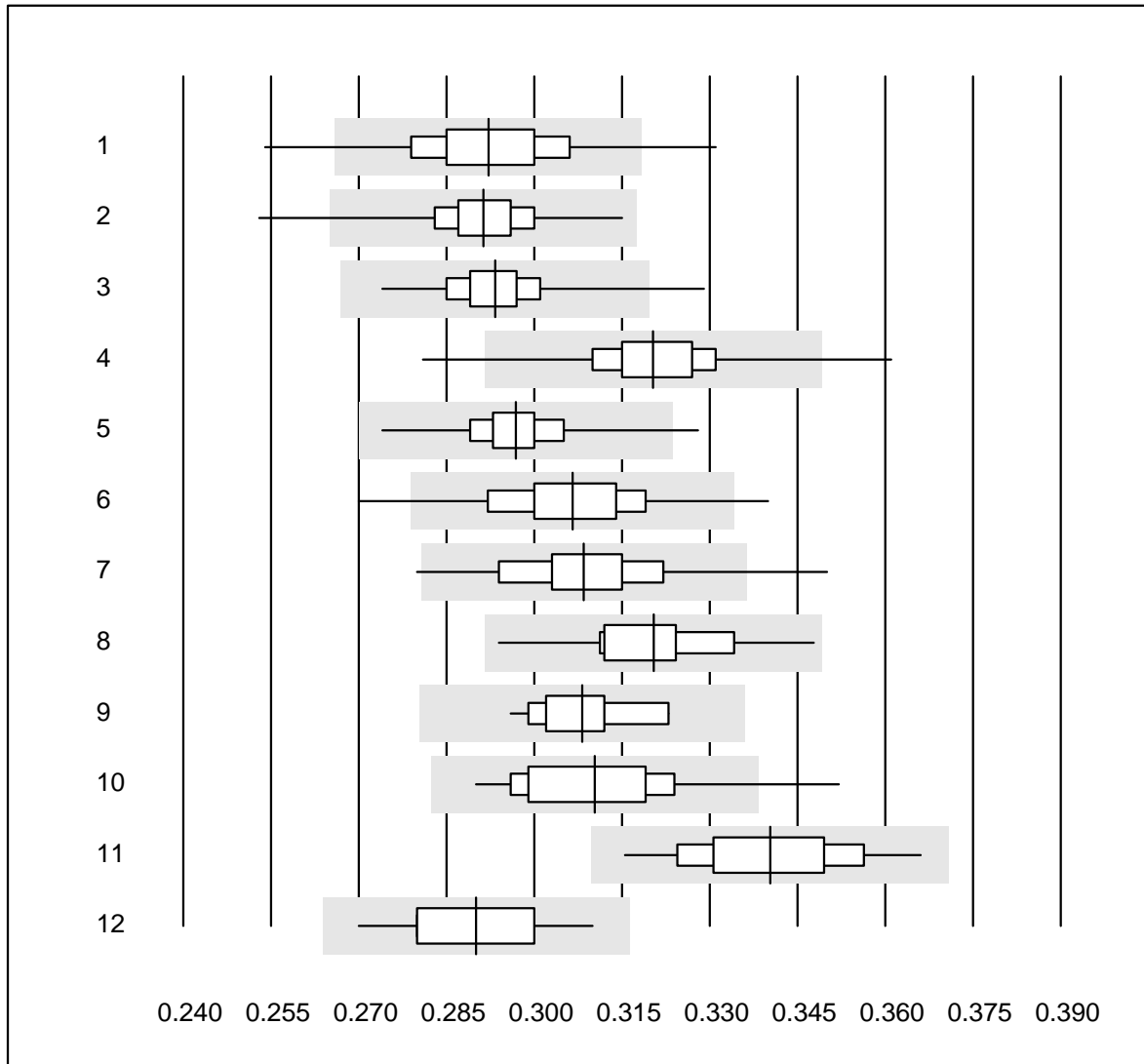


QUALAB tolerance : 9 %

Hematocrit (l/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	31	83.8	9.7	6.5	0.31	5.6	e
2	Centrifuge	13	92.3	7.7	0.0	0.33	5.5	e*
3	Sysmex X	38	100.0	0.0	0.0	0.33	2.2	e
4	ABX Pentra	11	90.9	0.0	9.1	0.29	2.2	e
5	Celldyn	4	50.0	25.0	25.0	0.30	5.2	a
6	MS4	4	100.0	0.0	0.0	0.30	3.4	e*

Hematocrit

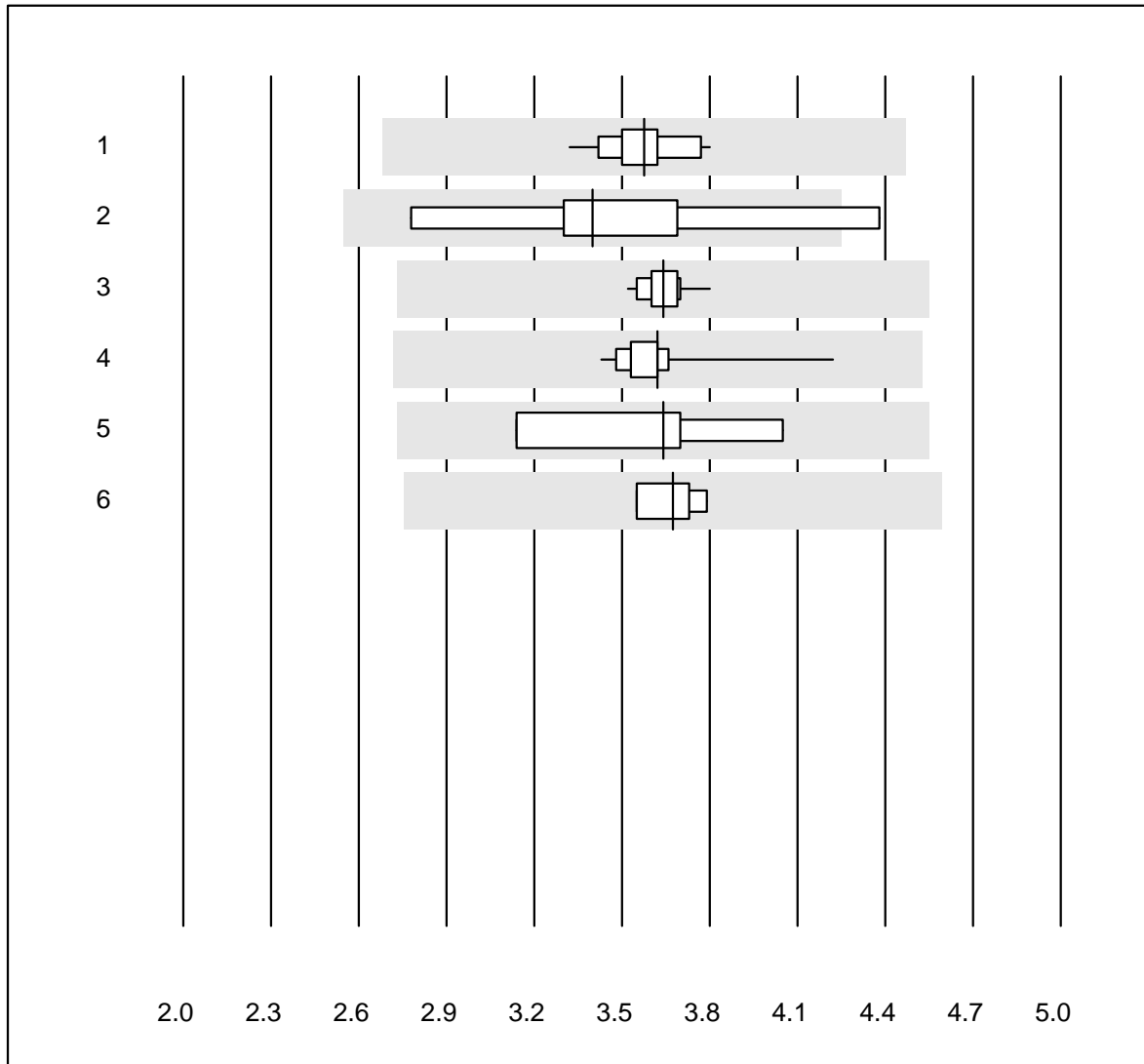


QUALAB tolerance : 9 %

Hematocrit (l/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	772	91.4	4.1	4.5	0.29	4.0	e
2	Microsemi	337	94.9	0.9	4.2	0.29	2.6	e
3	Sysmex KX21	404	97.3	0.2	2.5	0.29	2.3	e
4	Sysmex Poch - 100i	206	95.1	3.4	1.5	0.32	3.2	e
5	Sysmex XP 300	233	97.0	0.4	2.6	0.30	2.2	e
6	Mythic	240	93.8	2.9	3.3	0.31	3.9	e
7	Swelab	66	94.0	3.0	3.0	0.31	3.9	e
8	Abacus Junior	12	100.0	0.0	0.0	0.32	4.1	e*
9	Medonic	15	86.7	0.0	13.3	0.31	2.8	e
10	Nihon Kohden Celltac	36	86.1	2.8	11.1	0.31	4.4	e
11	Samsung HC10	44	100.0	0.0	0.0	0.34	3.6	e
12	Norma Icon 3	25	100.0	0.0	0.0	0.29	3.4	e

Erythrocytes

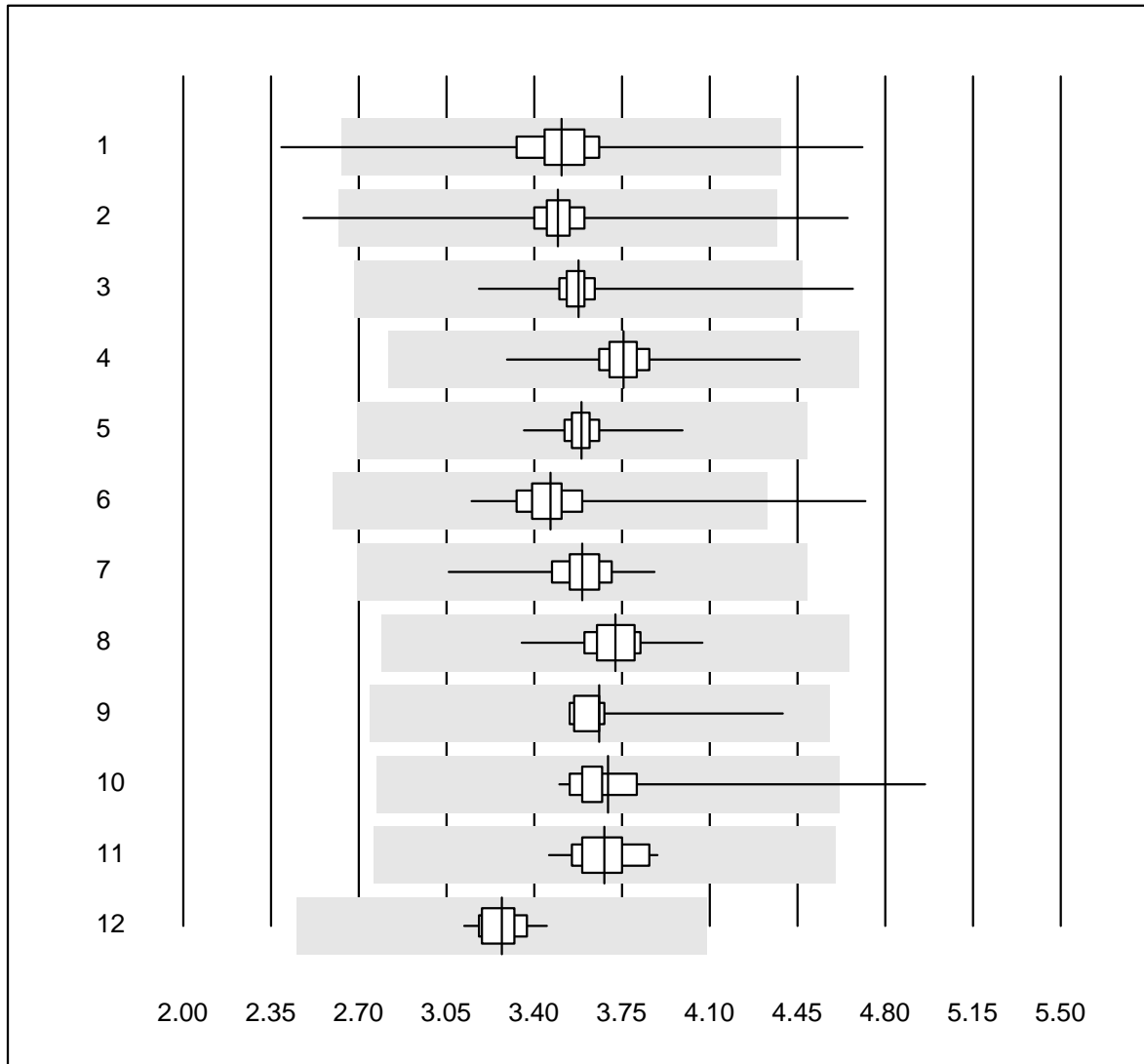


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	29	100.0	0.0	0.0	3.58	3.3	e
2	Microscopic	9	88.9	11.1	0.0	3.40	14.3	e*
3	Sysmex X	40	100.0	0.0	0.0	3.64	1.6	e
4	ABX Pentra	11	100.0	0.0	0.0	3.62	5.8	e
5	Celldyn	4	100.0	0.0	0.0	3.64	10.4	e*
6	MS4	4	100.0	0.0	0.0	3.68	2.9	e

Erythrocytes

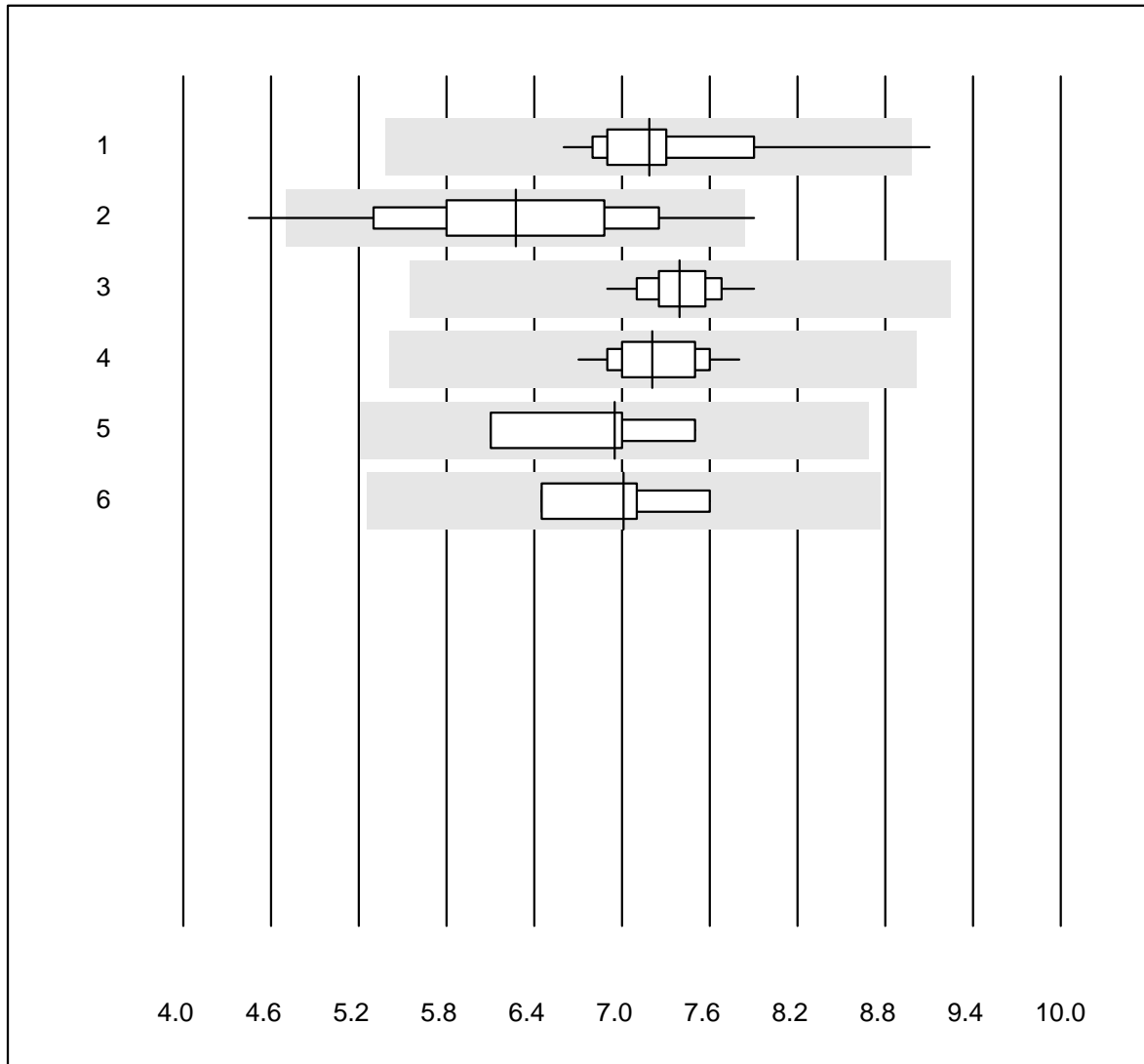


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	772	97.1	0.6	2.3	3.51	5.0	e
2	Microsemi	338	97.9	0.9	1.2	3.49	4.2	e
3	Sysmex KX21	403	97.6	0.2	2.2	3.58	2.6	e
4	Sysmex PochH - 100i	206	99.0	0.0	1.0	3.76	3.1	e
5	Sysmex XP 300	235	97.9	0.0	2.1	3.59	1.9	e
6	Mythic	239	97.1	0.4	2.5	3.46	4.1	e
7	Swelab	66	98.5	0.0	1.5	3.59	3.5	e
8	Abacus Junior	12	100.0	0.0	0.0	3.72	4.5	e
9	Medonic	15	93.3	0.0	6.7	3.66	5.9	e
10	Nihon Kohden Celltac	36	97.2	2.8	0.0	3.69	7.0	e
11	Samsung HC10	44	100.0	0.0	0.0	3.68	3.1	e
12	Norma Icon 3	25	100.0	0.0	0.0	3.27	2.6	e

Leucocytes

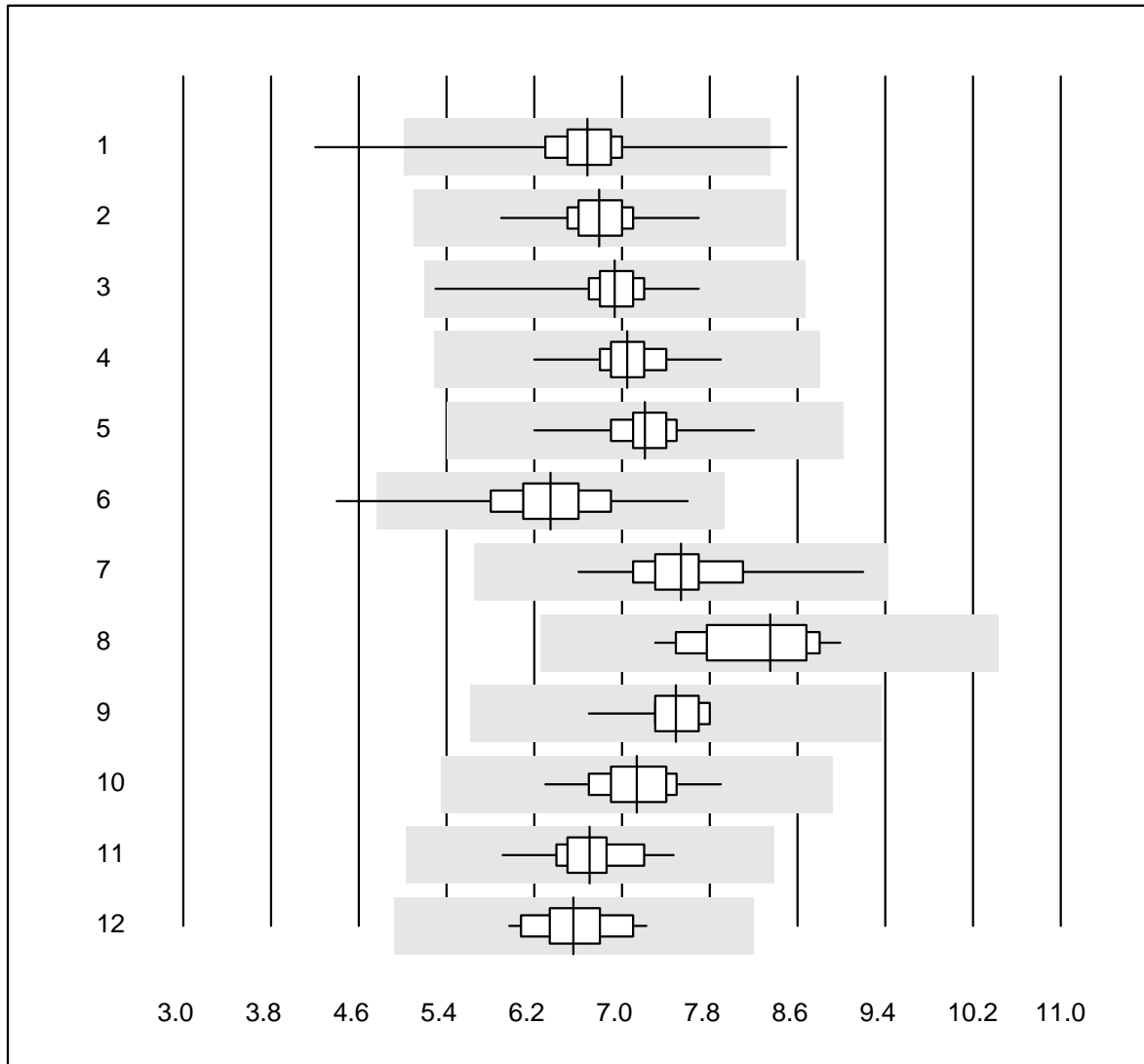


QUALAB tolerance : 25 %

Leucocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	28	96.4	3.6	0.0	7.18	7.3	e
2	Microscopic	50	88.0	4.0	8.0	6.27	12.0	e
3	Sysmex X	39	100.0	0.0	0.0	7.39	3.1	e
4	ABX Pentra	11	100.0	0.0	0.0	7.21	4.7	e
5	Celldyn	4	100.0	0.0	0.0	6.95	8.4	e*
6	MS4	4	100.0	0.0	0.0	7.01	6.8	e*

Leucocytes

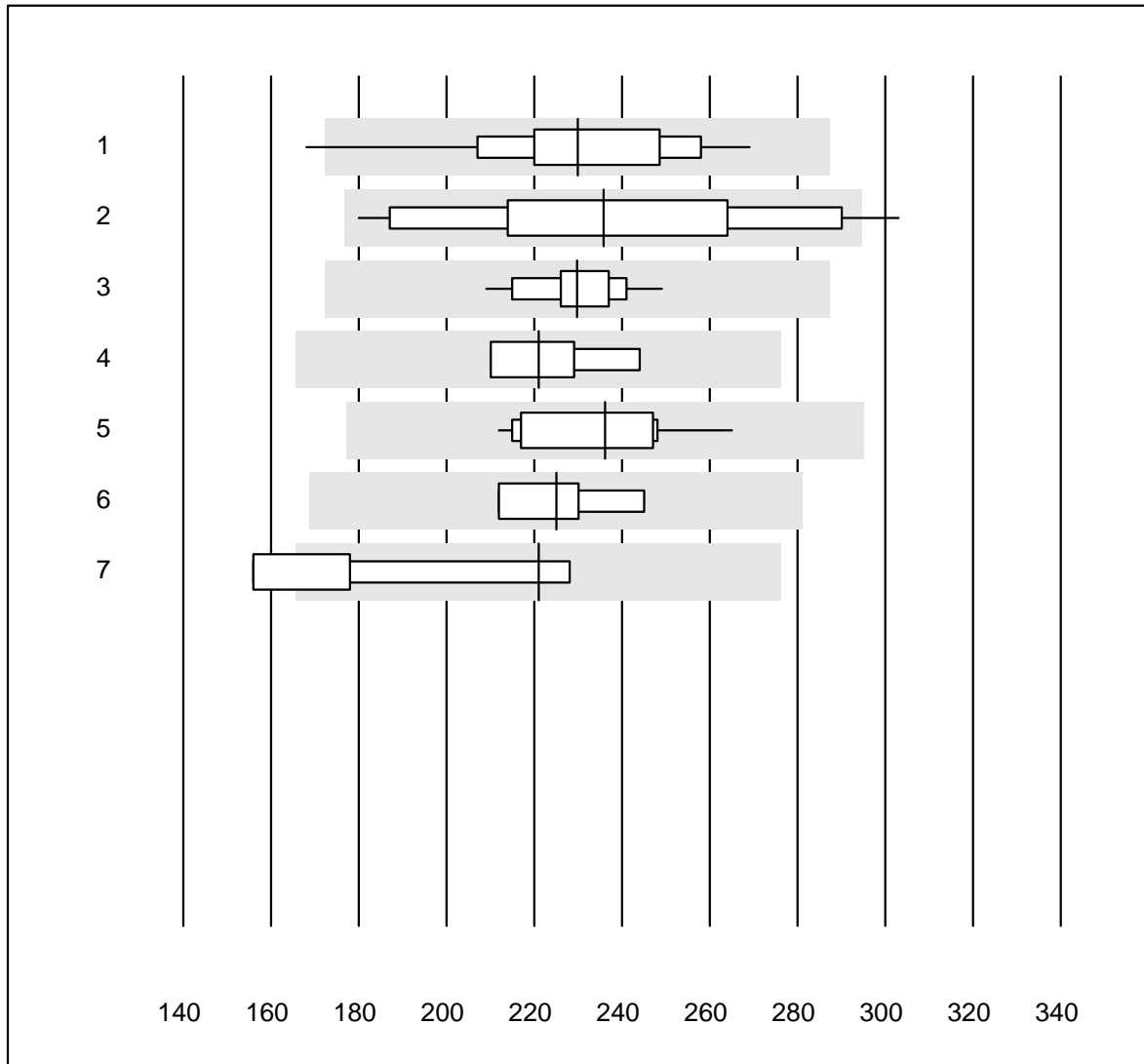


QUALAB tolerance : 25 %

Leucocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	772	98.2	0.5	1.3	6.68	5.2	e
2	Microsemi	339	99.1	0.0	0.9	6.79	4.0	e
3	Sysmex KX21	403	99.0	0.0	1.0	6.93	3.6	e
4	Sysmex PochH - 100i	206	99.0	0.0	1.0	7.04	3.8	e
5	Sysmex XP 300	237	100.0	0.0	0.0	7.21	3.4	e
6	Mythic	239	98.3	1.3	0.4	6.35	7.0	e
7	Swelab	66	100.0	0.0	0.0	7.54	5.3	e
8	Abacus Junior	12	100.0	0.0	0.0	8.35	6.5	e
9	Medonic	15	100.0	0.0	0.0	7.49	3.8	e
10	Nihon Kohden Celltac	36	100.0	0.0	0.0	7.14	4.7	e
11	Samsung HC10	44	100.0	0.0	0.0	6.71	4.8	e
12	Norma Icon 3	25	100.0	0.0	0.0	6.56	5.3	e

Thrombocytes

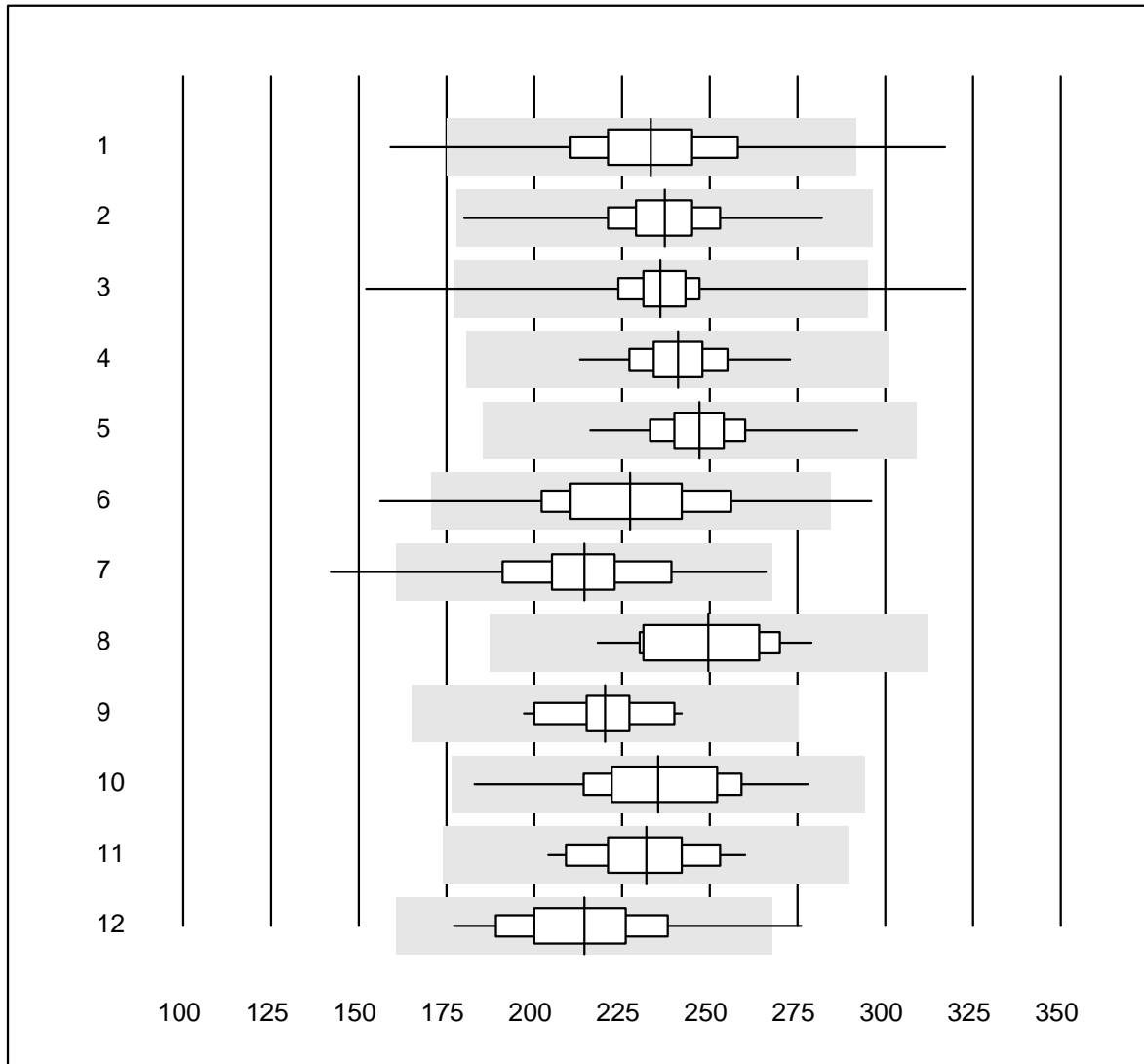


QUALAB tolerance : 25 %

Thrombocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	26	96.2	3.8	0.0	229.9	10.1	e
2	Microscopic	30	90.0	3.3	6.7	235.8	14.6	e
3	Sysmex X	39	100.0	0.0	0.0	229.8	3.8	e
4	Advia 120	4	100.0	0.0	0.0	221.0	7.0	e*
5	ABX Pentra	11	100.0	0.0	0.0	236.1	7.1	e
6	Celldyn	4	100.0	0.0	0.0	225.0	6.3	e*
7	MS4	4	75.0	25.0	0.0	221.0	16.5	a

Thrombocytes

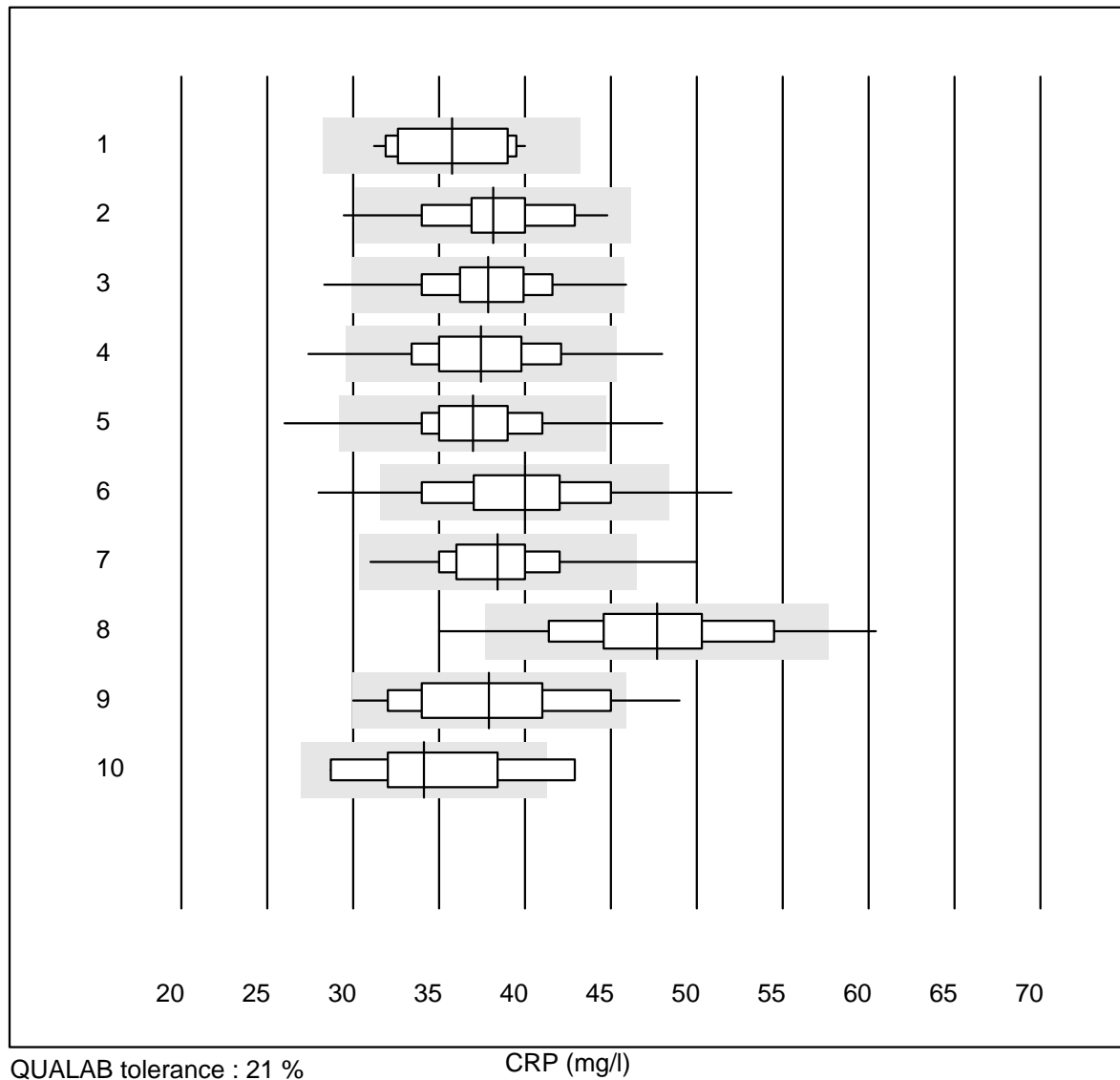


QUALAB tolerance : 25 %

Thrombocytes (G/l)

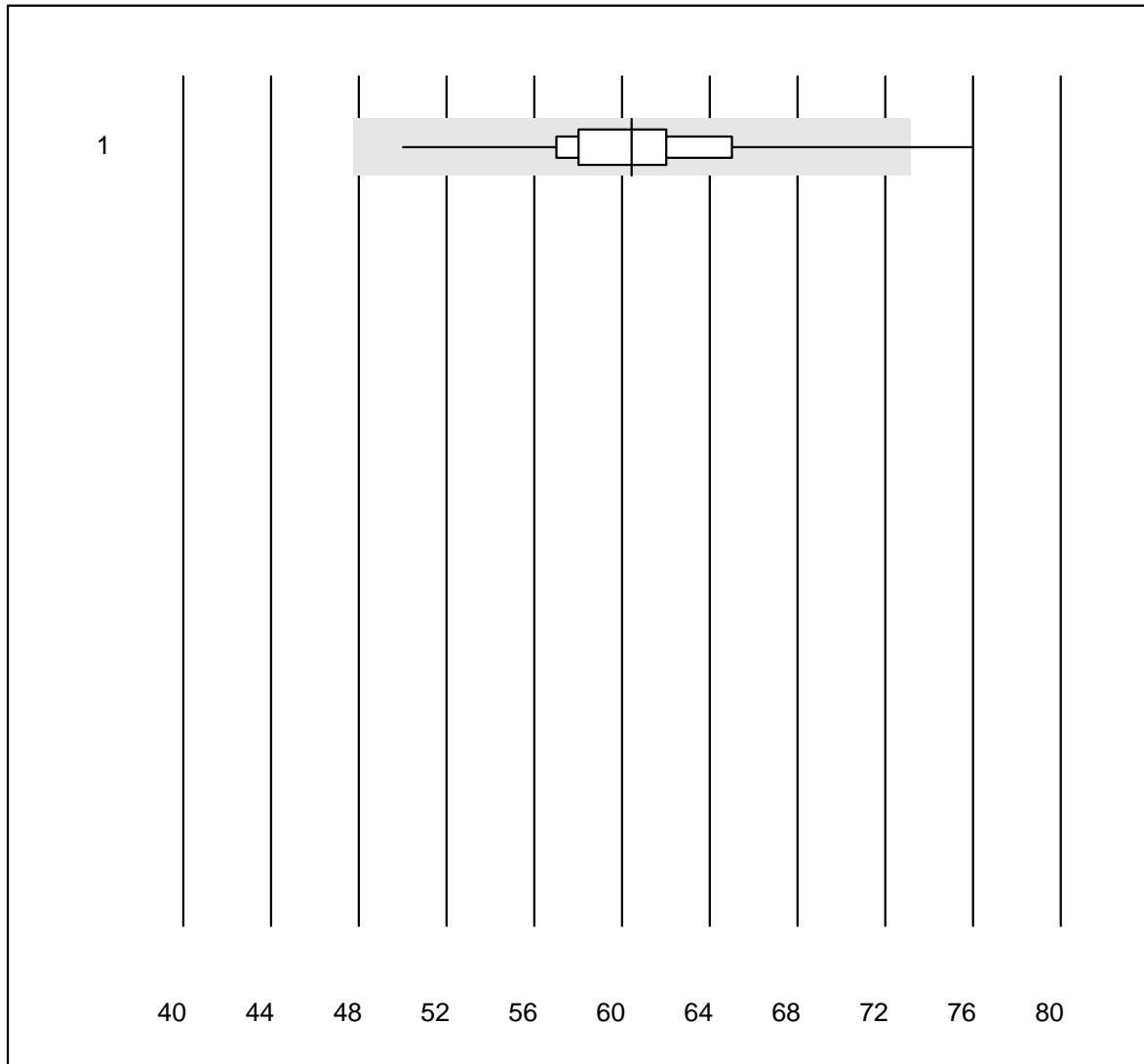
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	771	96.0	2.1	1.9	233.2	8.9	e
2	Microsemi	339	99.1	0.0	0.9	237.1	5.7	e
3	Sysmex KX21	404	97.8	1.2	1.0	236.0	5.4	e
4	Sysmex Poch - 100i	205	99.5	0.0	0.5	241.0	4.5	e
5	Sysmex XP 300	236	98.7	0.0	1.3	247.0	4.4	e
6	Mythic	240	94.1	2.1	3.8	227.4	10.1	e
7	Swelab	66	98.5	1.5	0.0	214.3	9.0	e
8	Abacus Junior	12	100.0	0.0	0.0	249.7	7.4	e
9	Medonic	15	93.3	0.0	6.7	220.1	6.0	e
10	Nihon Kohden Celltac	36	100.0	0.0	0.0	235.3	8.6	e
11	Samsung HC10	44	100.0	0.0	0.0	231.8	6.7	e
12	Norma Icon 3	25	96.0	4.0	0.0	214.3	10.3	e

CRP



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas	11	100.0	0.0	0.0	35.7	8.5	e*
2	Turbidimetry	36	91.6	5.6	2.8	38.1	9.2	e
3	Abx Micros	107	90.6	1.9	7.5	37.8	8.3	e
4	ABX Micros CRP200	299	94.0	2.7	3.3	37.5	9.3	e
5	Afinion	1221	96.9	2.0	1.1	37.0	8.2	e
6	NycoCard SingleTest-	370	80.3	5.9	13.8	40.0	11.3	e
7	Quick Read go	138	94.2	2.2	3.6	38.4	8.4	e
8	Eurolyser	127	80.4	3.1	16.5	47.7	10.2	e
9	Fuji Dri-Chem	27	81.5	7.4	11.1	37.9	12.6	e
10	Autolyser/DiaSys	8	75.0	12.5	12.5	34.1	13.5	e*

CRP

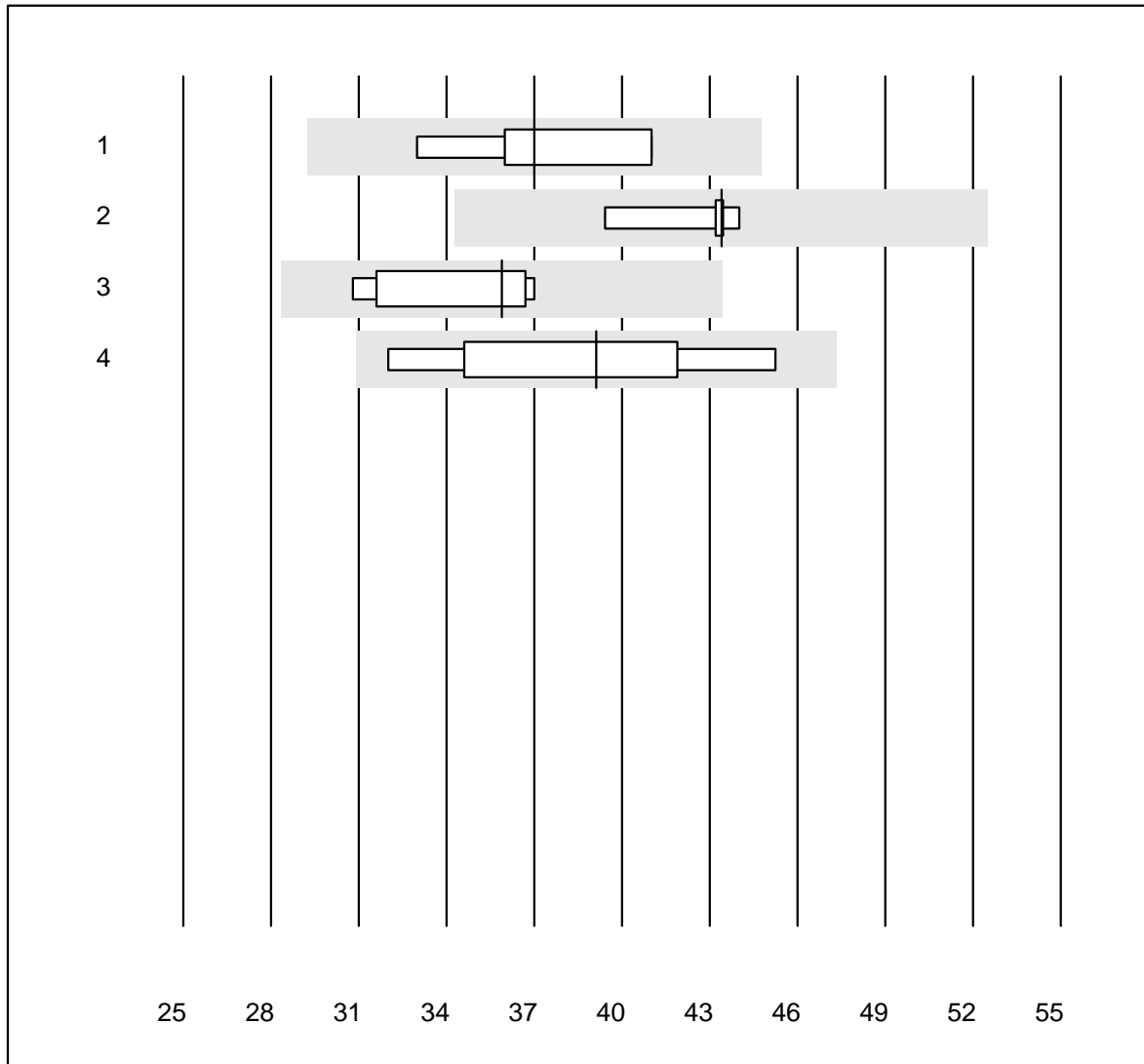


QUALAB tolerance : 21 %

CRP (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	QuikRead (Vollblut)	154	97.4	1.3	1.3	60.4	6.3	e

CRP

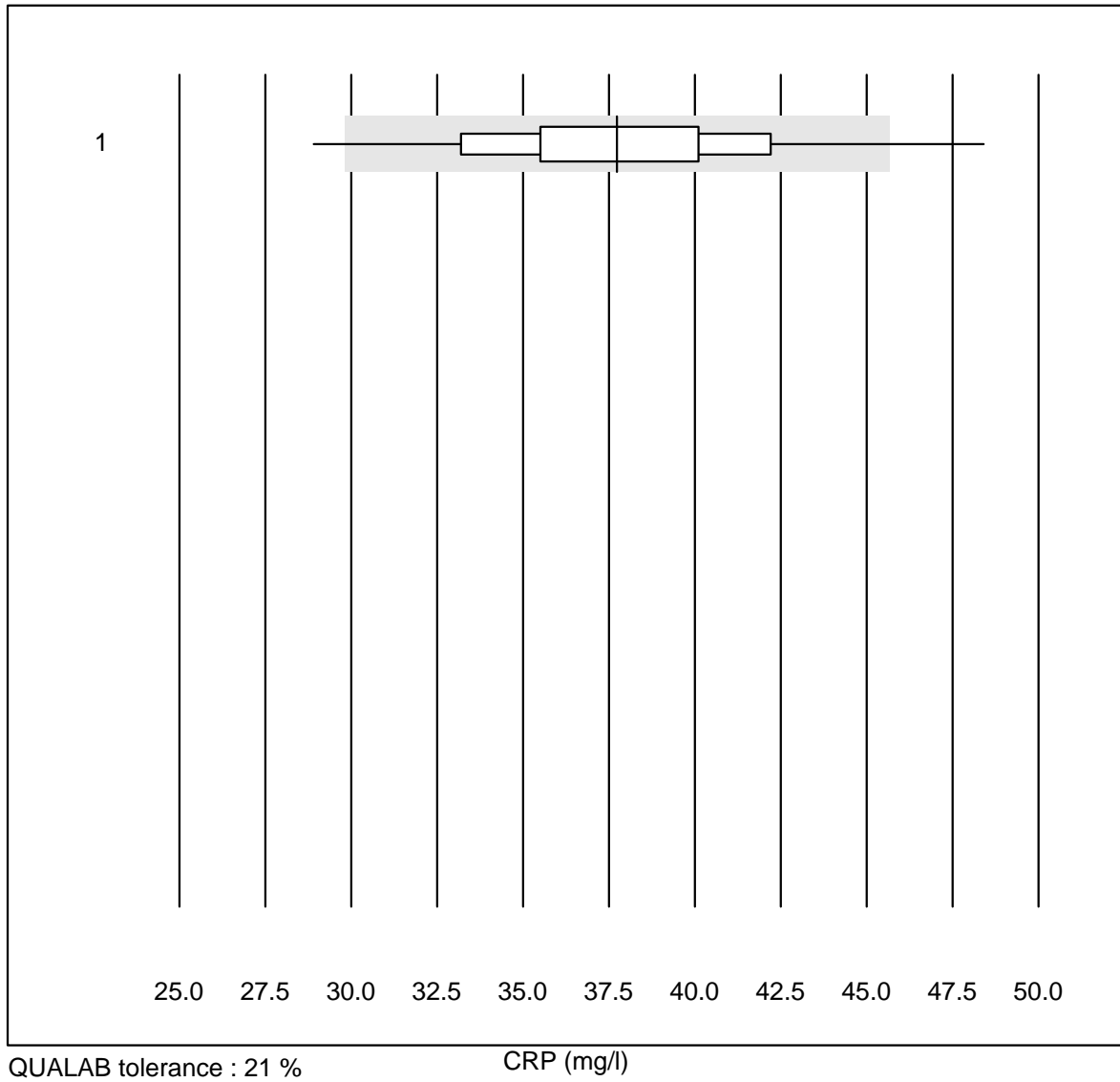


QUALAB tolerance : 210 %

CRP (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AQT 90 FLEX	6	100.0	0.0	0.0	37.0	8.2	e
2	Spotchem D-Concept	5	100.0	0.0	0.0	43.4	4.3	e
3	Spotchem SI-3510	5	100.0	0.0	0.0	35.9	8.6	e
4	Other methods	5	100.0	0.0	0.0	39.1	13.9	e

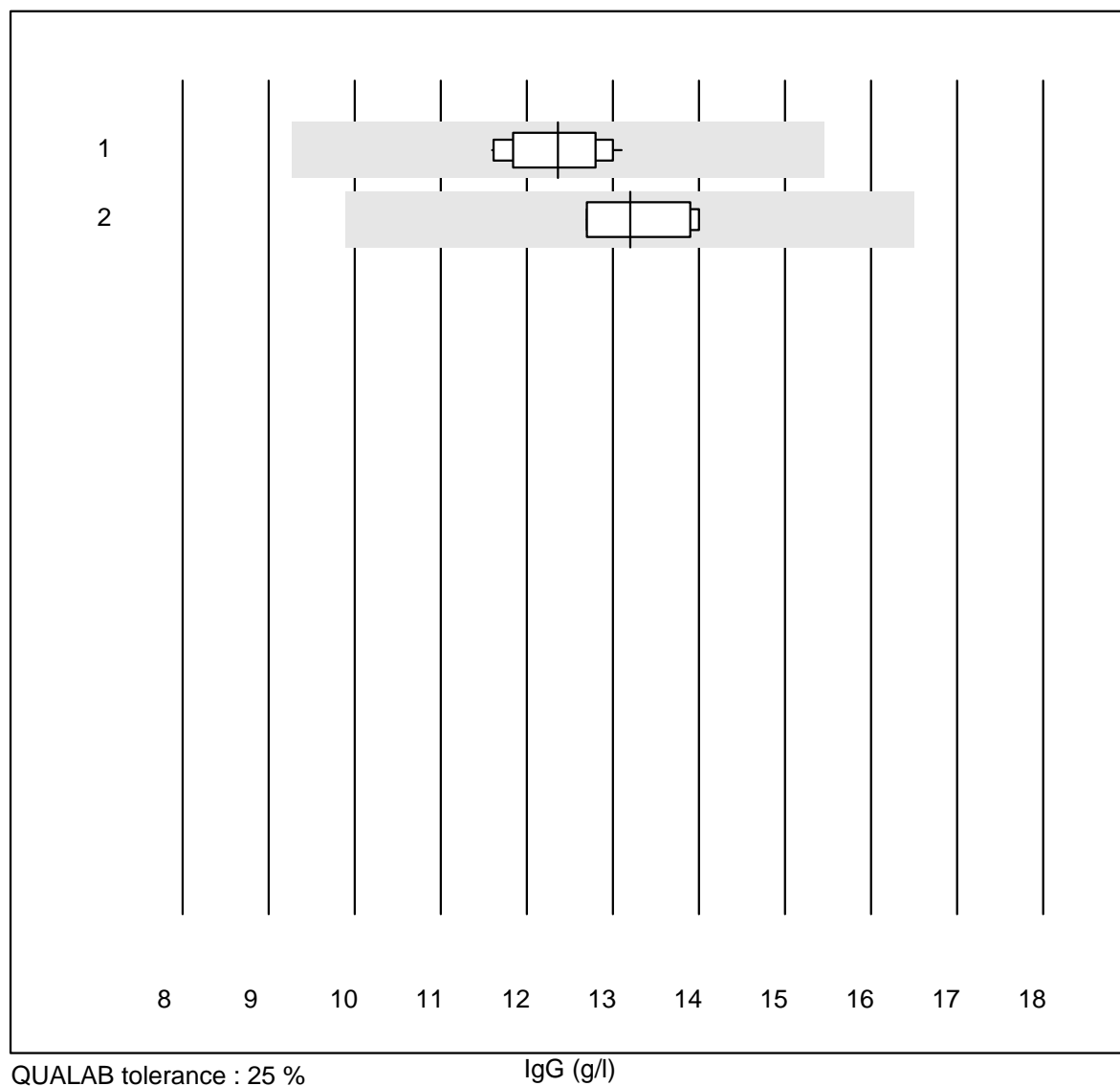
CRP



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Microsemi	335	94.6	1.8	3.6	37.7	9.2	e

I2 Plasmaproteins

IgG

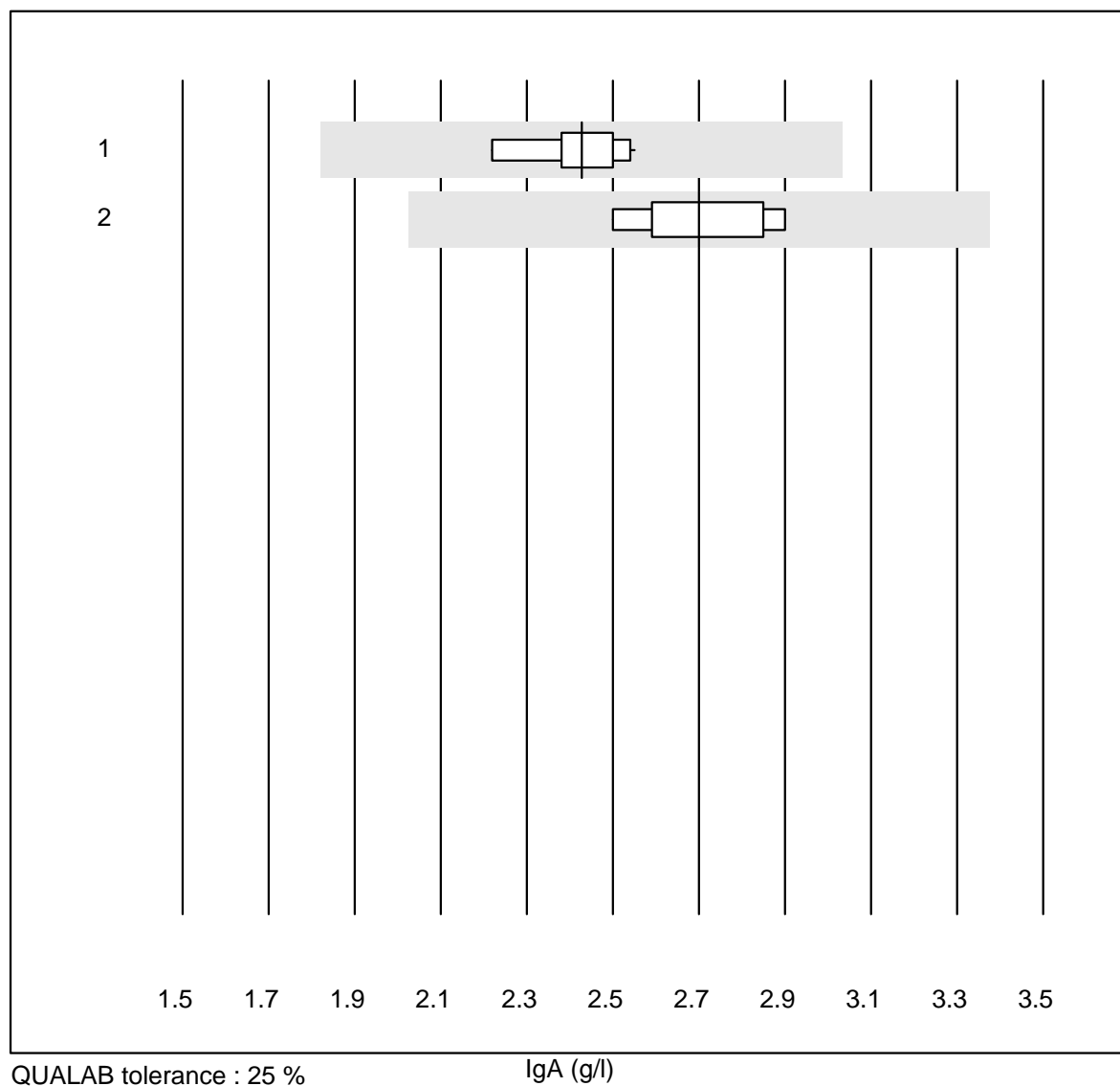


QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	11	100.0	0.0	0.0	12.4	4.2	e
2	Nephelometry	7	100.0	0.0	0.0	13.2	4.0	e

I2 Plasmaproteins

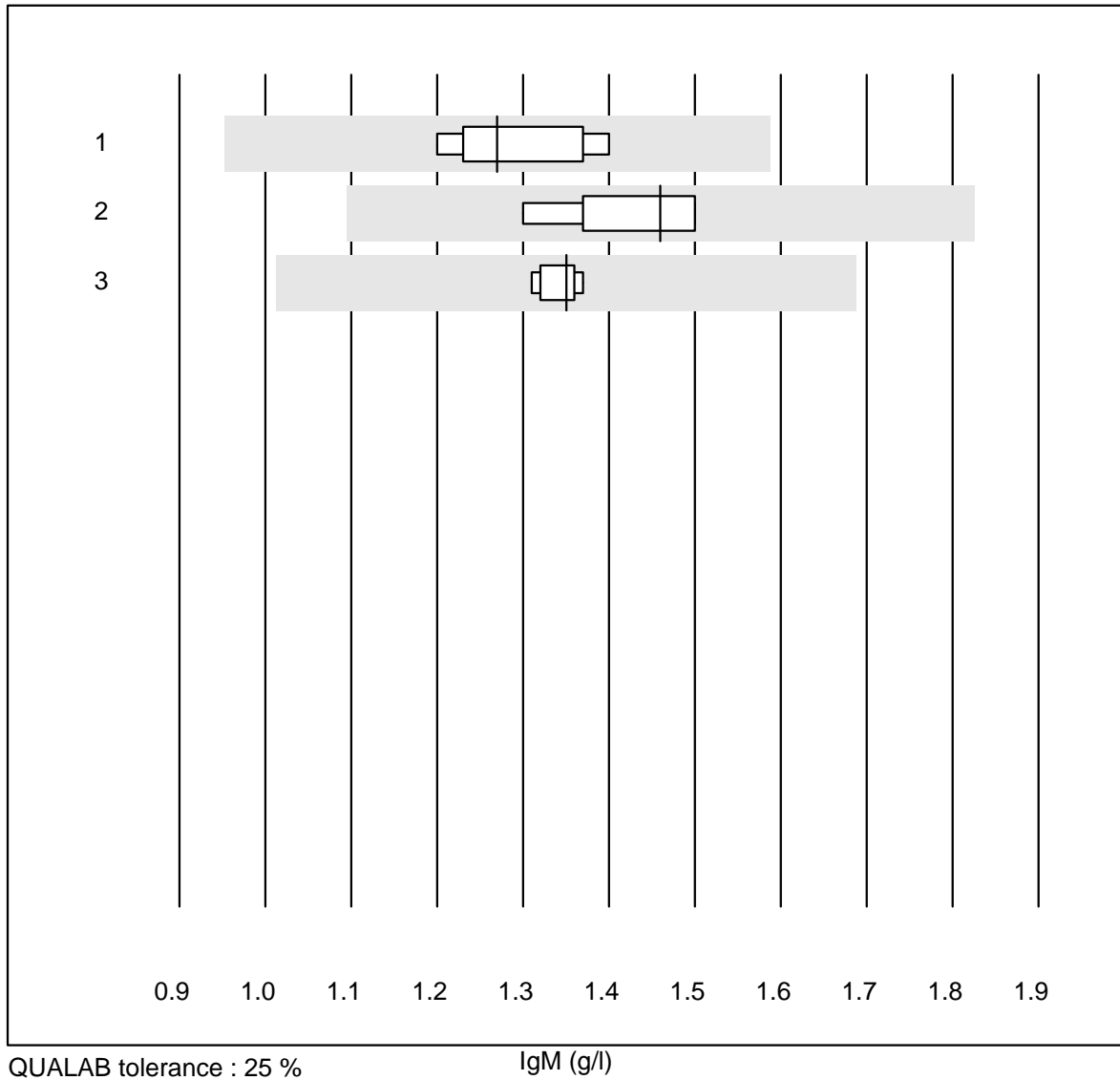
IgA



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	10	100.0	0.0	0.0	2.4	4.2	e
2	Nephelometry	7	100.0	0.0	0.0	2.7	5.6	e

I2 Plasmaproteins

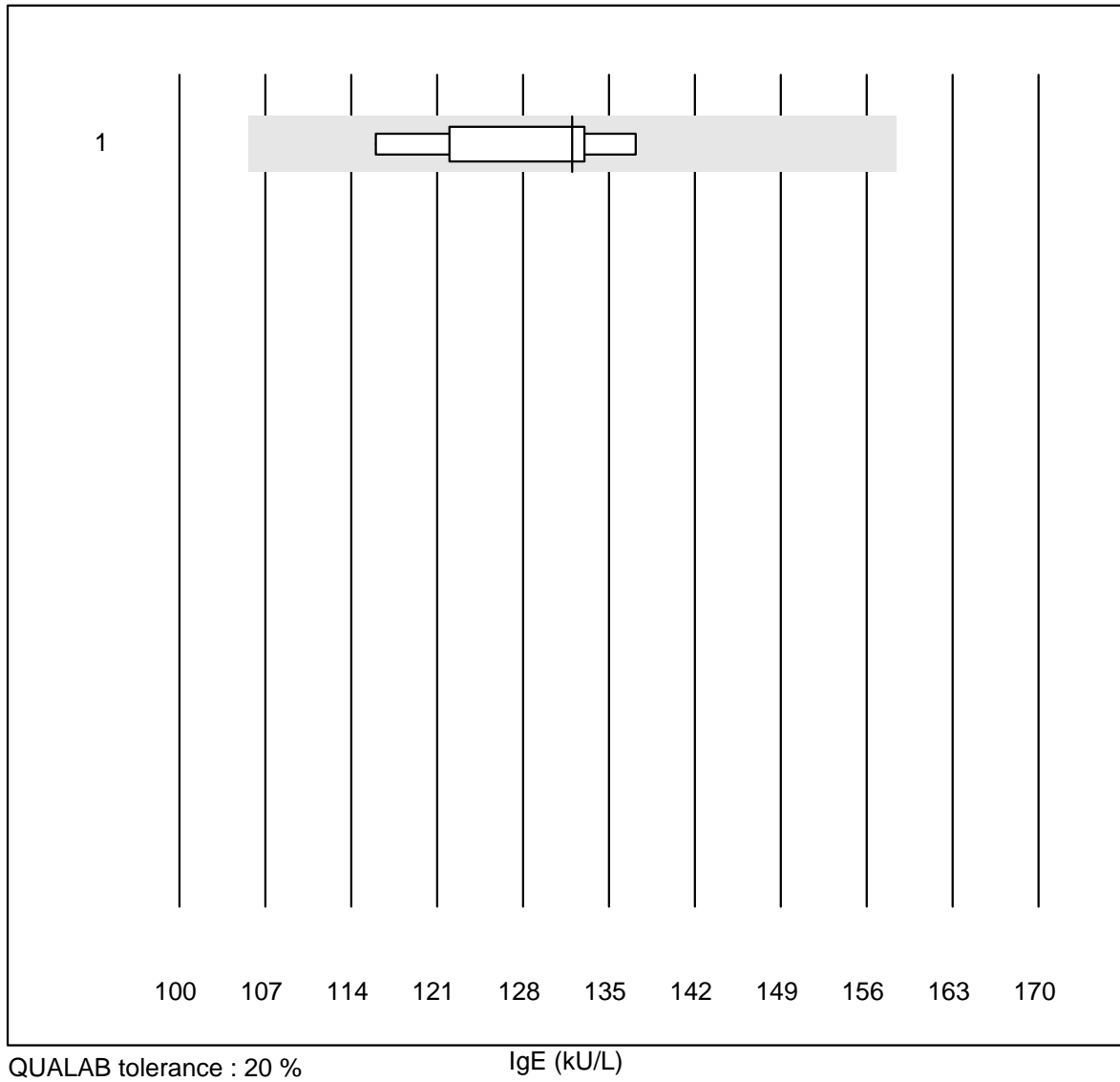
IgM



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	6	100.0	0.0	0.0	1.3	6.1	e
2	Nephelometry	7	100.0	0.0	0.0	1.5	5.3	e
3	Cobas Integra 800/40	5	100.0	0.0	0.0	1.4	1.9	e

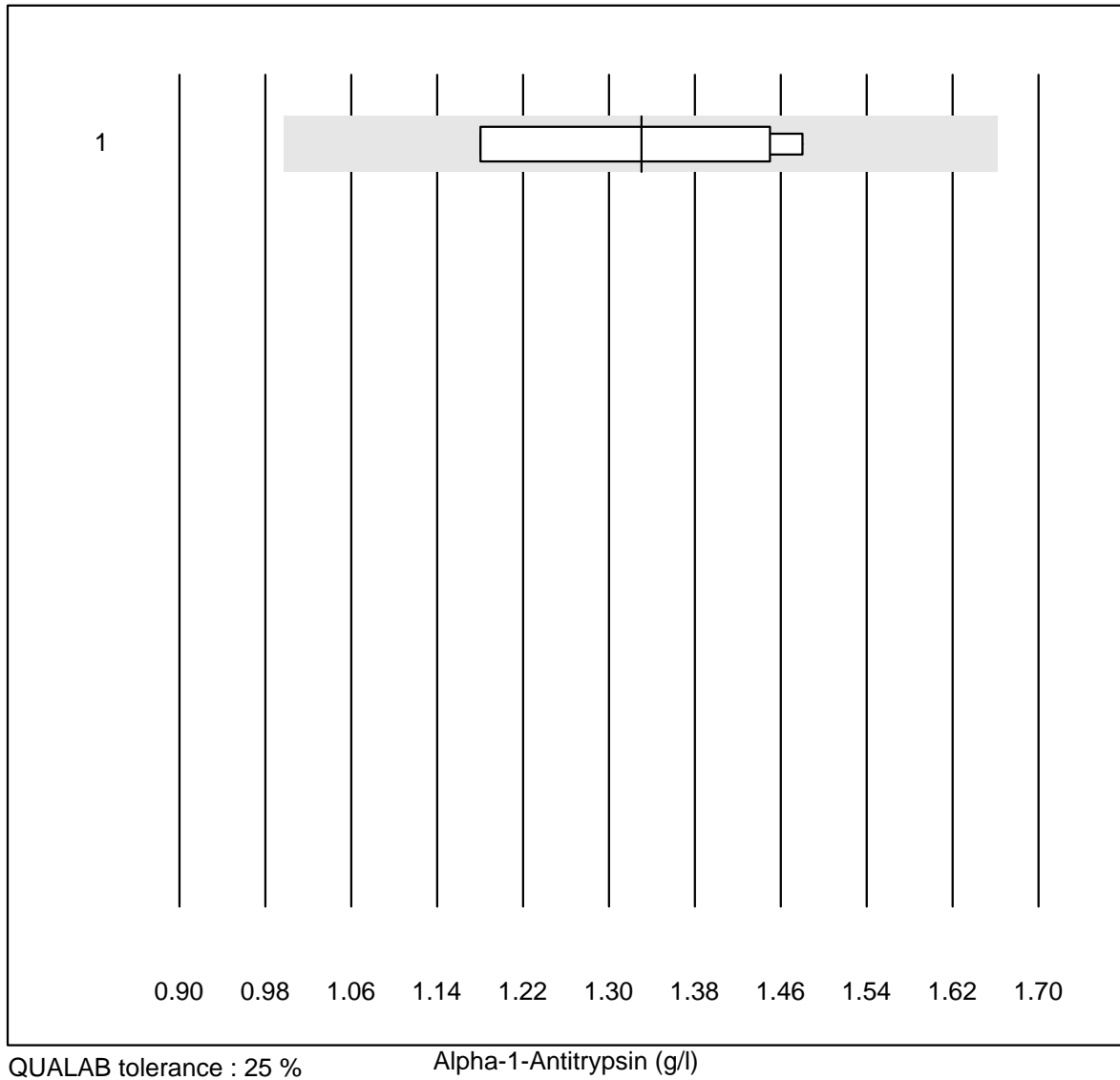
I2 Plasmaproteins

IgE



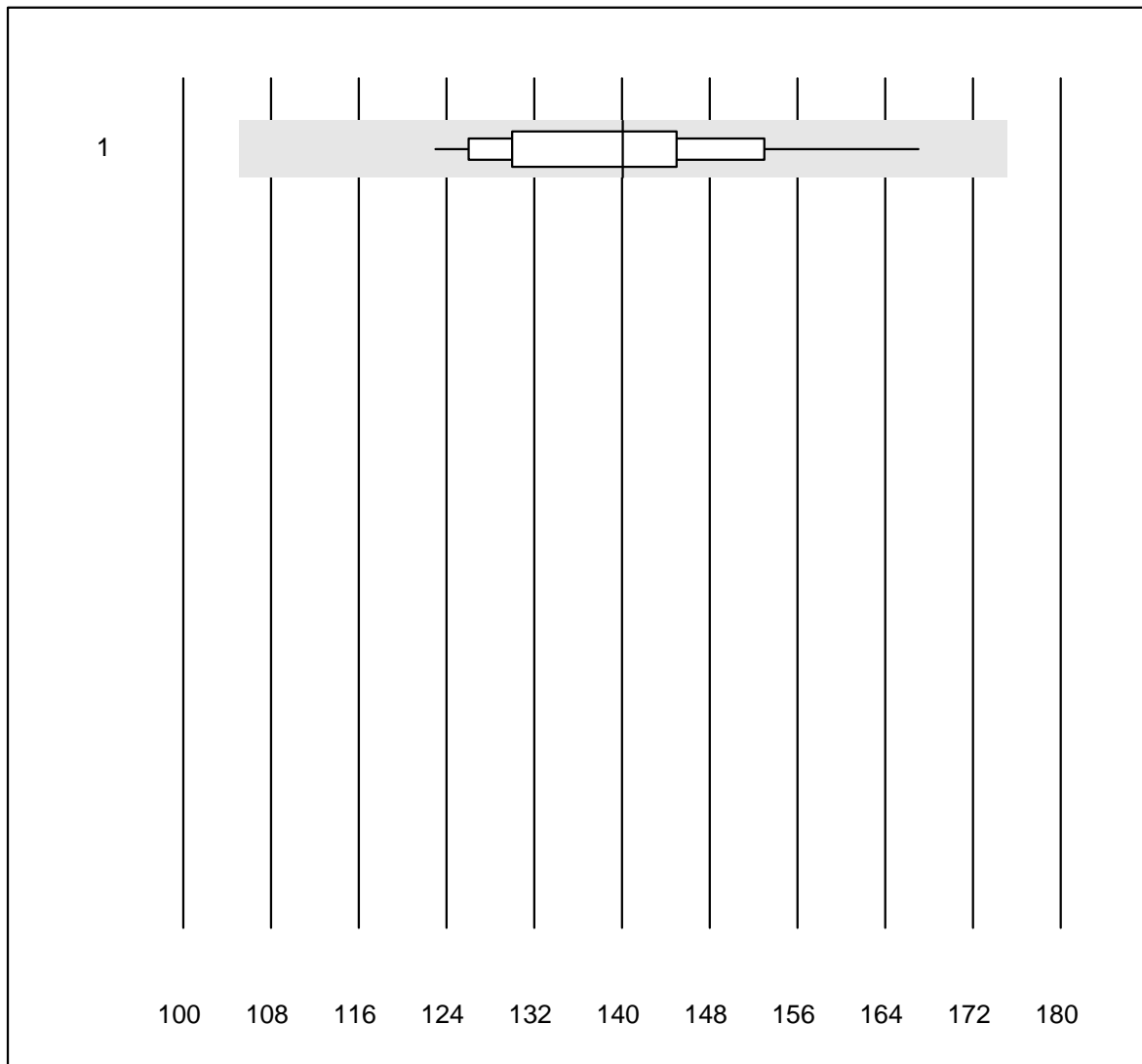
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	9	88.9	0.0	11.1	132	5.3	e

Alpha-1-Antitrypsin



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Nephelometry	4	100.0	0.0	0.0	1.33	11.8	e*

Anti-Streptolysin-Antibodies

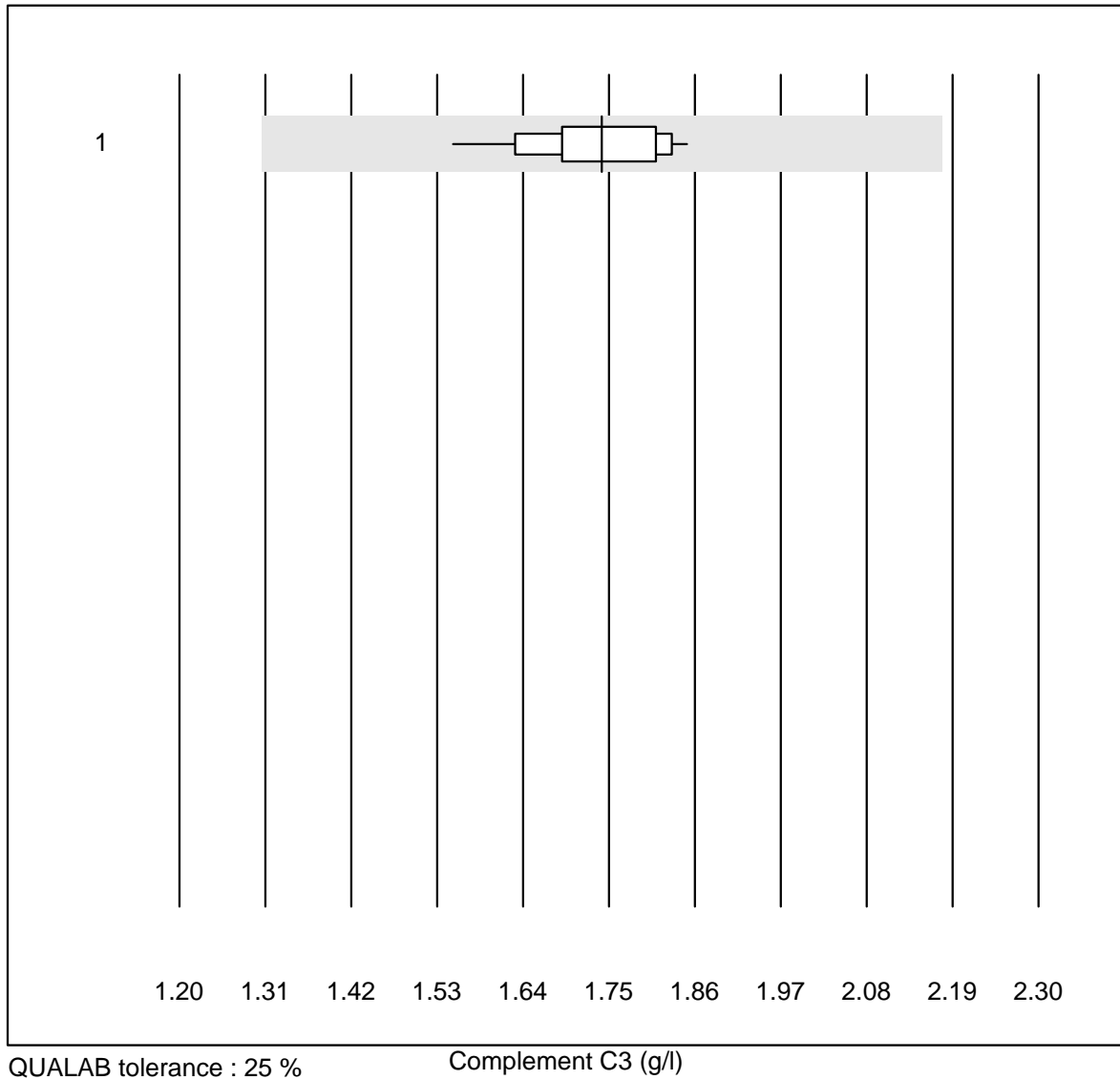


QUALAB tolerance : 25 %

Anti-Streptolysin-Antibodies (kIU/l)

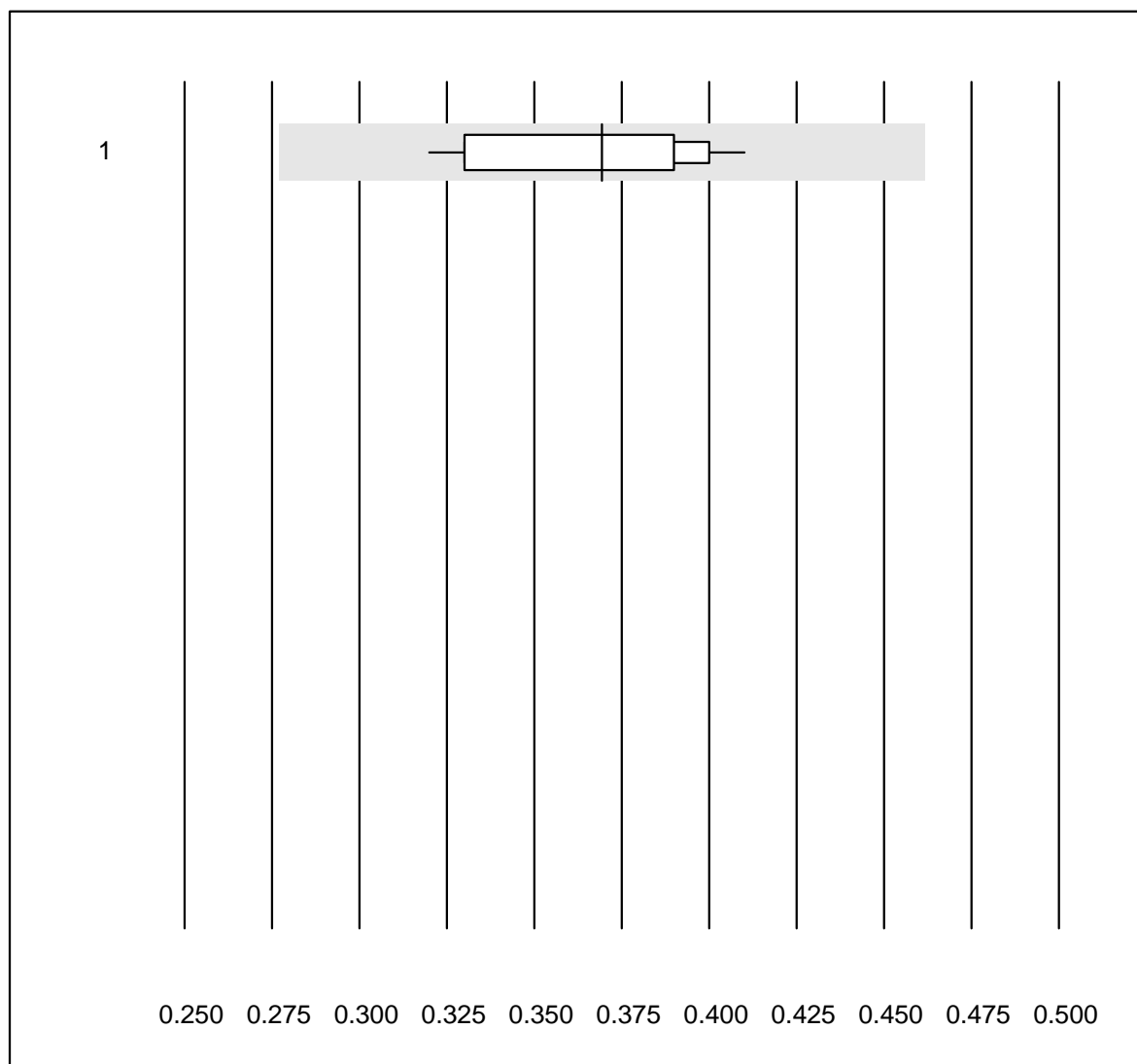
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 all Participants	11	100.0	0.0	0.0	140	8.8	e

Complement C3



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 all Participants	13	100.0	0.0	0.0	1.74	5.1	e

Complement C4

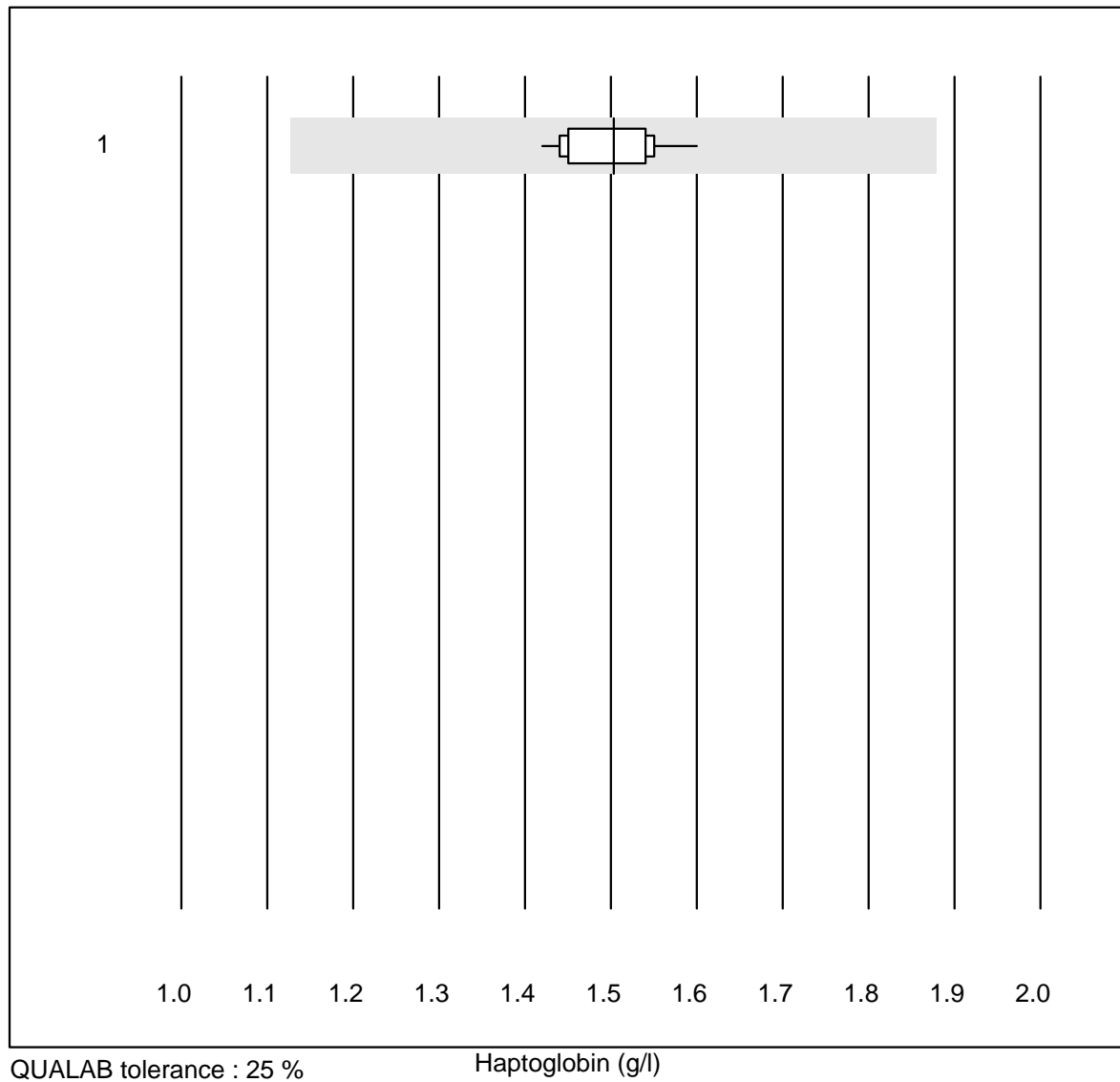


QUALAB tolerance : 25 %

Complement C4 (g/l)

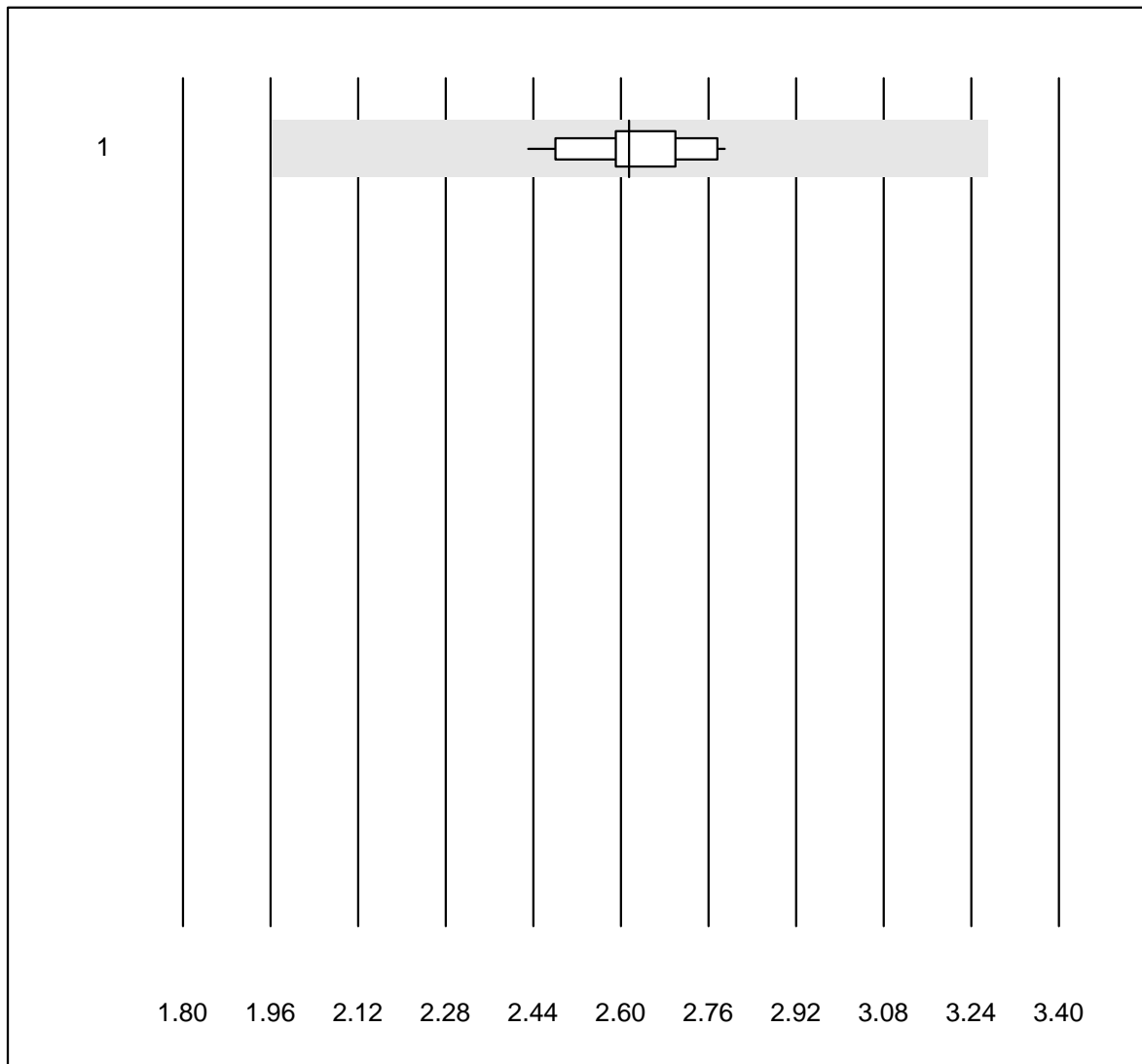
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	12	100.0	0.0	0.0	0.37	8.5	e

Haptoglobin



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	13	100.0	0.0	0.0	1.50	3.5	e

Transferrin

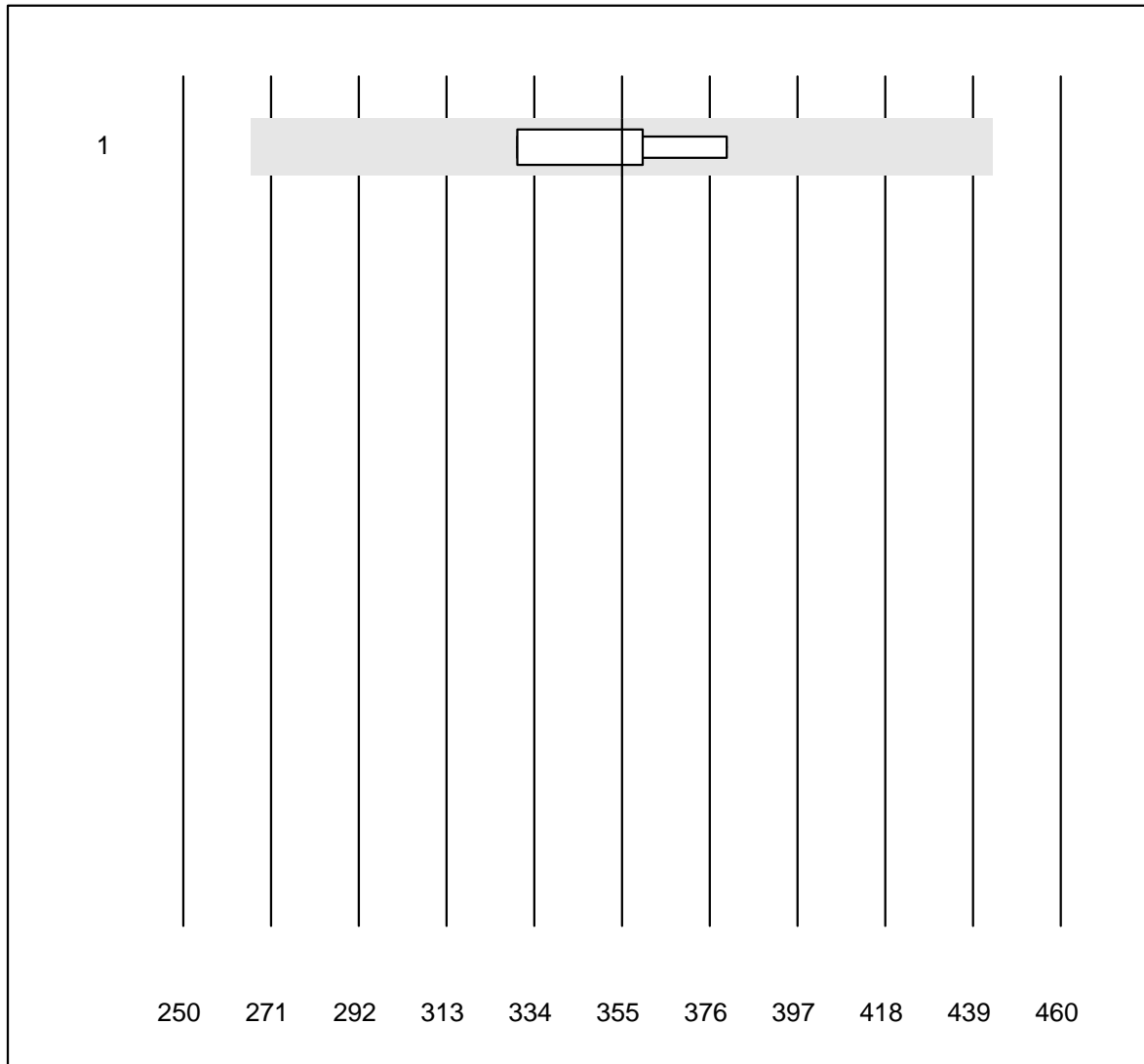


QUALAB tolerance : 25 %

Transferrin (g/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	17	100.0	0.0	0.0	2.62	3.9	e

Ceruloplasmin

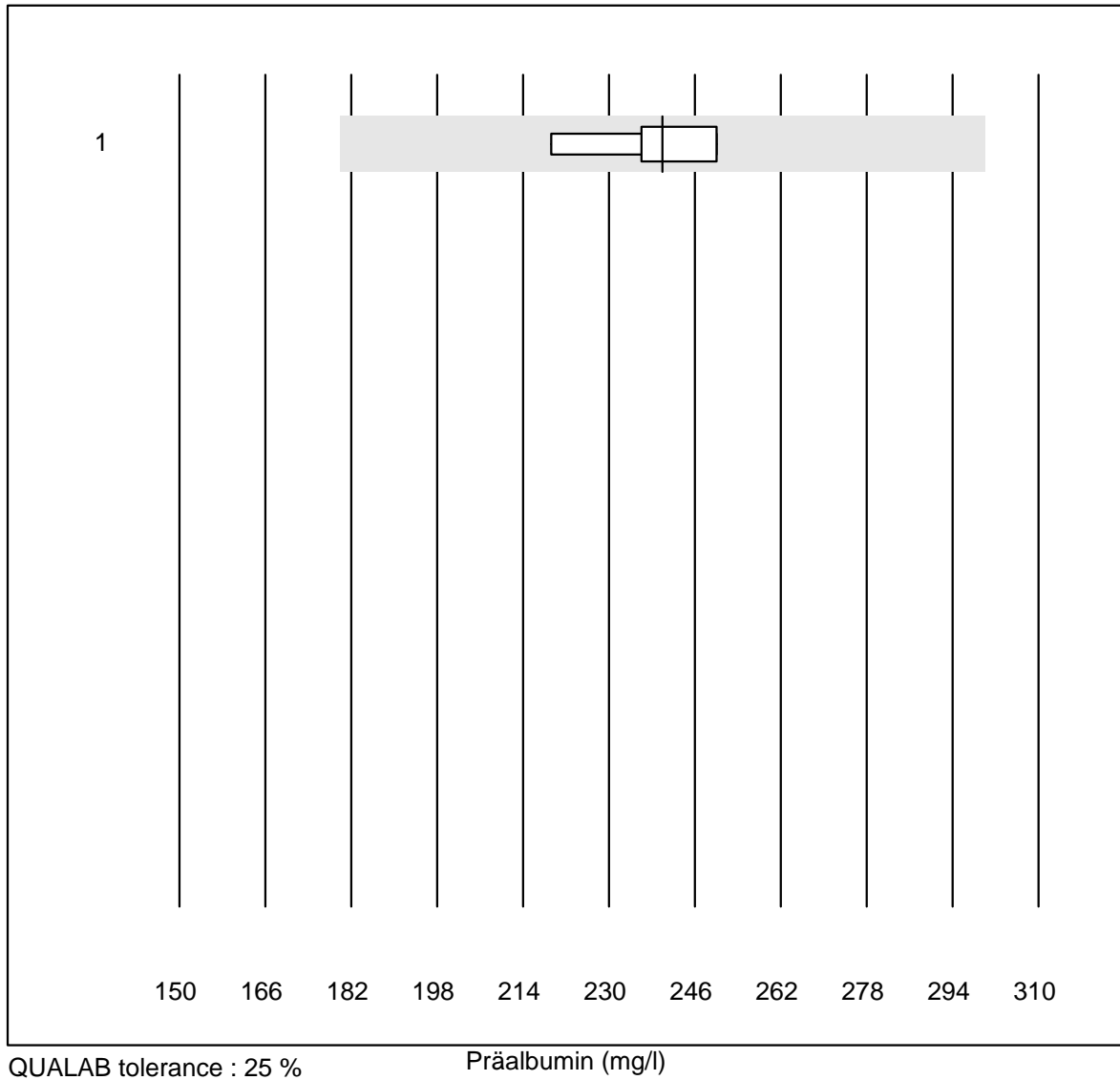


QUALAB tolerance : 25 %

Ceruloplasmin (mg/l)

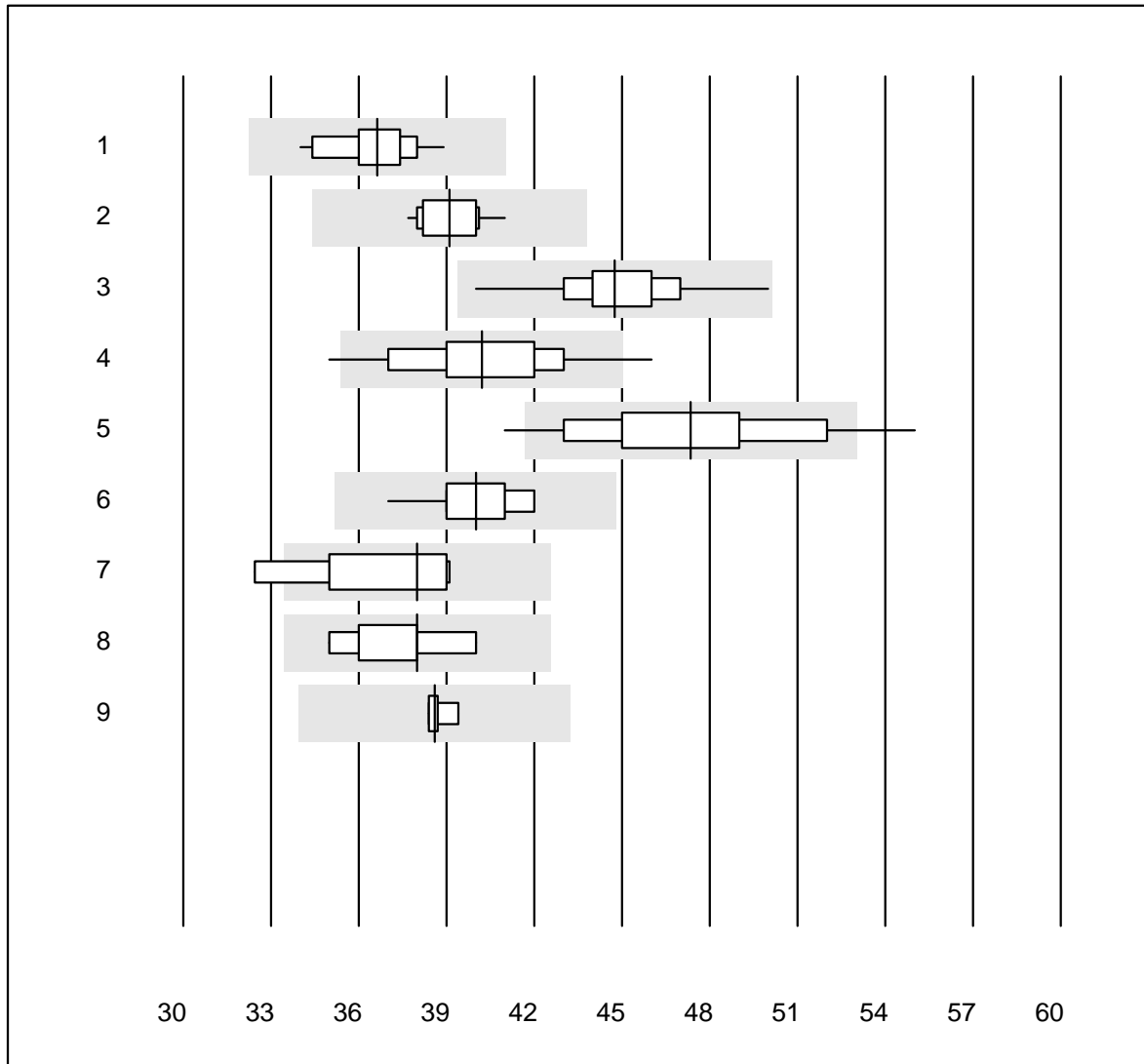
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 all Participants	4	100.0	0.0	0.0	355.0	5.9	e

Präalbumin



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 all Participants	7	100.0	0.0	0.0	240.0	4.3	e

Albumine

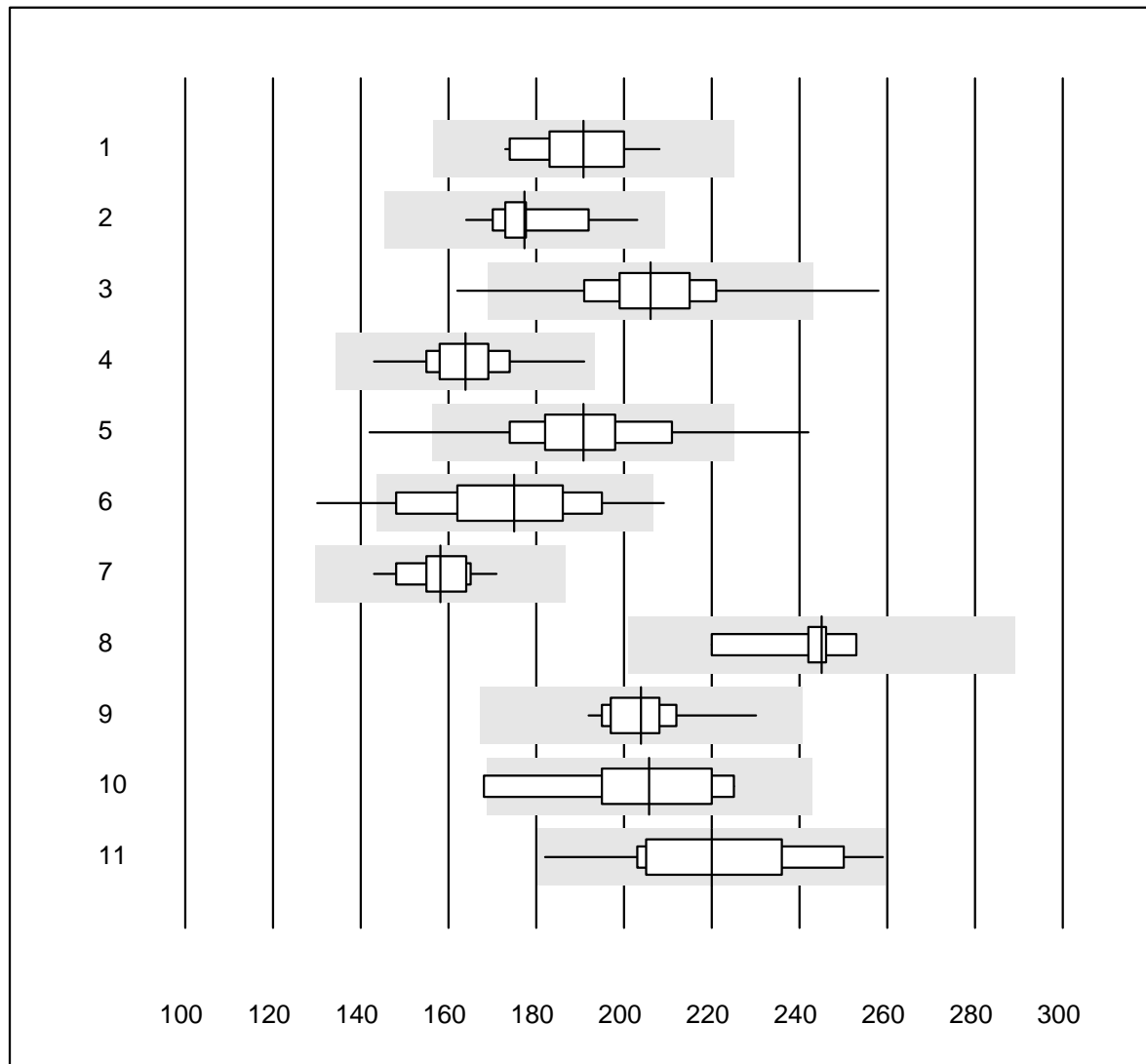


QUALAB tolerance : 12 %

Albumine (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	24	100.0	0.0	0.0	37	3.6	e
2	Cobas	12	100.0	0.0	0.0	39	2.6	e
3	Fuji Dri-Chem	185	100.0	0.0	0.0	45	3.9	e
4	Spotchem/Ready	45	91.1	6.7	2.2	40	6.2	e
5	Spotchem D-Concept	79	91.1	7.6	1.3	47	6.9	e
6	Piccolo	32	96.9	0.0	3.1	40	2.9	e
7	Abx Mira	5	80.0	20.0	0.0	38	7.9	e*
8	Hitachi S40/M40	9	100.0	0.0	0.0	38	4.2	e
9	Autolyser/DiaSys	4	100.0	0.0	0.0	39	1.2	e

Alkaline phosphatase

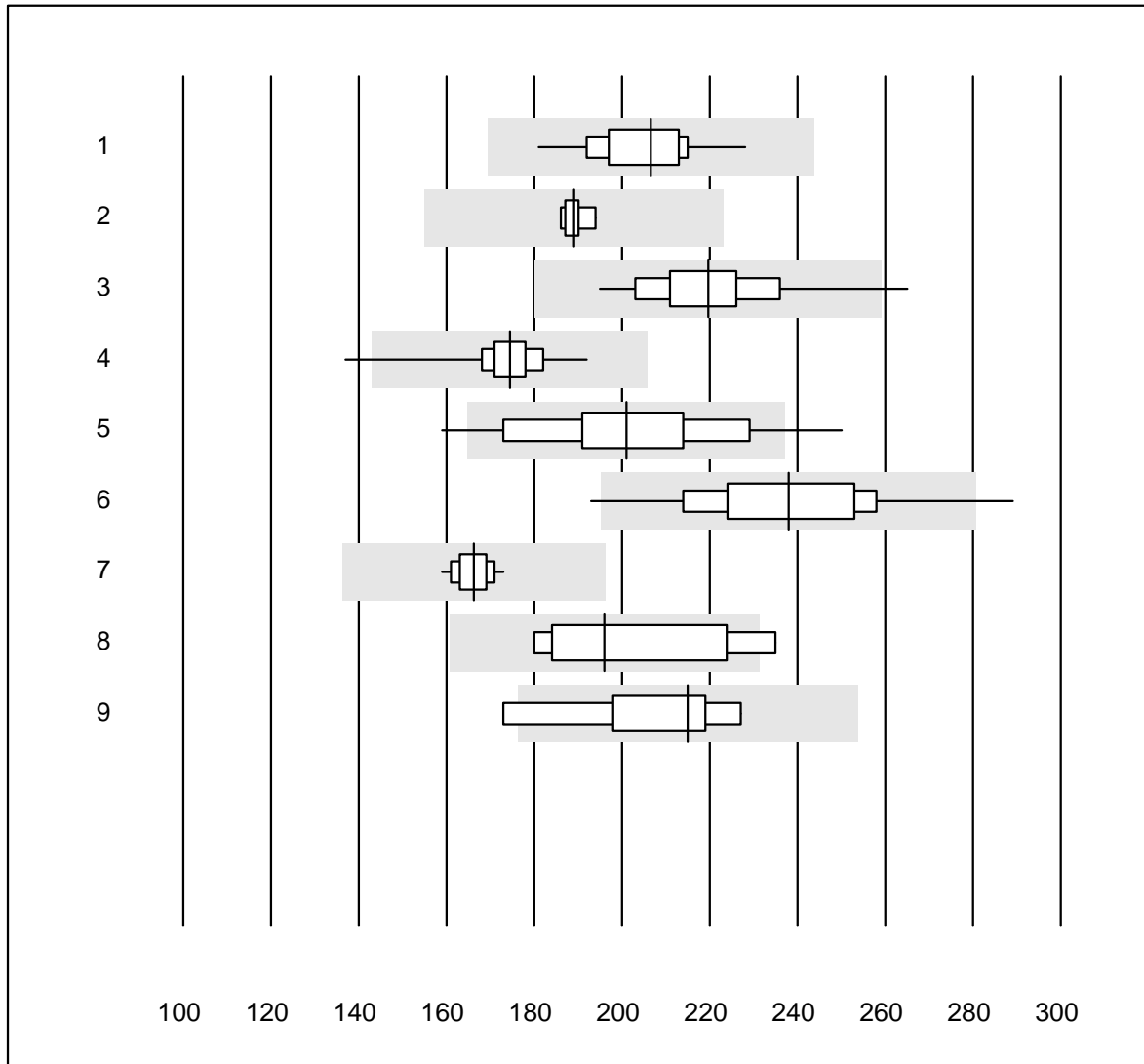


QUALAB tolerance : 18 %

Alkaline phosphatase (U/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	11	100.0	0.0	0.0	191	5.8	e
2 Cobas	17	100.0	0.0	0.0	177	5.2	e
3 Reflotron	644	96.6	1.7	1.7	206	6.4	e
4 Fuji Dri-Chem	697	99.6	0.0	0.4	164	4.7	e
5 Spotchem/Ready	114	88.6	7.9	3.5	191	9.0	e
6 Spotchem D-Concept	145	92.4	5.5	2.1	175	9.7	e
7 Hitachi S40/M40	15	100.0	0.0	0.0	158	4.6	e
8 Beckman DXC	9	100.0	0.0	0.0	245	4.0	e
9 Piccolo	31	100.0	0.0	0.0	204	4.1	e
10 Abx Mira	8	87.5	12.5	0.0	206	9.2	e*
11 Autolyser/DiaSys	13	100.0	0.0	0.0	220	10.2	e*

Amylase

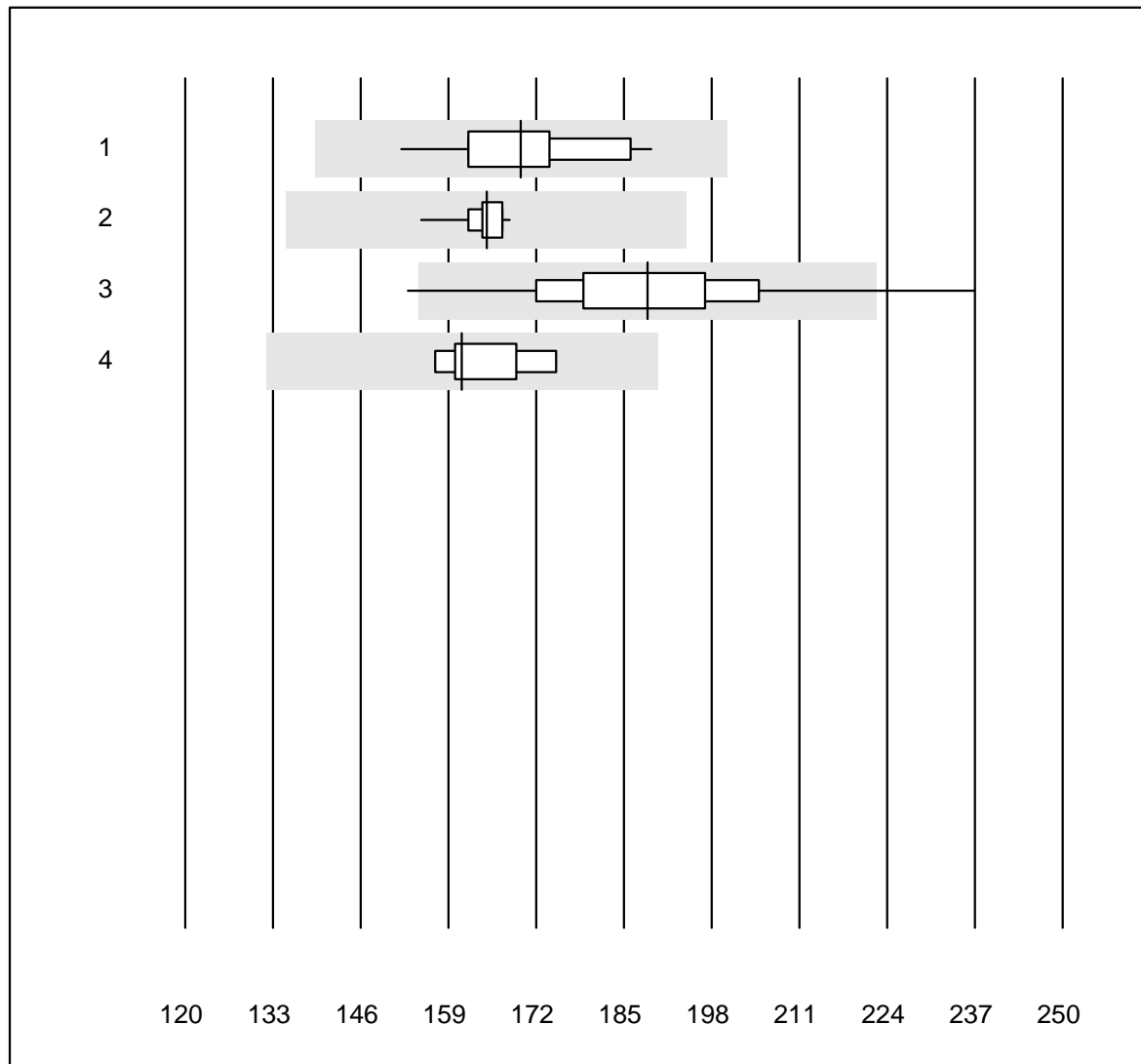


QUALAB tolerance : 18 %

Amylase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	12	100.0	0.0	0.0	207	6.0	e
2	Cobas	5	100.0	0.0	0.0	189	1.6	e
3	Reflotron	180	98.3	1.7	0.0	220	6.1	e
4	Fuji Dri-Chem	518	99.8	0.2	0.0	175	3.5	e
5	Spotchem/Ready	77	89.6	9.1	1.3	201	9.9	e
6	Spotchem D-Concept	110	98.2	1.8	0.0	238	7.7	e
7	Piccolo	28	100.0	0.0	0.0	166	2.2	e
8	Abx Mira	5	80.0	20.0	0.0	196	12.0	e*
9	Hitachi S40/M40	9	88.9	11.1	0.0	215	8.7	e*

Pancreatic amylase

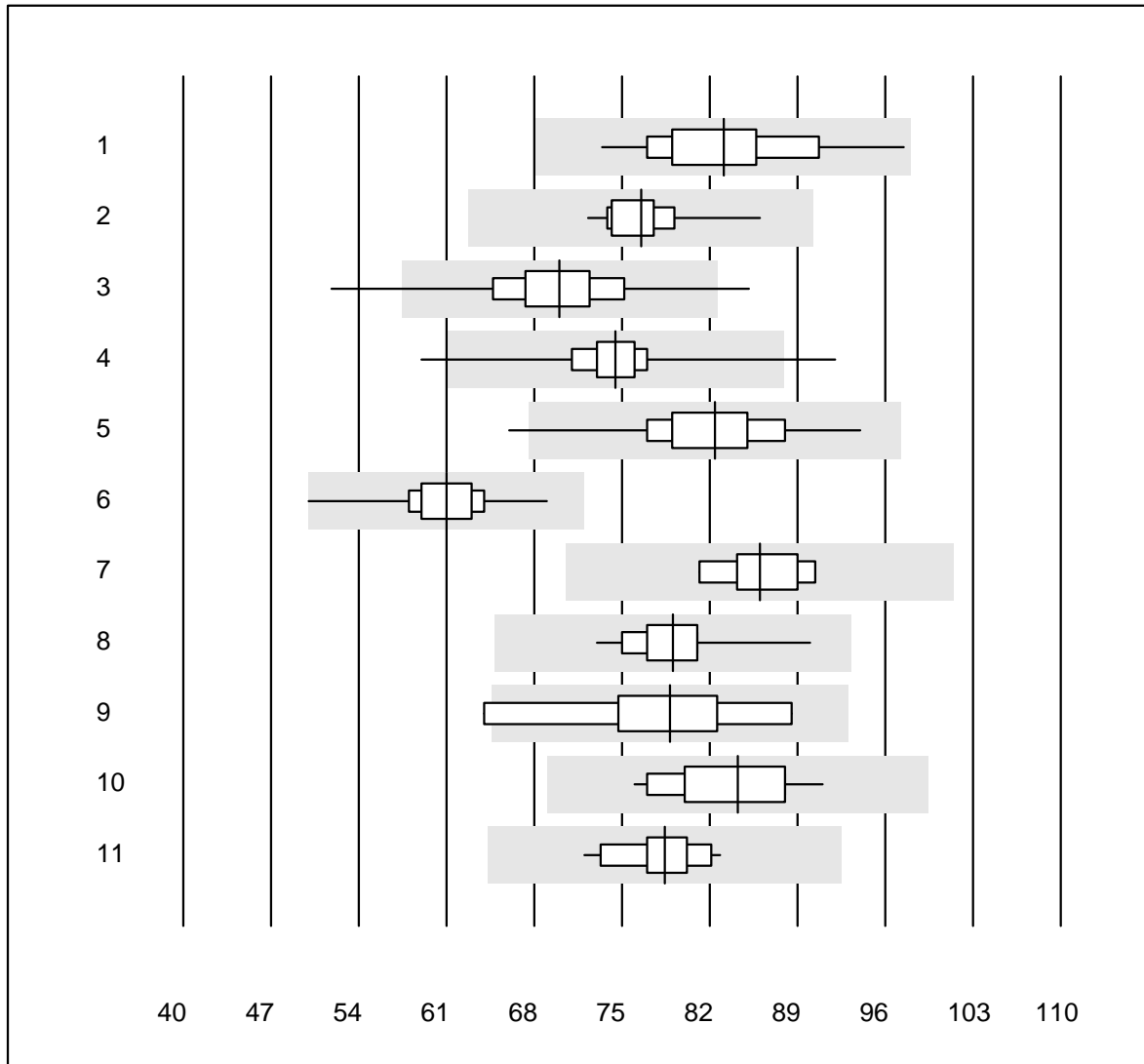


QUALAB tolerance : 18 %

Pancreatic amylase (U/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	12	100.0	0.0	0.0	170	6.1	e
2 Cobas	13	100.0	0.0	0.0	165	2.0	e
3 Reflotron	426	98.1	1.4	0.5	188	6.9	e
4 Autolyser/DiaSys	9	100.0	0.0	0.0	161	3.8	e

Bilirubin

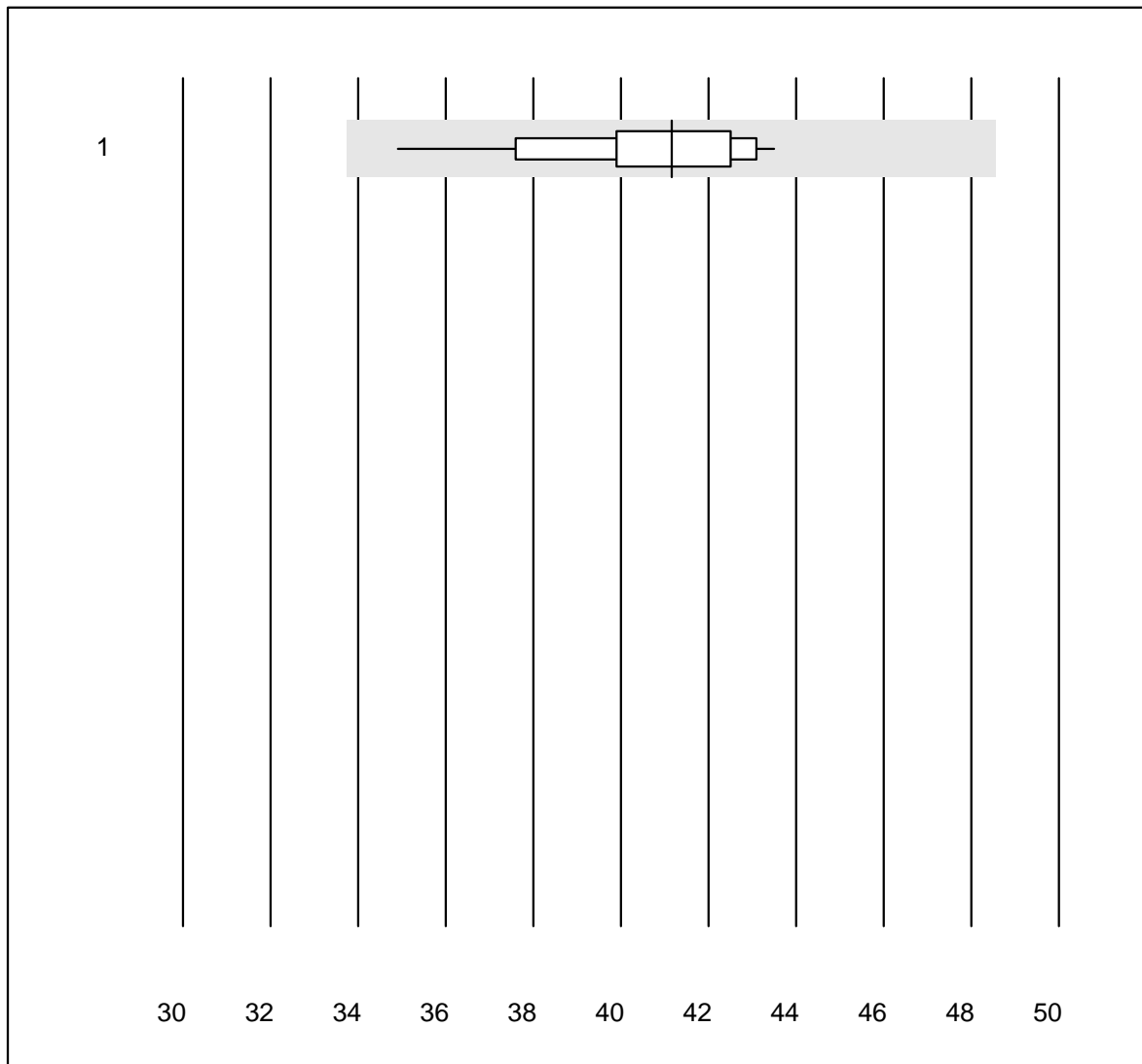


QUALAB tolerance : 18 %

Bilirubin (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	83.1	7.2	e
2	Cobas	17	100.0	0.0	0.0	76.5	4.1	e
3	Reflotron	472	97.0	1.3	1.7	70.0	6.3	e
4	Fuji Dri-Chem	531	98.5	0.4	1.1	74.5	3.7	e
5	Spotchem/Ready	93	97.8	1.1	1.1	82.4	6.3	e
6	Spotchem D-Concept	113	97.3	0.9	1.8	61.0	4.8	e
7	Beckman DXC	7	100.0	0.0	0.0	86.0	3.8	e
8	Piccolo	30	100.0	0.0	0.0	79.1	3.9	e
9	Abx Mira	8	87.5	12.5	0.0	78.8	9.5	e*
10	Hitachi S40/M40	13	100.0	0.0	0.0	84.2	5.7	e
11	Autolyser/DiaSys	13	100.0	0.0	0.0	78.4	4.2	e

Bilirubin direct

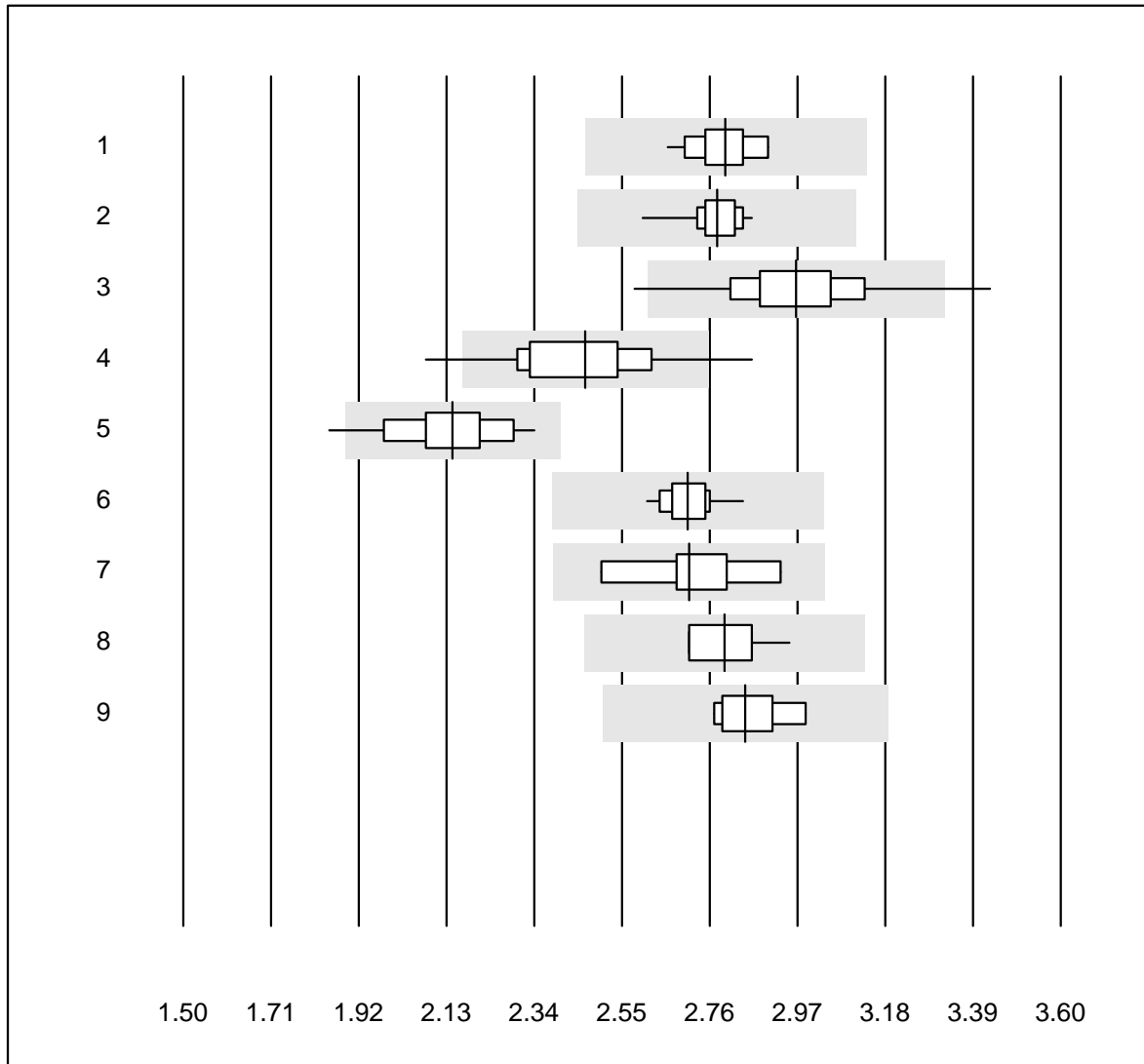


QUALAB tolerance : 18 %

Bilirubin direct (µmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Fuji Dri-Chem	31	96.8	0.0	3.2	41.2	5.0	e

Calcium

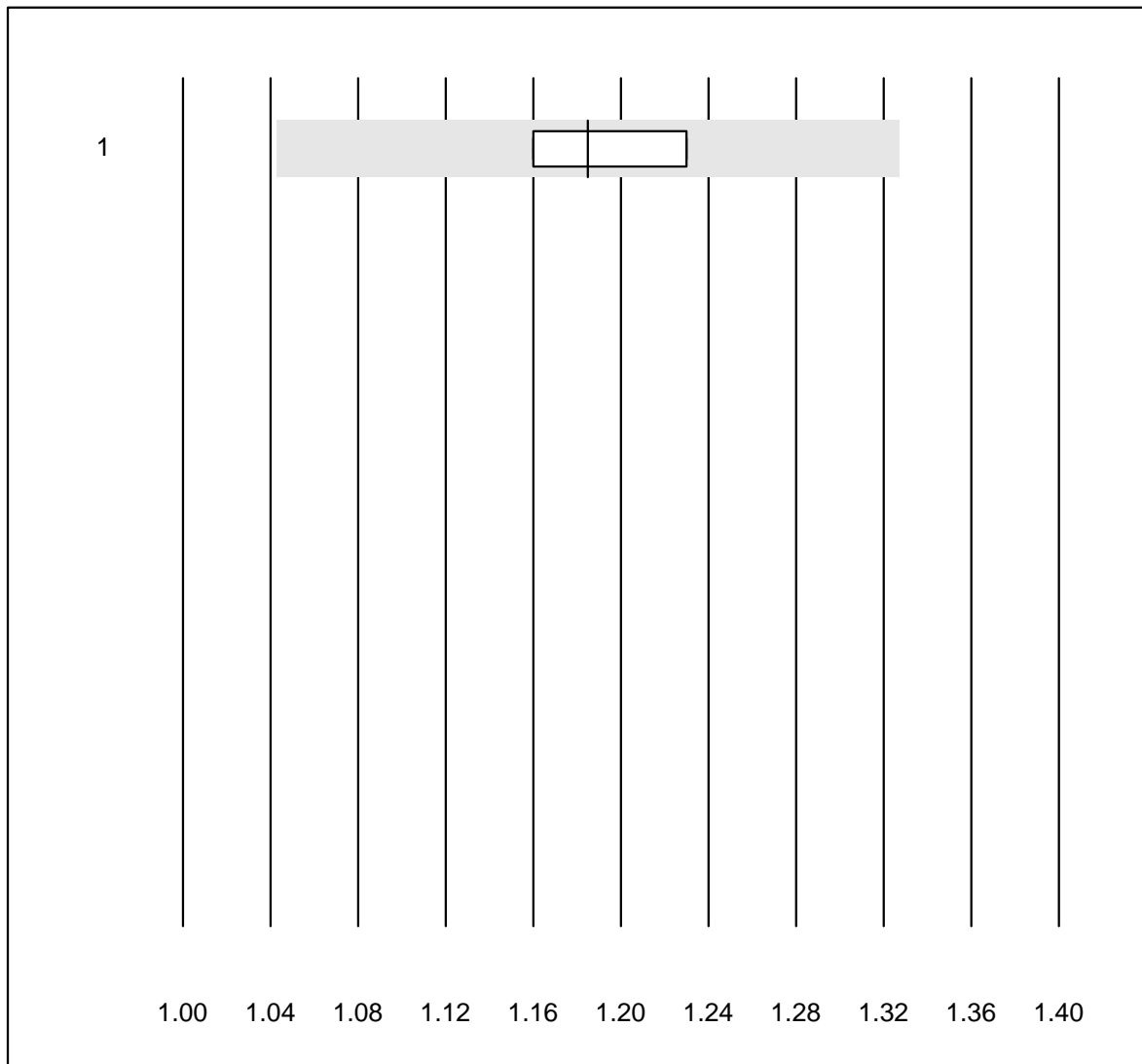


QUALAB tolerance : 12 %

Calcium (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	26	96.2	0.0	3.8	2.80	2.5	e
2	Cobas	12	100.0	0.0	0.0	2.78	2.5	e
3	Fuji Dri-Chem	356	97.2	1.4	1.4	2.97	4.4	e
4	Spotchem/Ready	42	90.5	9.5	0.0	2.46	6.3	e
5	Spotchem D-Concept	66	98.5	1.5	0.0	2.14	5.3	e
6	Piccolo	30	100.0	0.0	0.0	2.71	1.9	e
7	Abx Mira	6	100.0	0.0	0.0	2.71	5.2	e*
8	Hitachi S40/M40	12	100.0	0.0	0.0	2.80	2.7	e
9	Autolysers/DiaSys	6	100.0	0.0	0.0	2.85	2.9	e

Calcium ISE

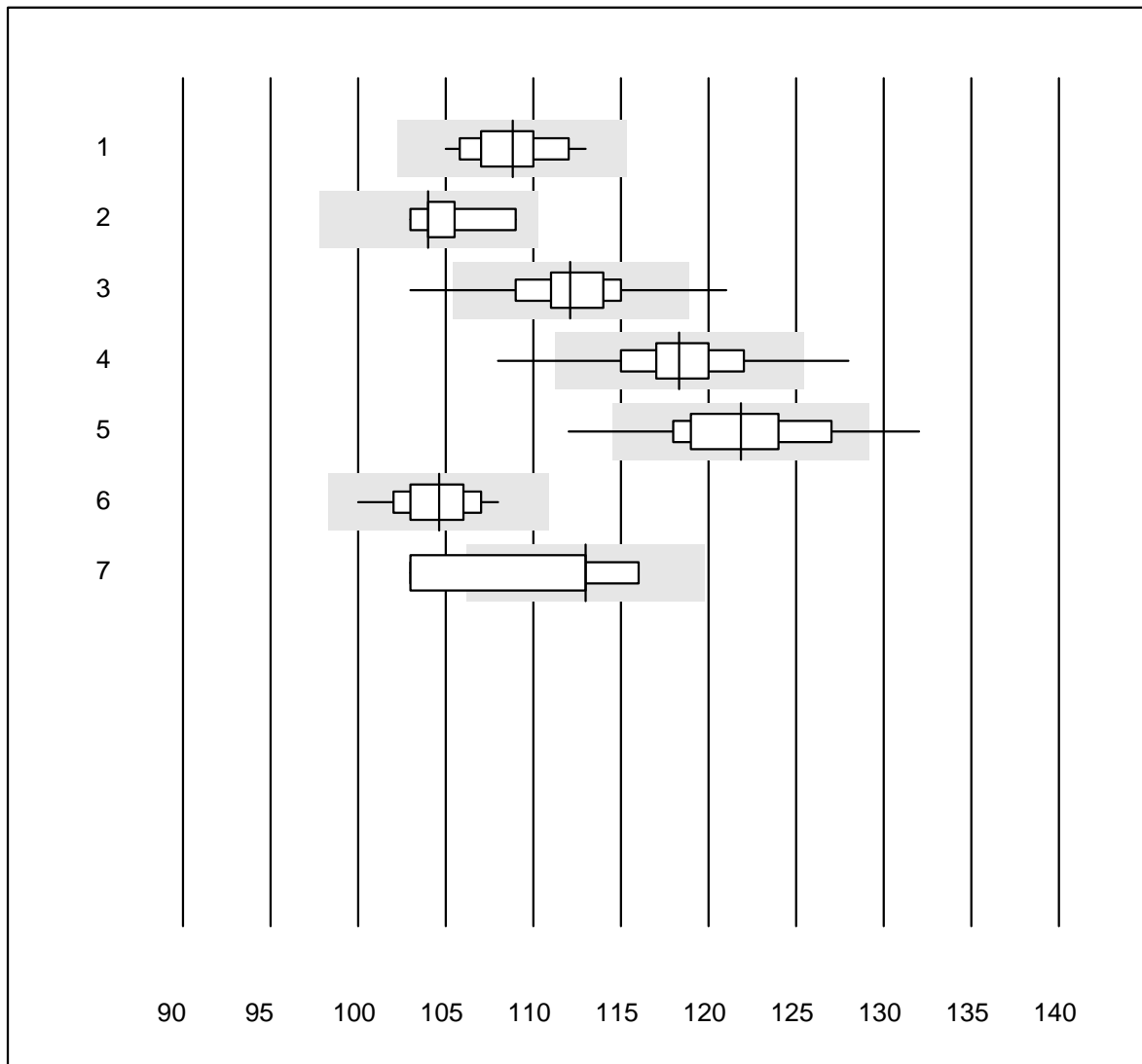


QUALAB tolerance : 12 %

Calcium ISE (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	iStat Chem8	4	75.0	0.0	25.0	1.19	3.0	e*

Chloride

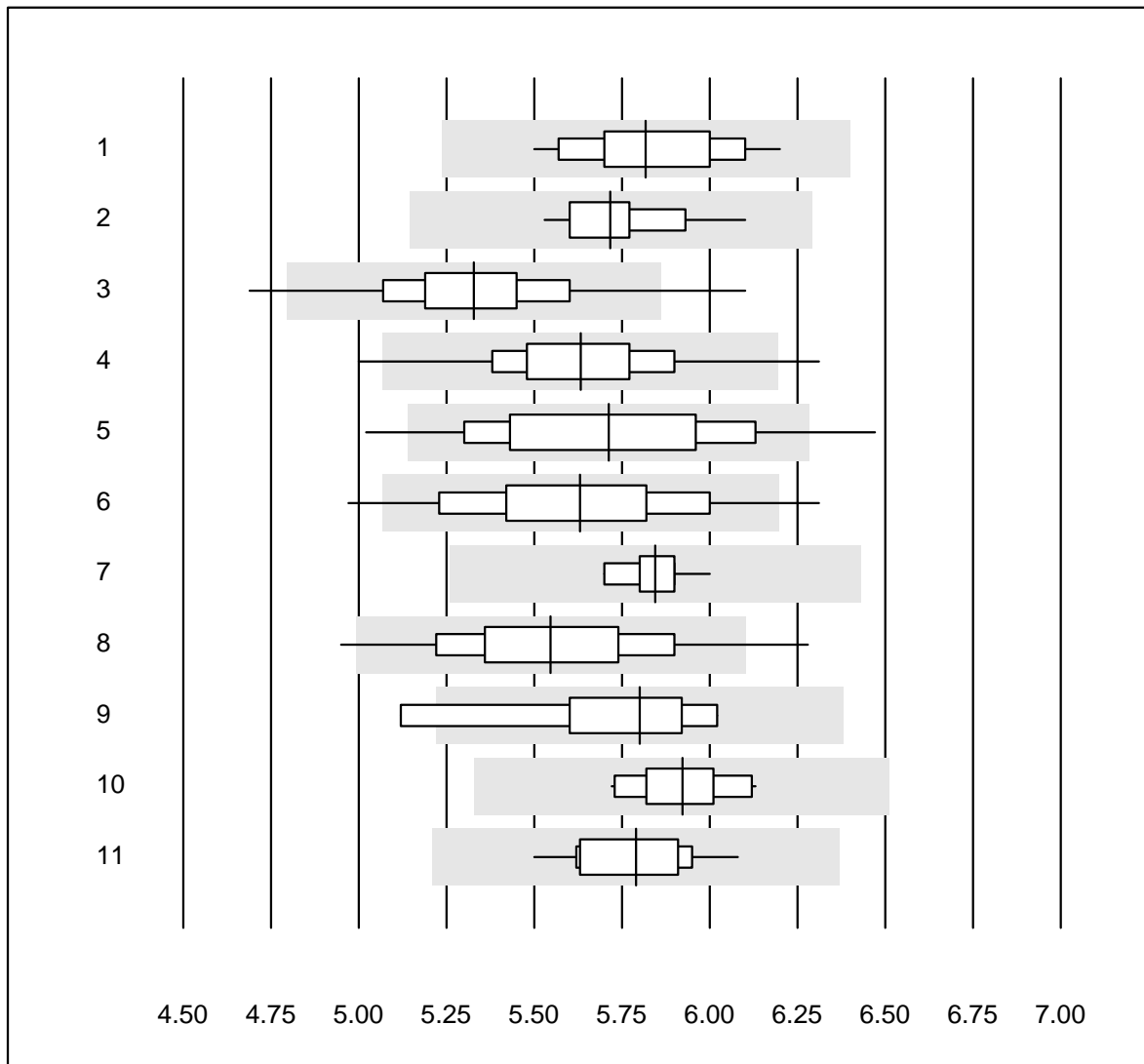


QUALAB tolerance : 6 %

Chloride (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	18	100.0	0.0	0.0	109	2.1	e
2	Cobas	9	100.0	0.0	0.0	104	2.1	e
3	Fuji Dri-Chem	626	95.6	3.0	1.4	112	2.3	e
4	Spotchem D-Concept	135	97.1	2.2	0.7	118	2.5	e
5	Spotchem EL-SE 1520	114	87.7	7.0	5.3	122	3.2	e
6	Piccolo	18	100.0	0.0	0.0	105	1.9	e
7	iStat Chem8	4	75.0	25.0	0.0	113	5.1	e*

Cholesterol total

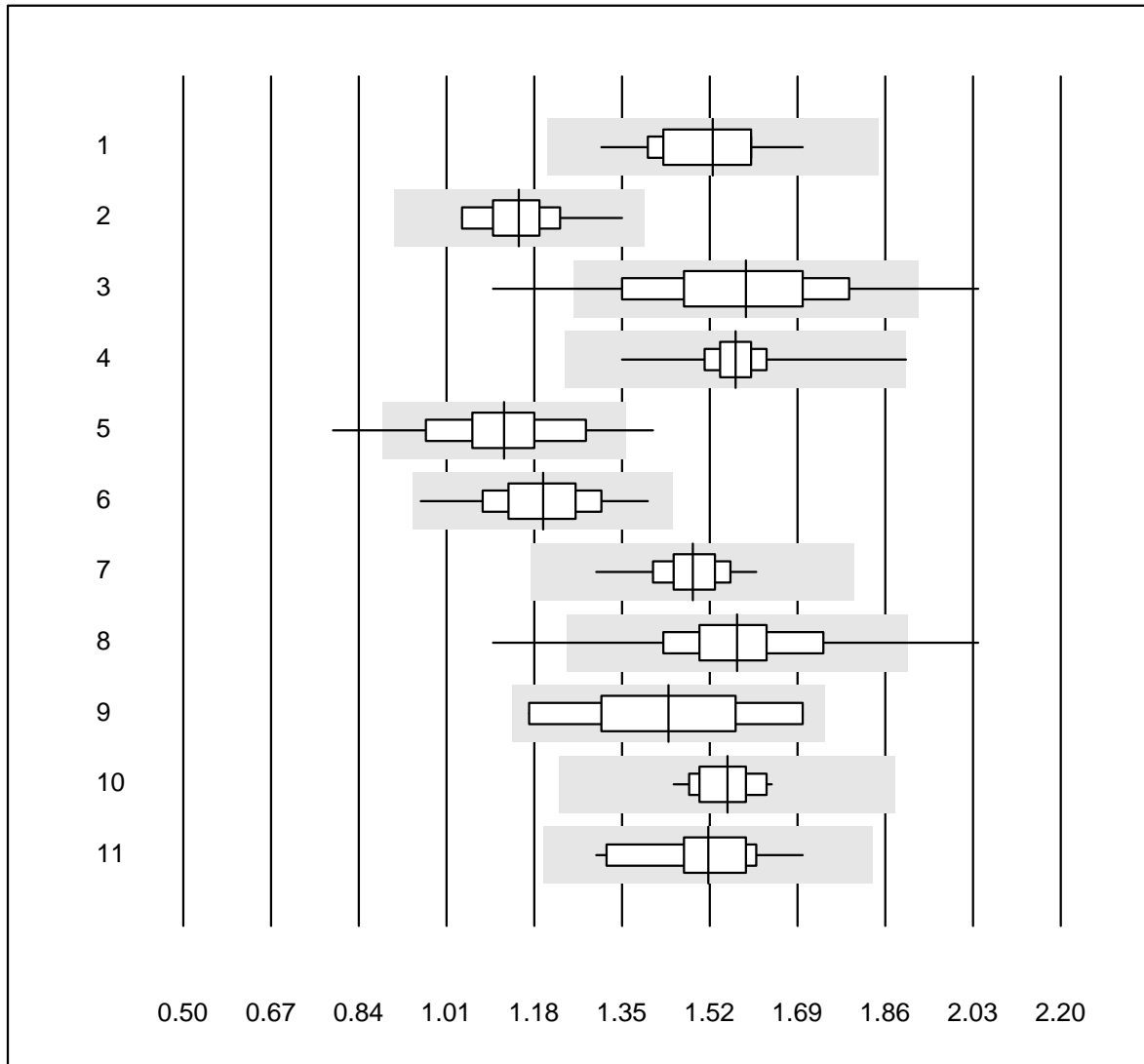


QUALAB tolerance : 10 %

Cholesterol total (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	23	100.0	0.0	0.0	5.82	3.4	e
2	Cobas	15	100.0	0.0	0.0	5.72	2.5	e
3	Reflotron	713	96.3	2.4	1.3	5.33	4.1	e
4	Fuji Dri-Chem	713	98.9	0.7	0.4	5.63	3.7	e
5	Spotchem/Ready	137	87.6	10.2	2.2	5.71	5.9	e
6	Spotchem D-Concept	151	93.4	3.3	3.3	5.63	5.0	e
7	Piccolo	21	100.0	0.0	0.0	5.85	1.5	e
8	Cholestech LDX	192	90.6	4.2	5.2	5.55	4.8	e
9	Abx Mira	9	88.9	11.1	0.0	5.80	4.8	e*
10	Hitachi S40/M40	15	100.0	0.0	0.0	5.92	2.3	e
11	Autolyser/DiaSys	12	100.0	0.0	0.0	5.79	2.8	e

Cholesterin HDL

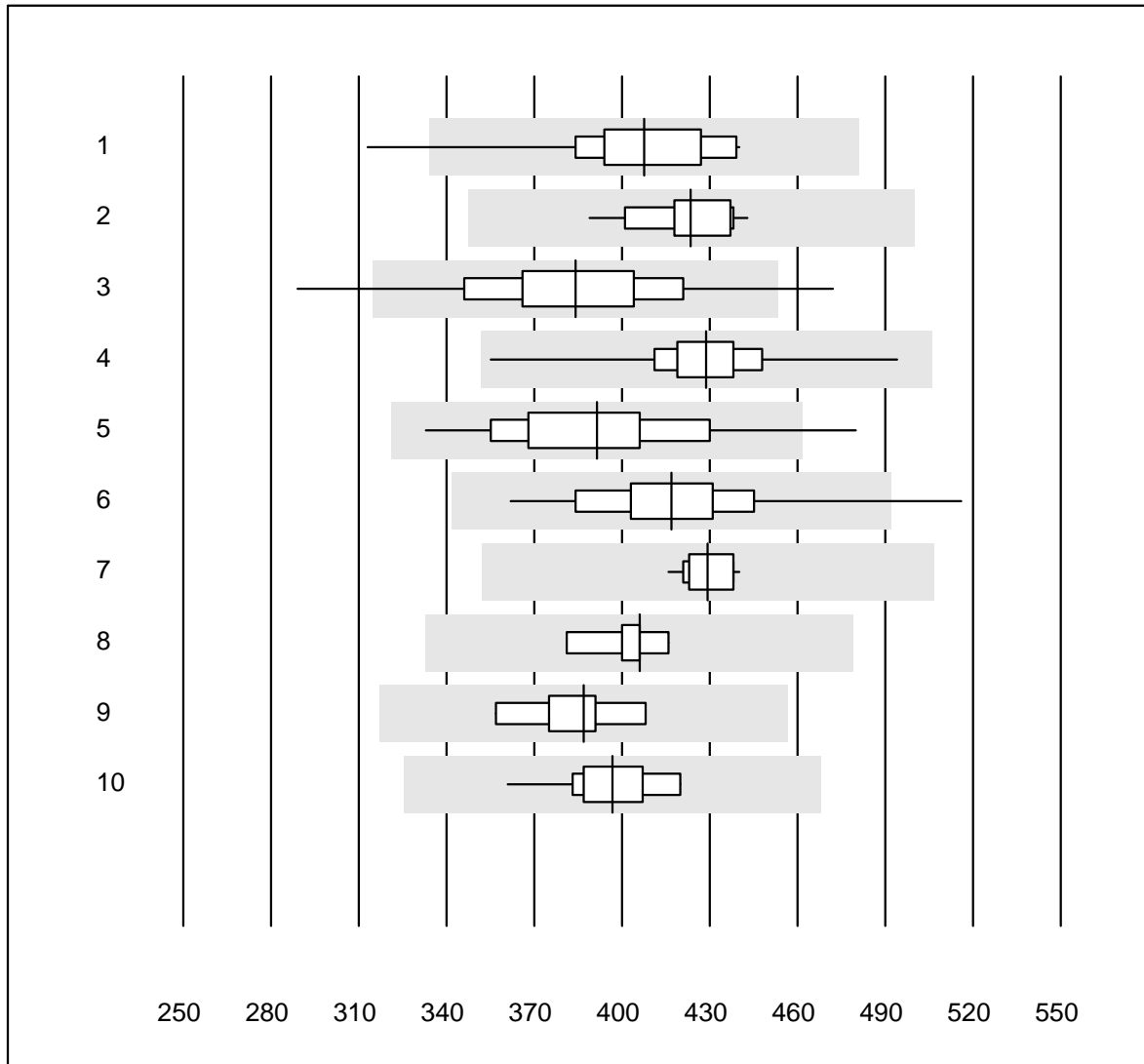


QUALAB tolerance : 21 %

Cholesterin HDL (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Wet chemistry, direc	16	100.0	0.0	0.0	1.53	6.7	e
2	Cobas	14	100.0	0.0	0.0	1.15	7.0	e
3	Reflotron	533	91.0	6.0	3.0	1.59	10.9	e
4	Fuji Dri-Chem	675	99.6	0.1	0.3	1.57	3.3	e
5	Spotchem/Ready	123	91.9	6.5	1.6	1.12	10.4	e
6	Spotchem D-Concept	148	98.6	0.0	1.4	1.20	7.5	e
7	Piccolo	21	100.0	0.0	0.0	1.49	5.3	e
8	Cholestech LDX	192	97.9	1.6	0.5	1.57	8.2	e
9	Abx Mira	7	100.0	0.0	0.0	1.44	11.9	e*
10	Hitachi S40/M40	14	100.0	0.0	0.0	1.55	3.8	e
11	Autolyser/DiaSys	12	100.0	0.0	0.0	1.52	7.7	e

Creatine kinase

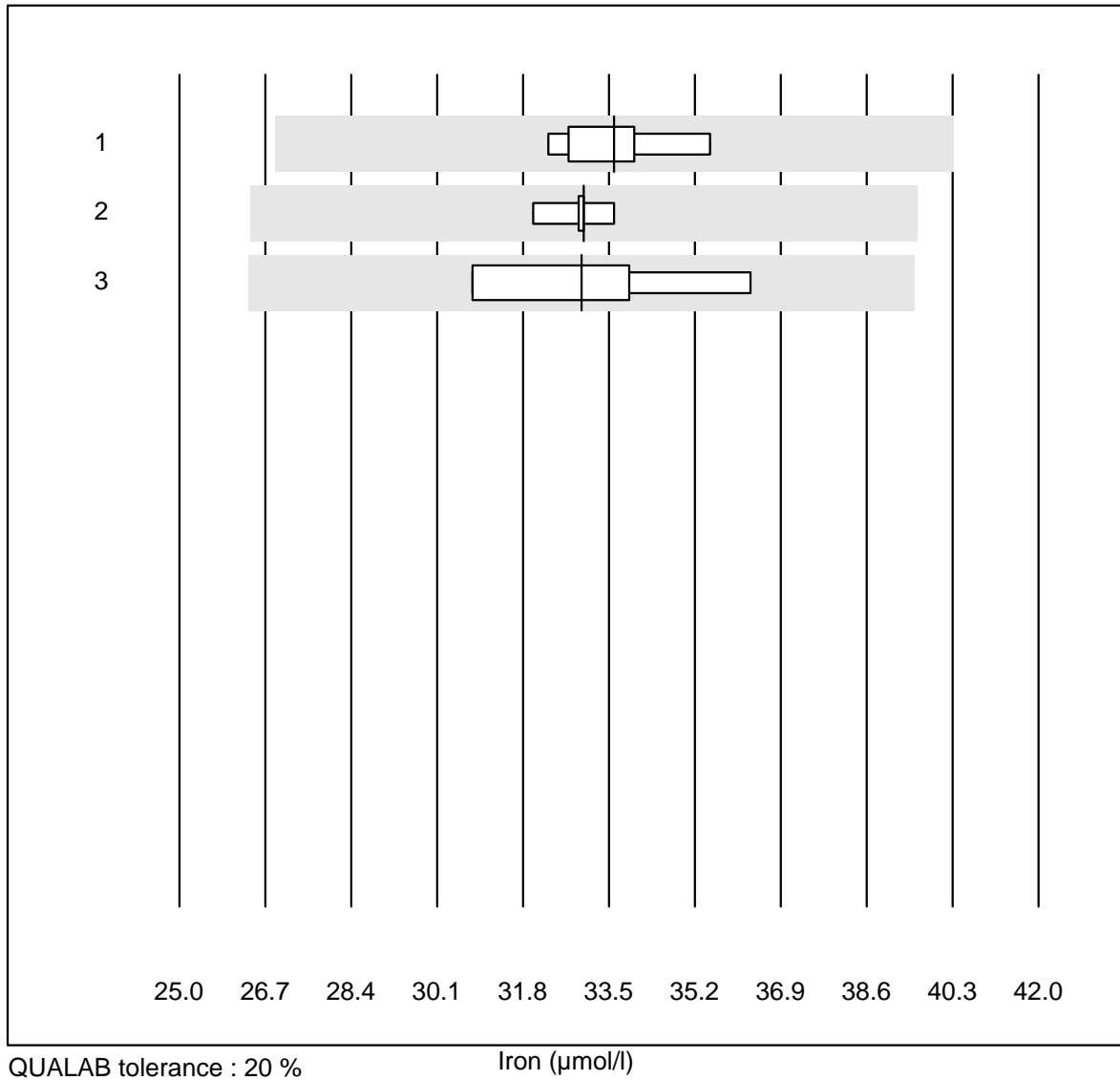


QUALAB tolerance : 18 %

Creatine kinase (U/l)

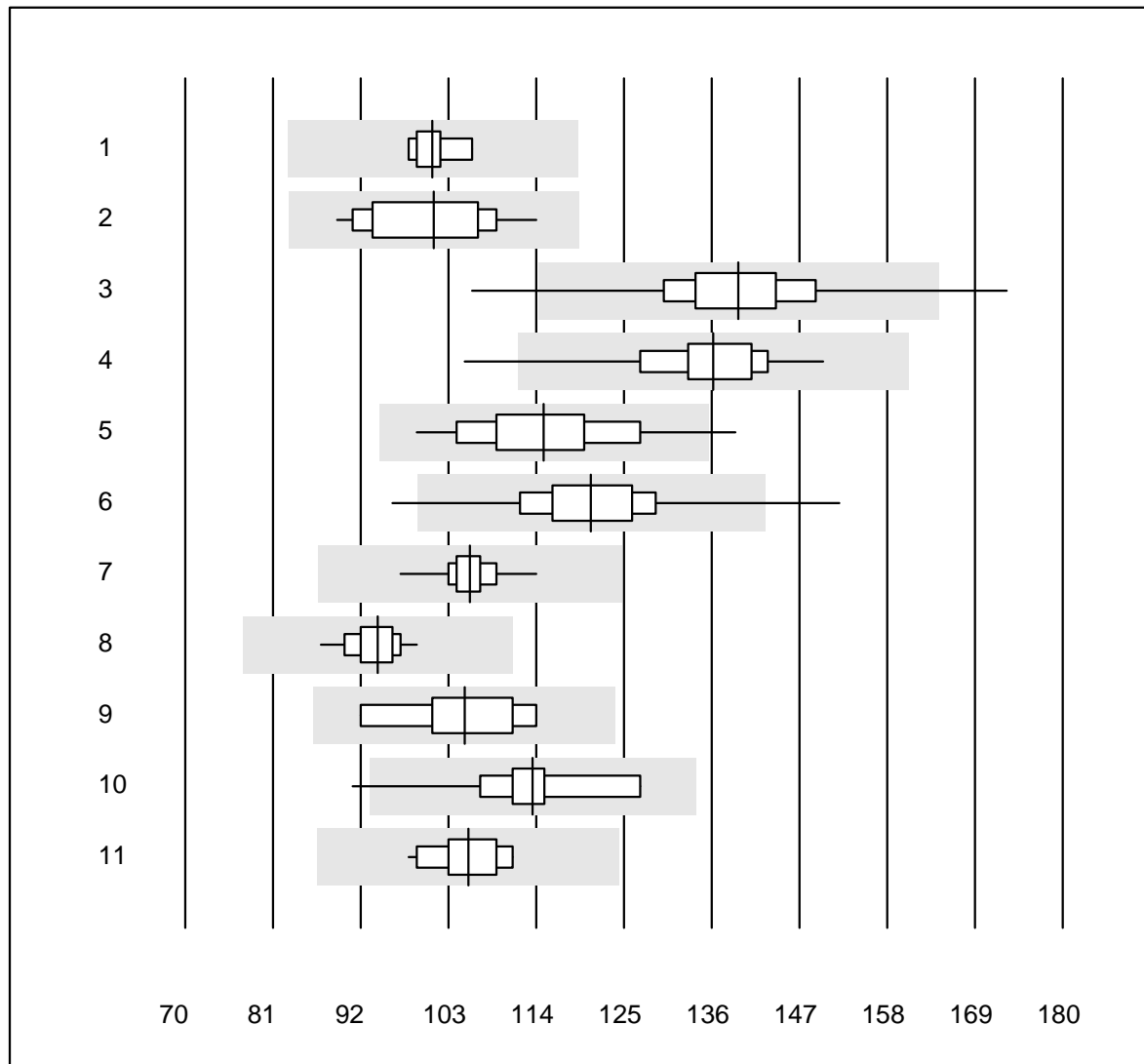
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 IFCC	19	94.7	5.3	0.0	408	7.0	e
2 Cobas	15	100.0	0.0	0.0	423	3.4	e
3 Reflotron	398	96.4	1.8	1.8	384	7.6	e
4 Fuji Dri-Chem	447	99.1	0.0	0.9	429	3.7	e
5 Spotchem/Ready	53	94.3	3.8	1.9	391	8.3	e
6 Spotchem D-Concept	93	96.7	1.1	2.2	417	5.9	e
7 Piccolo	11	100.0	0.0	0.0	429	1.8	e
8 Abx Mira	6	100.0	0.0	0.0	406	2.9	e
9 Hitachi S40/M40	9	100.0	0.0	0.0	387	4.6	e
10 Autolyser/DiaSys	11	100.0	0.0	0.0	397	4.3	e

Iron



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	8	100.0	0.0	0.0	34	3.0	e
2	Cobas	9	100.0	0.0	0.0	33	1.3	e
3	Abx Mira	4	100.0	0.0	0.0	33	7.2	e*

Gamma-glutamyltransferase

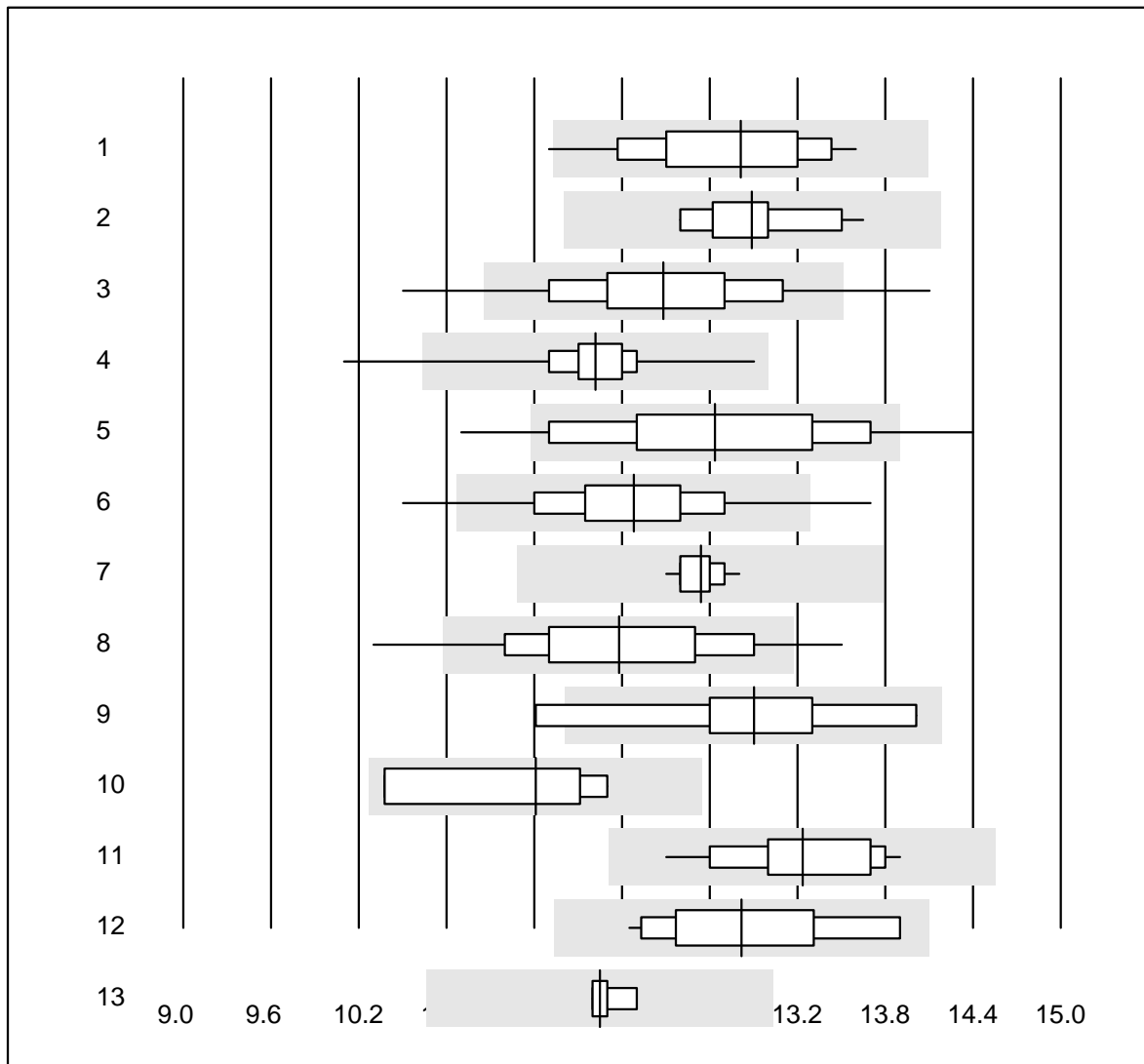


QUALAB tolerance : 18 %

Gamma-glutamyltransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	8	100.0	0.0	0.0	101	2.5	e
2	Cobas	16	100.0	0.0	0.0	101	7.4	e
3	Reflotron	832	98.4	1.2	0.4	139	5.8	e
4	Fuji Dri-Chem	762	99.2	0.5	0.3	136	4.8	e
5	Spotchem/Ready	144	97.2	1.4	1.4	115	7.3	e
6	Spotchem D-Concept	163	97.6	1.2	1.2	121	6.8	e
7	DGKC 37'C	12	100.0	0.0	0.0	106	3.8	e
8	Piccolo	29	100.0	0.0	0.0	94	2.9	e
9	Abx Mira	9	100.0	0.0	0.0	105	7.3	e*
10	Hitachi S40/M40	17	94.1	5.9	0.0	114	6.8	e
11	Autolyser/DiaSys	14	100.0	0.0	0.0	106	3.9	e

Glucose

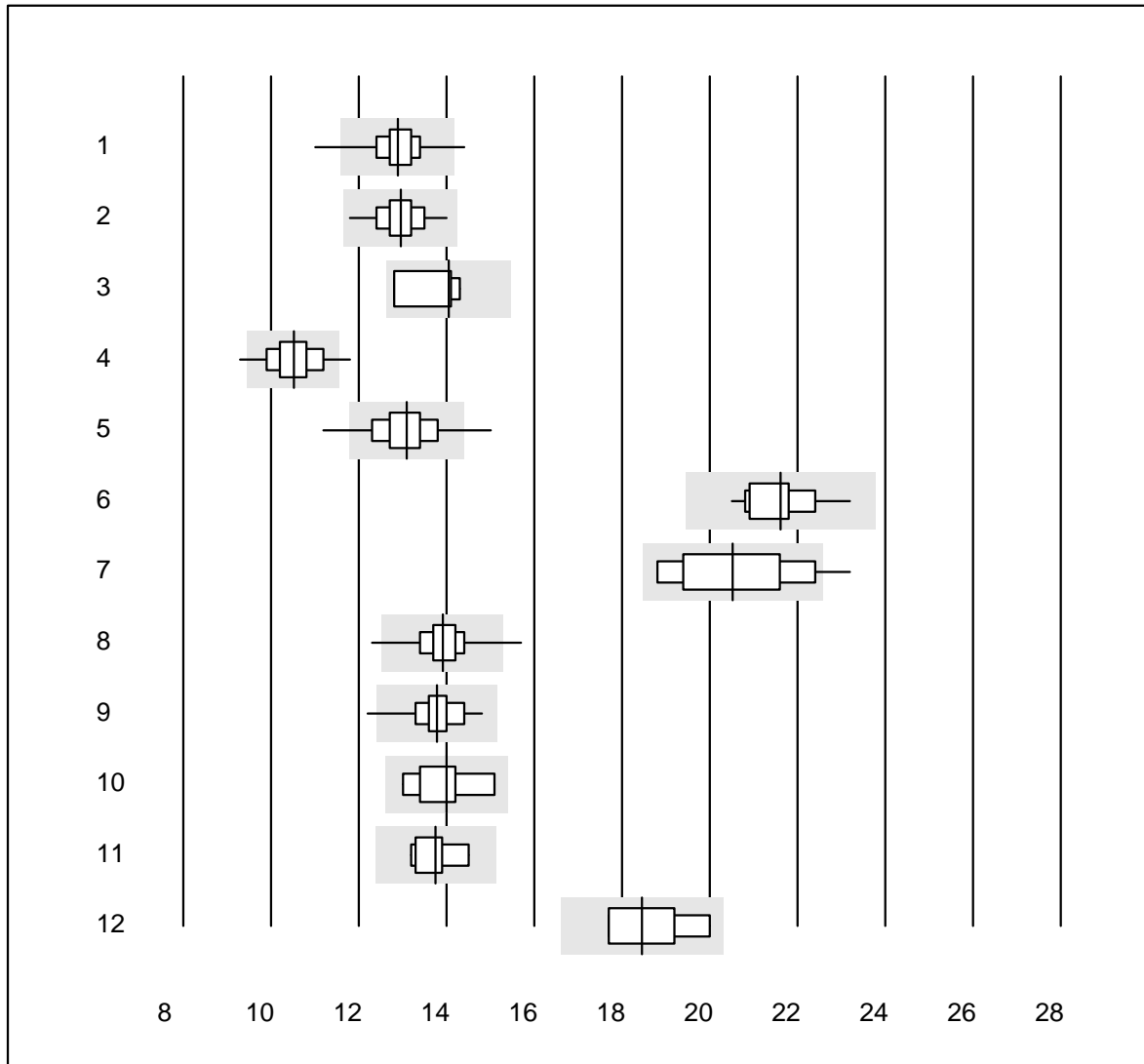


QUALAB tolerance : 10 %

Glucose (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	30	93.4	3.3	3.3	12.8	4.5	e
2	Cobas	16	100.0	0.0	0.0	12.9	2.8	e
3	Reflotron	856	92.5	4.3	3.2	12.3	5.1	e
4	Fuji Dri-Chem	720	99.6	0.3	0.1	11.8	2.2	e
5	Spotchem/Ready	127	86.6	7.9	5.5	12.6	6.4	e
6	Spotchem D-Concept	153	94.1	3.9	2.0	12.1	4.5	e
7	Piccolo	37	100.0	0.0	0.0	12.5	1.1	e
8	Cholestech LDX	153	93.5	5.2	1.3	12.0	5.5	e
9	Abx Mira	9	88.9	11.1	0.0	12.9	5.6	e*
10	Lange	4	100.0	0.0	0.0	11.4	6.1	e*
11	Hitachi S40/M40	18	100.0	0.0	0.0	13.2	3.4	e
12	Autolyser/DiaSys	13	100.0	0.0	0.0	12.8	4.8	e*
13	iStat Chem8	4	100.0	0.0	0.0	11.9	1.2	e

Glucose

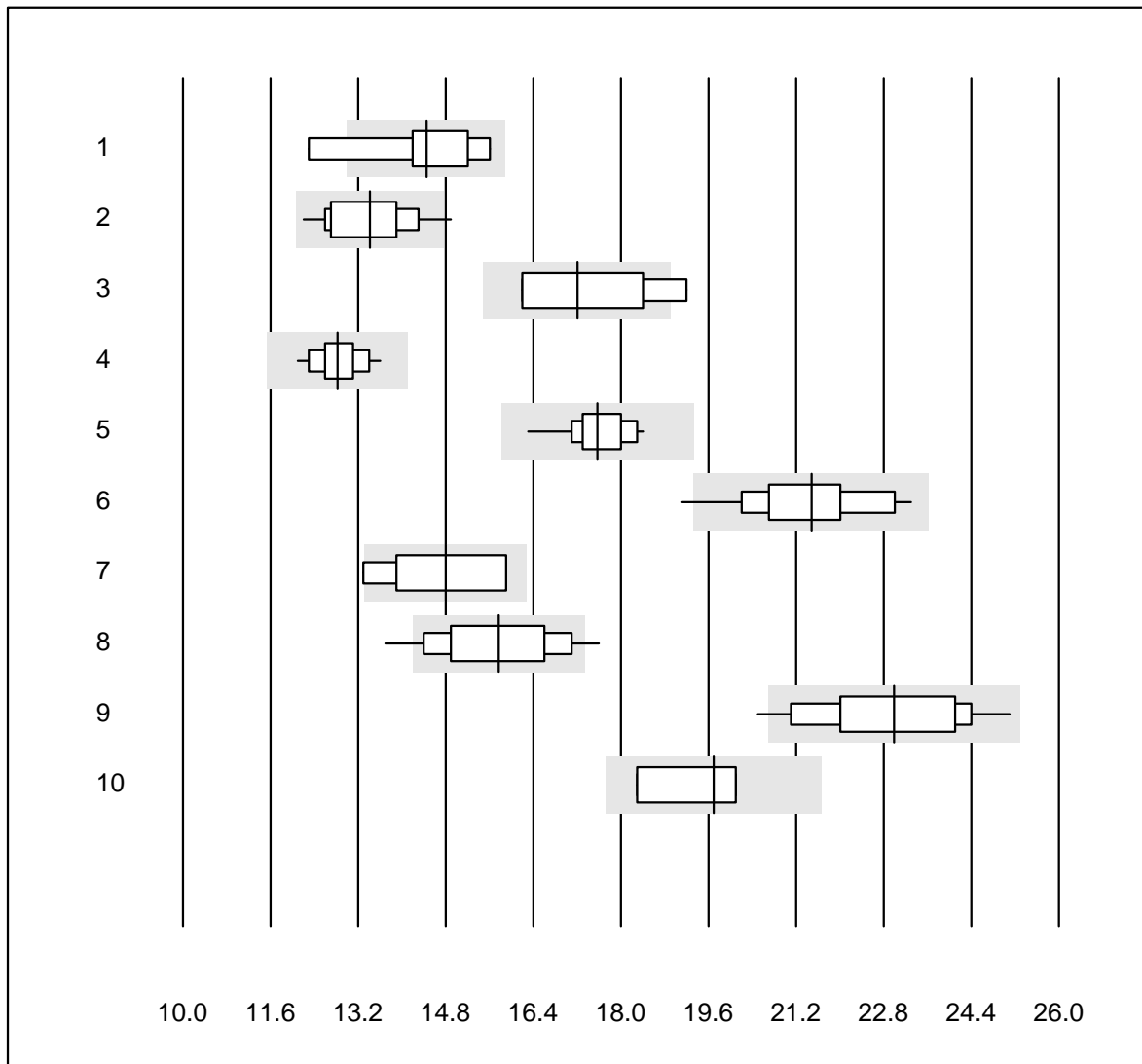


QUALAB tolerance : 10 %

Glucose (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Accu-Chek Aviva	371	95.4	1.9	2.7	12.9	3.4	e
2	Accu-Chek Inform 2	270	100.0	0.0	0.0	13.0	3.2	e
3	Accu-Chek Mobile	4	100.0	0.0	0.0	14.1	4.9	e*
4	Bayer Contour 2 (5s)	47	78.7	4.3	17.0	10.5	4.6	e
5	Bayer Contour XT/NEX	1169	95.7	2.7	1.6	13.1	4.5	e
6	Bayer Breeze 2	12	100.0	0.0	0.0	21.6	3.6	e
7	Glucocard	11	81.8	9.1	9.1	20.5	7.1	e*
8	Hemocue 201+ P-equiv	83	95.2	3.6	1.2	13.9	3.4	e
9	Hemocue 201RT P-equiv	41	90.3	2.4	7.3	13.8	3.6	e
10	FreeStyle Precision	6	100.0	0.0	0.0	14.0	5.2	e*
11	Freestyle Freedom li	8	100.0	0.0	0.0	13.8	3.4	e
12	Sanofi BG Star	6	83.3	0.0	16.7	18.5	5.4	e*

Glucose B

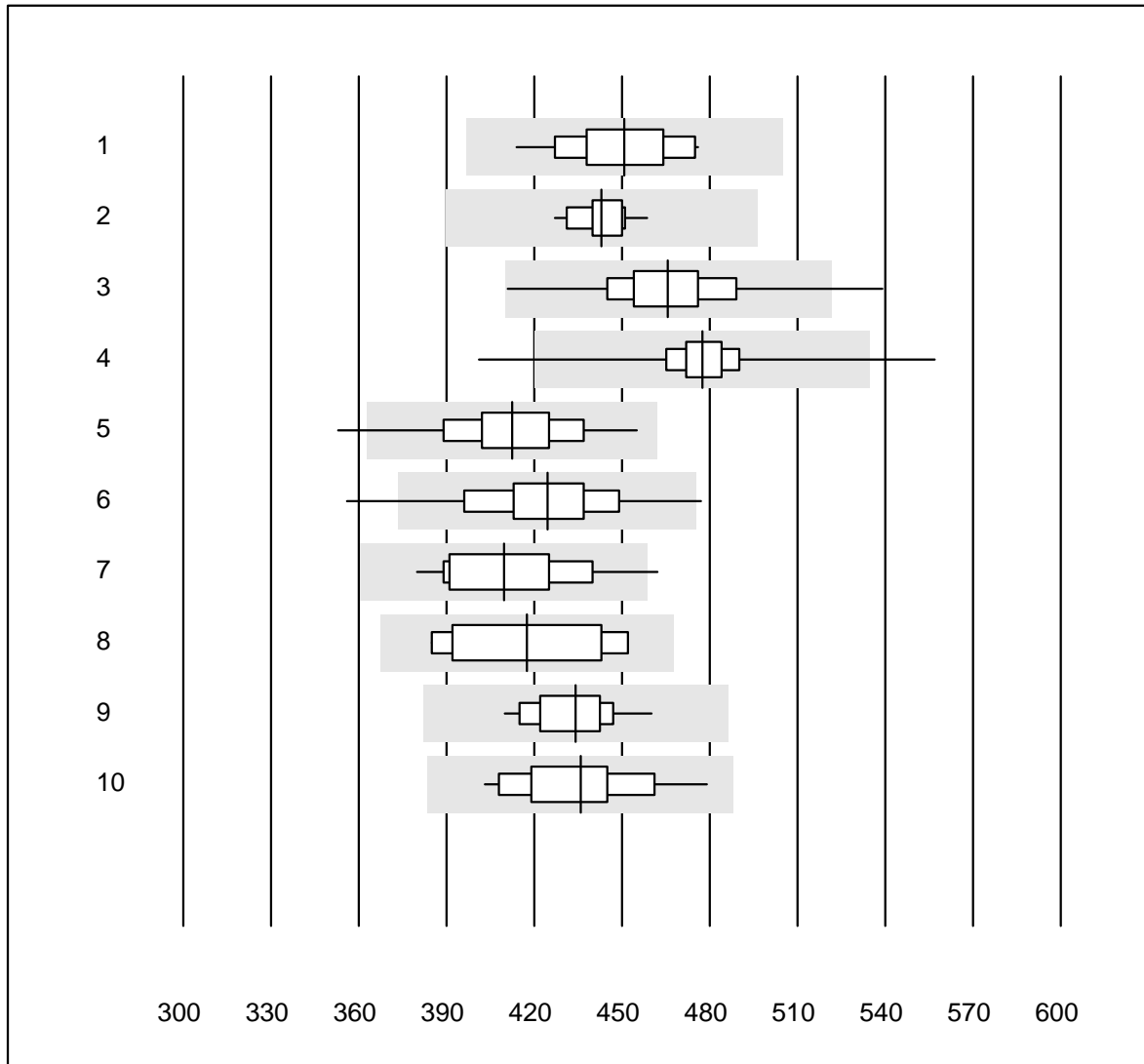


QUALAB tolerance : 10 %

Glucose B (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Bayer Elite	8	75.0	12.5	12.5	14.5	7.4	e*
2	Hemocue 201+ (alt)	52	88.4	5.8	5.8	13.4	5.4	e
3	OneTouch Ultra	8	75.0	25.0	0.0	17.2	7.4	e*
4	OneTouch Verio	26	100.0	0.0	0.0	12.8	2.9	e
5	Bayer Contour (15s)	11	100.0	0.0	0.0	17.6	3.4	e
6	Healthpro	14	85.8	7.1	7.1	21.5	5.4	e*
7	Mylife UNIO	6	83.3	16.7	0.0	14.8	7.5	e*
8	mylife Pura	67	91.0	9.0	0.0	15.8	6.2	e
9	Omnitest	17	76.5	5.9	17.6	23.0	5.8	e*
10	Alpha Check	4	100.0	0.0	0.0	19.7	4.4	e*

Uric Acid

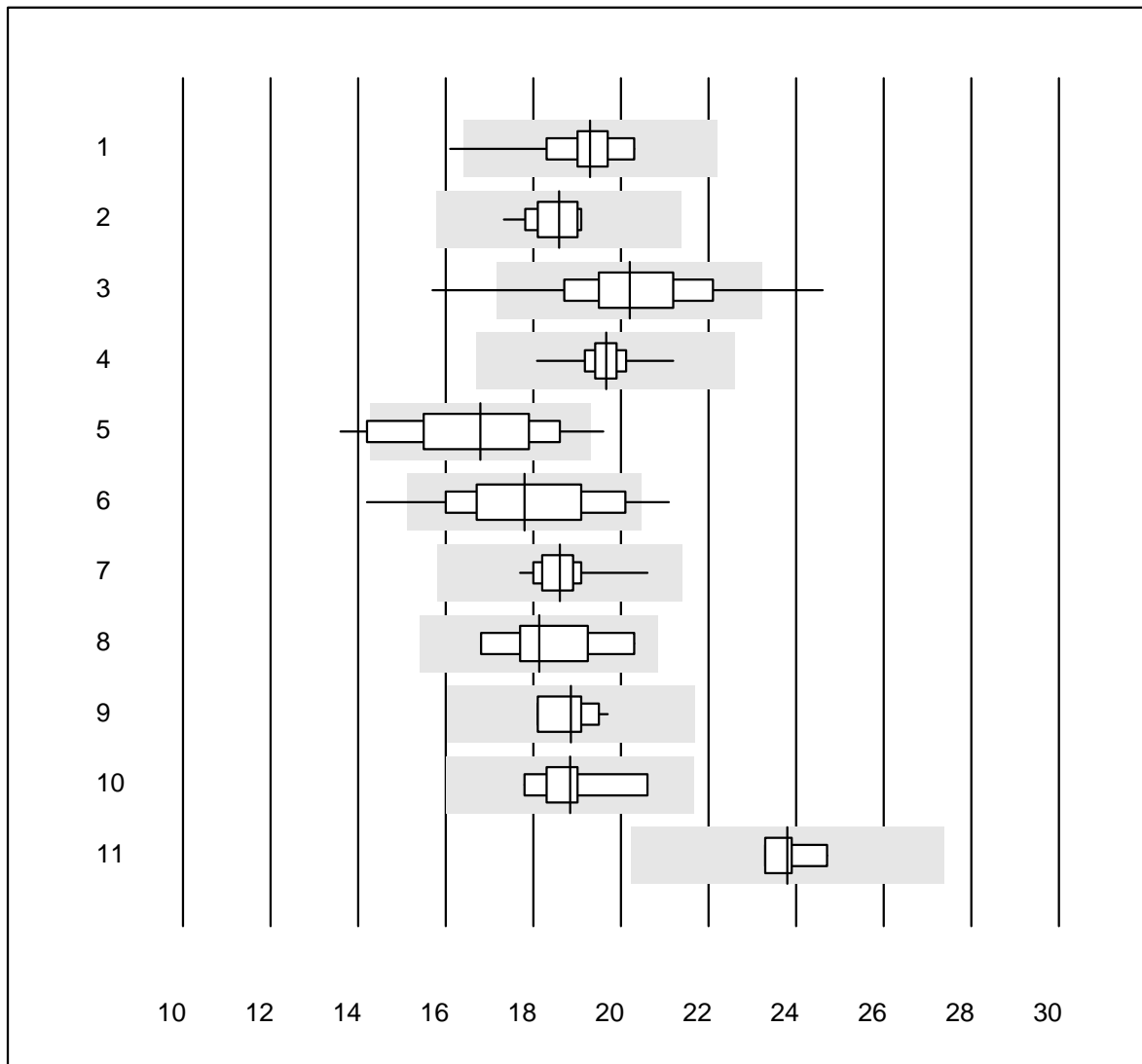


QUALAB tolerance : 12 %

Uric Acid (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	26	96.2	0.0	3.8	451	4.0	e
2	Cobas	11	100.0	0.0	0.0	443	2.0	e
3	Reflotron	744	98.6	0.5	0.9	466	3.9	e
4	Fuji Dri-Chem	722	99.6	0.3	0.1	477	2.3	e
5	Spotchem/Ready	120	97.5	0.8	1.7	412	4.5	e
6	Spotchem D-Concept	149	98.0	1.3	0.7	425	4.6	e
7	Piccolo	24	91.6	4.2	4.2	410	5.3	e
8	Abx Mira	8	100.0	0.0	0.0	418	6.0	e*
9	Hitachi S40/M40	16	100.0	0.0	0.0	434	3.0	e
10	Autolyser/DiaSys	12	100.0	0.0	0.0	436	4.9	e

Urea

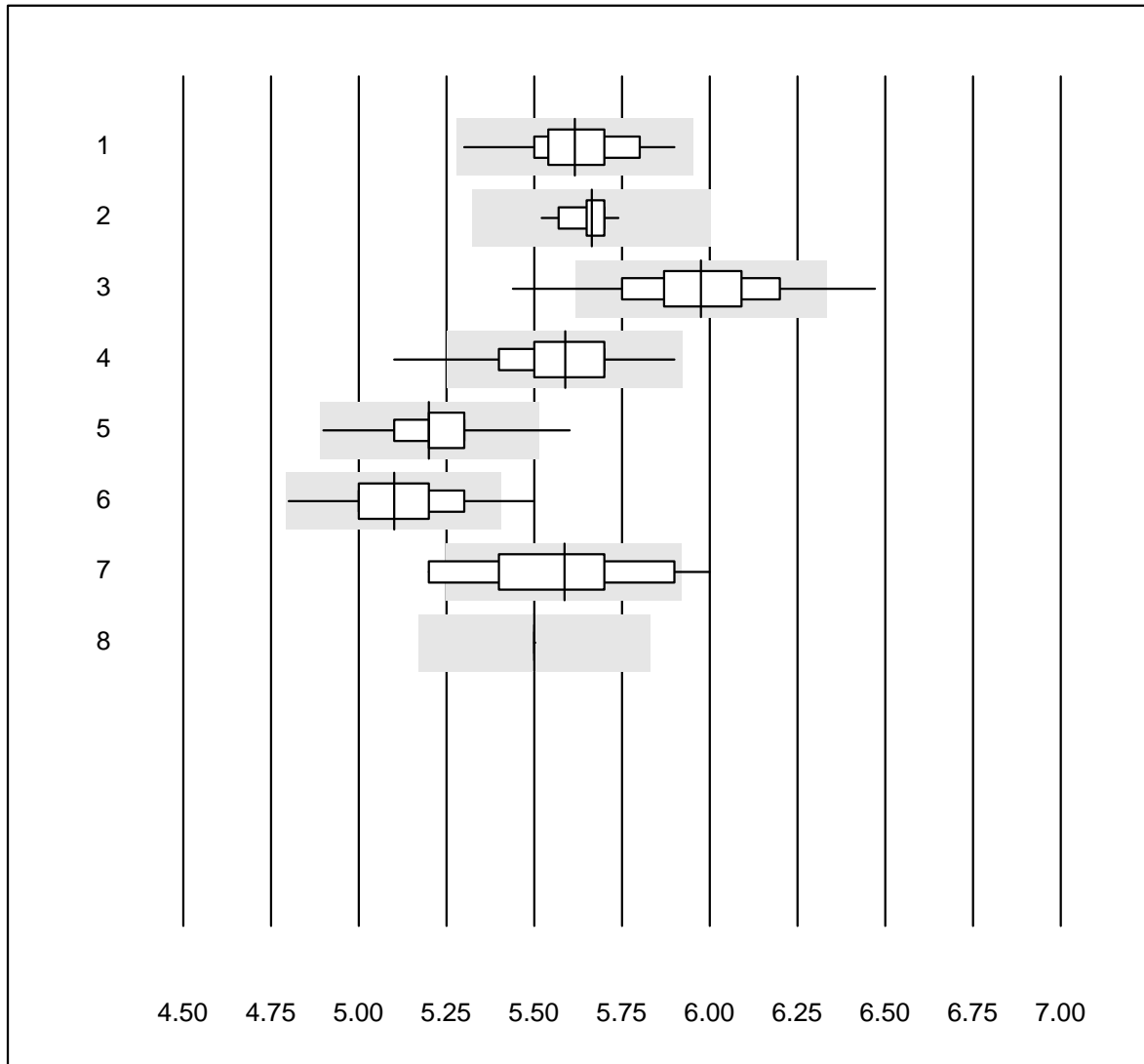


QUALAB tolerance : 15 %

Urea (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	24	95.8	4.2	0.0	19.3	5.0	e
2	Cobas	14	100.0	0.0	0.0	18.6	3.0	e
3	Reflotron	333	94.6	4.2	1.2	20.2	6.8	e
4	Fuji Dri-Chem	439	99.8	0.0	0.2	19.7	1.9	e
5	Spotchem/Ready	82	81.7	11.0	7.3	16.8	9.3	e
6	Spotchem D-Concept	88	87.5	5.7	6.8	17.8	8.8	e
7	Piccolo	35	94.3	0.0	5.7	18.6	3.1	e
8	Abx Mira	6	100.0	0.0	0.0	18.1	6.8	e*
9	Hitachi S40/M40	12	100.0	0.0	0.0	18.9	3.0	e
10	Autolyser/DiaSys	7	100.0	0.0	0.0	18.8	4.6	e
11	iStat Chem8	5	80.0	0.0	20.0	23.8	2.4	e

Potassium

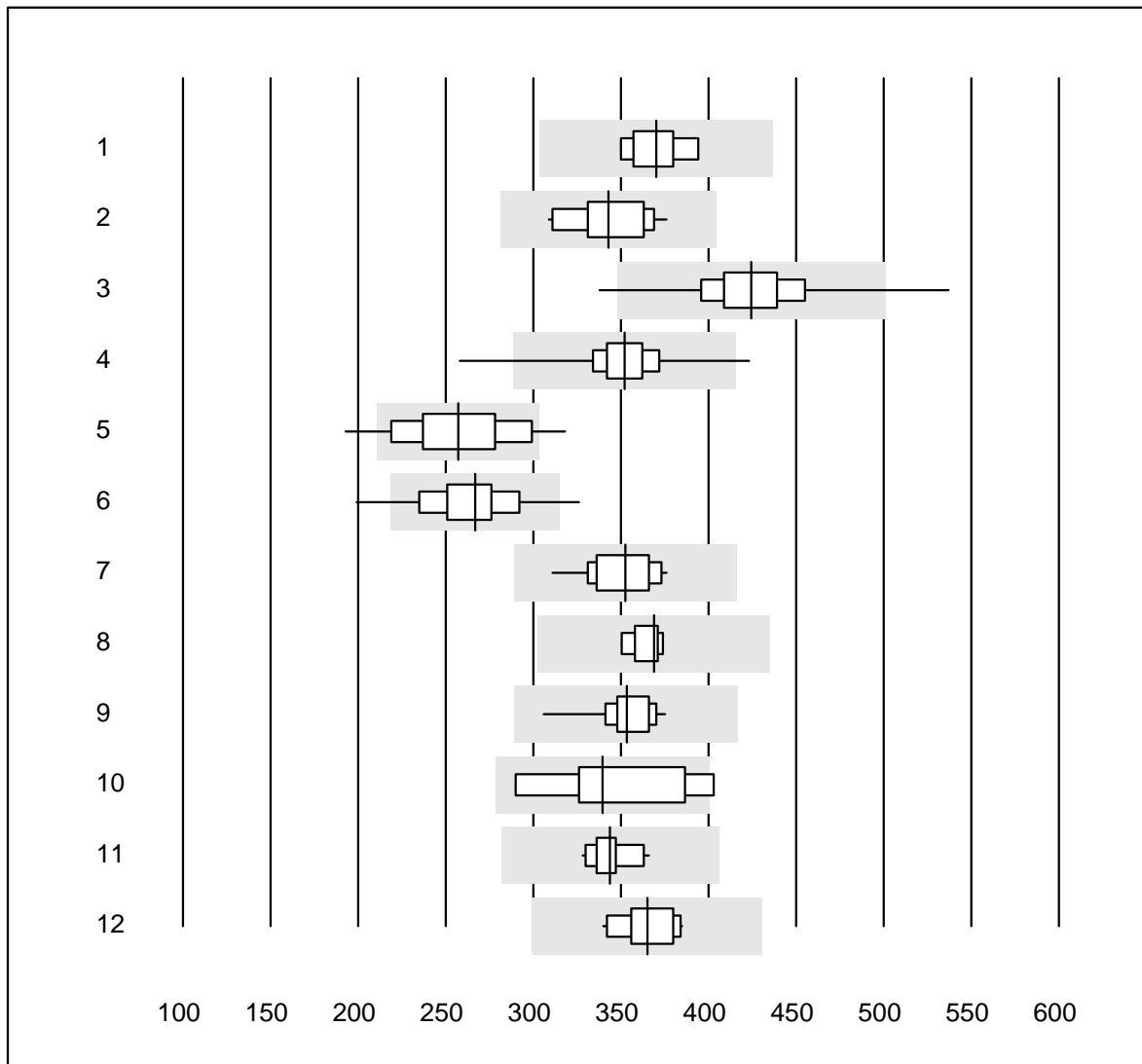


QUALAB tolerance : 6 %

Potassium (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	34	94.1	0.0	5.9	5.62	2.1	e
2	Cobas	17	100.0	0.0	0.0	5.66	1.0	e
3	Reflotron	759	92.0	5.0	3.0	5.98	3.0	e
4	Fuji Dri-Chem	758	97.4	1.5	1.1	5.59	2.2	e
5	Spotchem D-Concept	152	98.0	0.7	1.3	5.20	2.2	e
6	Spotchem EL-SE 1520	118	96.7	2.5	0.8	5.10	2.7	e
7	Piccolo	23	69.6	21.7	8.7	5.59	4.3	e*
8	iStat Chem8	6	83.3	0.0	16.7	5.50	0.0	e

Creatinine

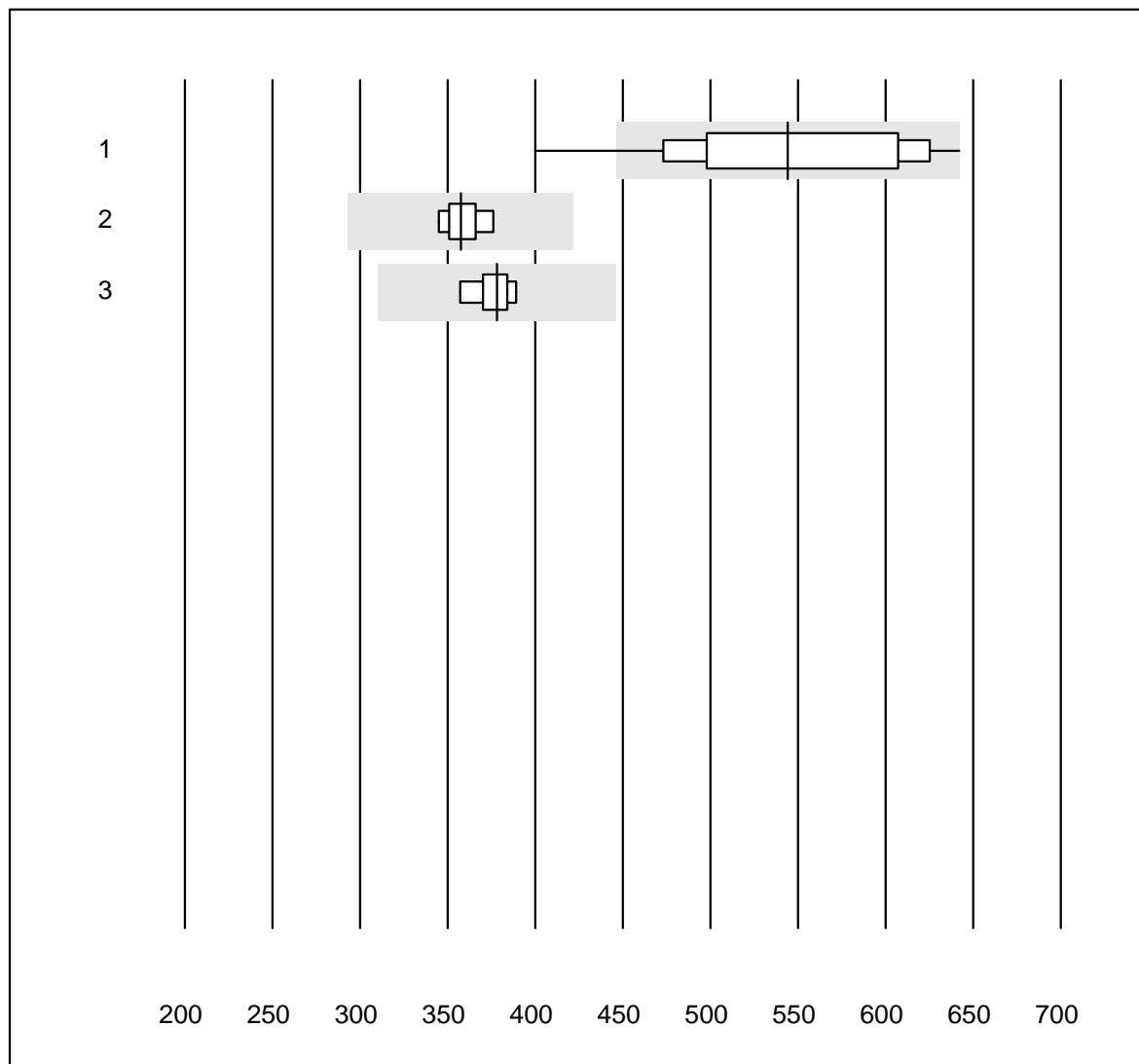


QUALAB tolerance : 18 %

Creatinine (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	9	100.0	0.0	0.0	370	4.0	e
2	Cobas	18	100.0	0.0	0.0	343	6.0	e
3	Reflotron	944	97.8	0.8	1.4	424	5.8	e
4	Fuji Dri-Chem	788	98.9	0.3	0.8	352	4.6	e
5	Spotchem/Ready	150	90.7	8.0	1.3	257	11.2	e
6	Spotchem D-Concept	158	91.8	5.7	2.5	267	9.1	e
7	Jaffé	12	100.0	0.0	0.0	353	5.4	e
8	Enzymatic	5	100.0	0.0	0.0	369	2.7	e
9	Piccolo	35	100.0	0.0	0.0	353	4.3	e
10	Abx Mira	9	77.8	22.2	0.0	340	12.4	e*
11	Hitachi S40/M40	17	94.1	0.0	5.9	344	3.2	e
12	Autolyser/DiaSys	13	100.0	0.0	0.0	365	4.2	e

Creatinine E

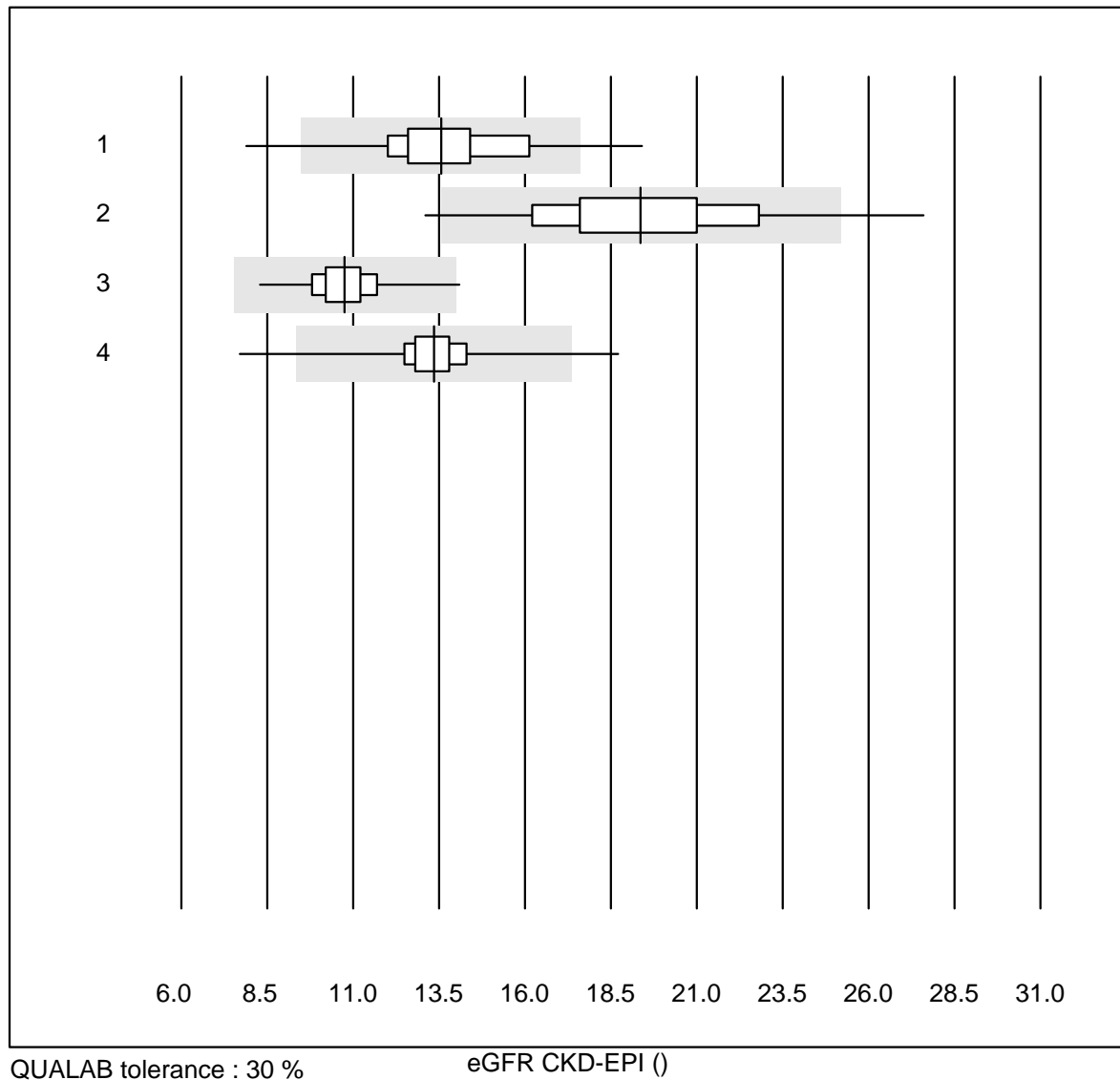


QUALAB tolerance : 18 %

Creatinine E (µmol/l)

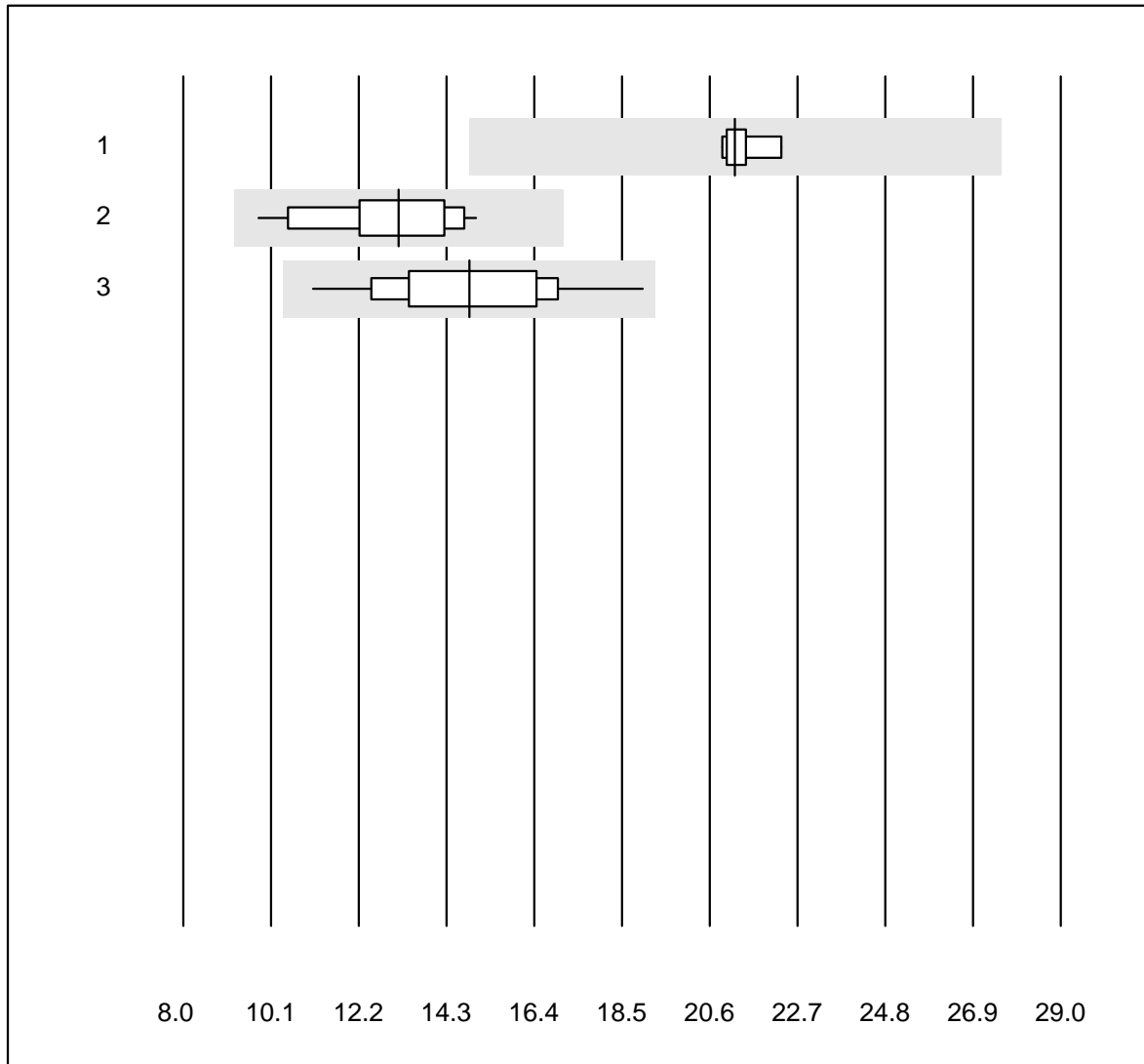
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Statsensor i / Nova	32	84.4	12.5	3.1	544	13.0	e*
2	iStat Chem8	8	100.0	0.0	0.0	358	3.0	e
3	ABL700/800	9	100.0	0.0	0.0	378	2.8	e

eGFR CKD-EPI



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	59	84.7	10.2	5.1	14	15.1	e
2	Spotchem/Ready	112	86.6	6.3	7.1	19	14.3	e
3	Reflotron	341	95.3	1.5	3.2	11	8.0	e
4	Fuji Dri-Chem	319	95.3	1.3	3.4	13	7.7	e

eGFR Cockcroft-Gault

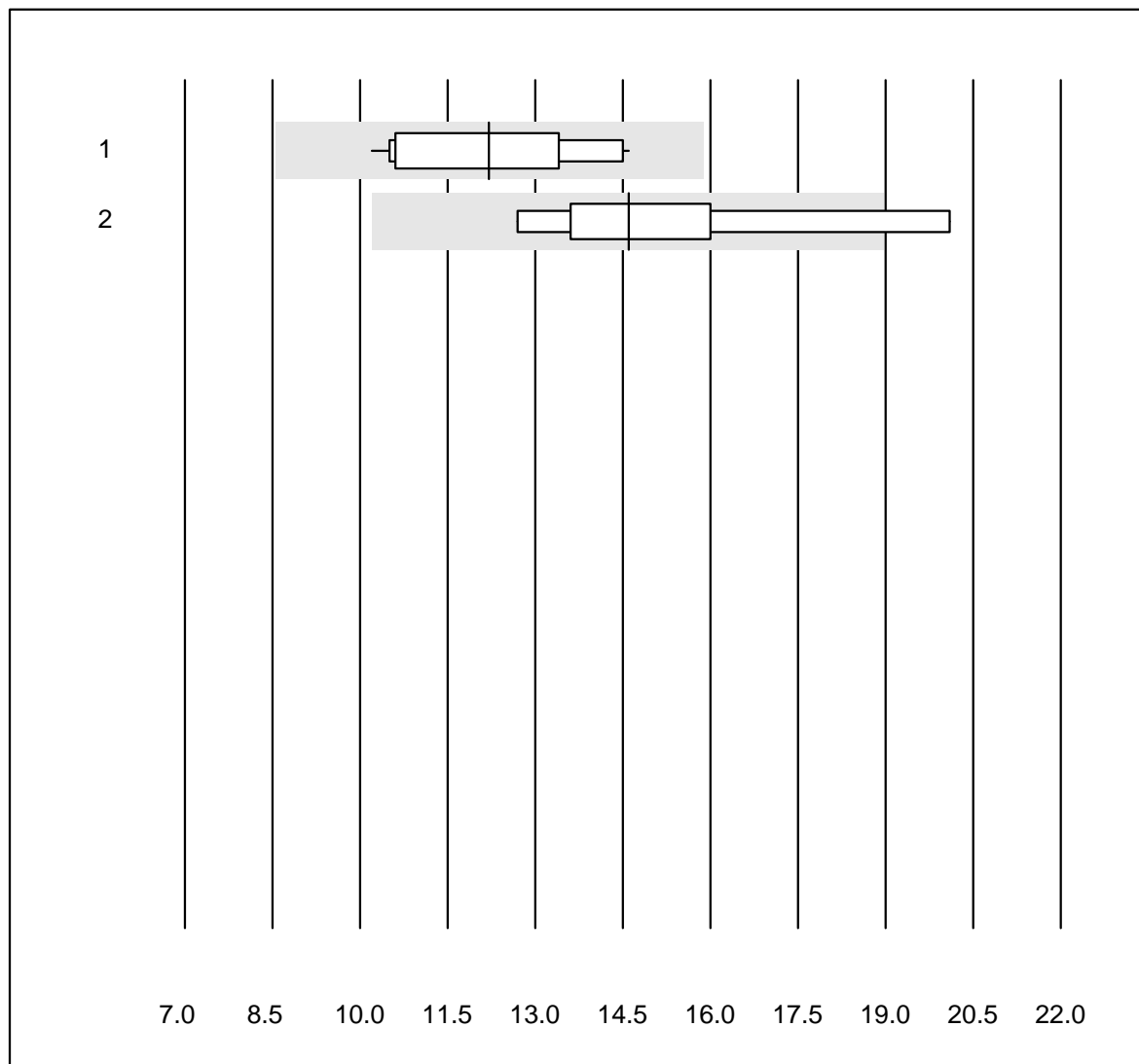


QUALAB tolerance : 30 %

eGFR Cockcroft-Gault ()

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Spotchem/Ready	6	83.3	0.0	16.7	21	2.6	e
2	Reflotron	26	100.0	0.0	0.0	13	11.6	e
3	Fuji Dri-Chem	25	100.0	0.0	0.0	15	13.2	e

eGFR MDRD

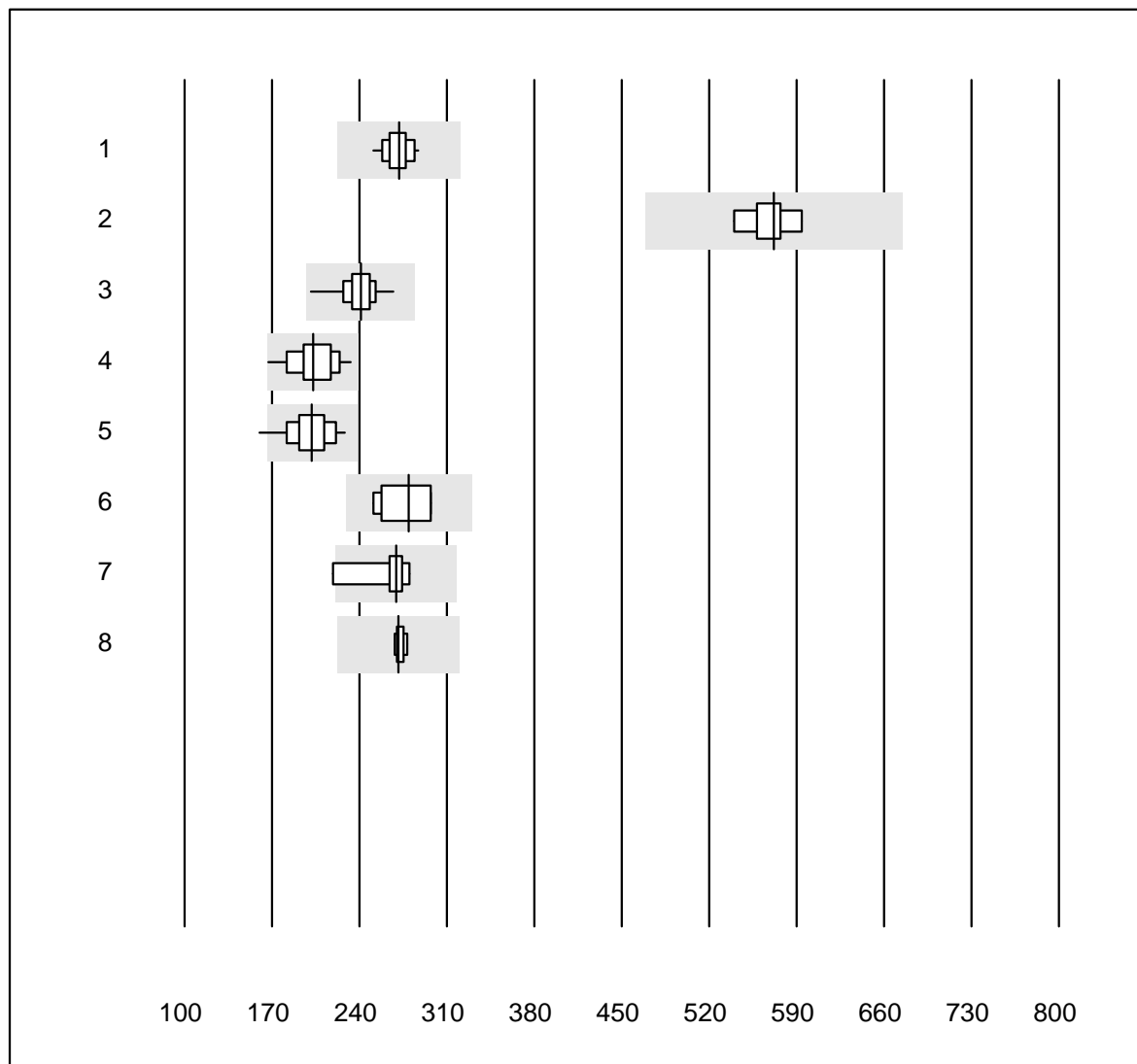


QUALAB tolerance : 30 %

eGFR MDRD ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Reflotron	12	100.0	0.0	0.0	12	12.3	e
2	Fuji Dri-Chem	6	66.6	16.7	16.7	15	18.4	e*

LDH

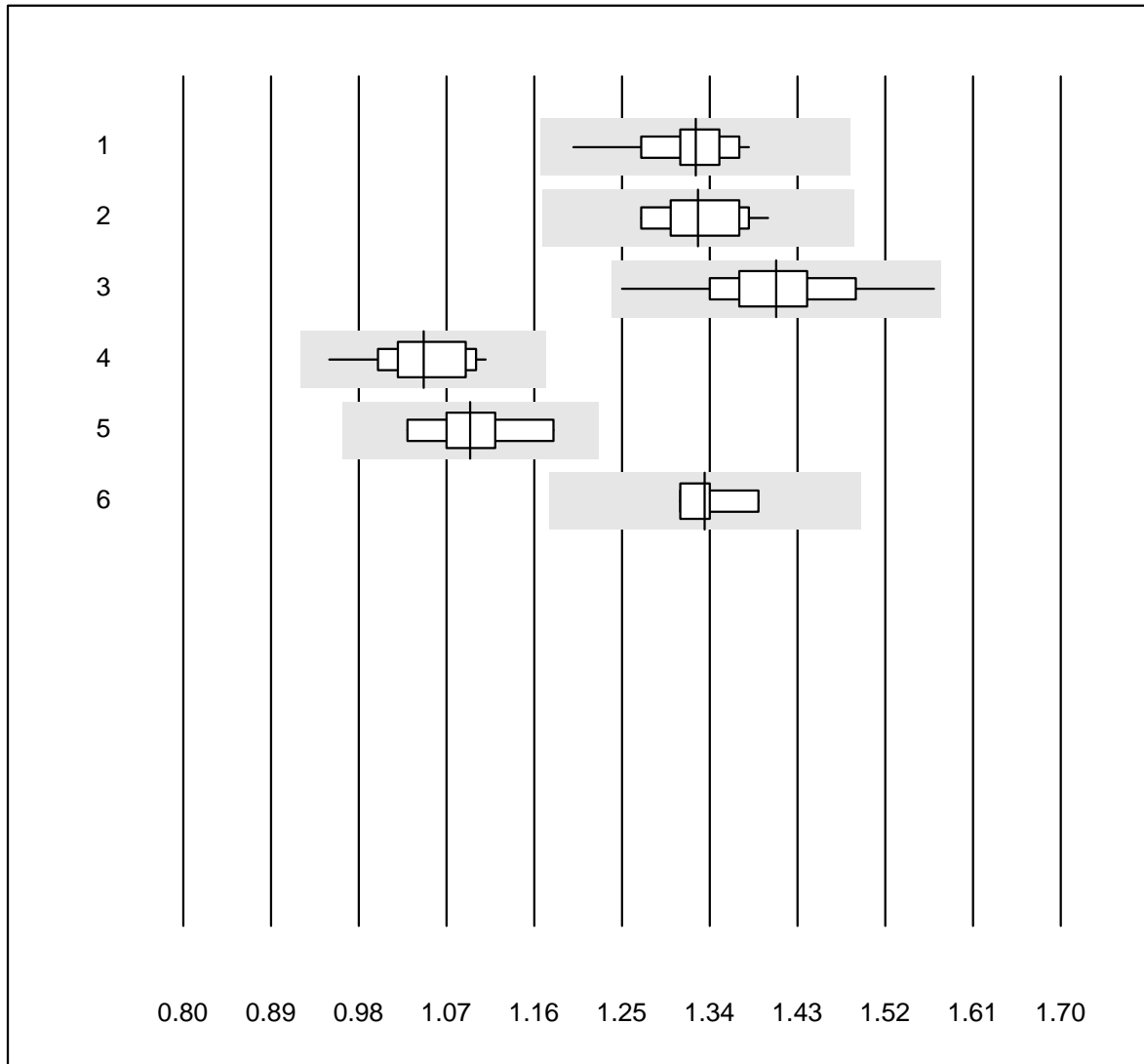


QUALAB tolerance : 18 %

LDH (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	20	100.0	0.0	0.0	272	3.5	e
2	Cobas	9	100.0	0.0	0.0	572	2.9	e
3	Fuji Dri-Chem	143	97.9	0.0	2.1	241	4.6	e
4	Spotchem/Ready	34	100.0	0.0	0.0	203	8.2	e
5	Spotchem D-Concept	40	97.5	2.5	0.0	202	7.3	e
6	Abx Mira	6	100.0	0.0	0.0	280	7.0	e*
7	Hitachi S40/M40	6	83.3	16.7	0.0	269	8.4	e*
8	Autolyser/DiaSys	7	85.7	0.0	14.3	271	1.3	e

Magnesium

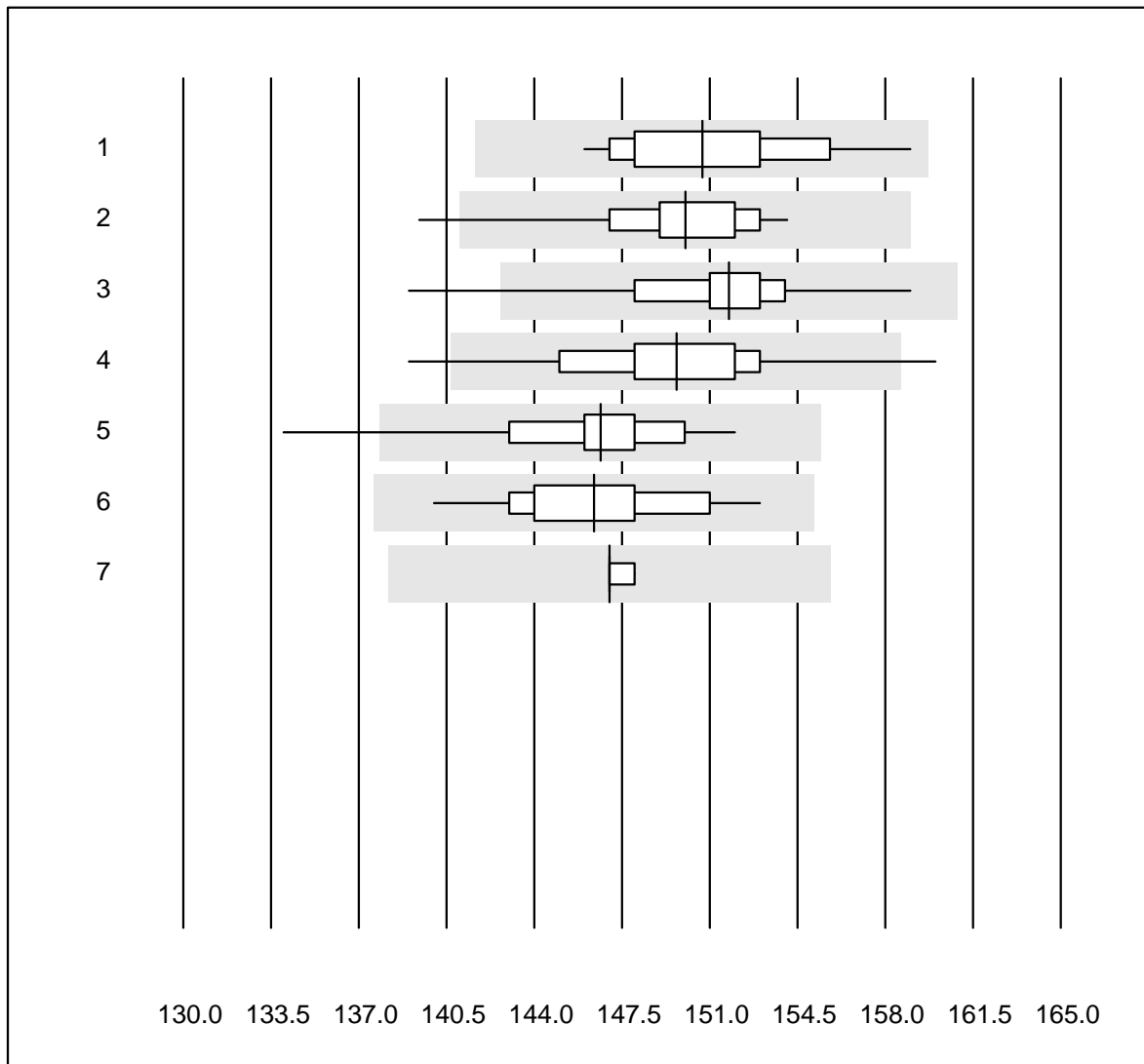


QUALAB tolerance : 12 %

Magnesium (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	1.33	3.3	e
2	Cobas	10	100.0	0.0	0.0	1.33	3.2	e
3	Fuji Dri-Chem	118	98.3	0.0	1.7	1.41	4.0	e
4	Spotchem D-Concept	33	100.0	0.0	0.0	1.05	3.9	e
5	Spotchem/Ready	16	100.0	0.0	0.0	1.09	4.1	e
6	Piccolo	4	100.0	0.0	0.0	1.34	2.5	e

Sodium

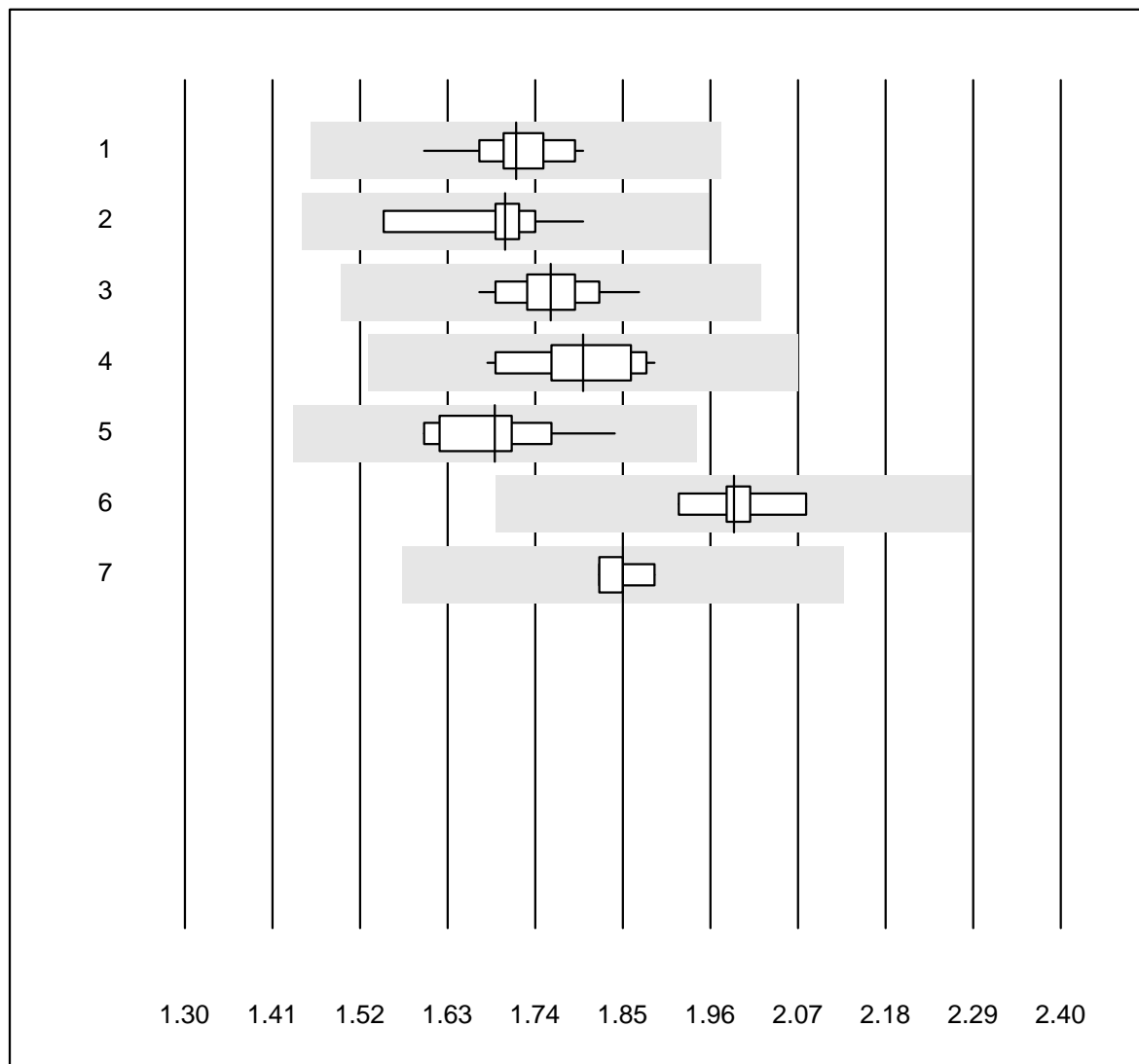


QUALAB tolerance : 6 %

Sodium (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	33	100.0	0.0	0.0	151	2.2	e
2	Cobas	16	93.7	6.3	0.0	150	2.3	e
3	Fuji Dri-Chem	700	98.0	1.1	0.9	152	1.8	e
4	Spotchem D-Concept	146	97.2	2.1	0.7	150	2.3	e
5	Spotchem EL-SE 1520	117	98.2	0.9	0.9	147	2.0	e
6	Piccolo	24	100.0	0.0	0.0	146	2.1	e
7	iStat Chem8	4	100.0	0.0	0.0	147	0.3	e

Phosphate

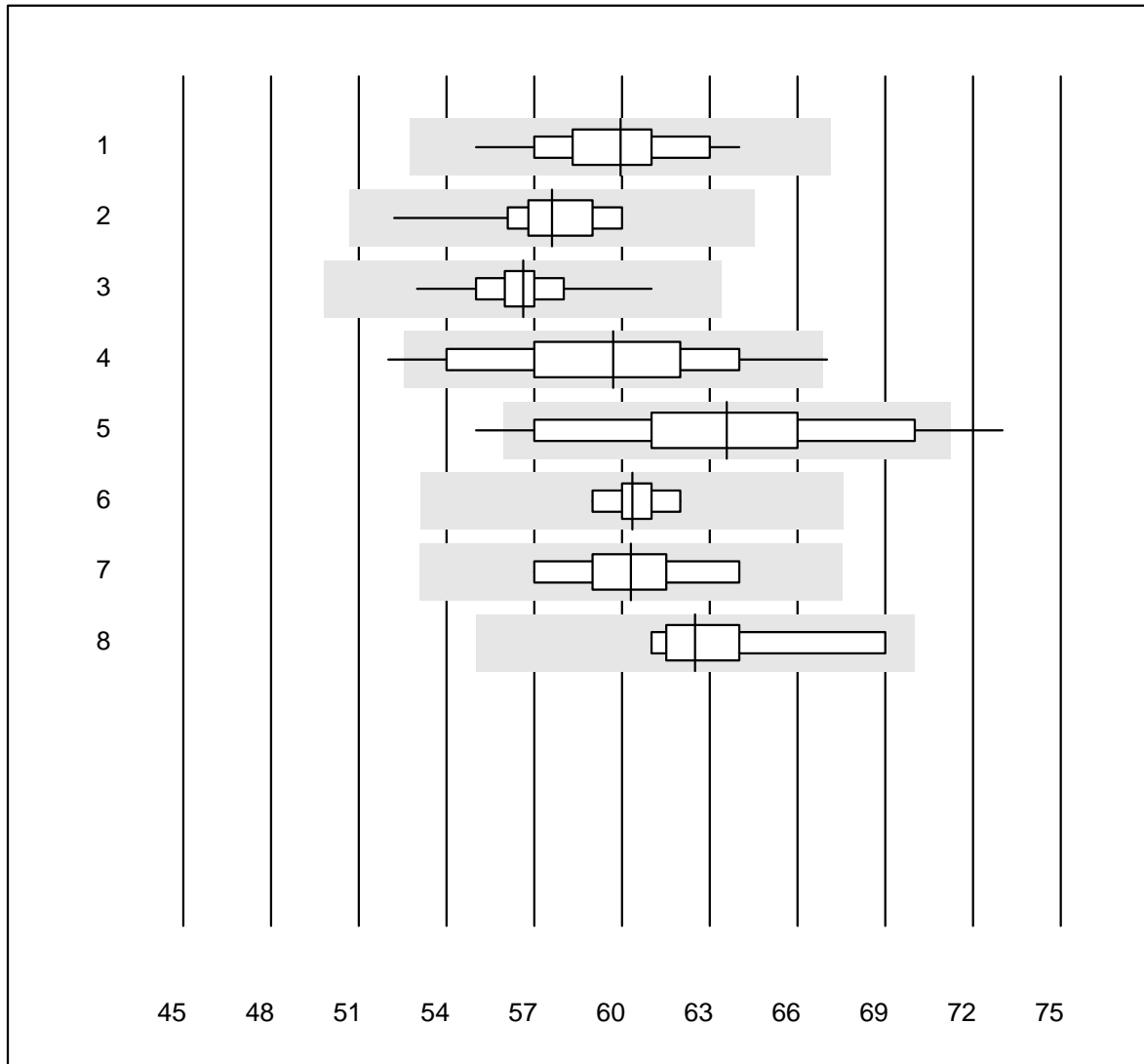


QUALAB tolerance : 15 %

Phosphate (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	17	100.0	0.0	0.0	1.7	2.7	e
2	Cobas	10	100.0	0.0	0.0	1.7	3.7	e
3	Fuji Dri-Chem	77	98.7	0.0	1.3	1.8	2.7	e
4	Spotchem D-Concept	16	100.0	0.0	0.0	1.8	3.7	e
5	Spotchem/Ready	10	100.0	0.0	0.0	1.7	4.3	e
6	Piccolo	5	100.0	0.0	0.0	2.0	2.9	e
7	Abx Mira	4	100.0	0.0	0.0	1.9	1.6	e

Protein total

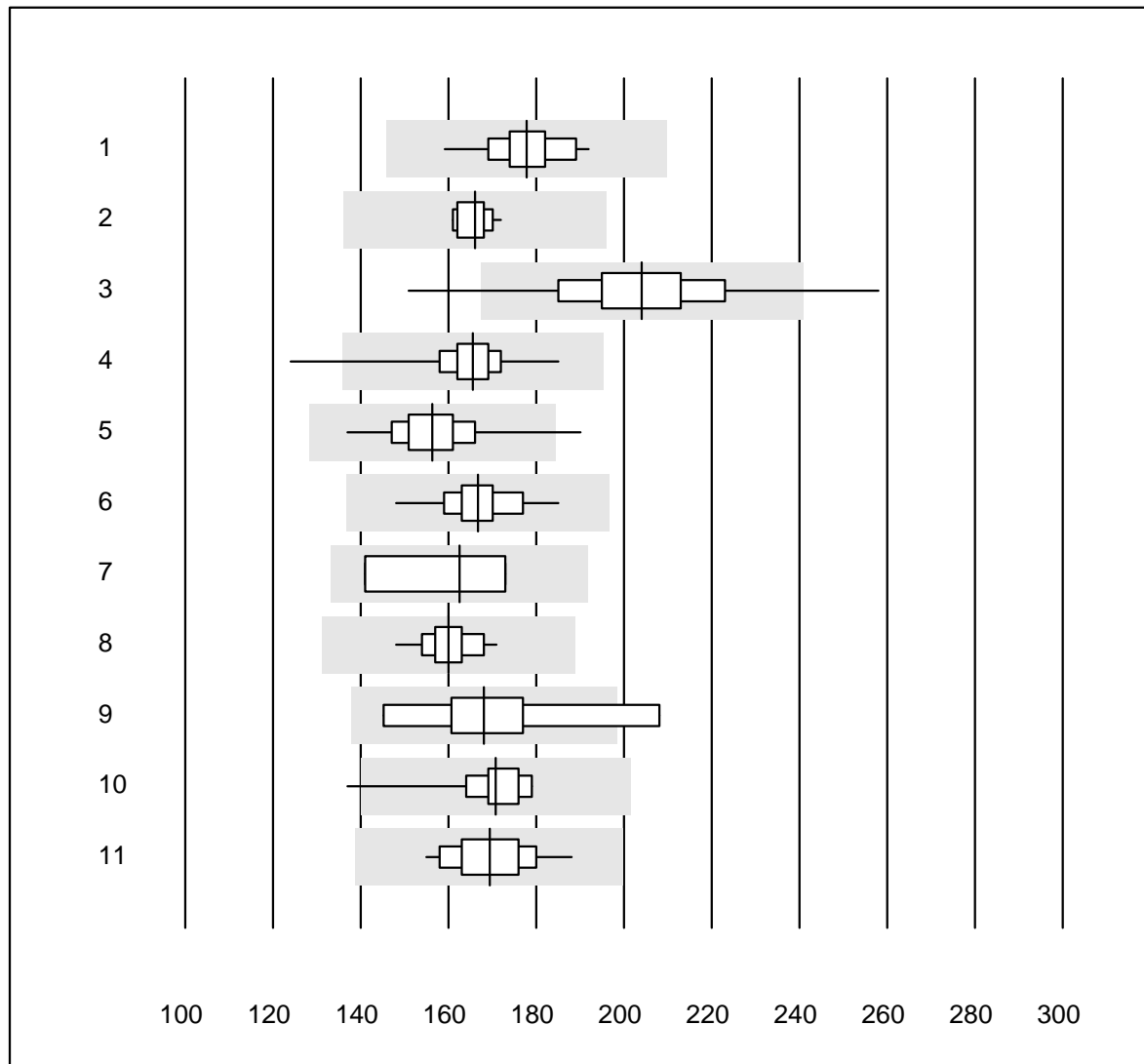


QUALAB tolerance : 12 %

Protein total (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	24	100.0	0.0	0.0	59.9	3.6	e
2	Cobas	12	100.0	0.0	0.0	57.6	3.8	e
3	Fuji Dri-Chem	188	98.9	0.0	1.1	56.6	2.4	e
4	Spotchem/Ready	40	92.5	7.5	0.0	59.7	6.1	e
5	Spotchem D-Concept	65	92.3	3.1	4.6	63.6	6.7	e
6	Piccolo	26	100.0	0.0	0.0	60.4	1.5	e
7	Abx Mira	5	100.0	0.0	0.0	60.3	4.4	e*
8	Hitachi S40/M40	6	100.0	0.0	0.0	62.5	4.6	e*

Aspartate aminotransferase

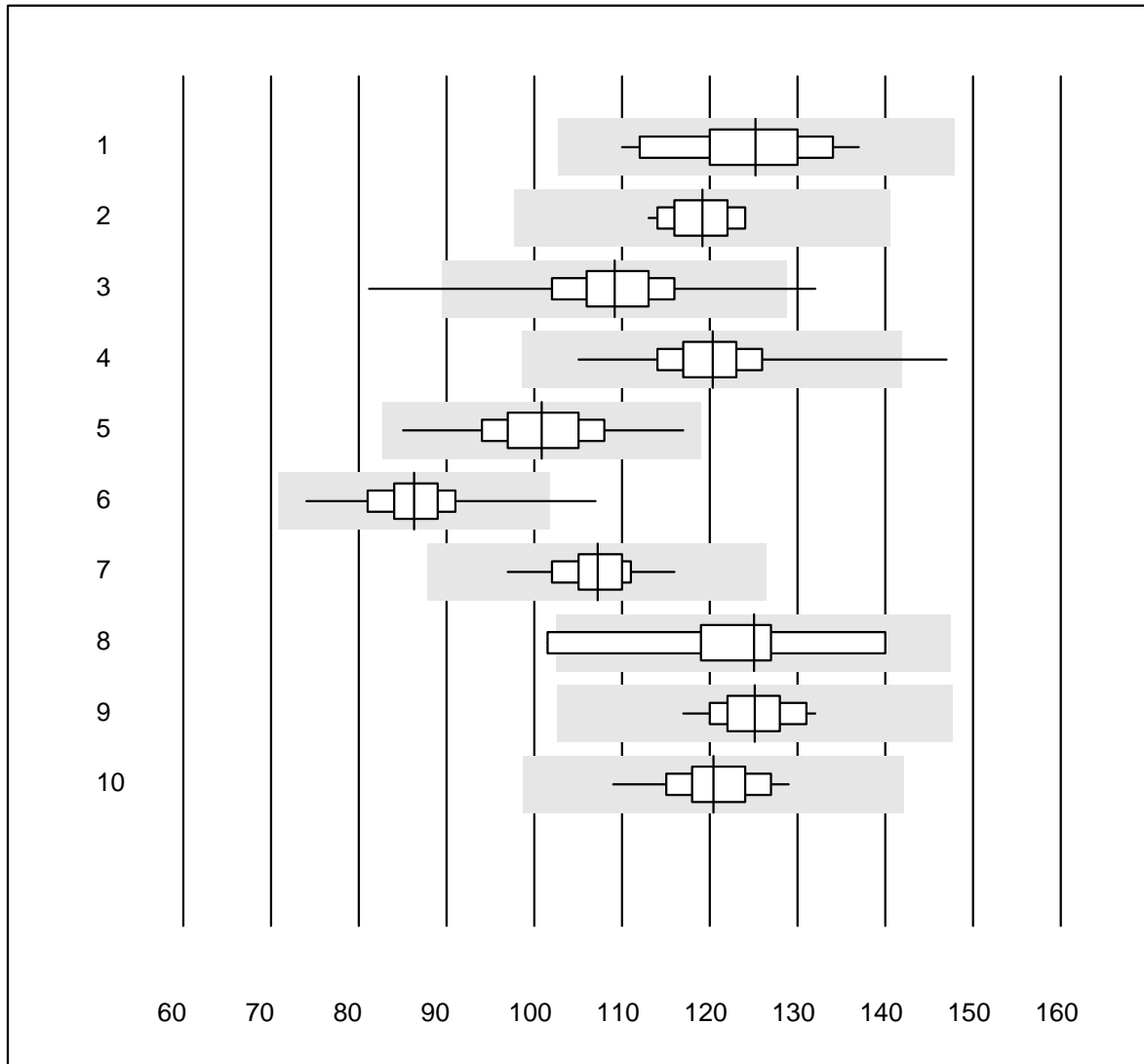


QUALAB tolerance : 18 %

Aspartate aminotransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC with PP	22	100.0	0.0	0.0	178	4.5	e
2	Cobas	16	100.0	0.0	0.0	166	2.0	e
3	Reflotron	843	96.6	2.6	0.8	204	7.4	e
4	Fuji Dri-Chem	762	99.3	0.3	0.4	166	3.7	e
5	Spotchem/Ready	152	98.0	2.0	0.0	156	5.4	e
6	Spotchem D-Concept	159	98.7	0.0	1.3	167	4.1	e
7	IFCC without PP	4	100.0	0.0	0.0	163	10.0	e*
8	Piccolo	35	100.0	0.0	0.0	160	3.1	e
9	Abx Mira	9	88.9	11.1	0.0	168	10.4	e*
10	Hitachi S40/M40	19	94.7	5.3	0.0	171	5.5	e
11	Autolyser/DiaSys	13	100.0	0.0	0.0	169	5.8	e

Alanine aminotransferase

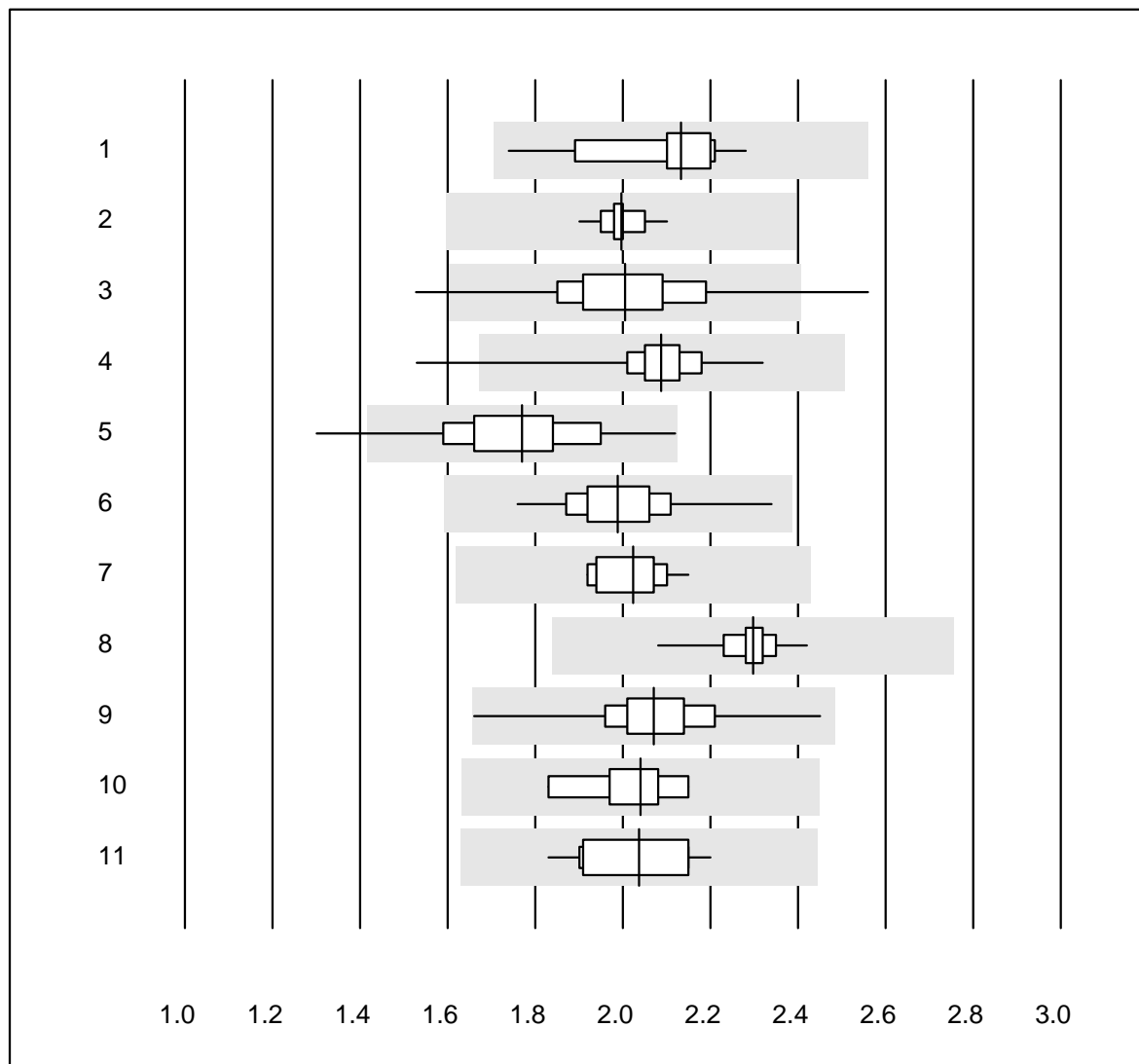


QUALAB tolerance : 18 %

Alanine aminotransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC with PP	23	100.0	0.0	0.0	125	6.0	e
2	Cobas	18	100.0	0.0	0.0	119	3.0	e
3	Reflotron	881	98.1	1.1	0.8	109	5.5	e
4	Fuji Dri-Chem	780	98.9	0.3	0.8	120	4.1	e
5	Spotchem/Ready	153	100.0	0.0	0.0	101	5.8	e
6	Spotchem D-Concept	164	97.6	0.6	1.8	86	5.2	e
7	Piccolo	36	100.0	0.0	0.0	107	3.7	e
8	Abx Mira	9	88.9	11.1	0.0	125	8.8	e*
9	Hitachi S40/M40	19	100.0	0.0	0.0	125	3.1	e
10	Autolyser/DiaSys	13	100.0	0.0	0.0	120	4.3	e

Triglycerides

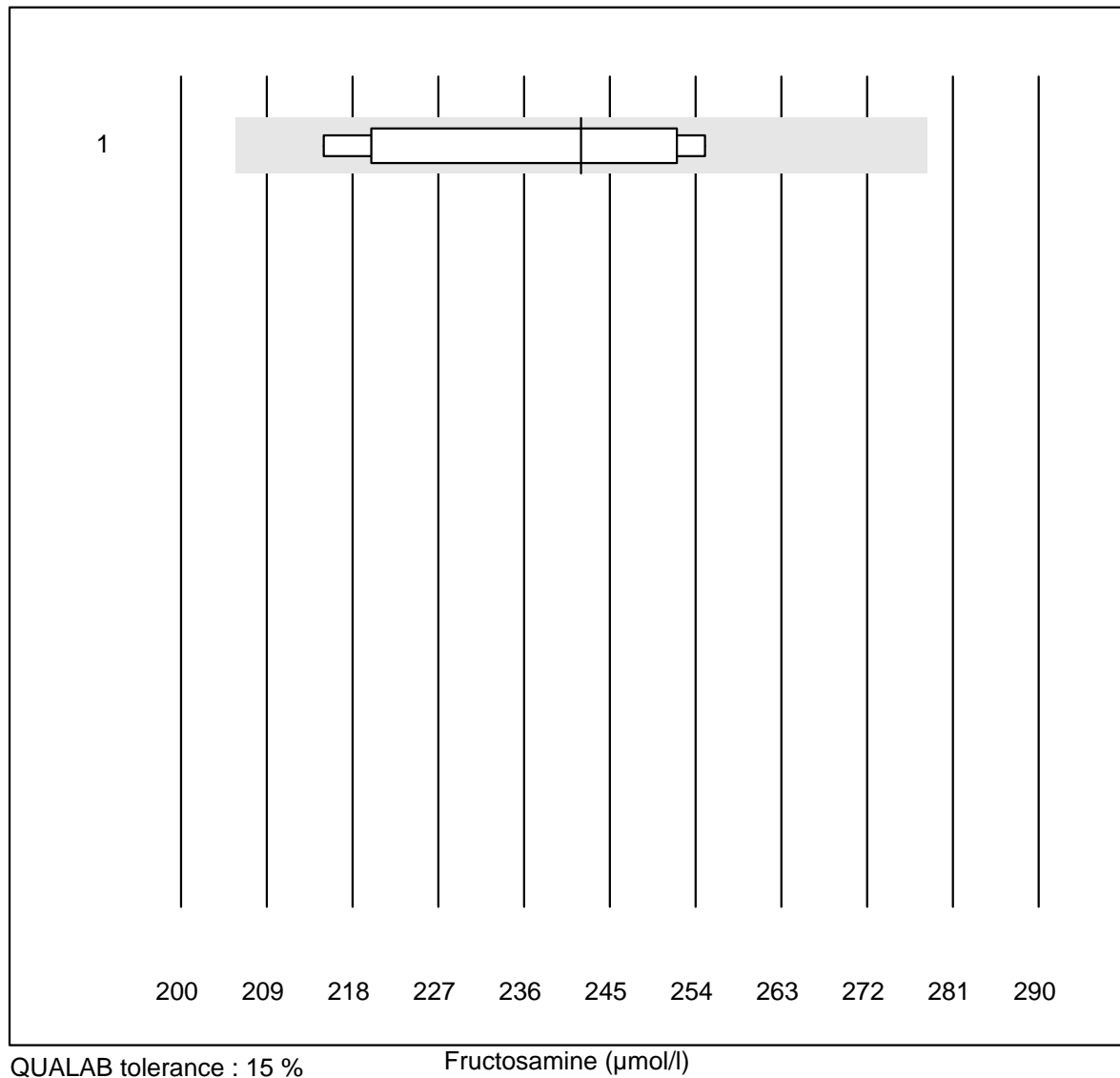


QUALAB tolerance : 20 %

Triglycerides (mmol/l)

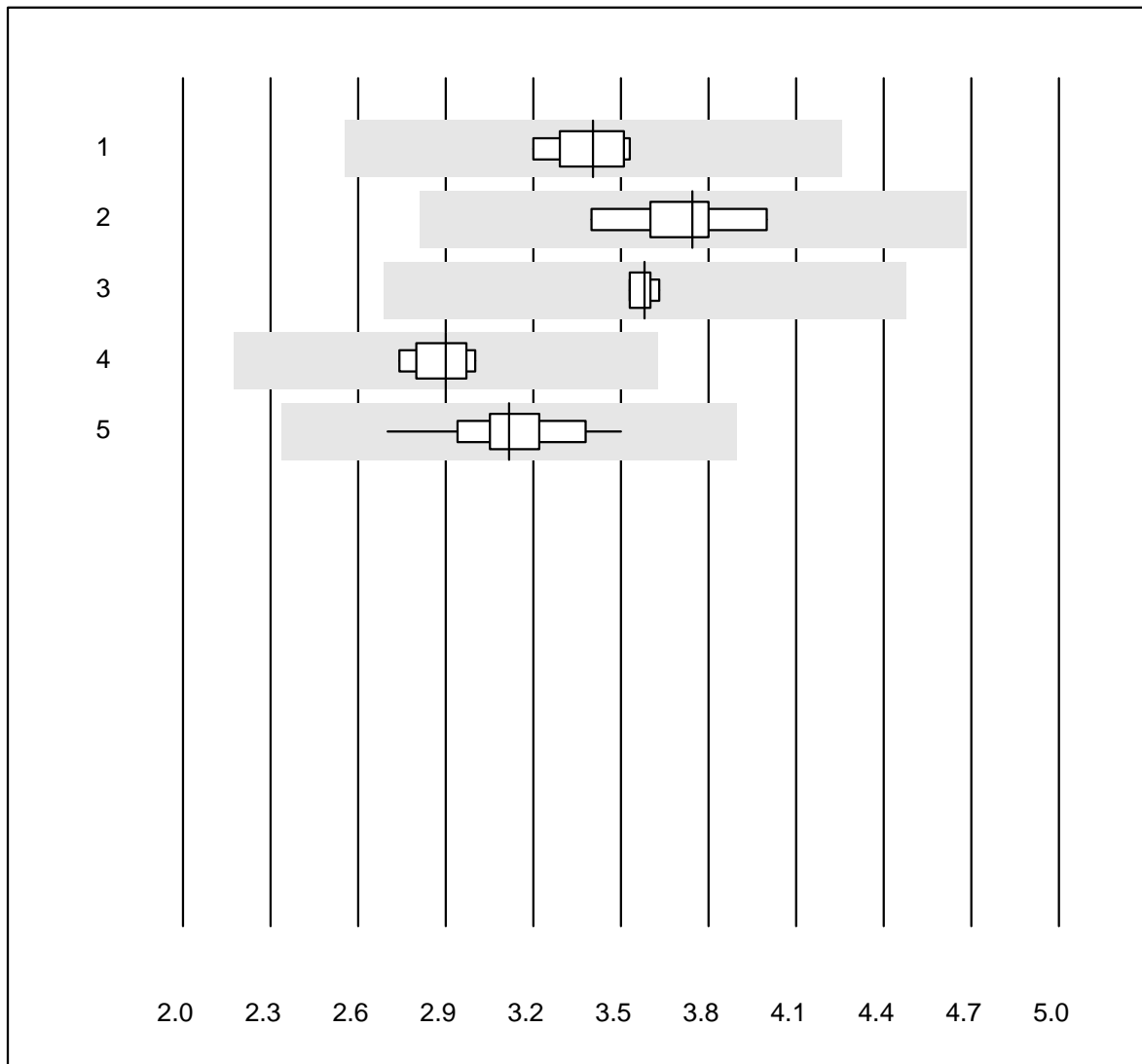
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	20	100.0	0.0	0.0	2.13	6.1	e
2	Cobas	17	100.0	0.0	0.0	2.00	2.3	e
3	Reflotron	624	96.5	1.6	1.9	2.00	7.0	e
4	Fuji Dri-Chem	691	99.5	0.4	0.1	2.09	3.6	e
5	Spotchem/Ready	131	99.2	0.8	0.0	1.77	7.9	e
6	Spotchem D-Concept	146	97.9	0.0	2.1	1.99	4.7	e
7	Hitachi S40/M40	14	100.0	0.0	0.0	2.02	3.7	e
8	Piccolo	19	100.0	0.0	0.0	2.30	2.8	e
9	Cholestech LDX	192	99.5	0.0	0.5	2.07	4.8	e
10	Abx Mira	9	100.0	0.0	0.0	2.04	4.8	e
11	Autolyser/DiaSys	12	100.0	0.0	0.0	2.04	5.9	e

Fructosamine



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Spotchem/Ready	5	100.0	0.0	0.0	242	7.7	e*

LDL Cholesterin

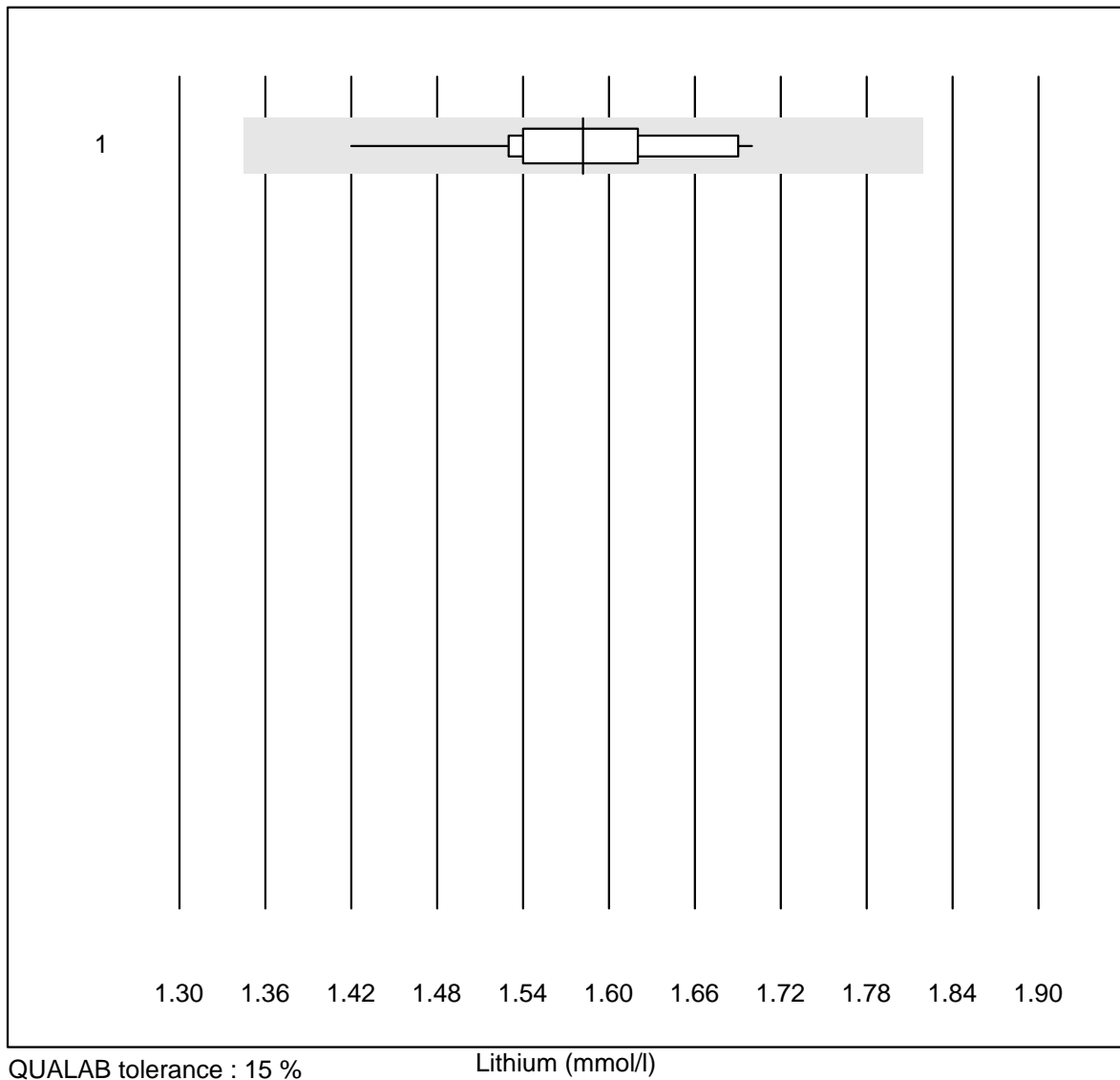


QUALAB tolerance : 25 %

LDL Cholesterin (mmol/l)

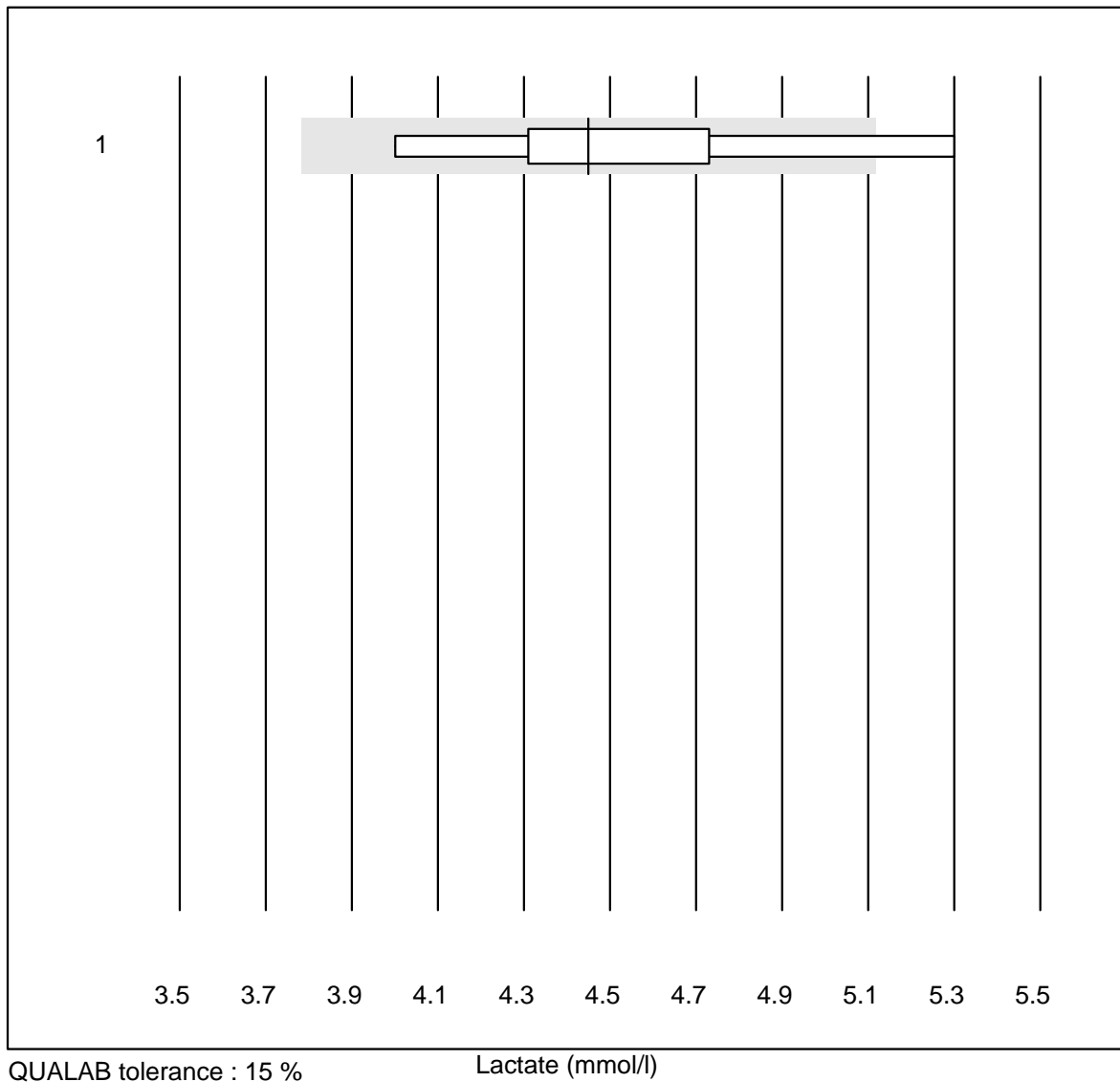
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Mira	6	100.0	0.0	0.0	3.4	3.8	e
2	Standard chemistry	6	100.0	0.0	0.0	3.7	5.4	e
3	Roche, Cobas	4	100.0	0.0	0.0	3.6	1.2	e
4	Hitachi S40/M40	7	100.0	0.0	0.0	2.9	3.3	e
5	Autolyser/DiaSys	11	100.0	0.0	0.0	3.1	6.8	e

Lithium



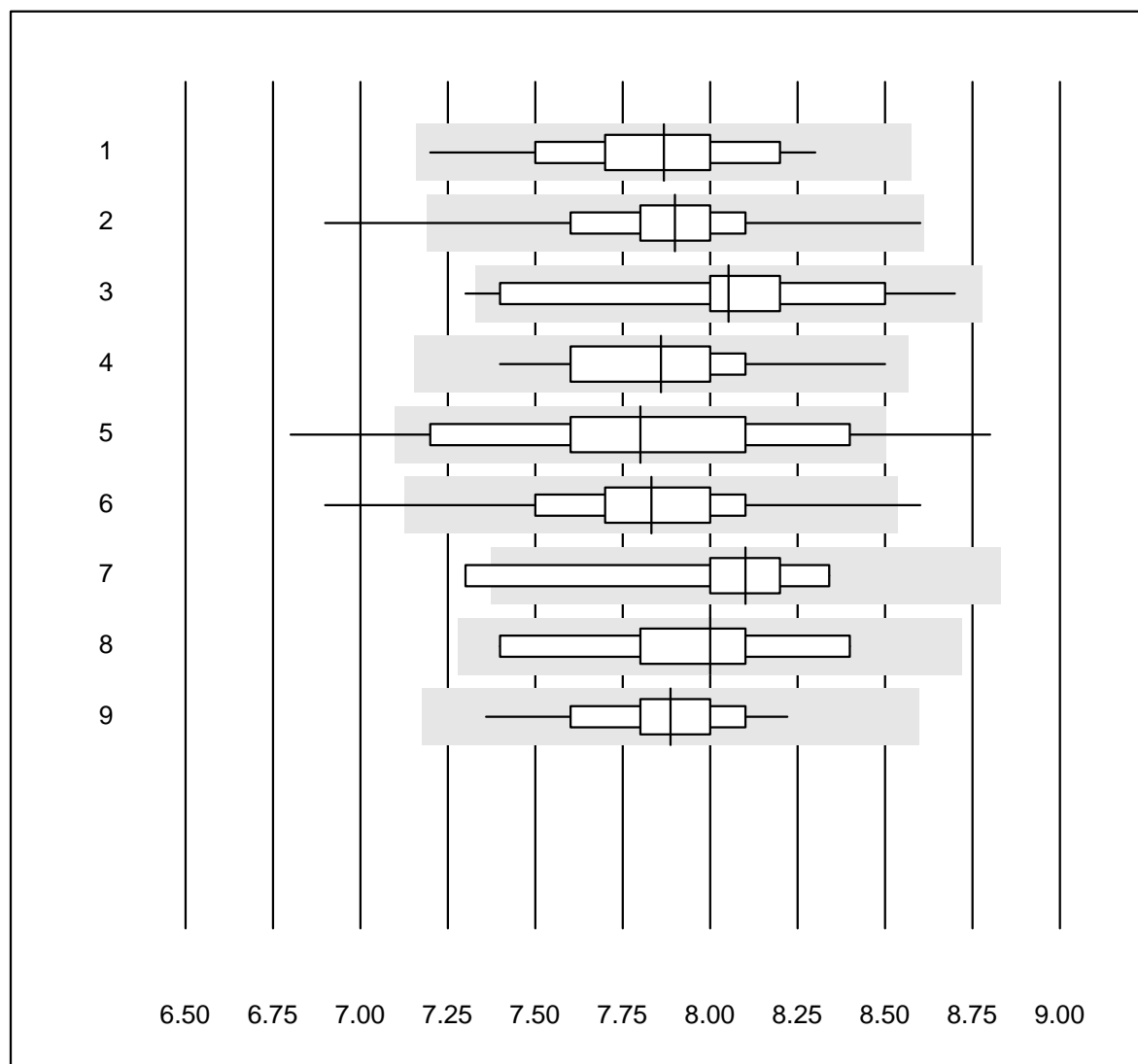
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	14	100.0	0.0	0.0	1.58	4.5	e

Lactate



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	7	85.7	14.3	0.0	4.45	9.0	e*

HbA1c sample A

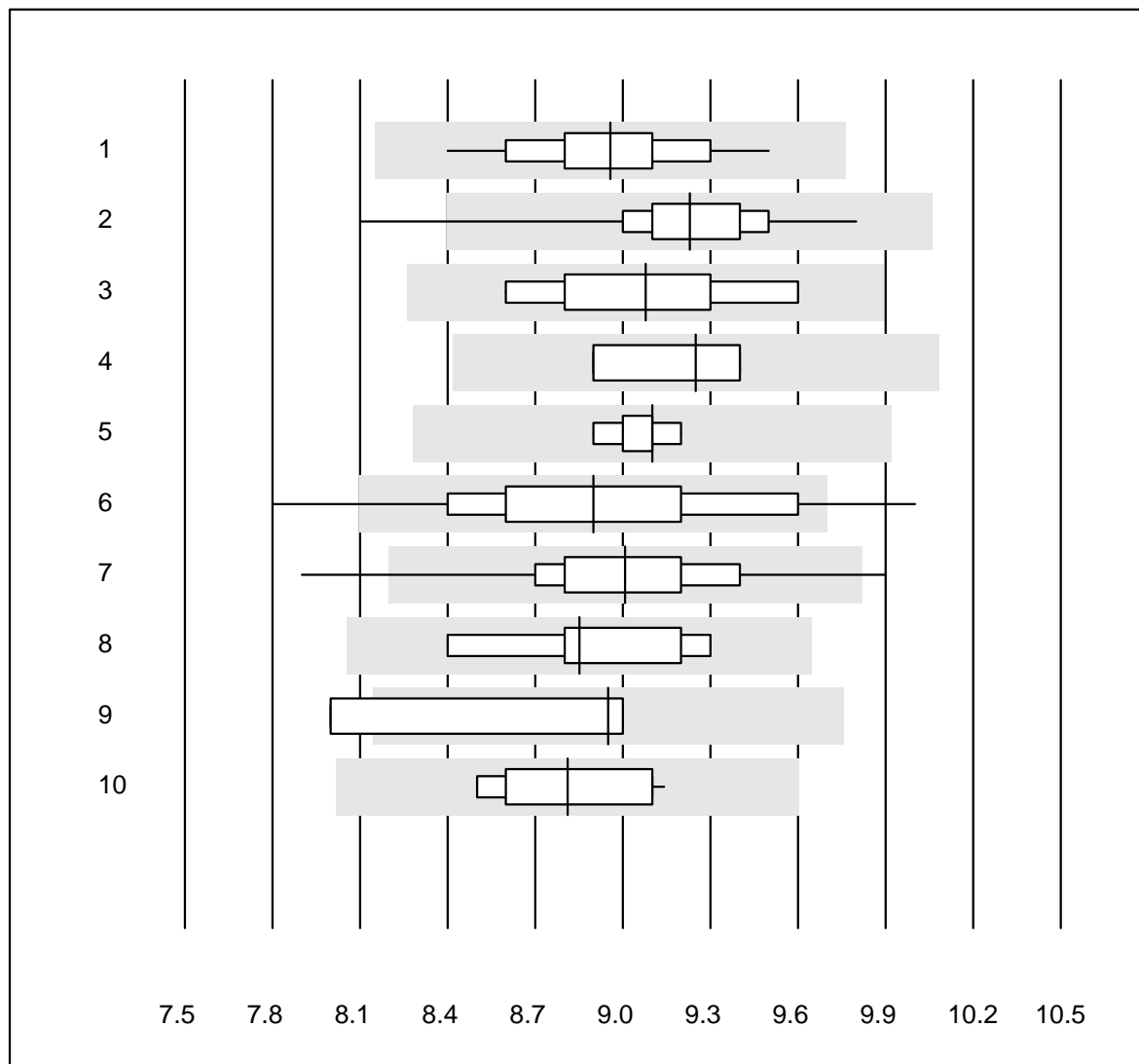


QUALAB tolerance : 9 %

HbA1c sample A (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	30	100.0	0.0	0.0	7.9	3.4	e
2	Afinion	653	99.4	0.6	0.0	7.9	2.5	e
3	Eurolyser	15	93.3	6.7	0.0	8.1	4.3	e*
4	Hemocue HbA1c 501	12	91.7	0.0	8.3	7.9	3.8	e*
5	NycoCard	93	80.7	11.8	7.5	7.8	5.8	e
6	DCA2000/Vantage	205	98.5	1.0	0.5	7.8	3.2	e
7	Others	9	88.9	11.1	0.0	8.1	4.0	e*
8	HPLC	6	100.0	0.0	0.0	8.0	4.2	e*
9	Roche, Cobas	17	100.0	0.0	0.0	7.9	2.8	e

HbA1c sample B

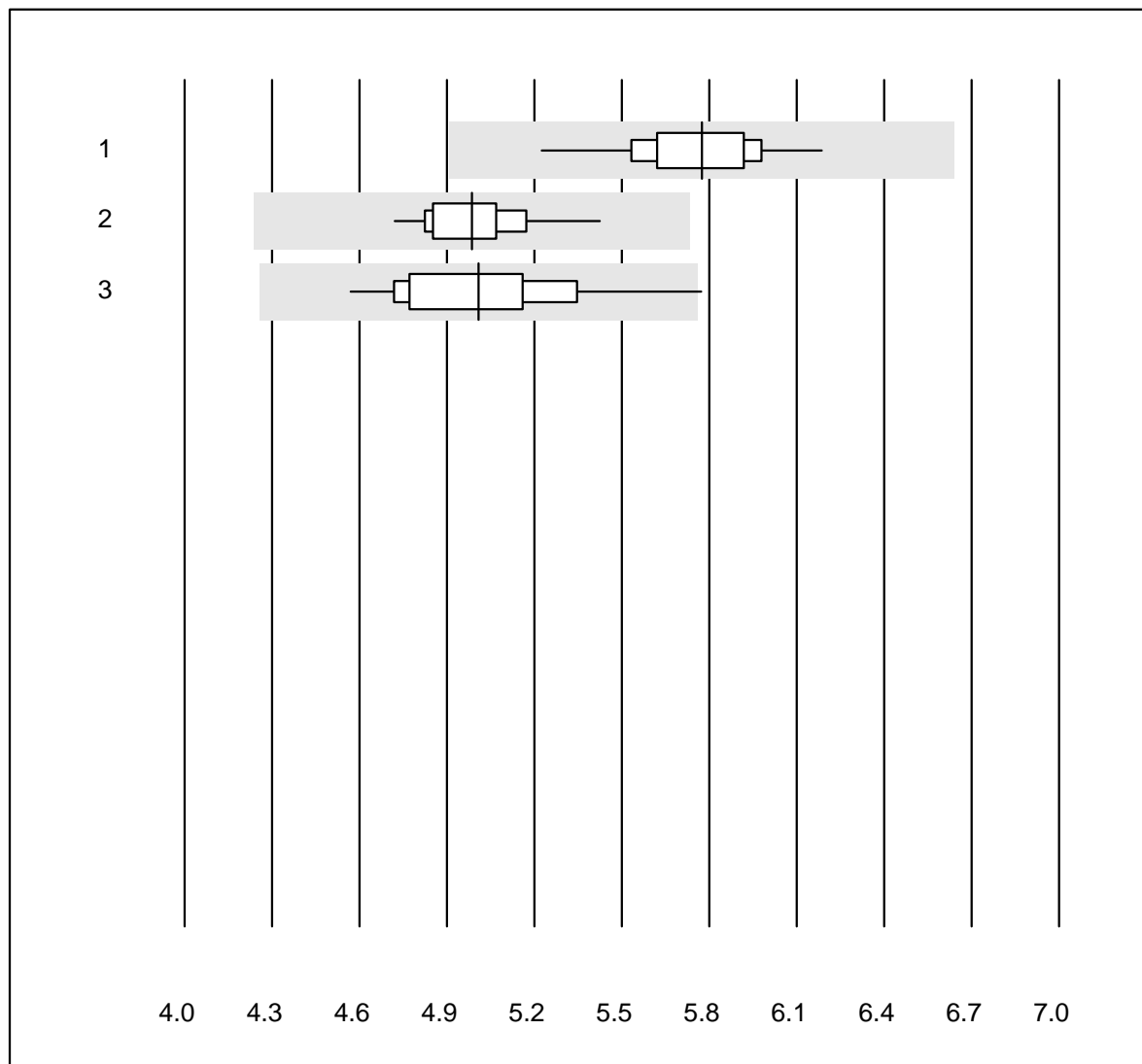


QUALAB tolerance : 9 %

HbA1c sample B (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	34	100.0	0.0	0.0	9.0	3.0	e
2	Afinion	574	99.4	0.3	0.3	9.2	2.3	e
3	Eurolyser	11	81.8	0.0	18.2	9.1	4.2	e*
4	A1c Now	4	75.0	0.0	25.0	9.3	2.8	e*
5	Hemocue HbA1c 501	6	83.3	0.0	16.7	9.1	1.3	e
6	NycoCard	70	84.3	7.1	8.6	8.9	5.3	e
7	DCA2000/Vantage	222	96.4	1.8	1.8	9.0	3.3	e
8	Others	6	100.0	0.0	0.0	8.9	3.6	e*
9	HPLC	4	75.0	25.0	0.0	9.0	5.6	e*
10	Roche, Cobas	14	100.0	0.0	0.0	8.8	2.7	e

pCO2

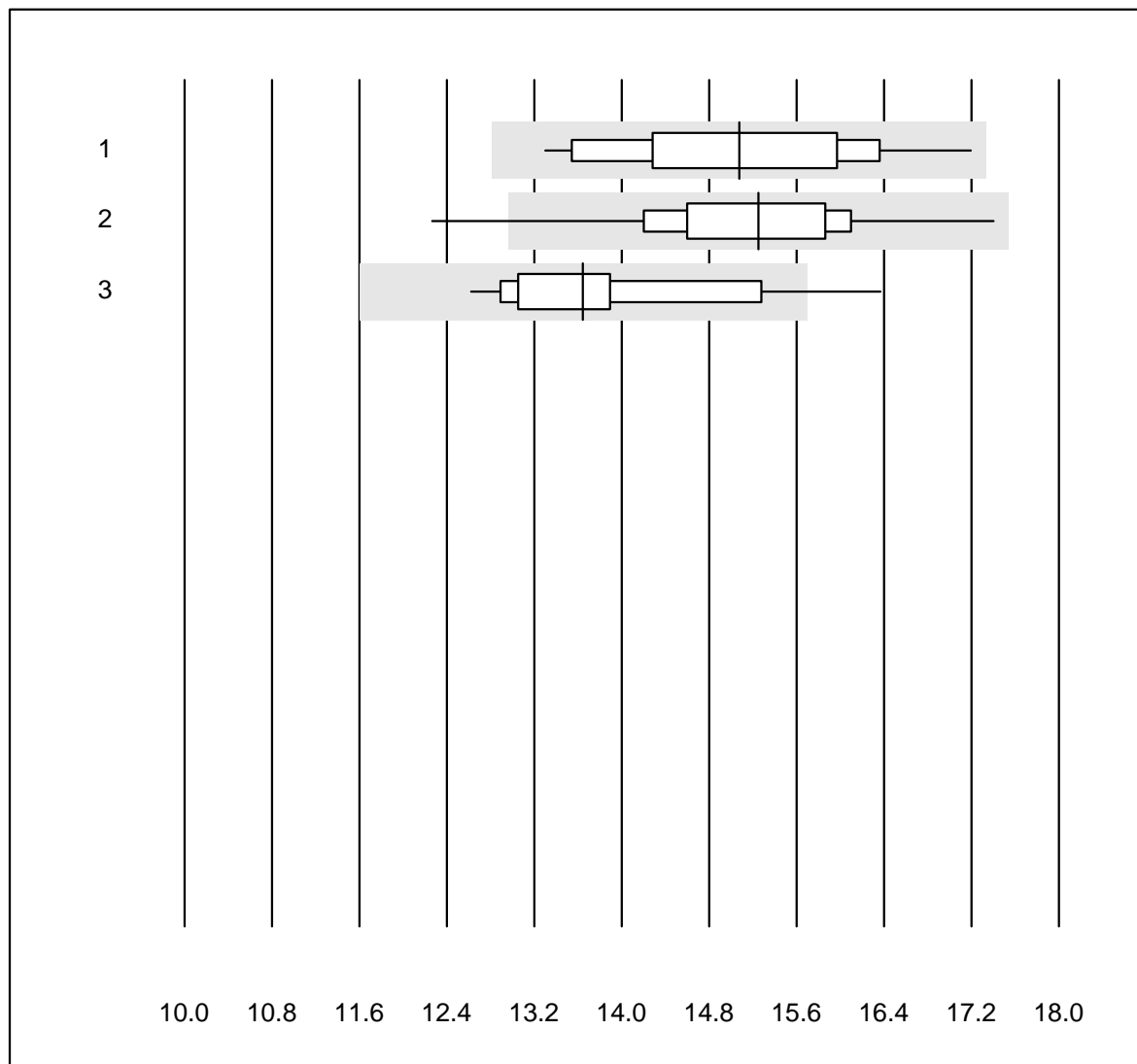


QUALAB tolerance : 15 %

pCO2 (kPa)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	18	100.0	0.0	0.0	5.77	3.8	e
2	iStat	37	97.3	0.0	2.7	4.98	3.0	e
3	EPOC	28	96.4	3.6	0.0	5.01	5.4	e

pO2



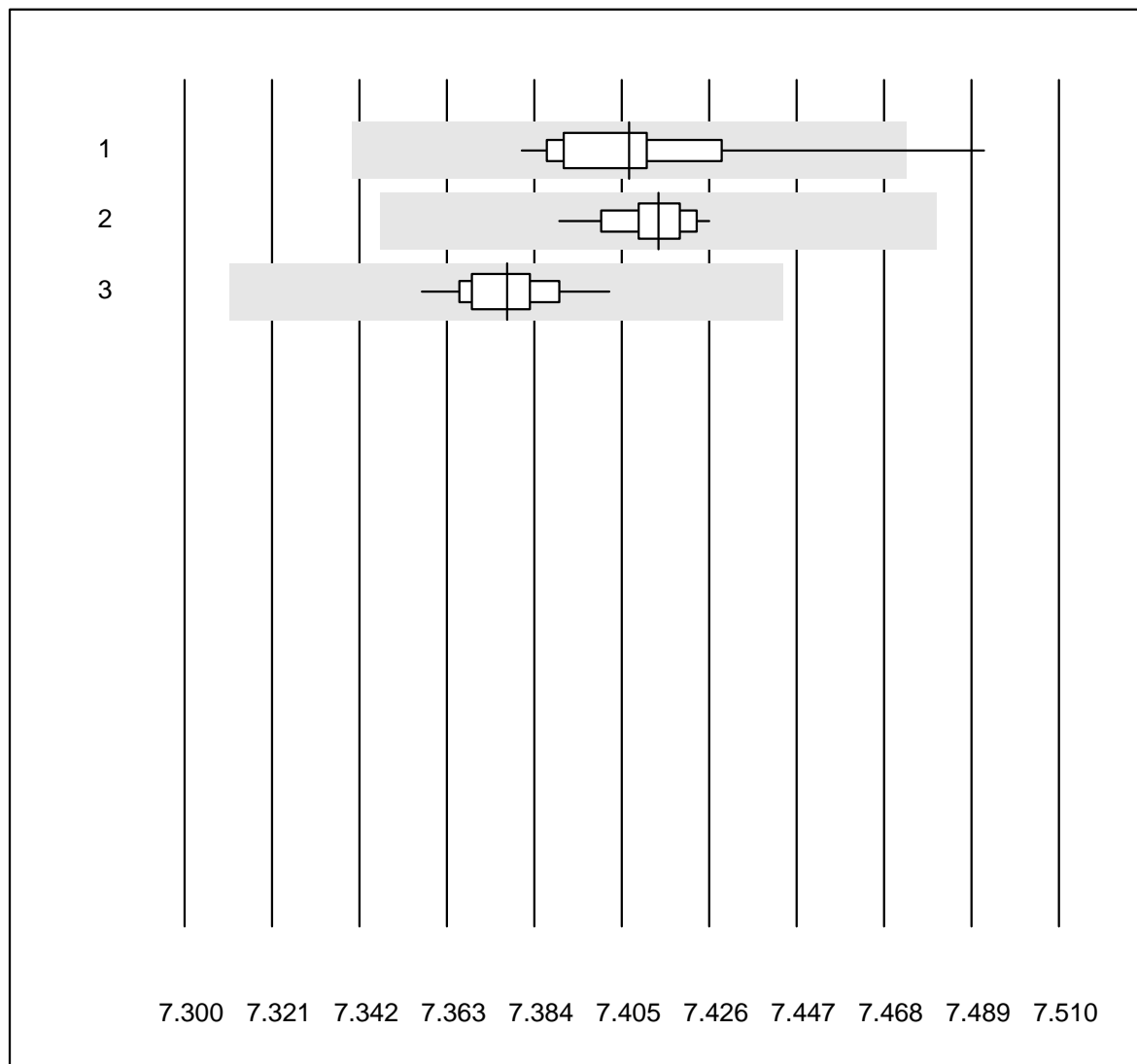
QUALAB tolerance : 15 %

pO2 (kPa)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	15	93.3	0.0	6.7	15.07	7.5	e*
2	iStat	38	94.8	2.6	2.6	15.25	6.3	e
3	EPOC	28	96.4	3.6	0.0	13.64	6.7	e

K4 Blood gases

pH

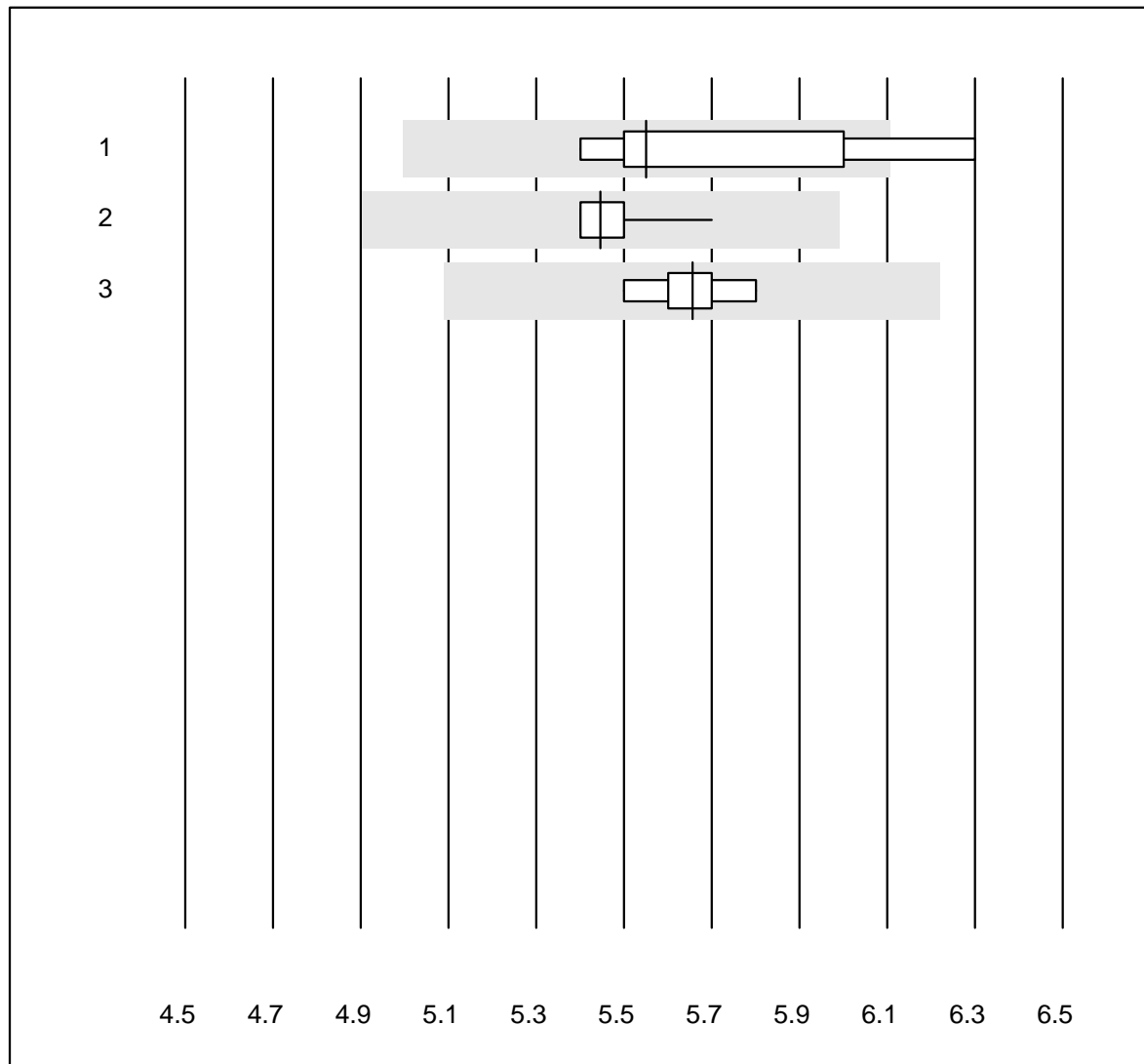


QUALAB tolerance : 1 %

pH ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	17	94.1	5.9	0.0	7.41	0.3	e
2	iStat	37	100.0	0.0	0.0	7.41	0.1	e
3	EPOC	28	100.0	0.0	0.0	7.38	0.1	e

Glucose BG

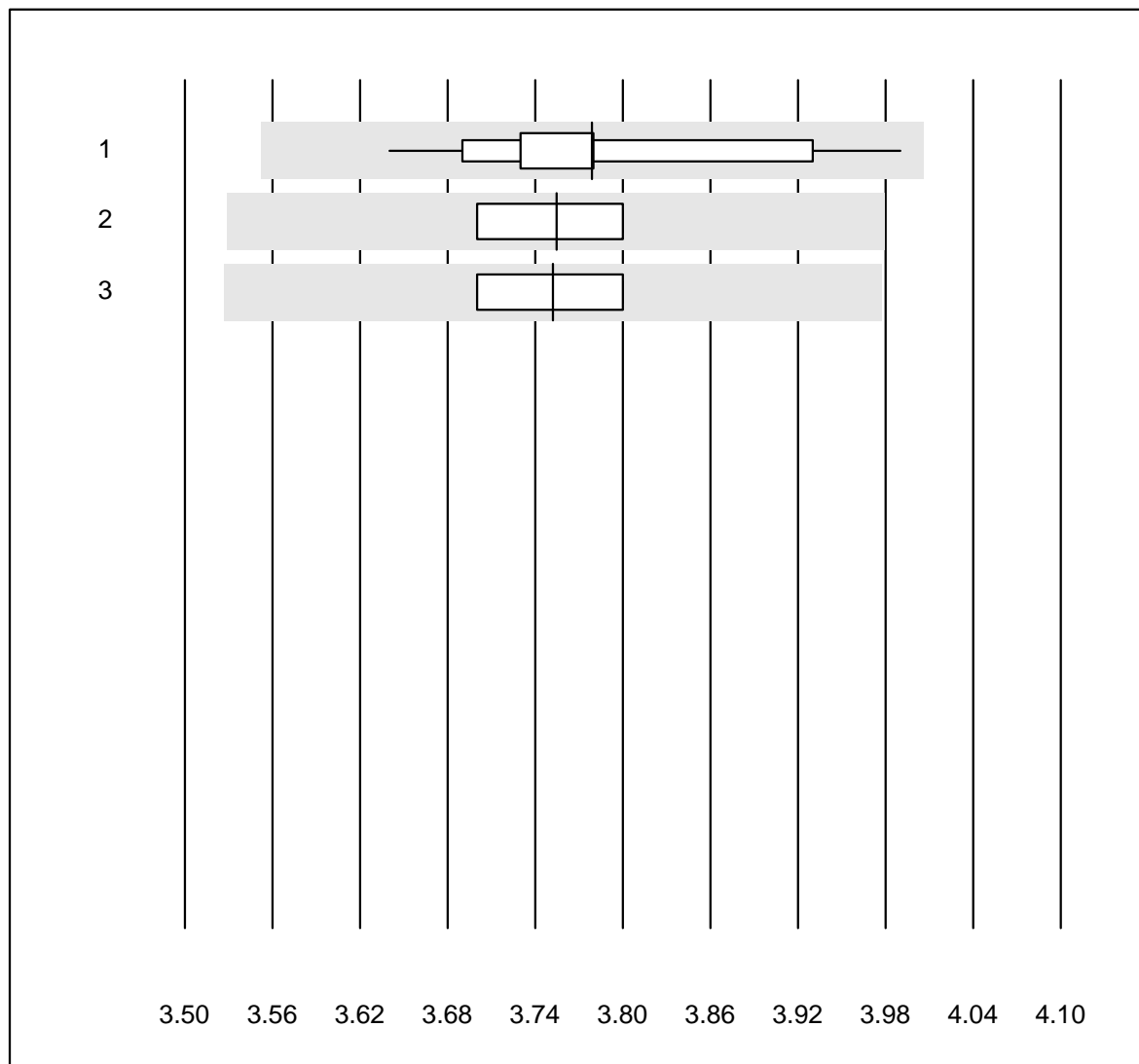


QUALAB tolerance : 10 %

Glucose BG (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	8	87.5	12.5	0.0	5.6	6.0	e*
2	iStat	15	100.0	0.0	0.0	5.4	1.5	e
3	EPOC	20	100.0	0.0	0.0	5.7	1.6	e

Potassium BG

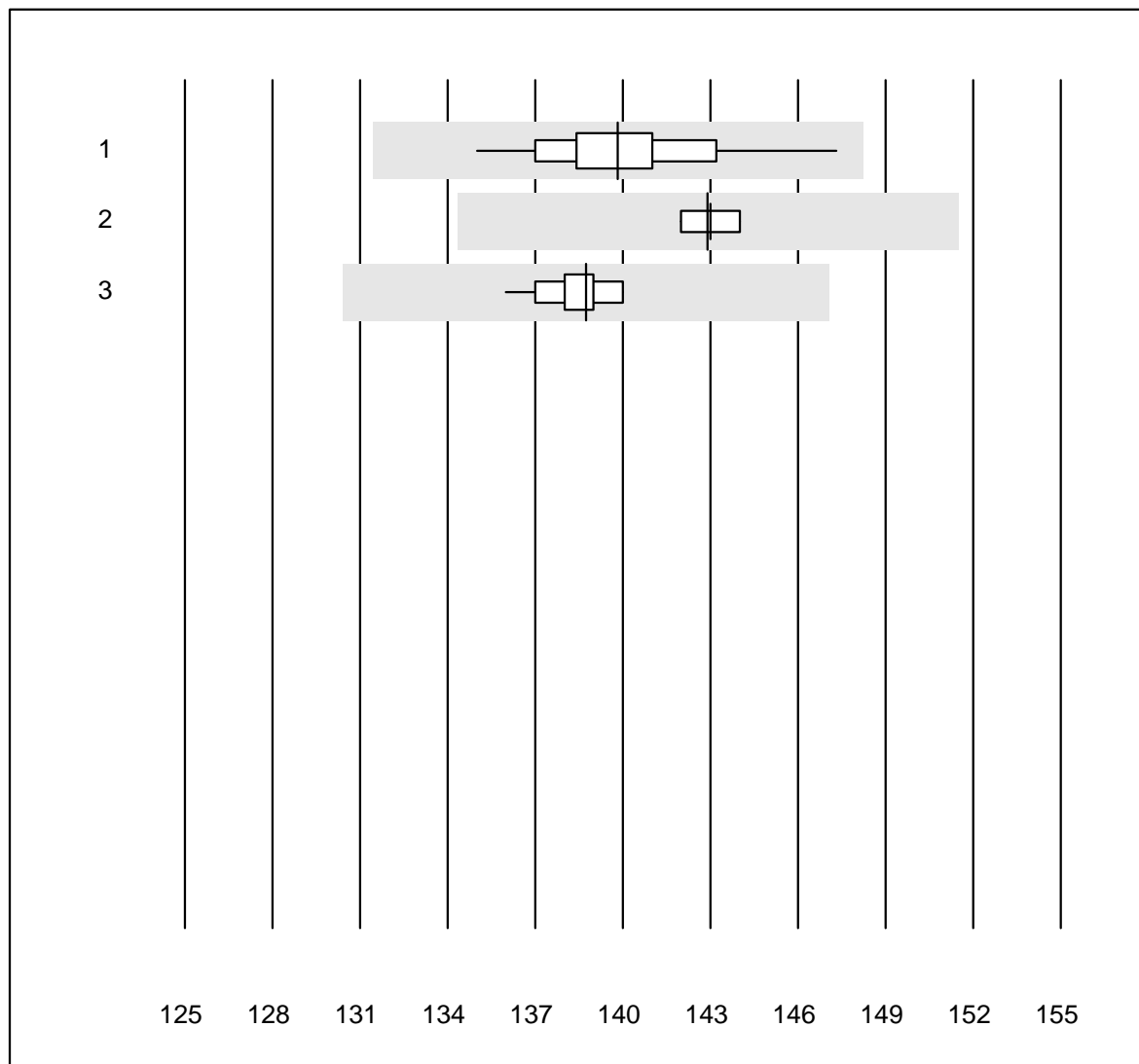


QUALAB tolerance : 6 %

Potassium BG (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	17	100.0	0.0	0.0	3.8	2.4	e
2	iStat	22	100.0	0.0	0.0	3.8	1.4	e
3	EPOC	23	100.0	0.0	0.0	3.8	1.4	e

Sodium BG

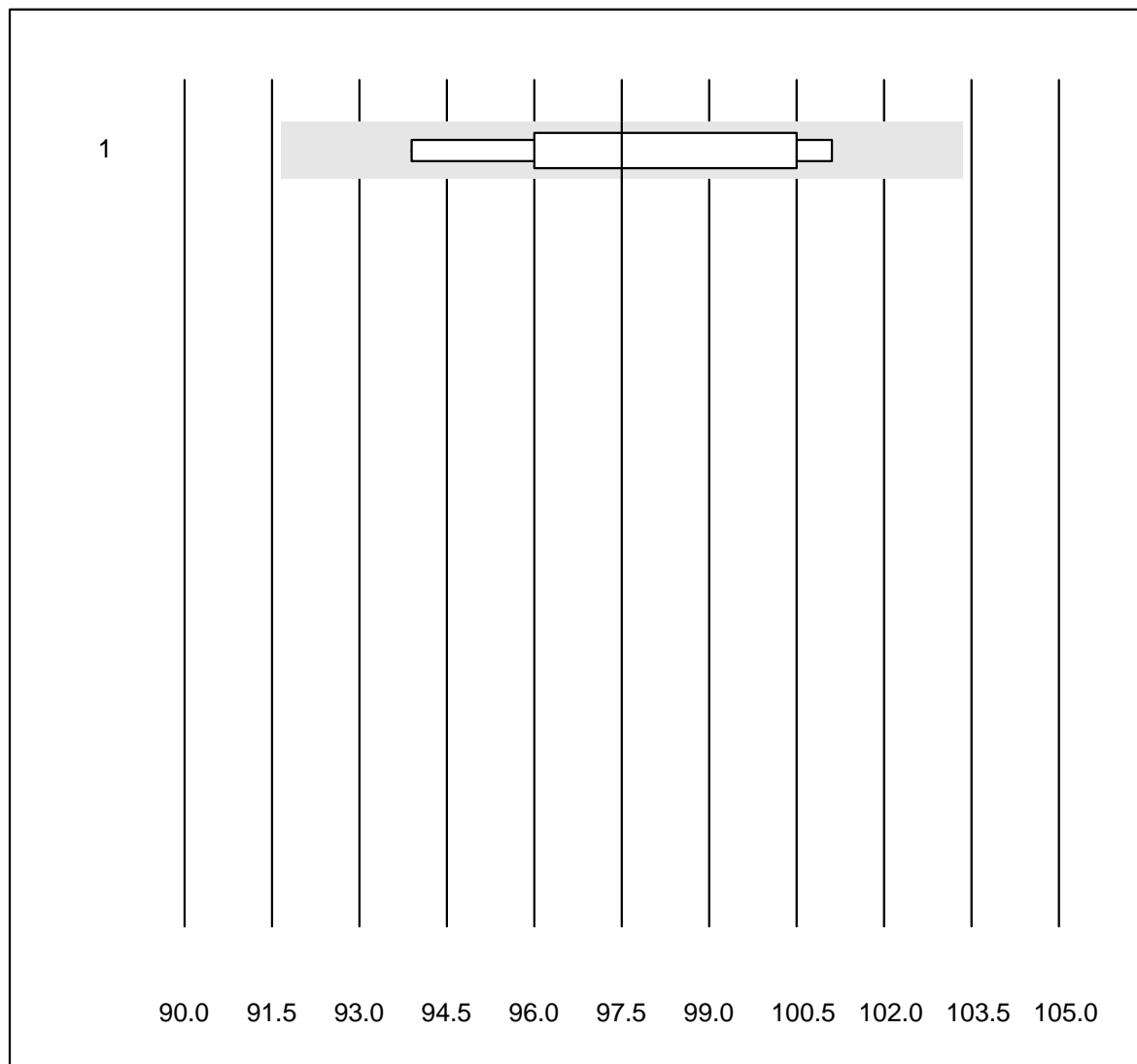


QUALAB tolerance : 6 %

Sodium BG (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	18	100.0	0.0	0.0	139.8	1.9	e
2	iStat	22	100.0	0.0	0.0	142.9	0.4	e
3	EPOC	23	100.0	0.0	0.0	138.7	0.7	e

Chlorid-BG

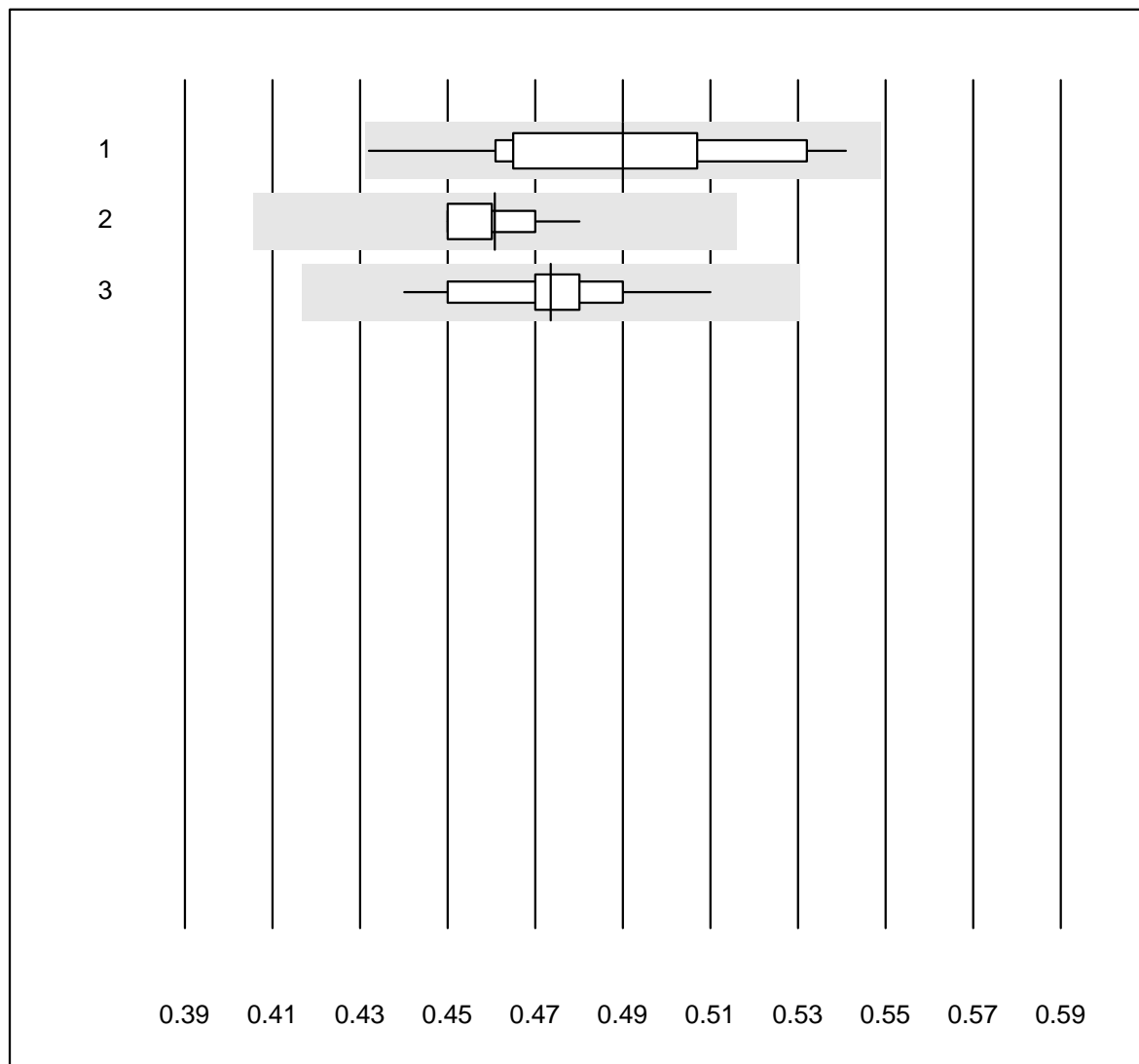


QUALAB tolerance : 6 %

Chlorid-BG (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	6	100.0	0.0	0.0	97.5	2.9	e*

Calcium-BG

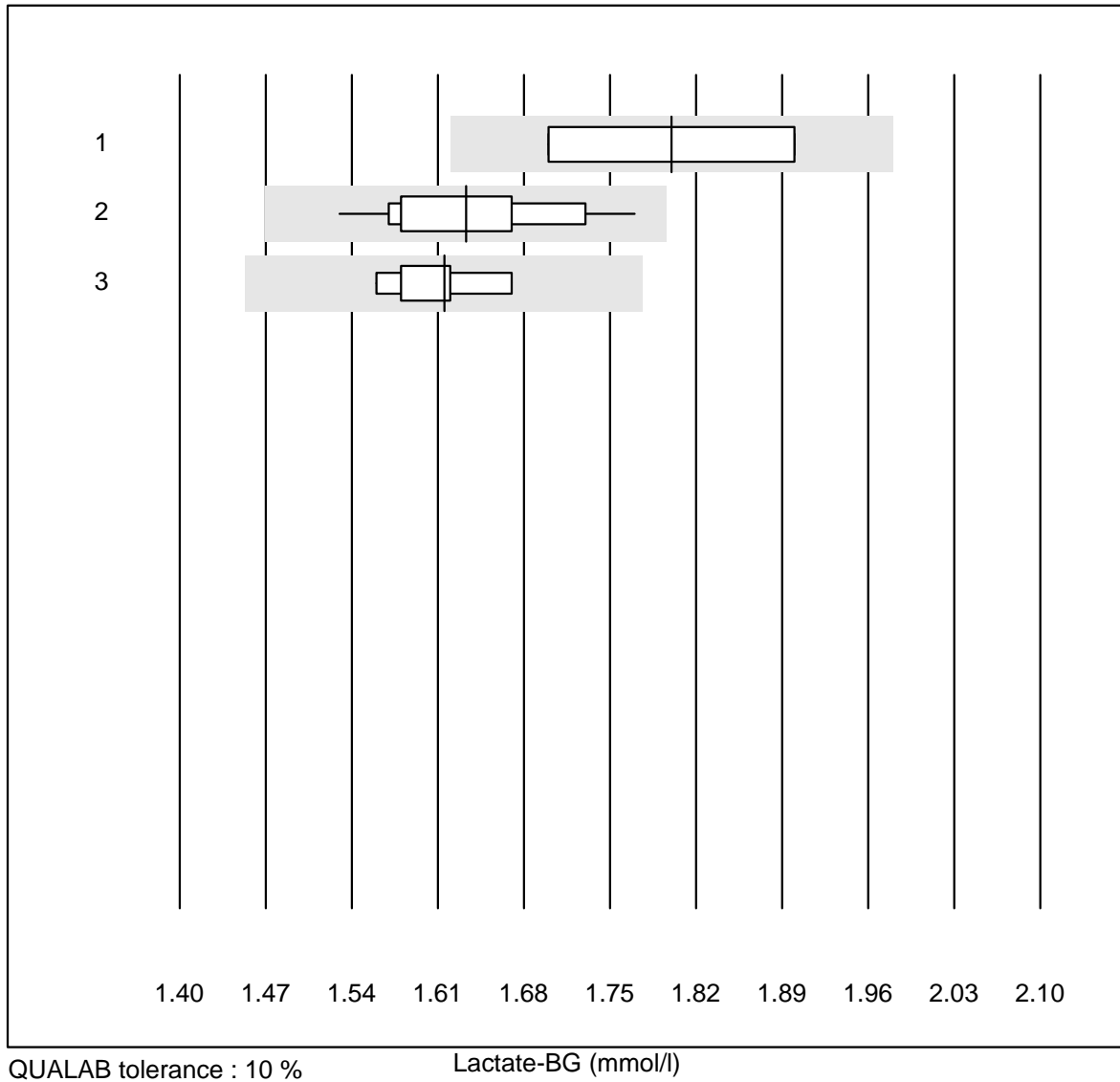


QUALAB tolerance : 12 %

Calcium-BG (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	13	92.3	0.0	7.7	0.49	6.2	e*
2	iStat	12	100.0	0.0	0.0	0.46	2.0	e
3	EPOC	22	100.0	0.0	0.0	0.47	3.5	e

Lactate-BG

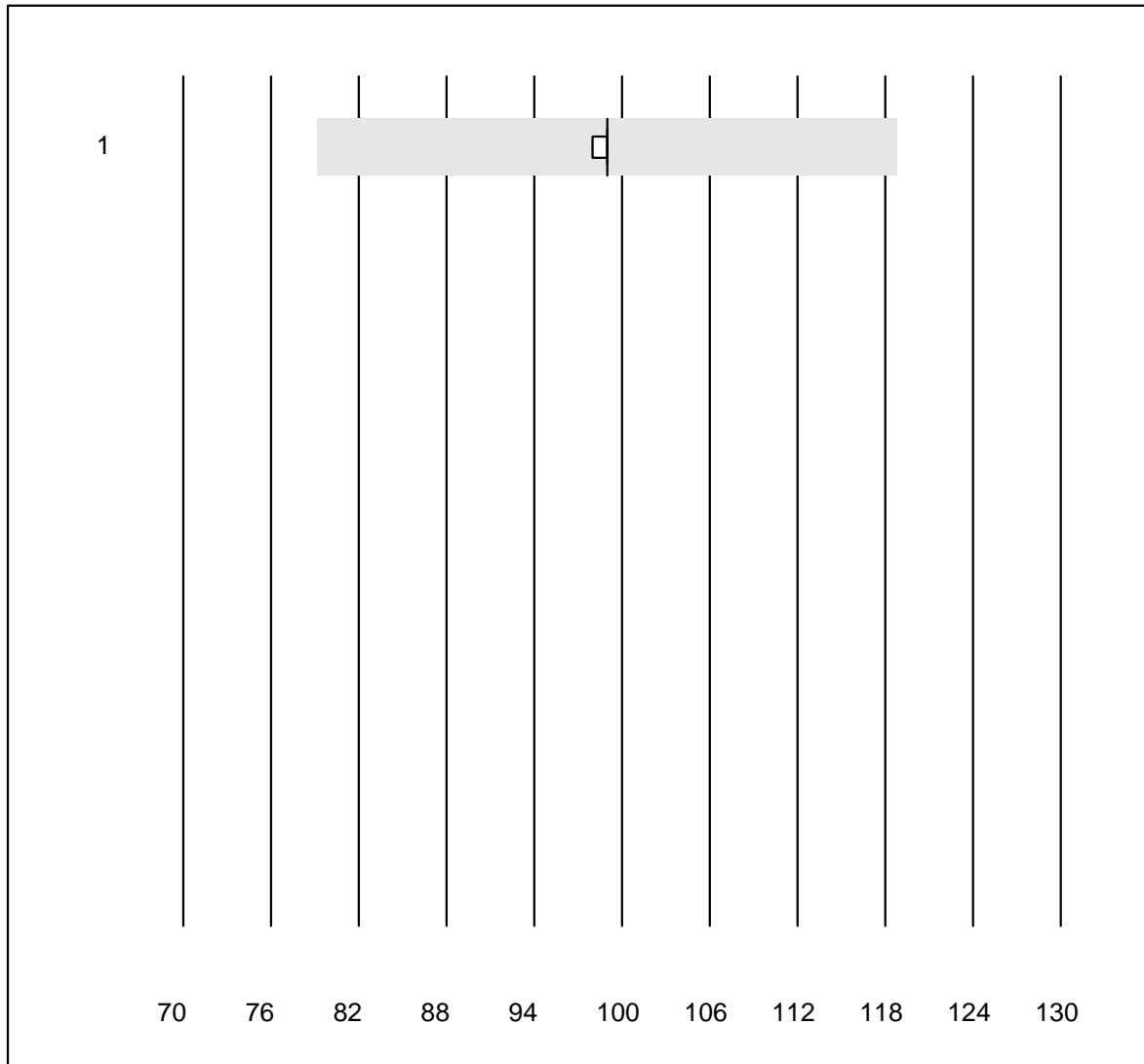


QUALAB tolerance : 10 %

Lactate-BG (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	6	100.0	0.0	0.0	1.80	6.1	e*
2	EPOC	24	100.0	0.0	0.0	1.63	3.9	e
3	iStat	8	87.5	0.0	12.5	1.62	2.2	e

sO2

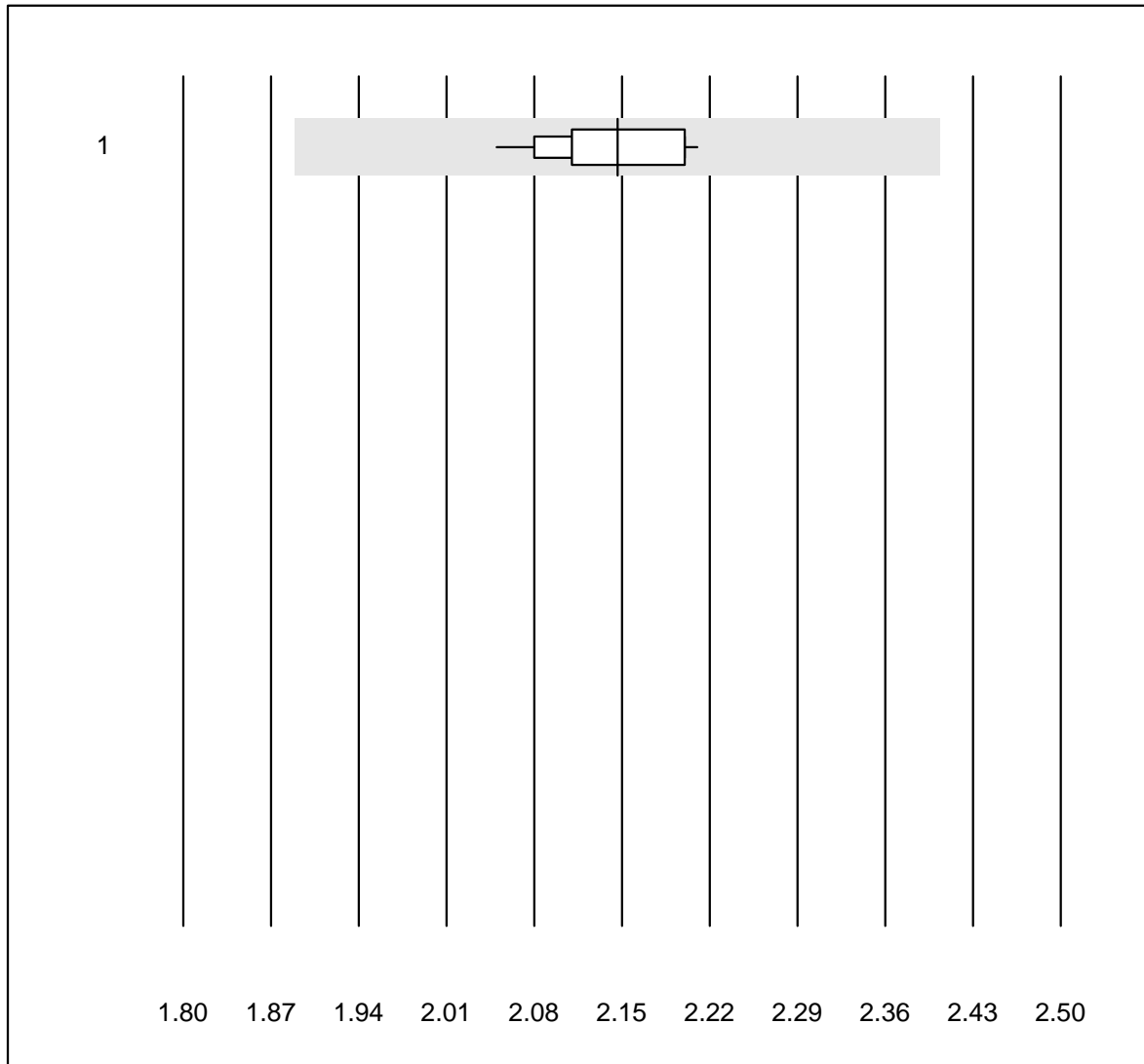


QUALAB tolerance : 20 %

sO2 (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	iStat	6	100.0	0.0	0.0	99.000	0.4	e

Calcium - Urine

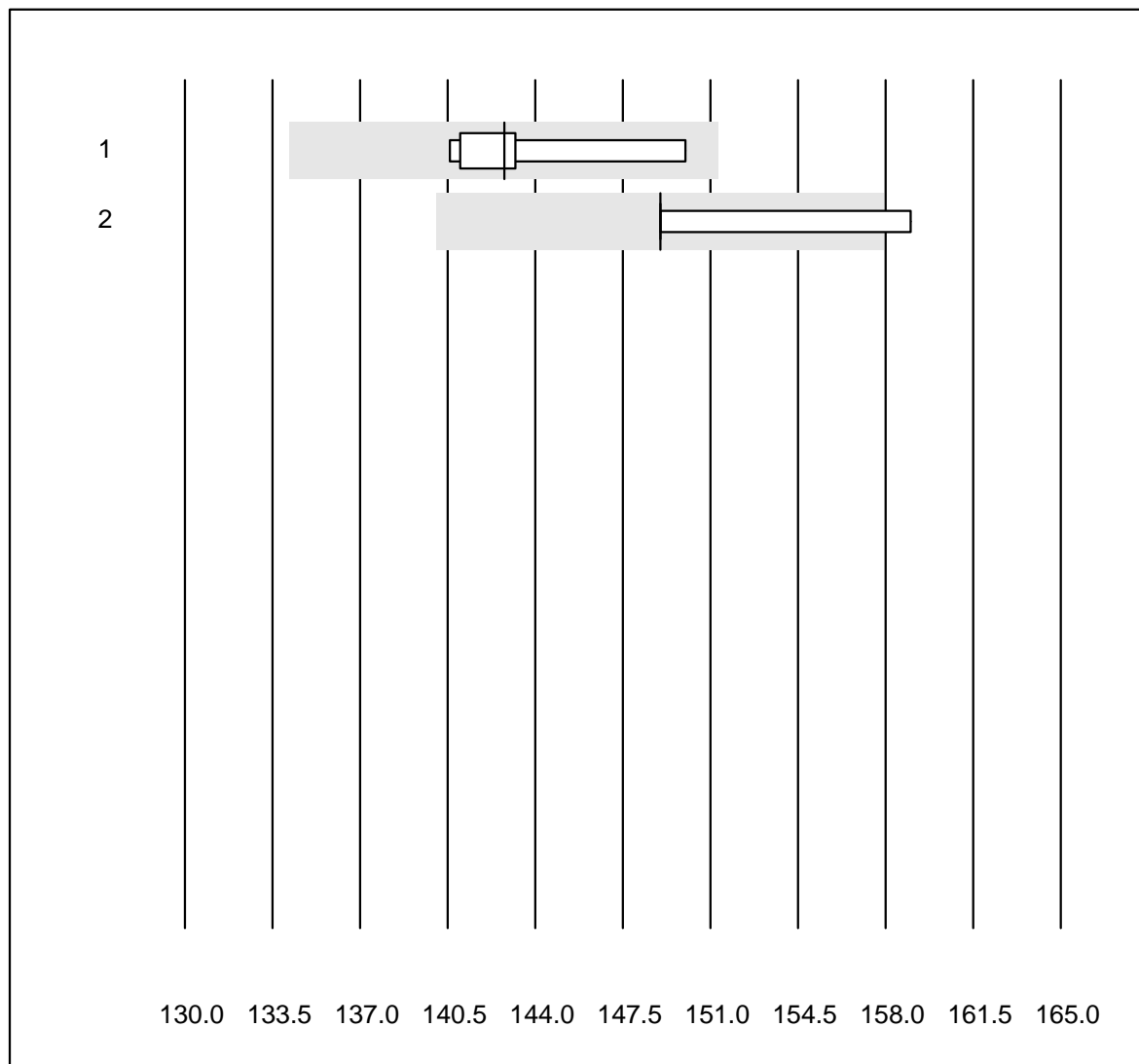


QUALAB tolerance : 12 %

Calcium - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Standard chemistry	13	100.0	0.0	0.0	2.15	2.6	e

Chloride - Urine

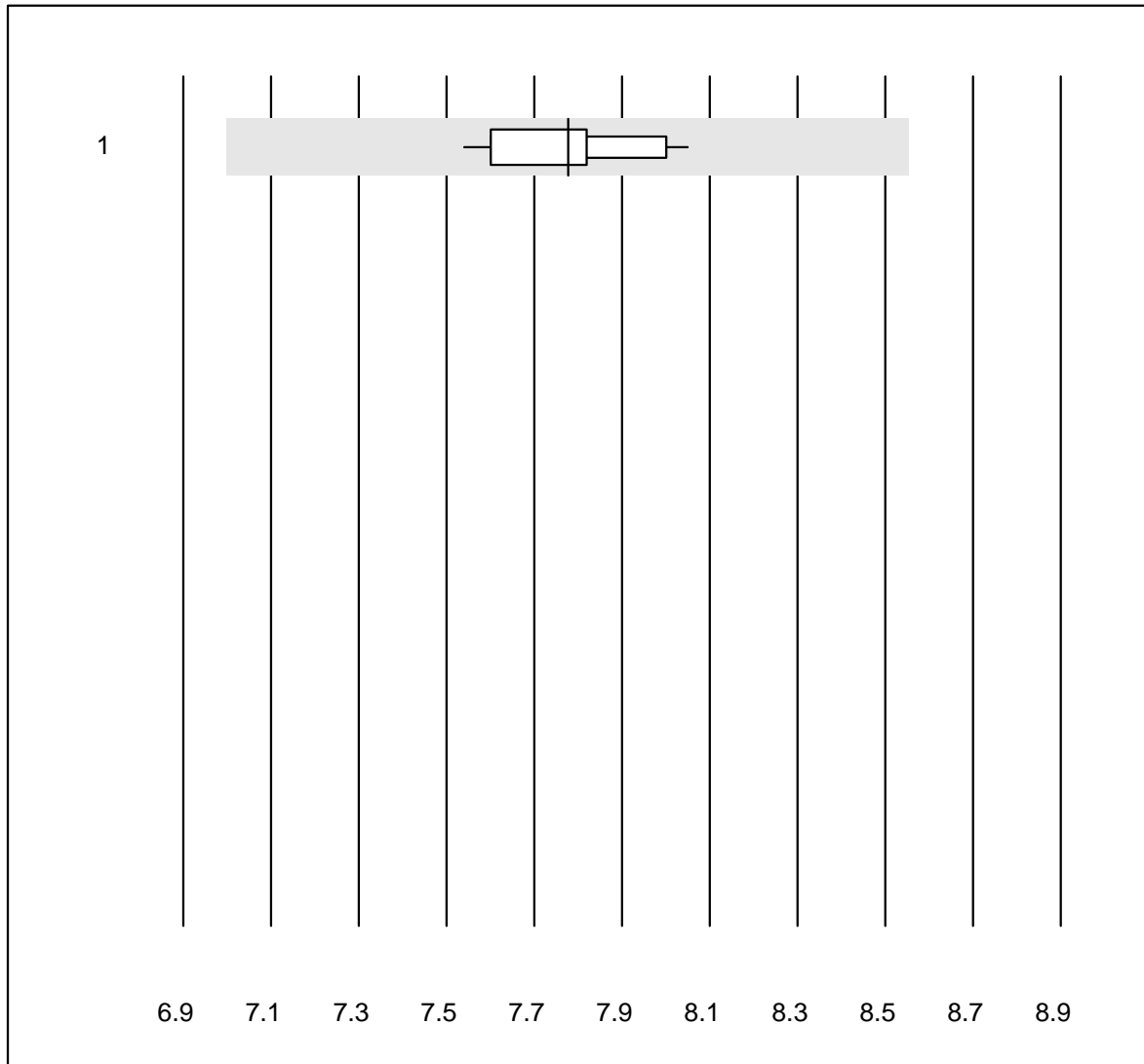


QUALAB tolerance : 6 %

Chloride - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	6	100.0	0.0	0.0	143	2.4	e*
2	ISE	4	75.0	25.0	0.0	149	3.3	e*

Glucose - Urine

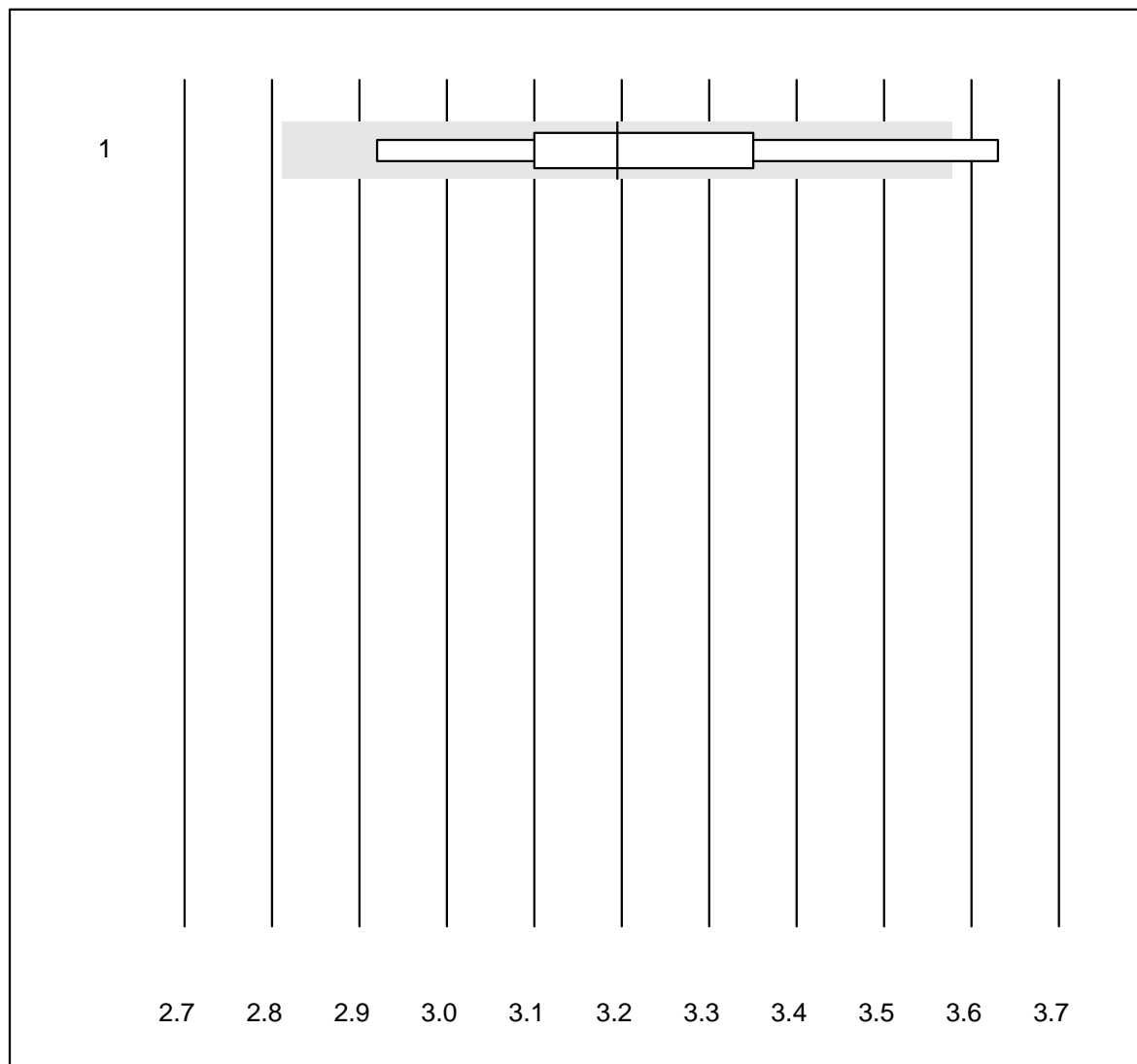


QUALAB tolerance : 10 %

Glucose - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	13	92.3	0.0	7.7	7.8	2.1	e

Magnesium - Urine

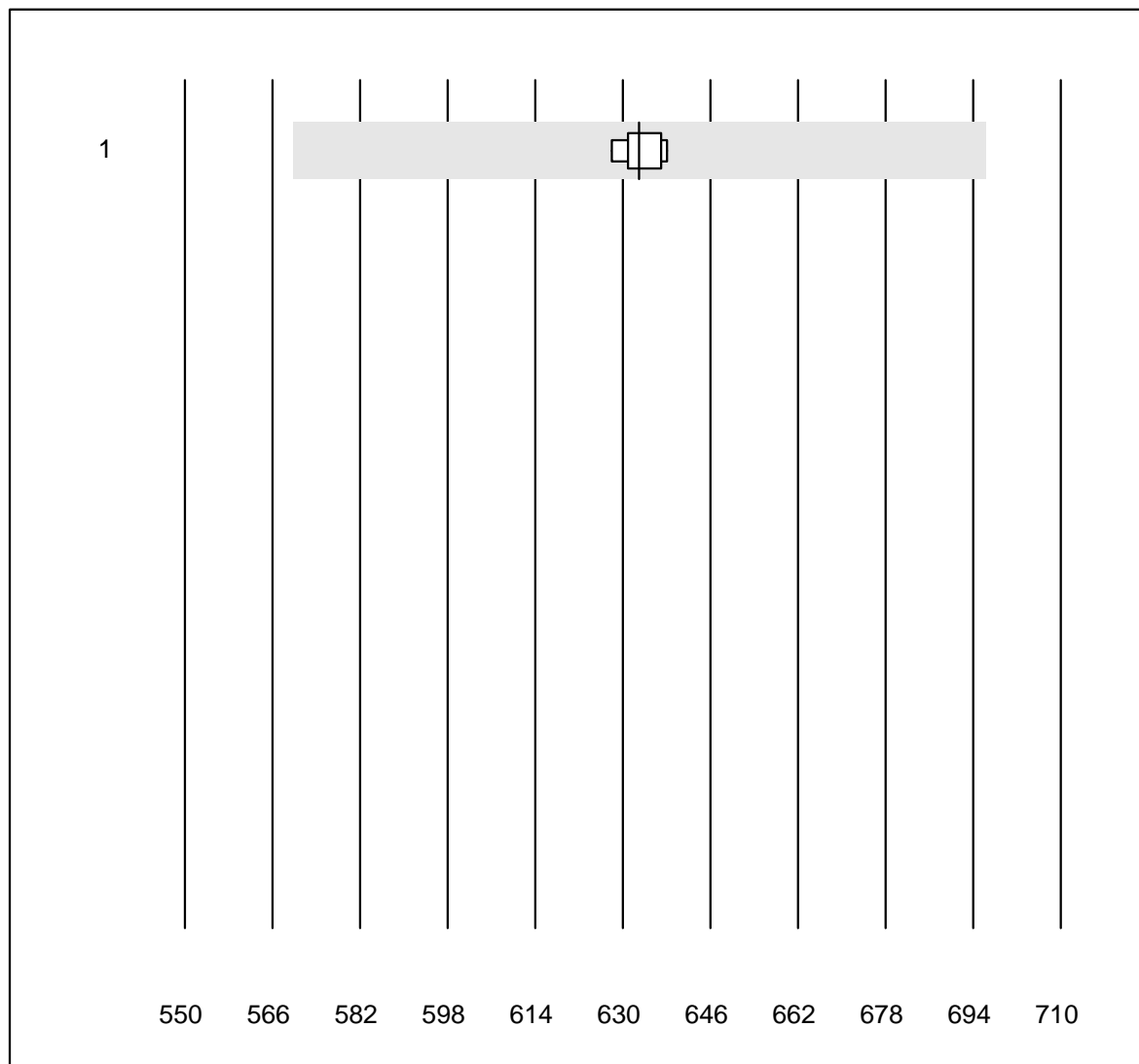


QUALAB tolerance : 12 %

Magnesium - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	8	87.5	12.5	0.0	3.2	6.6	e*

Osmolality - Urine

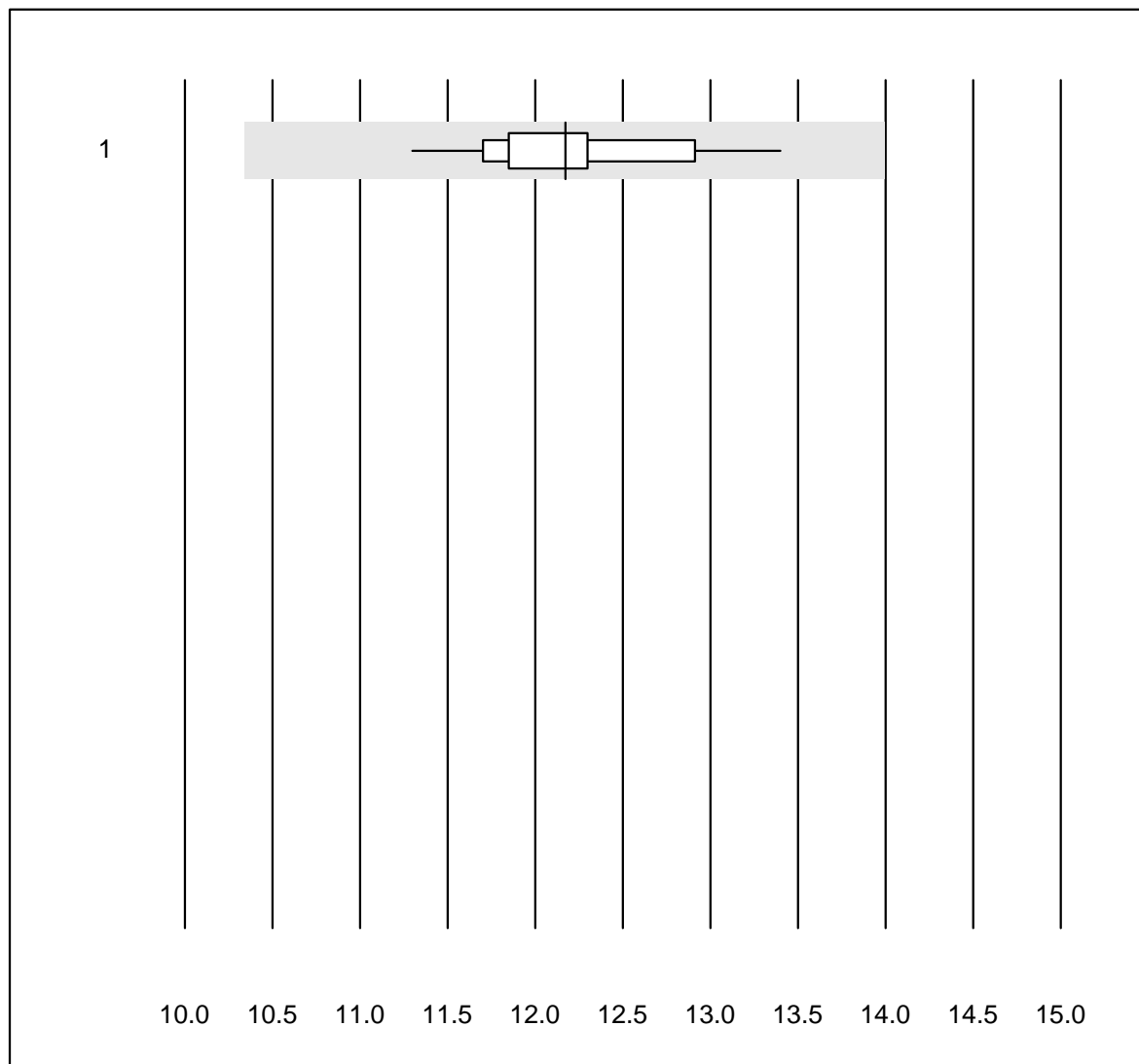


QUALAB tolerance : 10 %

Osmolality - Urine (mosm/kg)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Cryoscopy	7	100.0	0.0	0.0	633	0.6	e

Phosphate - Urine

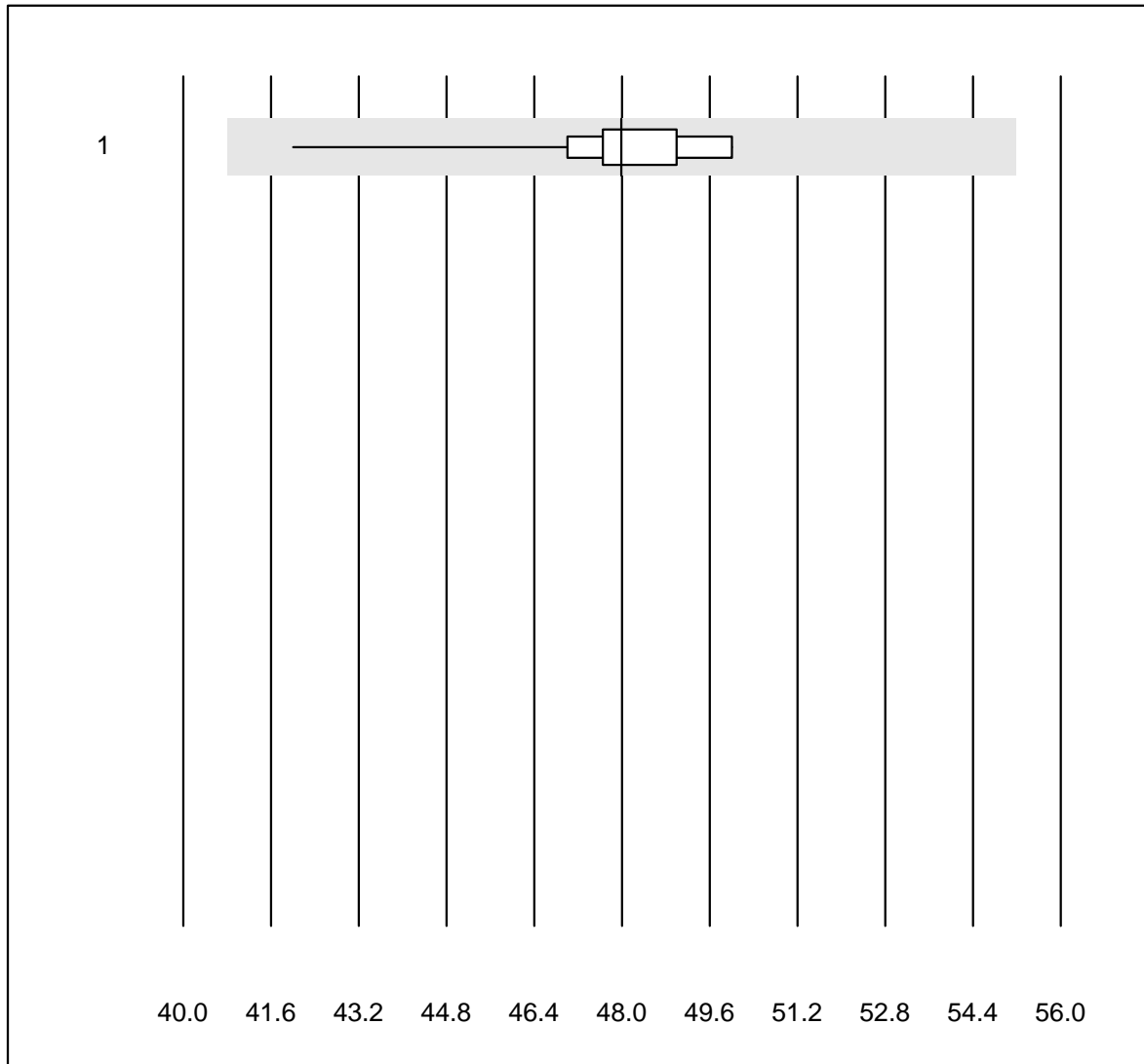


QUALAB tolerance : 15 %

Phosphate - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	13	100.0	0.0	0.0	12.2	4.5	e

Potassium - Urine

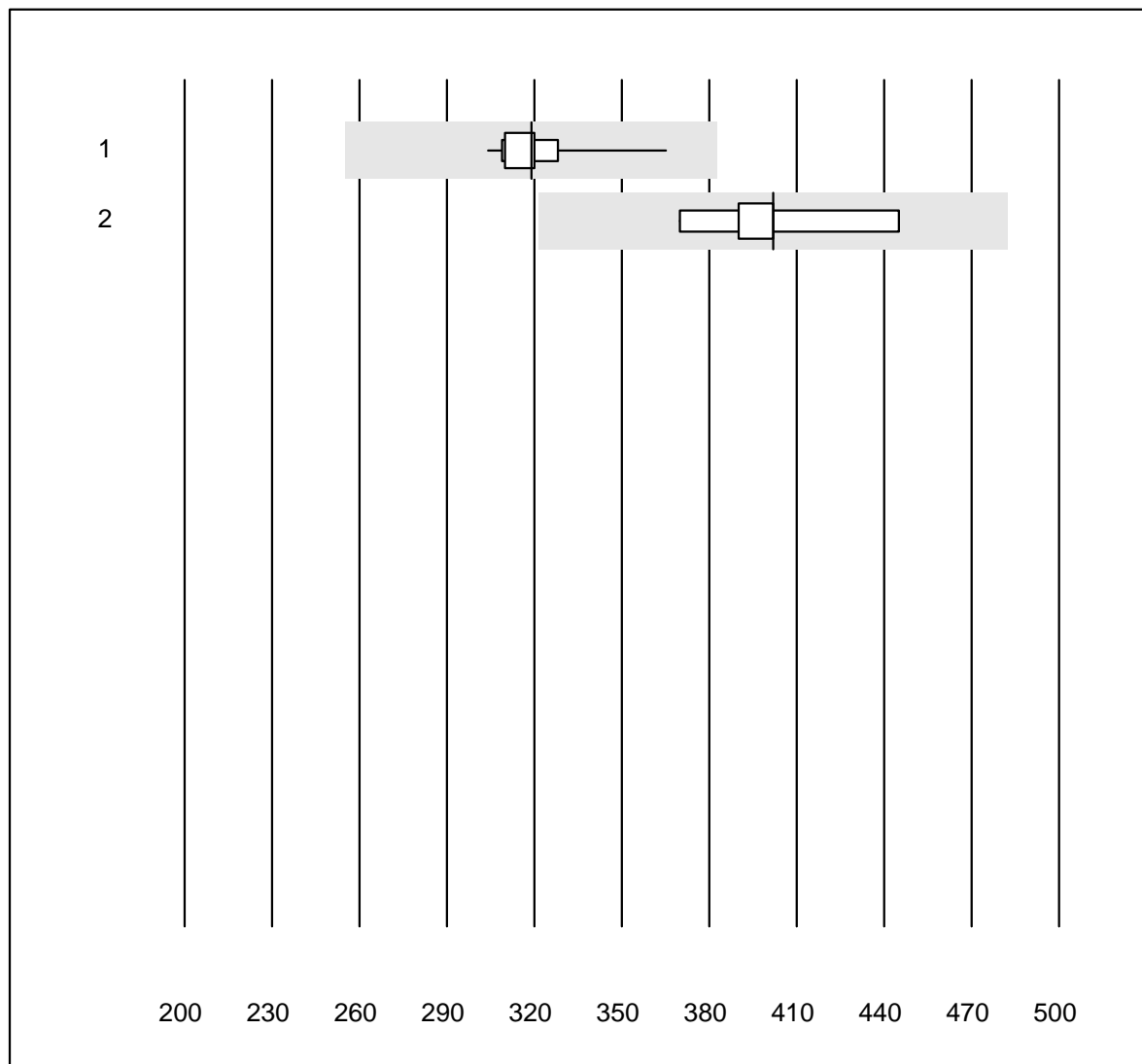


QUALAB tolerance : 15 %

Potassium - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	19	100.0	0.0	0.0	48	3.5	e

total Protein - Urine

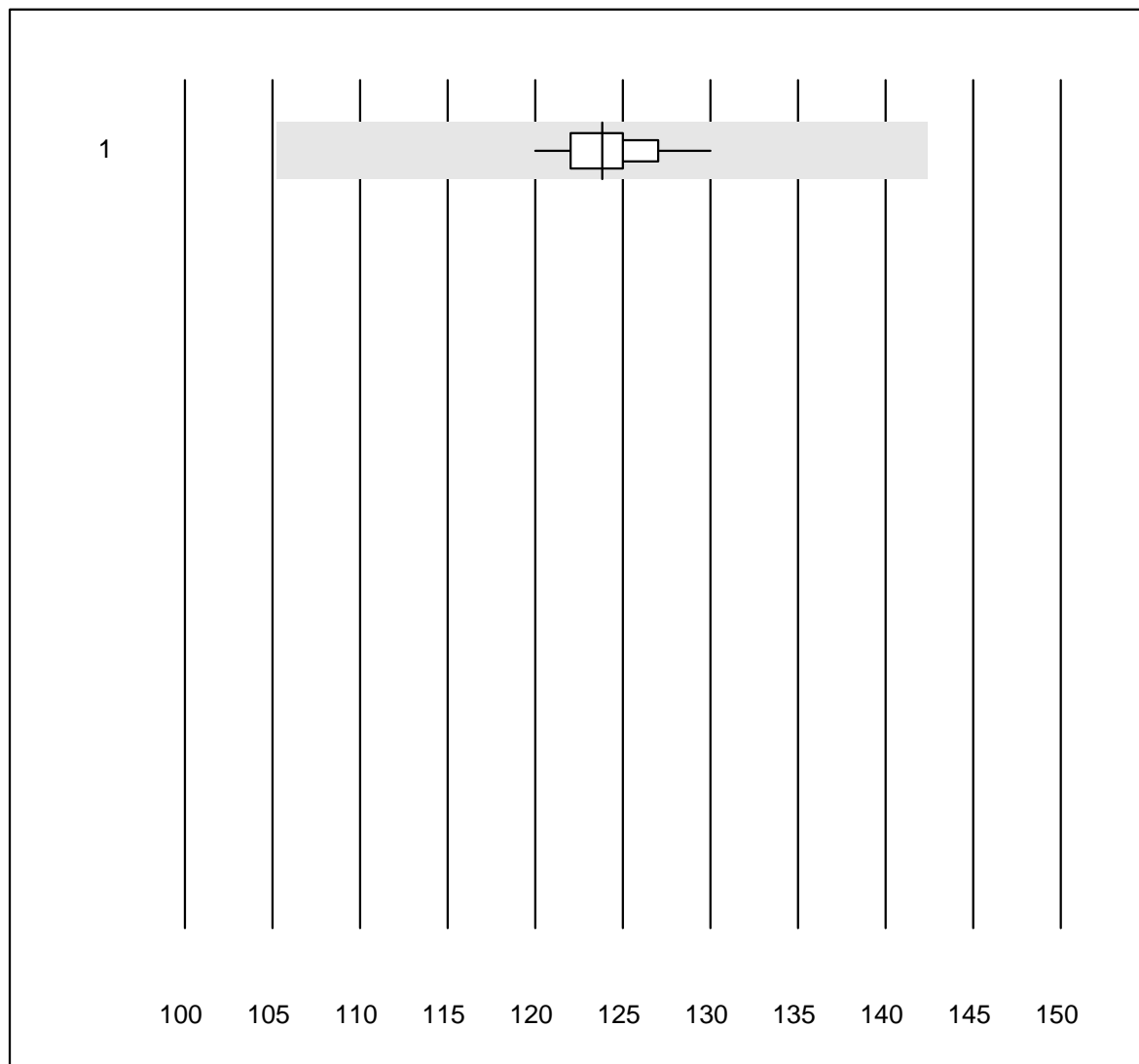


QUALAB tolerance : 20 %

total Protein - Urine (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas/Roche	12	100.0	0.0	0.0	319.0	5.0	e
2	Standard chemistry	5	100.0	0.0	0.0	402.0	6.8	e*

Sodium - Urine

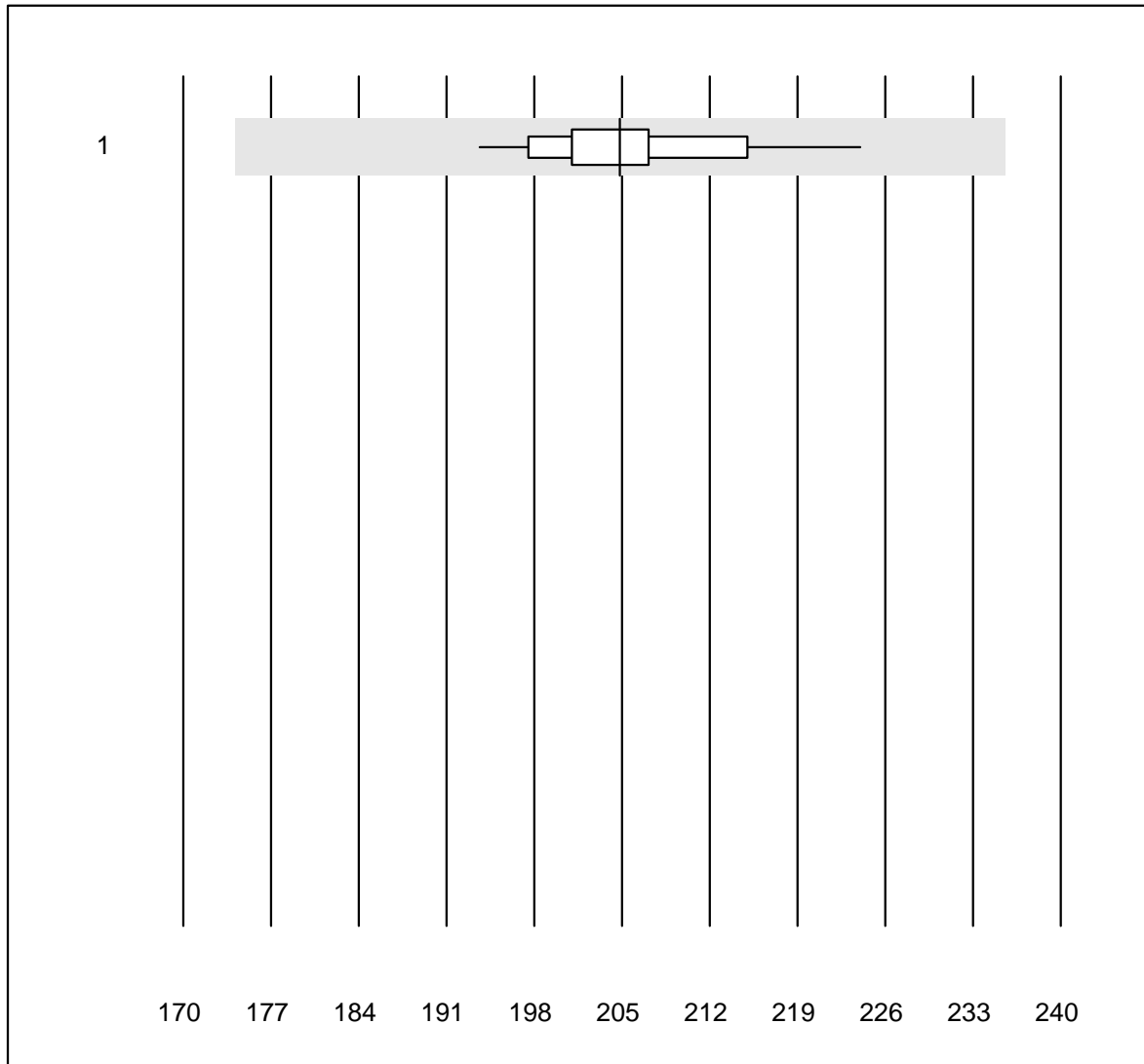


QUALAB tolerance : 15 %

Sodium - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	19	100.0	0.0	0.0	124	1.8	e

Urea - Urine

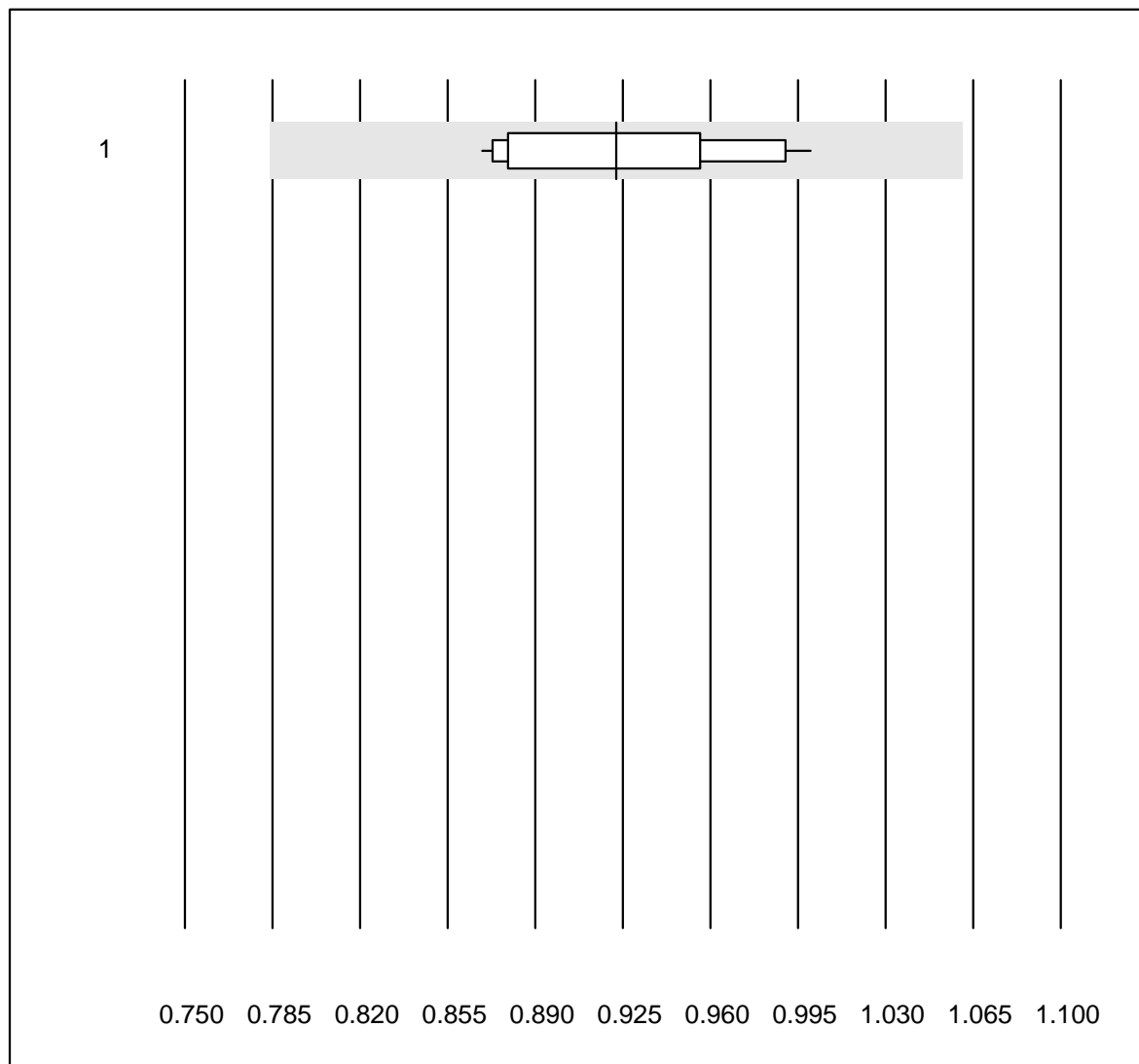


QUALAB tolerance : 15 %

Urea - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	14	100.0	0.0	0.0	205	3.8	e

Uric Acid - Urine

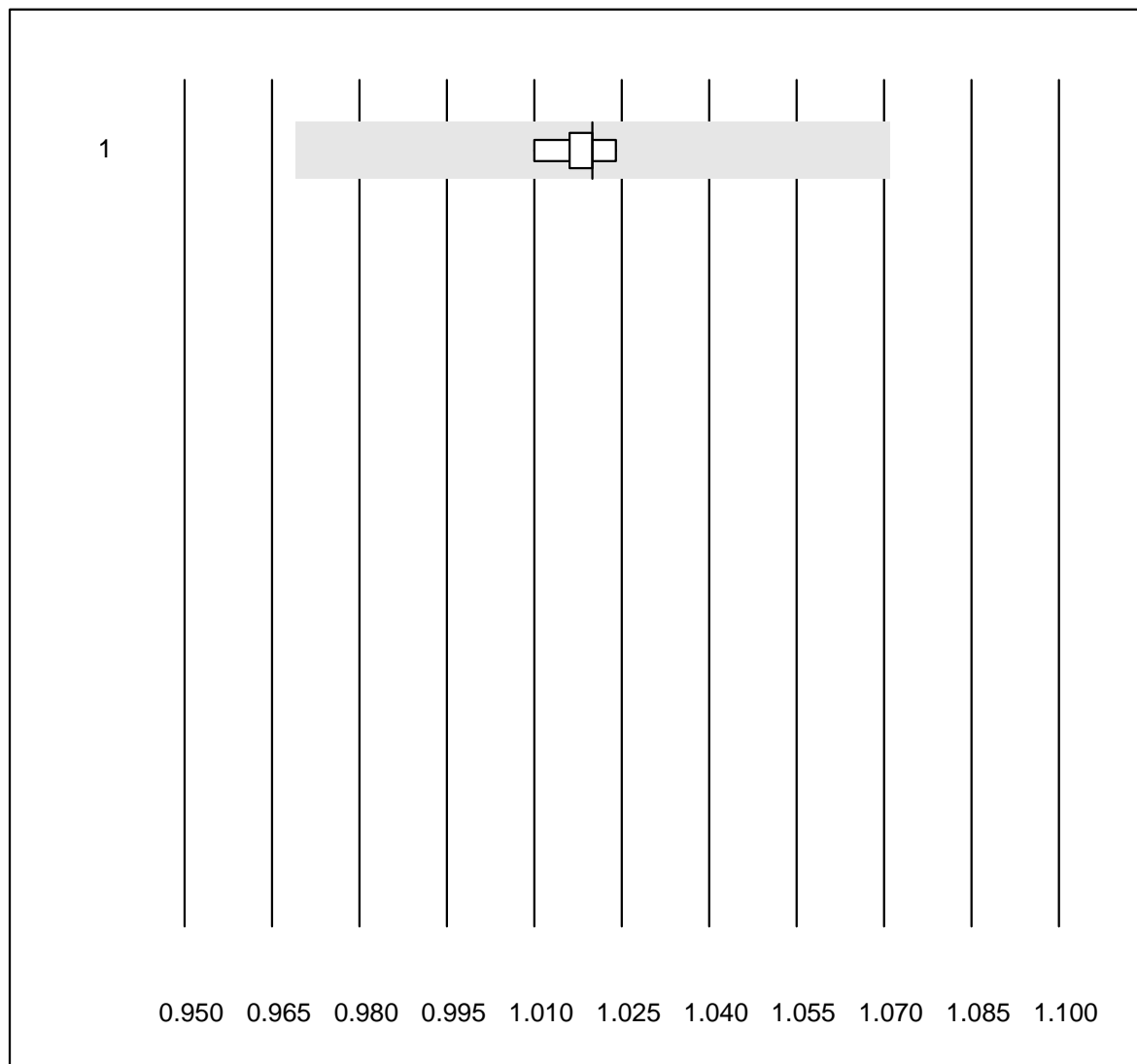


QUALAB tolerance : 15 %

Uric Acid - Urine (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	13	92.3	0.0	7.7	0.92	5.1	e

Specific Gravity - Urine

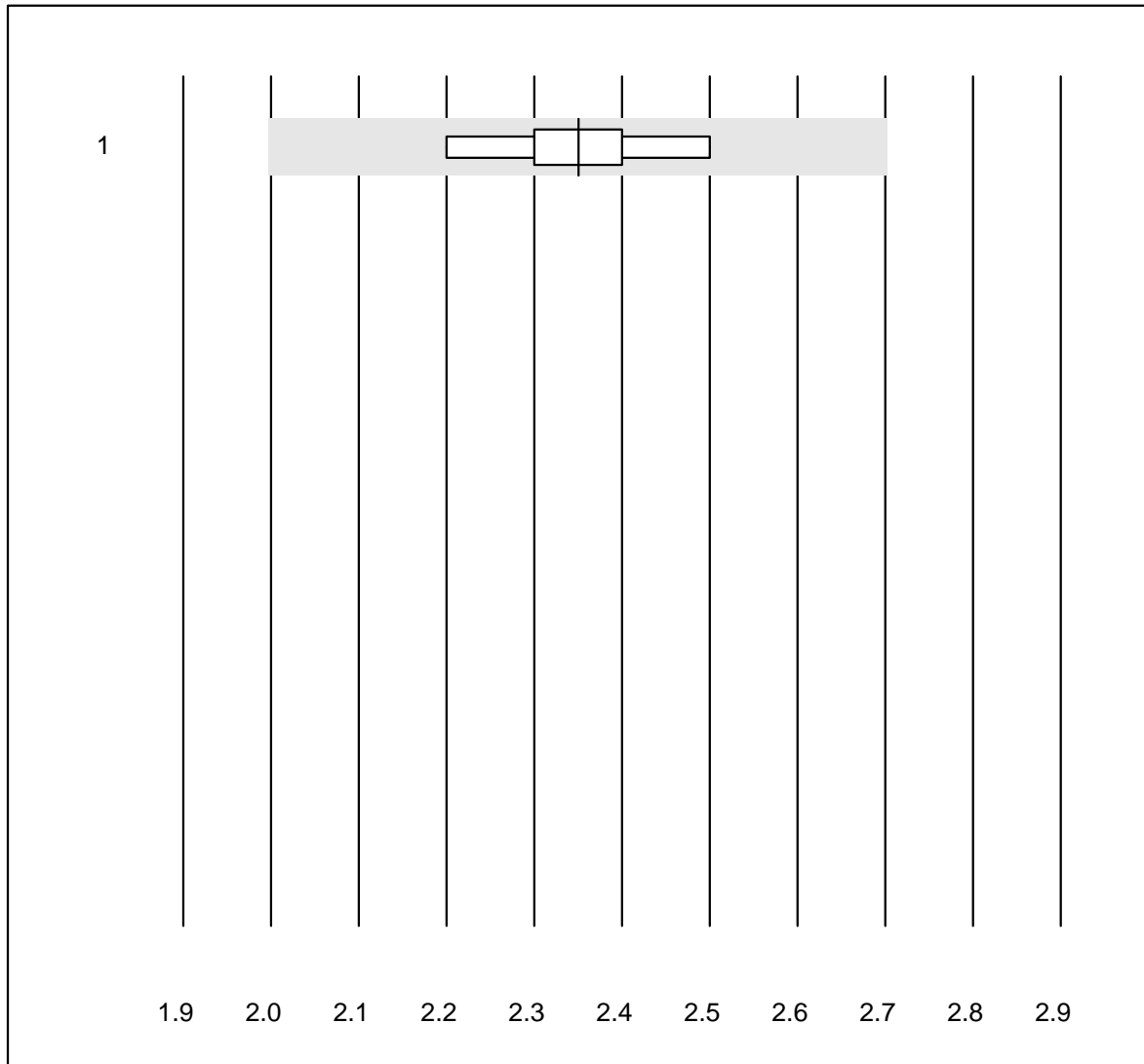


QUALAB tolerance : 5 %

Specific Gravity - Urine ()

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Refractometer	7	100.0	0.0	0.0	1.020	0.4	e

INR CoaguChek



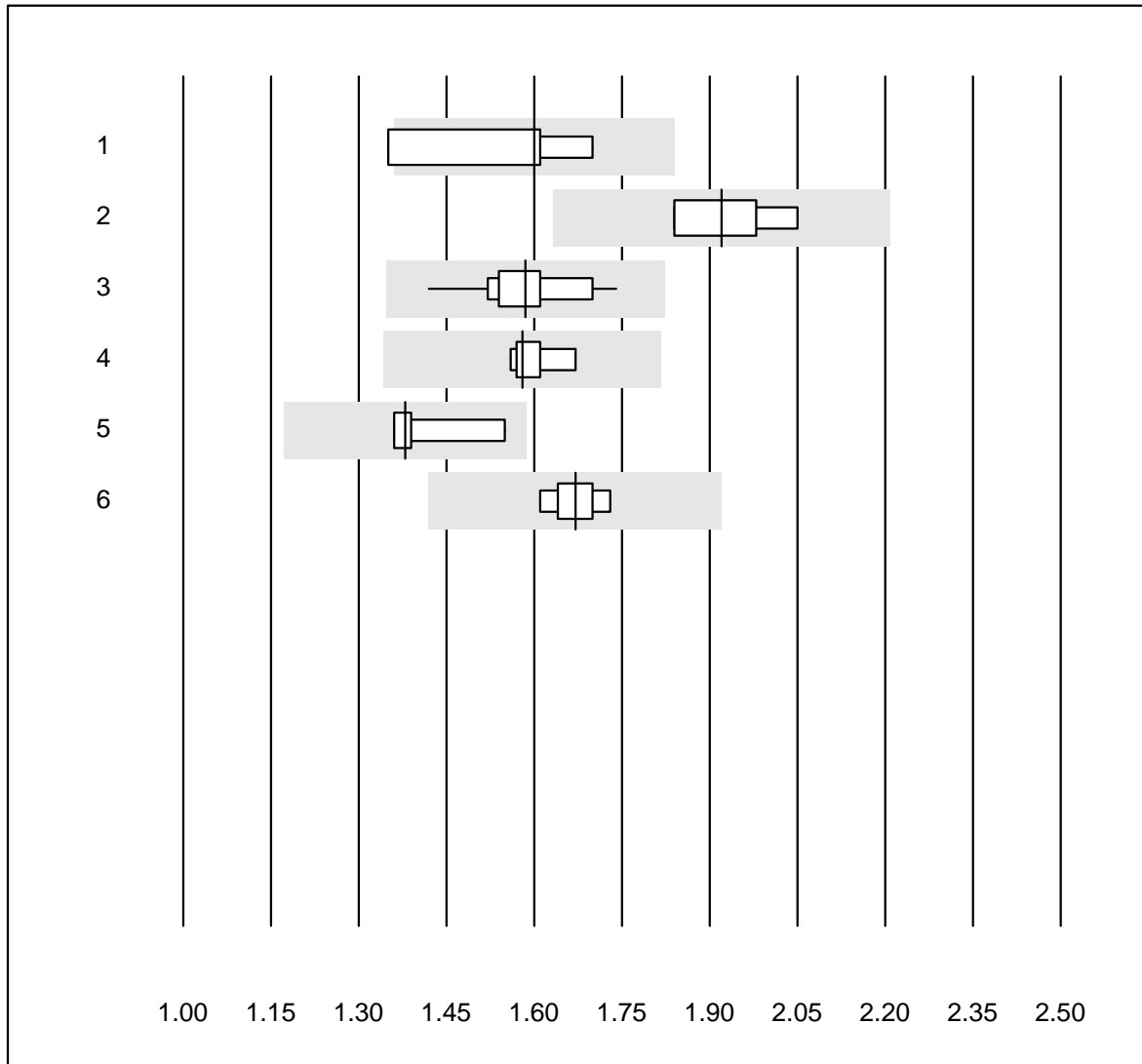
QUALAB tolerance : 15 %

INR CoaguChek ()

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CoaguChek Pro II	6	100.0	0.0	0.0	2.4	4.5	e*

G1 Coagulation INR

INR

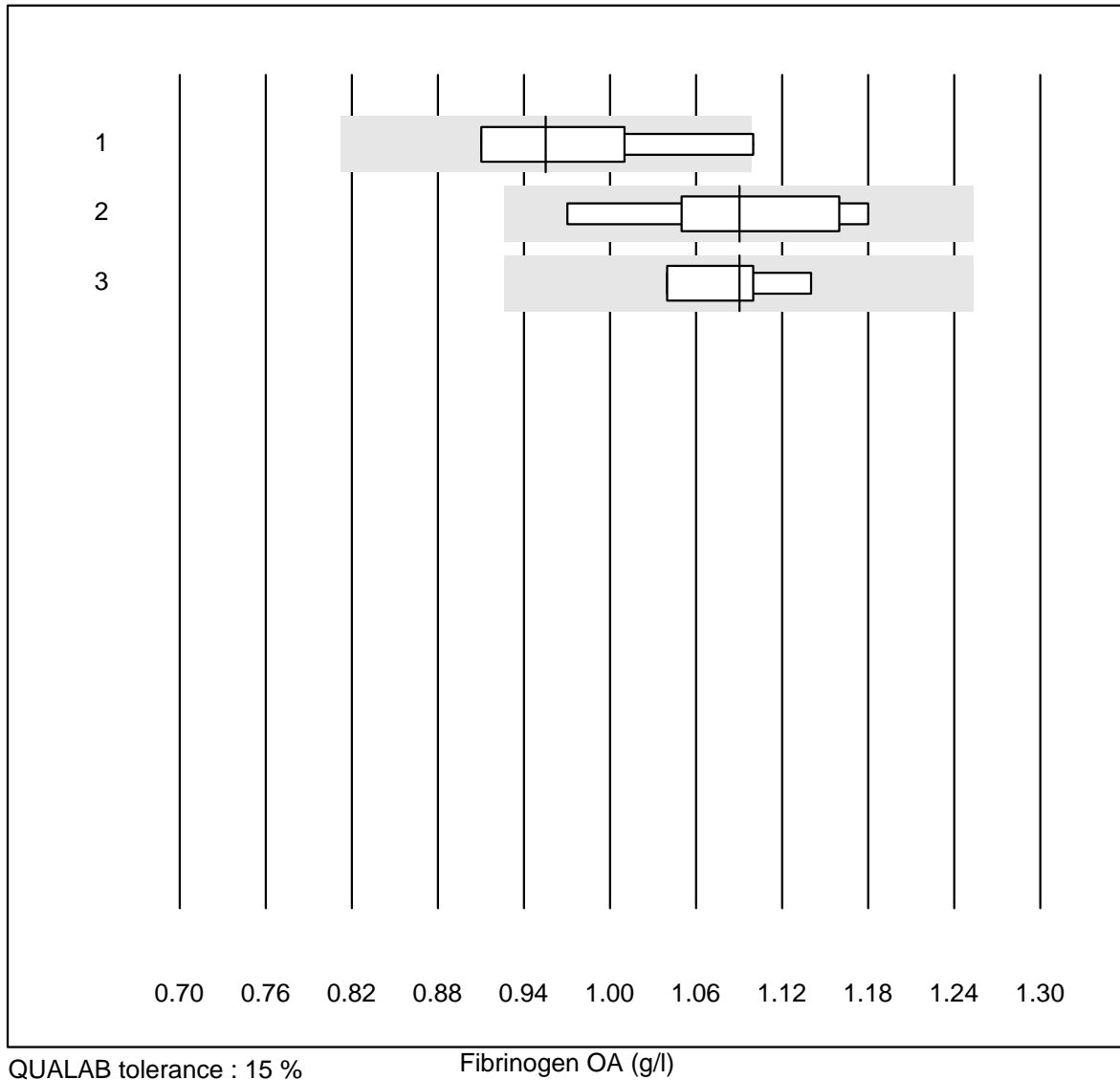


QUALAB tolerance : 15 %

INR ()

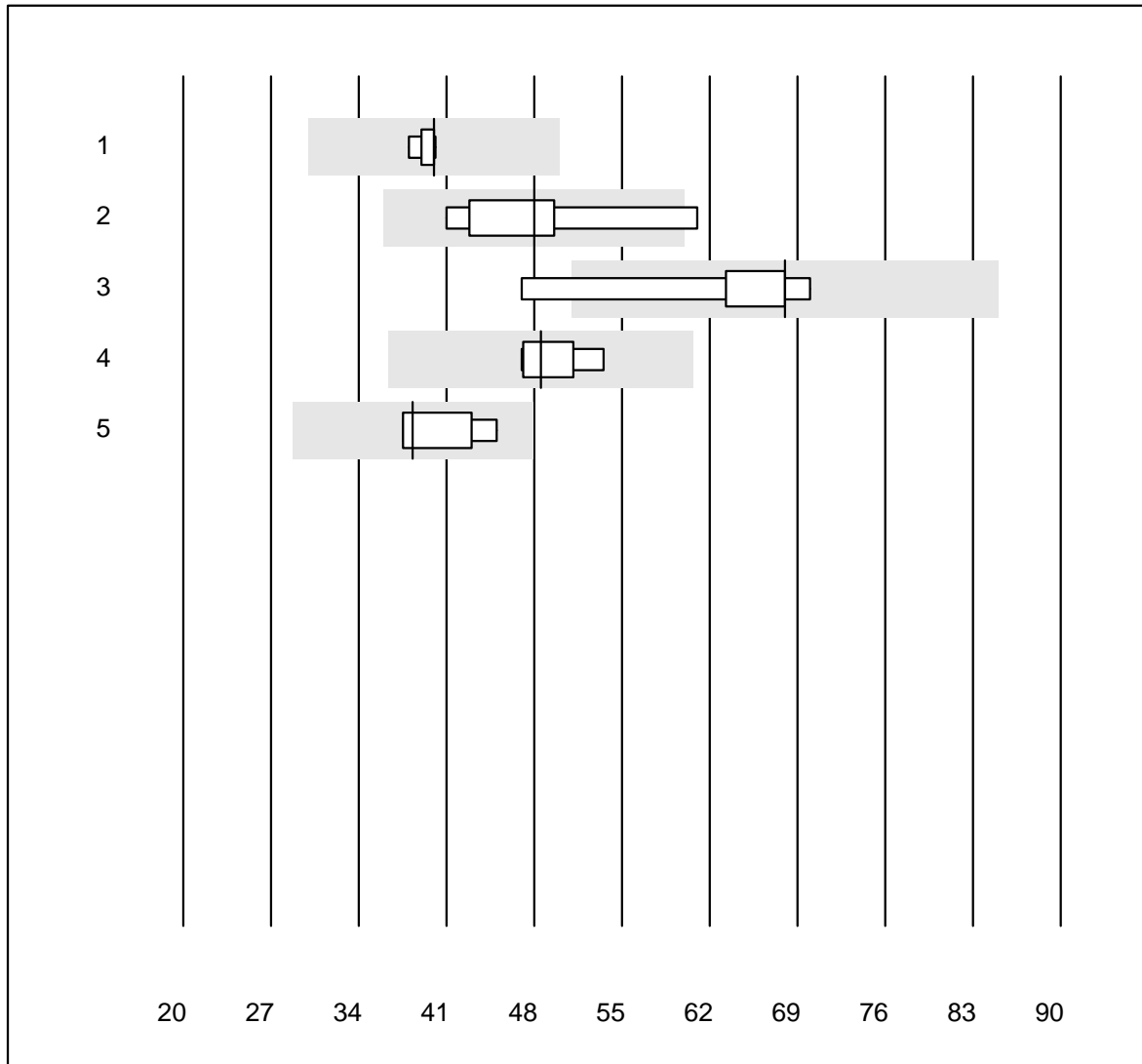
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Thromborel S	4	75.0	25.0	0.0	1.60	9.6	e*
2	Neoplastin Plus	5	100.0	0.0	0.0	1.92	4.7	e*
3	Innovin	16	100.0	0.0	0.0	1.59	4.6	e
4	Recombiplastin 2G	9	88.9	0.0	11.1	1.58	2.8	e
5	Eurolyser	5	80.0	0.0	20.0	1.38	6.3	e*
6	Neoplastin R	7	100.0	0.0	0.0	1.67	2.4	e

Fibrinogen OA



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	5	80.0	20.0	0.0	0.96	8.1	e*
2	Stago/STA	9	100.0	0.0	0.0	1.09	6.4	e*
3	Fib Clauss (IL)	4	100.0	0.0	0.0	1.09	3.8	e*

Activated Prothrombin Time

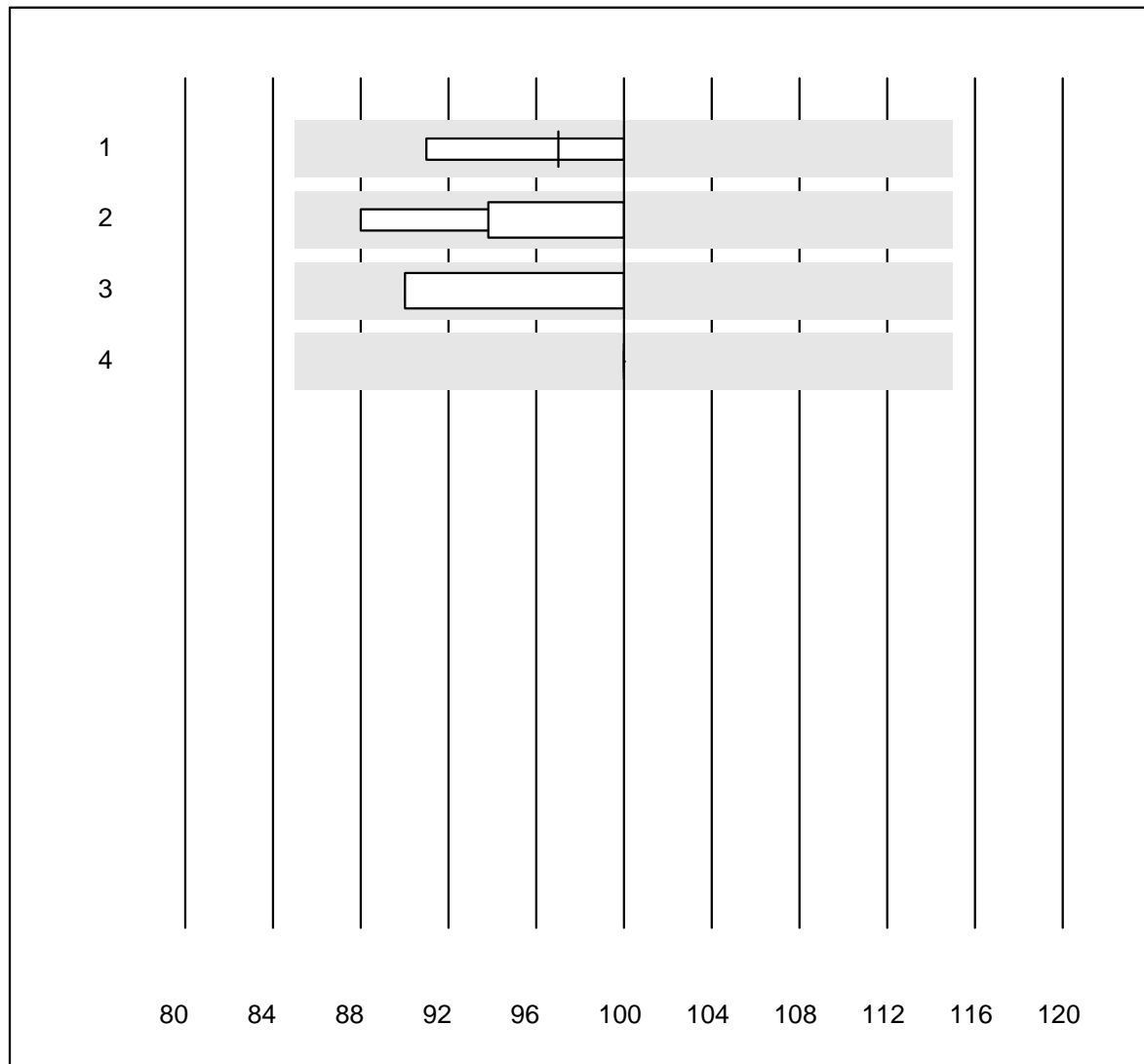


QUALAB tolerance : 25 %

Activated Prothrombin Time (Sek)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	5	100.0	0.0	0.0	40.0	2.3	e
2	Actin FS	8	87.5	12.5	0.0	48.0	12.9	e*
3	Pathromtin SL	5	80.0	20.0	0.0	68.0	14.9	e*
4	Stago/STA	6	100.0	0.0	0.0	48.5	5.2	e
5	aPTT-SP	7	100.0	0.0	0.0	38.3	7.5	e

Prothrombin time NT

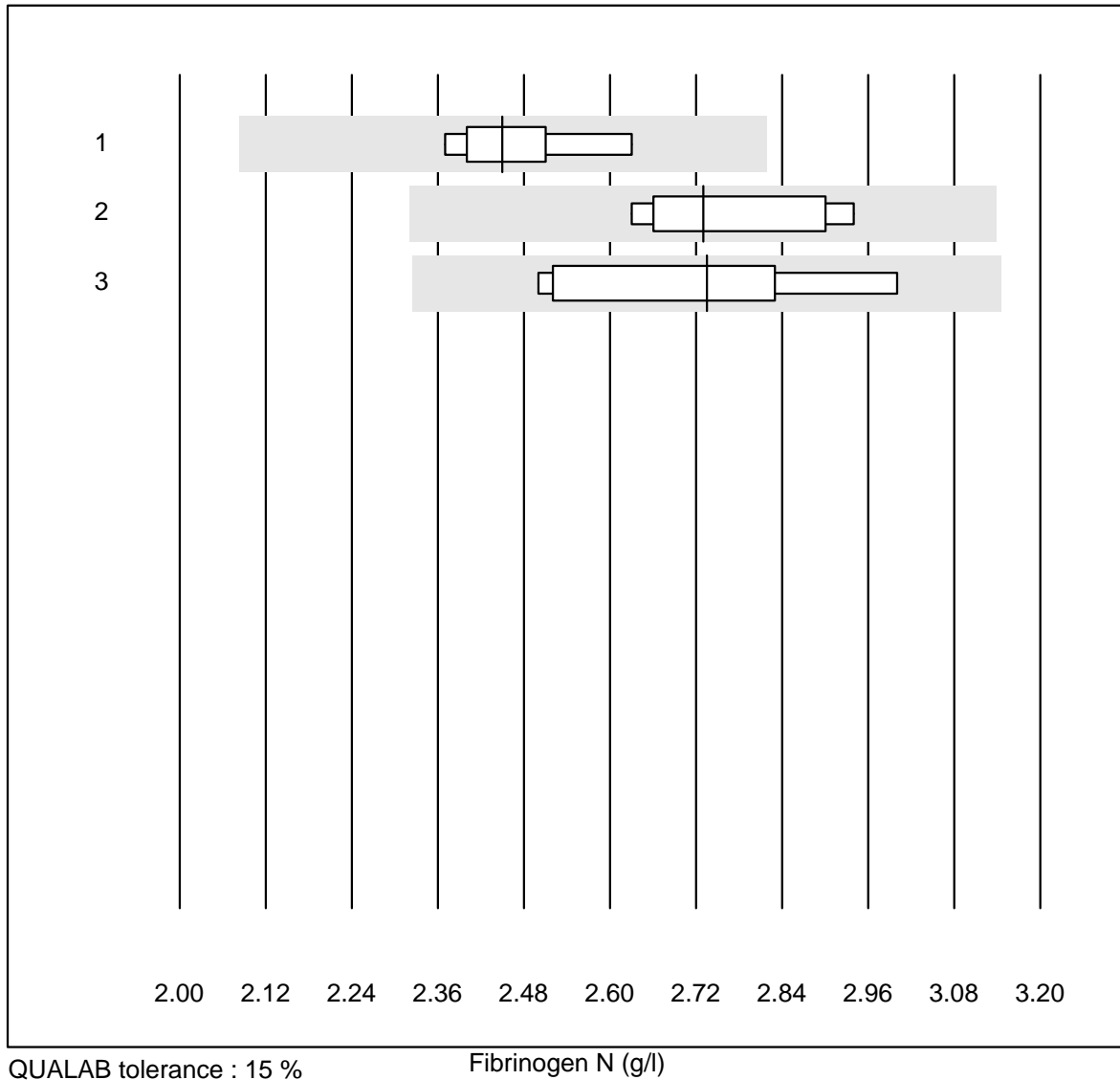


QUALAB tolerance : 15 %

Prothrombin time NT (%)

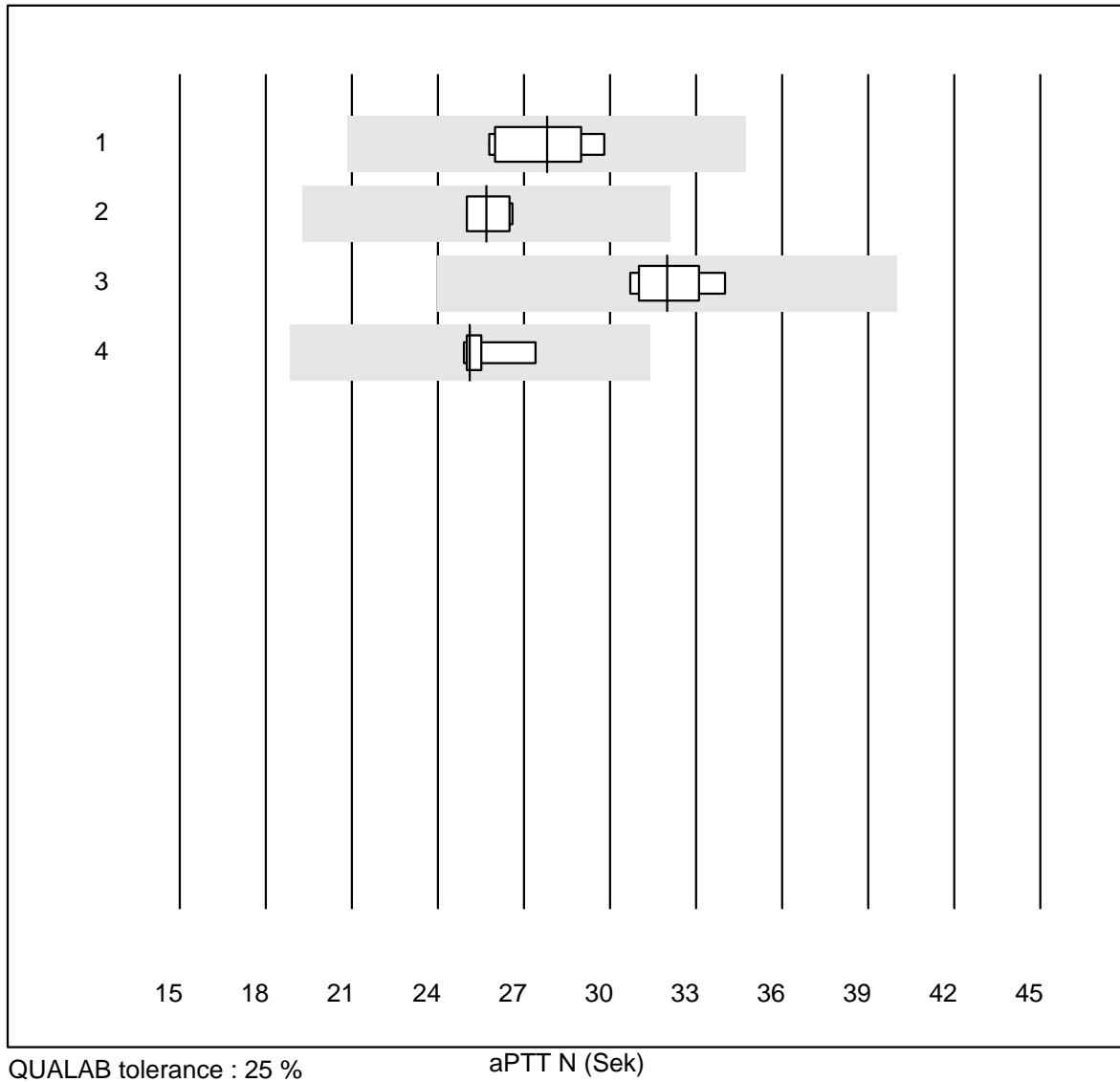
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	5	100.0	0.0	0.0	100	3.4	a
2	Innovin	10	100.0	0.0	0.0	100	4.4	a
3	all Participants	4	100.0	0.0	0.0	100	4.9	a
4	Recombiplastin 2G	7	100.0	0.0	0.0	100	0.0	e

Fibrinogen N



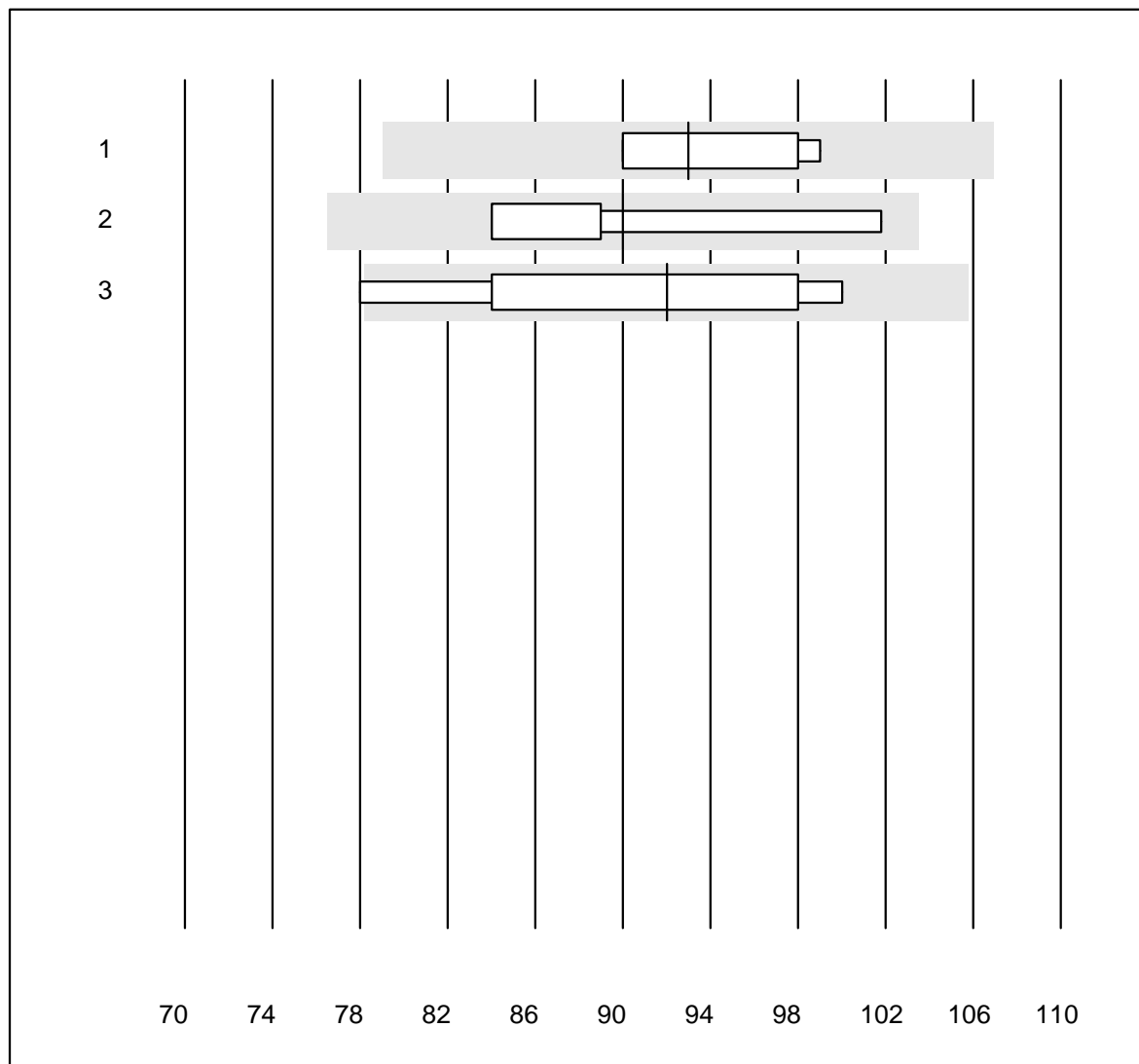
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	6	100.0	0.0	0.0	2.45	4.0	e
2	Stago/STA	9	100.0	0.0	0.0	2.73	4.5	e
3	Fib Clauss (IL)	6	100.0	0.0	0.0	2.74	7.0	e*

aPTT N



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	7	100.0	0.0	0.0	27.8	5.4	e
2	Other methods	6	100.0	0.0	0.0	25.7	2.8	e
3	Stago/STA	7	100.0	0.0	0.0	32.0	3.8	e
4	aPTT-SP	8	100.0	0.0	0.0	25.1	3.3	e

Prothrombin time HT

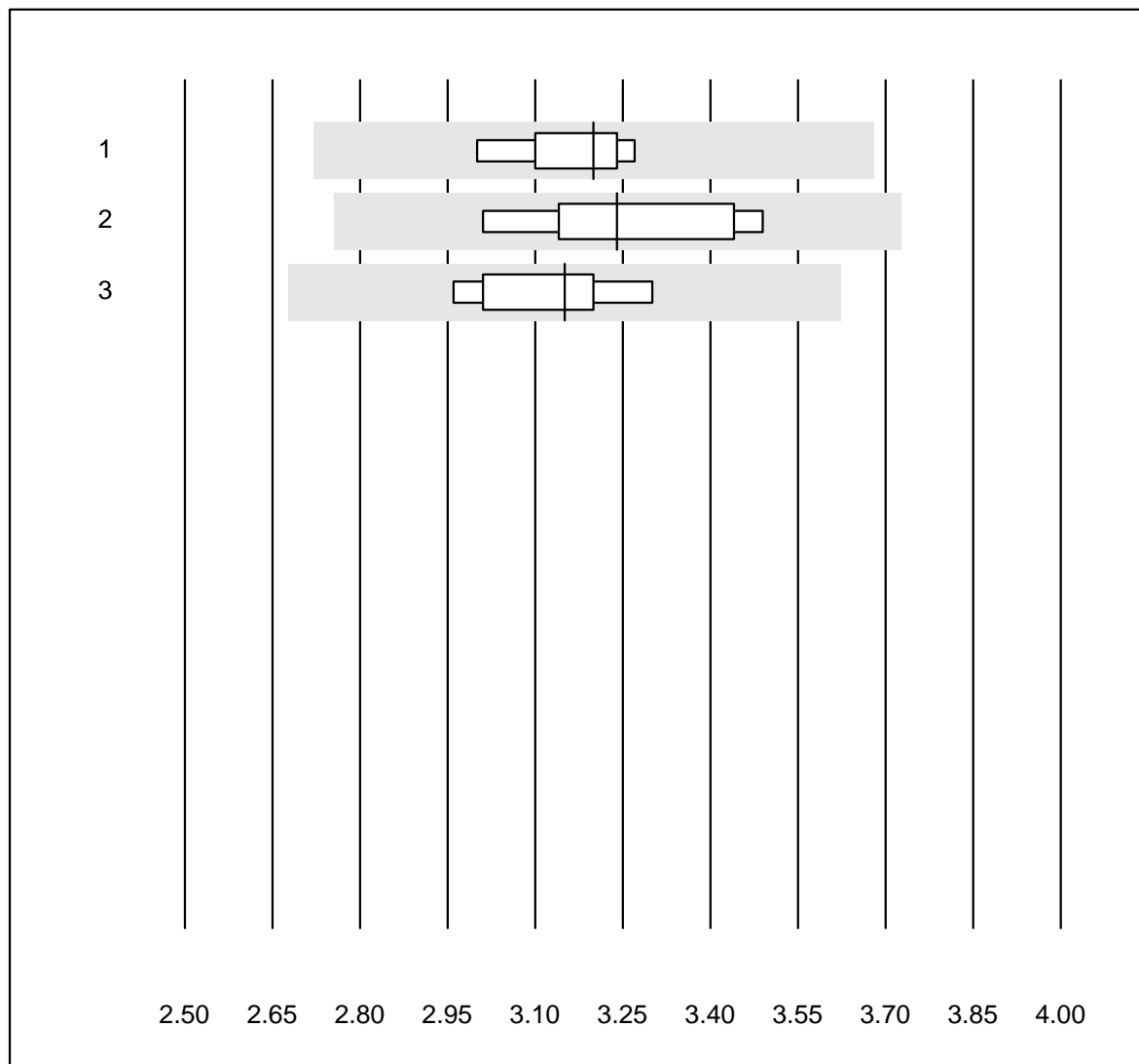


QUALAB tolerance : 15 %

Prothrombin time HT (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	5	100.0	0.0	0.0	93	4.6	e*
2	Innovin	8	100.0	0.0	0.0	90	7.8	a
3	Recombiplastin 2G	9	88.9	11.1	0.0	92	8.8	e*

Fibrinogen H

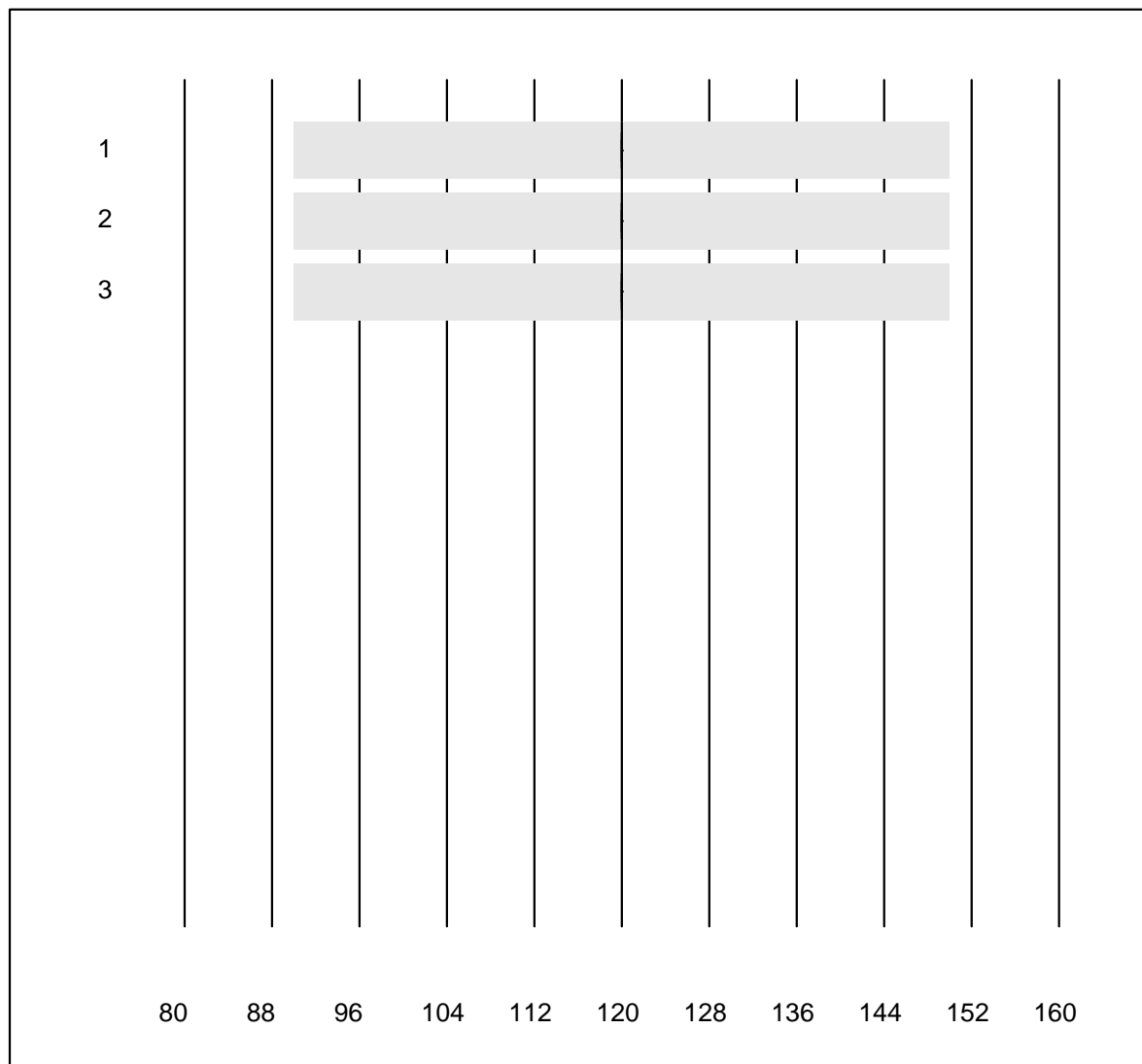


QUALAB tolerance : 15 %

Fibrinogen H (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	5	100.0	0.0	0.0	3.20	3.5	e
2	Stago/STA	7	100.0	0.0	0.0	3.24	5.3	e*
3	Fib Clauss (IL)	5	100.0	0.0	0.0	3.15	4.5	e*

aPTT H

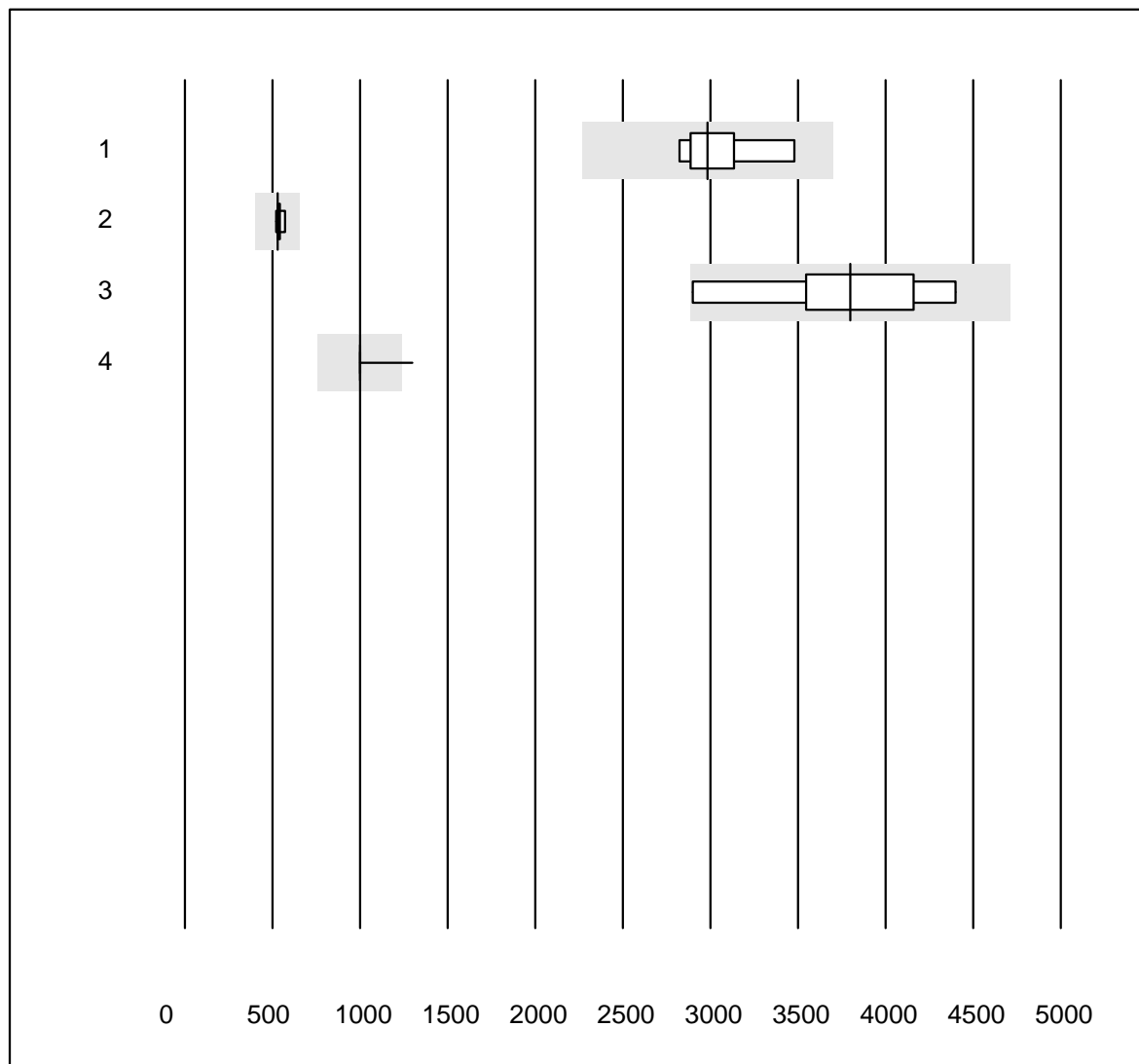


QUALAB tolerance : 25 %

aPTT H (Sek)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	6	100.0	0.0	0.0	120.0	0.0	e
2	Stago/STA	5	80.0	0.0	20.0	120.0	0.0	e
3	aPTT-SP	6	100.0	0.0	0.0	120.0	0.0	e

Troponin I

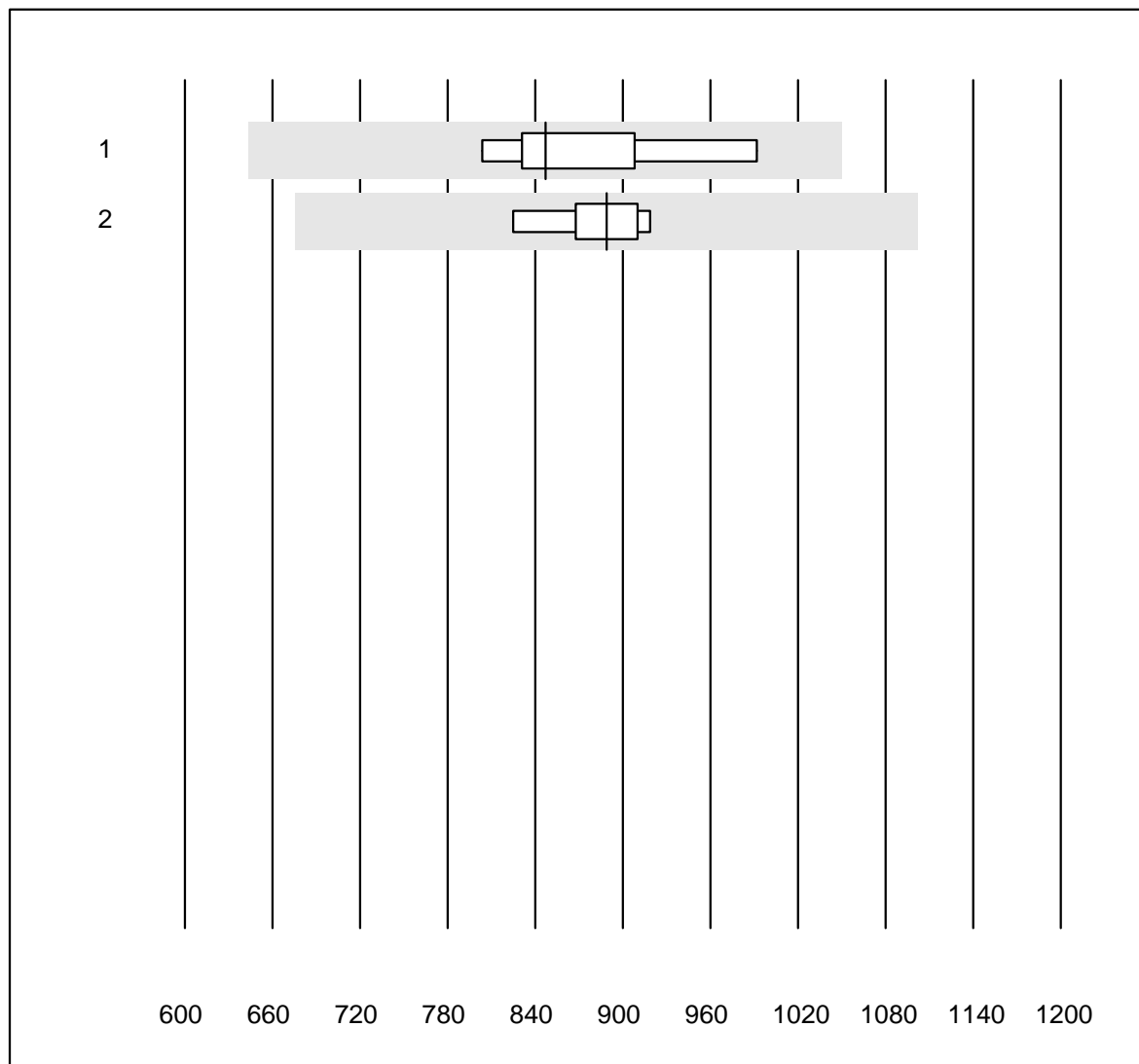


QUALAB tolerance : 24 %

Troponin I (ng/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect High Sensi	6	100.0	0.0	0.0	2984.3	7.8	e*
2	AQT 90 FLEX	5	100.0	0.0	0.0	530.0	3.6	e
3	ADVIA Centaur XP/CP	5	100.0	0.0	0.0	3800.0	15.5	a
4	Eurolyser	13	76.9	7.7	15.4	1000.0	8.8	e

Troponin T

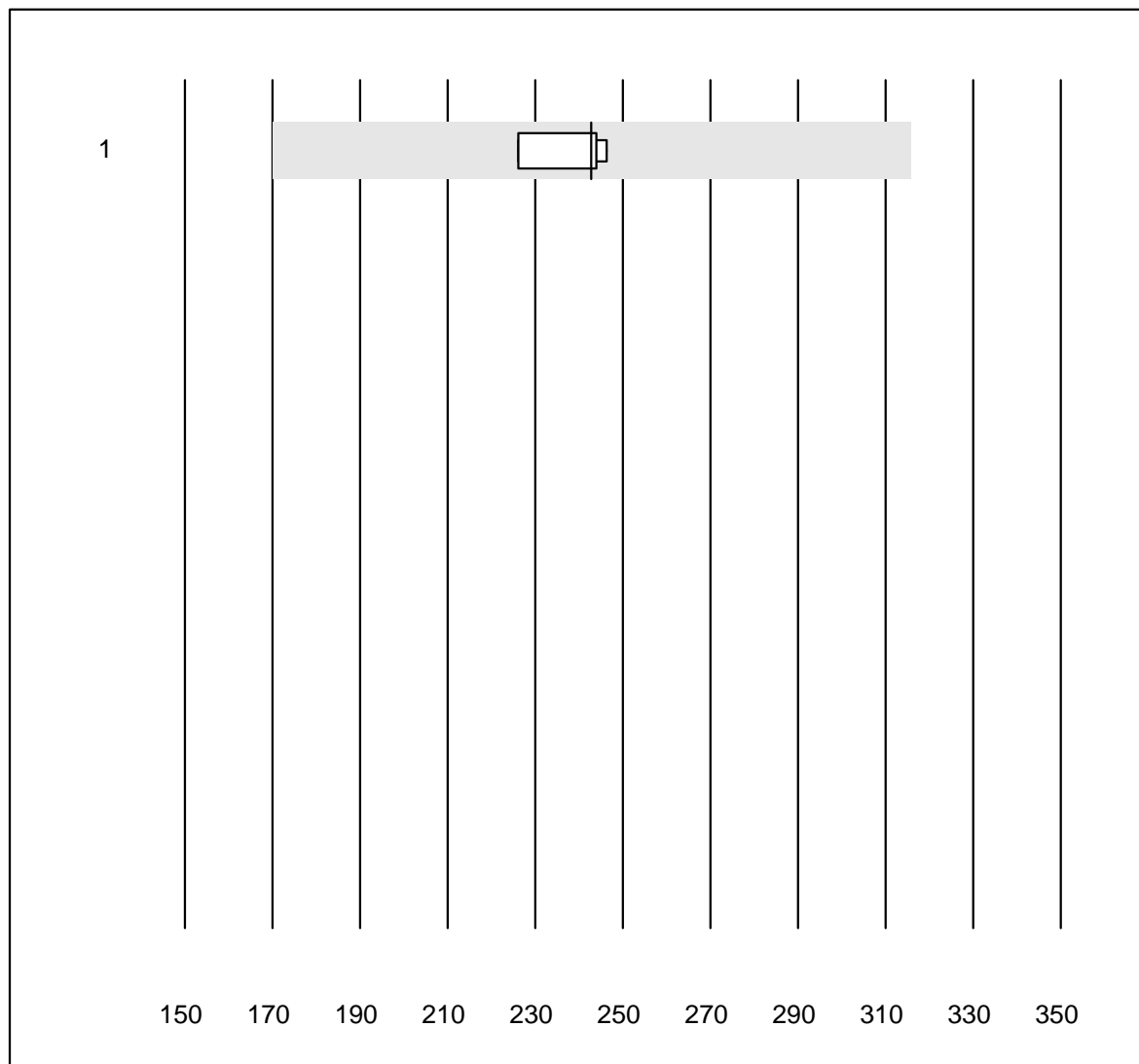


QUALAB tolerance : 24 %

Troponin T (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas hs	5	100.0	0.0	0.0	847.00	8.6	e*
2	Cobas hs STAT	6	100.0	0.0	0.0	889.05	3.8	e

Myoglobin

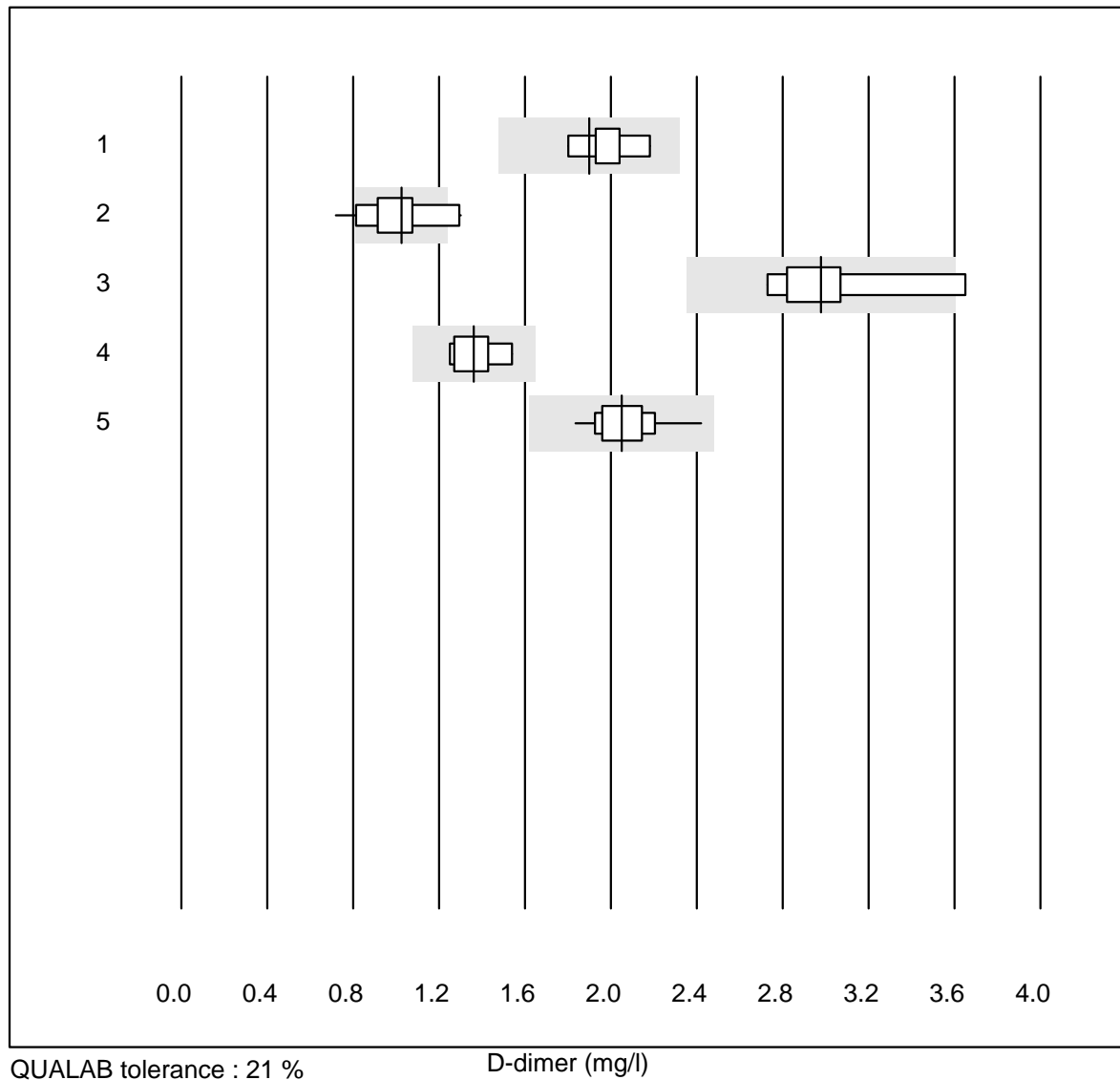


QUALAB tolerance : 30 %

Myoglobin (µg/l)

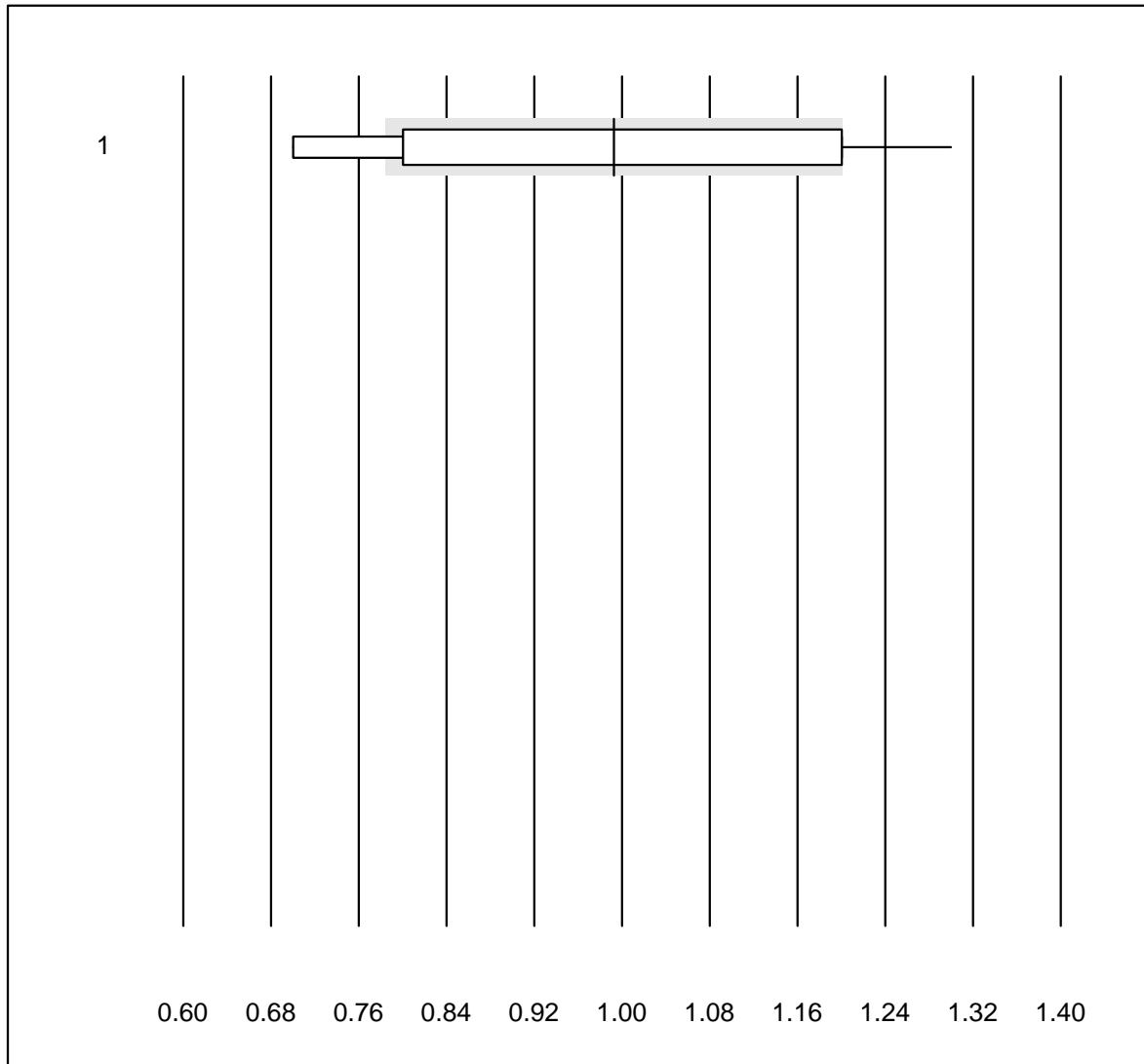
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	242.8	3.8	e

D-dimer



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	STA Liatest	8	87.5	0.0	12.5	1.90	5.8	a
2	Eurolyser	26	57.7	11.5	30.8	1.03	15.8	a
3	ACL	5	80.0	20.0	0.0	2.98	11.8	e*
4	AQT 90 FLEX	6	100.0	0.0	0.0	1.36	7.8	e*
5	Vidas	11	100.0	0.0	0.0	2.05	7.8	e

D-Dimer NC

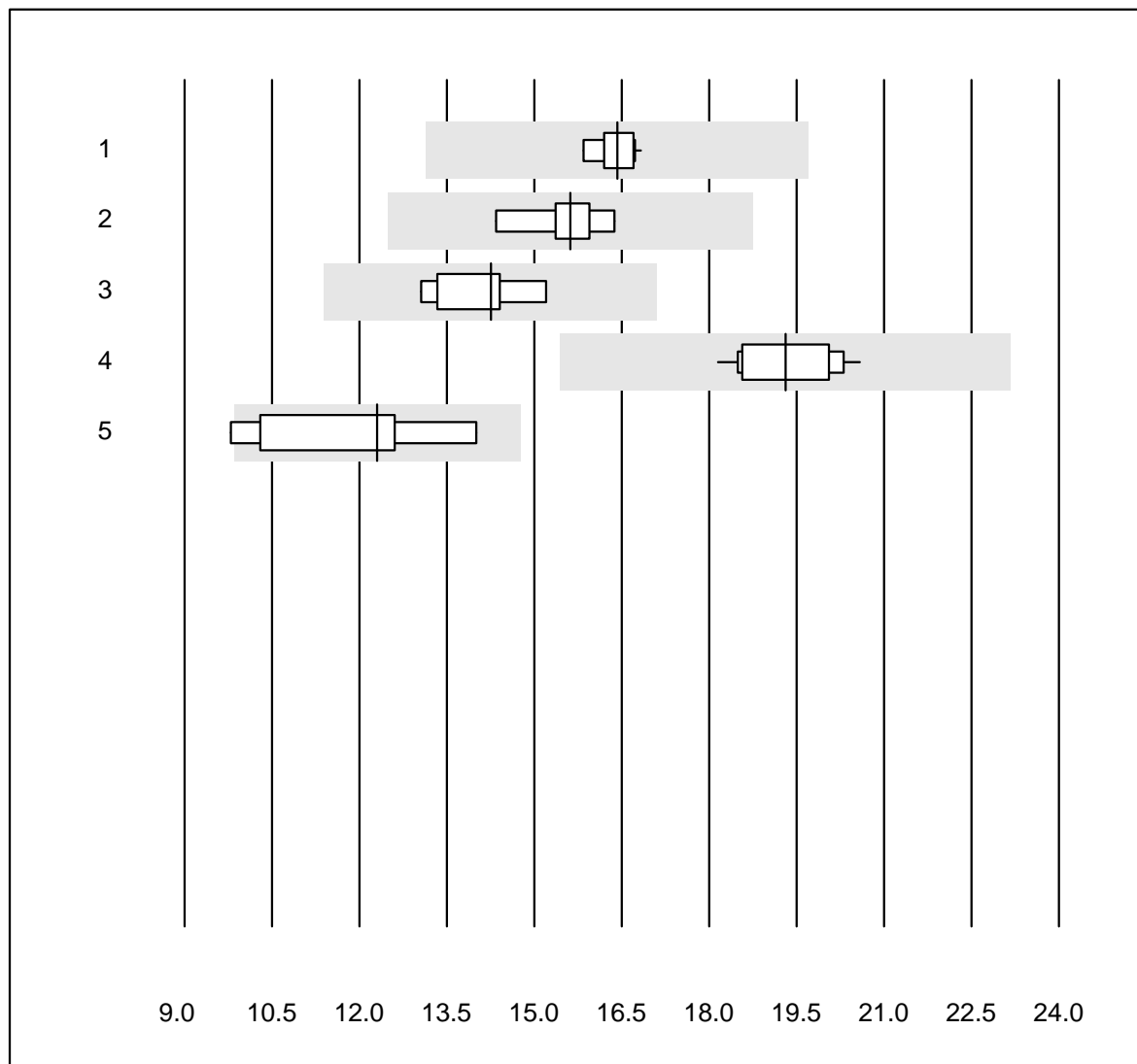


QUALAB tolerance : 21 %

D-Dimer NC (mg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	NycoCard	29	75.9	17.2	6.9	0.99	18.5	e*

TSH



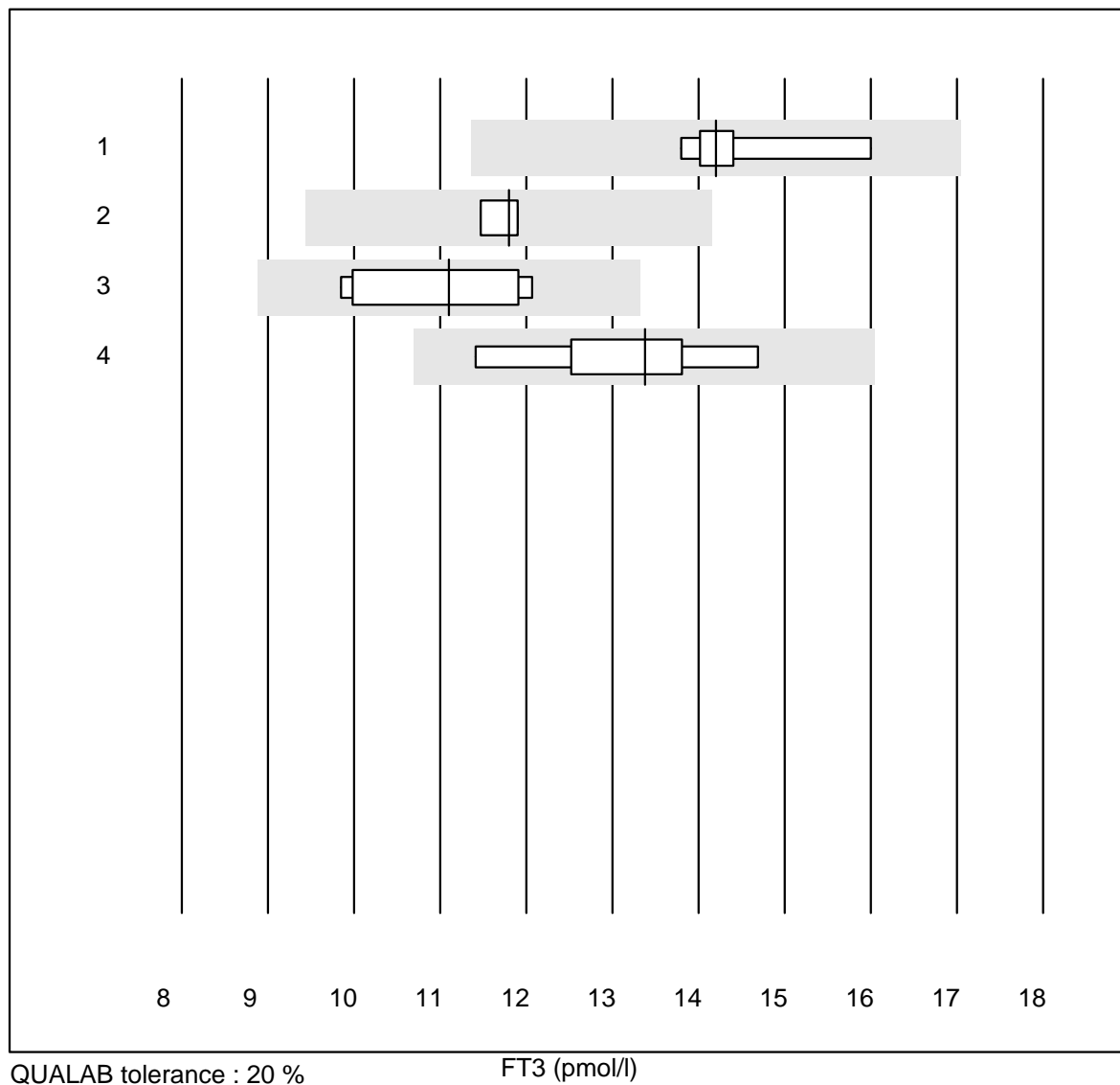
QUALAB tolerance : 20 %

TSH (mU/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	10	100.0	0.0	0.0	16.4	2.1	e
2	ADVIA Centaur XP/CP	6	100.0	0.0	0.0	15.6	4.4	e
3	Architect	8	100.0	0.0	0.0	14.3	4.9	e
4	Vidas	11	100.0	0.0	0.0	19.3	4.1	e
5	Qualigen	5	80.0	20.0	0.0	12.3	14.7	e*

K6 Hormones

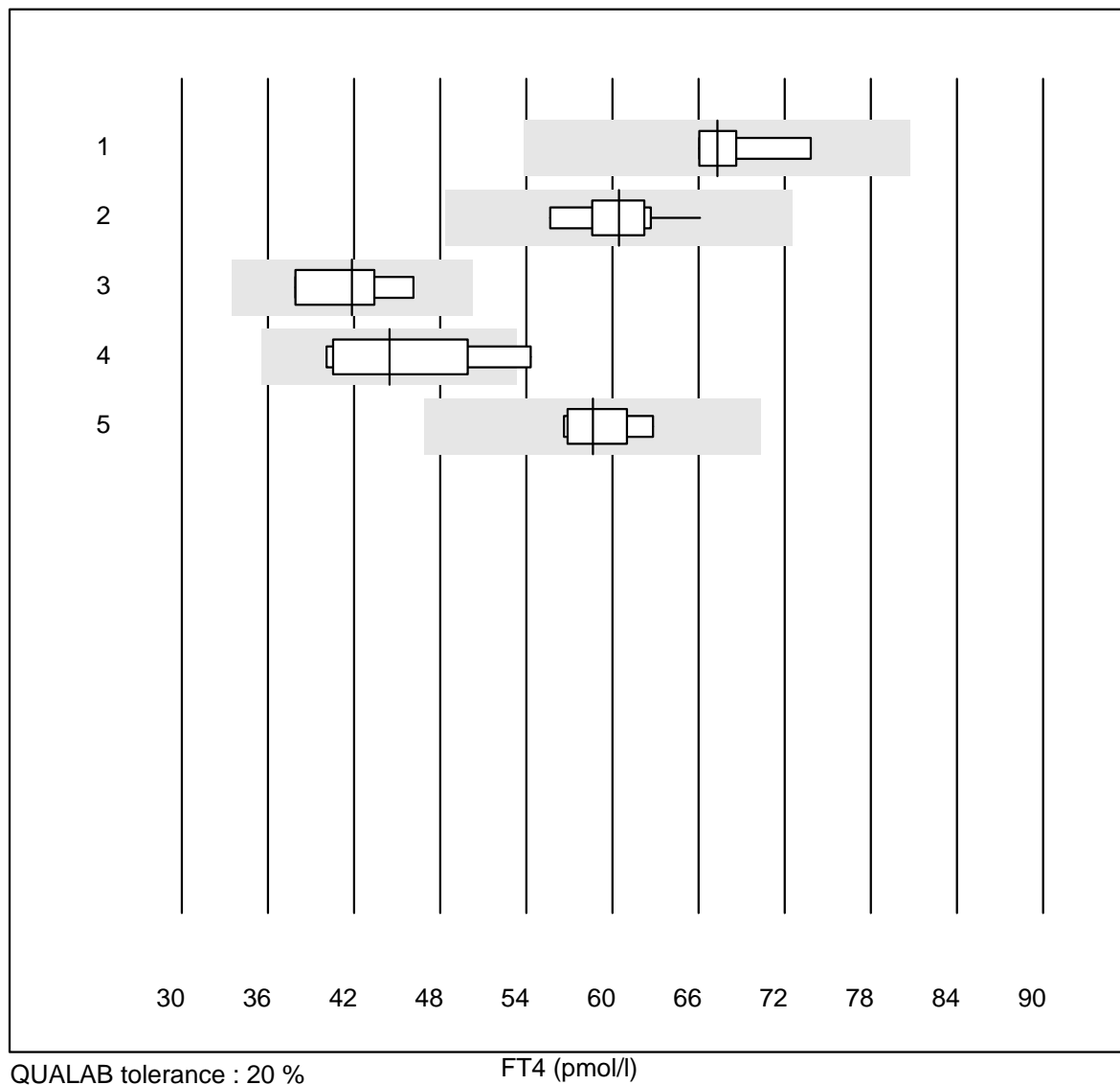
FT3



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	9	100.0	0.0	0.0	14.2	4.8	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	11.8	1.7	e
3	Architect	7	100.0	0.0	0.0	11.1	8.2	e*
4	Vidas	6	100.0	0.0	0.0	13.4	8.5	e*

K6 Hormones

FT4

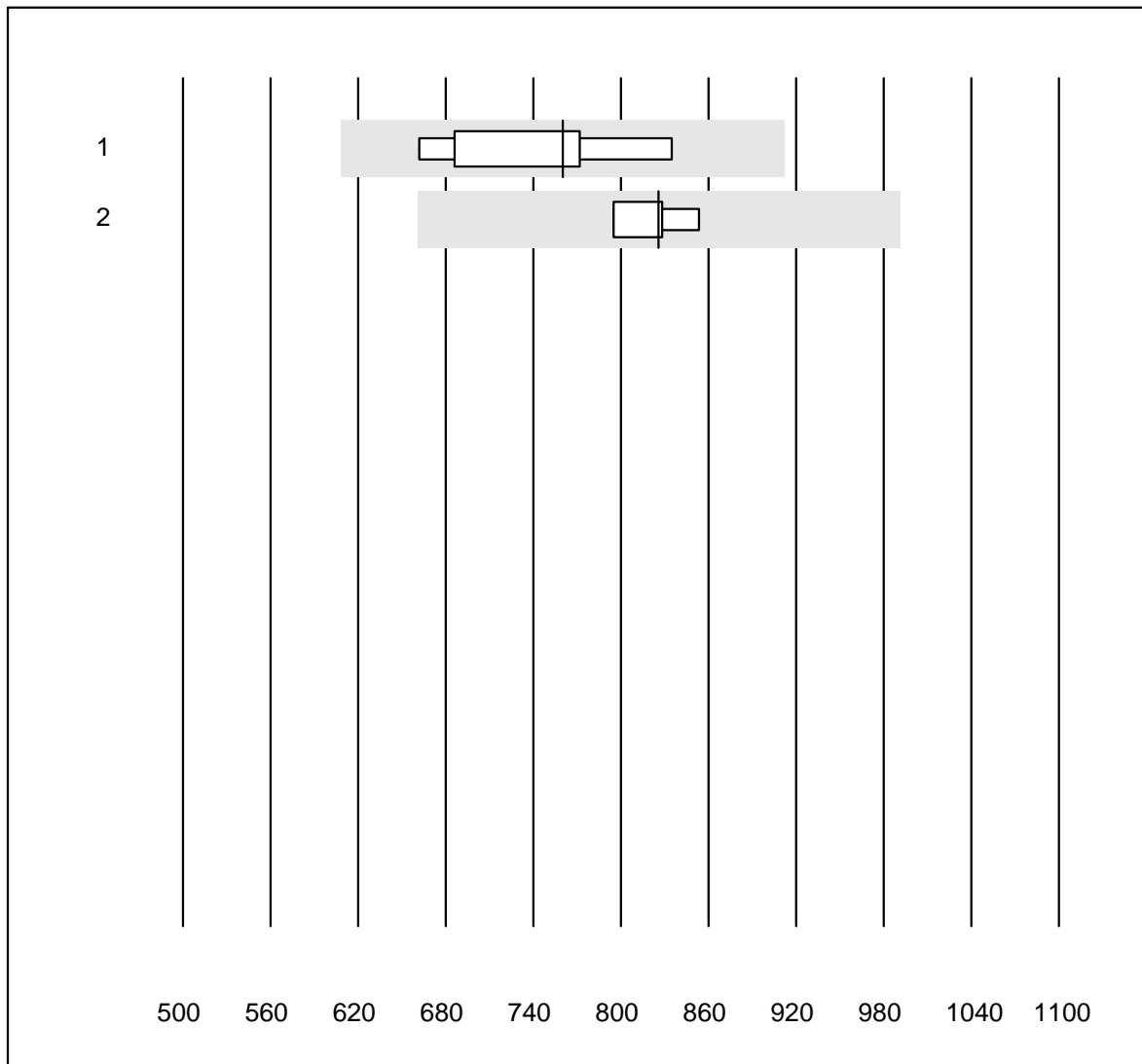


QUALAB tolerance : 20 %

FT4 (pmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Qualigen	4	100.0	0.0	0.0	67.3	5.3	e*
2	Cobas E / Elecsys	10	100.0	0.0	0.0	60.4	5.0	e
3	ADVIA Centaur XP	4	100.0	0.0	0.0	41.9	8.6	e*
4	Architect	8	87.5	12.5	0.0	44.5	11.0	e*
5	Vidas	7	100.0	0.0	0.0	58.6	3.8	e

Cortisol

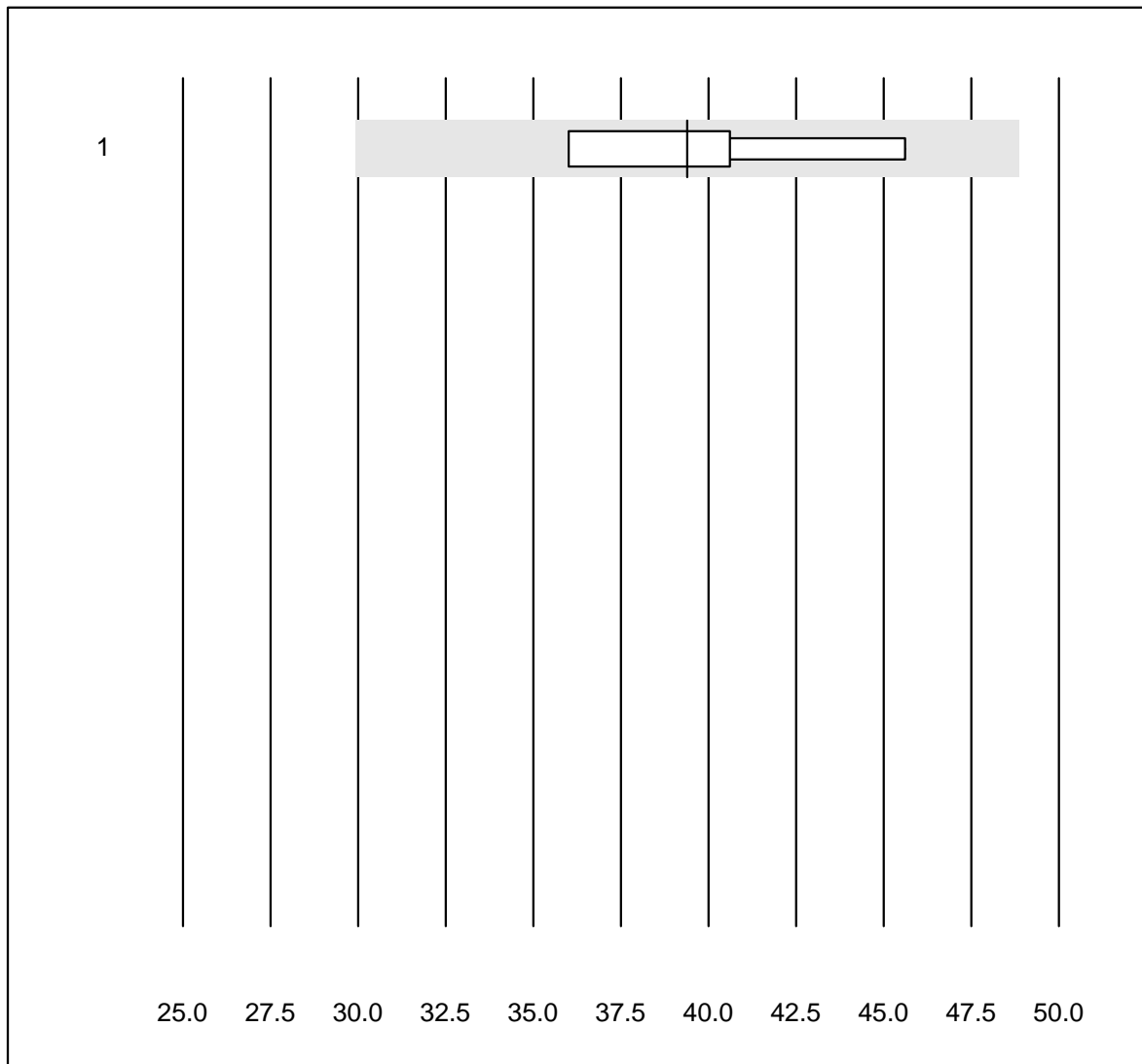


QUALAB tolerance : 20 %

Cortisol (nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	760	8.4	e*
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	826	2.9	e

Luteinizing hormone

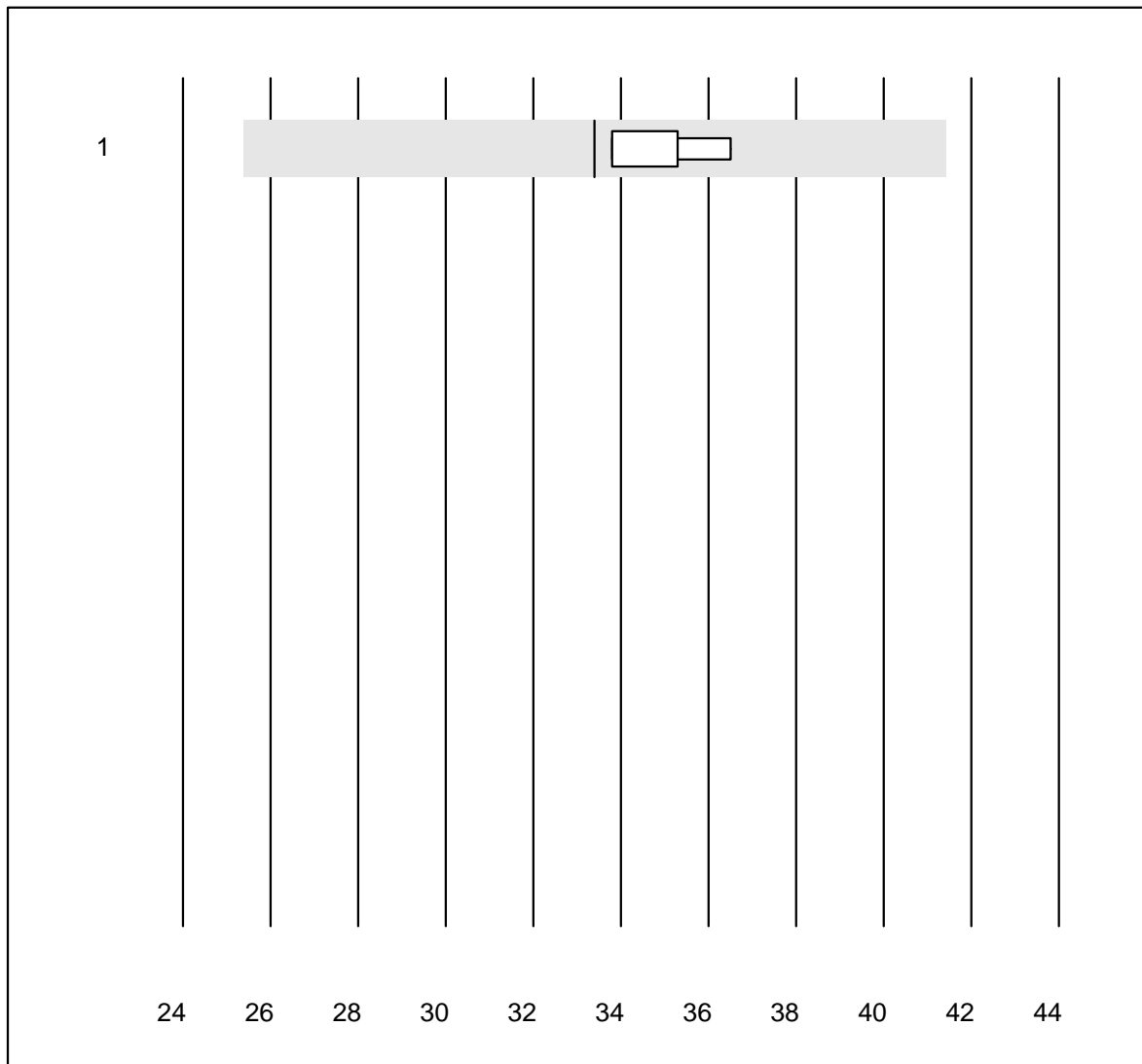


QUALAB tolerance : 24 %

Luteinizing hormone (U/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	39.4	9.7	a

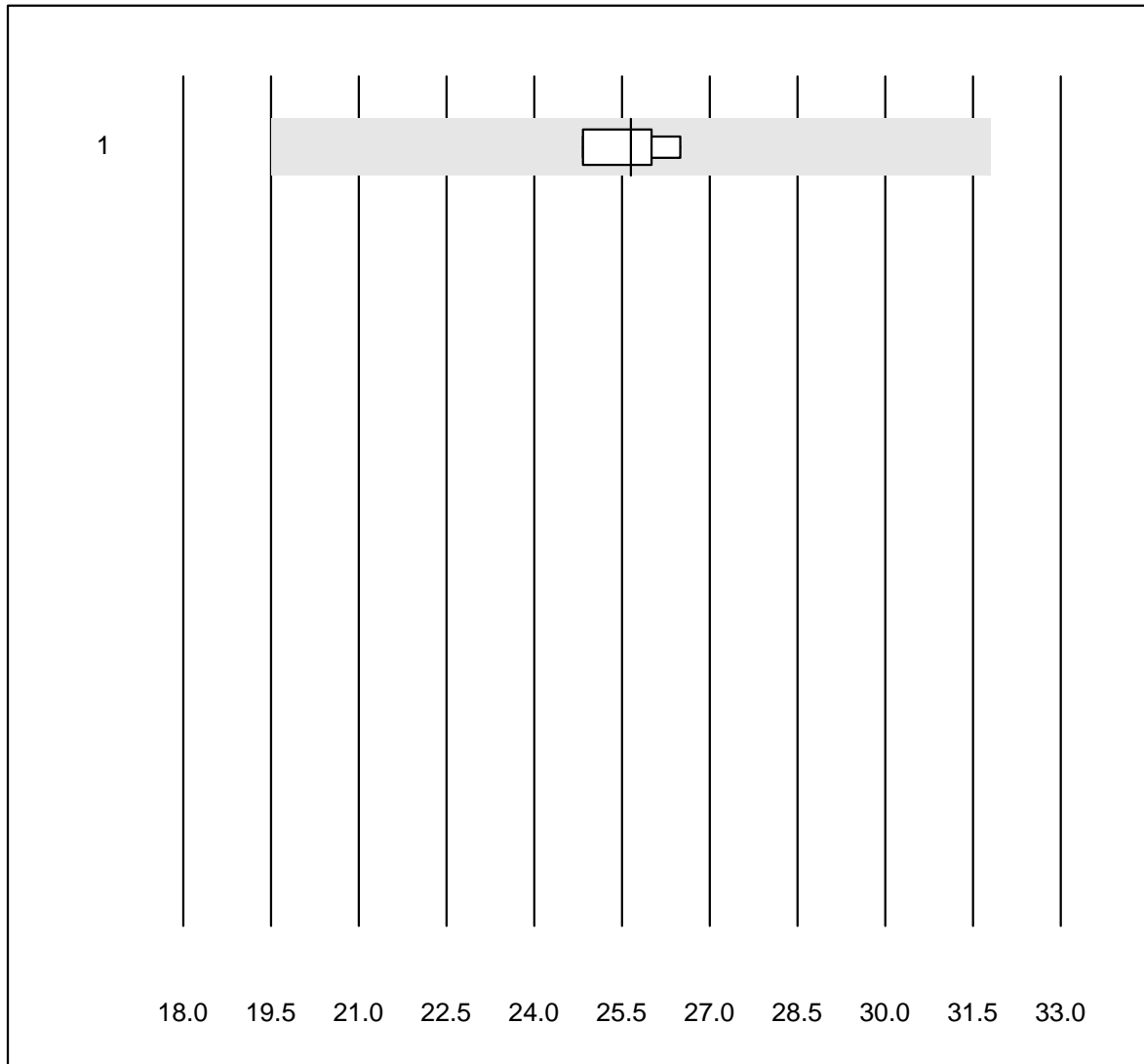
Follicle-stimulating hormone



QUALAB tolerance : 24 % Follicle-stimulating hormone (U/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	33.4	3.5	a

Prolactine

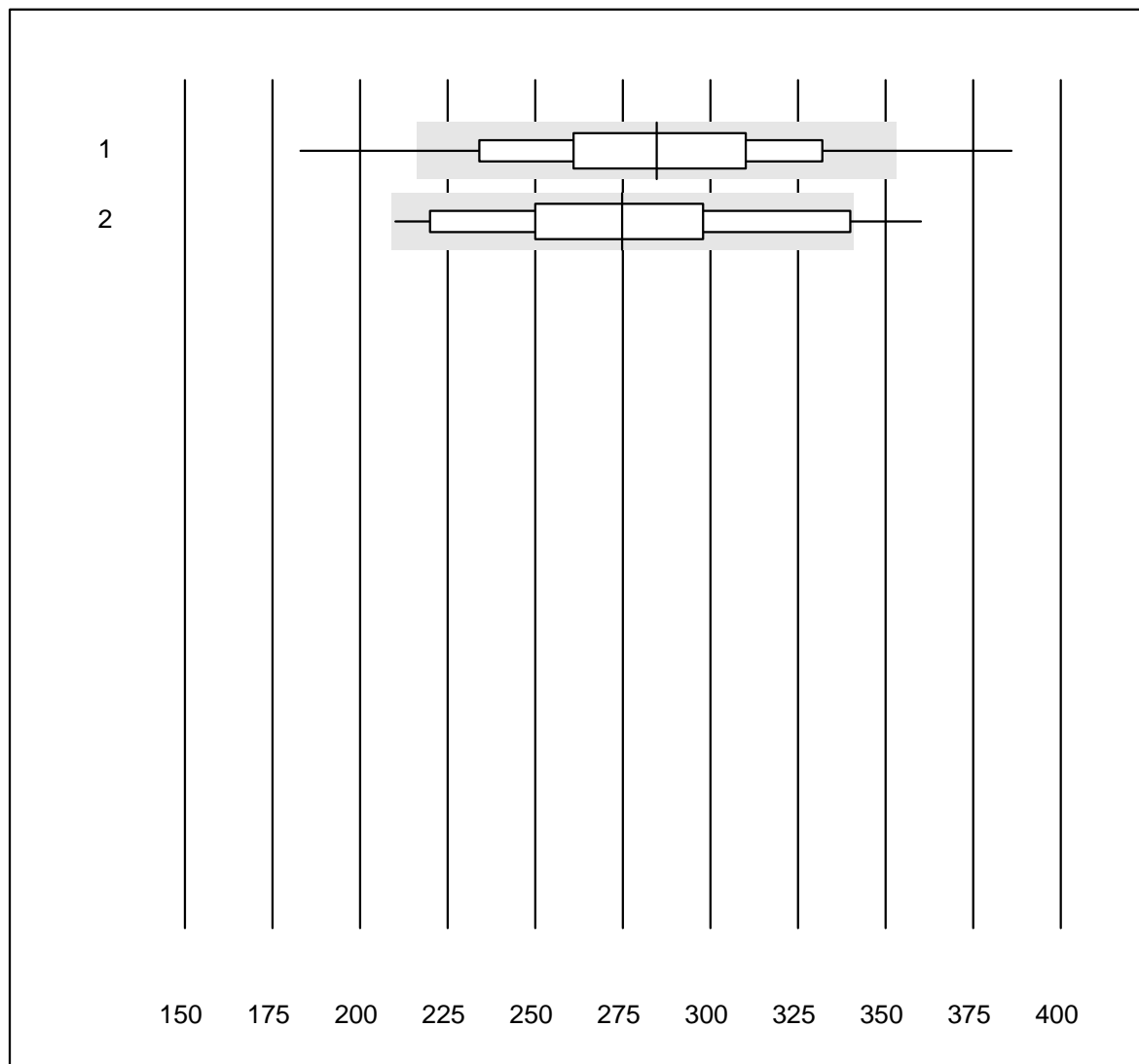


QUALAB tolerance : 24 %

Prolactine (µg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	25.7	2.9	e

Troponin T CR

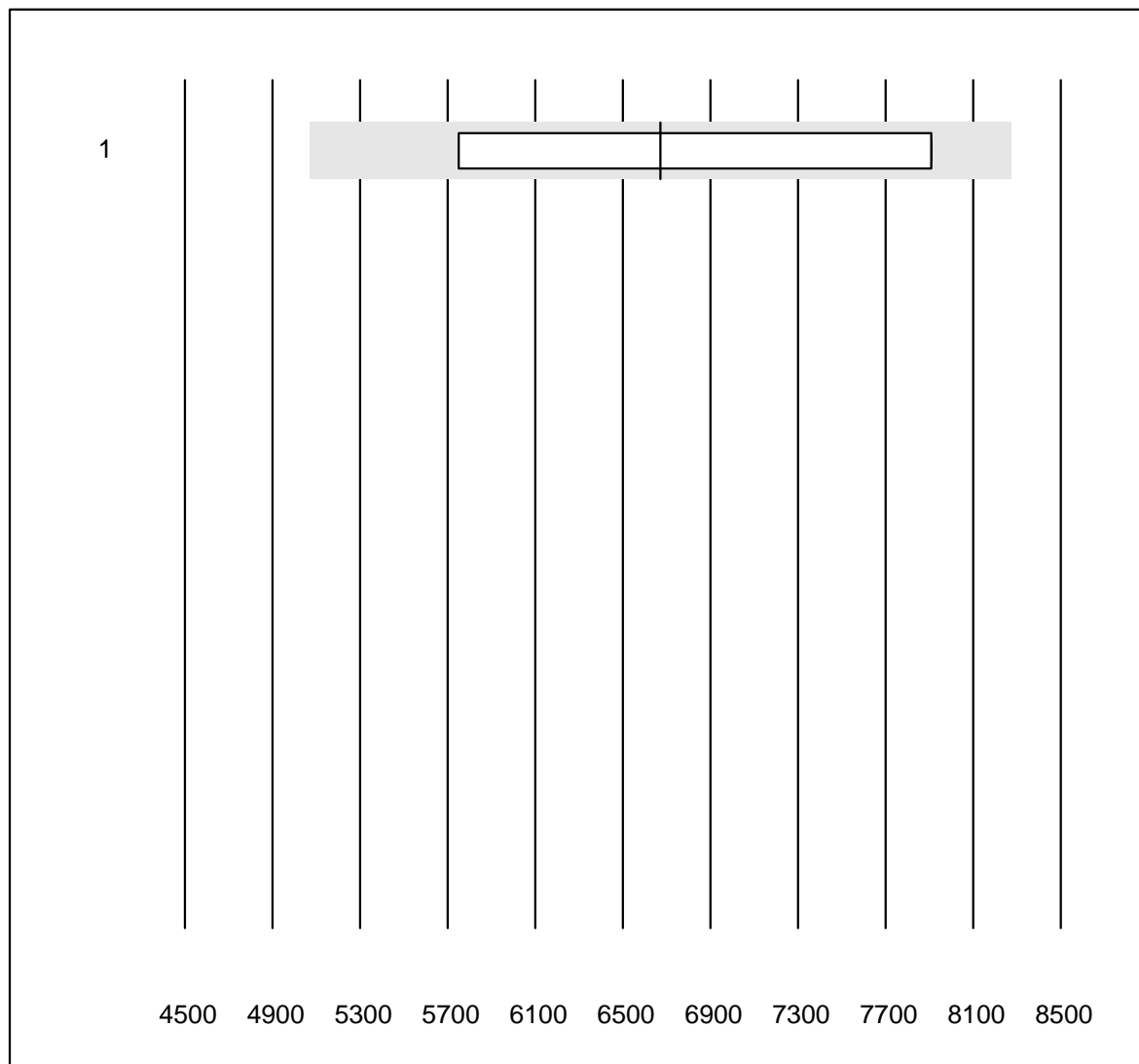


QUALAB tolerance : 24 %

Troponin T CR (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	849	91.9	6.7	1.4	284.75	13.0	e
2	Cardiac Reader	54	87.0	9.3	3.7	274.83	14.3	e

Troponin I WB

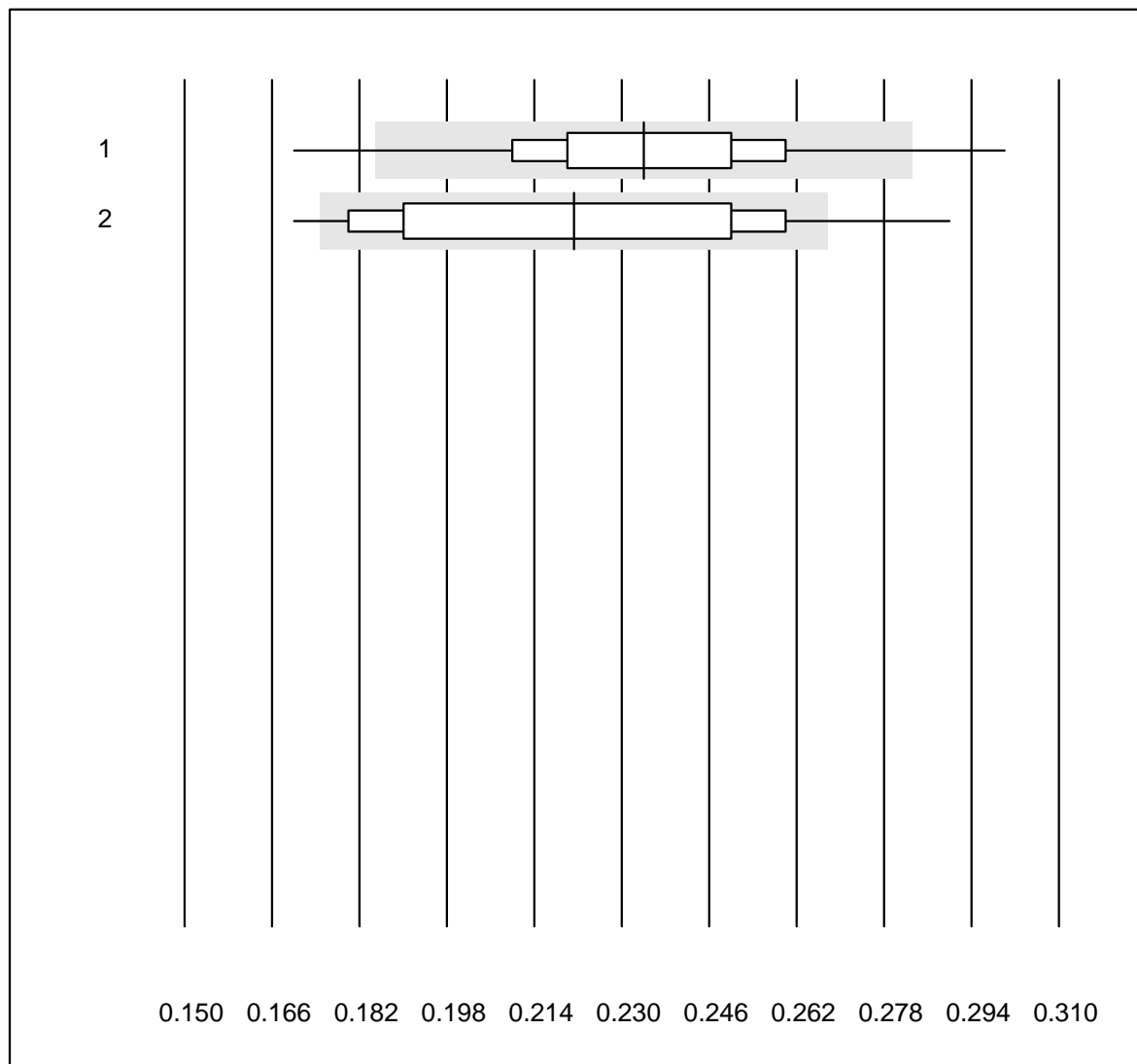


QUALAB tolerance : 24 %

Troponin I WB (ng/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	iStat	4	75.0	0.0	25.0	6672.50	15.8	e*

D-dimer CR

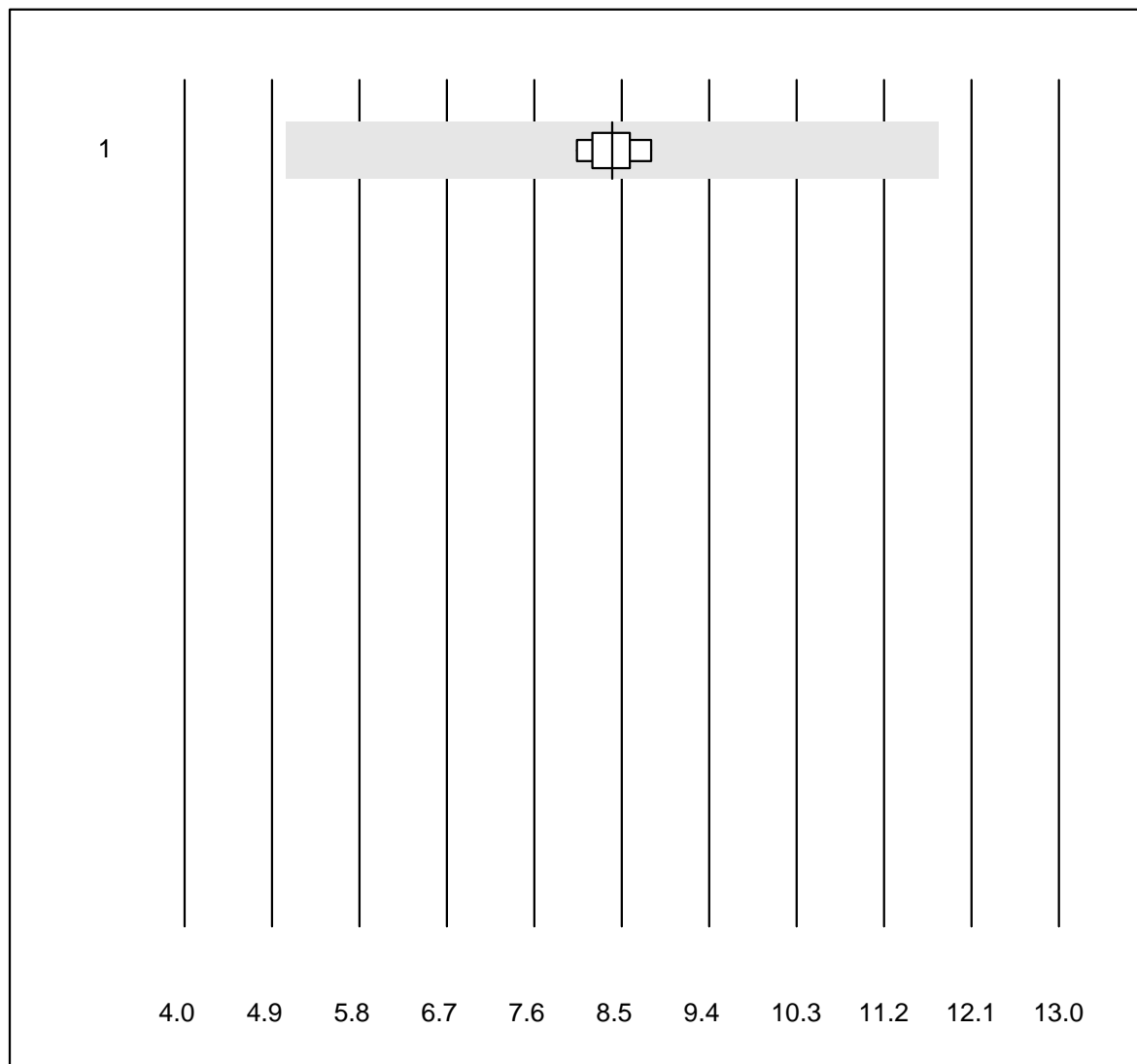


QUALAB tolerance : 21 %

D-dimer CR (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	874	96.5	1.9	1.6	0.23	8.9	e
2	Cardiac Reader	43	83.7	14.0	2.3	0.22	14.1	e

CKMB - K8

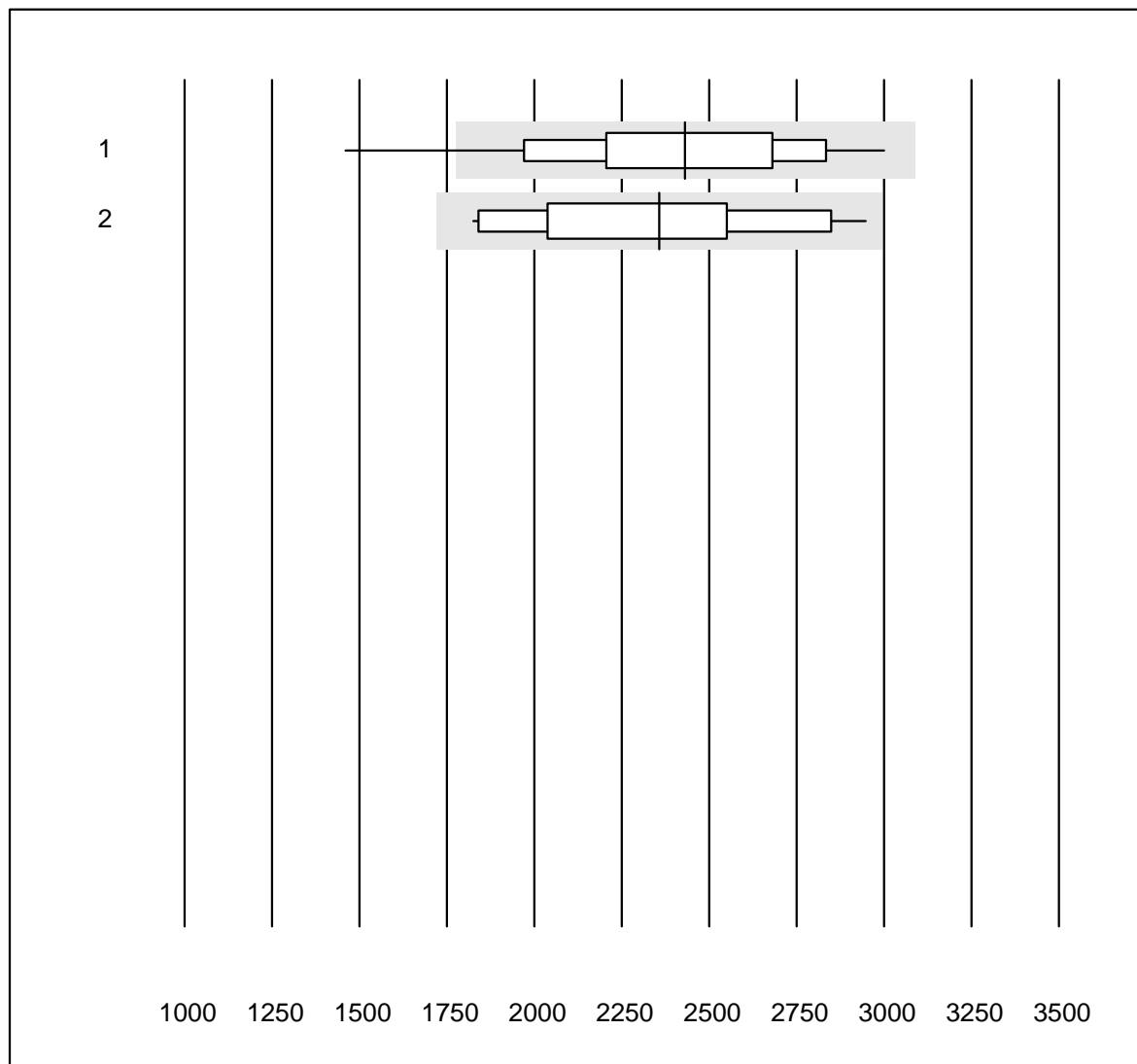


QUALAB tolerance : 40 %

CKMB - K8 (µg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Cobas h 232	9	100.0	0.0	0.0	8.4	3.2	e

proBNP CR

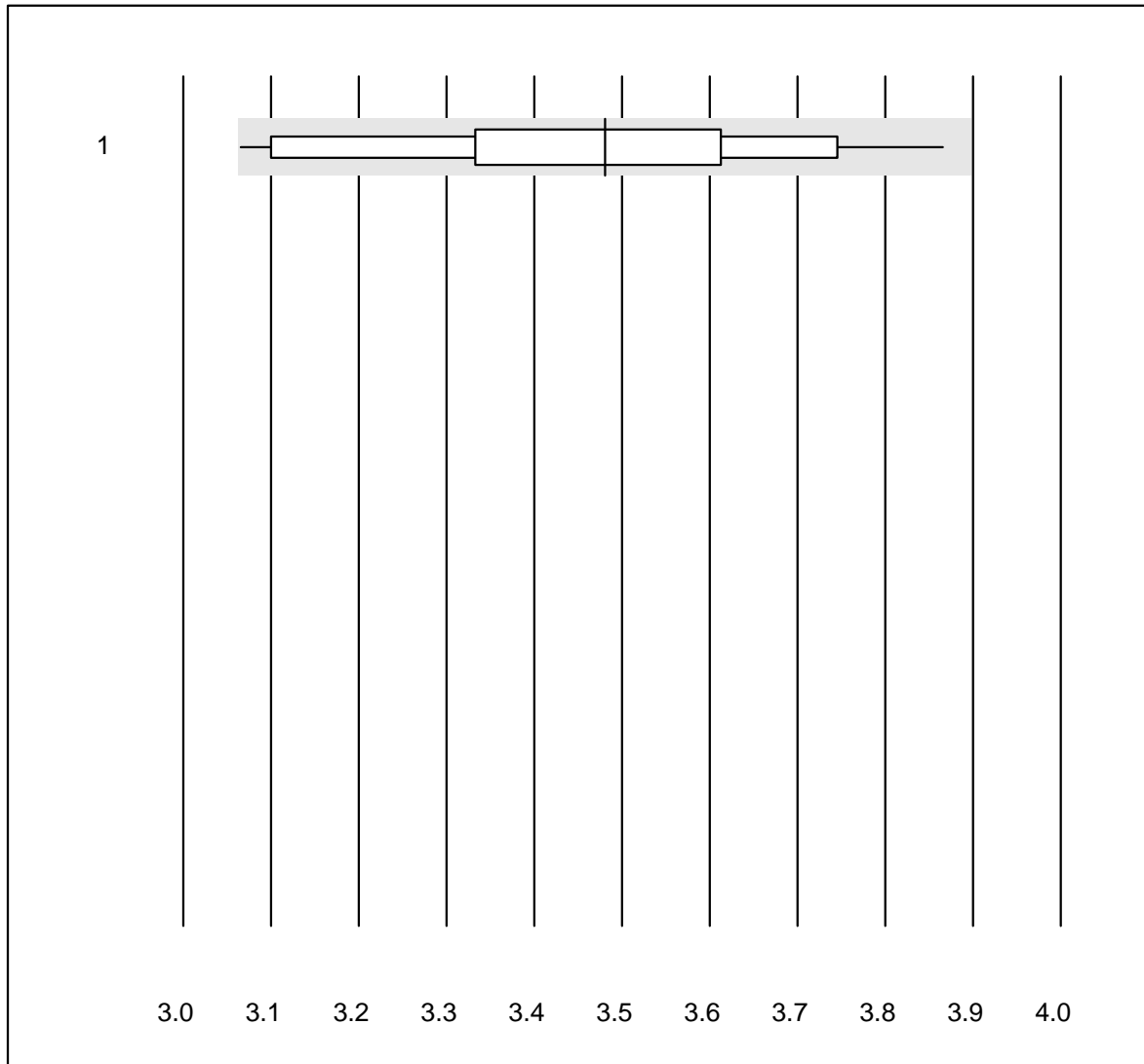


QUALAB tolerance : 27 %

proBNP CR (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	537	88.3	2.4	9.3	2432	13.4	e
2	Cardiac Reader	12	100.0	0.0	0.0	2358	15.1	e*

PCO2 CCA

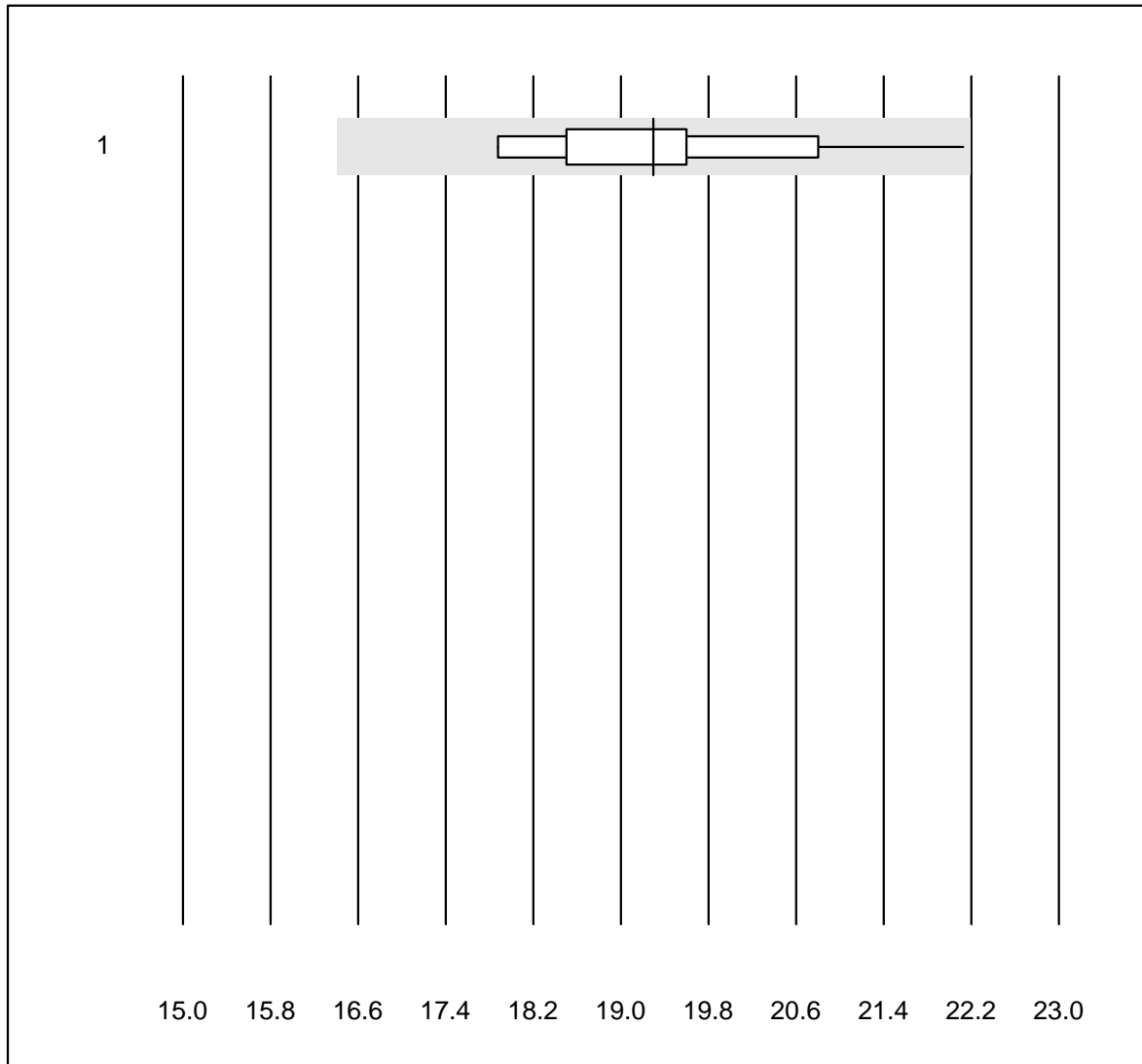


QUALAB tolerance : 12 %

PCO2 CCA (kPa)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 OPTI CCA	11	100.0	0.0	0.0	3.48	7.1	e*

PO2 CCA

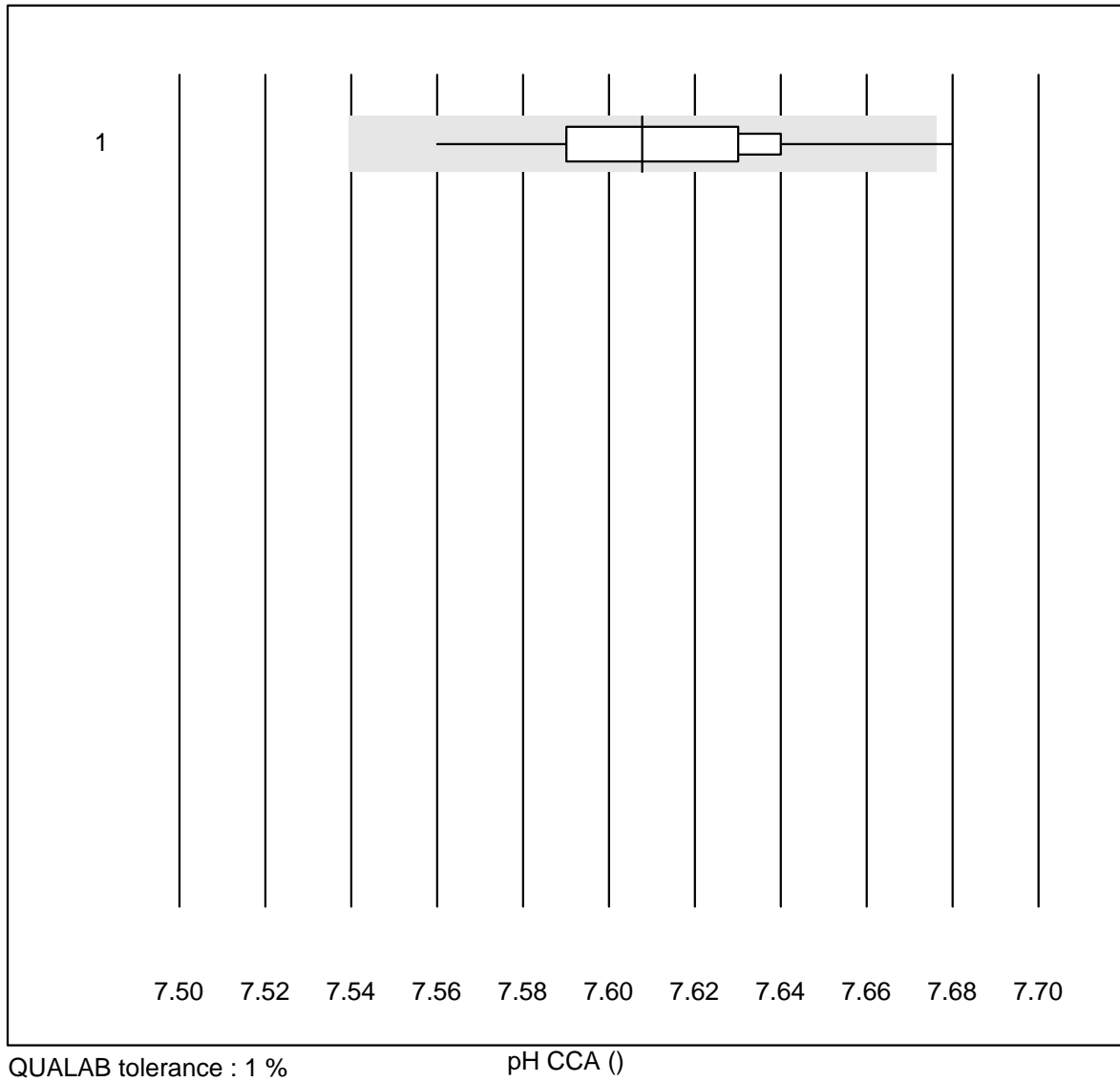


QUALAB tolerance : 15 %

PO2 CCA (kPa)

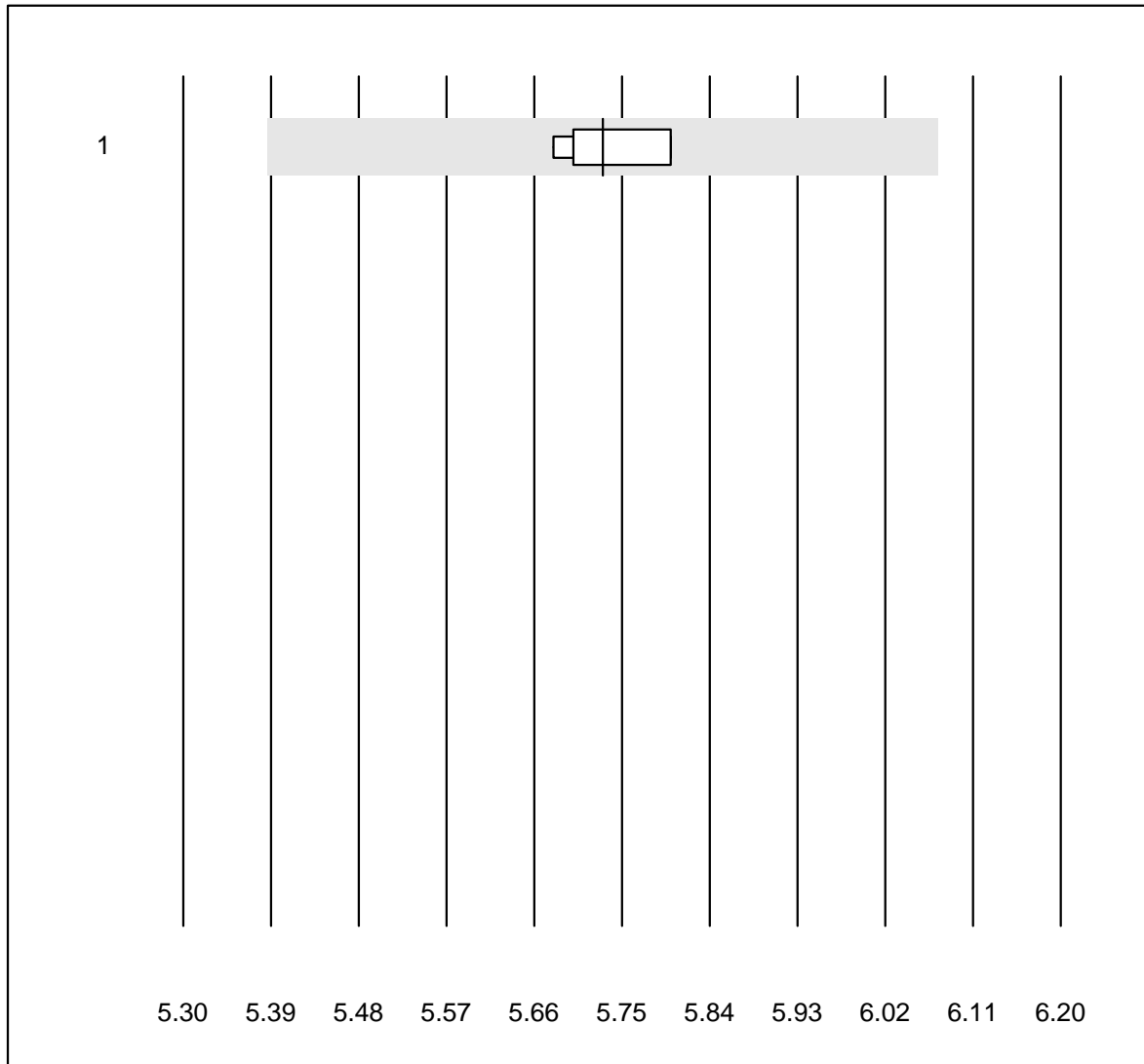
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 OPTI CCA	11	90.9	0.0	9.1	19.30	6.8	e*

pH CCA



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 OPTI CCA	11	90.9	9.1	0.0	7.61	0.4	e*

Potassium CCA

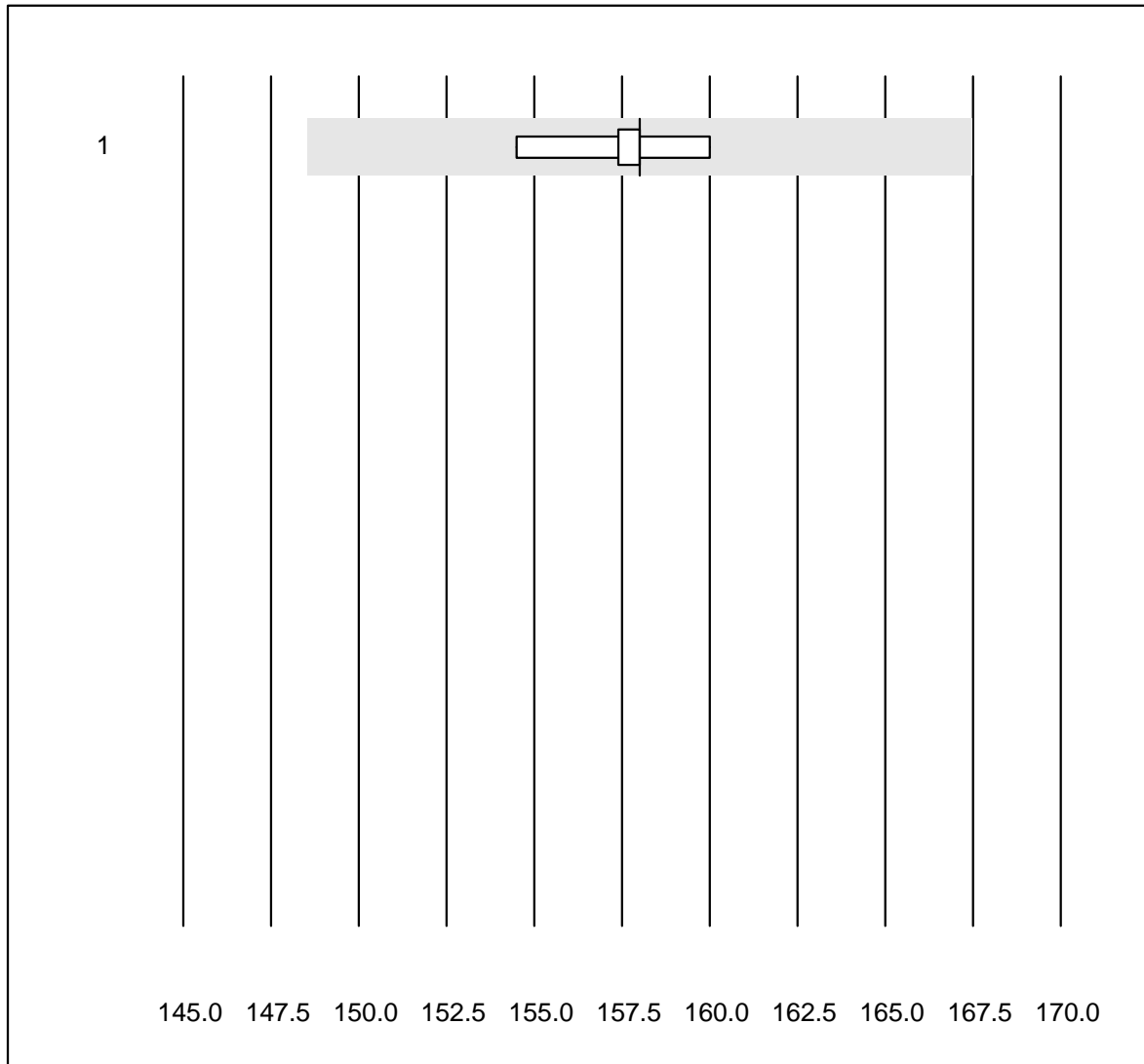


QUALAB tolerance : 6 %

Potassium CCA (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	OPTI CCA	6	100.0	0.0	0.0	5.7	0.9	e

Sodium CCA

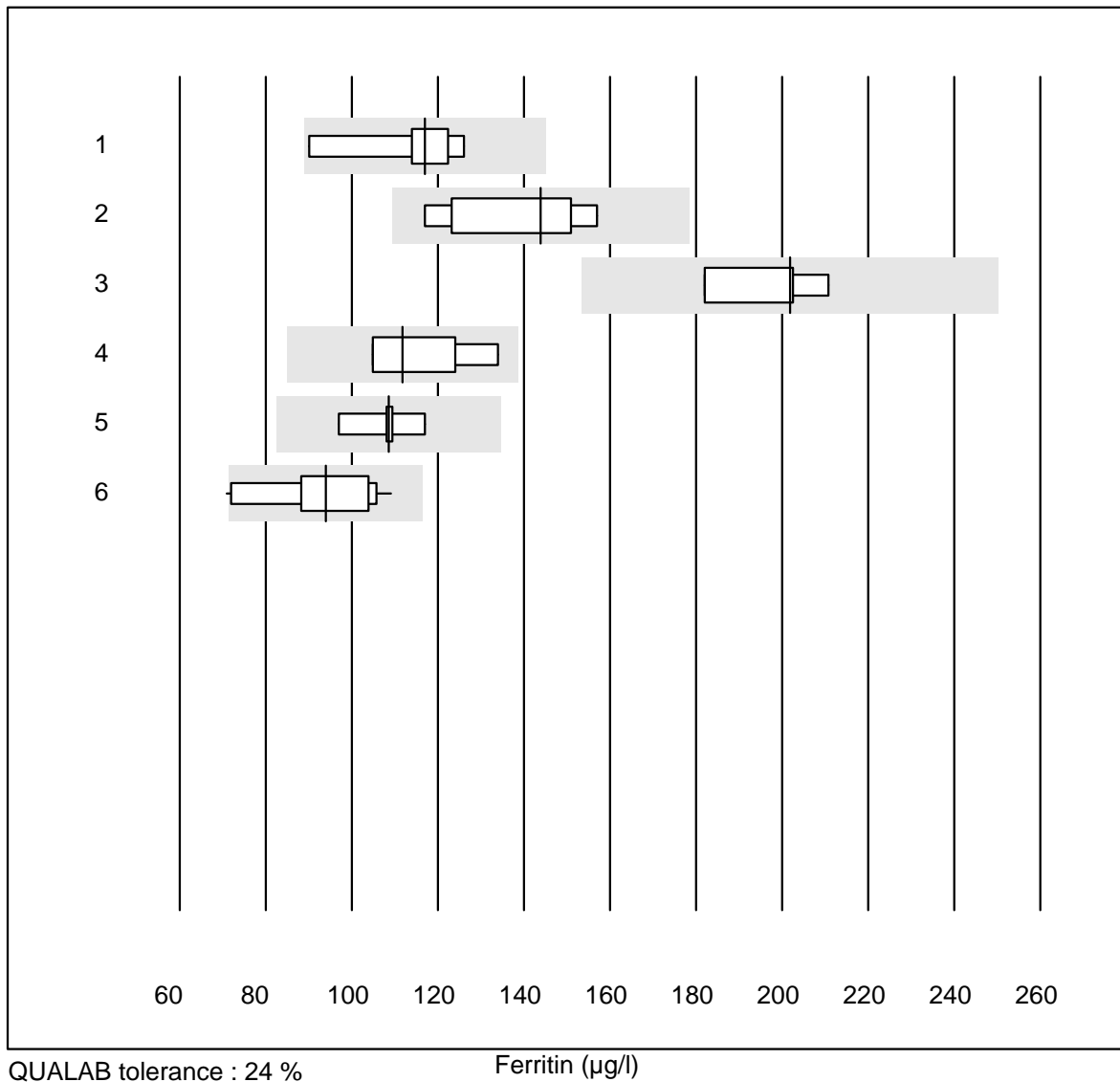


QUALAB tolerance : 6 %

Sodium CCA (mmol/l)

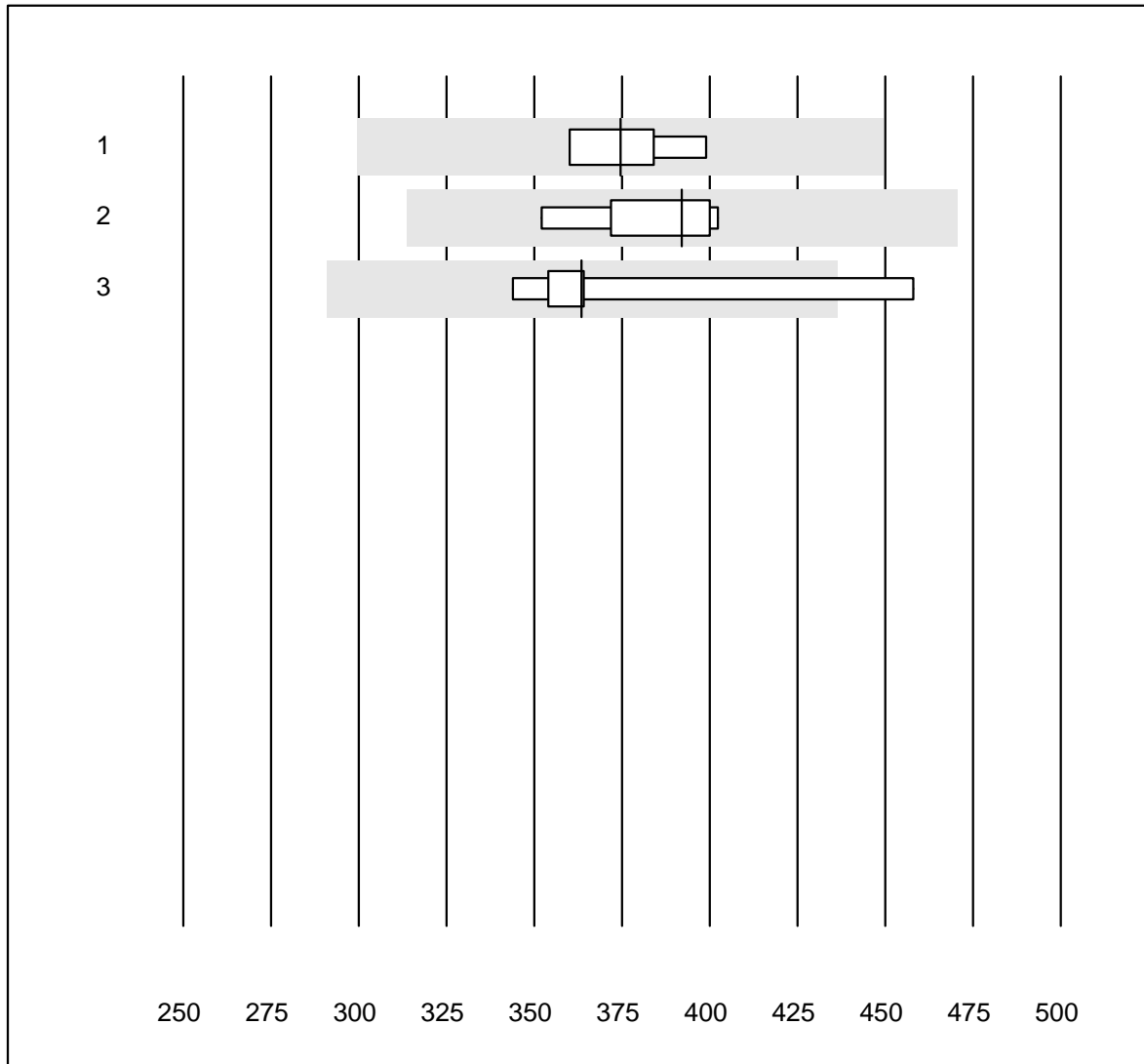
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	OPTI CCA	5	100.0	0.0	0.0	158.0	1.3	e

Ferritin



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Beckman	5	100.0	0.0	0.0	117.00	12.4	e*
2	Cobas E / Elecsys	9	100.0	0.0	0.0	143.90	11.9	e*
3	Architect	4	100.0	0.0	0.0	201.88	6.1	e*
4	Mira/DiaSys	5	80.0	0.0	20.0	111.80	10.9	e*
5	Mini Vidas	5	100.0	0.0	0.0	108.51	6.6	e*
6	Eurolyser	16	87.4	6.3	6.3	93.90	11.8	e*

Vitamin B12

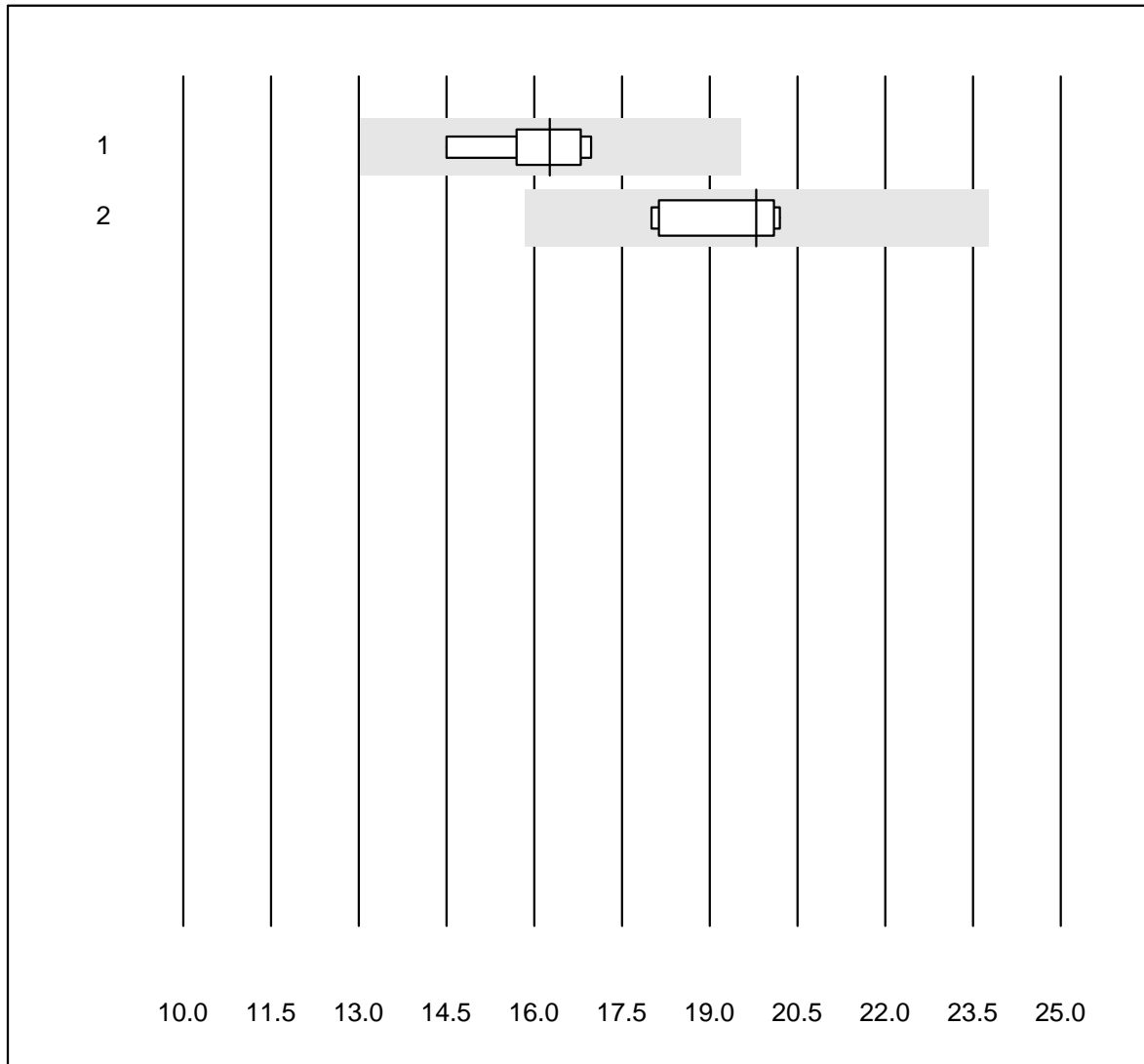


QUALAB tolerance : 20 %

Vitamin B12 (pmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	374.50	4.8	e
2	Cobas E / Elecsys	7	100.0	0.0	0.0	392.00	4.6	e
3	Architect	6	83.3	16.7	0.0	363.55	11.1	e*

Folate

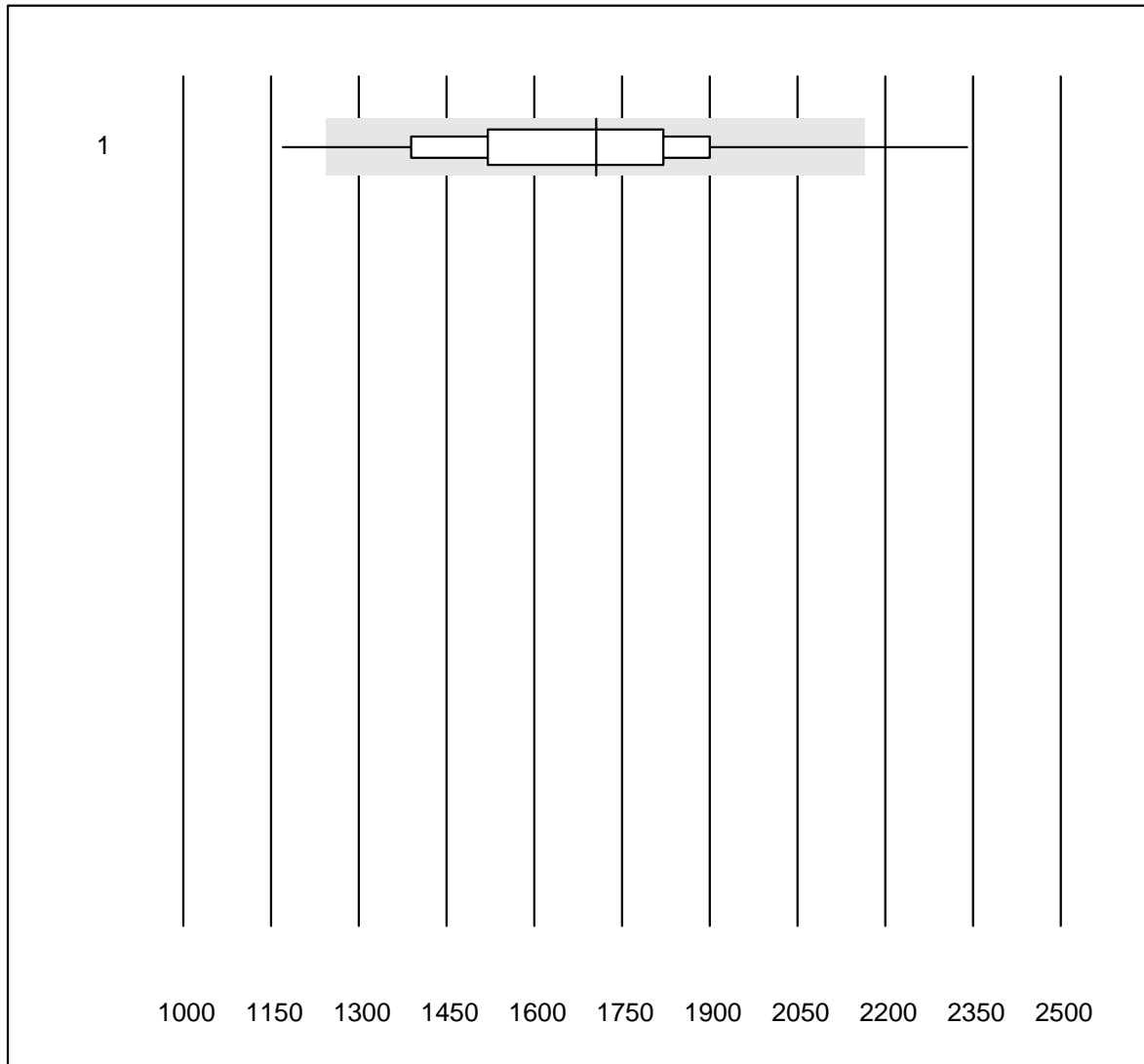


QUALAB tolerance : 20 %

Folate (nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	7	100.0	0.0	0.0	16.27	5.3	e
2	Architect	5	100.0	0.0	0.0	19.80	5.7	e*

BNP

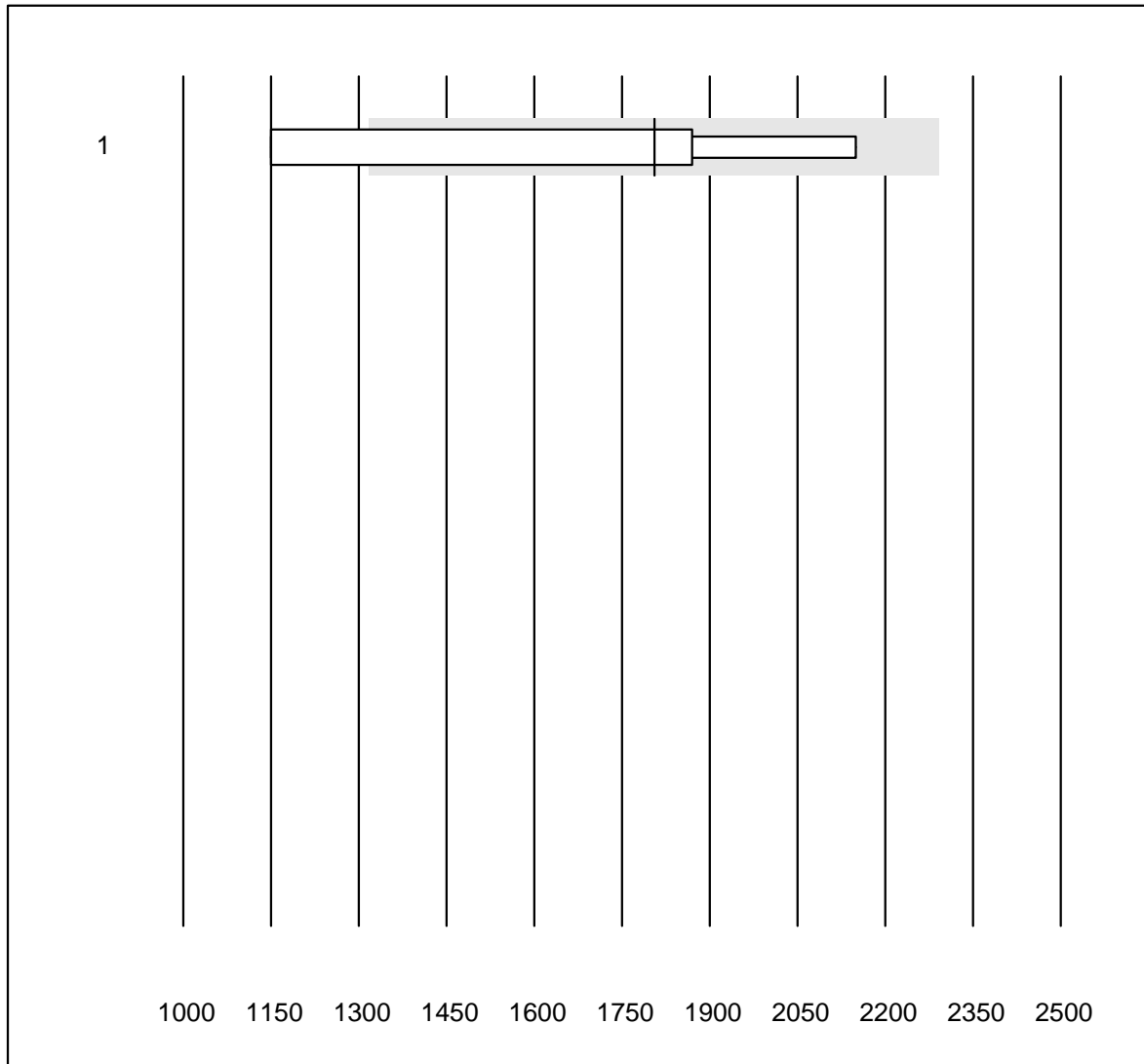


QUALAB tolerance : 27 %

BNP (ng/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Triage	43	88.3	4.7	7.0	1705.6	13.6	e

NT-Pro-BNP



QUALAB tolerance : 27 %

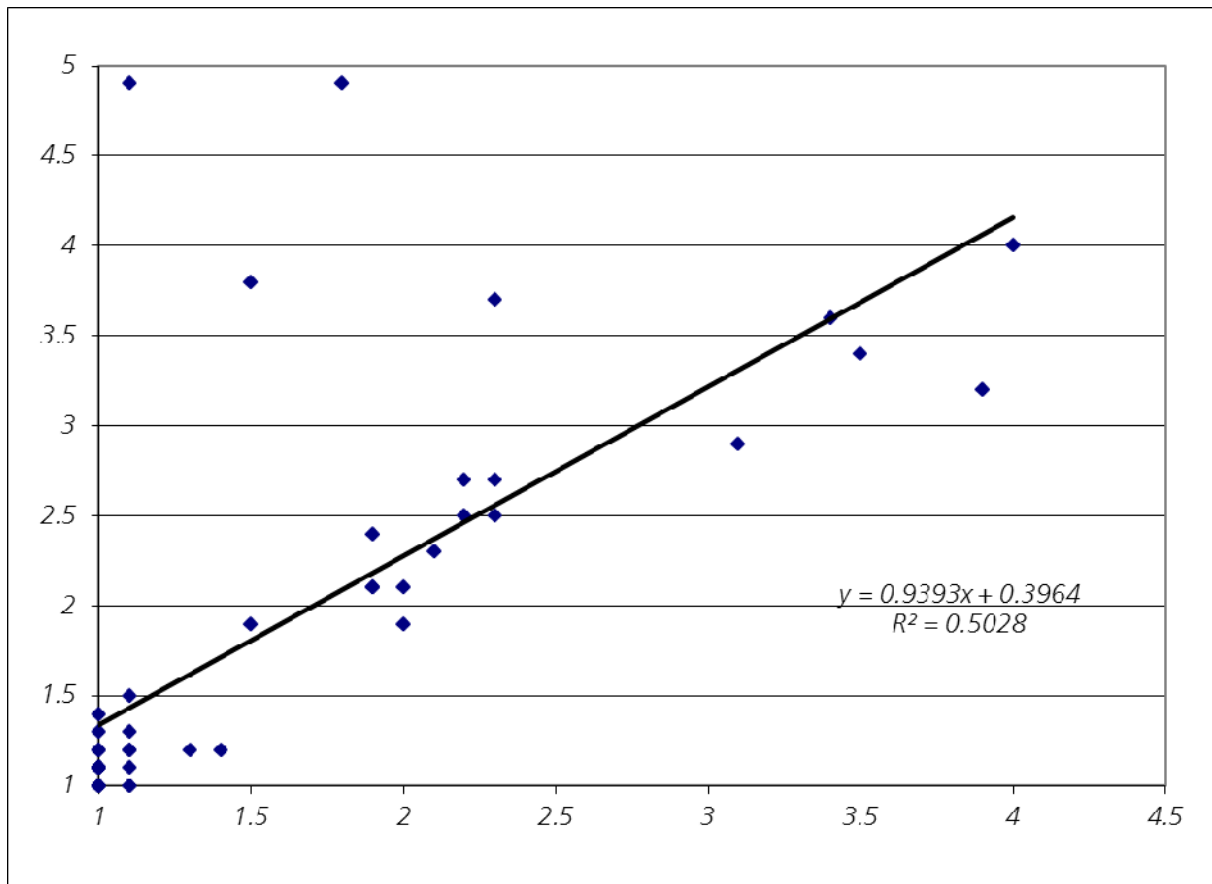
NT-Pro-BNP (ng/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Triage	6	50.0	16.7	33.3	1805	24.4	e*

G10 INR INRatio

INR INRatio

University Hospital Zuerich

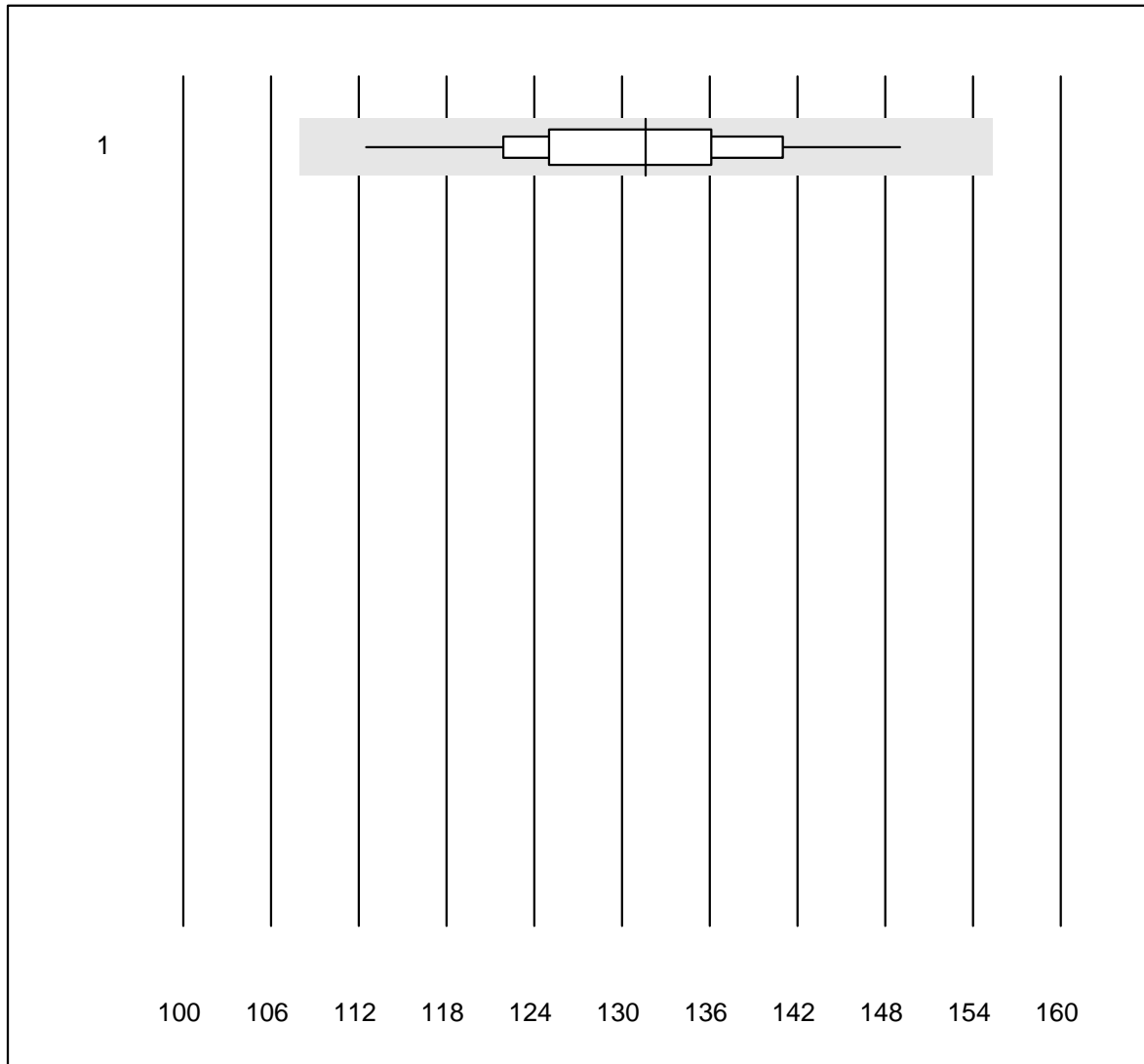


INRatio Participants

G10 is a split-sample survey. We compare INR-values from our participants with the corresponding plasma INR from University Hospital Zuerich.

Nr.	Device	Total	% good	% insufficient	% outlier
1	INRatio	51	74.51	11.76	13.73

Bilirubin total Neo

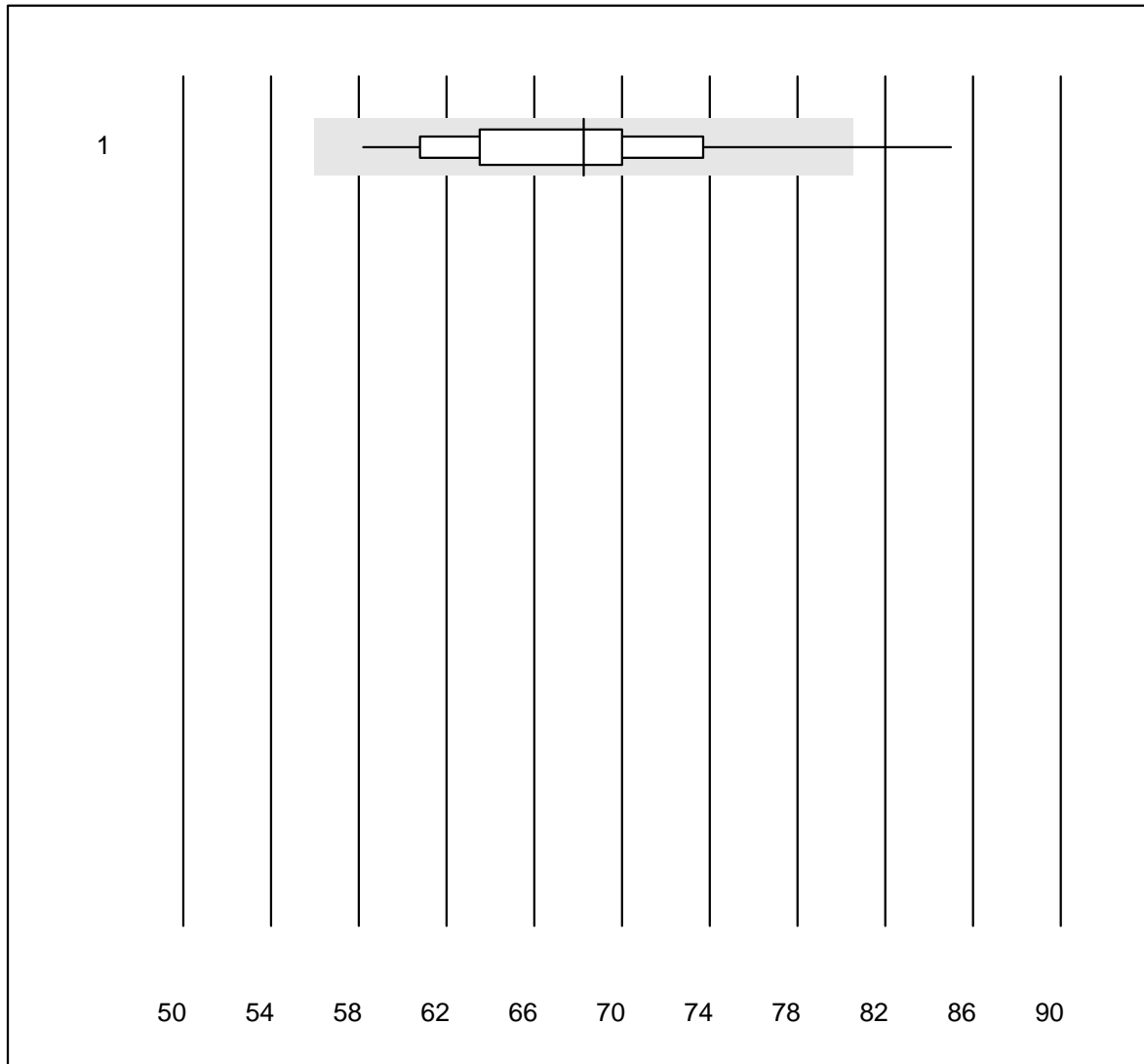


QUALAB tolerance : 18 %

Bilirubin total Neo (µmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	14	100.0	0.0	0.0	132	6.7	e

Bilirubin direct

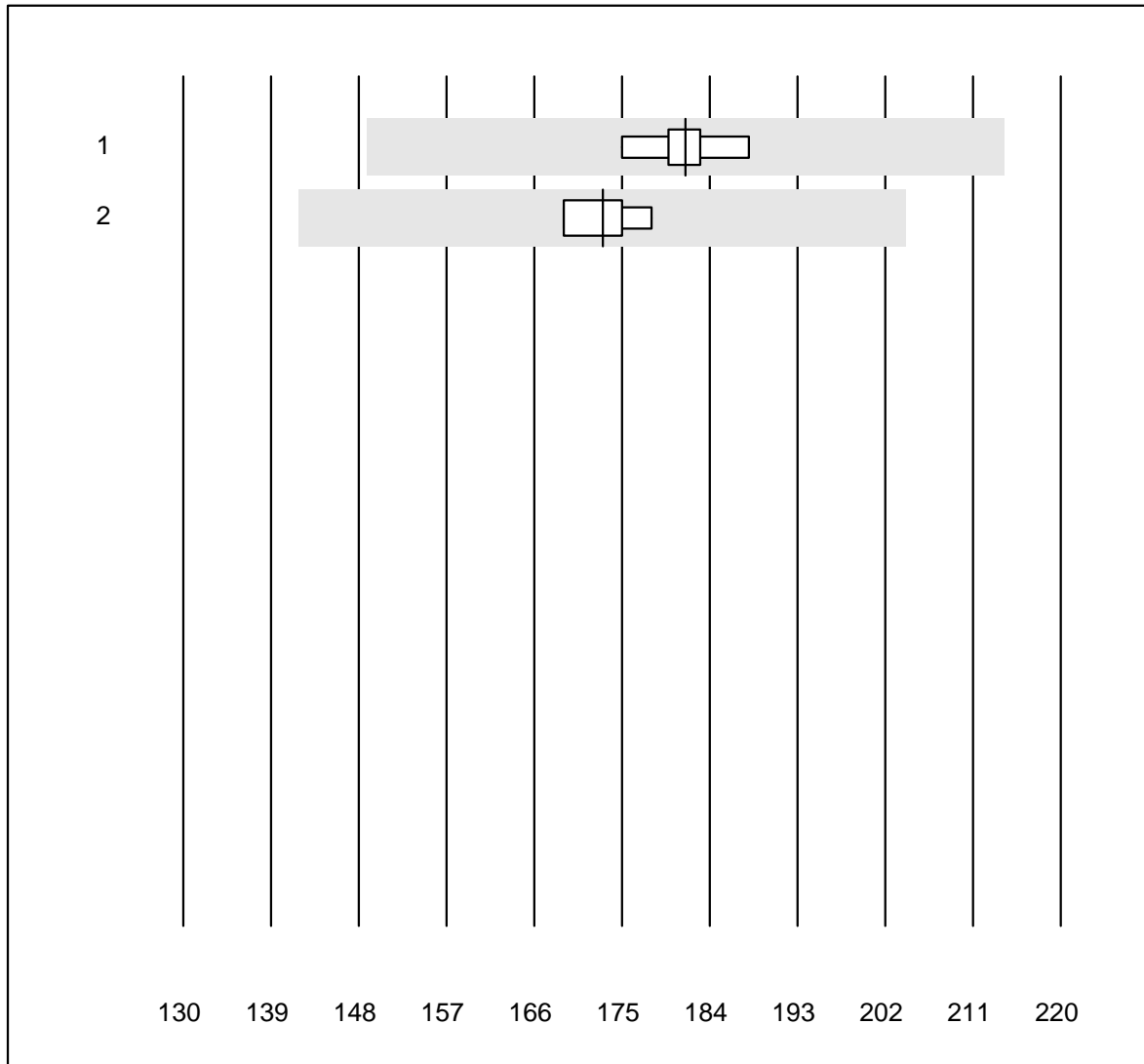


QUALAB tolerance : 18 %

Bilirubin direct (µmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	12	91.7	8.3	0.0	68	10.3	e*

Bilirubin neonatal

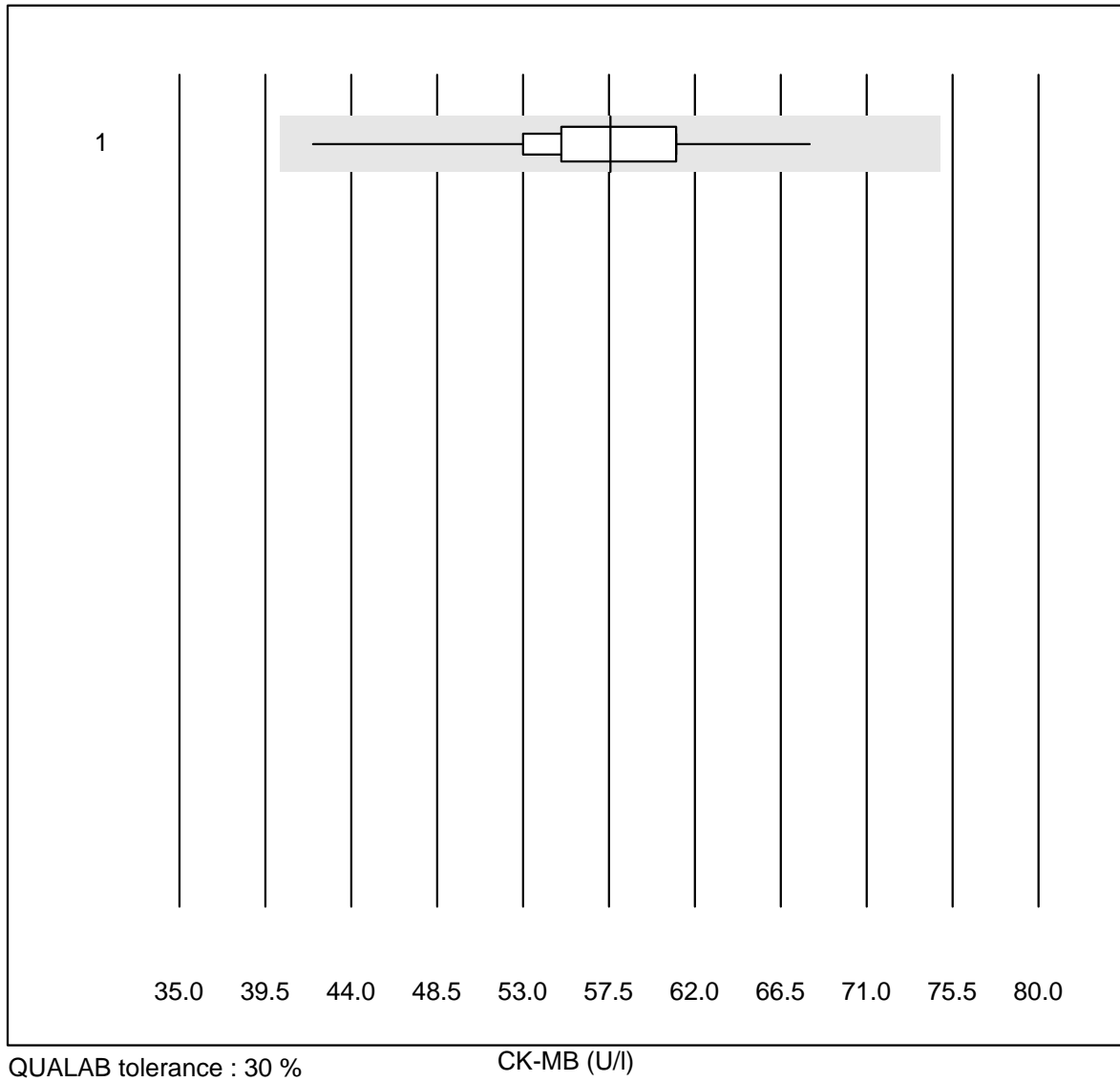


QUALAB tolerance : 18 %

Bilirubin neonatal (µmol/l)

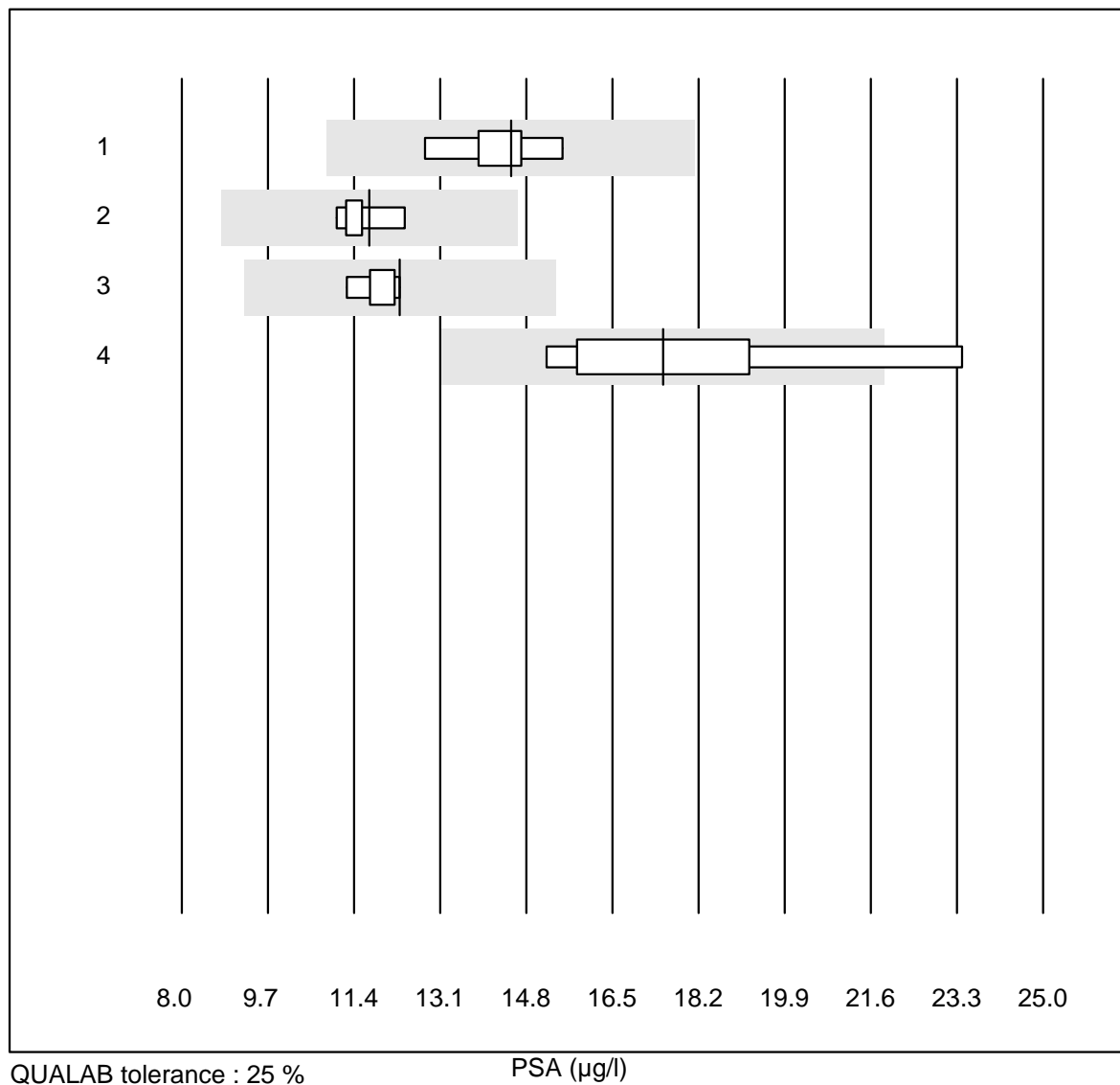
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	100.0	0.0	0.0	182	2.3	e
2	ABL700/800	4	100.0	0.0	0.0	173	2.3	e

CK-MB



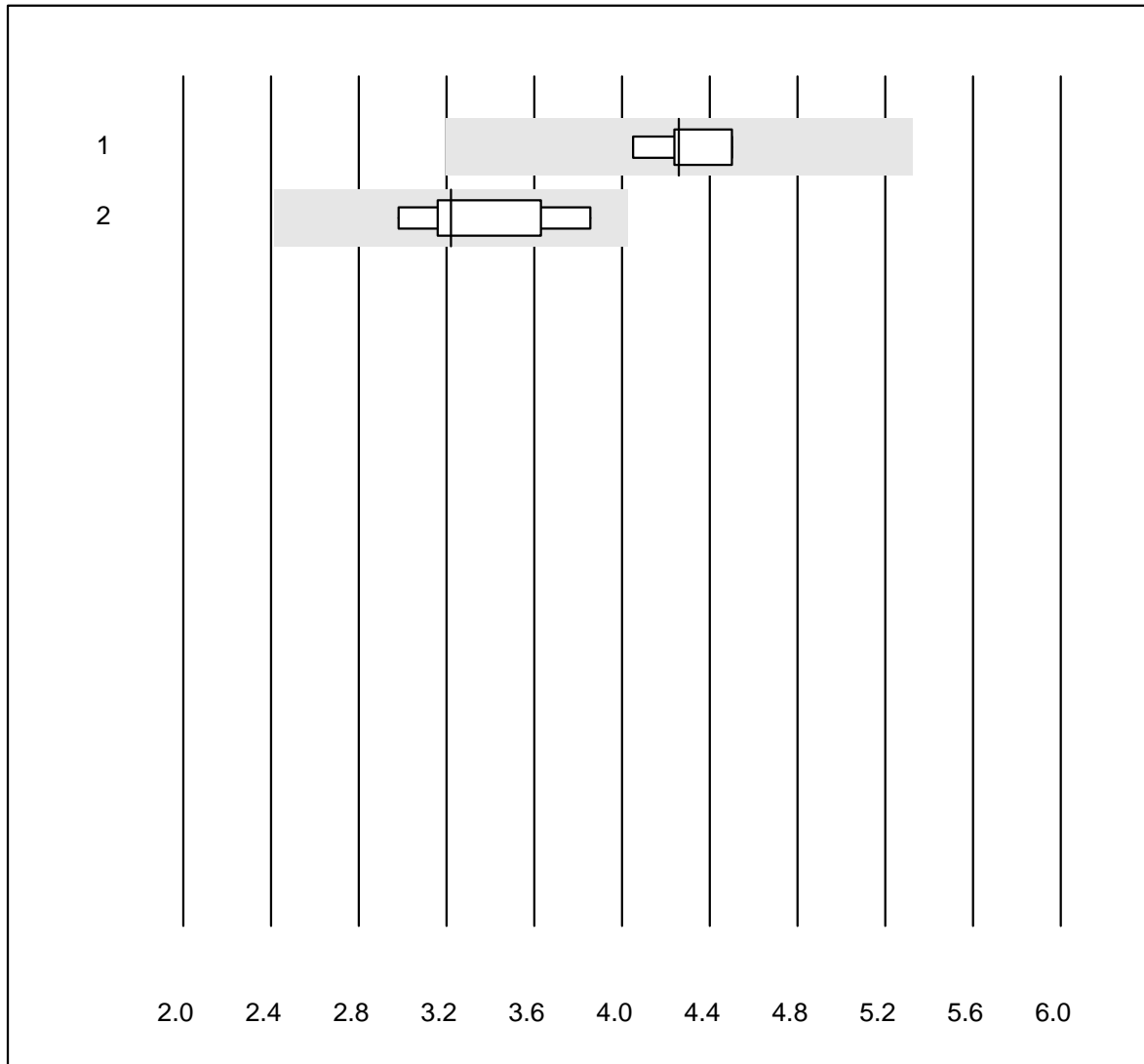
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Fuji Dri-Chem	39	92.3	0.0	7.7	57.6	7.7	e

PSA



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	9	100.0	0.0	0.0	14.50	5.6	a
2	ADVIA Centaur XP/CP	5	100.0	0.0	0.0	11.70	4.5	a
3	Architect	6	100.0	0.0	0.0	12.30	3.3	a
4	Qualigen	5	80.0	20.0	0.0	17.50	18.1	e*

free PSA

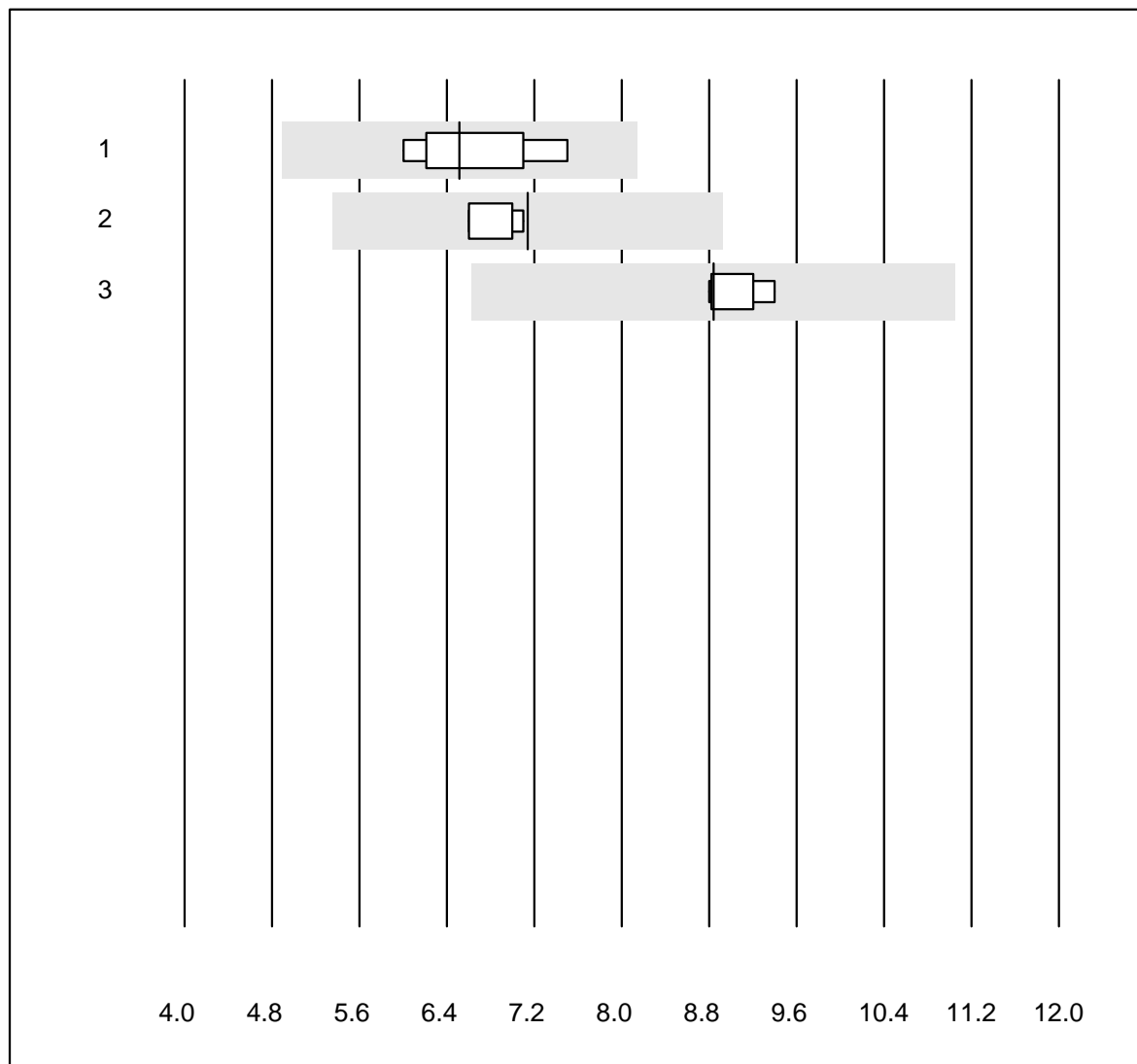


QUALAB tolerance : 25 %

free PSA (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	4.26	4.5	a
2	Architect	5	100.0	0.0	0.0	3.22	10.7	a

CEA

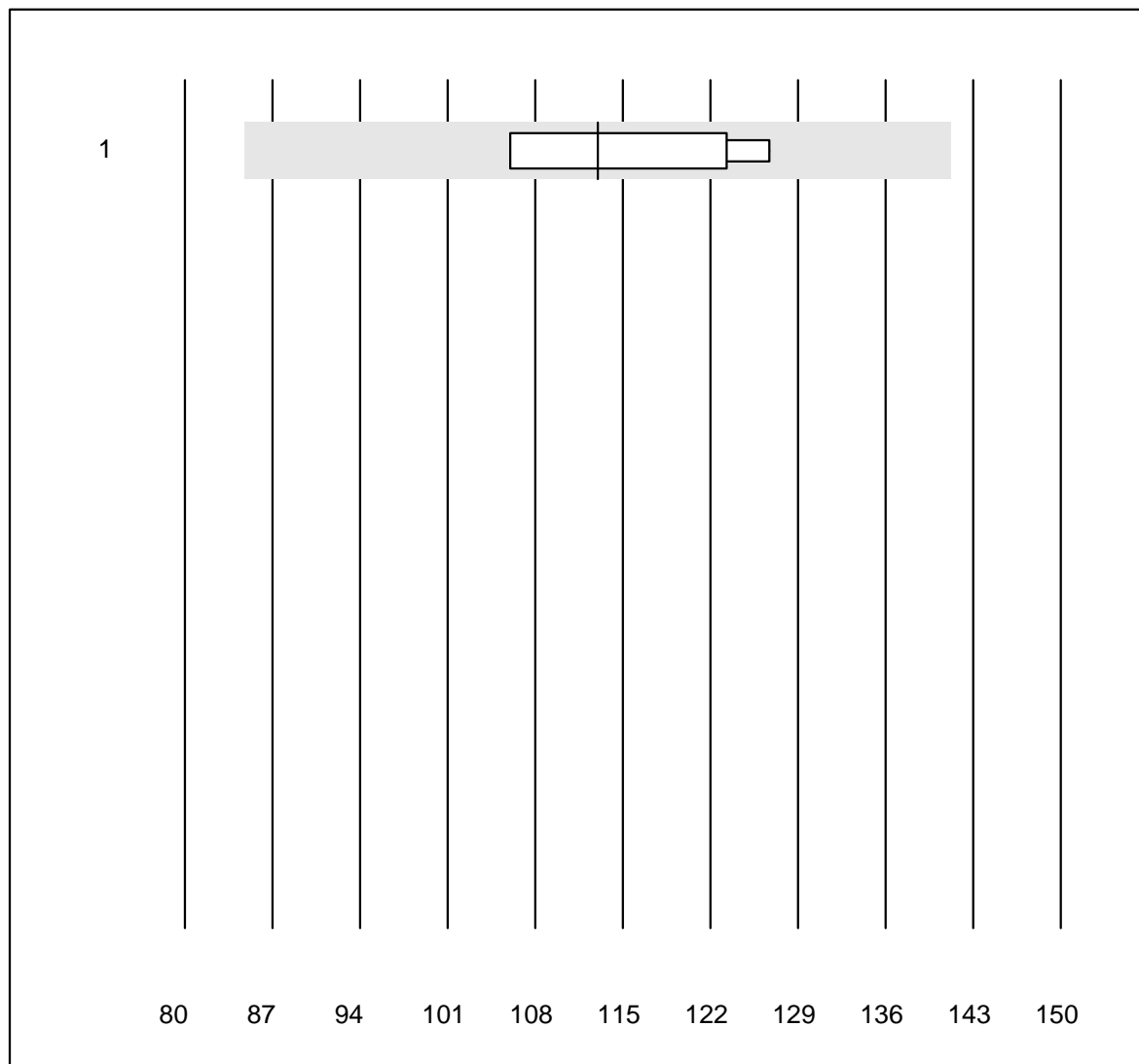


QUALAB tolerance : 25 %

CEA (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	6.5	8.6	a
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	7.1	3.2	a
3	Architect	5	100.0	0.0	0.0	8.8	2.8	a

CA 125

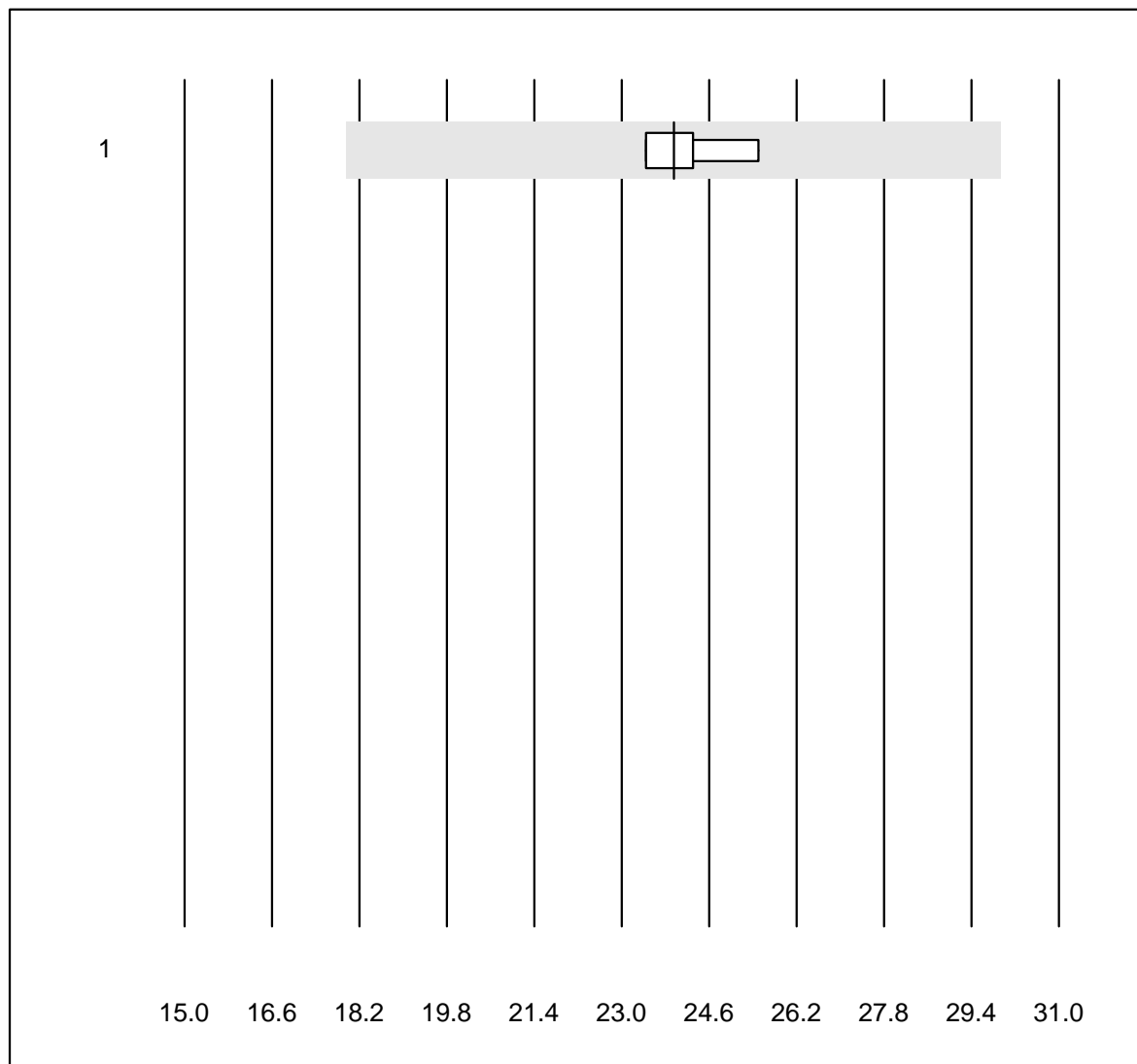


QUALAB tolerance : 25 %

CA 125 (kIU/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	113.0	7.6	a

CA 15-3

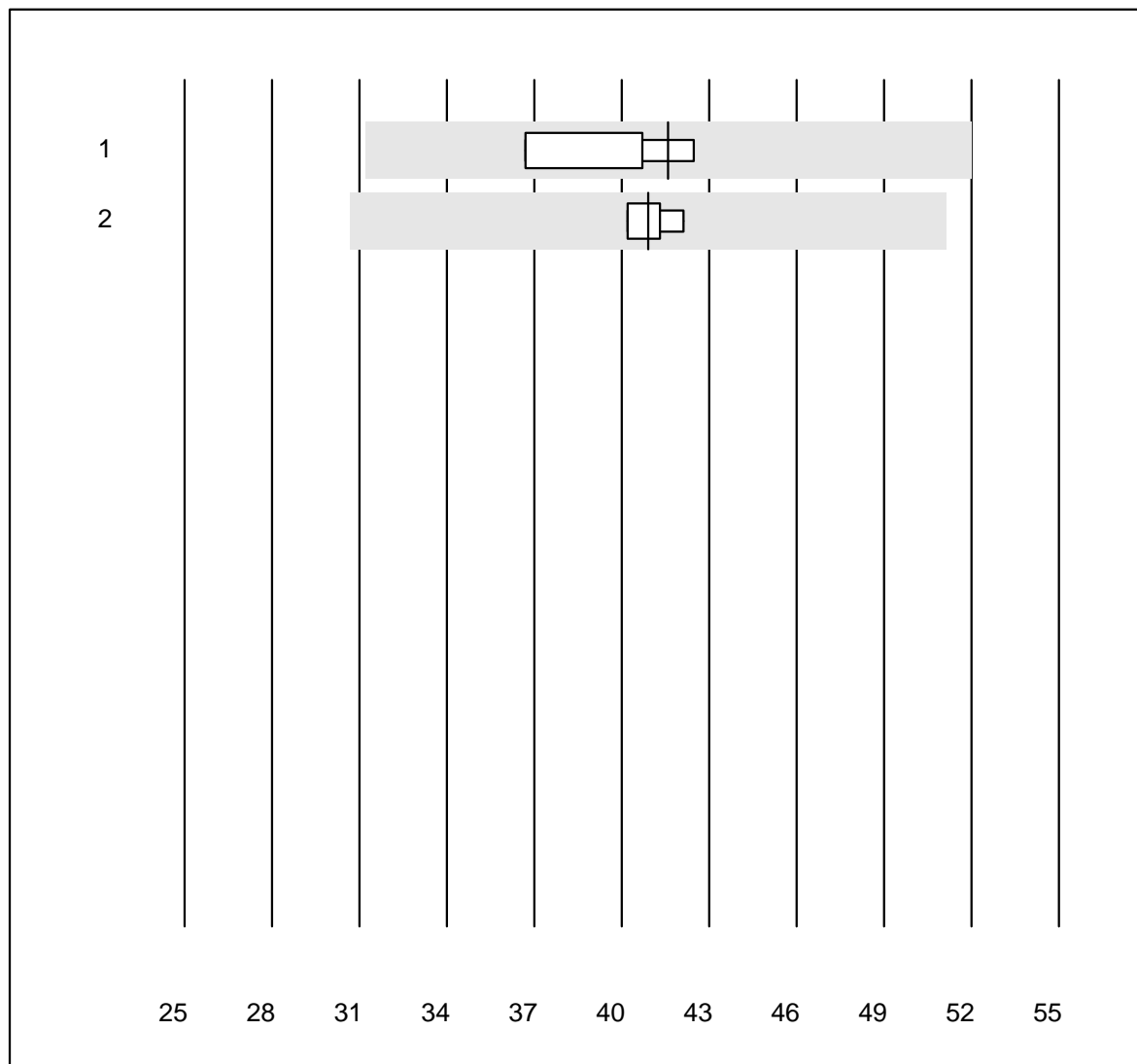


QUALAB tolerance : 25 %

CA 15-3 (kIU/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Architect	4	100.0	0.0	0.0	24.0	3.9	e

AFP

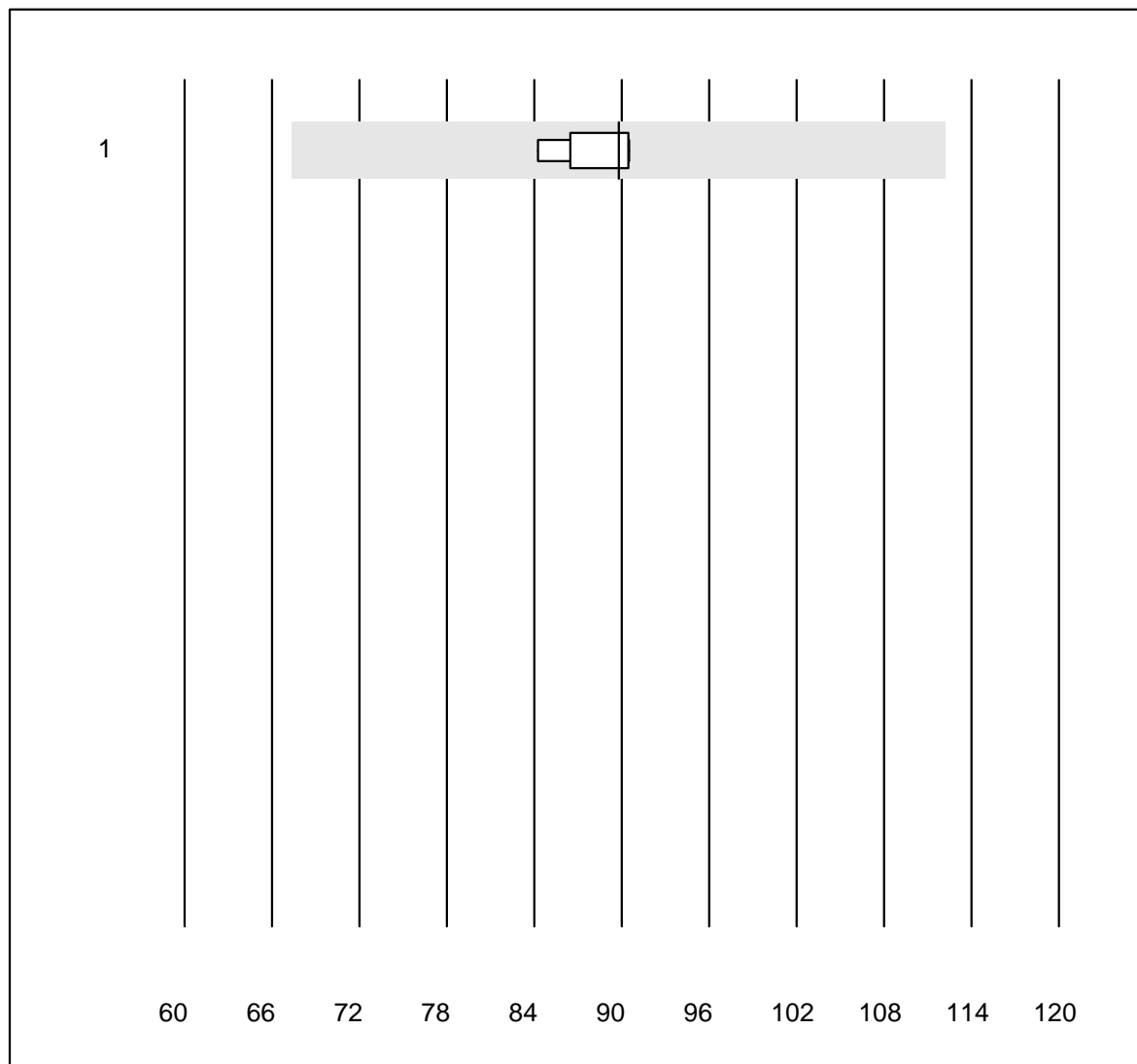


QUALAB tolerance : 25 %

AFP (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	42	6.2	a
2	Architect	4	100.0	0.0	0.0	41	2.1	e

HCG qn

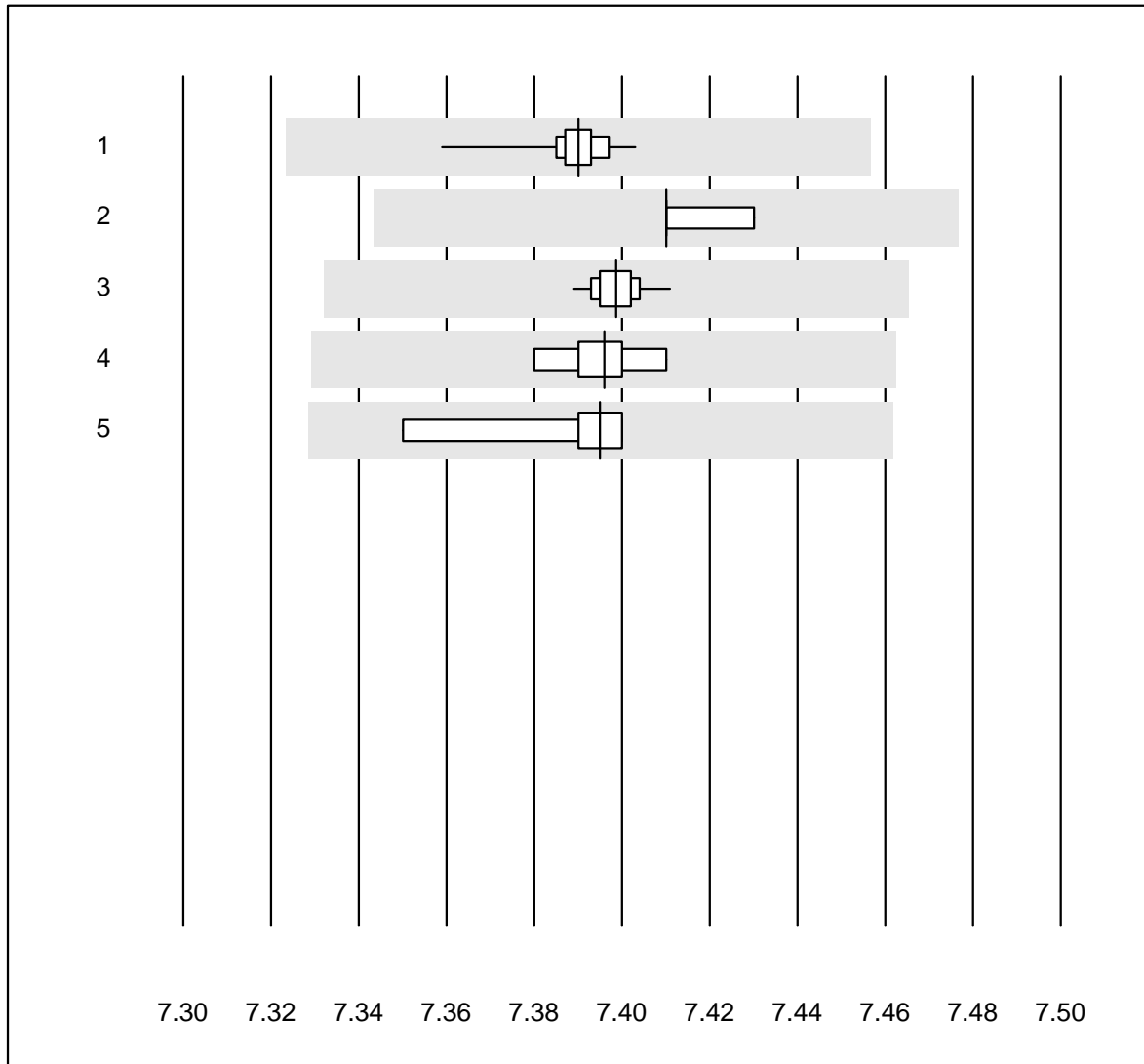


QUALAB tolerance : 25 %

HCG qn (U/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	90	3.2	a

pH OR

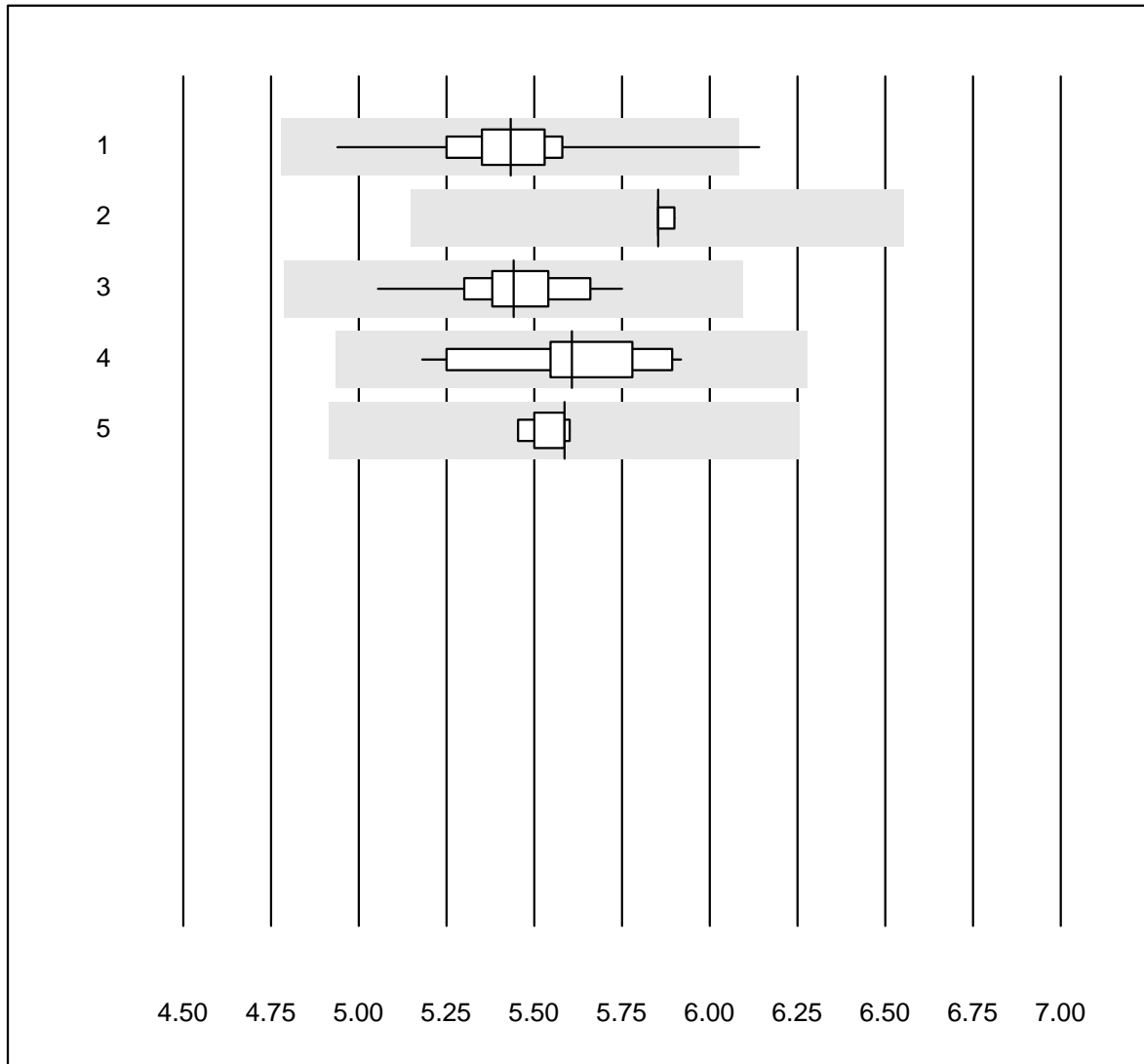


QUALAB tolerance : 1 %

pH OR ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	88	100.0	0.0	0.0	7.39	0.1	e
2	Radiometer NPT-7	4	100.0	0.0	0.0	7.41	0.1	e
3	ABL 90	27	100.0	0.0	0.0	7.40	0.1	e
4	ABL 80 / Coox	17	100.0	0.0	0.0	7.40	0.1	e
5	ABL 5	6	100.0	0.0	0.0	7.40	0.3	e

pCO2 OR

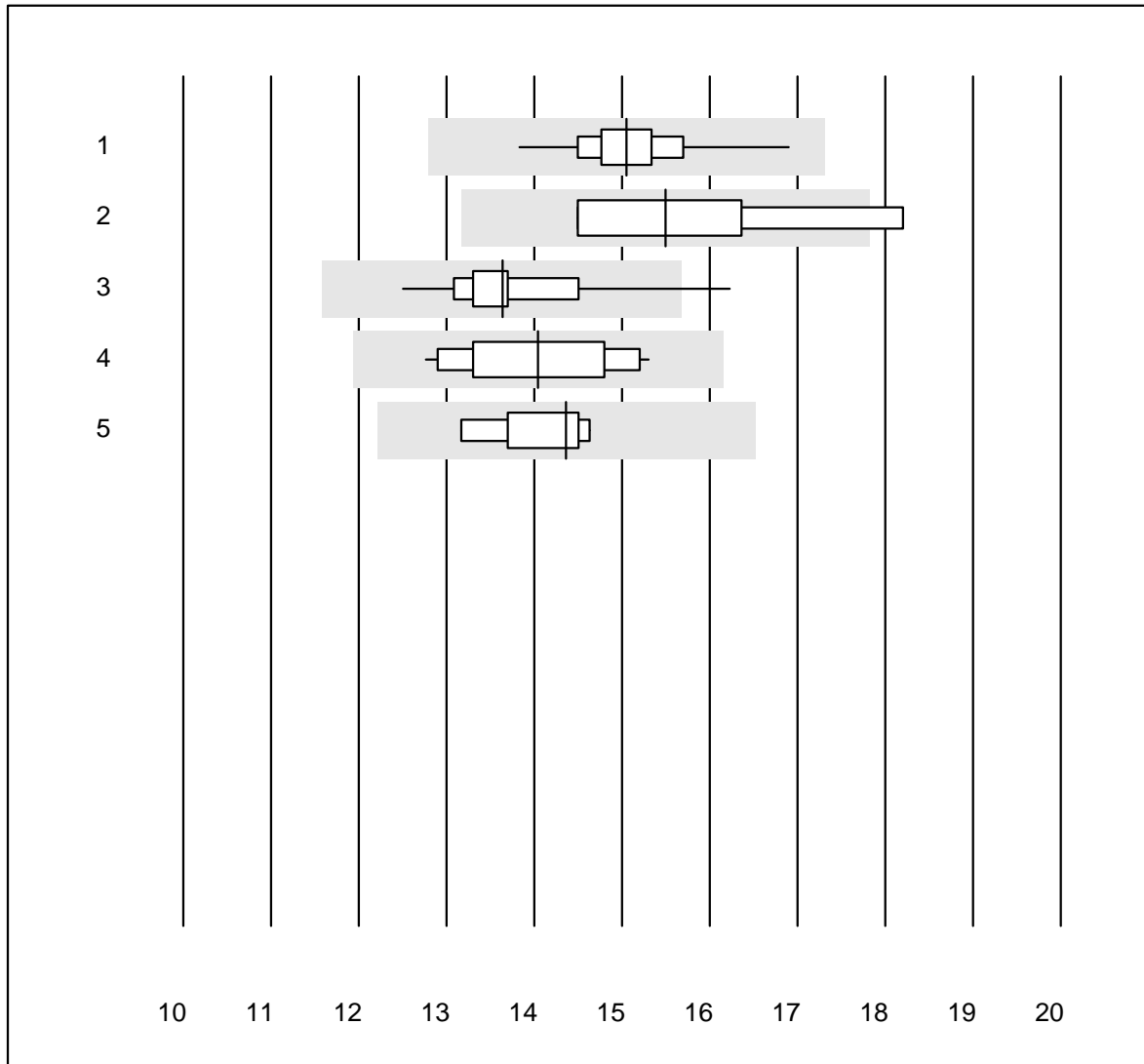


QUALAB tolerance : 12 %

pCO2 OR (kPa)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	86	98.8	1.2	0.0	5.43	3.0	e
2	Radiometer NPT-7	4	100.0	0.0	0.0	5.85	0.4	e
3	ABL 90	27	100.0	0.0	0.0	5.44	2.8	e
4	ABL 80 / Coox	17	100.0	0.0	0.0	5.61	4.1	e
5	ABL 5	6	100.0	0.0	0.0	5.59	1.1	e

pO2 OR

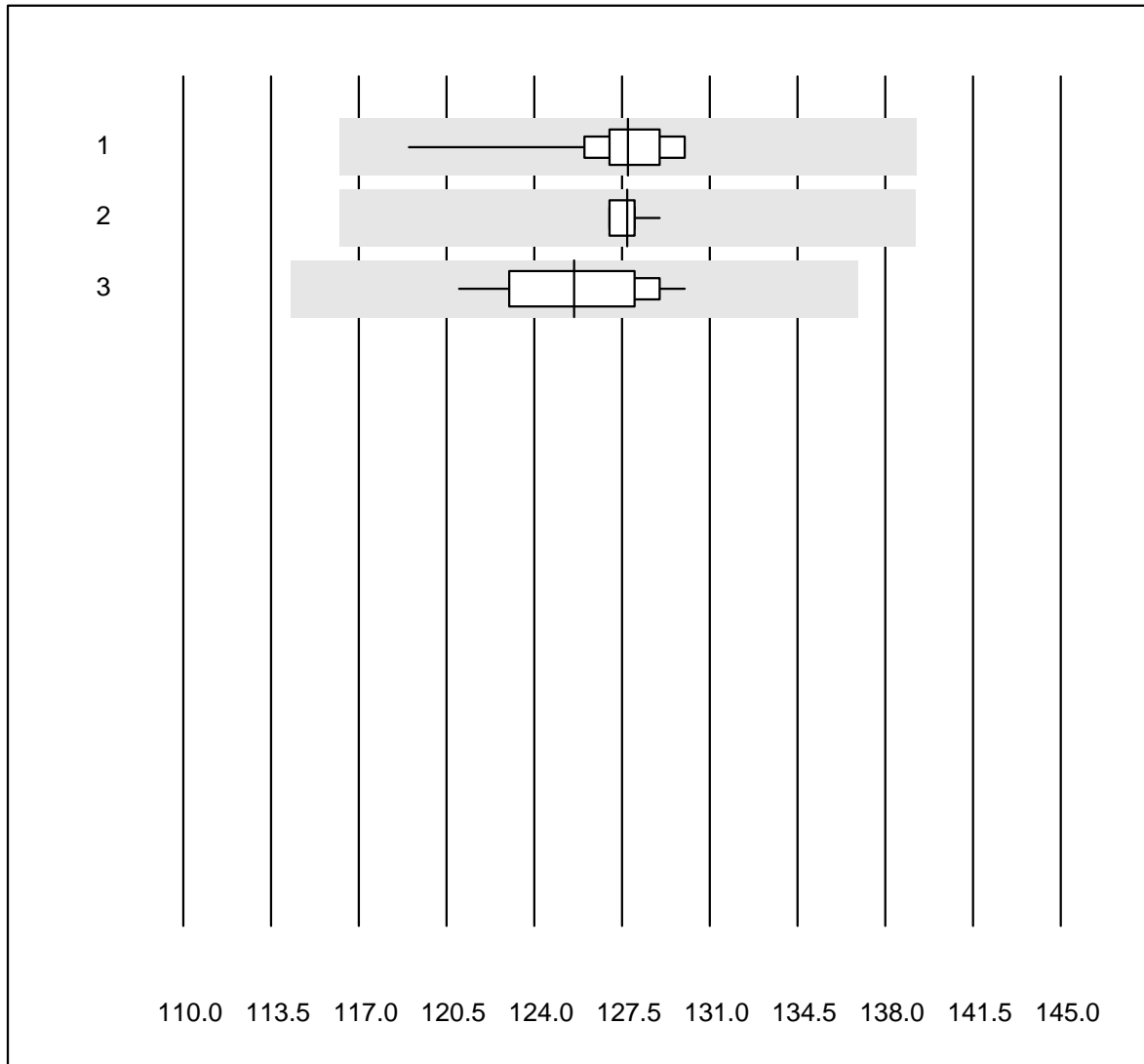


QUALAB tolerance : 15 %

pO2 OR (kPa)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	86	98.8	0.0	1.2	15.05	3.5	e
2	Radiometer NPT-7	4	75.0	25.0	0.0	15.49	10.9	e*
3	ABL 90	27	88.9	3.7	7.4	13.64	5.3	e
4	ABL 80 / Coox	17	94.1	0.0	5.9	14.04	6.4	e
5	ABL 5	6	100.0	0.0	0.0	14.37	4.1	e

ctHb OR

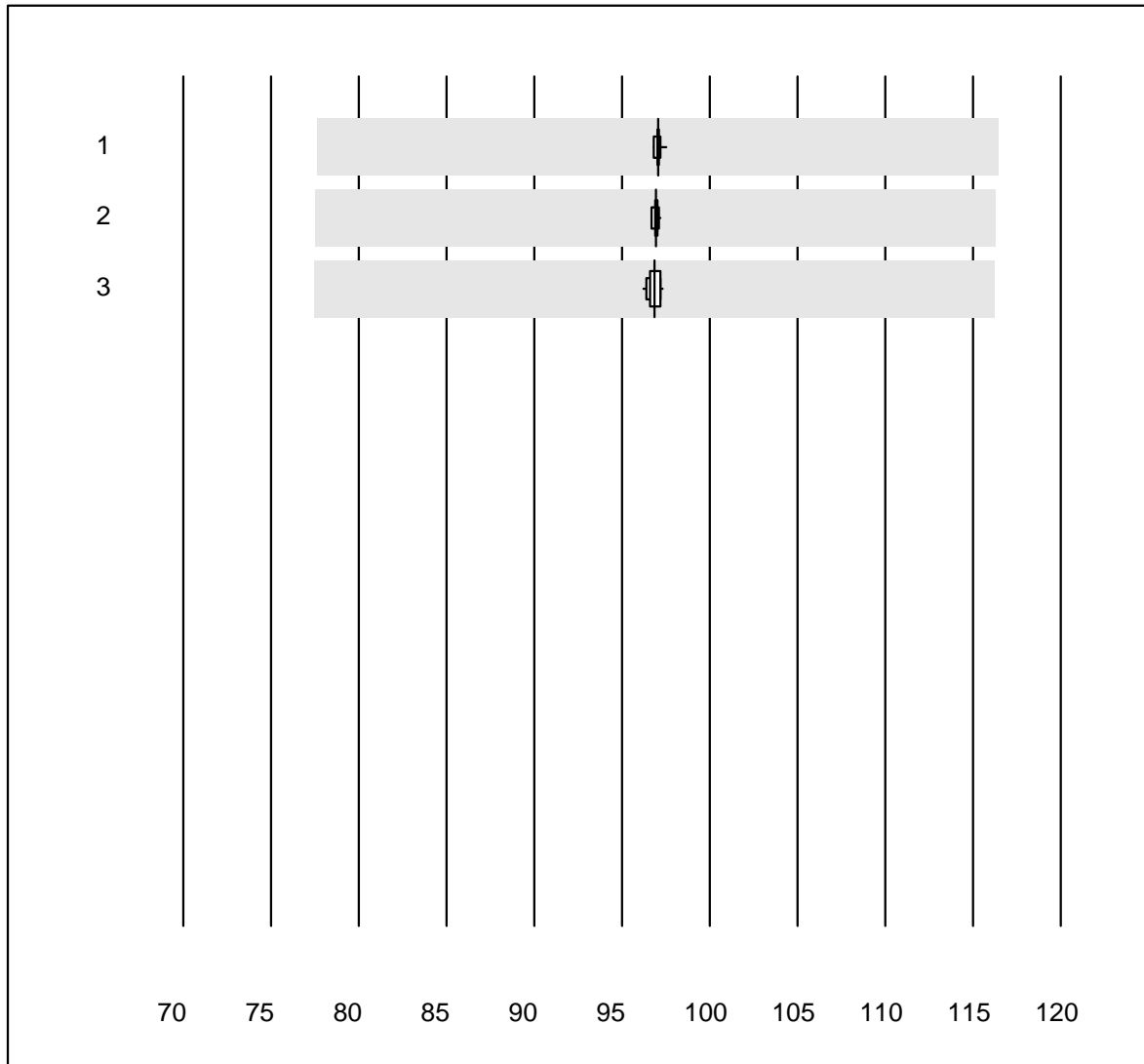


QUALAB tolerance : 9 %

ctHb OR (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	76	92.1	0.0	7.9	127.7	1.8	e
2	ABL 90	27	92.6	0.0	7.4	127.7	0.5	e
3	ABL 80 / Coox	12	91.7	0.0	8.3	125.6	2.2	e

sO2 OR

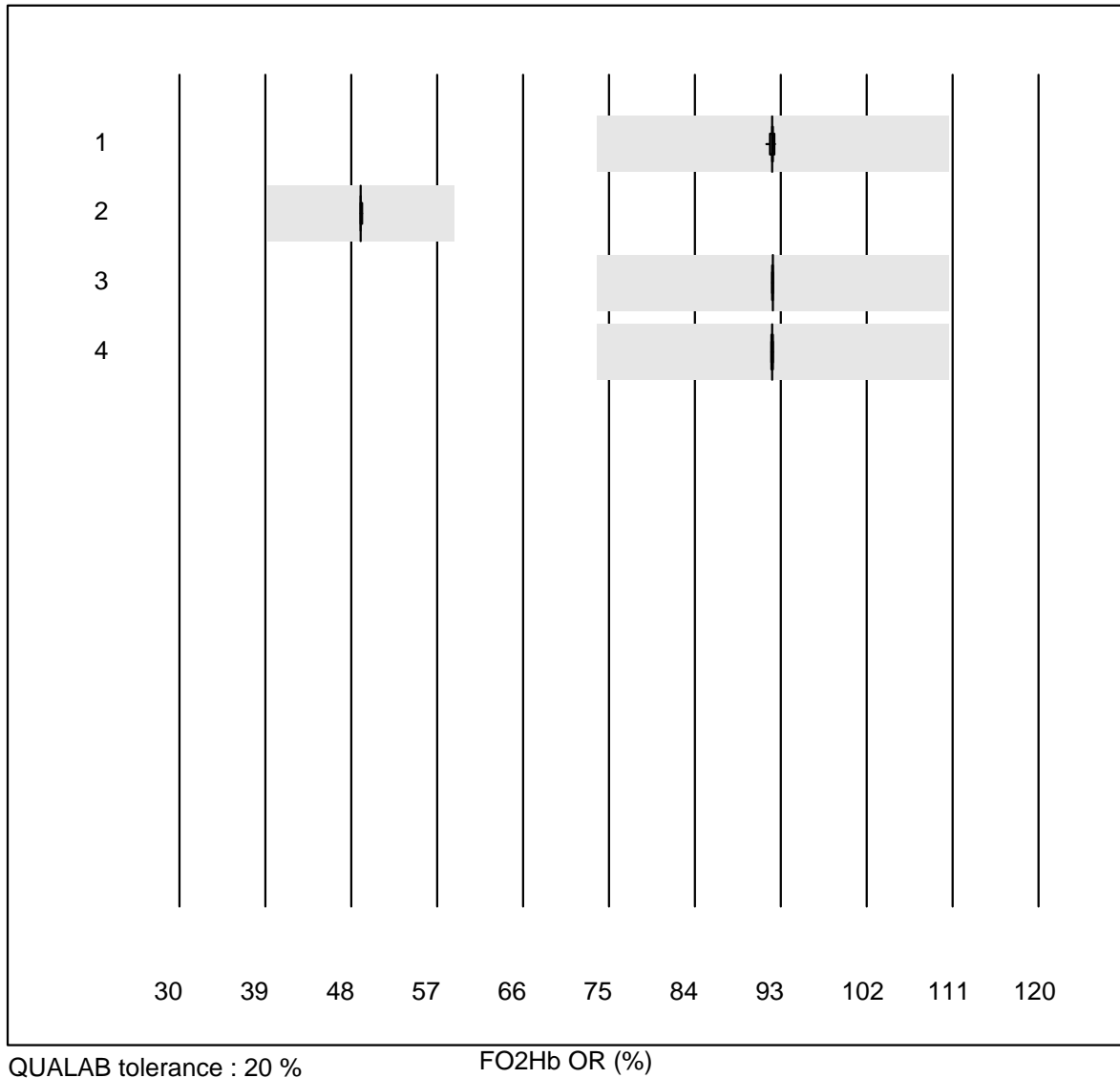


QUALAB tolerance : 20 %

sO2 OR (%)

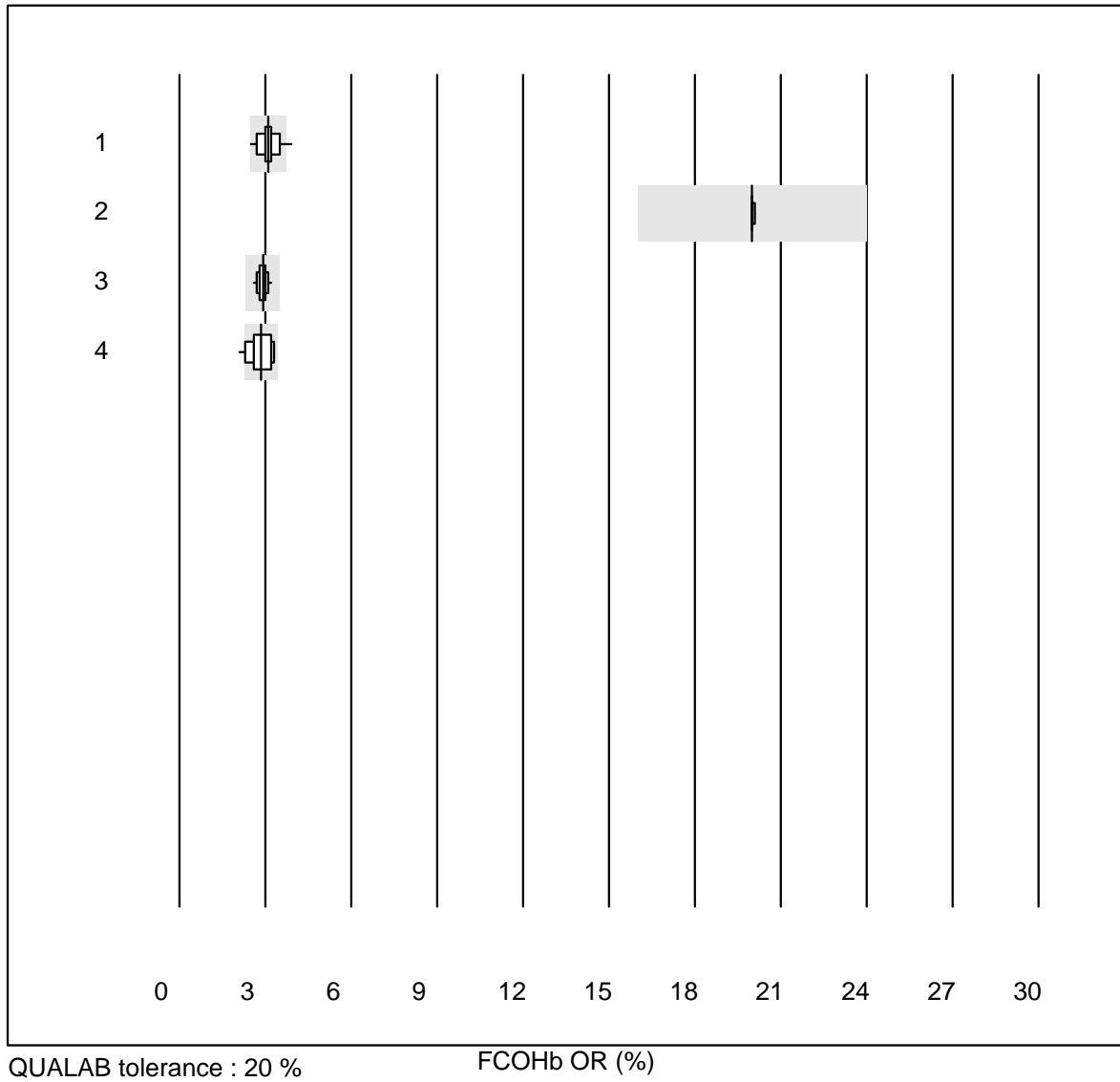
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	62	98.4	0.0	1.6	97.043	0.2	e
2	ABL 90	25	100.0	0.0	0.0	96.924	0.1	e
3	ABL 80 / Coox	11	100.0	0.0	0.0	96.836	0.4	e

FO2Hb OR



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	57	100.0	0.0	0.0	92.118	0.2	e
2	Radiometer NPT-7	4	100.0	0.0	0.0	49.000	0.1	e
3	ABL 90	25	100.0	0.0	0.0	92.160	0.1	e
4	ABL 80 / Coox	12	100.0	0.0	0.0	92.117	0.1	e

FCOHb OR

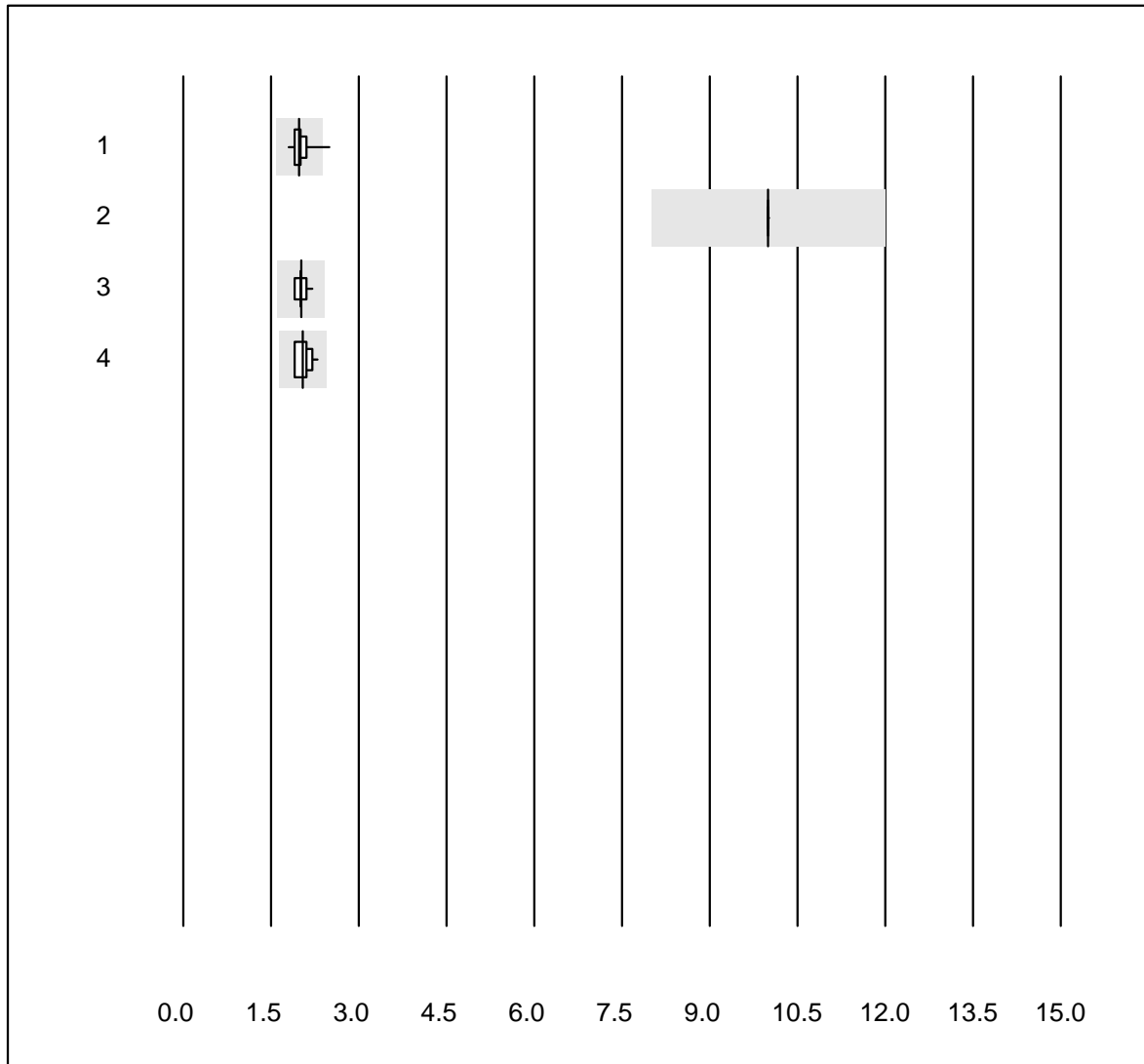


QUALAB tolerance : 20 %

FCOHb OR (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	58	96.6	3.4	0.0	3.097	8.9	e
2	Radiometer NPT-7	4	100.0	0.0	0.0	20.000	0.2	e
3	ABL 90	25	100.0	0.0	0.0	2.912	5.2	e
4	ABL 80 / Coox	12	91.7	8.3	0.0	2.858	13.8	e*

FMetHb OR

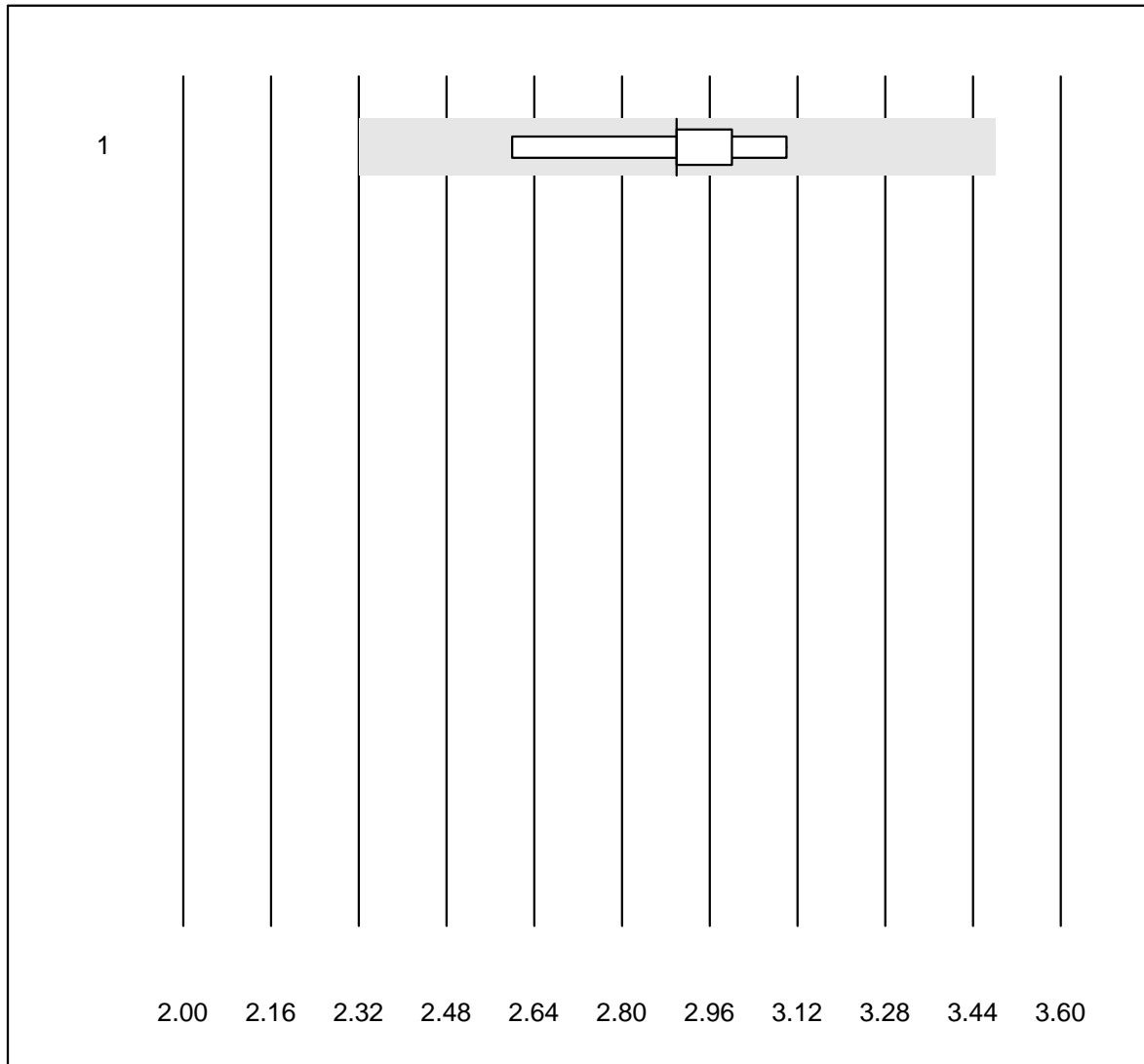


QUALAB tolerance : 20 %

FMetHb OR (%)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 ABL700/800	59	96.6	1.7	1.7	1.981	5.4	e
2 Radiometer NPT-7	4	100.0	0.0	0.0	10.000	0.0	e
3 ABL 90	25	96.0	0.0	4.0	2.017	3.5	e
4 ABL 80 / Coox	12	100.0	0.0	0.0	2.042	6.4	e

FHHb

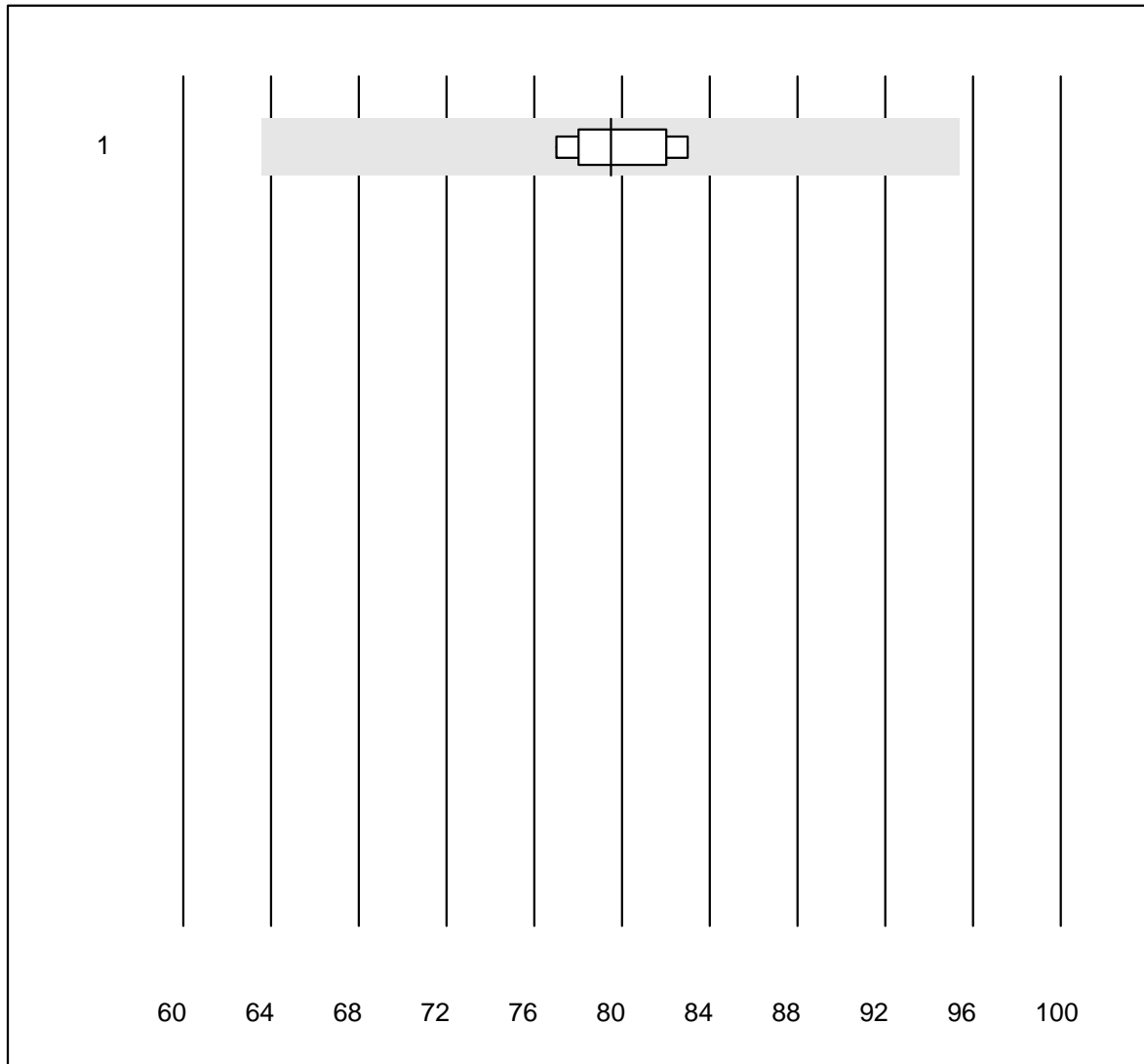


QUALAB tolerance : 20 %

FHHb (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL 80 / Coox	5	100.0	0.0	0.0	2.900	6.5	e*

FHbF OR

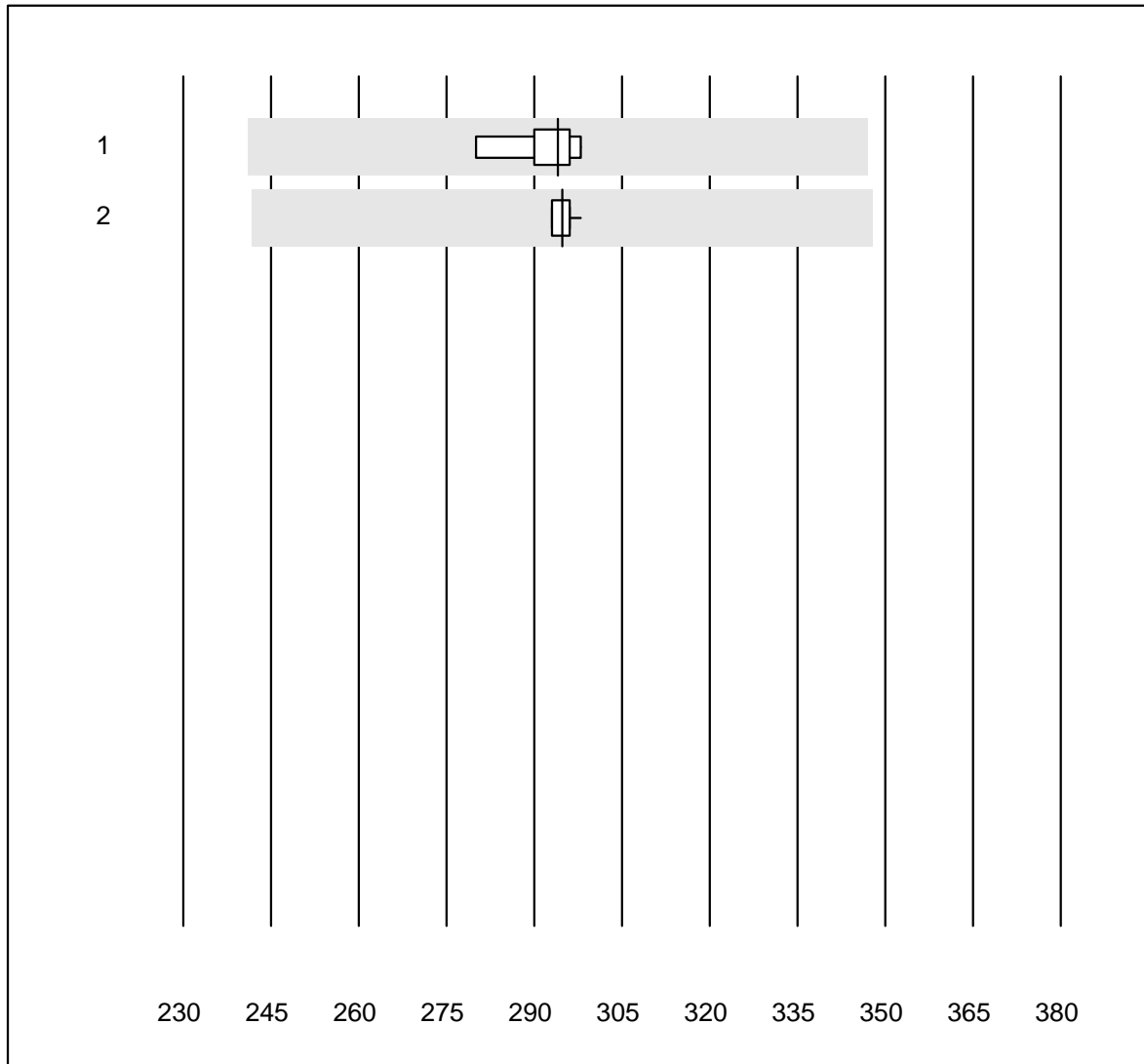


QUALAB tolerance : 20 %

FHbF OR (%)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ABL 90	6	100.0	0.0	0.0	79.500	2.9	e

Bilirubin OR

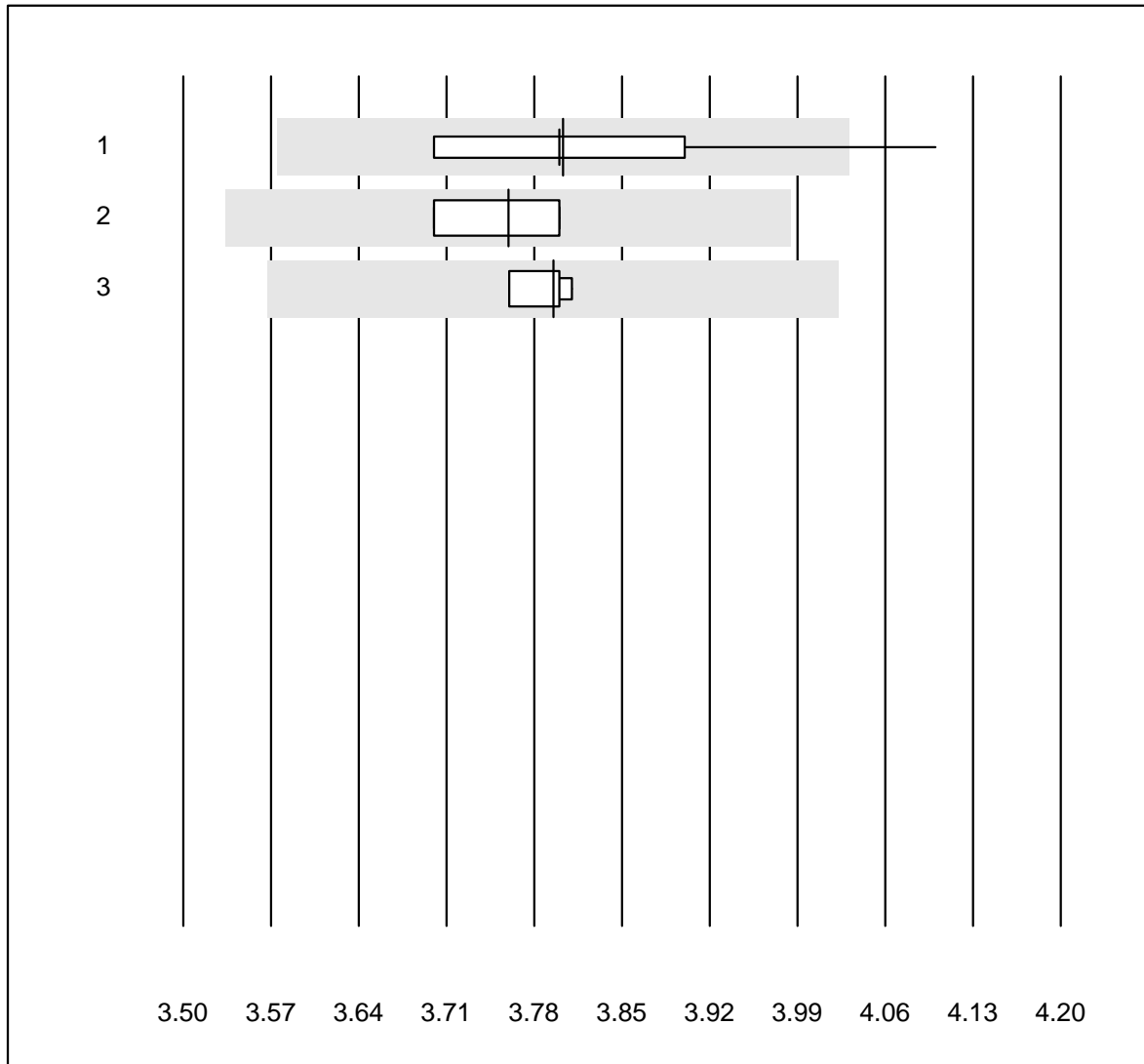


QUALAB tolerance : 18 %

Bilirubin OR (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	6	100.0	0.0	0.0	294.0	2.3	e
2	ABL 90	11	100.0	0.0	0.0	294.8	0.5	e

Potassium OR

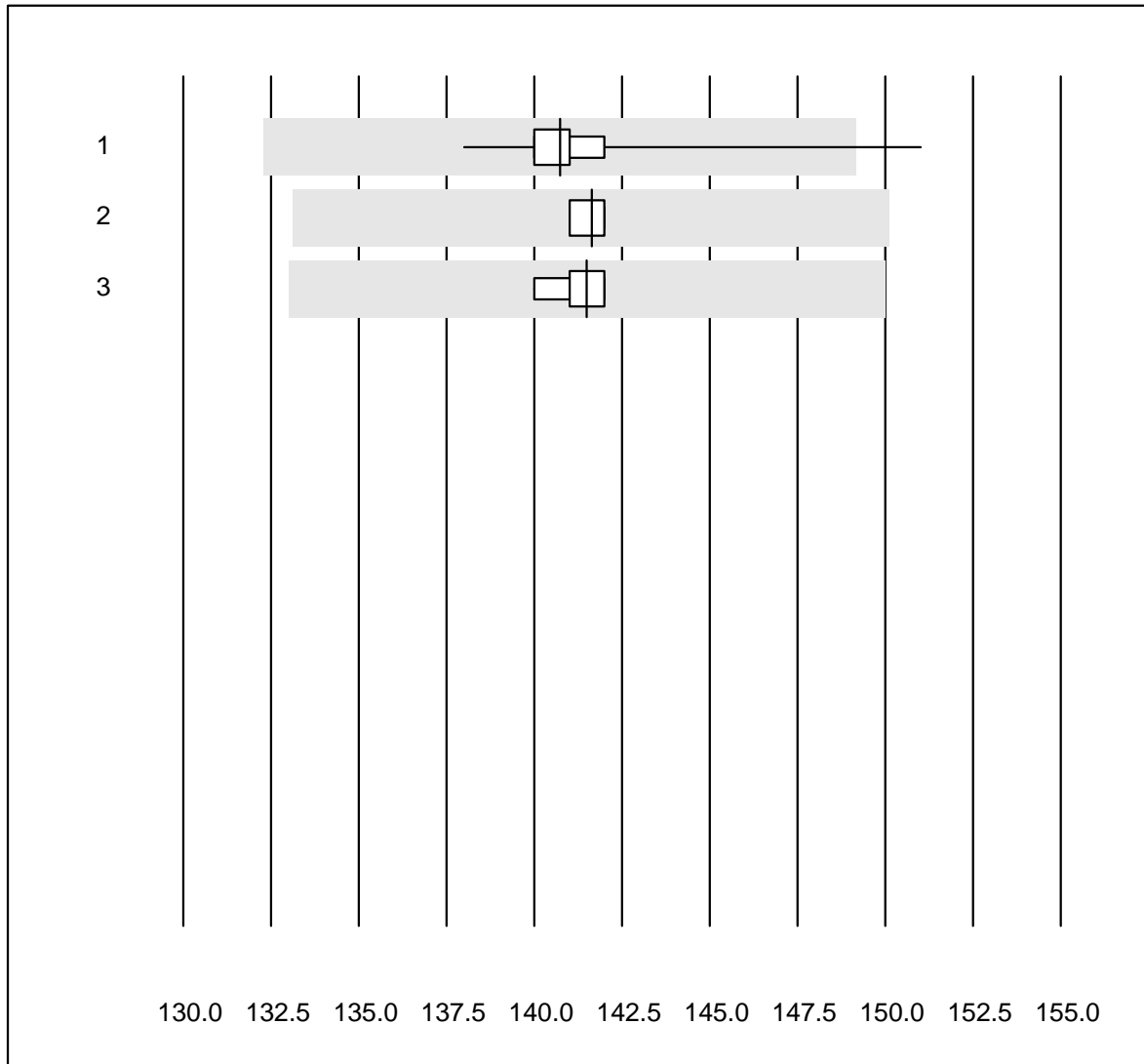


QUALAB tolerance : 6 %

Potassium OR (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	72	98.6	1.4	0.0	3.8	1.5	e
2	ABL 90	27	100.0	0.0	0.0	3.8	1.3	e
3	ABL 80 / Coox	8	100.0	0.0	0.0	3.8	0.5	e

Sodium OR

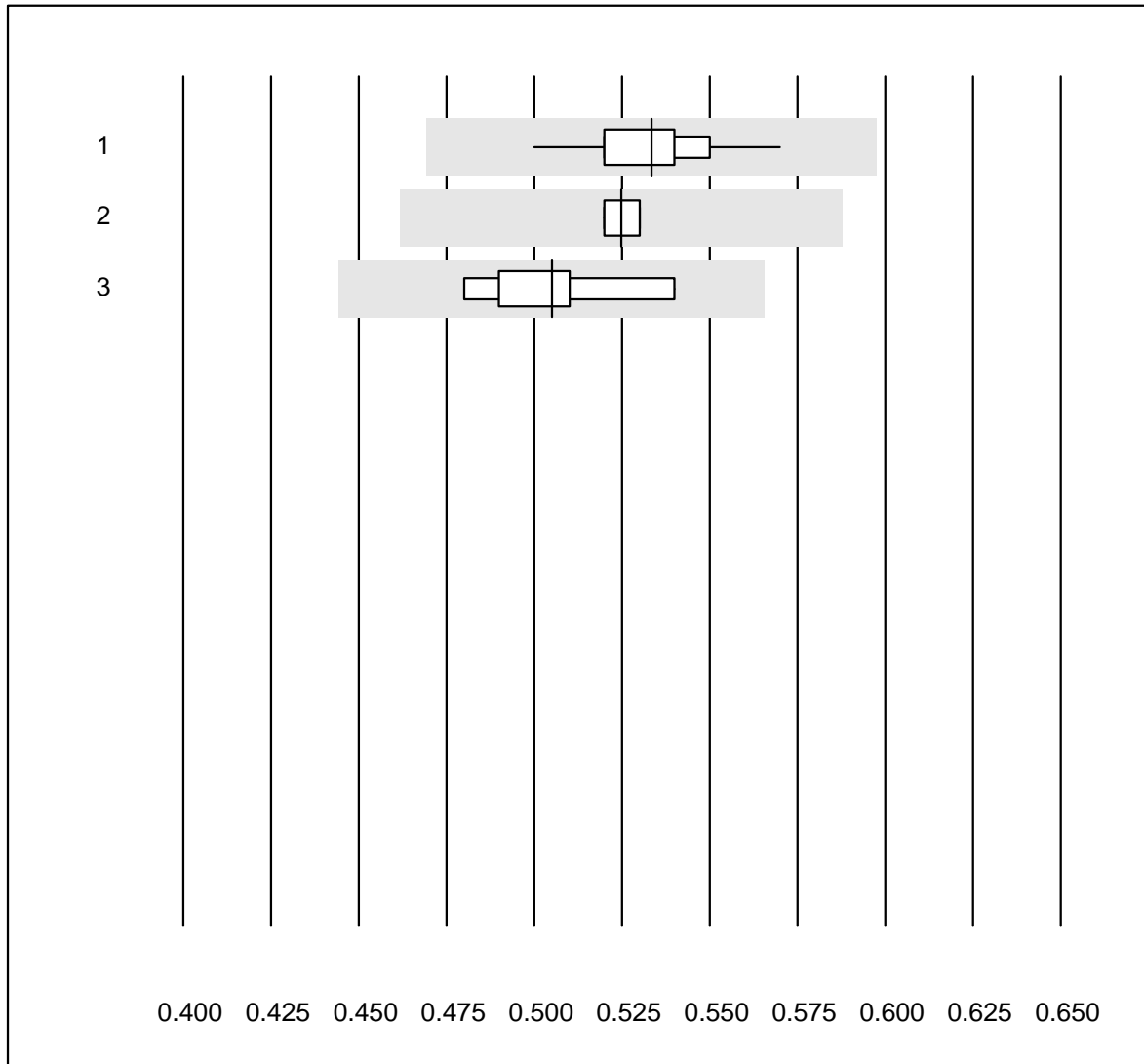


QUALAB tolerance : 6 %

Sodium OR (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	69	98.6	1.4	0.0	140.7	1.1	e
2	ABL 90	27	100.0	0.0	0.0	141.6	0.3	e
3	ABL 80 / Coox	6	100.0	0.0	0.0	141.5	0.6	e

Calcium OR

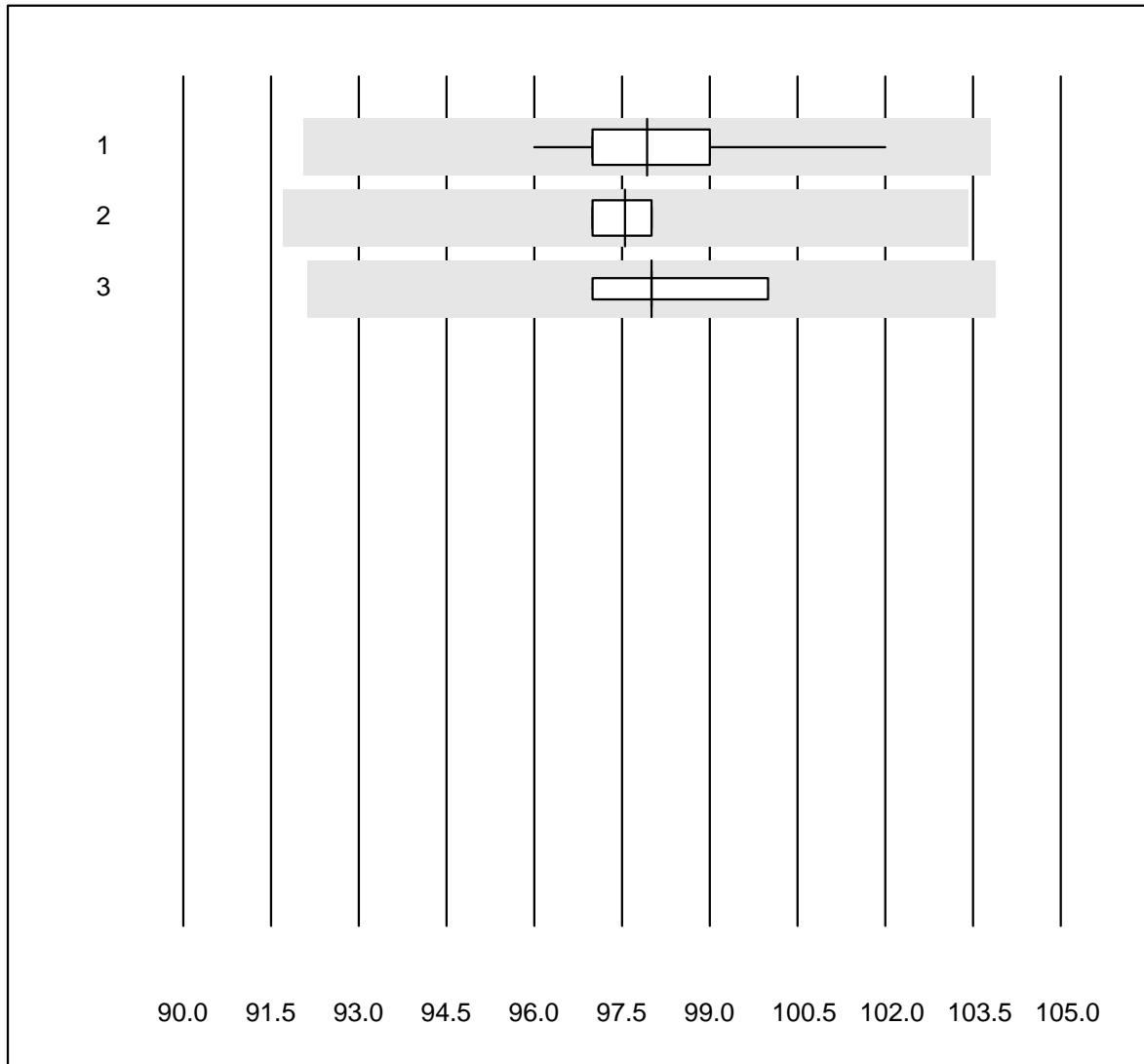


QUALAB tolerance : 12 %

Calcium OR (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	71	98.6	0.0	1.4	0.53	2.6	e
2	ABL 90	27	100.0	0.0	0.0	0.52	1.0	e
3	ABL 80 / Coox	6	100.0	0.0	0.0	0.51	4.1	e*

Choride OR

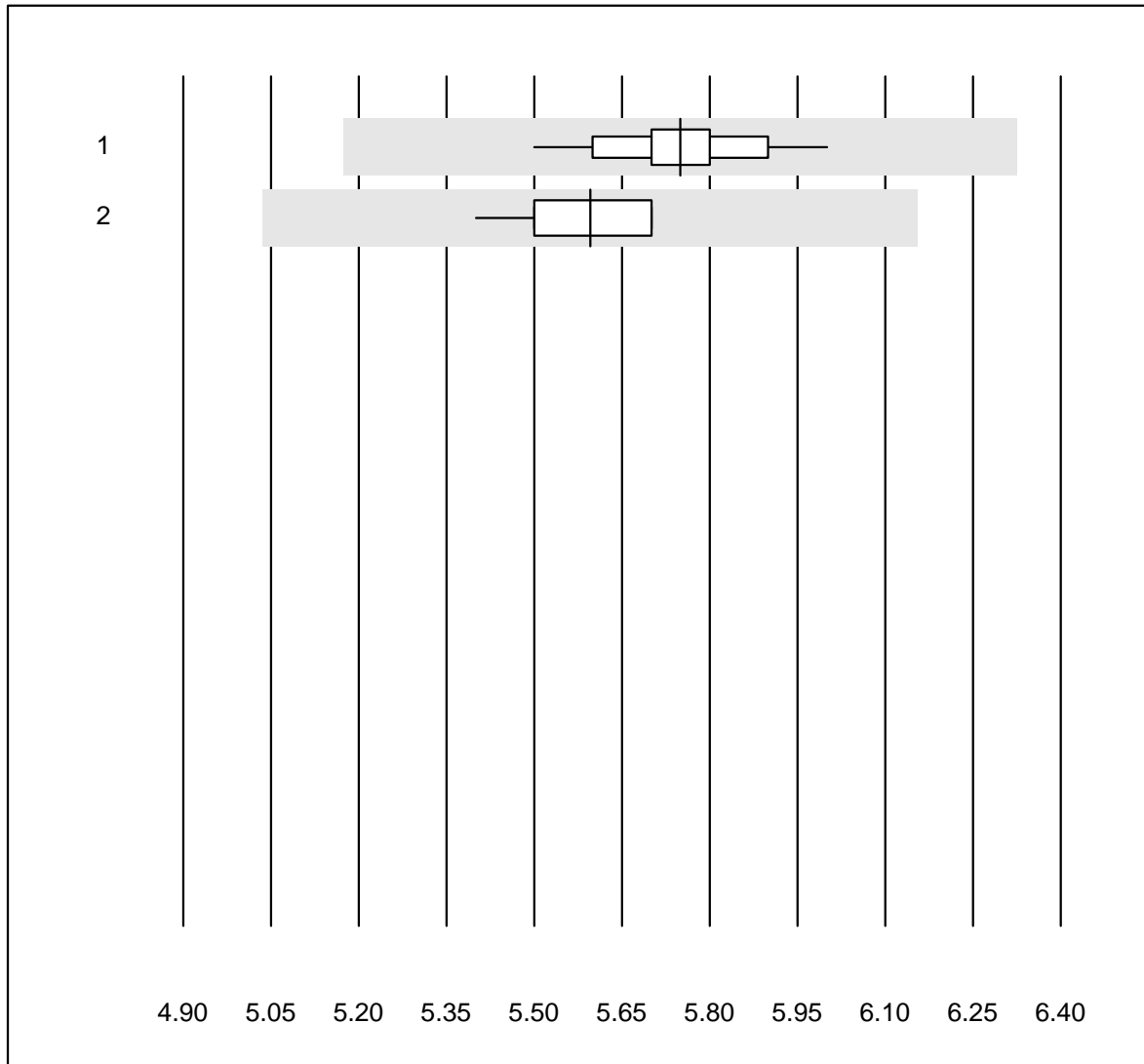


QUALAB tolerance : 6 %

Choride OR (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	59	98.3	0.0	1.7	97.93	1.1	e
2	ABL 90	27	100.0	0.0	0.0	97.56	0.5	e
3	ABL 80 / Coox	5	100.0	0.0	0.0	98.00	1.1	e

Glucose OR

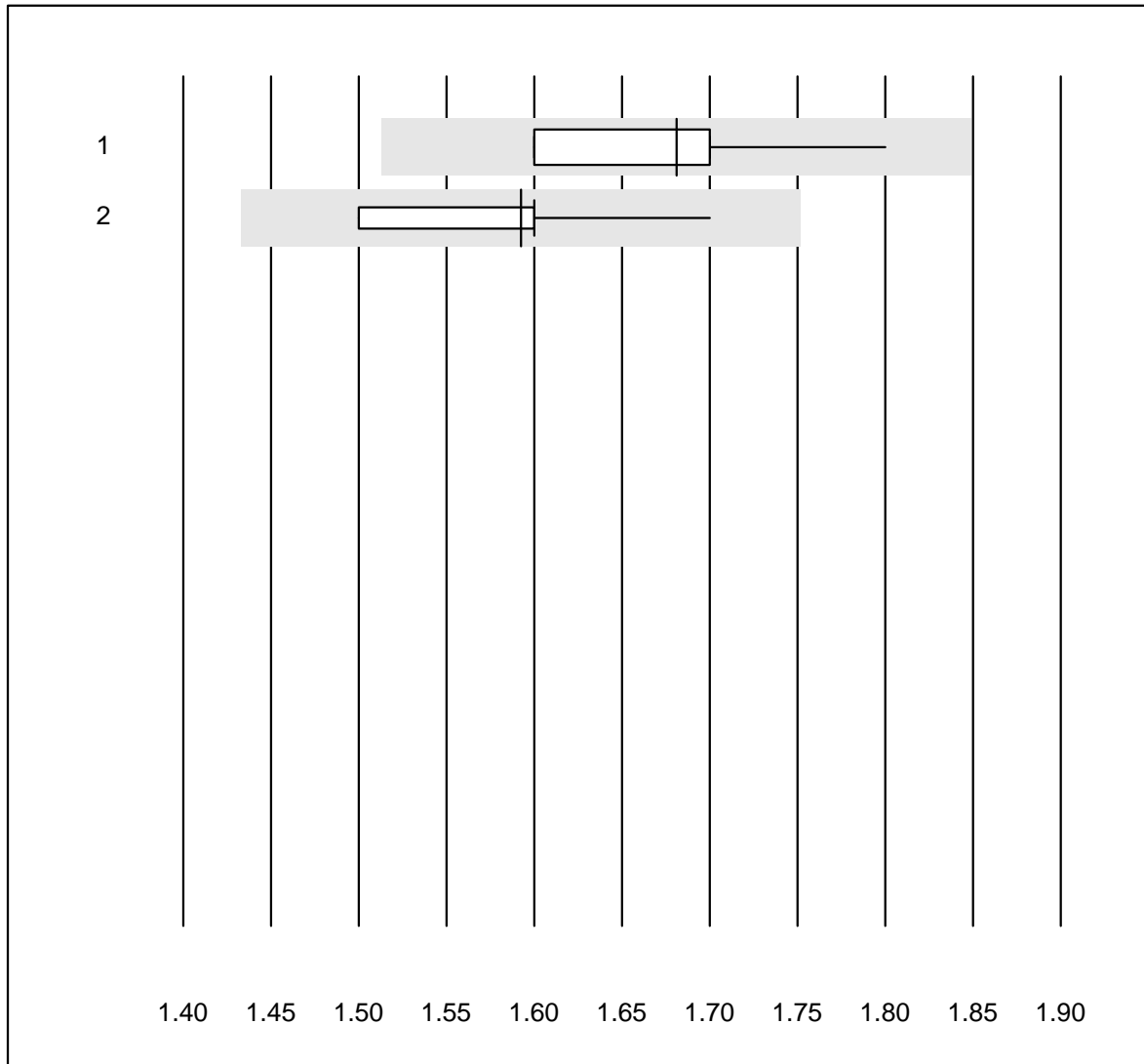


QUALAB tolerance : 10 %

Glucose OR (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	70	100.0	0.0	0.0	5.8	1.9	e
2	ABL 90	27	100.0	0.0	0.0	5.6	1.4	e

Lactate OR

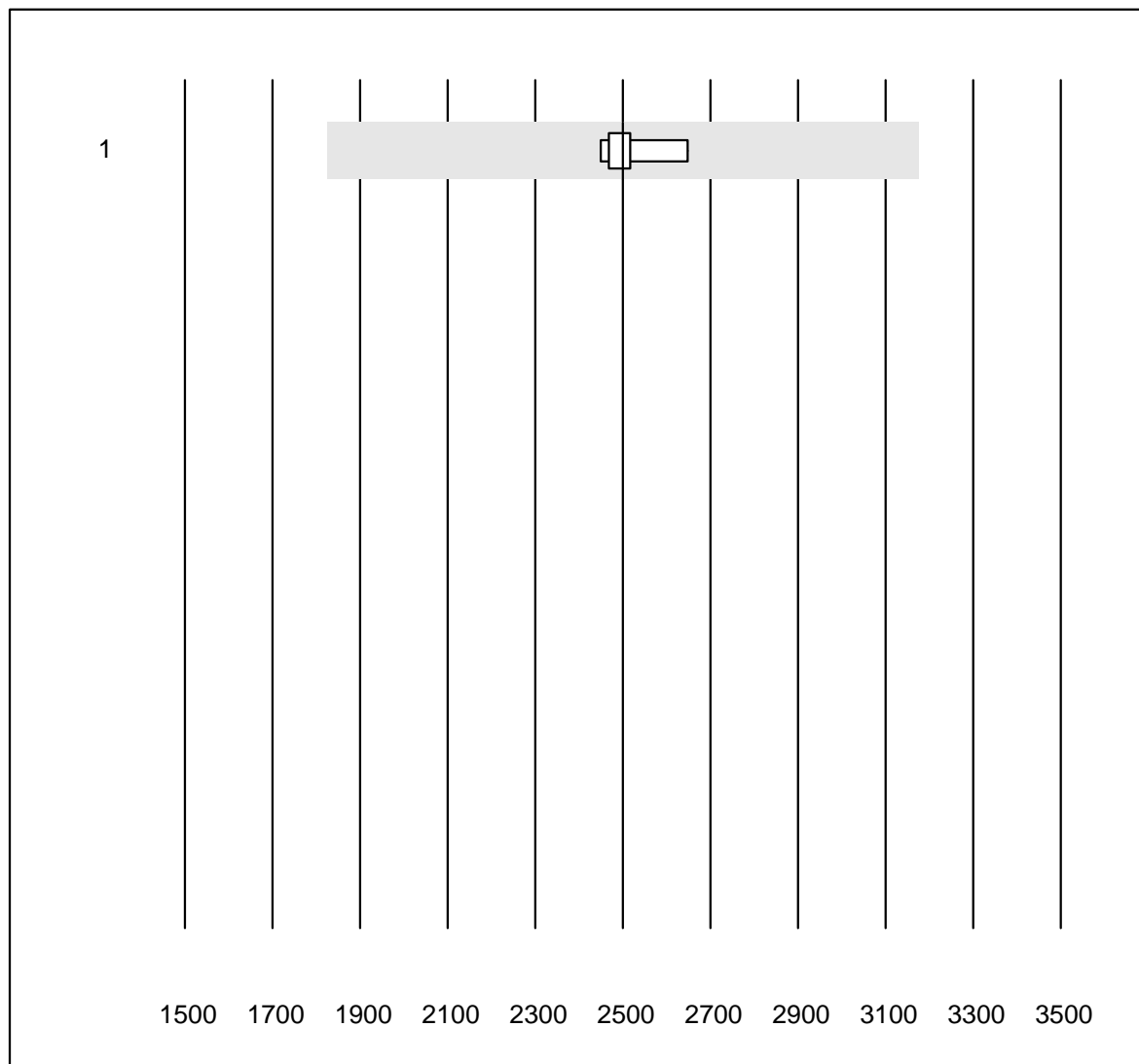


QUALAB tolerance : 10 %

Lactate OR (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800	75	98.7	0.0	1.3	1.68	3.4	e
2	ABL 90	27	96.3	0.0	3.7	1.59	2.5	e

BNP Plasma

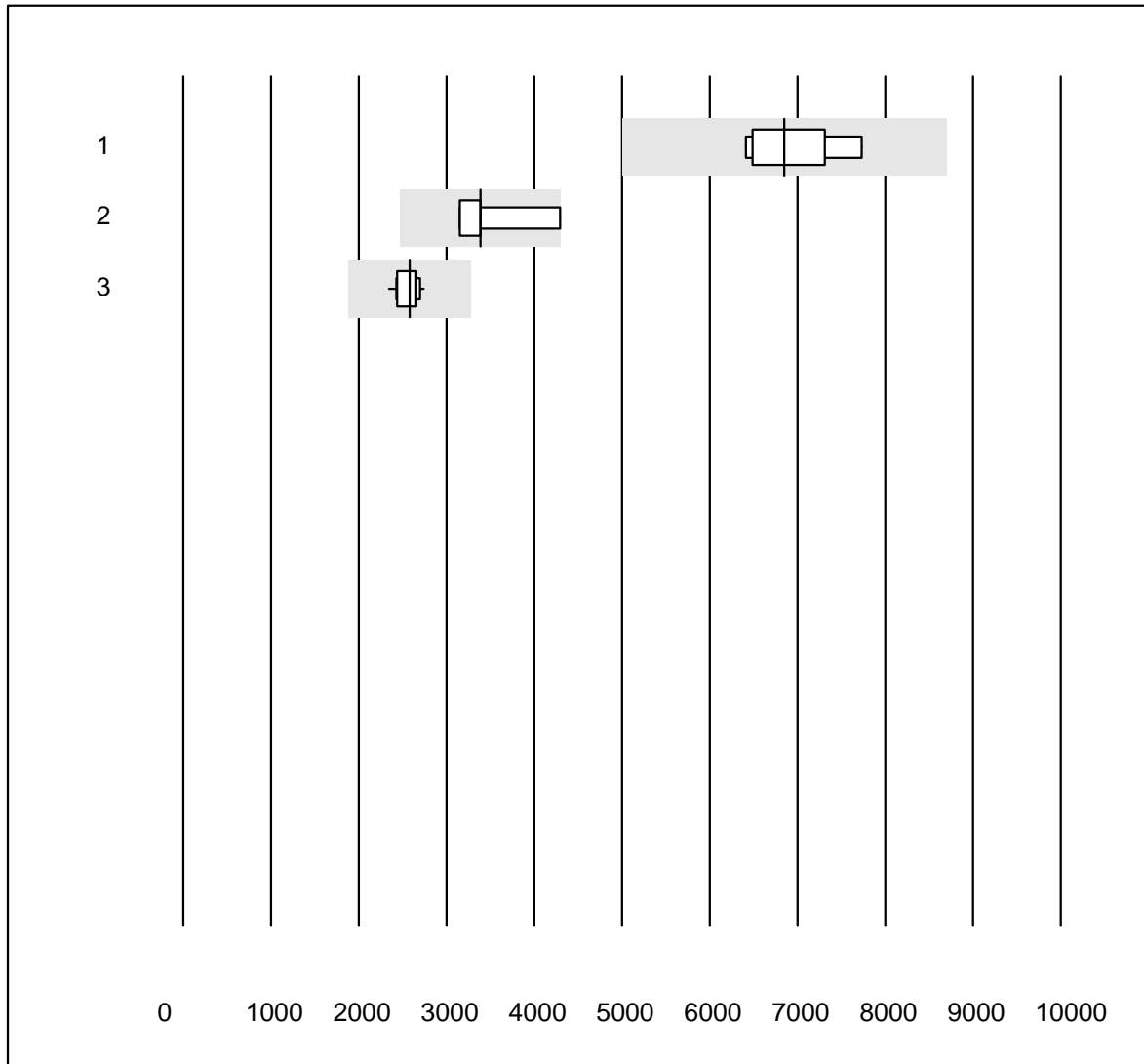


QUALAB tolerance : 27 %

BNP Plasma (ng/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	5	100.0	0.0	0.0	2500.0	3.1	e

NT-proBNP

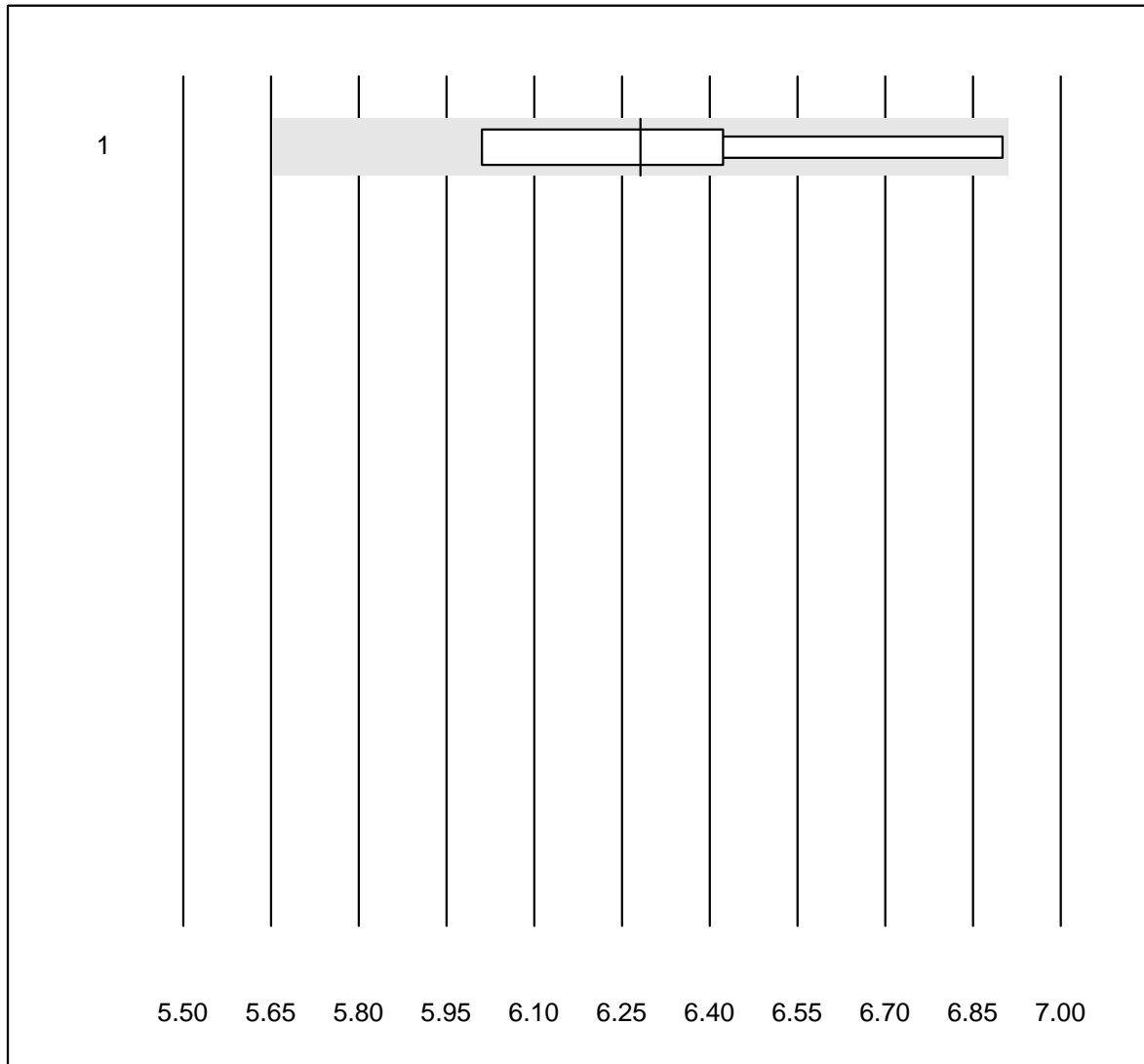


QUALAB tolerance : 27 %

NT-proBNP (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AQT 90 FLEX	5	100.0	0.0	0.0	6850.0	8.1	e*
2	Vidas	4	75.0	25.0	0.0	3382.5	14.3	e*
3	Cobas E / Elecsys	12	100.0	0.0	0.0	2579.3	4.8	e

Cholesterin PTS

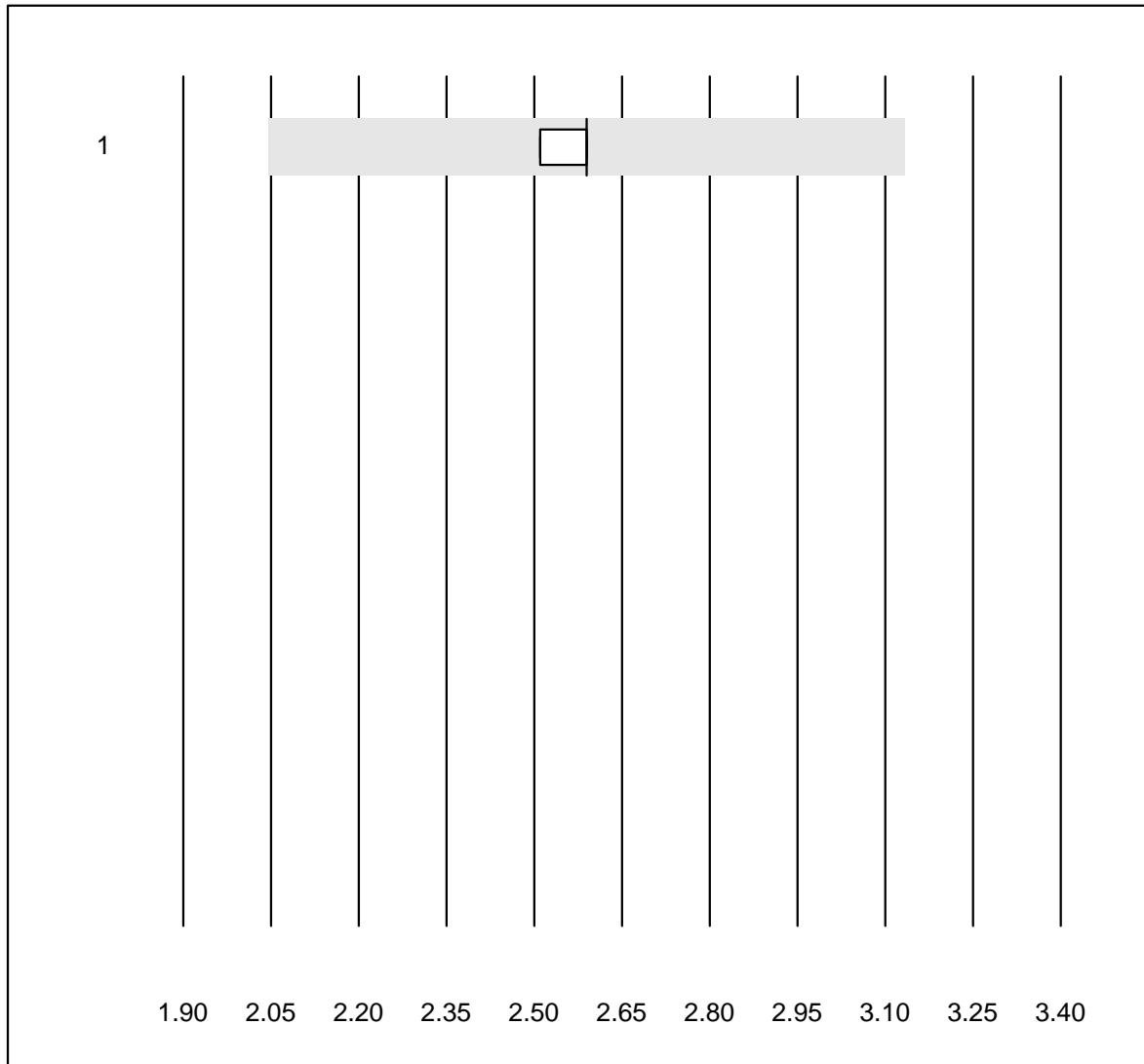


QUALAB tolerance : 10 %

Cholesterin PTS (mmol/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 CardioChek	4	100.0	0.0	0.0	6.28	6.2	e*

Cholesterin HDL PTS

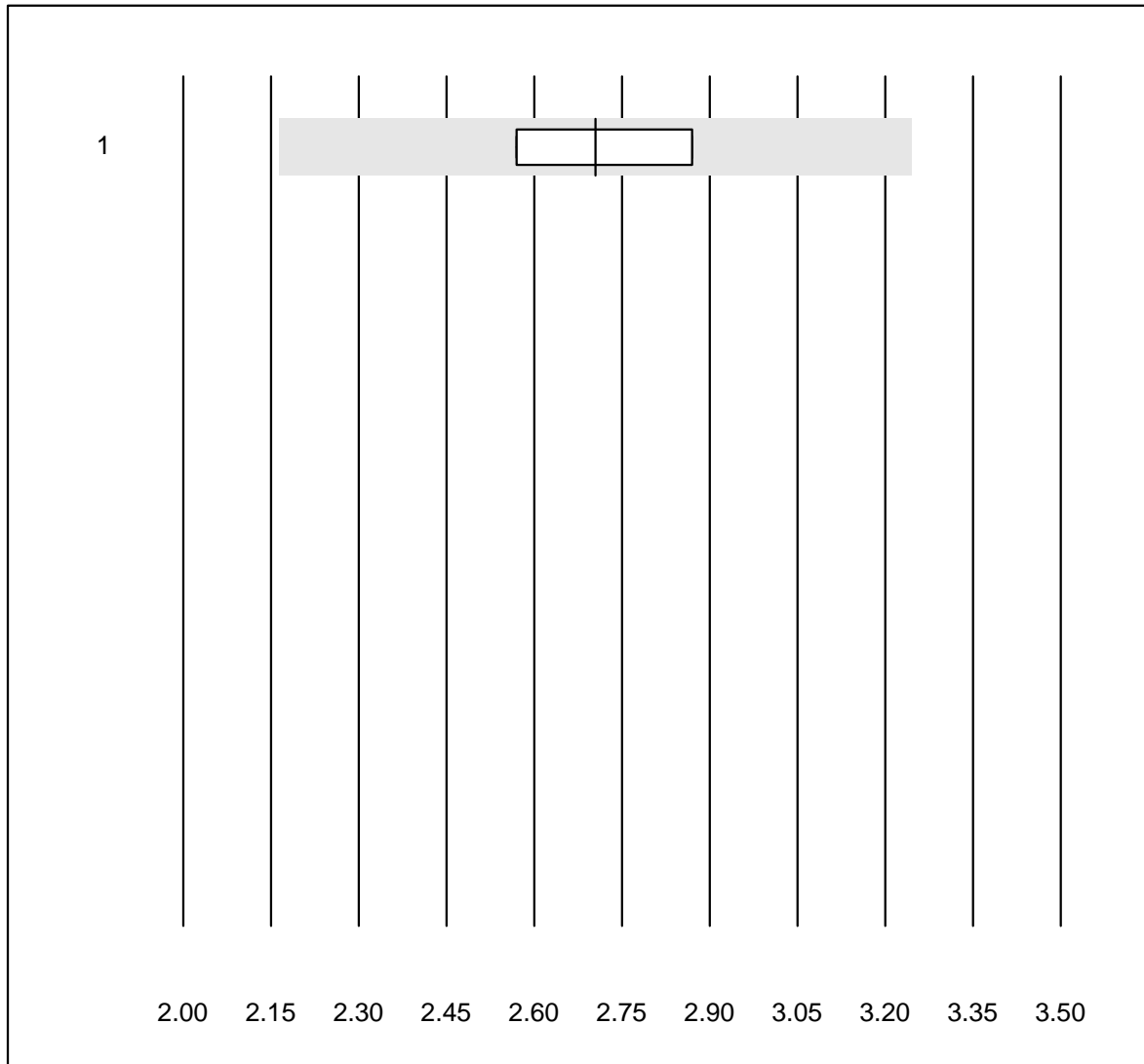


QUALAB tolerance : 21 %

Cholesterin HDL PTS (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	CardioChek	4	100.0	0.0	0.0	2.59	1.6	e

Triglyceride PTS

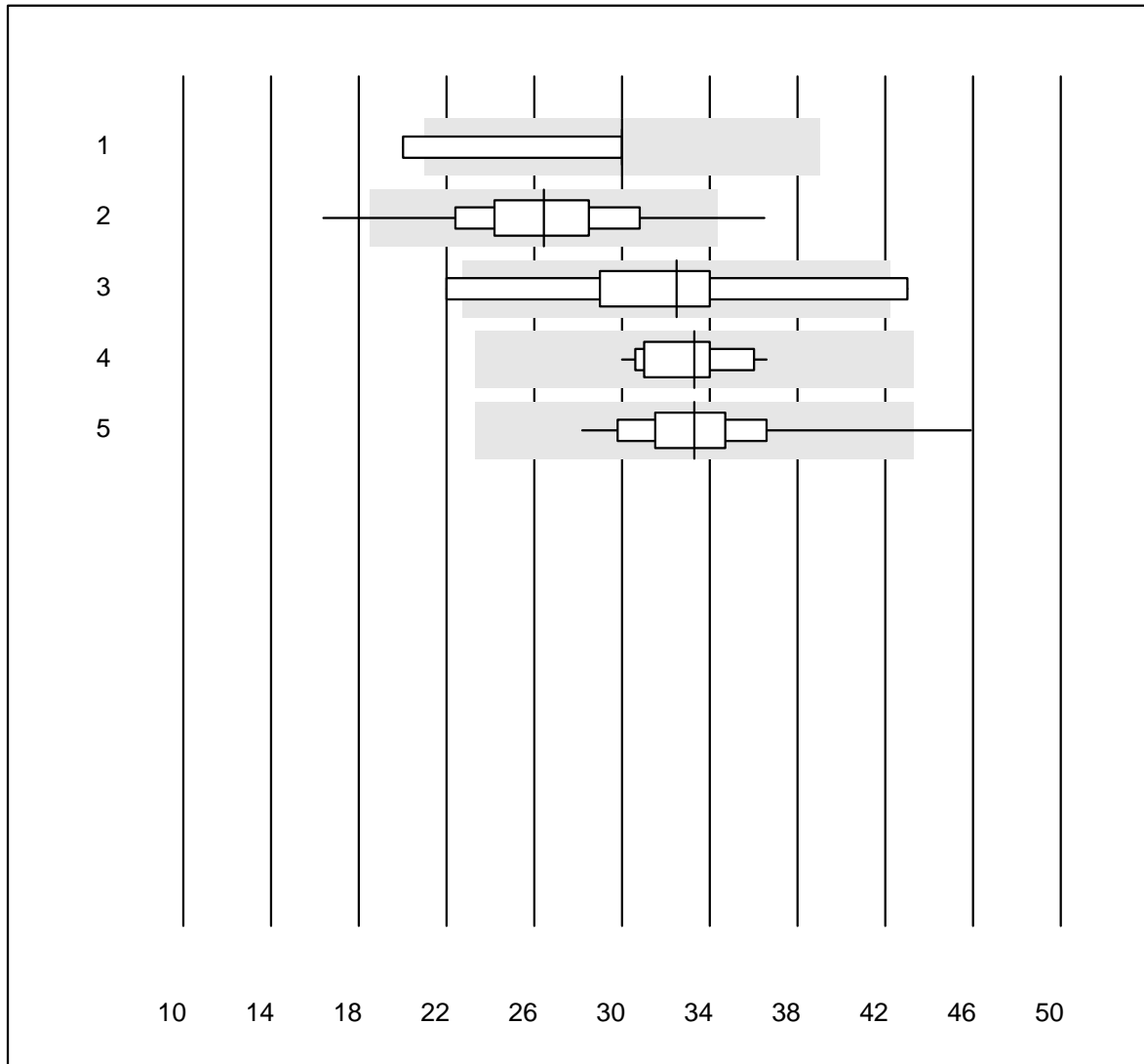


QUALAB tolerance : 20 %

Triglyceride PTS (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	4	75.0	0.0	25.0	2.70	6.0	e*

Creatinine U

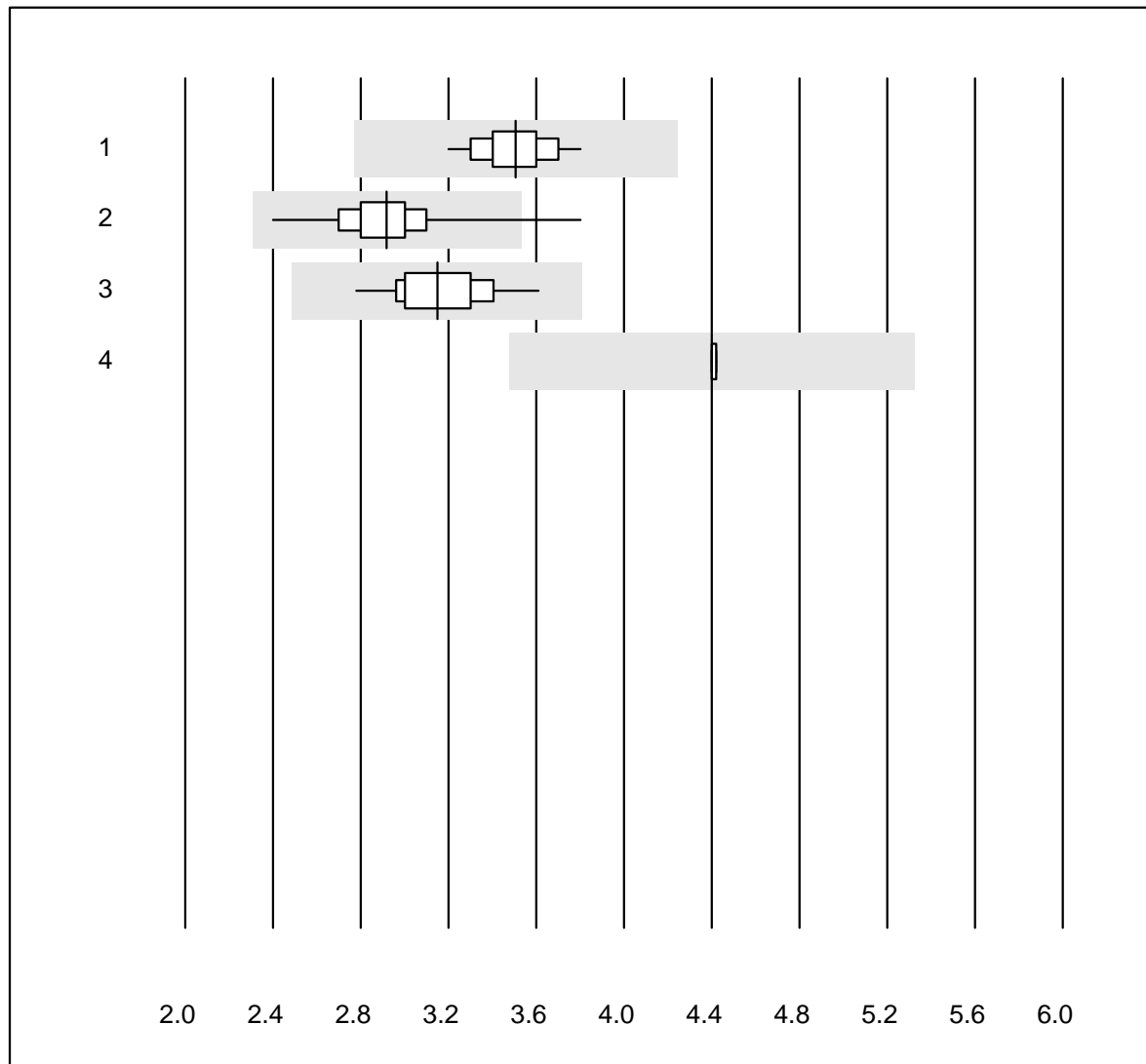


QUALAB tolerance : 30 %

Creatinine U (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Clinitek	11	54.5	9.1	36.4	30.0	13.2	a
2	Afinion	333	94.6	2.7	2.7	26.4	12.7	e
3	NycoCard	9	66.7	22.2	11.1	32.5	19.8	e*
4	Turbidimetry	18	100.0	0.0	0.0	33.3	5.7	e
5	DCA2000/Vantage	121	96.7	0.8	2.5	33.3	8.4	e

Creatinin Urin

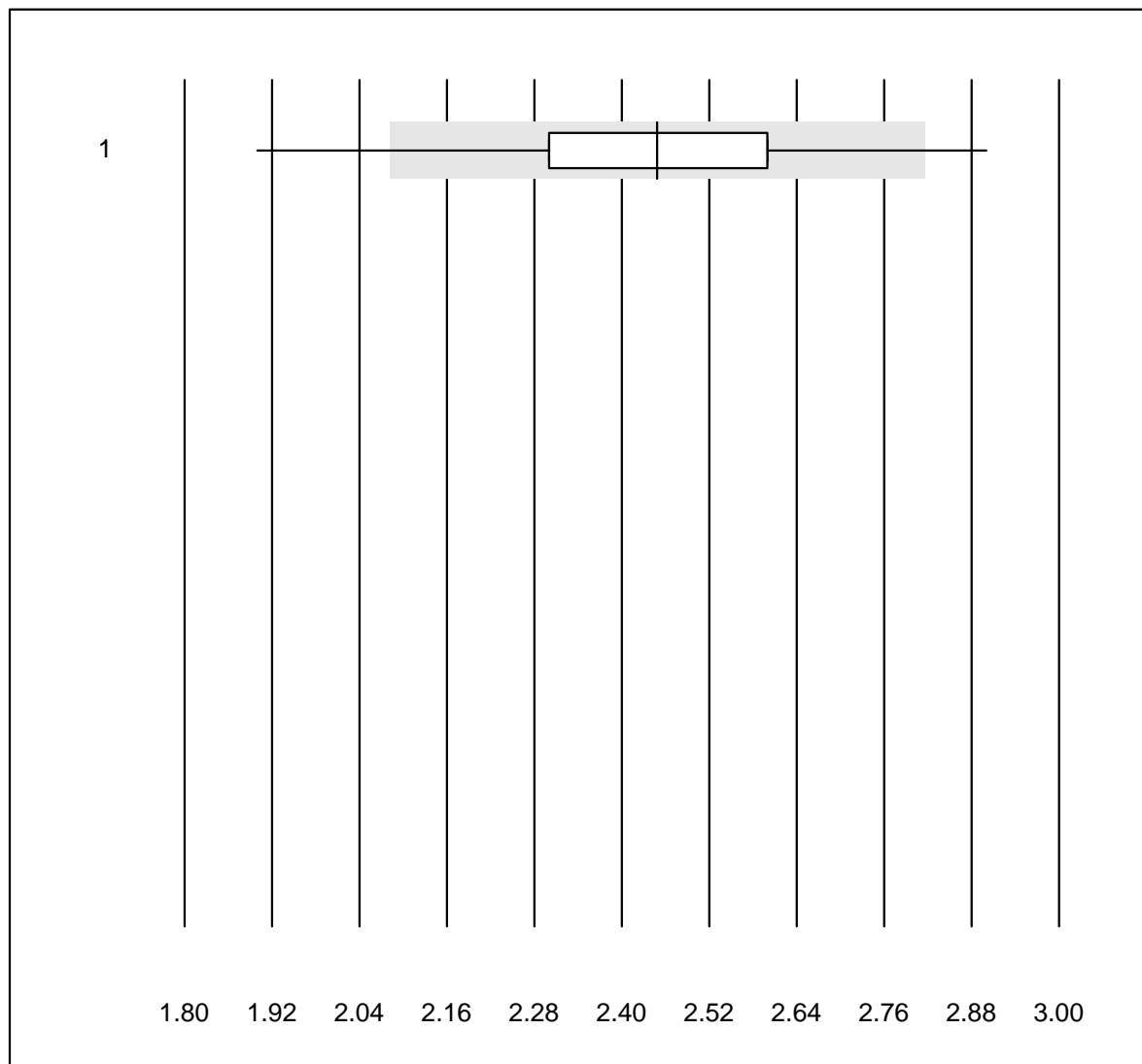


QUALAB tolerance : 21 %

Creatinin Urin (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	DCA2000/Vantage	120	90.0	0.0	10.0	3.5	4.5	e
2	Afinion	333	98.5	0.3	1.2	2.9	5.1	e
3	Standard chemistry	29	100.0	0.0	0.0	3.1	6.1	e
4	Siemens Clinitek	11	72.7	0.0	27.3	4.4	0.2	a

INR CCXS

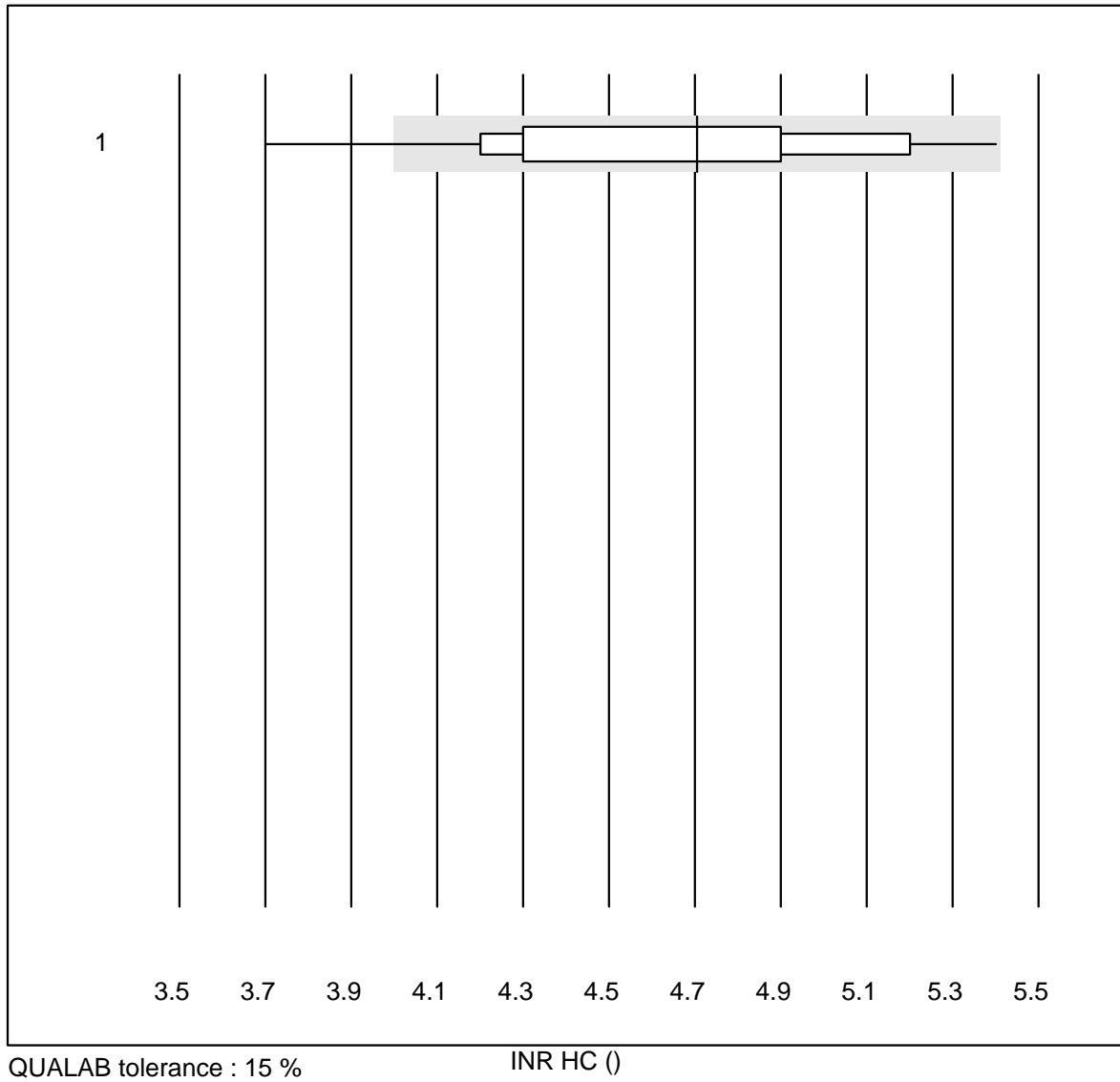


QUALAB tolerance : 15 %

INR CCXS ()

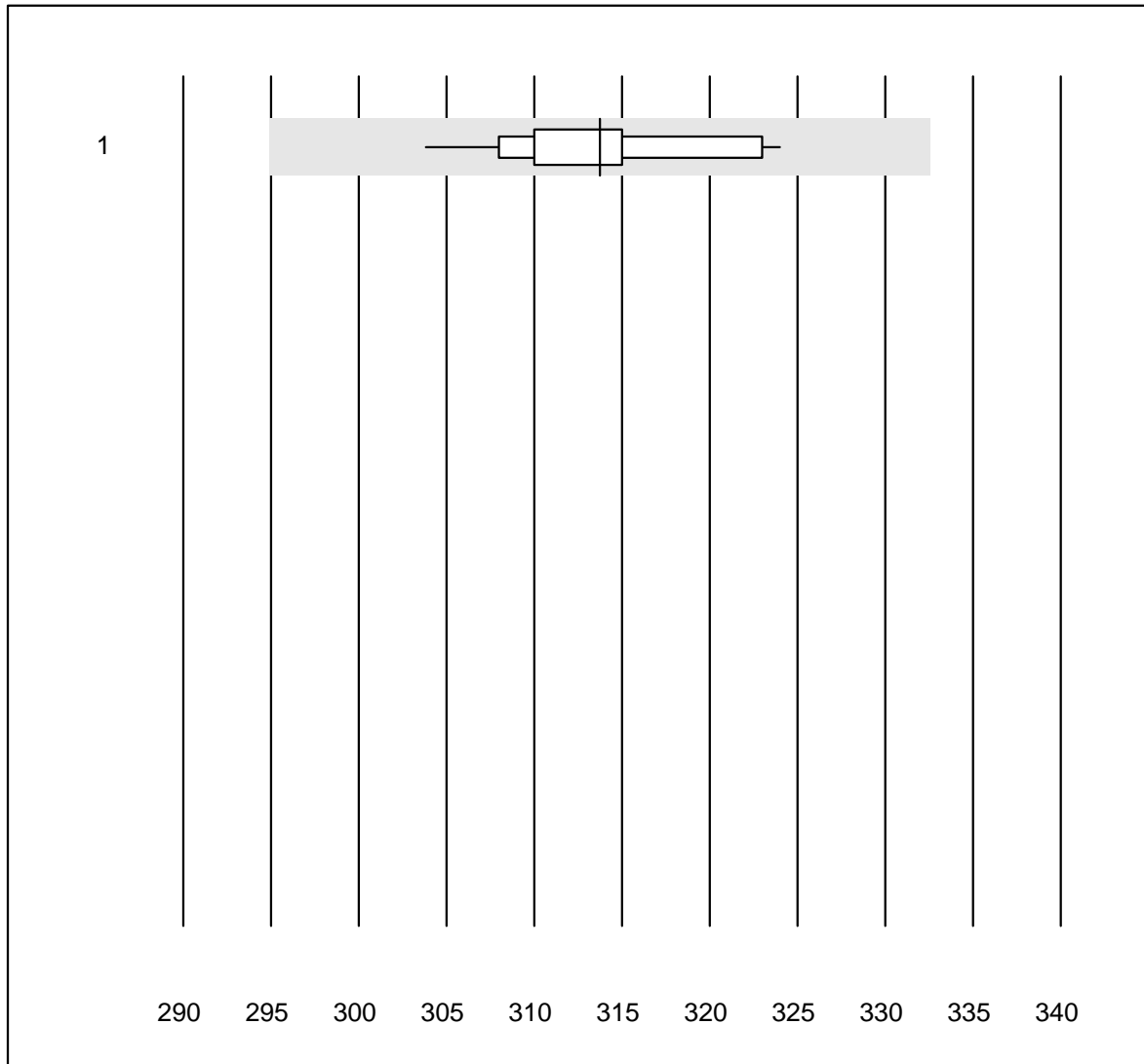
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	CoaguChek XS	2329	99.2	0.5	0.3	2.4	5.9	e

INR HC



No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Hemochron j.	23	82.7	4.3	13.0	4.7	8.8	e*

Osmolality

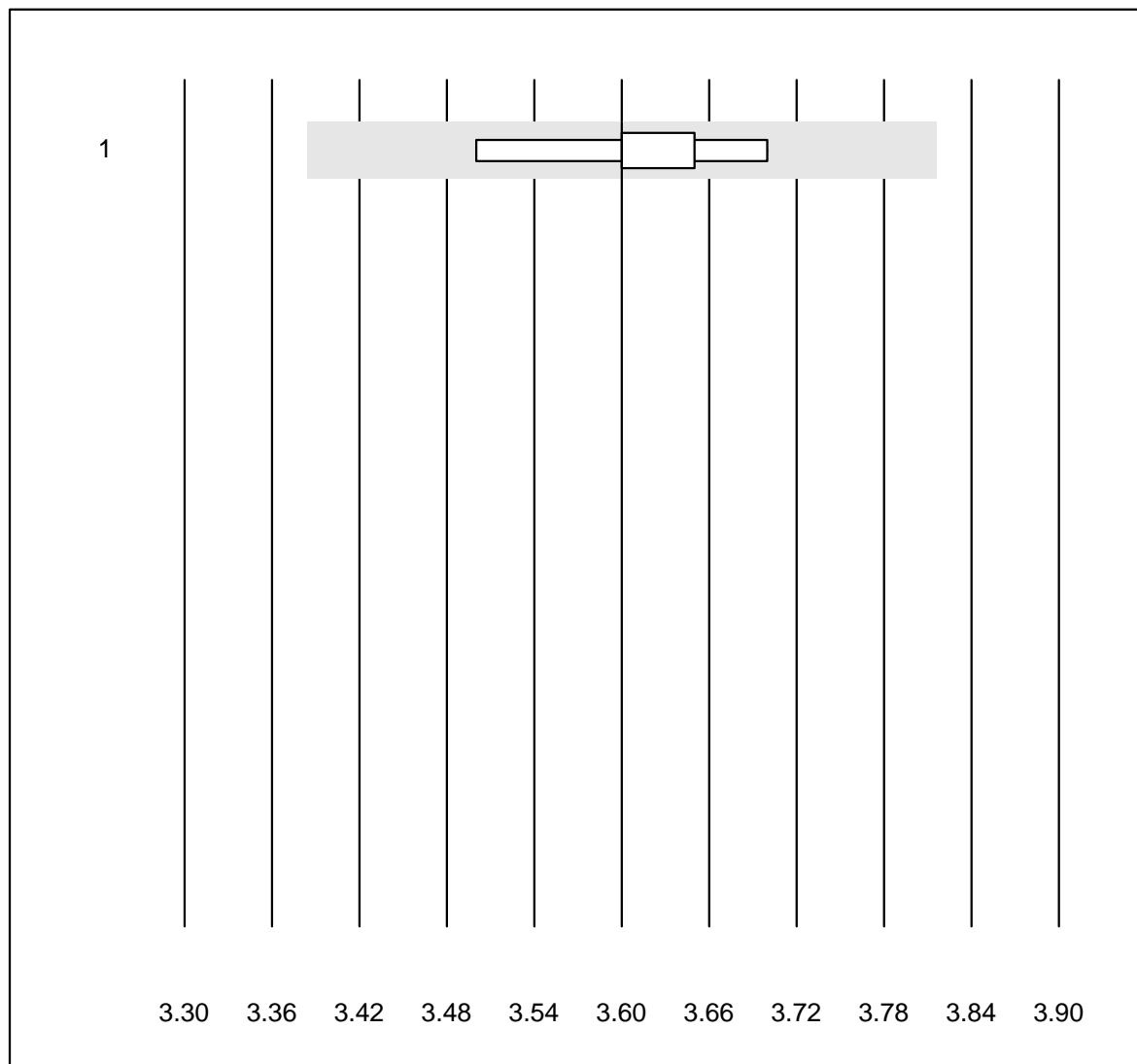


QUALAB tolerance : 6 %

Osmolality (mosm/kg)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Cryoscopy	12	100.0	0.0	0.0	314	1.8	e

Potassium - K22

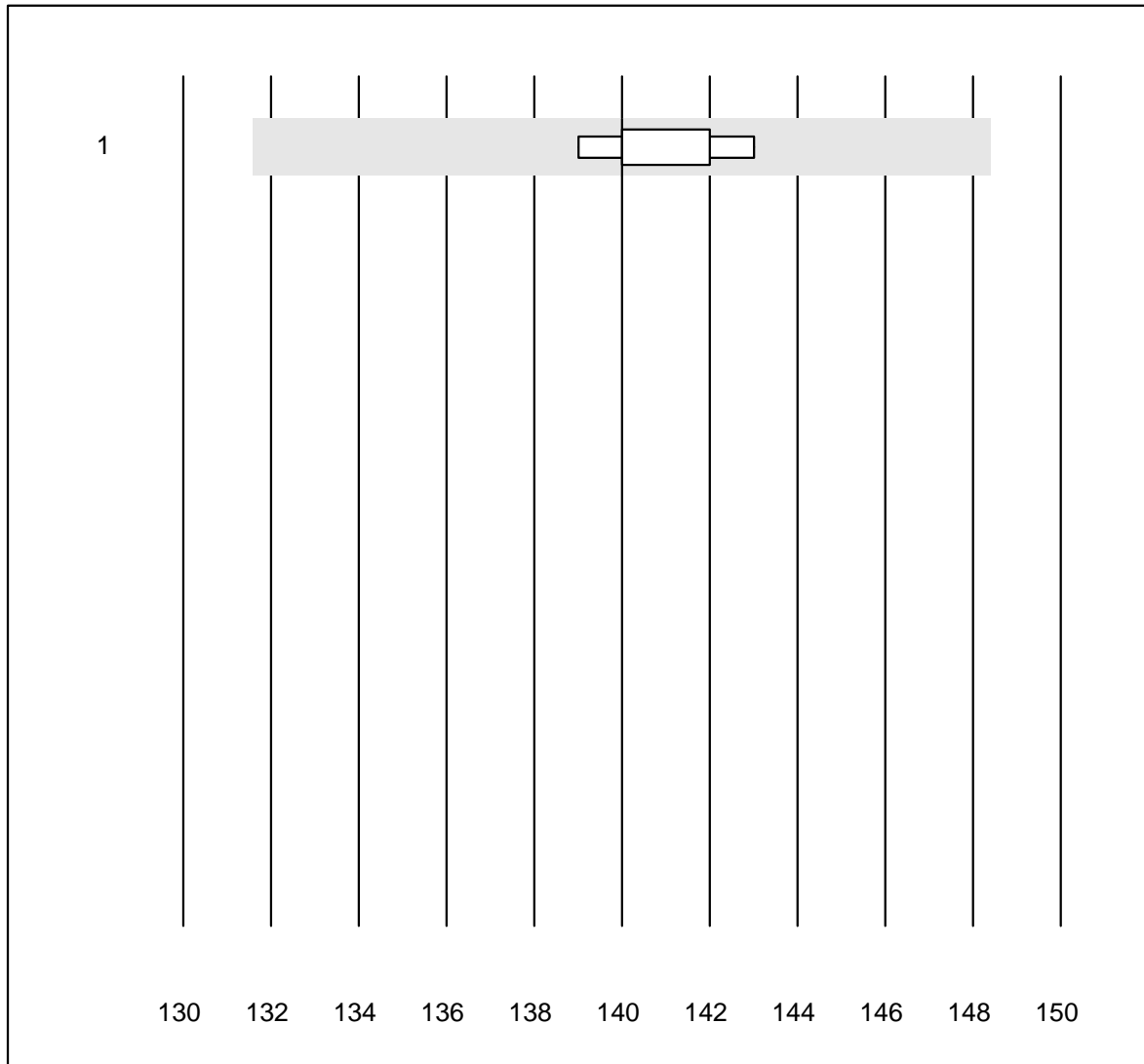


QUALAB tolerance : 6 %

Potassium - K22 (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ISE	7	100.0	0.0	0.0	3.6	1.7	e

Sodium - K22

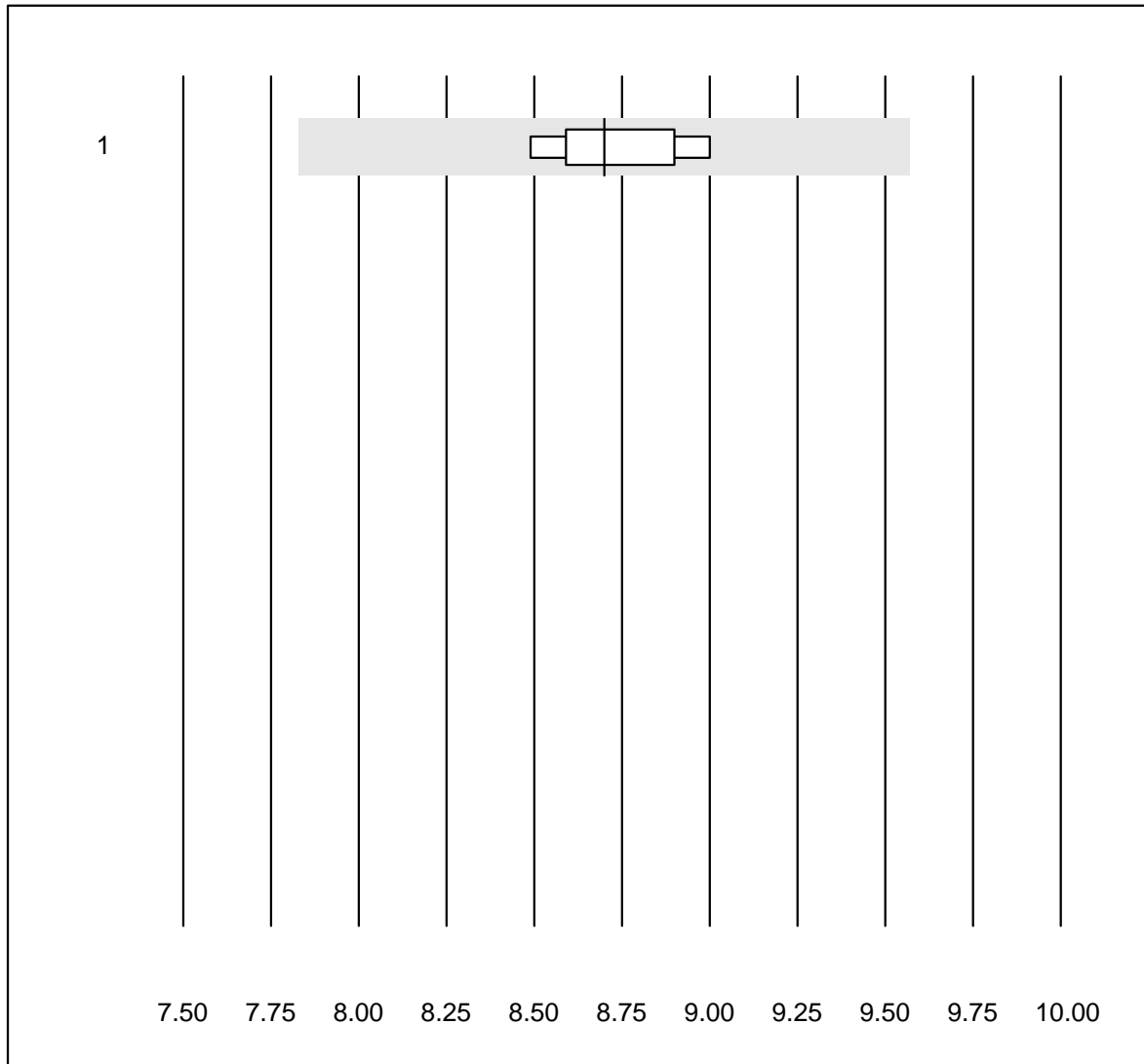


QUALAB tolerance : 6 %

Sodium - K22 (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	ISE	7	100.0	0.0	0.0	140	1.0	e

Glucose - K22

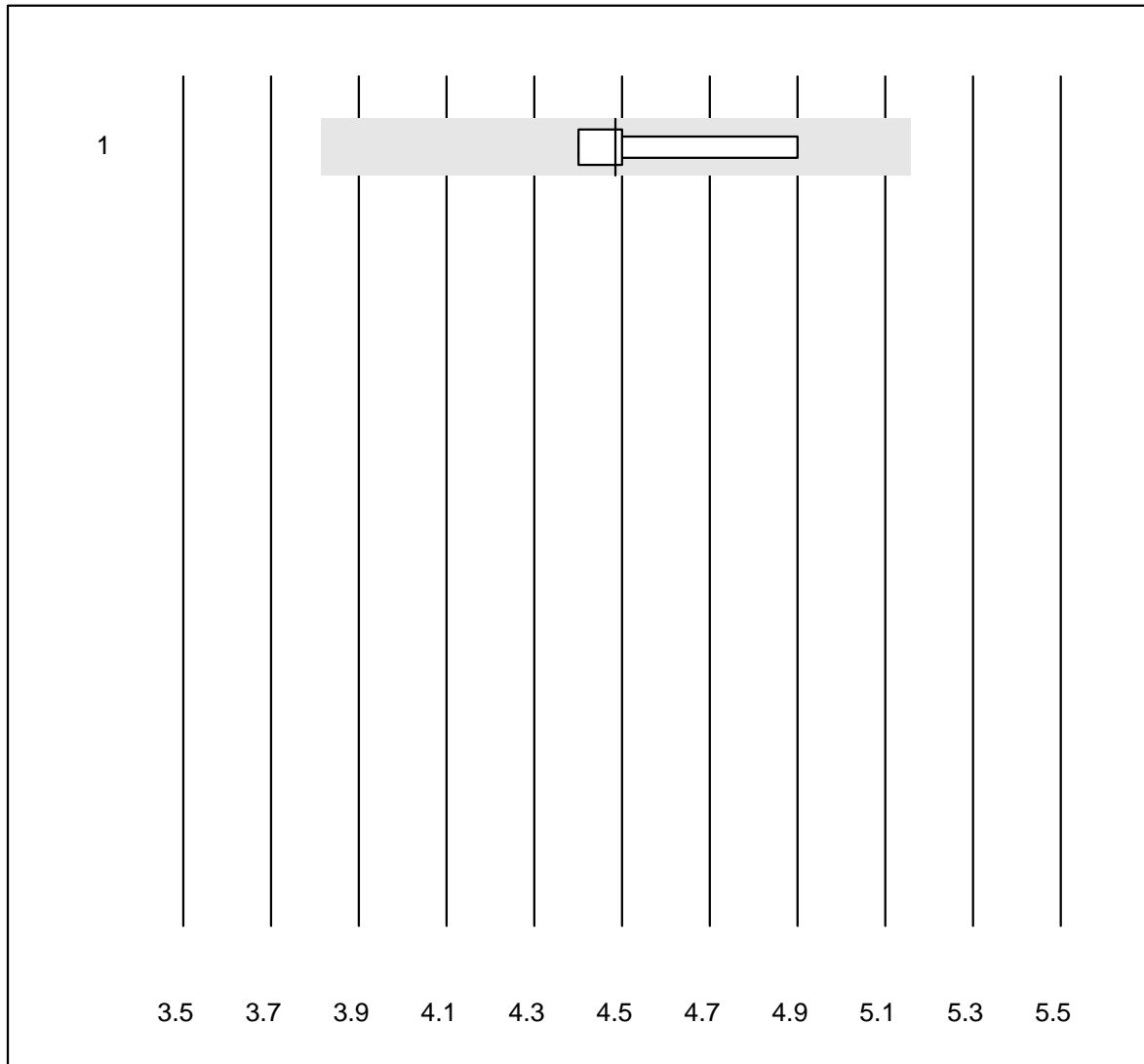


QUALAB tolerance : 10 %

Glucose - K22 (mmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	7	100.0	0.0	0.0	8.7	2.1	e

Urea - K22

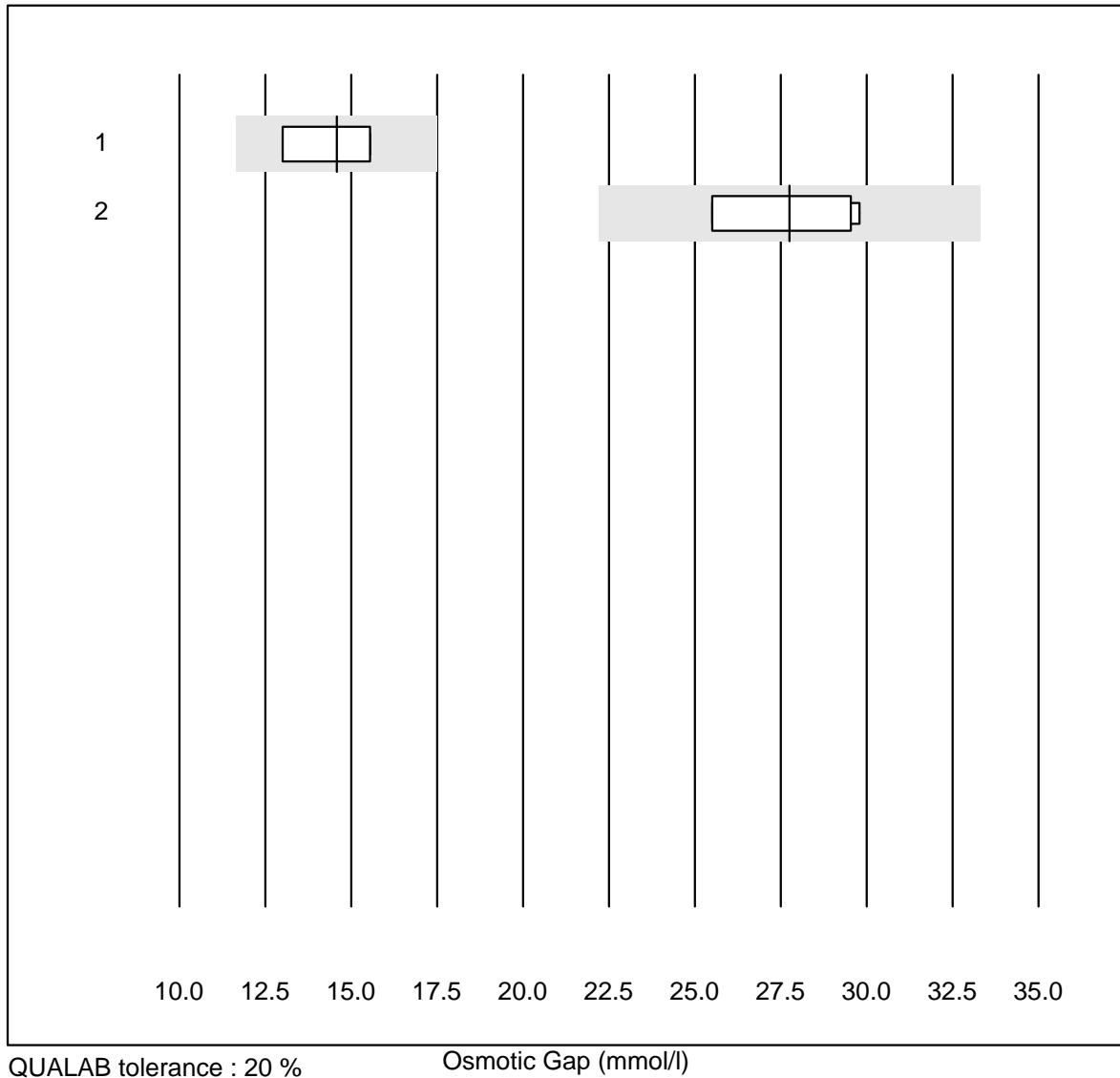


QUALAB tolerance : 15 %

Urea - K22 (mmol/l)

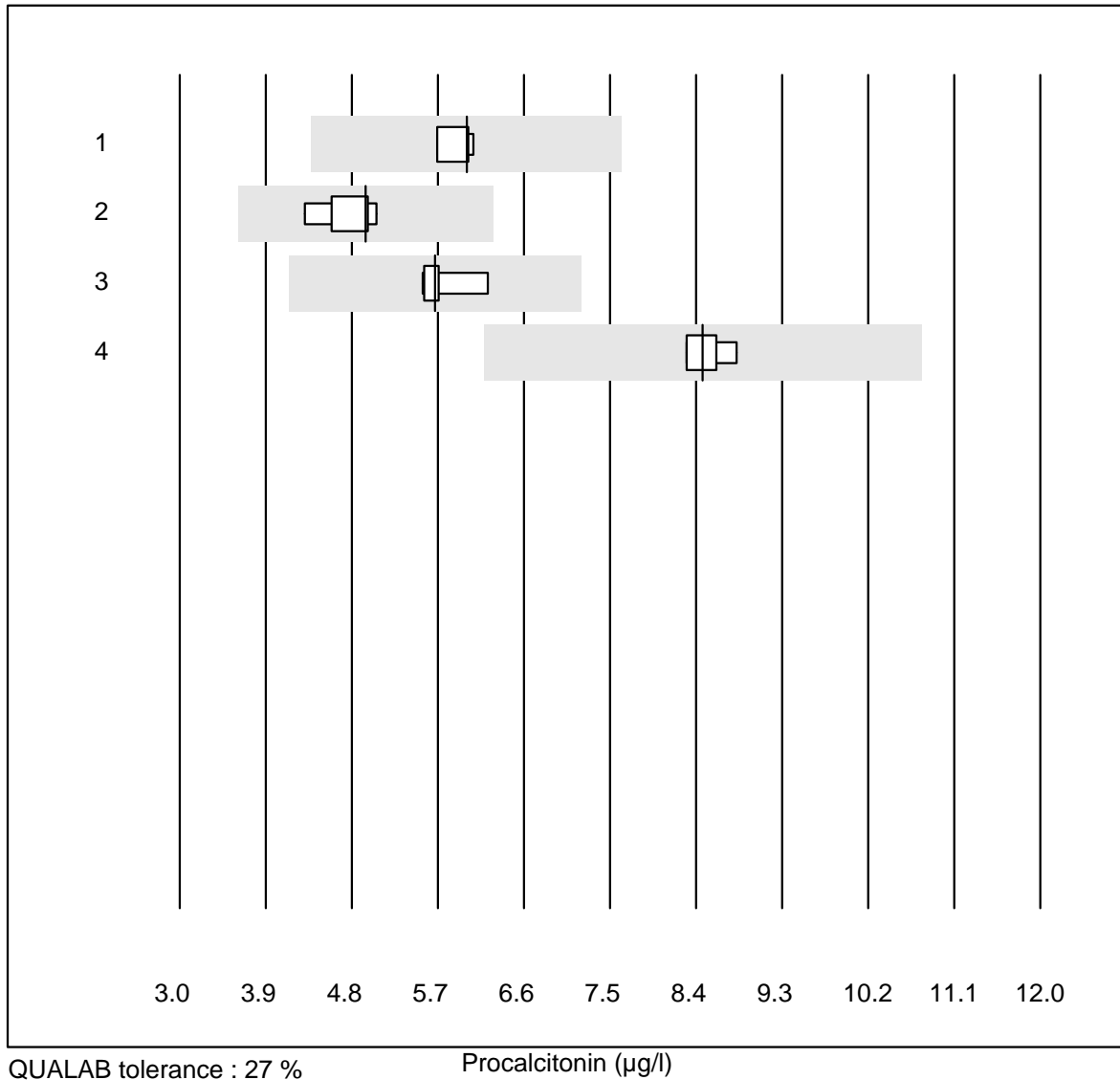
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	Standard chemistry	6	100.0	0.0	0.0	4.5	4.1	e

Osmotic Gap



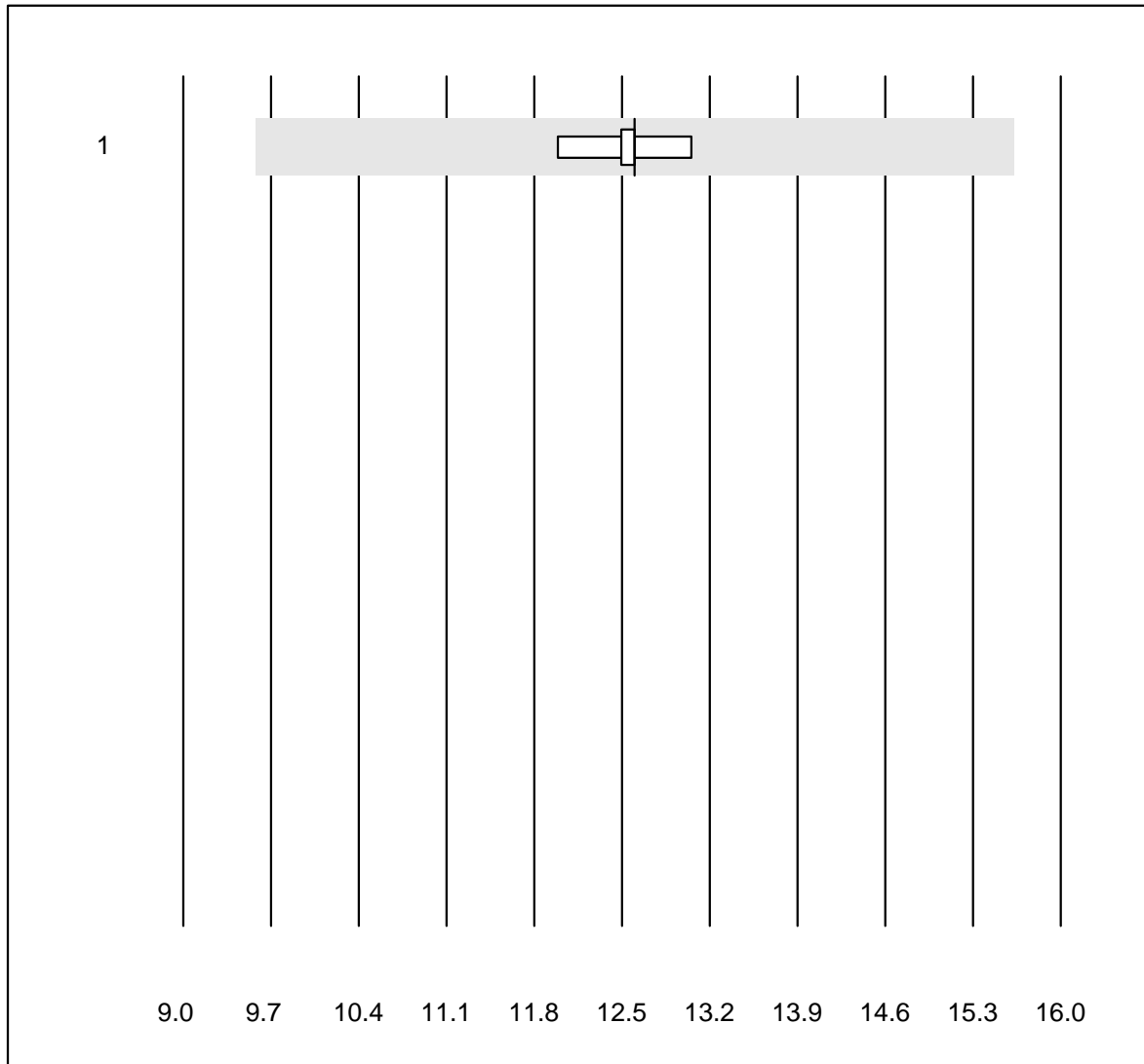
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Formel 1	4	75.0	0.0	25.0	14.6	9.5	a
2	Formel 2	4	100.0	0.0	0.0	27.8	7.0	a

Procalcitonin



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	4	100.0	0.0	0.0	6.00	2.9	e
2	Cobas	8	100.0	0.0	0.0	4.95	5.4	e
3	Mini Vidas	8	100.0	0.0	0.0	5.67	4.8	e
4	Liason	4	100.0	0.0	0.0	8.47	2.9	e

Parathyroid hormone

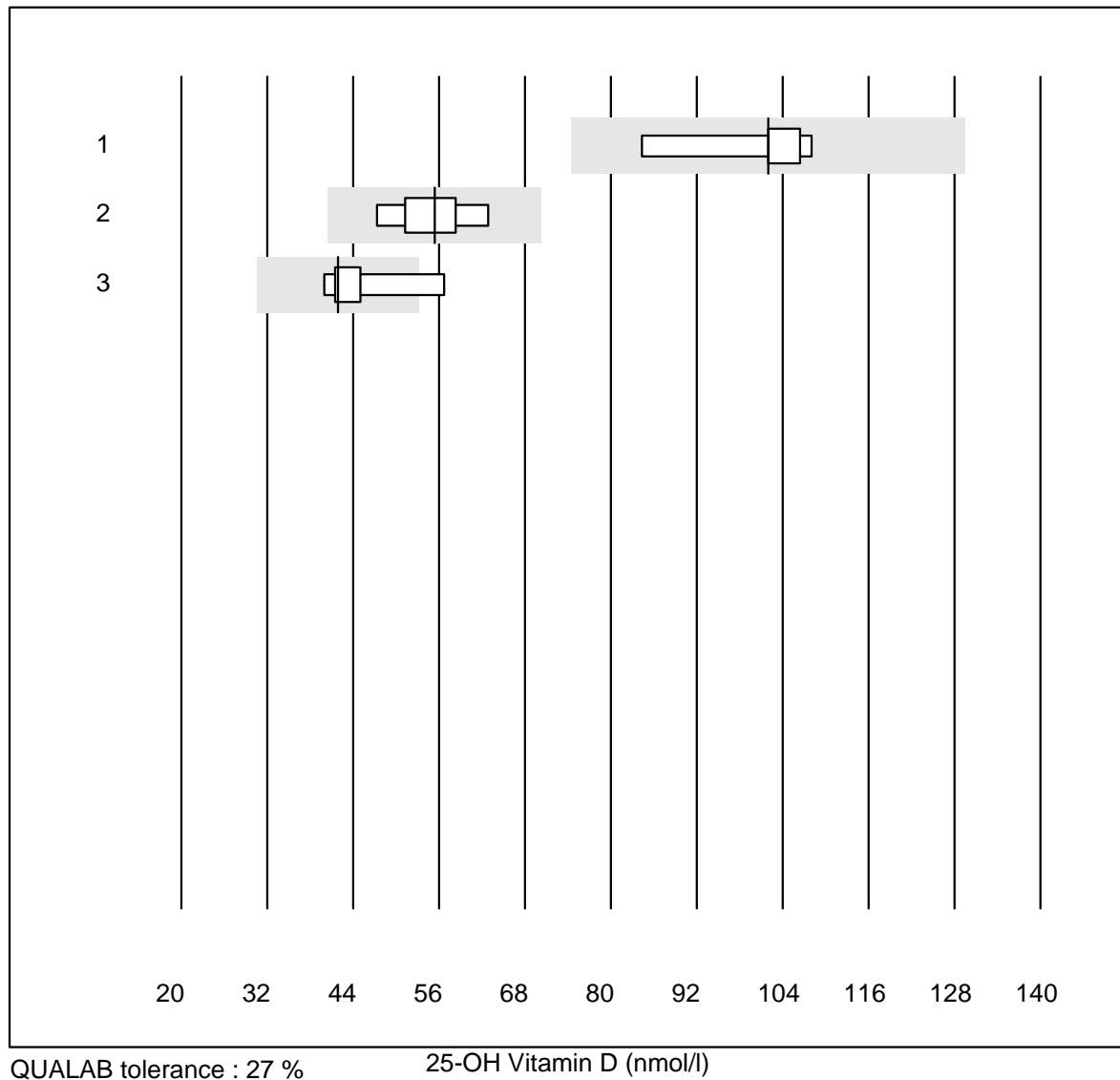


QUALAB tolerance : 24 %

Parathyroid hormone (pmol/l)

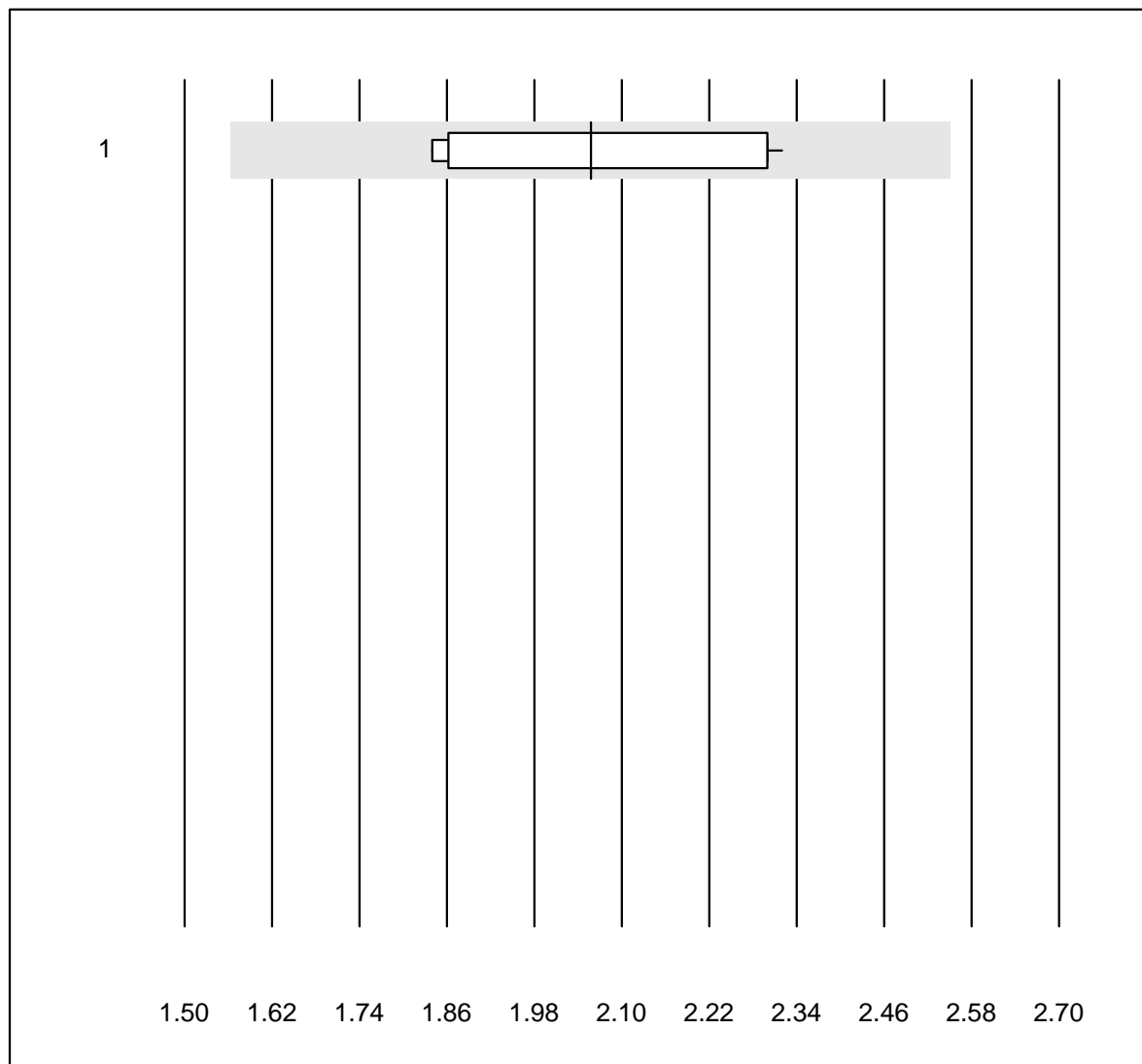
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas PTH STAT	5	100.0	0.0	0.0	12.6	3.0	e

25-OH Vitamin D



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Qualigen	5	100.0	0.0	0.0	102.0	9.4	e*
2	Cobas	7	100.0	0.0	0.0	55.4	9.3	e*
3	Architect	6	83.3	16.7	0.0	41.9	13.9	a

Digoxin

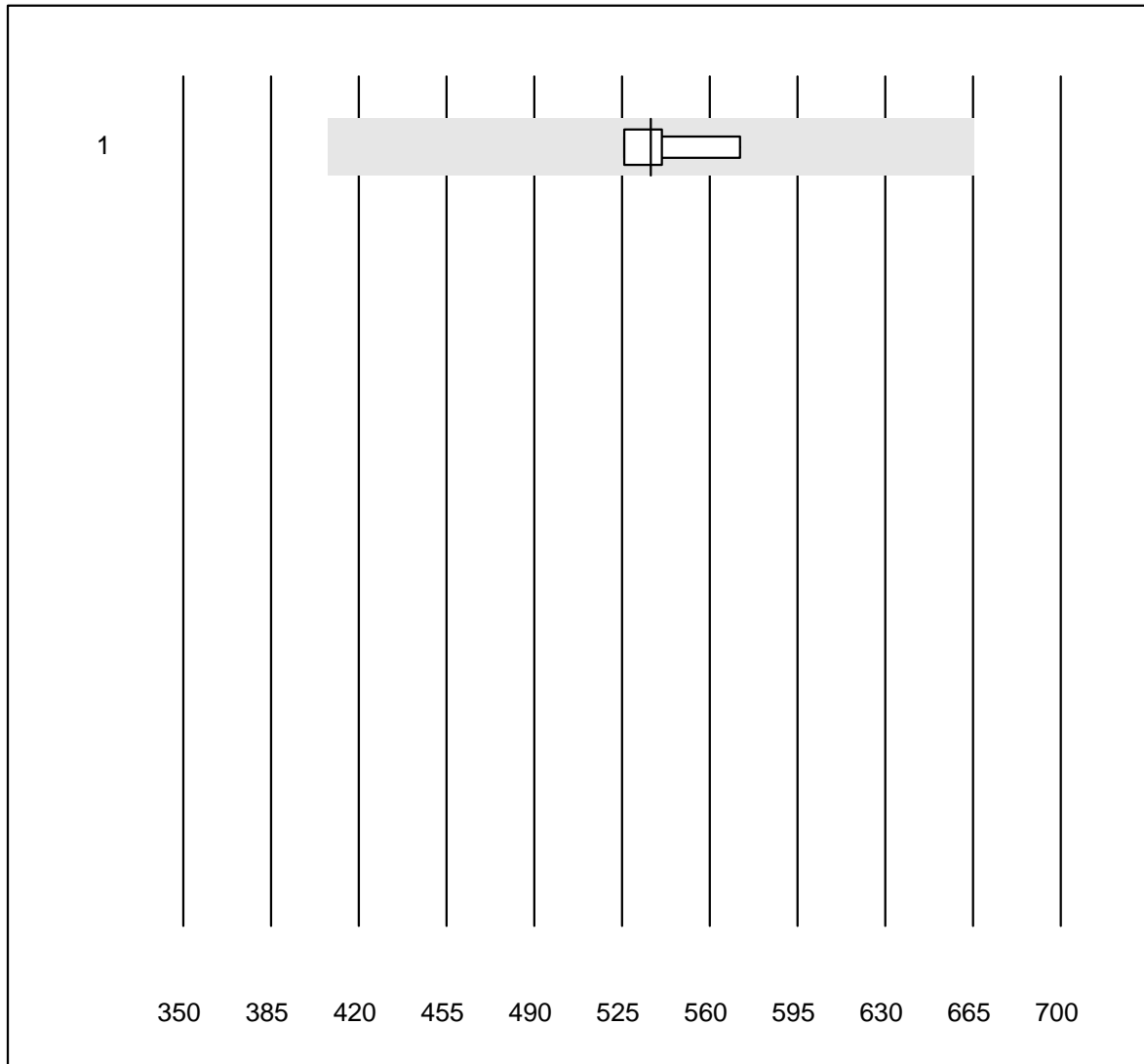


QUALAB tolerance : 24 %

Digoxin (nmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	10	100.0	0.0	0.0	2.06	10.1	e*

Valproat

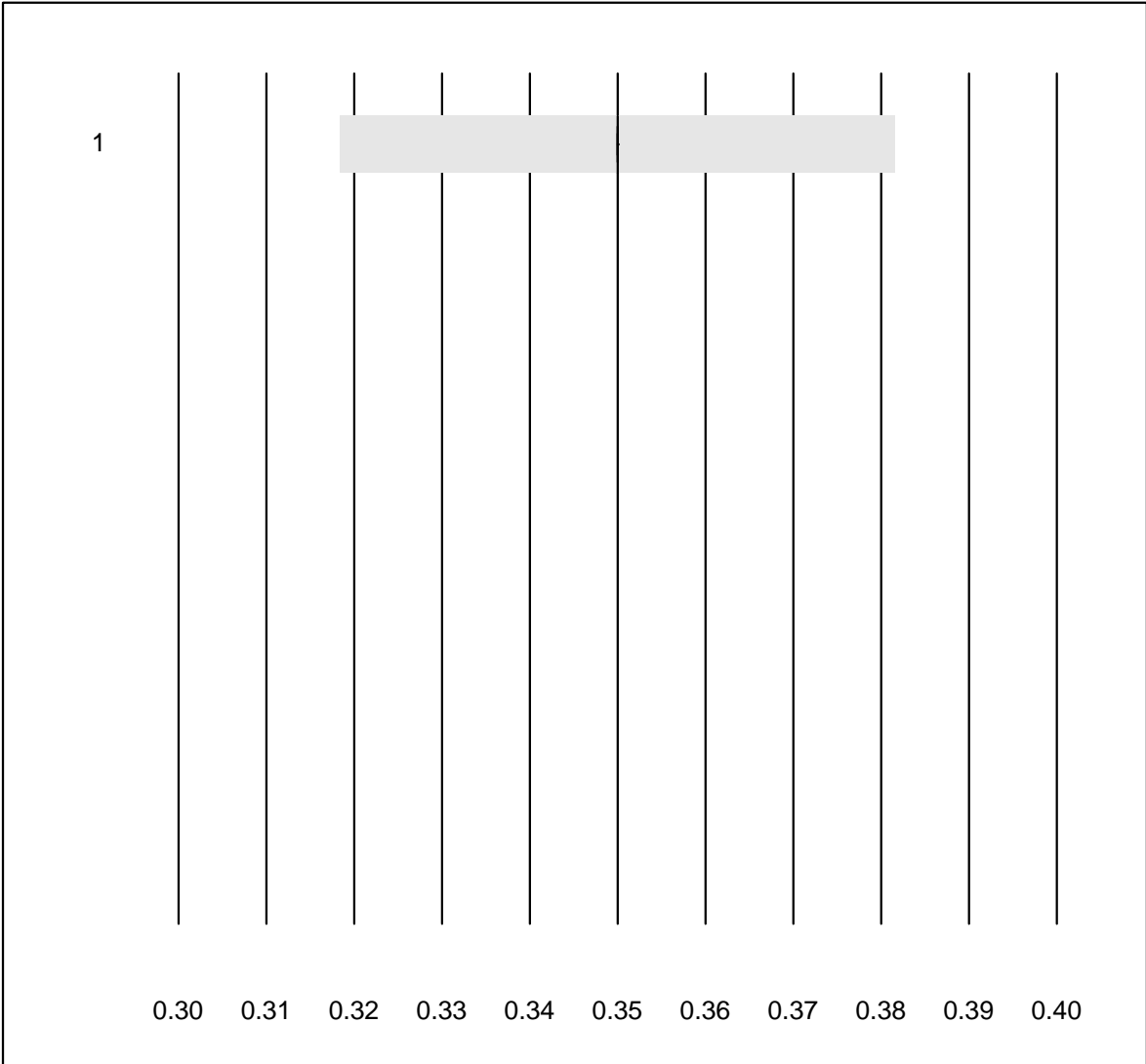


QUALAB tolerance : 24 %

Valproat (µmol/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	all Participants	4	100.0	0.0	0.0	536.5	3.8	e

Hematocrit

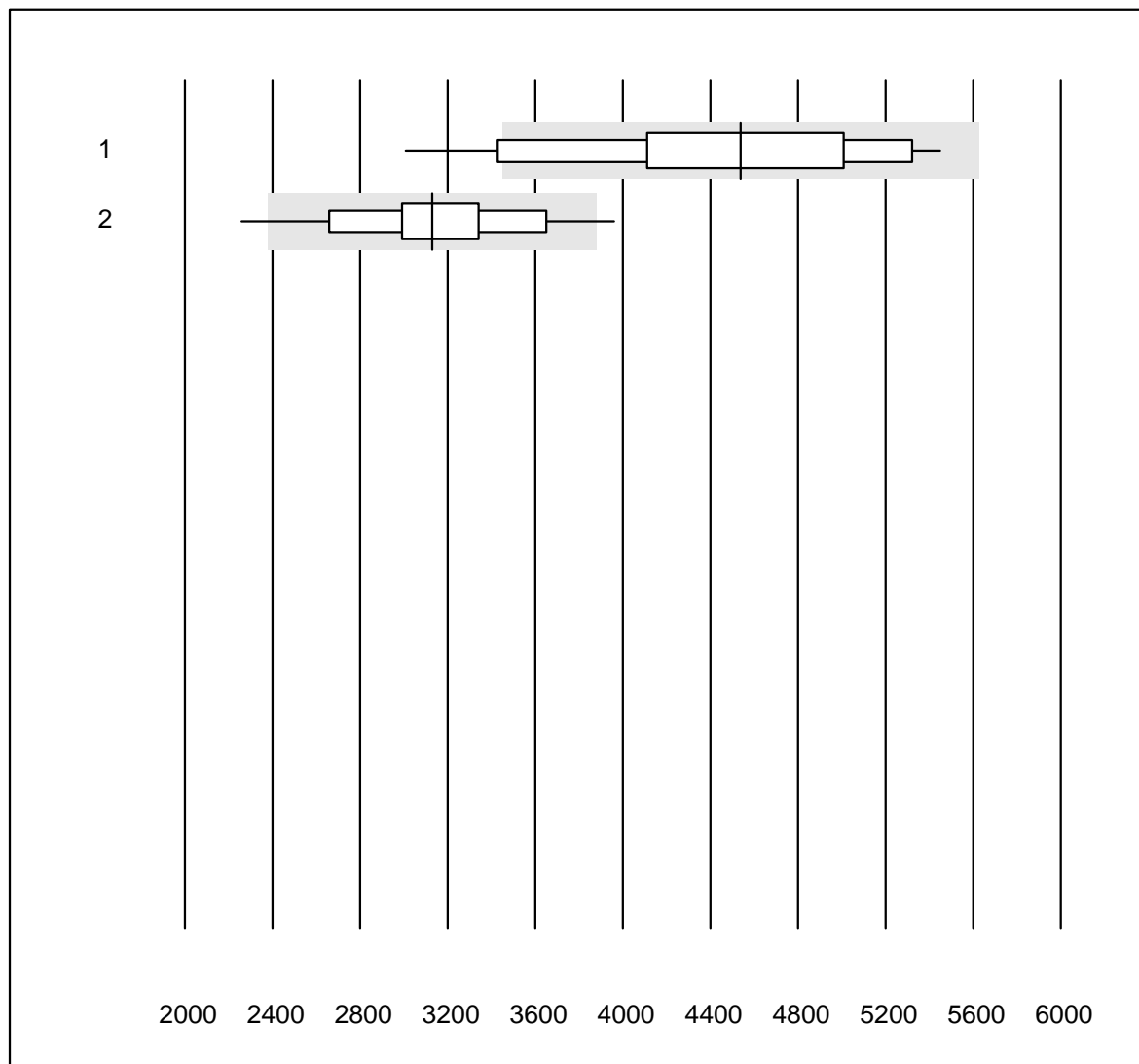


QUALAB tolerance : 9 %

Hematocrit (l/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1	EPOC	4	100.0	0.0	0.0	0.35	0.0	e

Troponin Triage

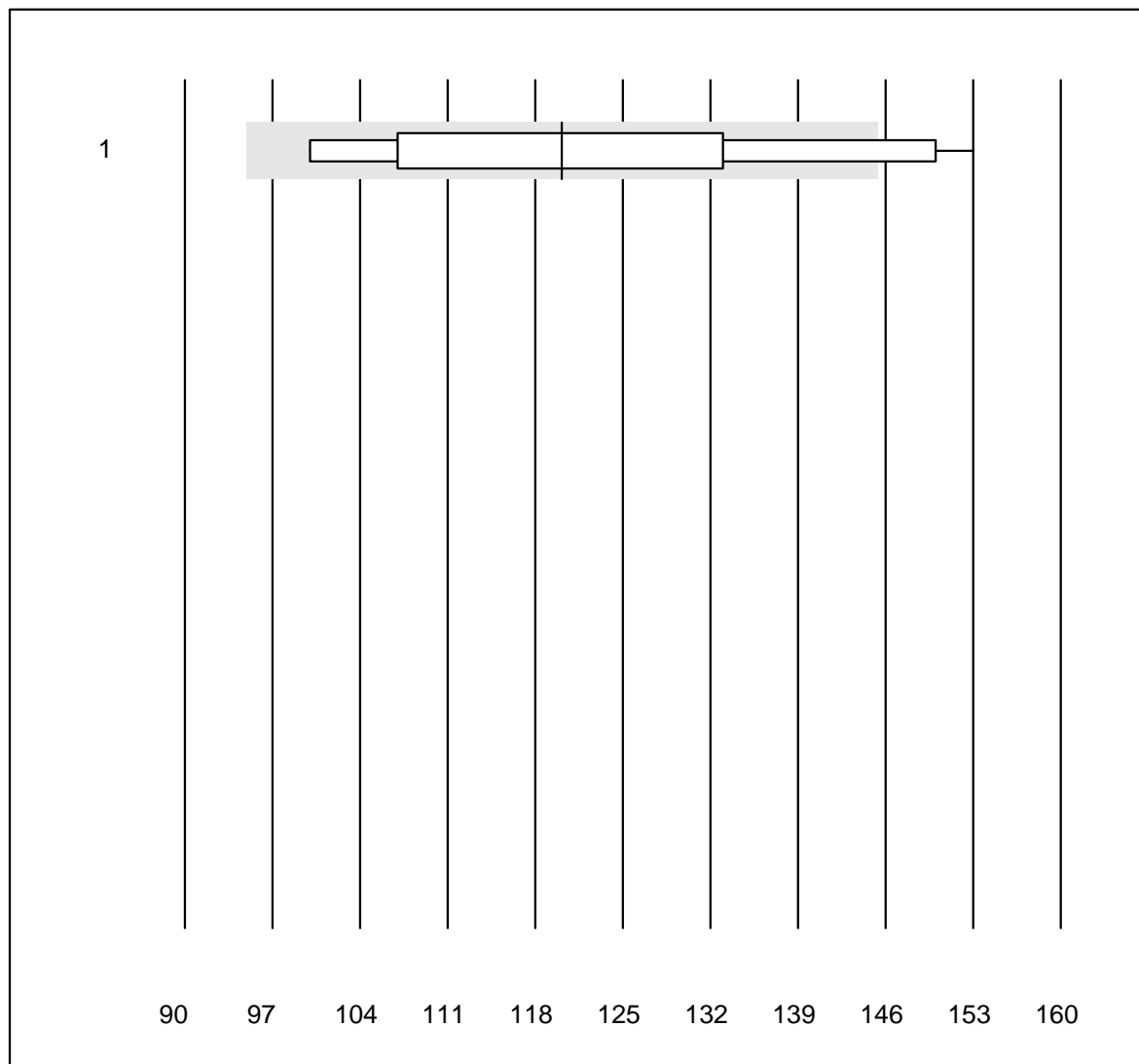


QUALAB tolerance : 24 %

Troponin Triage (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Next Gen	25	68.0	8.0	24.0	4537.89	14.5	e*
2	Triage SOB/Cardiac	23	82.6	8.7	8.7	3129.52	12.7	e

D-dimer Triage

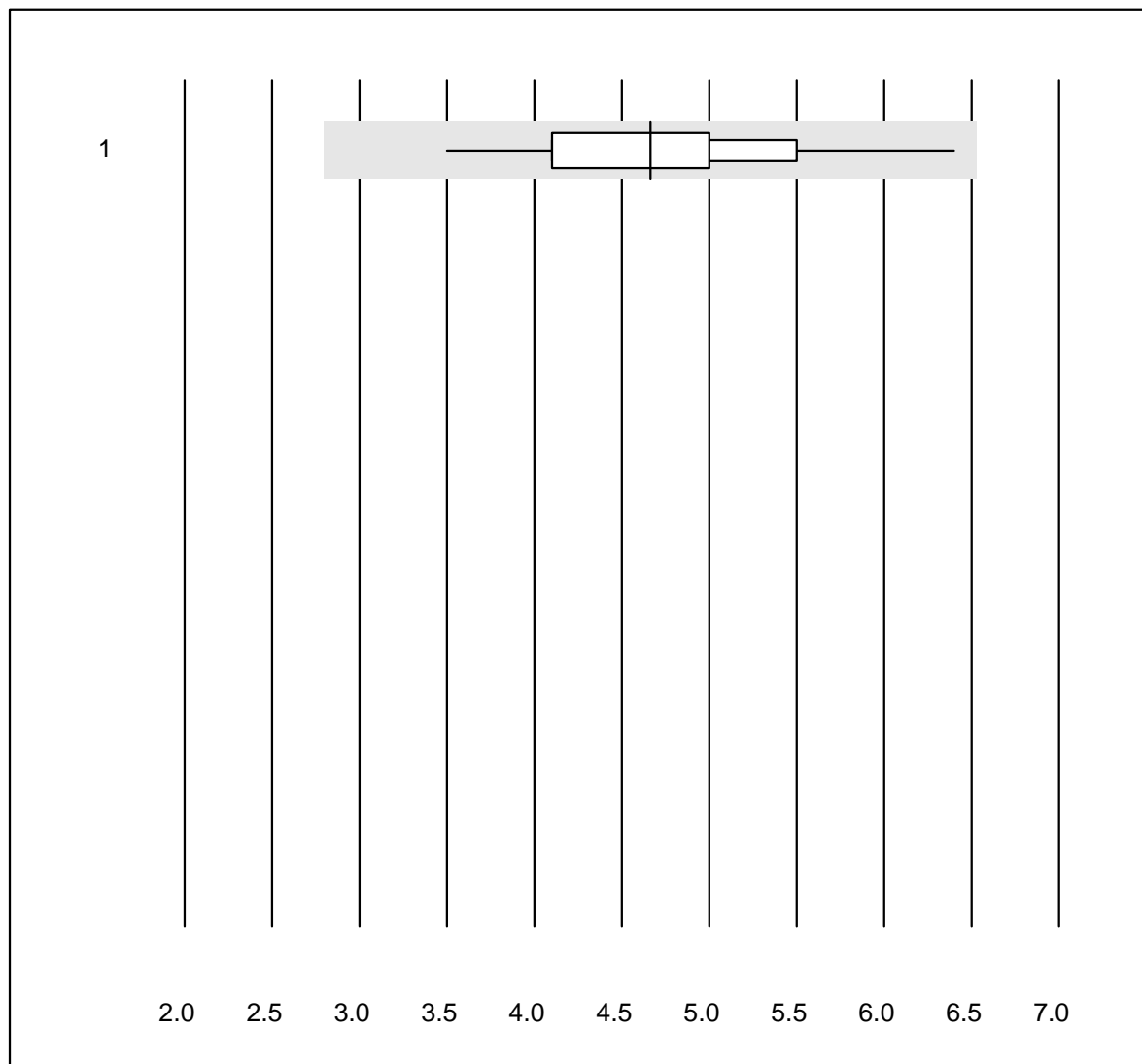


QUALAB tolerance : 21 %

D-dimer Triage (ng/ml)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Triage	45	71.1	11.1	17.8	120.14	14.2	e

CK-MB Triage

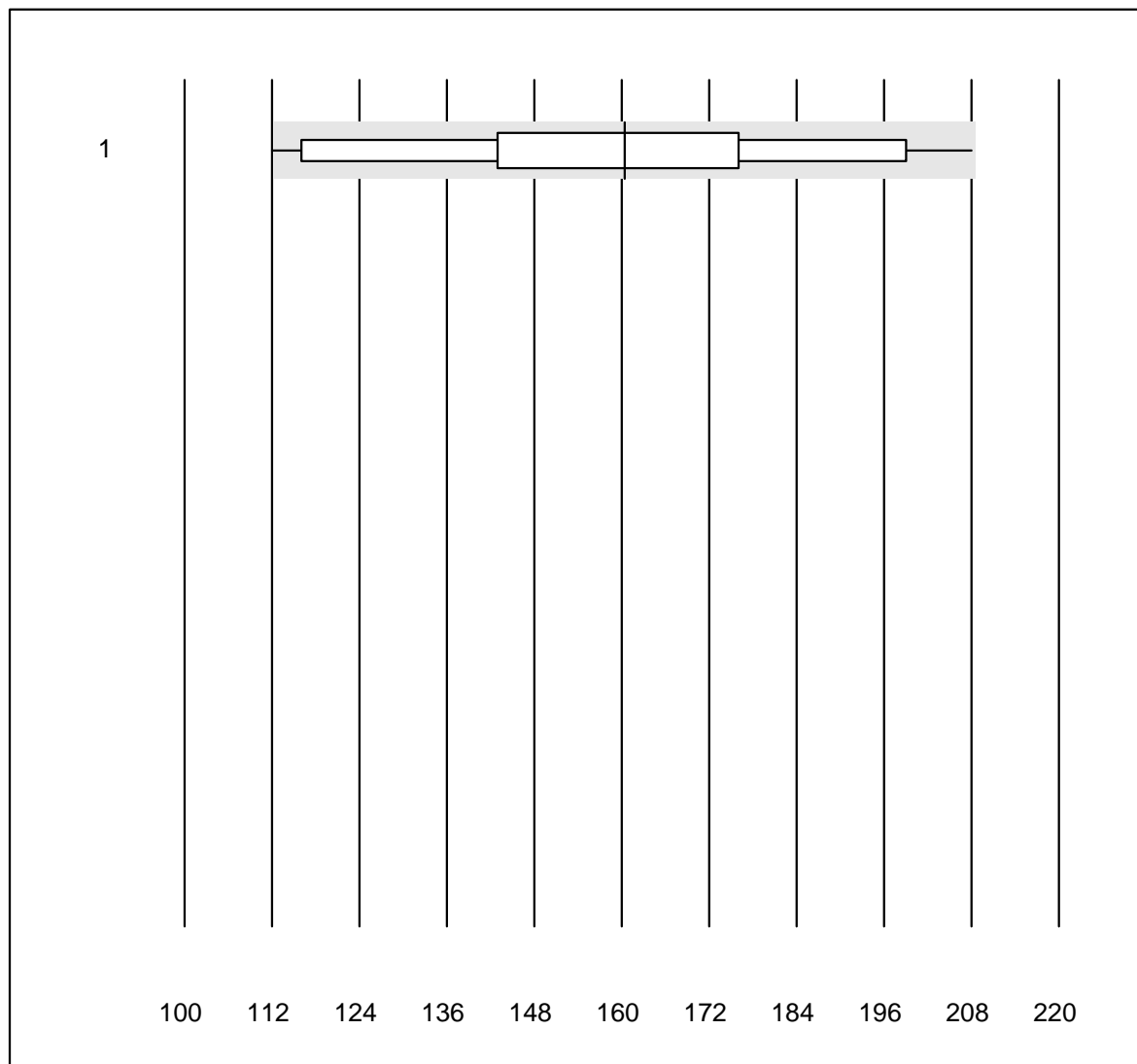


QUALAB tolerance : 40 %

CK-MB Triage (µg/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Triage	22	100.0	0.0	0.0	4.7	15.2	e

Myoglobin Triage

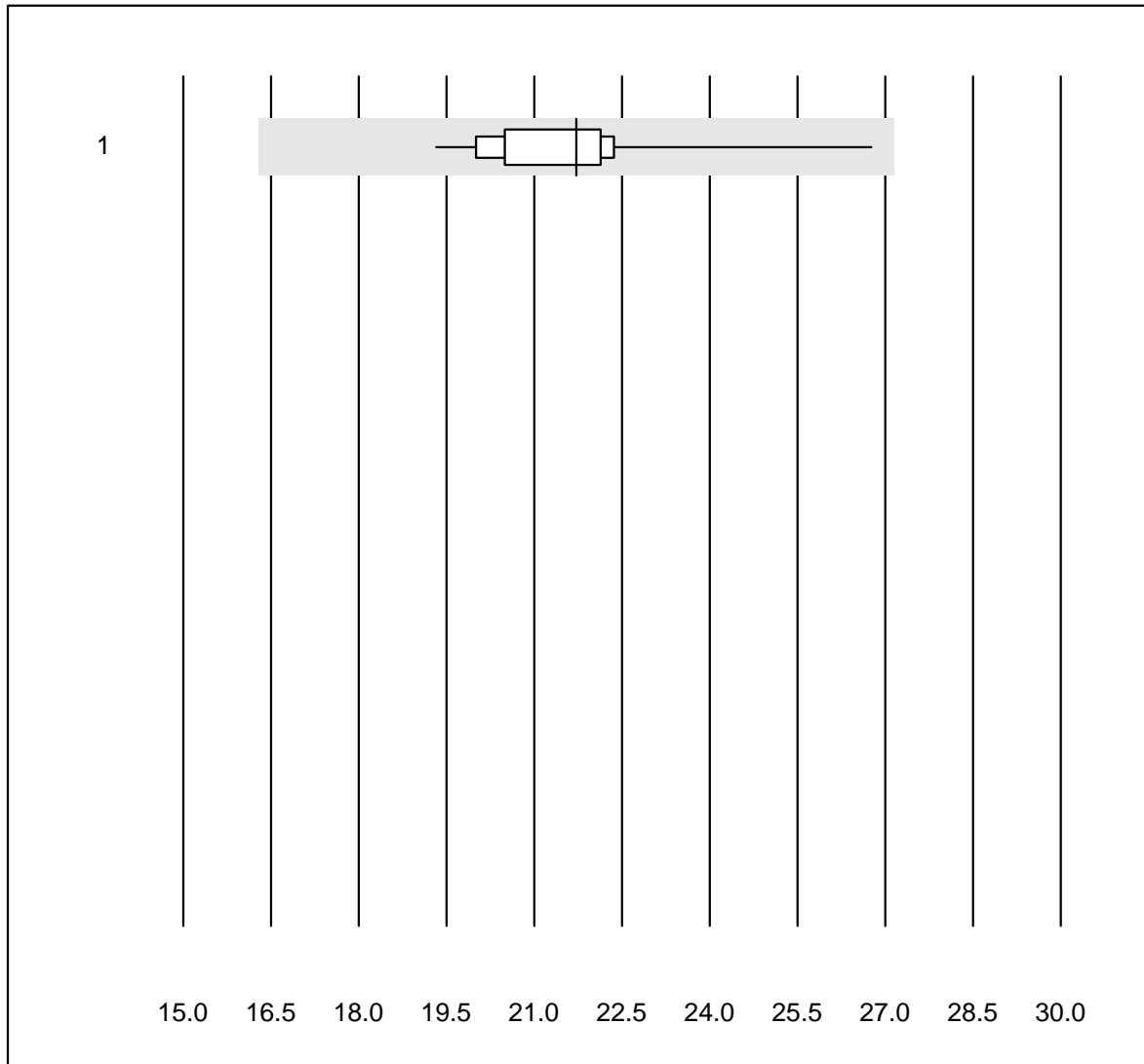


QUALAB tolerance : 30 %

Myoglobin Triage (µg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage	20	95.0	5.0	0.0	160.4	16.8	e*

Ethanol



QUALAB tolerance : 25 %

Ethanol (mmol/l)

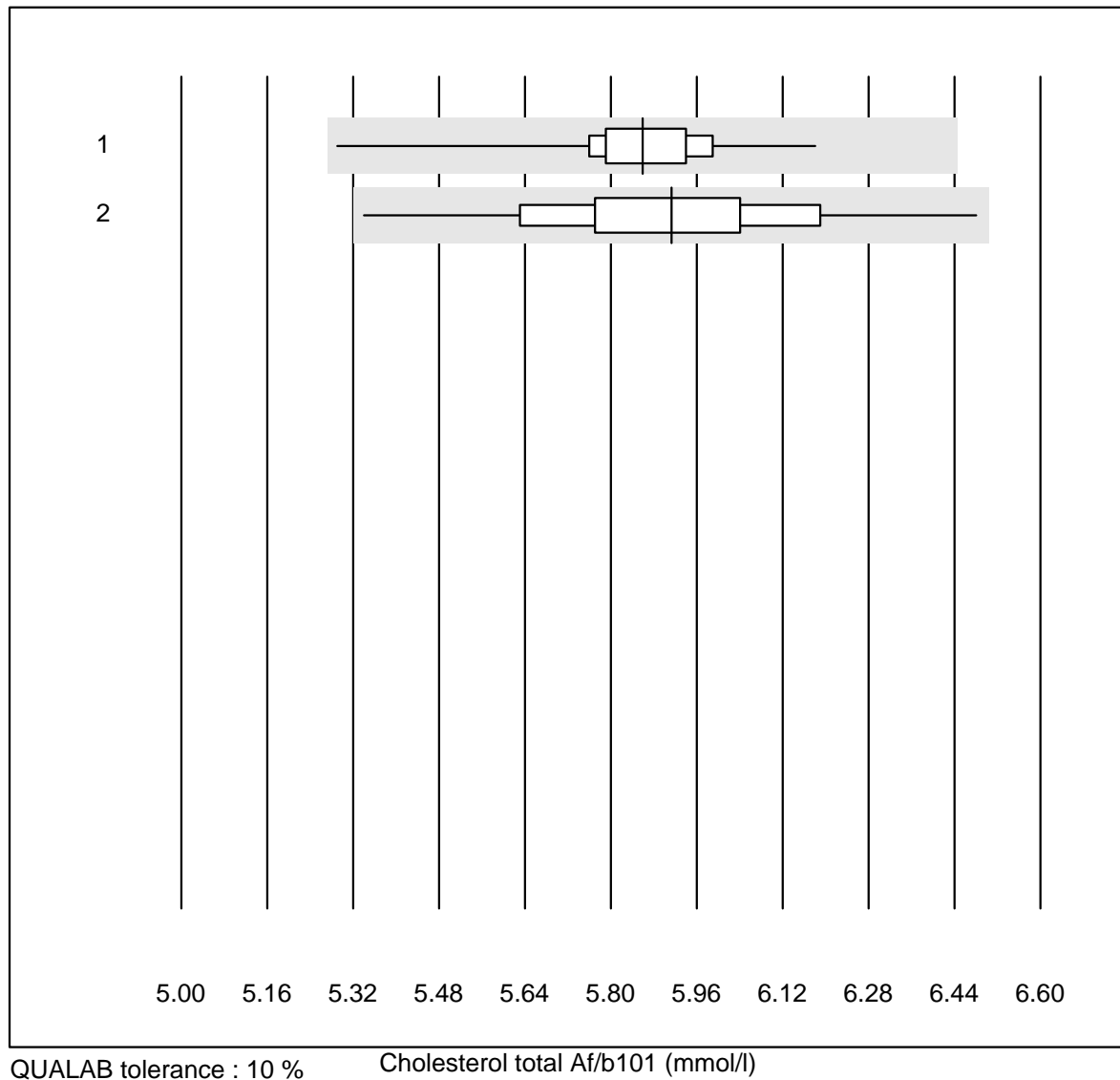
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Type
1 all Participants	11	100.0	0.0	0.0	21.7	8.9	e

Calprotectin



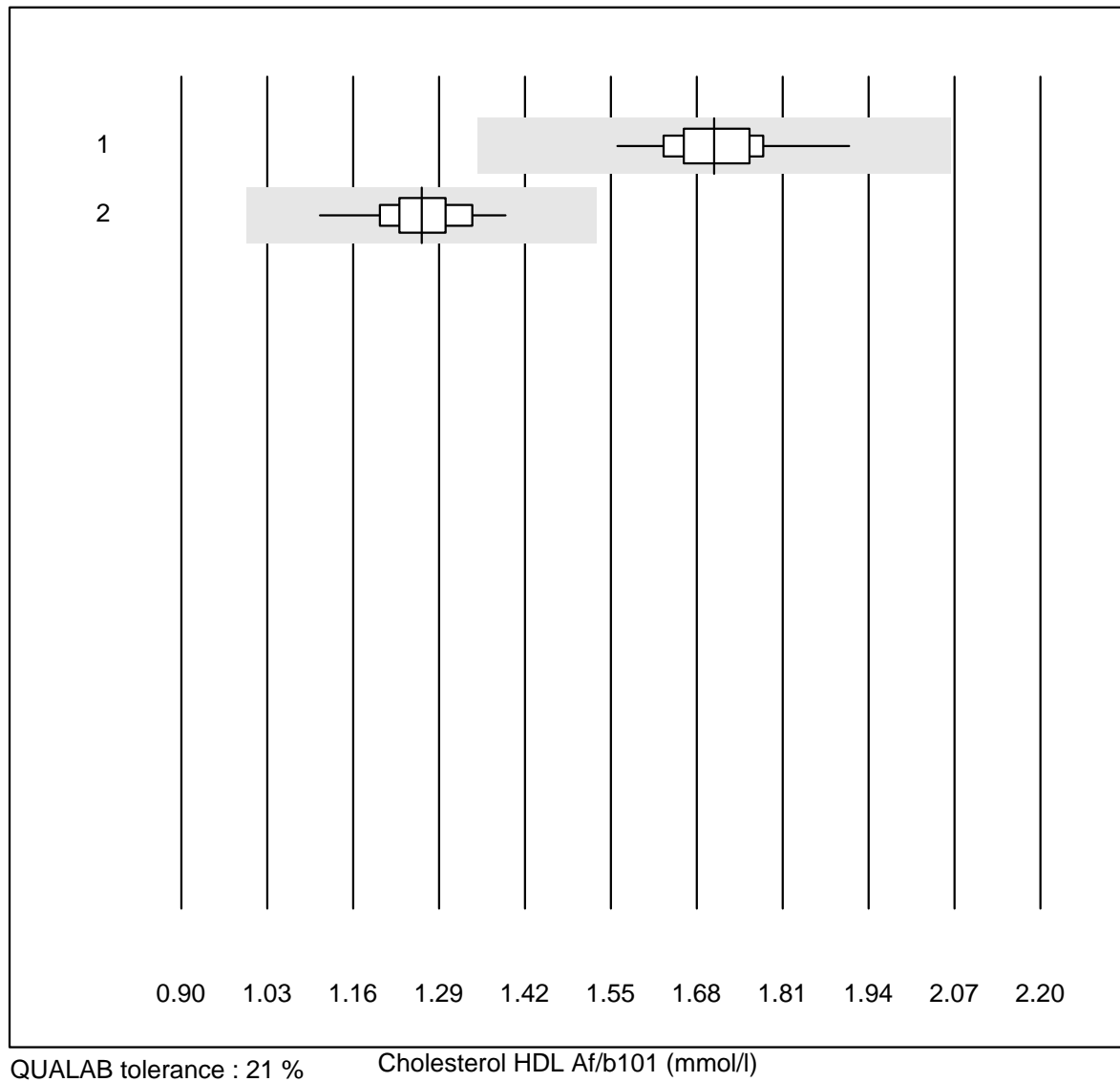
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Bühlmann	7	85.7	0.0	14.3	95	19.2	a

Cholesterol total Af/b101



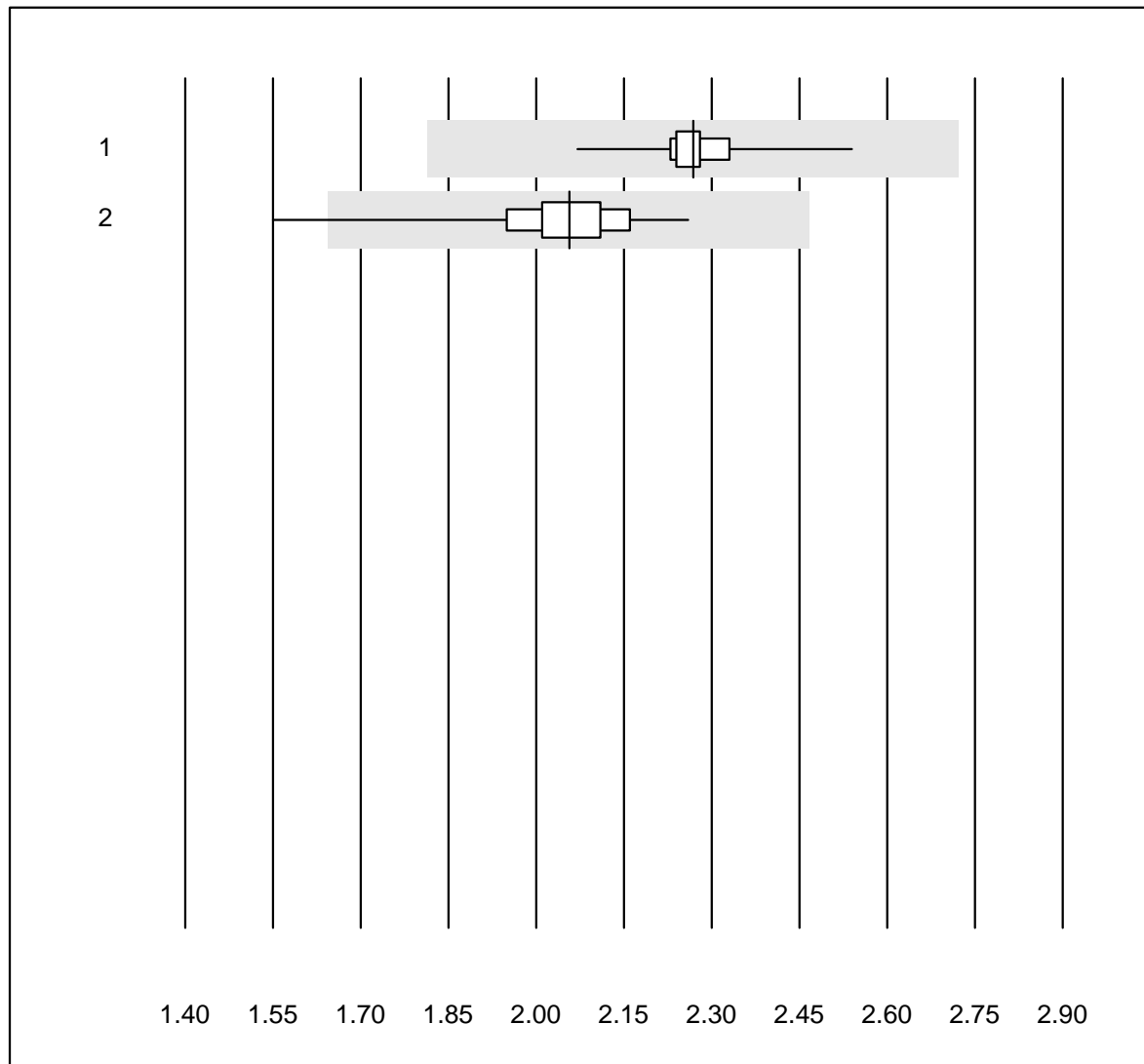
No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	43	97.7	0.0	2.3	5.86	2.4	e
2	Afinion	246	98.4	0.0	1.6	5.91	3.6	e

Cholesterol HDL Af/b101



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	43	97.7	0.0	2.3	1.71	3.9	e
2	Afinion	240	95.8	0.0	4.2	1.26	4.1	e

Tryglycerides Af/b101

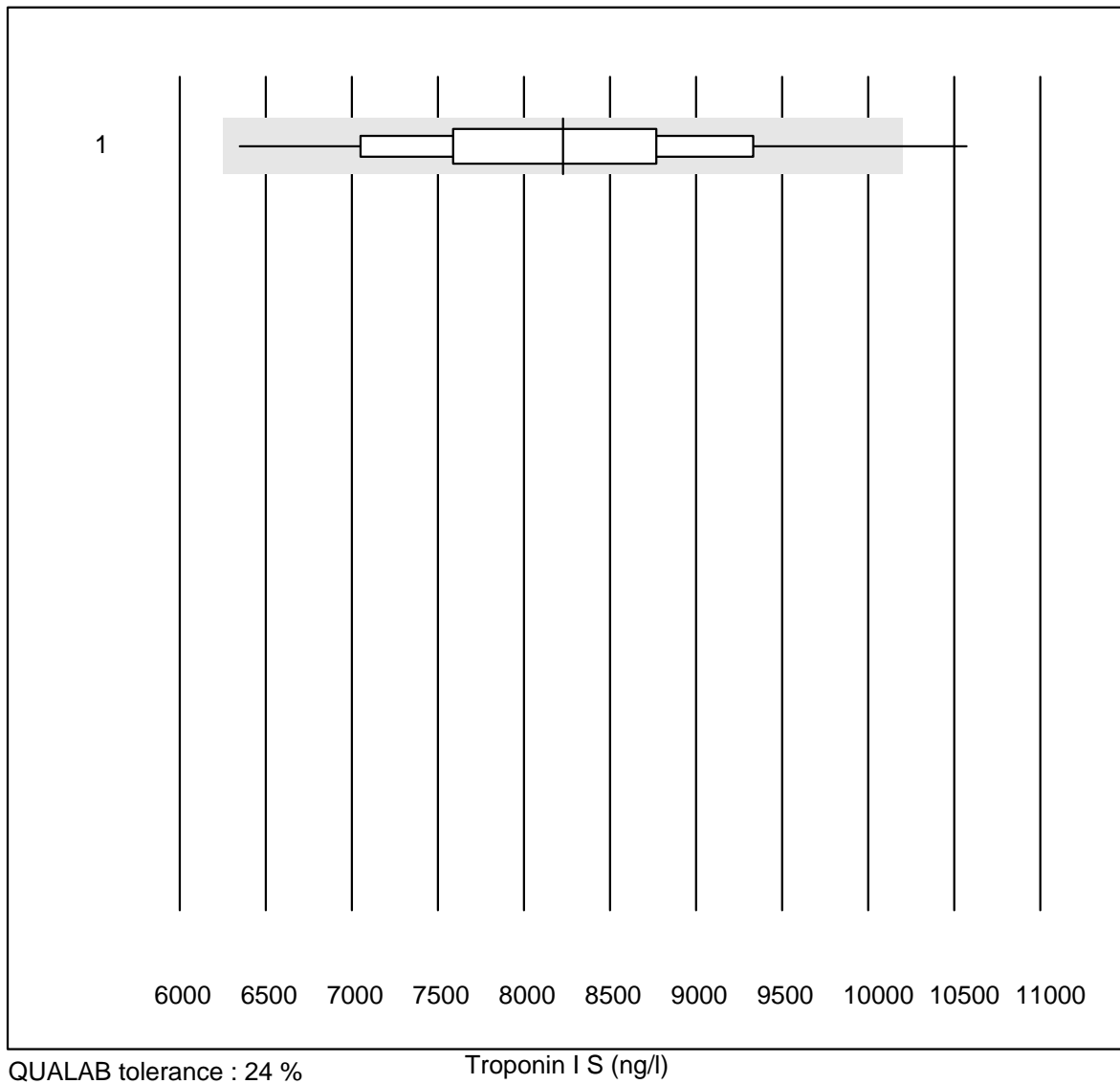


QUALAB tolerance : 20 %

Tryglycerides Af/b101 (mmol/l)

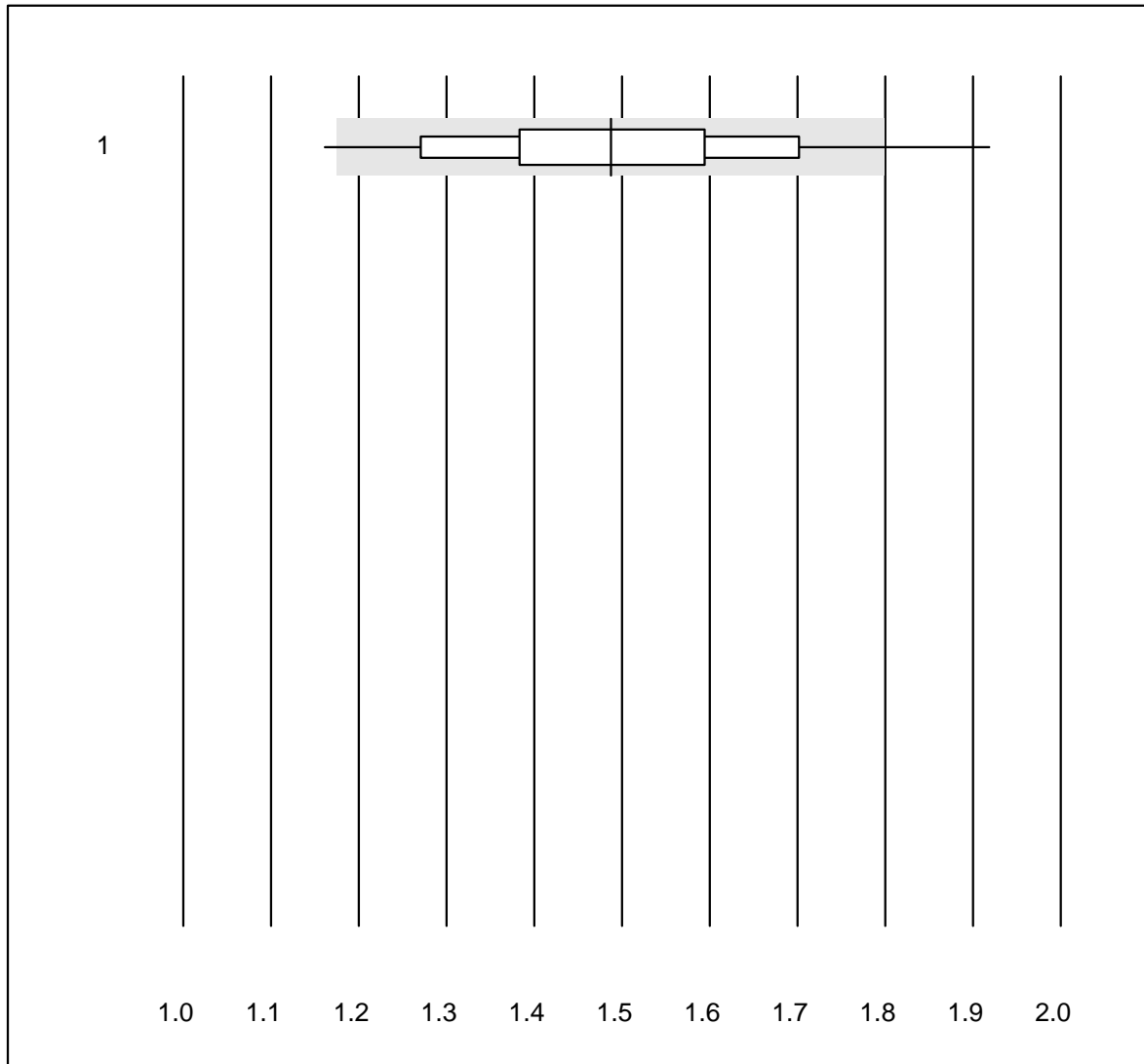
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	43	100.0	0.0	0.0	2.27	2.8	e
2	Afinion	244	97.6	0.4	2.0	2.06	4.0	e

Troponin I S



No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	68	94.2	2.9	2.9	8228.23	11.2	e

D-dimer qn S



QUALAB tolerance : 21 %

D-dimer qn S (mg/l)

No.	Method	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	83	90.4	7.2	2.4	1.49	11.4	e

NT-pro BNP S

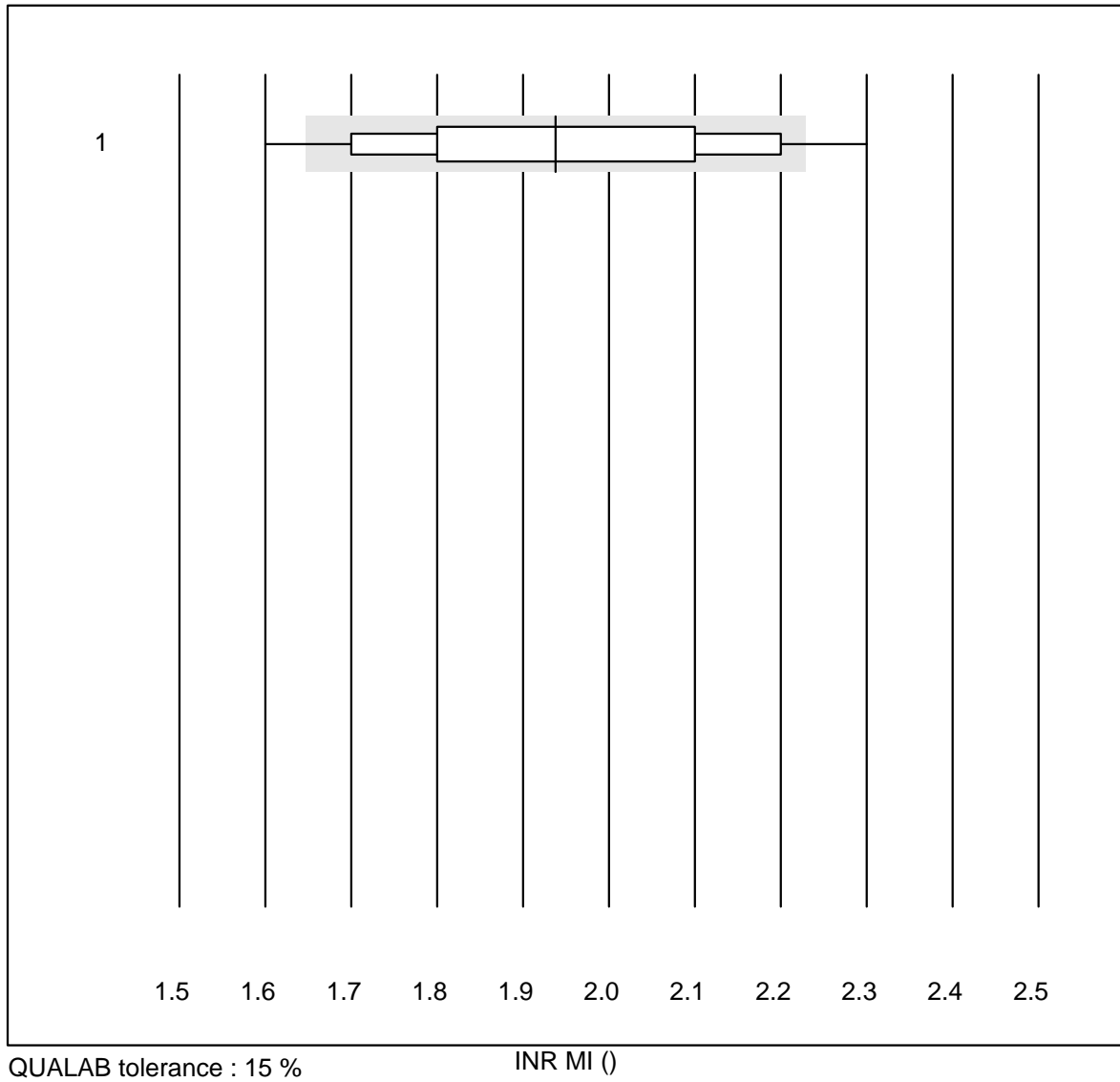


QUALAB tolerance : 27 %

NT-pro BNP S (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	55	69.1	18.2	12.7	1121.5	19.6	e

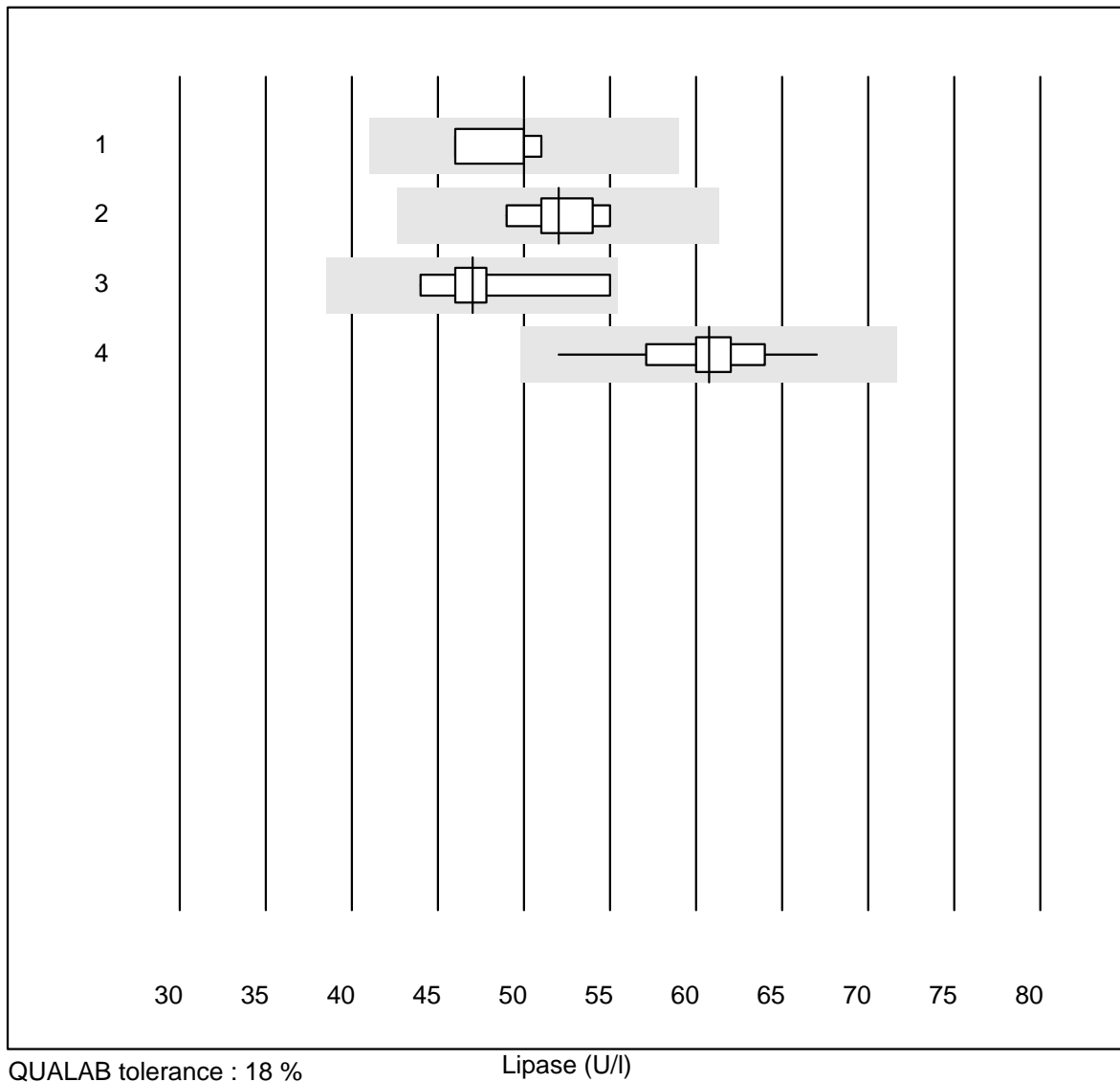
INR MI



QUALAB tolerance : 15 %

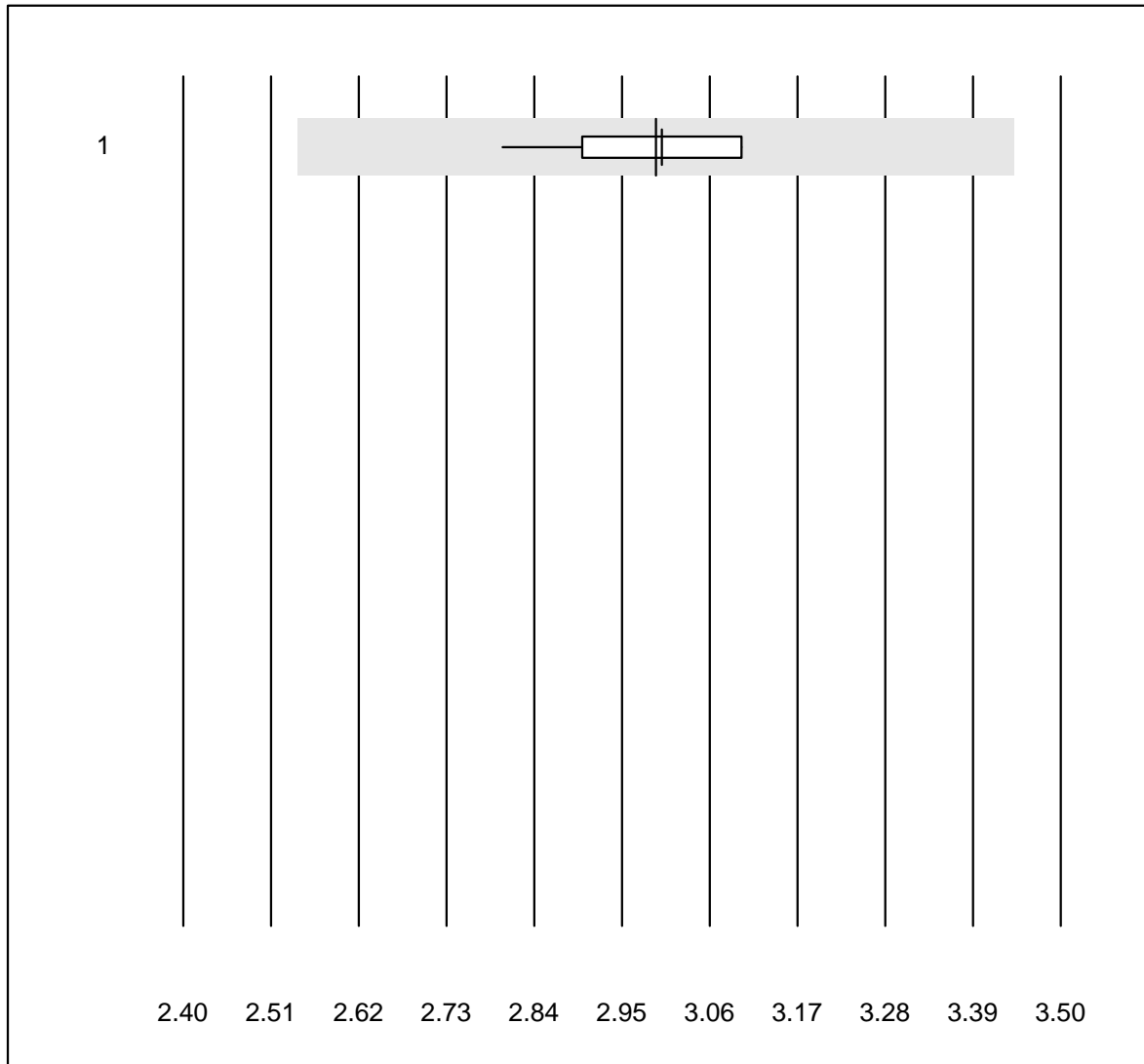
No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 microINR	65	81.5	7.7	10.8	1.9	9.2	e

Lipase



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	50.0	4.5	e*
2	Beckman DXC	5	100.0	0.0	0.0	52.0	4.6	e
3	Cobas	9	100.0	0.0	0.0	47.0	6.7	e*
4	Fuji Dri-Chem	78	97.4	0.0	2.6	60.8	4.2	e

INR Xprecia

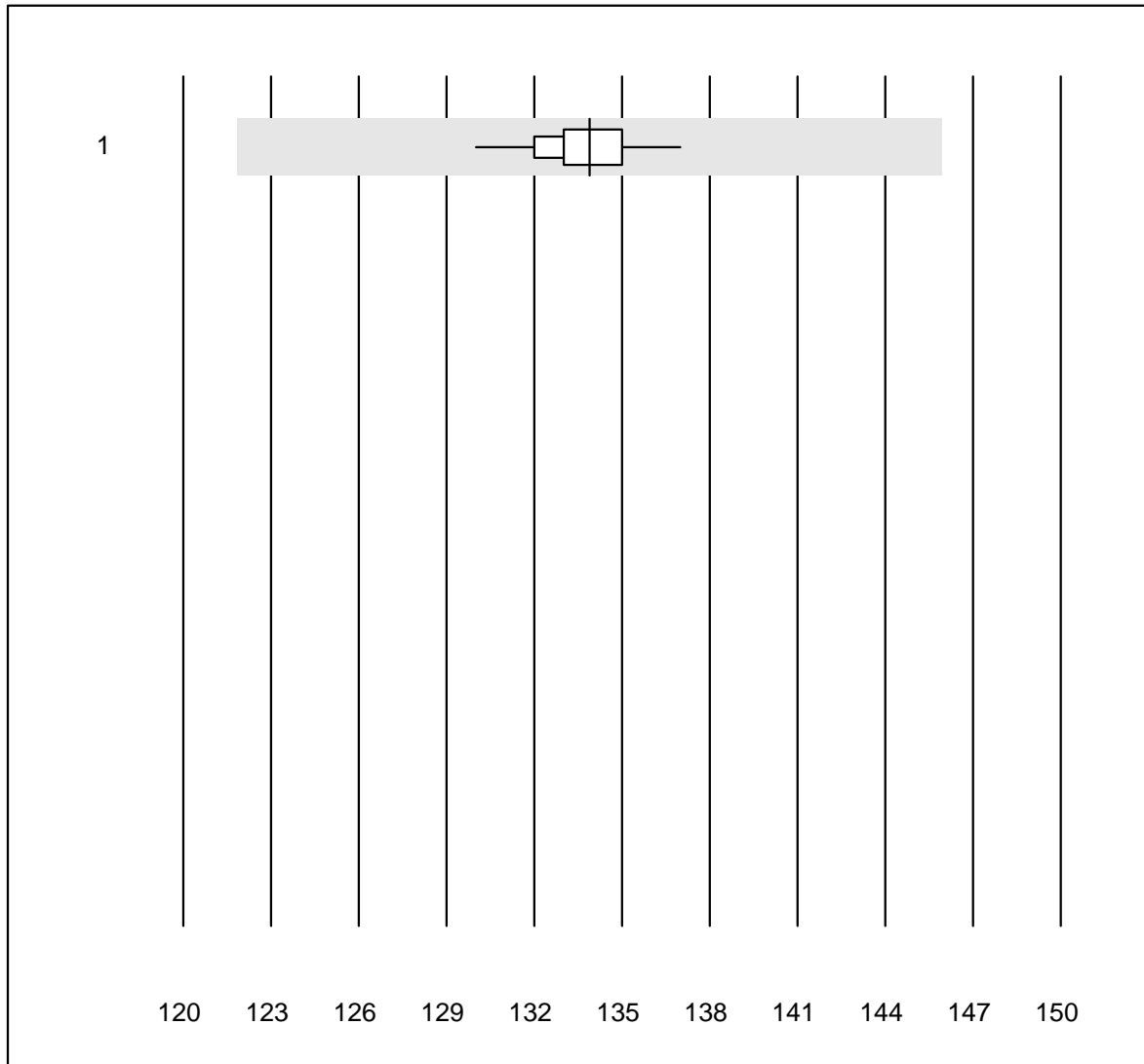


QUALAB tolerance : 15 %

INR Xprecia ()

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Xprecia	13	100.0	0.0	0.0	3.0	2.9	e

Hemoglobin

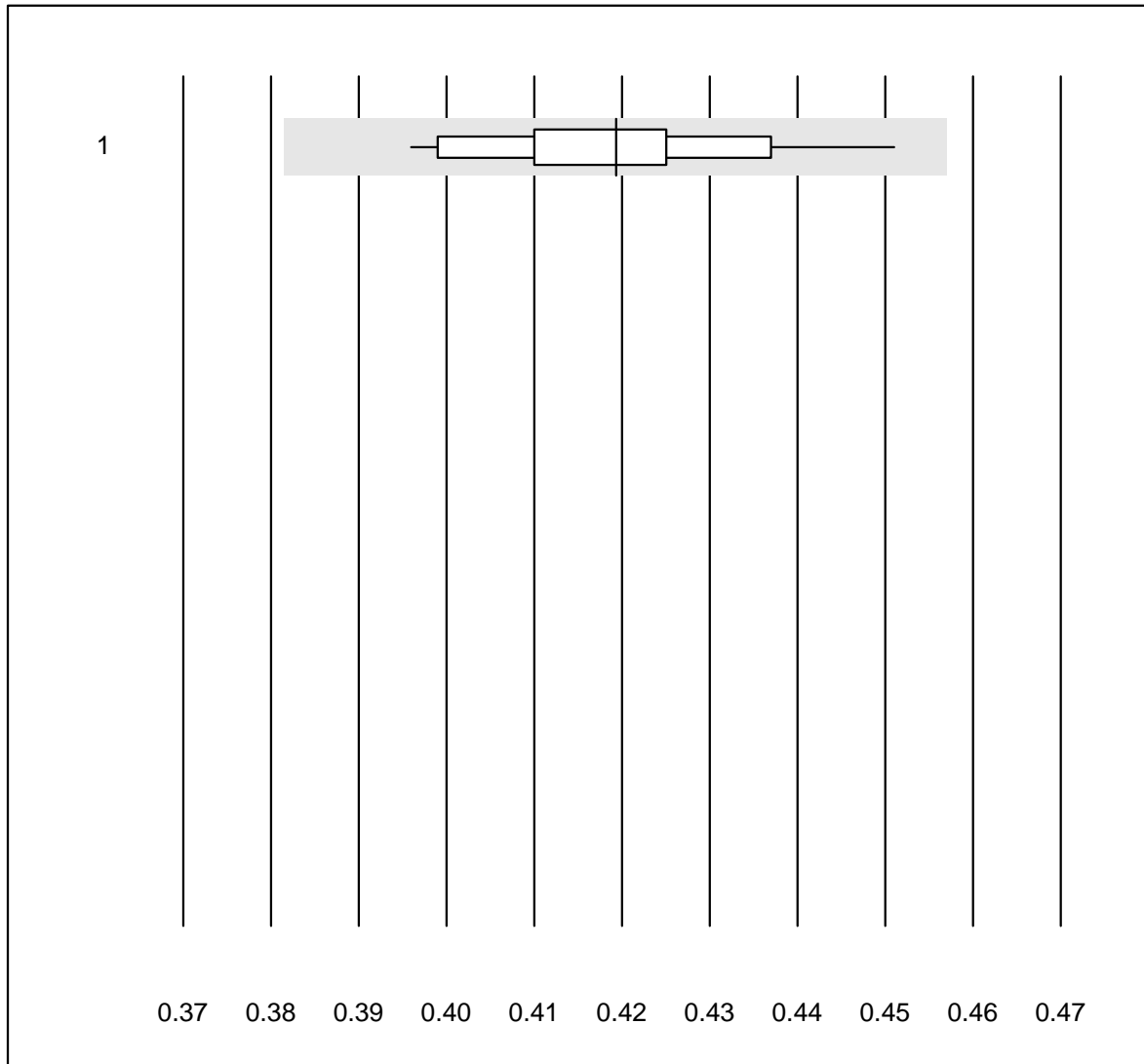


QUALAB tolerance : 9 %

Hemoglobin (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	33	100.0	0.0	0.0	133.9	1.2	e

Hematocrit

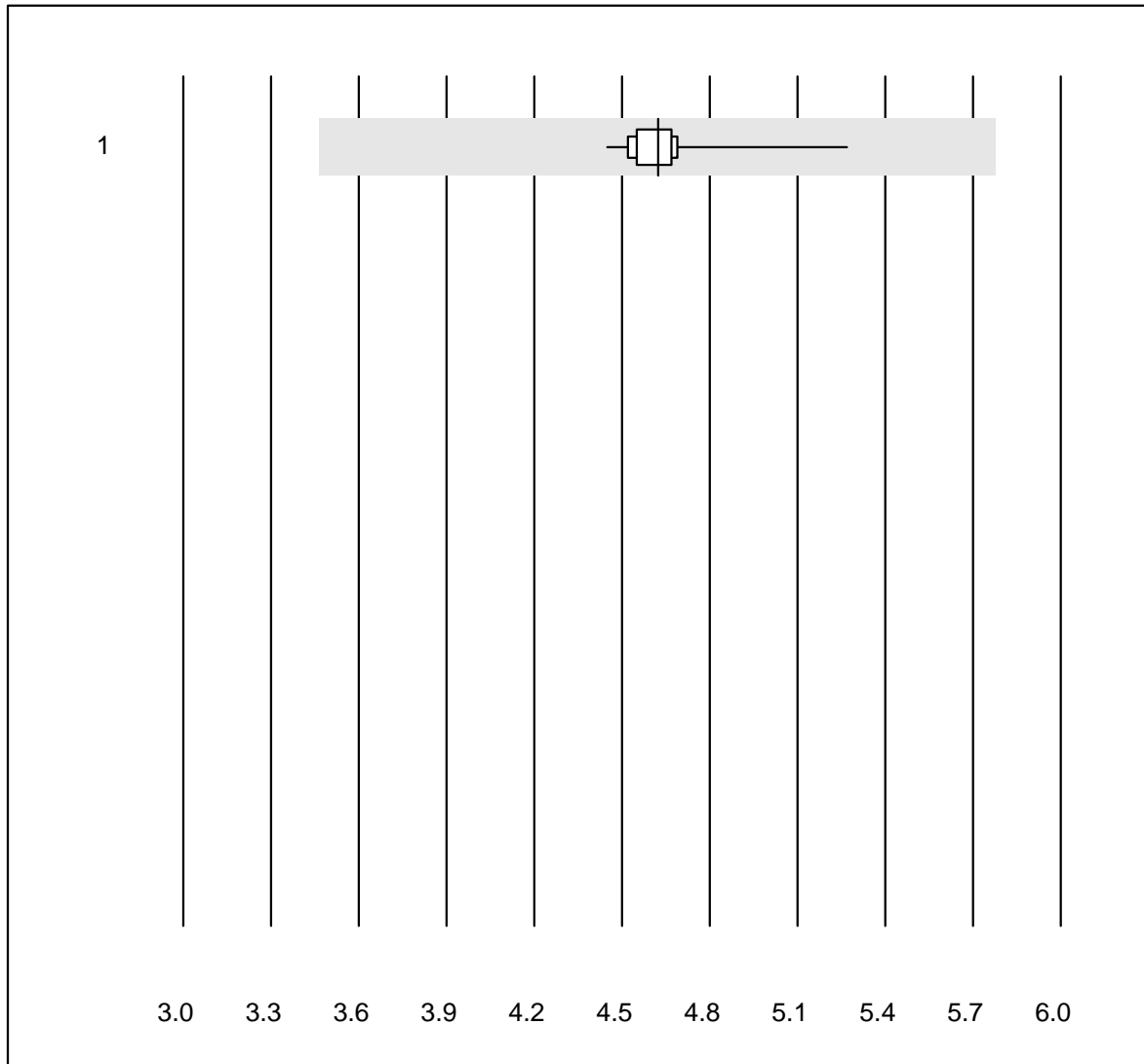


QUALAB tolerance : 9 %

Hematocrit (l/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Sysmex	33	97.0	0.0	3.0	0.42	3.3	e

Erythrocytes

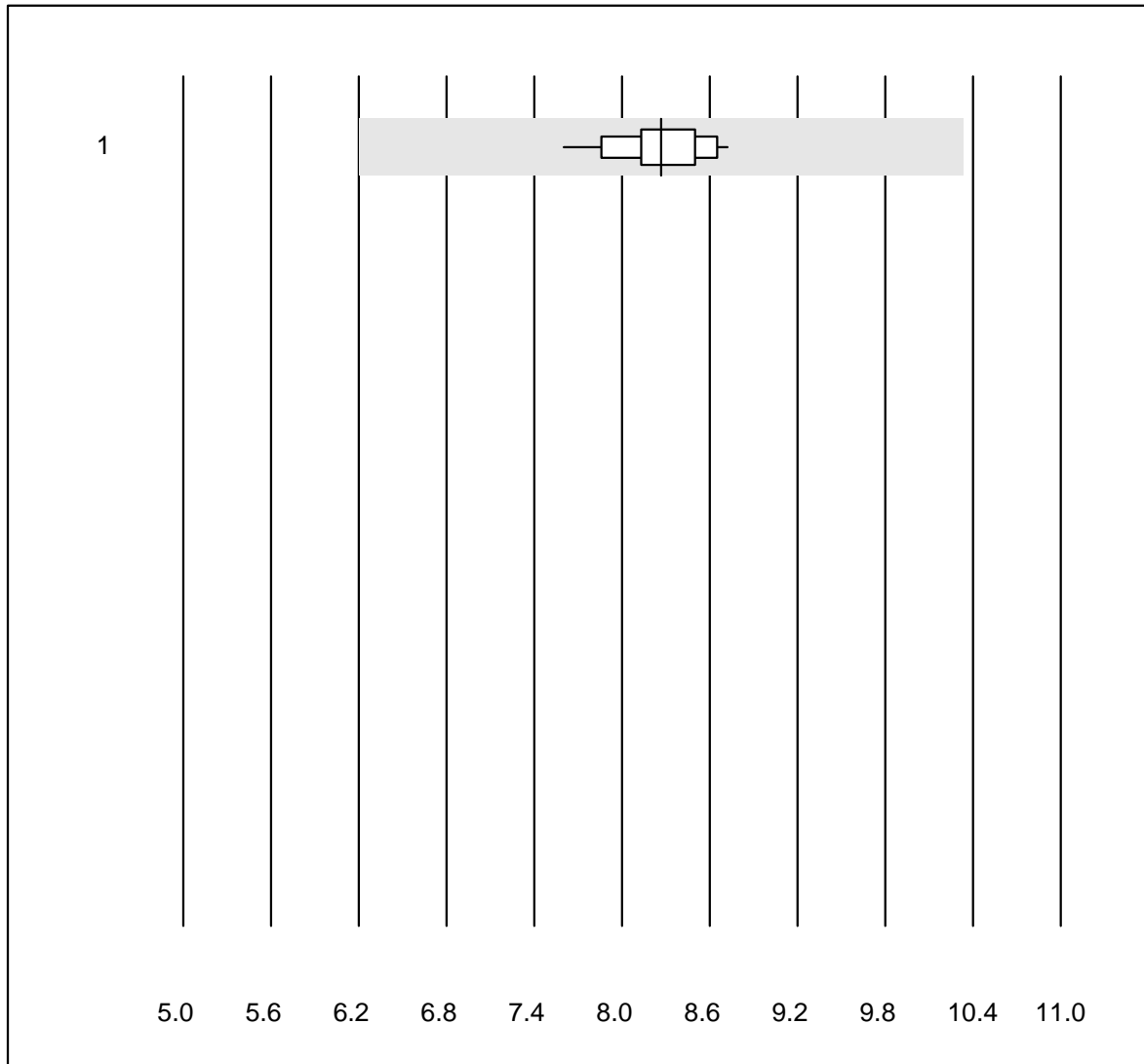


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	33	100.0	0.0	0.0	4.62	2.9	e

Leucocytes

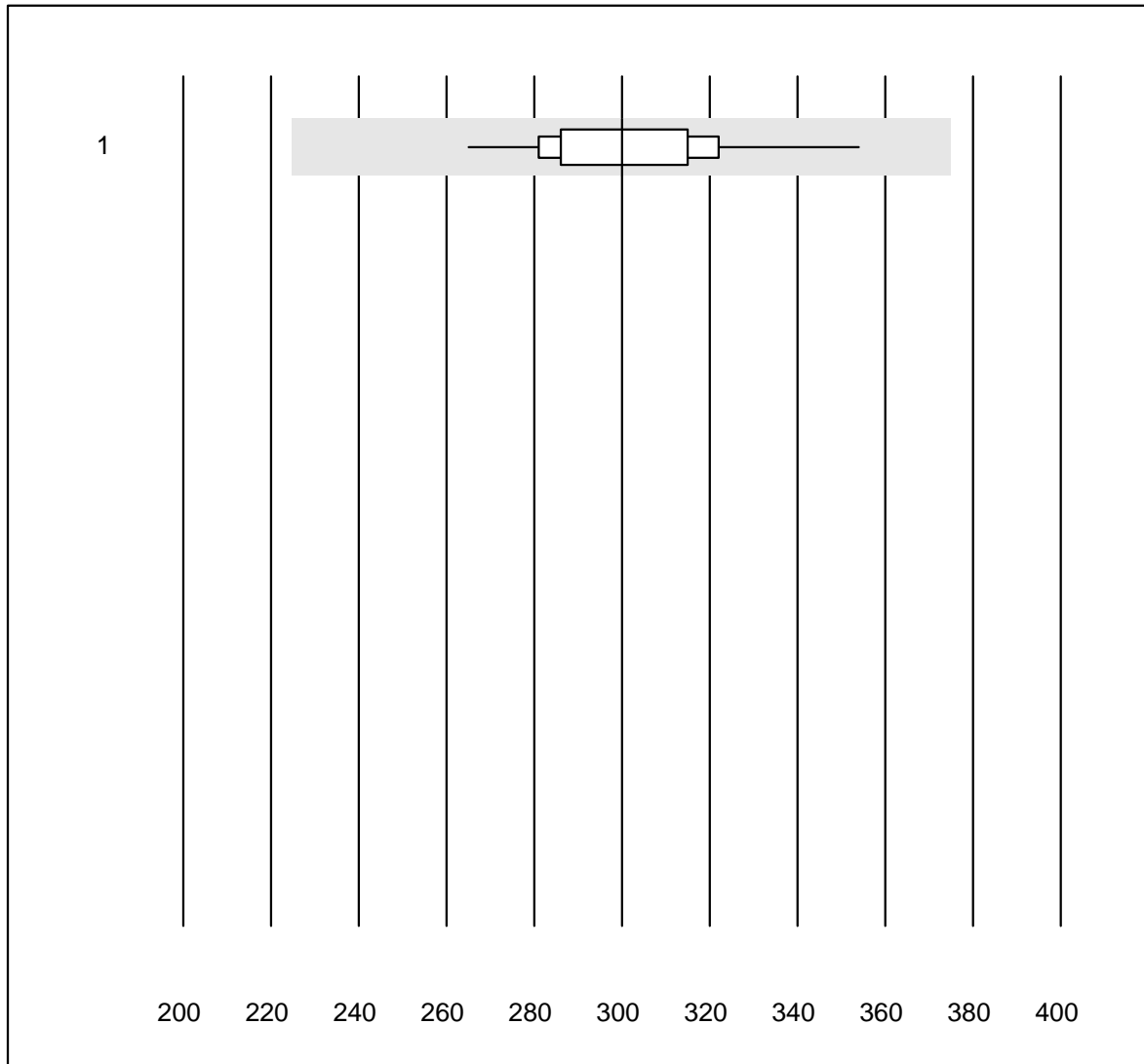


QUALAB tolerance : 25 %

Leucocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	34	100.0	0.0	0.0	8.27	3.4	e

Thrombocytes

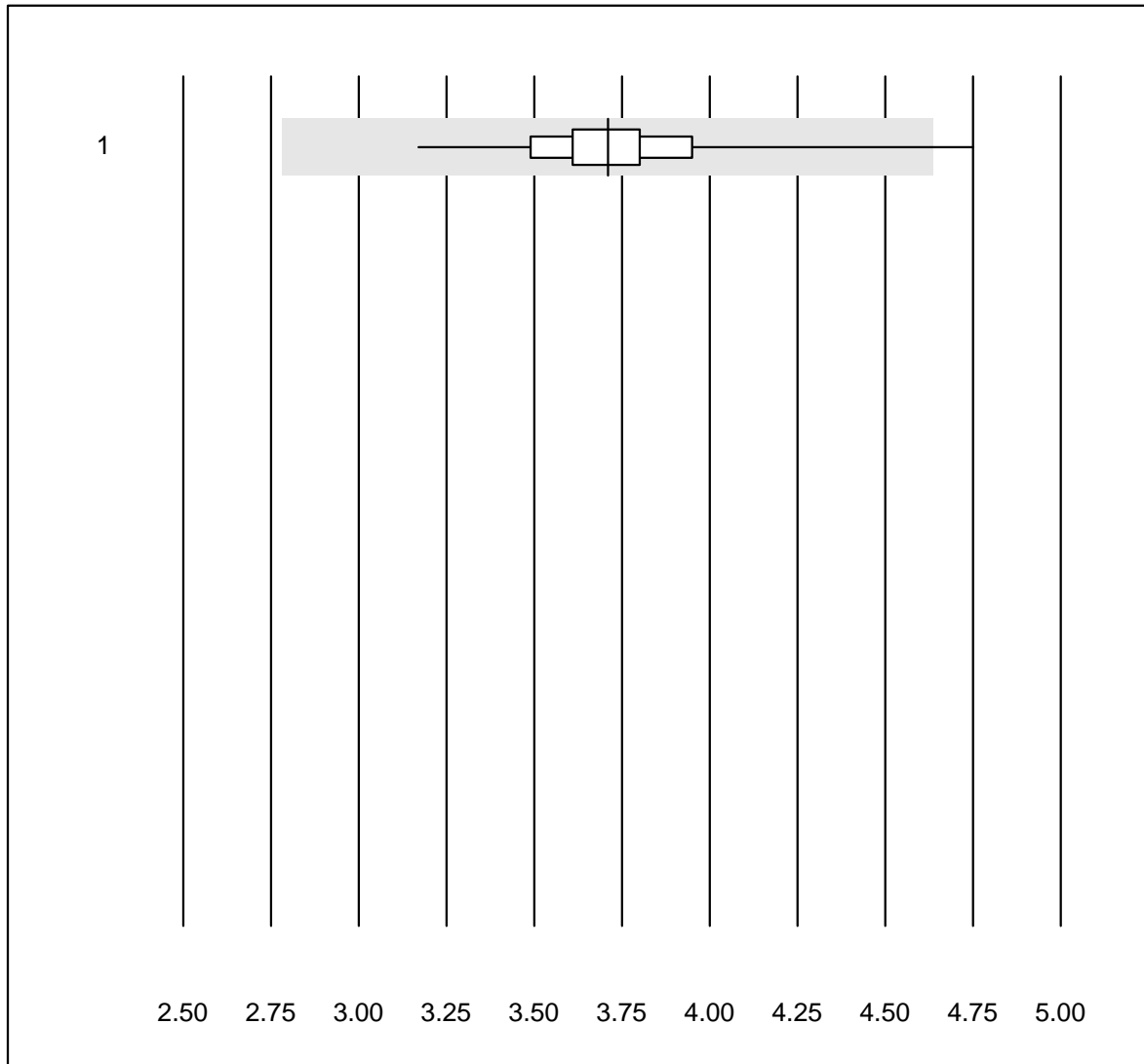


QUALAB tolerance : 25 %

Thrombocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	33	100.0	0.0	0.0	299.9	6.2	e

Neutrophils

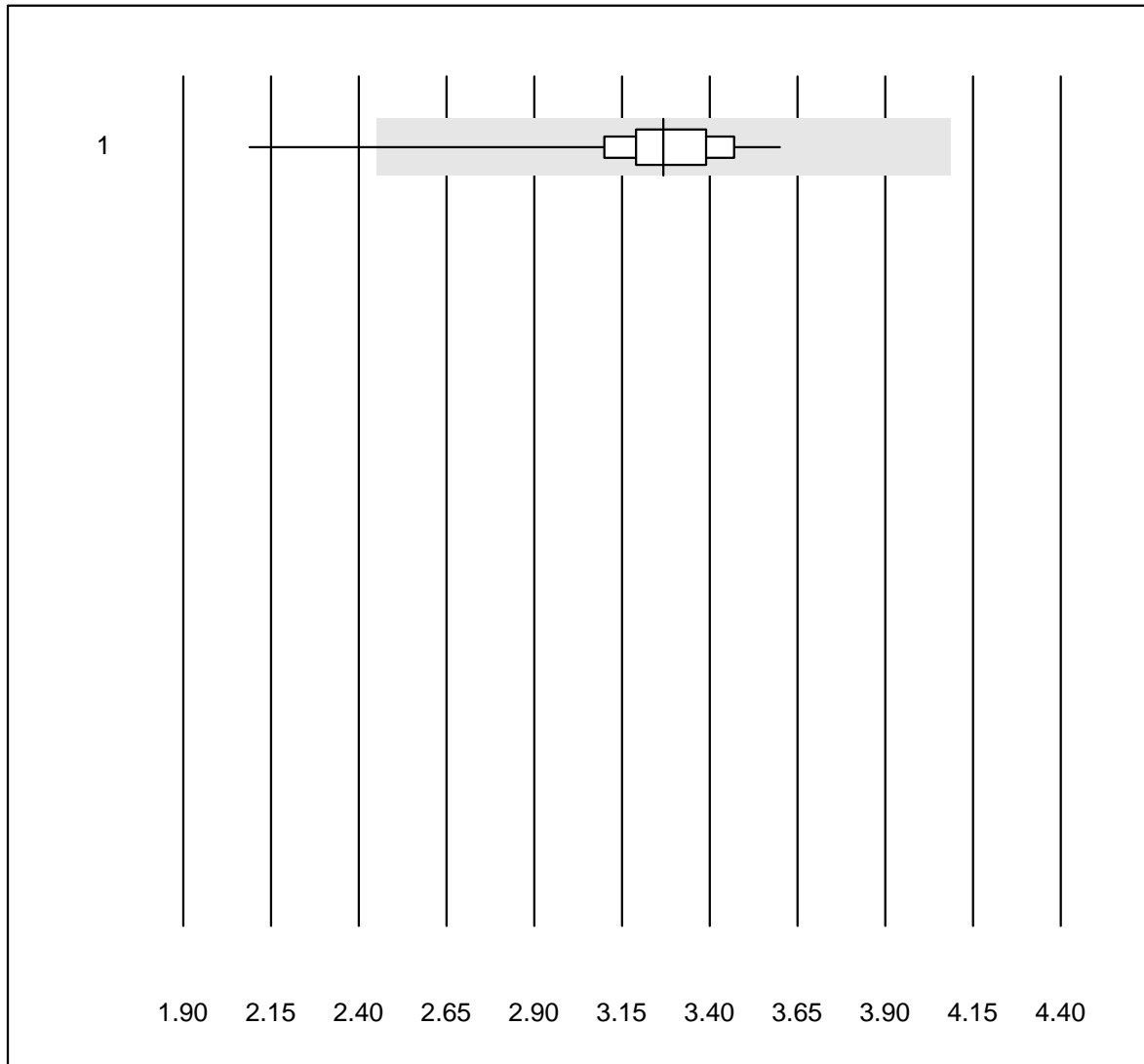


QUALAB tolerance : 25 %

Neutrophils (G/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Sysmex	33	97.0	3.0	0.0	3.71	6.9	e

Lymphocytes

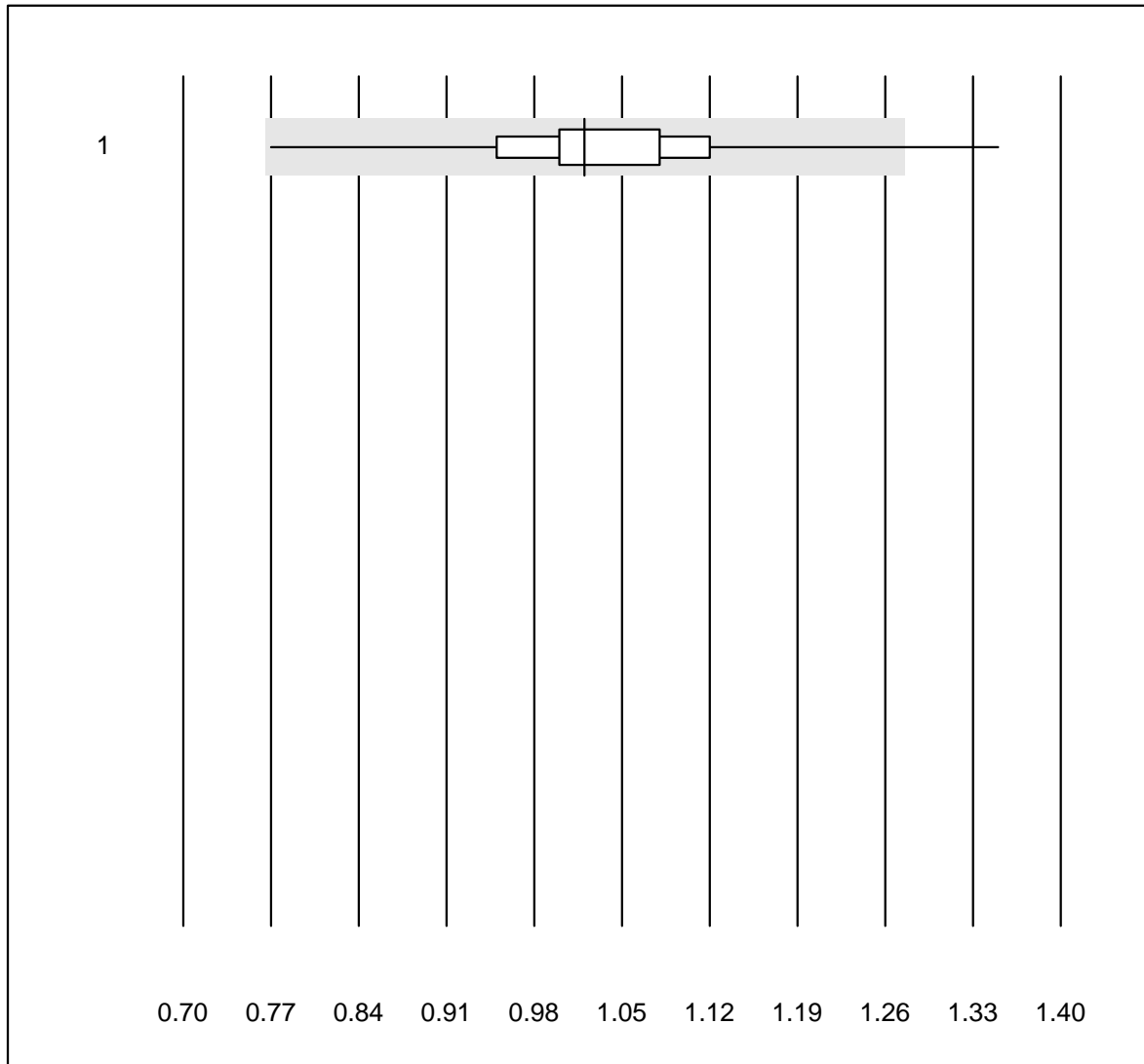


QUALAB tolerance : 25 %

Lymphocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	33	97.0	3.0	0.0	3.27	7.7	e

Monocytes

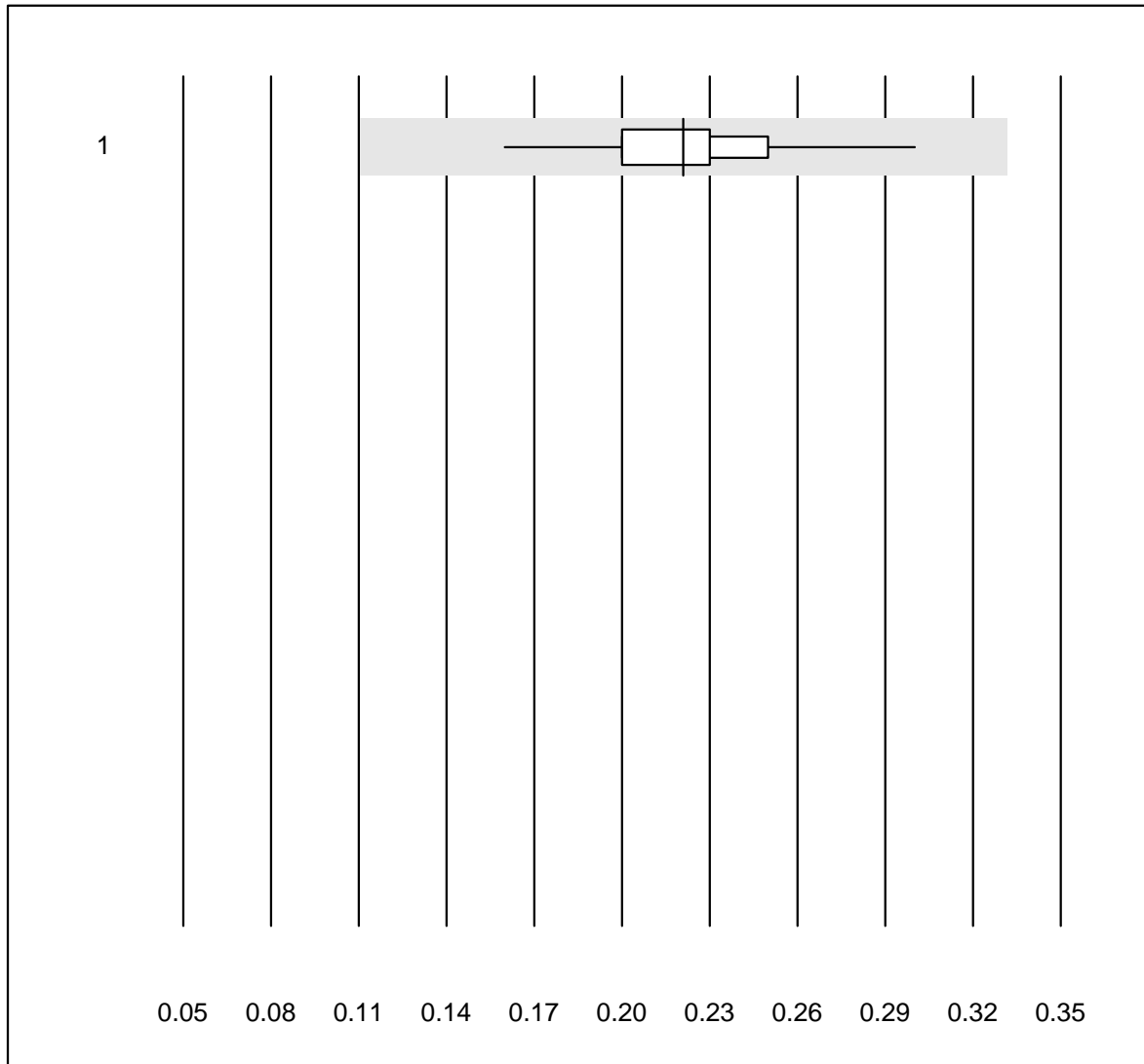


QUALAB tolerance : 25 %

Monocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	32	87.5	3.1	9.4	1.02	9.0	e

Eosinophils

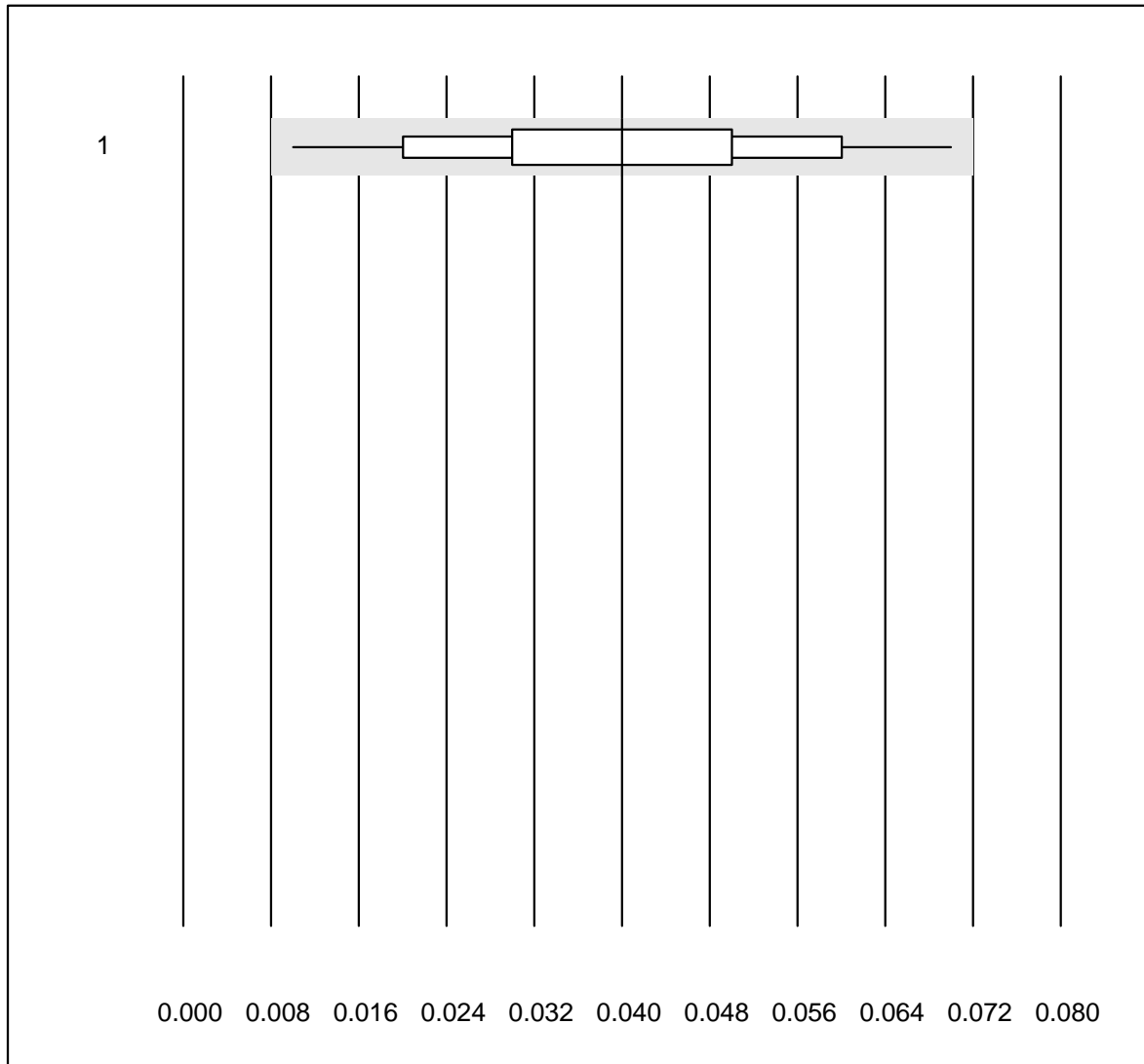


QUALAB tolerance : 50 %

Eosinophils (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	32	93.7	0.0	6.3	0.22	11.2	e

Basophiles

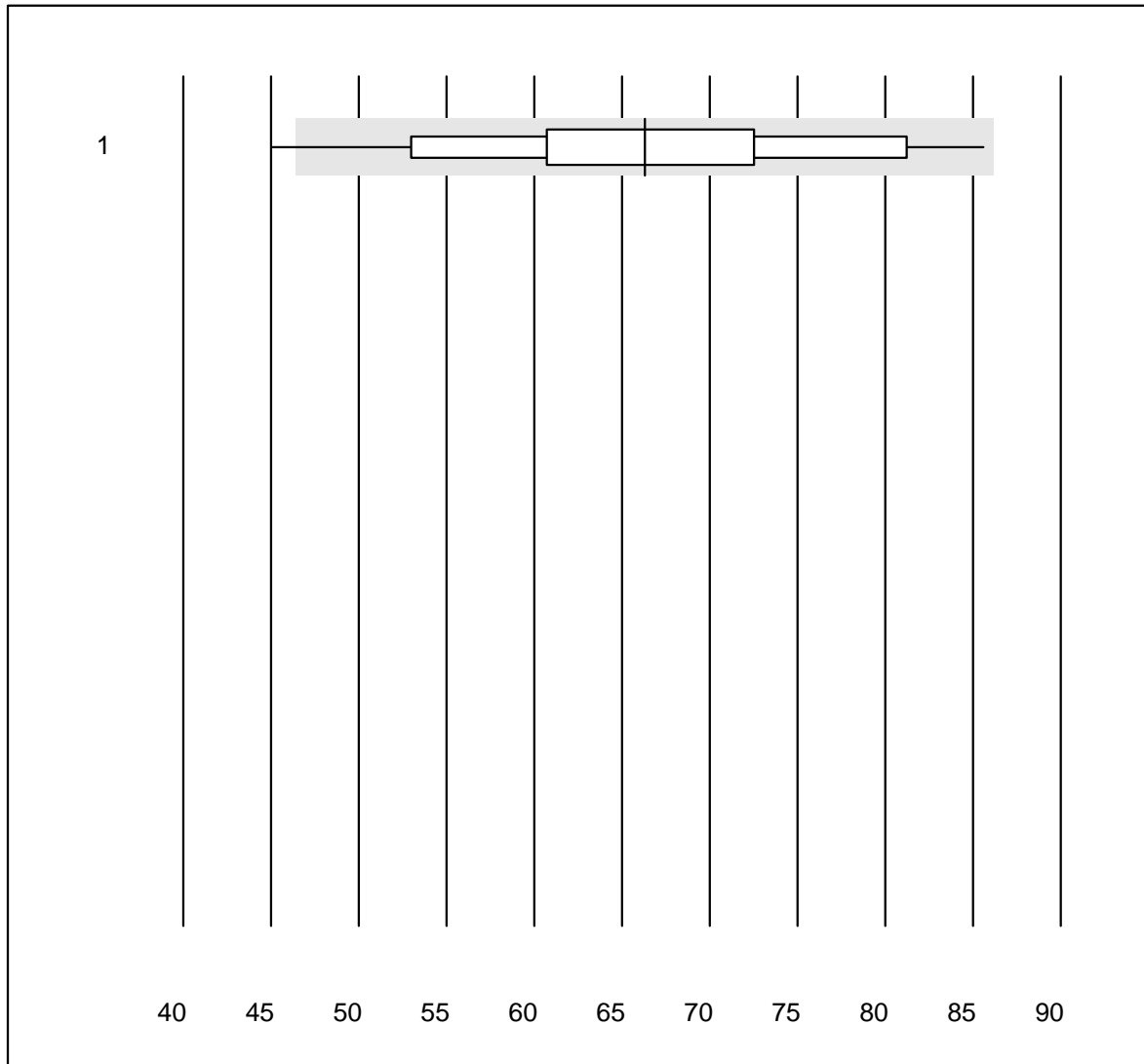


QUALAB tolerance : 80 %

Basophiles (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Sysmex	32	96.9	0.0	3.1	0.04	35.9	e

Reticulocytes

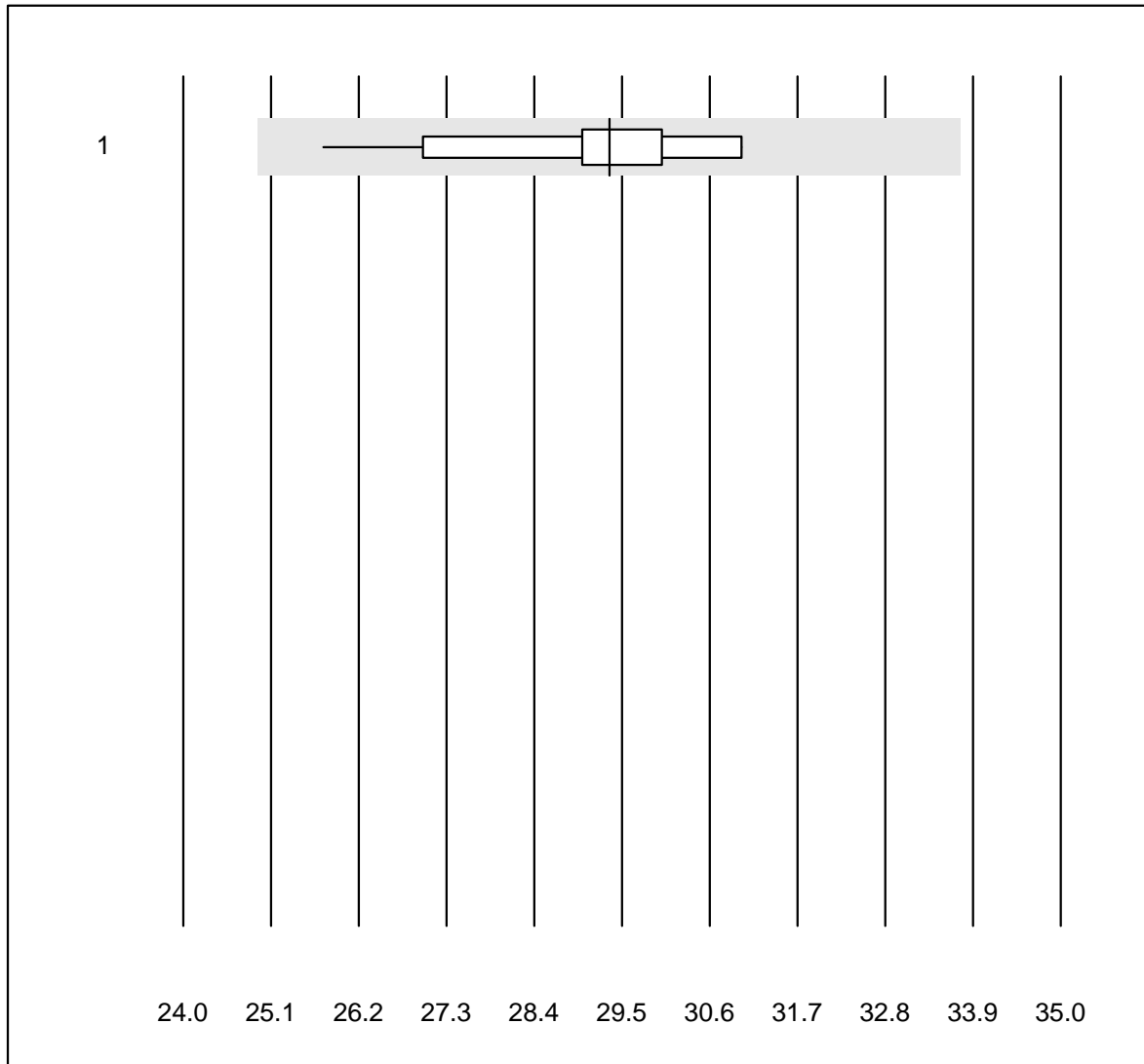


QUALAB tolerance : 25 %

Reticulocytes (G/l)

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Sysmex	19	94.7	5.3	0.0	66.3	14.4	a

Hämolyseindex Probe A

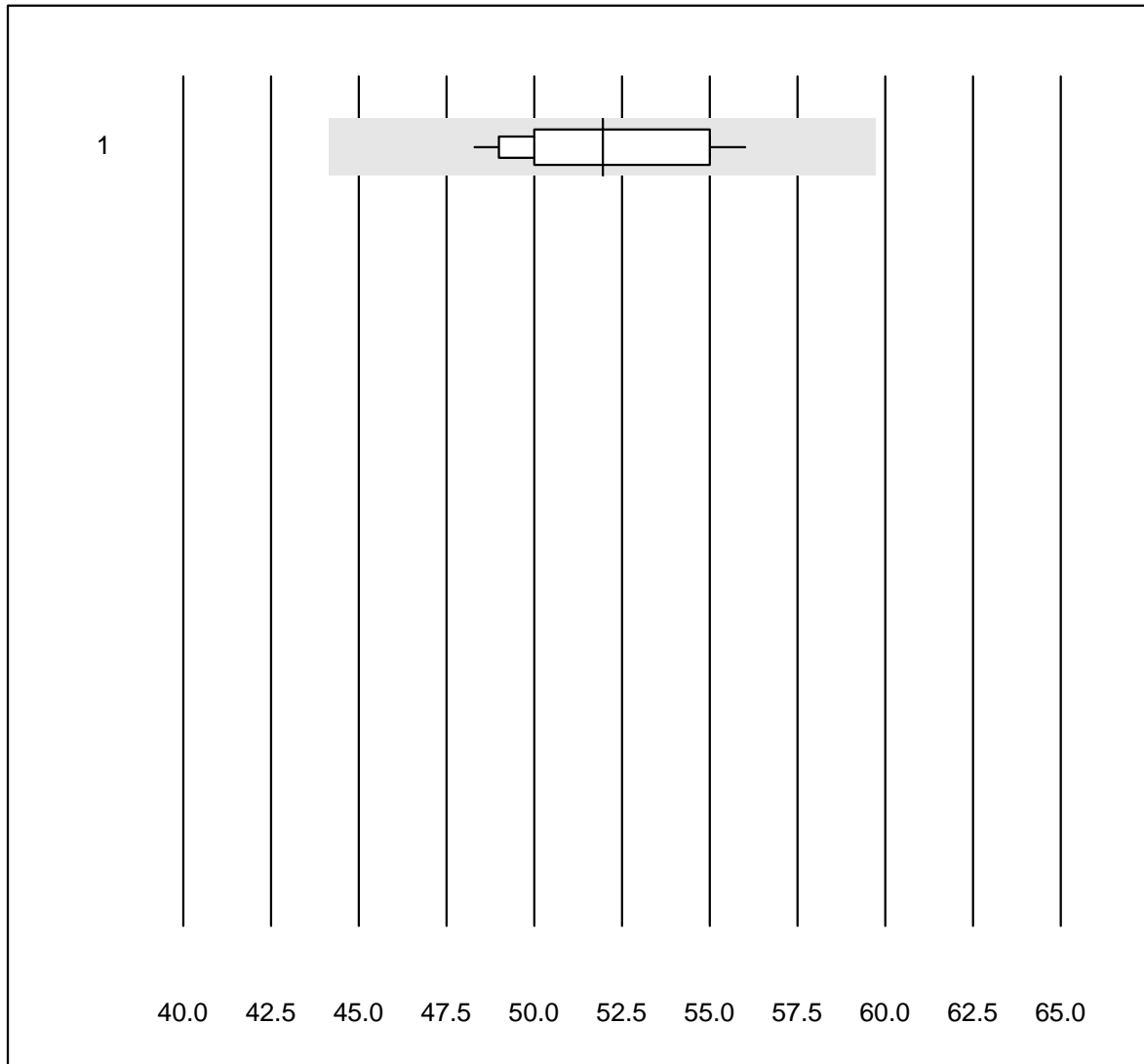


QUALAB tolerance : 15 %

Hämolyseindex Probe A ()

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Cobas	14	100.0	0.0	0.0	29.3	5.1	e

Hämolyseindex Probe B



QUALAB tolerance : 15 %

Hämolyseindex Probe B ()

No. Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1 Cobas	14	100.0	0.0	0.0	51.9	4.8	e