Verein für
Association pour le
Associazione per il

medizinische Qualitätskontrolle
contrôle de qualité médical
controllo di qualità medico

Survey Report

2015 - 1

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

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

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

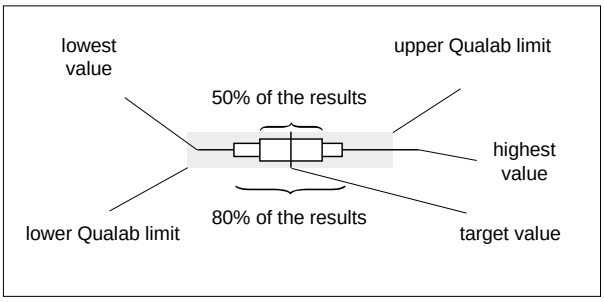
QUALAB and MQ tolerances

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

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

Graphics

The results are shown graphically as follows:



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

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

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Zürich, 30.3.2015

Dr. R. Fried
Suvey Director

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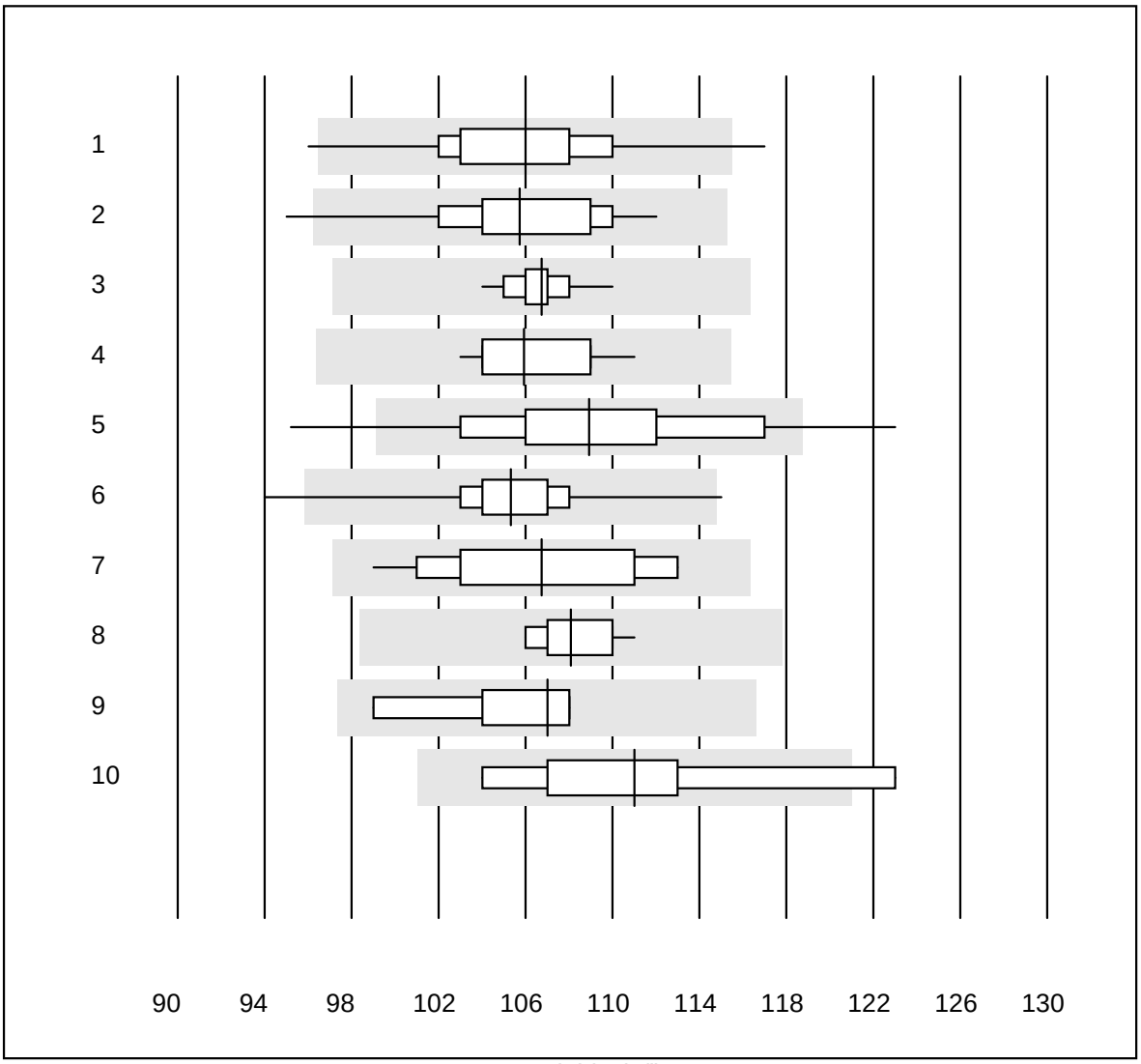
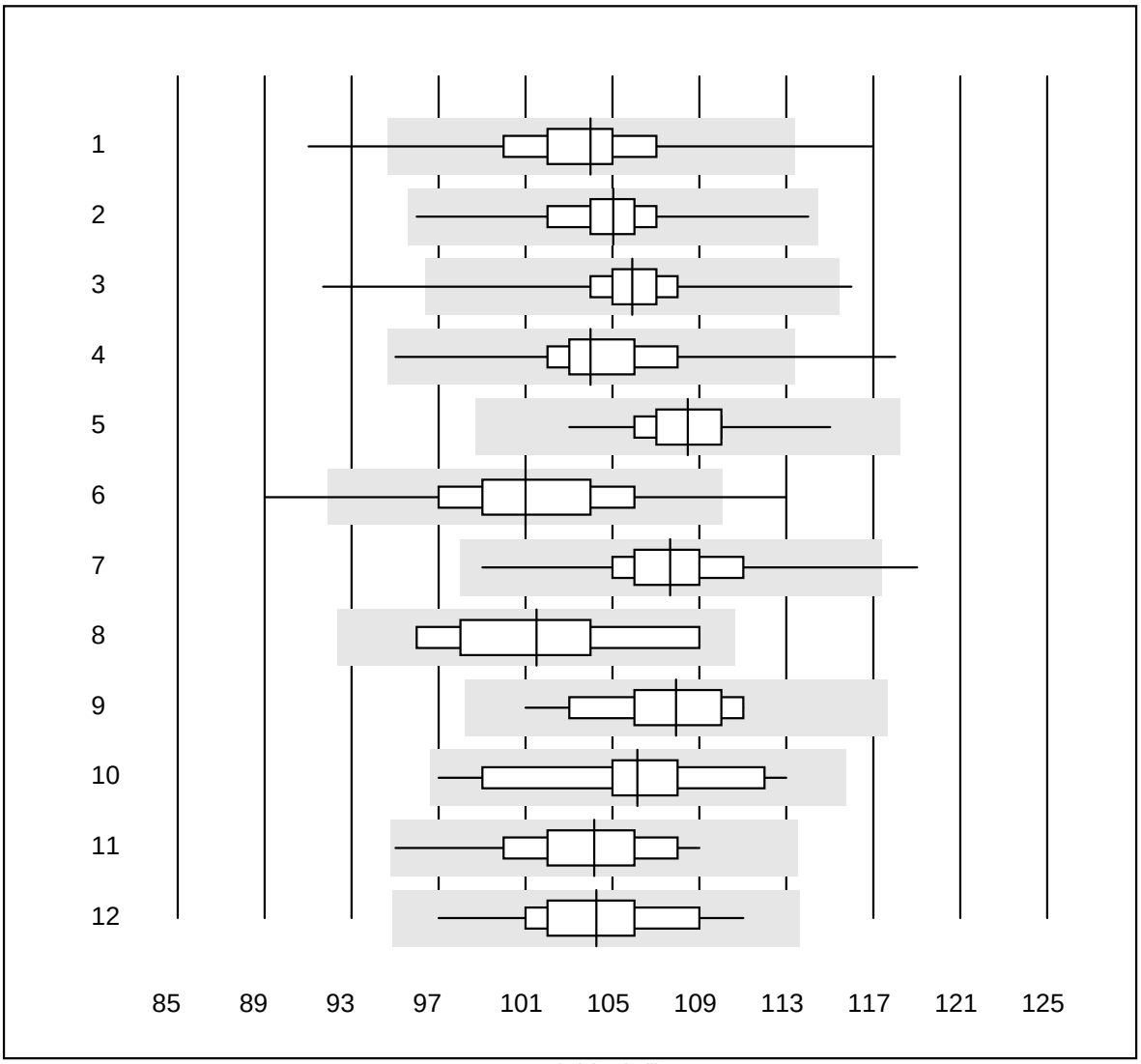
Hemoglobin



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	54	88.8	5.6	5.6	106.0	3.7	e
2	Cyanmethemoglobin	53	92.4	3.8	3.8	105.7	3.5	e
3	Sysmex XT/XE/XS	39	100.0	0.0	0.0	106.7	1.2	e
4	ABX Pentra	11	100.0	0.0	0.0	105.9	2.4	e
5	Reflotron	83	86.8	8.4	4.8	108.9	5.1	e
6	Hemocue	337	95.2	0.9	3.9	105.3	2.6	e
7	Dr. Lange	24	95.8	0.0	4.2	106.7	4.2	e
8	Hemocontrol	12	91.7	0.0	8.3	108.1	1.6	e
9	Eurolyser	5	100.0	0.0	0.0	107.0	3.6	e*
10	Other methods	6	83.3	16.7	0.0	111.0	5.9	e*

Hemoglobin

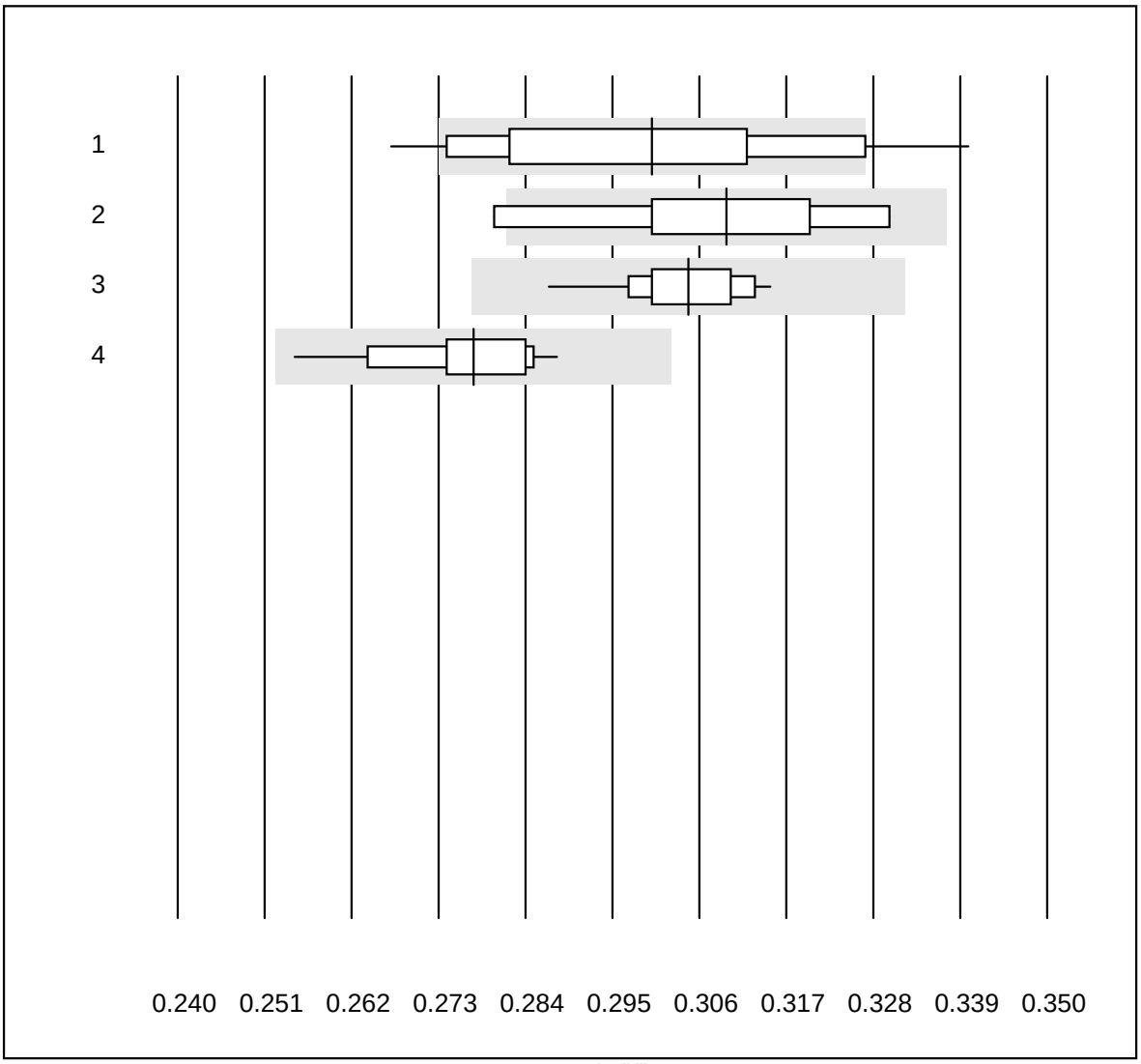


QUALAB tolerance : 9 %

Hemoglobin (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	917	95.3	1.2	3.5	104	2.9	e
2	Microsemi	202	98.5	0.0	1.5	105	2.1	e
3	Sysmex KX21	446	97.1	0.4	2.5	106	1.9	e
4	Sysmex PocH - 100i	219	96.8	0.9	2.3	104	2.5	e
5	Sysmex XP 300	148	98.6	0.0	1.4	108	1.6	e
6	Mythic	244	95.9	0.8	3.3	101	3.6	e
7	Swelab	68	95.6	1.5	2.9	108	2.8	e
8	MS4	8	100.0	0.0	0.0	102	4.5	e*
9	Abacus Junior	12	100.0	0.0	0.0	108	3.0	e
10	Medonic	19	100.0	0.0	0.0	106	3.8	e
11	Nihon Kohden Celltac	34	97.1	0.0	2.9	104	2.9	e
12	Samsung HC10	42	97.6	0.0	2.4	104	3.0	e

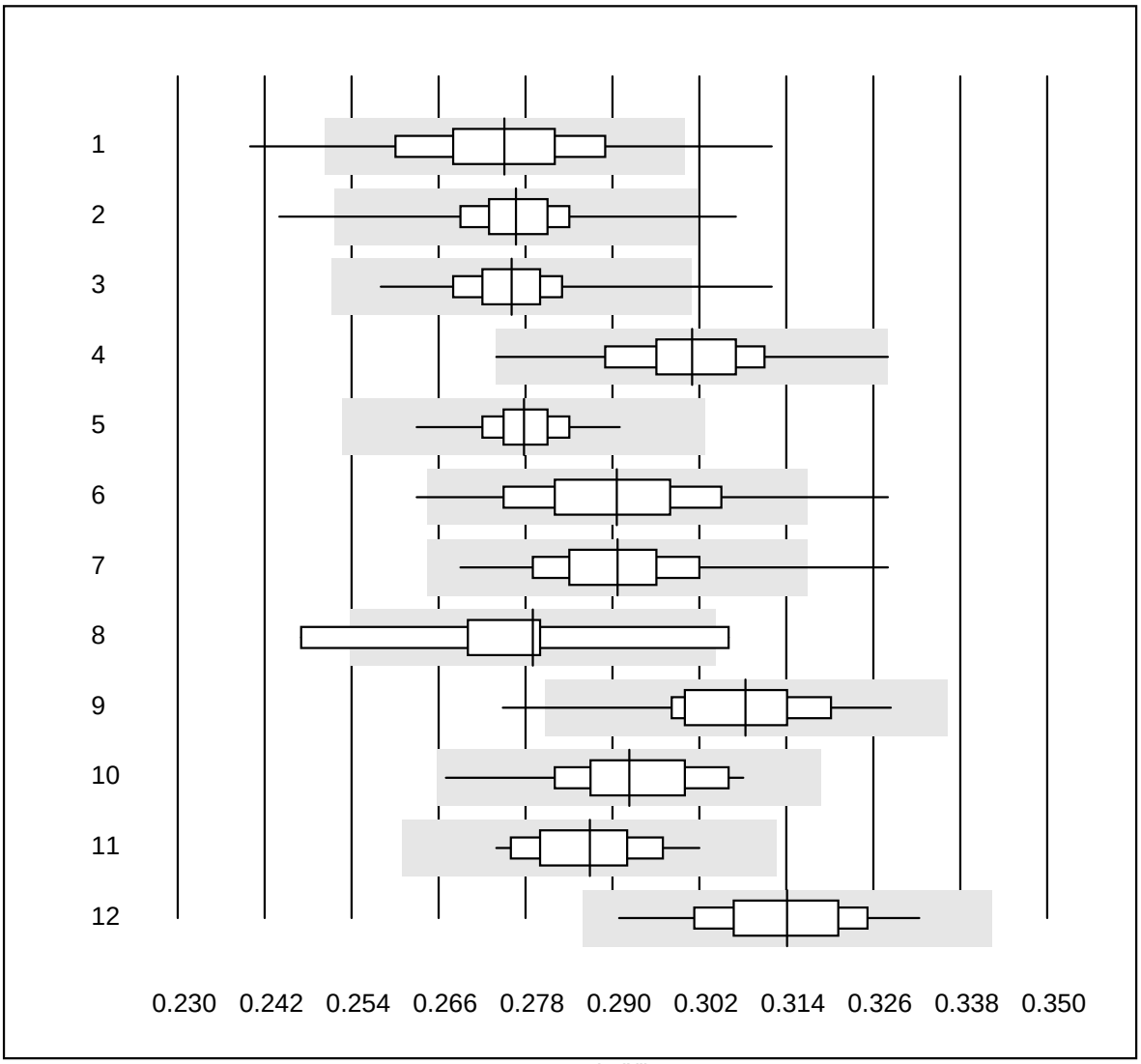
Hematocrit



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	47	70.2	21.3	8.5	0.30	6.8	e
2	Centrifuge	16	87.5	12.5	0.0	0.31	5.3	e*
3	Sysmex XT/XE/XS	38	100.0	0.0	0.0	0.30	2.1	e
4	ABX Pentra	11	100.0	0.0	0.0	0.28	3.5	e

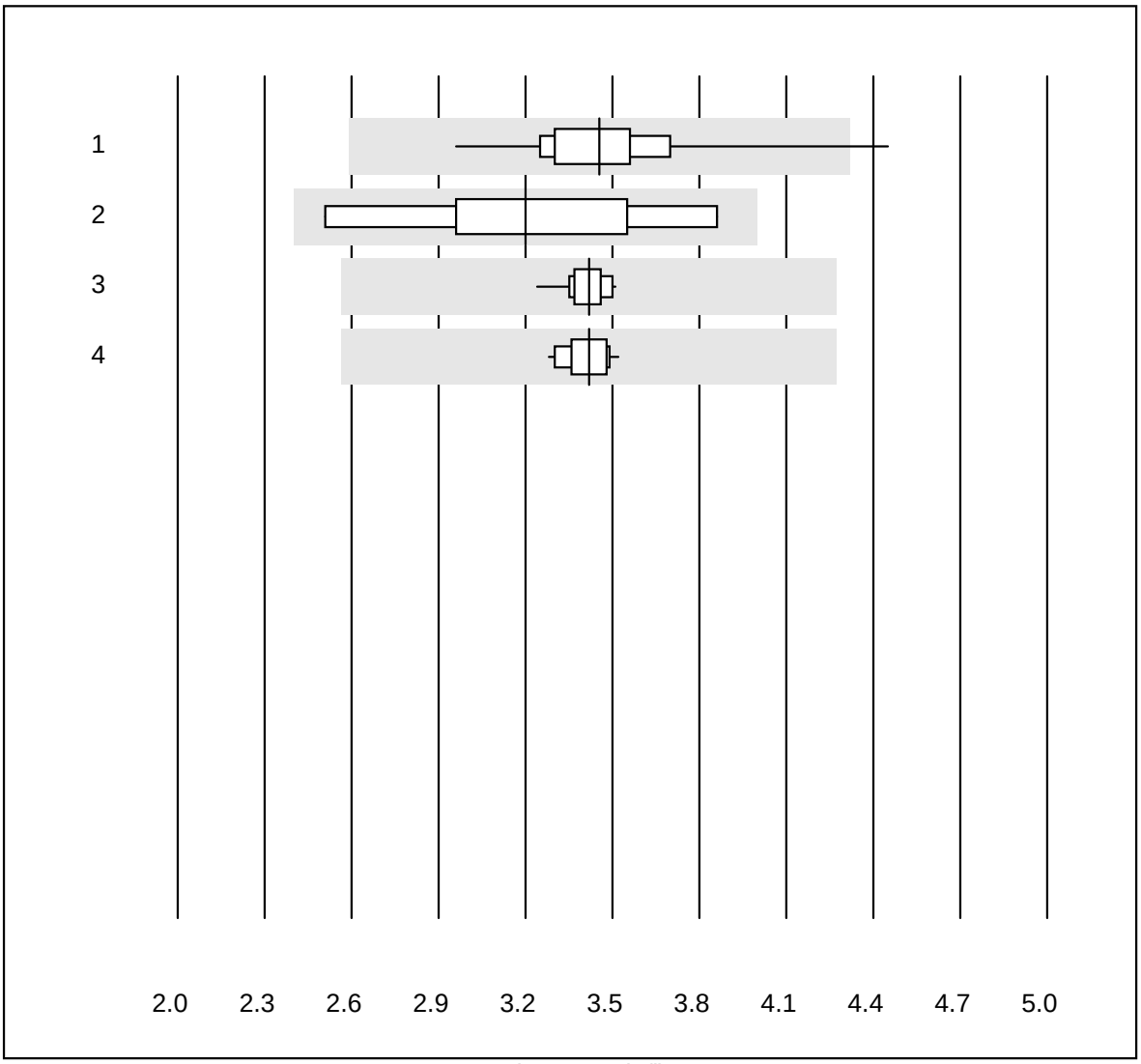
Hematocrit



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	918	91.2	3.9	4.9	0.28	4.2	e
2	Microsemi	201	98.0	1.0	1.0	0.28	2.5	e
3	Sysmex KX21	446	96.9	1.3	1.8	0.28	2.5	e
4	Sysmex PocH - 100i	219	95.4	0.9	3.7	0.30	2.9	e
5	Sysmex XP 300	144	98.6	0.0	1.4	0.28	1.7	e
6	Mythic	244	95.5	2.5	2.0	0.29	4.0	e
7	Swelab	68	92.7	2.9	4.4	0.29	3.8	e
8	MS4	8	75.0	25.0	0.0	0.28	6.6	e*
9	Abacus Junior	12	91.7	8.3	0.0	0.31	4.4	e*
10	Medonic	19	94.7	0.0	5.3	0.29	3.4	e
11	Nihon Kohden Celltac	34	97.1	0.0	2.9	0.29	2.7	e
12	Samsung HC10	42	97.6	0.0	2.4	0.31	3.1	e

Erythrocytes

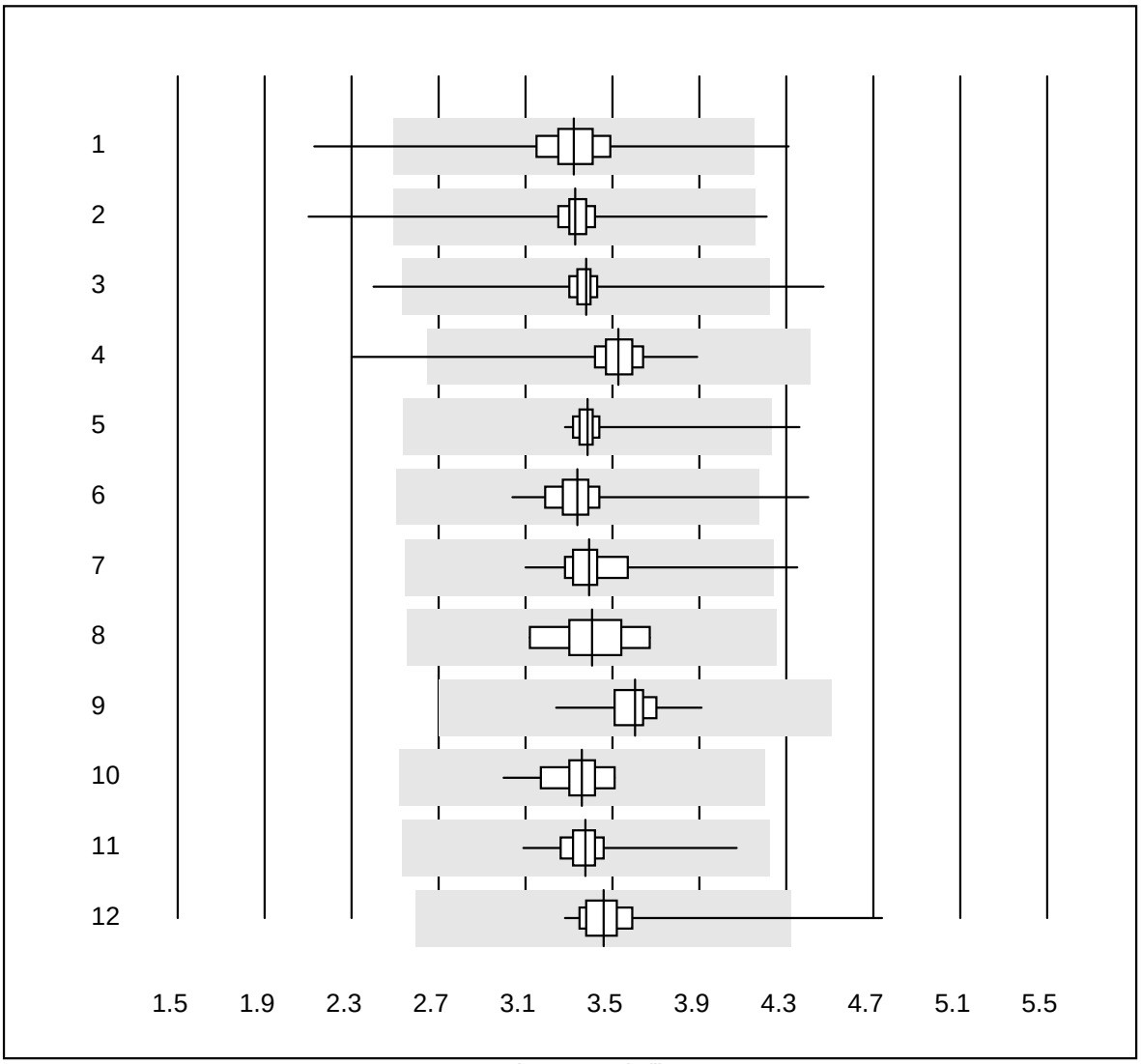


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	46	97.8	2.2	0.0	3.45	6.9	e
2	Microscopic	9	100.0	0.0	0.0	3.20	13.9	e*
3	Sysmex XT/XE/XS	39	100.0	0.0	0.0	3.42	1.7	e
4	ABX Pentra	11	100.0	0.0	0.0	3.42	2.3	e

Erythrocytes

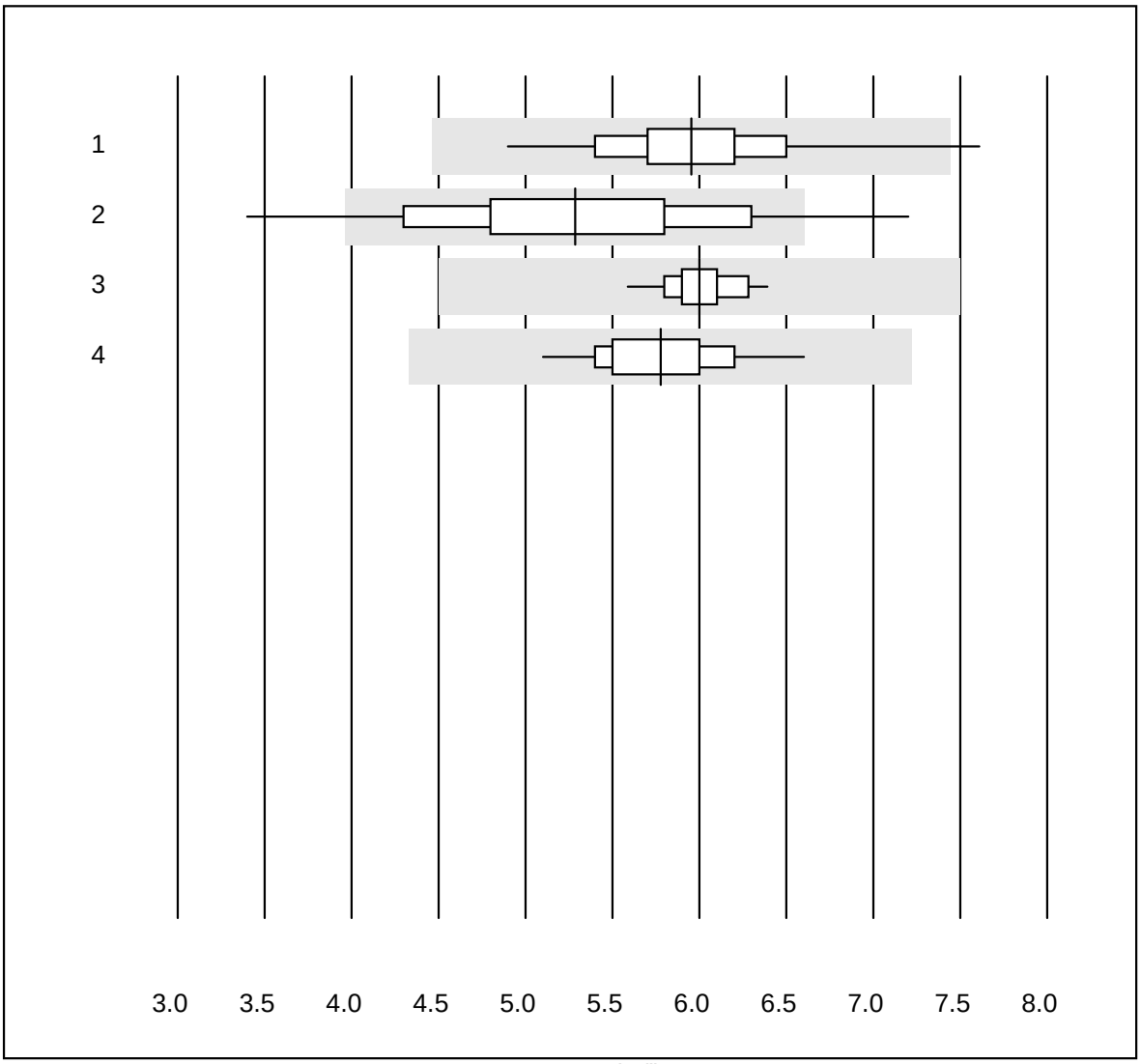


QUALAB tolerance : 25 %

Erythrocytes (T/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	918	97.6	0.7	1.7	3.3	5.1	e
2	Microsemi	204	98.5	1.5	0.0	3.3	4.7	e
3	Sysmex KX21	446	98.0	0.4	1.6	3.4	3.3	e
4	Sysmex PocH - 100i	219	97.7	0.5	1.8	3.5	3.4	e
5	Sysmex XP 300	147	98.6	0.7	0.7	3.4	2.8	e
6	Mythic	244	98.0	0.8	1.2	3.3	4.4	e
7	Swelab	68	98.5	1.5	0.0	3.4	4.8	e
8	MS4	8	100.0	0.0	0.0	3.4	5.0	e
9	Abacus Junior	12	100.0	0.0	0.0	3.6	4.3	e
10	Medonic	19	100.0	0.0	0.0	3.4	3.5	e
11	Samsung HC10	42	100.0	0.0	0.0	3.4	4.3	e
12	Nihon Kohden Celltac	34	97.1	2.9	0.0	3.5	7.1	e

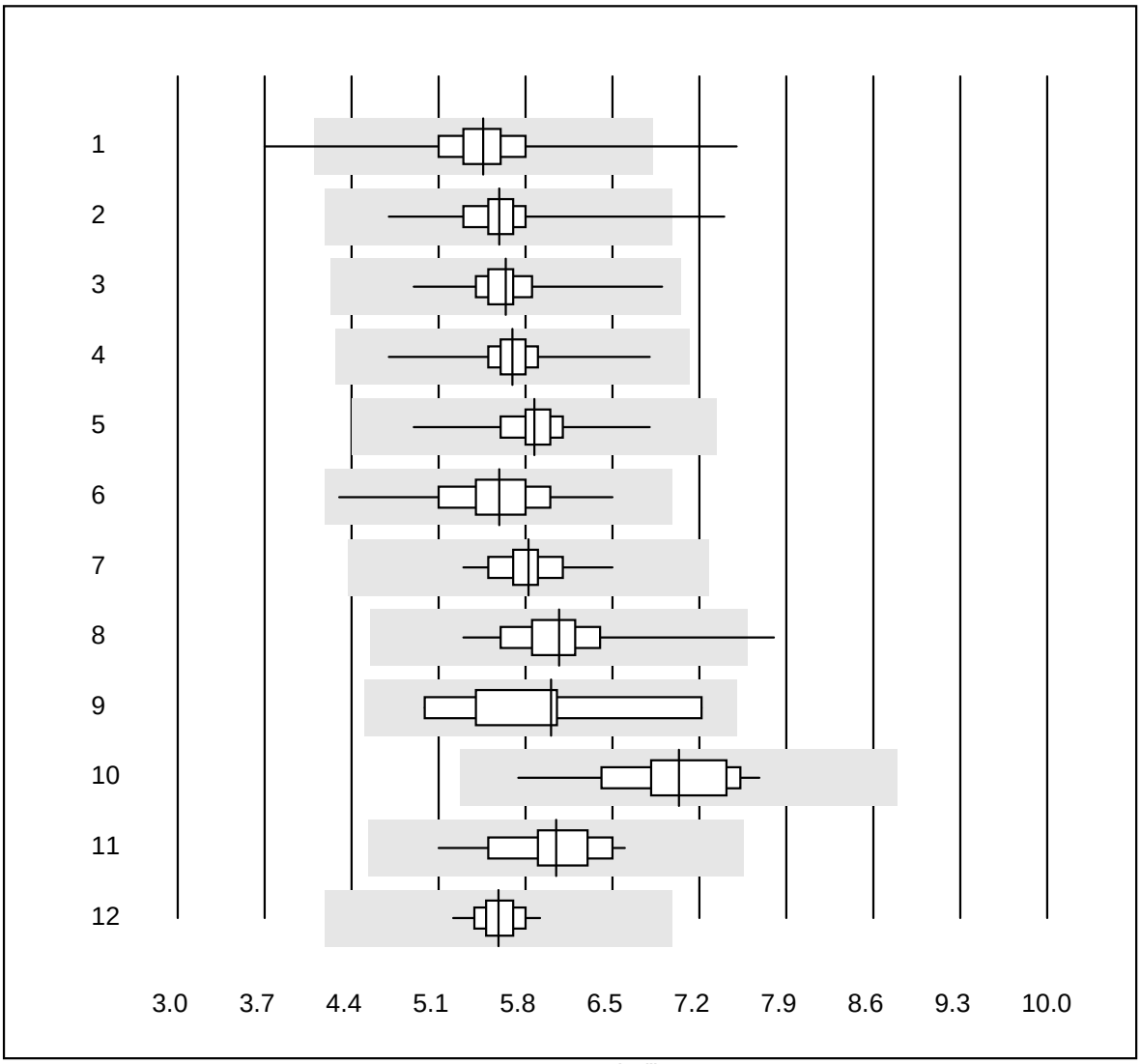
Leucocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	42	95.2	2.4	2.4	5.96	8.9	e
2	Microscopic	62	87.1	4.8	8.1	5.29	14.7	e
3	Sysmex XT/XE/XS	39	100.0	0.0	0.0	6.00	3.0	e
4	ABX Pentra	11	100.0	0.0	0.0	5.78	7.0	e

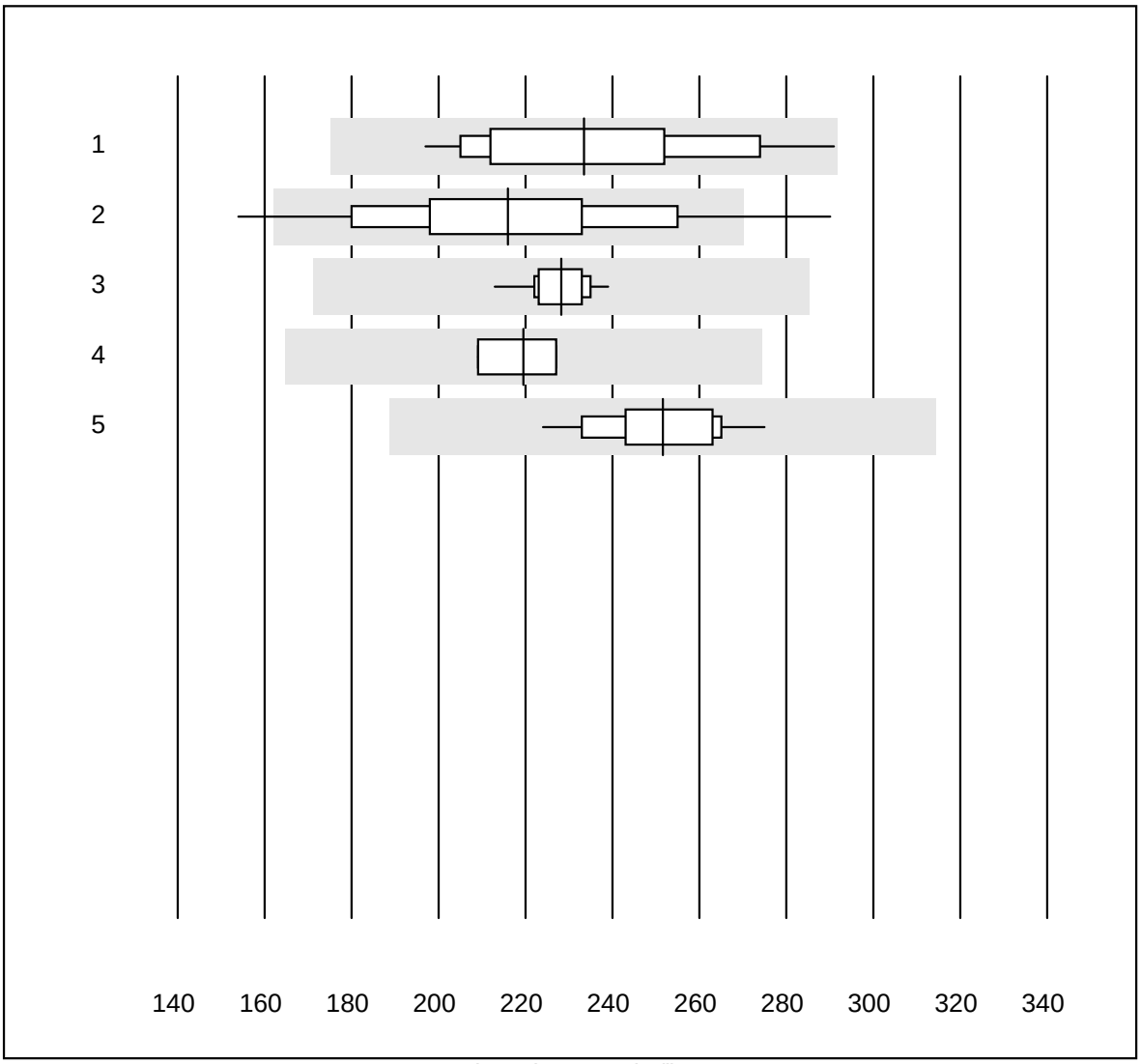
Leucocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	918	98.9	0.7	0.4	5.46	5.5	e
2	Microsemi	204	99.5	0.5	0.0	5.59	4.3	e
3	Sysmex KX21	446	99.3	0.0	0.7	5.64	3.4	e
4	Sysmex PocH - 100i	219	98.2	0.0	1.8	5.69	4.1	e
5	Sysmex XP 300	148	99.3	0.0	0.7	5.87	3.6	e
6	Mythic	241	99.2	0.0	0.8	5.59	6.3	e
7	Nihon Kohden Celltac	34	100.0	0.0	0.0	5.82	4.5	e
8	Swelab	68	98.5	1.5	0.0	6.07	6.3	e
9	MS4	8	100.0	0.0	0.0	6.01	11.3	e*
10	Abacus Junior	12	100.0	0.0	0.0	7.03	7.6	e
11	Medonic	19	100.0	0.0	0.0	6.05	5.9	e
12	Samsung HC10	42	97.6	0.0	2.4	5.58	3.0	e

Thrombocytes

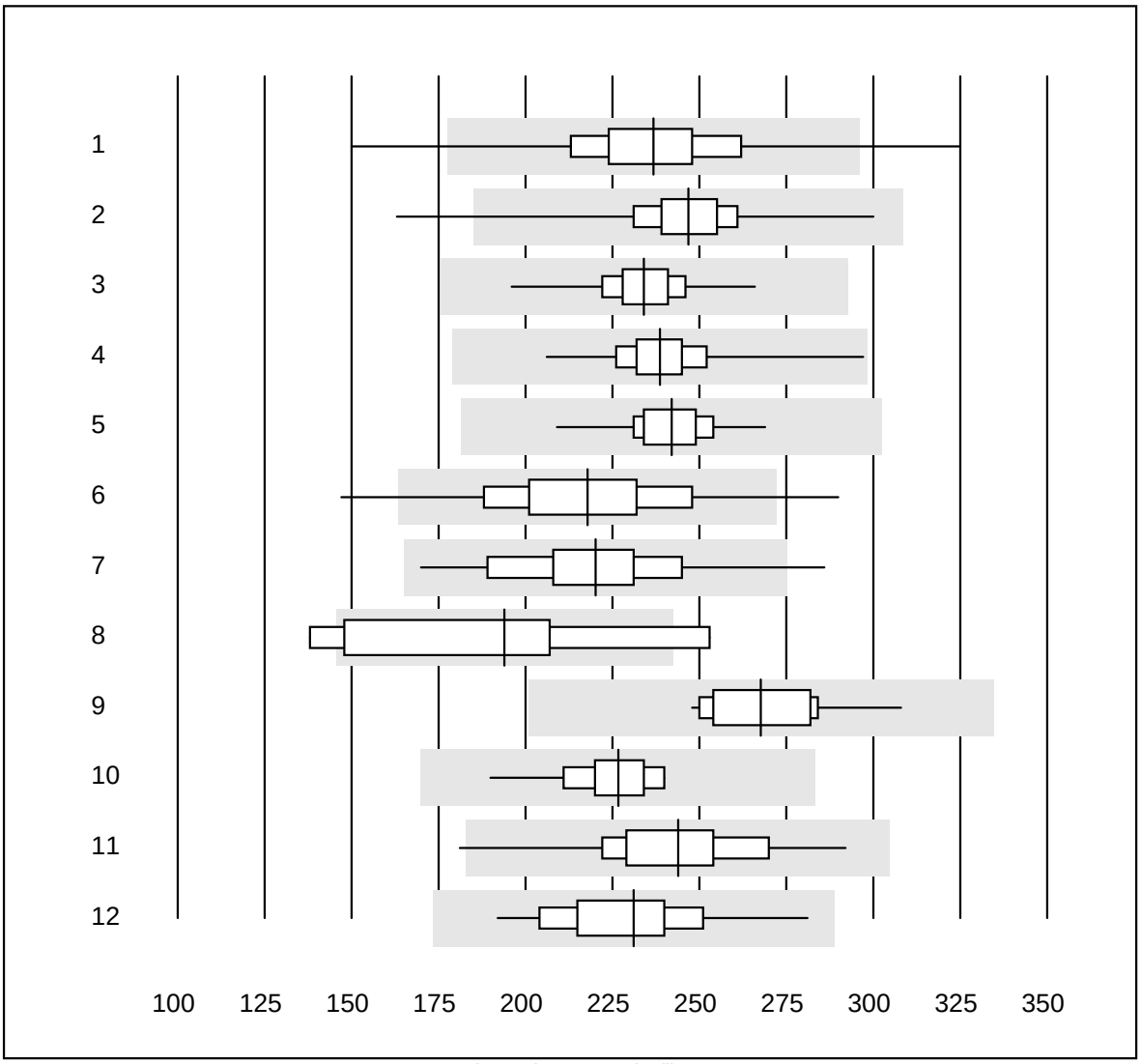


QUALAB tolerance : 25 %

Thrombocytes (G/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	39	100.0	0.0	0.0	233.4	10.4	e
2	Microscopic	37	86.5	13.5	0.0	216.0	14.1	e
3	Sysmex XT/XE/XS	39	100.0	0.0	0.0	228.2	2.6	e
4	Advia 120	4	100.0	0.0	0.0	219.5	4.4	e
5	ABX Pentra	11	100.0	0.0	0.0	251.5	5.9	e

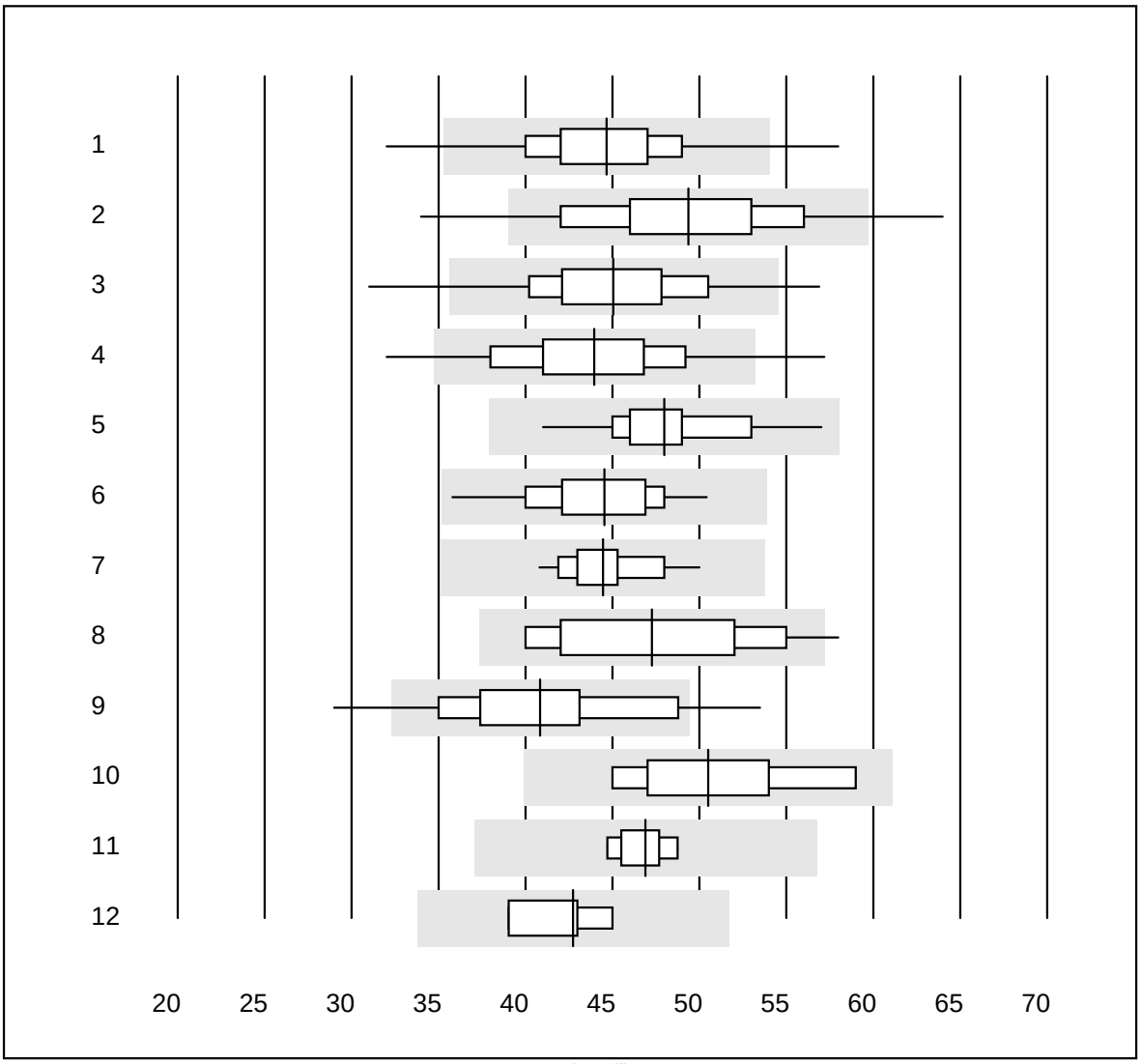
Thrombocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	916	96.5	2.2	1.3	236.8	9.1	e
2	Microsemi	204	98.5	0.5	1.0	246.8	5.7	e
3	Sysmex KX21	446	98.9	0.0	1.1	234.1	4.0	e
4	Sysmex PocH - 100i	218	98.2	0.0	1.8	238.7	4.9	e
5	Sysmex XP 300	148	99.3	0.0	0.7	242.1	4.0	e
6	Mythic	244	95.9	2.9	1.2	217.9	11.0	e
7	Swelab	68	98.5	1.5	0.0	220.1	9.8	e
8	MS4	8	75.0	25.0	0.0	194.0	21.1	e*
9	Abacus Junior	12	100.0	0.0	0.0	267.7	7.1	e
10	Medonic	19	100.0	0.0	0.0	226.7	5.3	e
11	Nihon Kohden Celltac	34	97.1	2.9	0.0	243.9	9.0	e
12	Samsung HC10	42	100.0	0.0	0.0	231.1	8.2	e

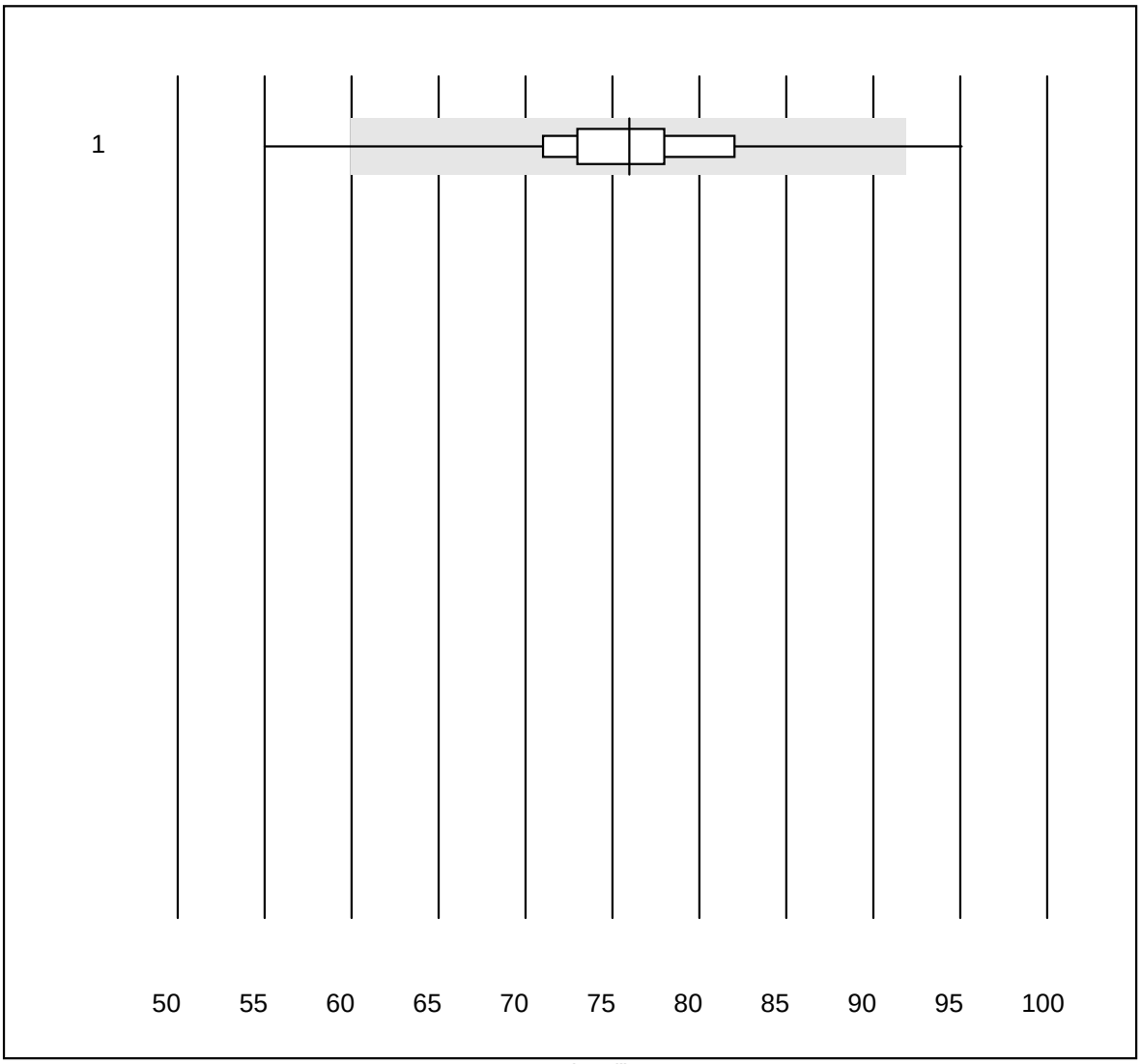
CRP



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Afinion	1144	99.4	0.5	0.1	44.7	7.8	e
2	NycoCard SingleTest-	494	80.4	7.7	11.9	49.4	11.7	e
3	Abx Micros	152	93.5	3.9	2.6	45.1	9.3	e
4	ABX Micros CRP200	341	95.3	3.8	0.9	44.0	9.9	e
5	Quick Read go	73	98.6	0.0	1.4	48.0	7.2	e
6	Turbidimetry	40	100.0	0.0	0.0	44.5	7.1	e
7	Cobas	11	100.0	0.0	0.0	44.5	5.9	e
8	Fuji Dri-Chem	22	91.0	4.5	4.5	47.3	12.6	e*
9	Eurolyser	117	70.9	7.7	21.4	40.8	12.6	e
10	AQT 90 FLEX	6	100.0	0.0	0.0	50.5	9.9	e*
11	Spotchem D-Concept	7	100.0	0.0	0.0	46.9	2.9	e
12	Other methods	4	100.0	0.0	0.0	42.8	5.9	e*

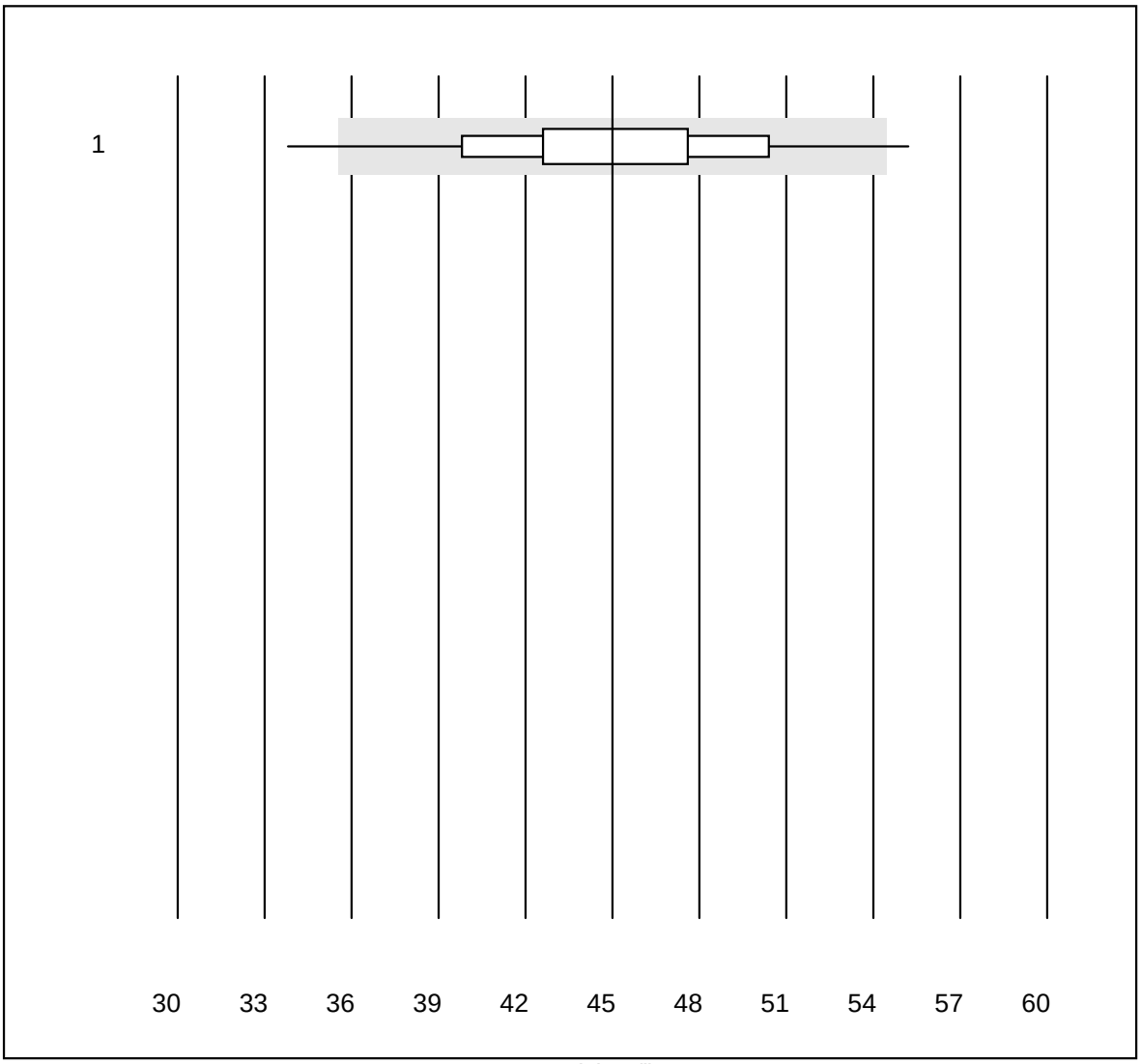
CRP



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	QuikRead (Vollblut)	192	94.8	2.1	3.1	76.0	6.5	e

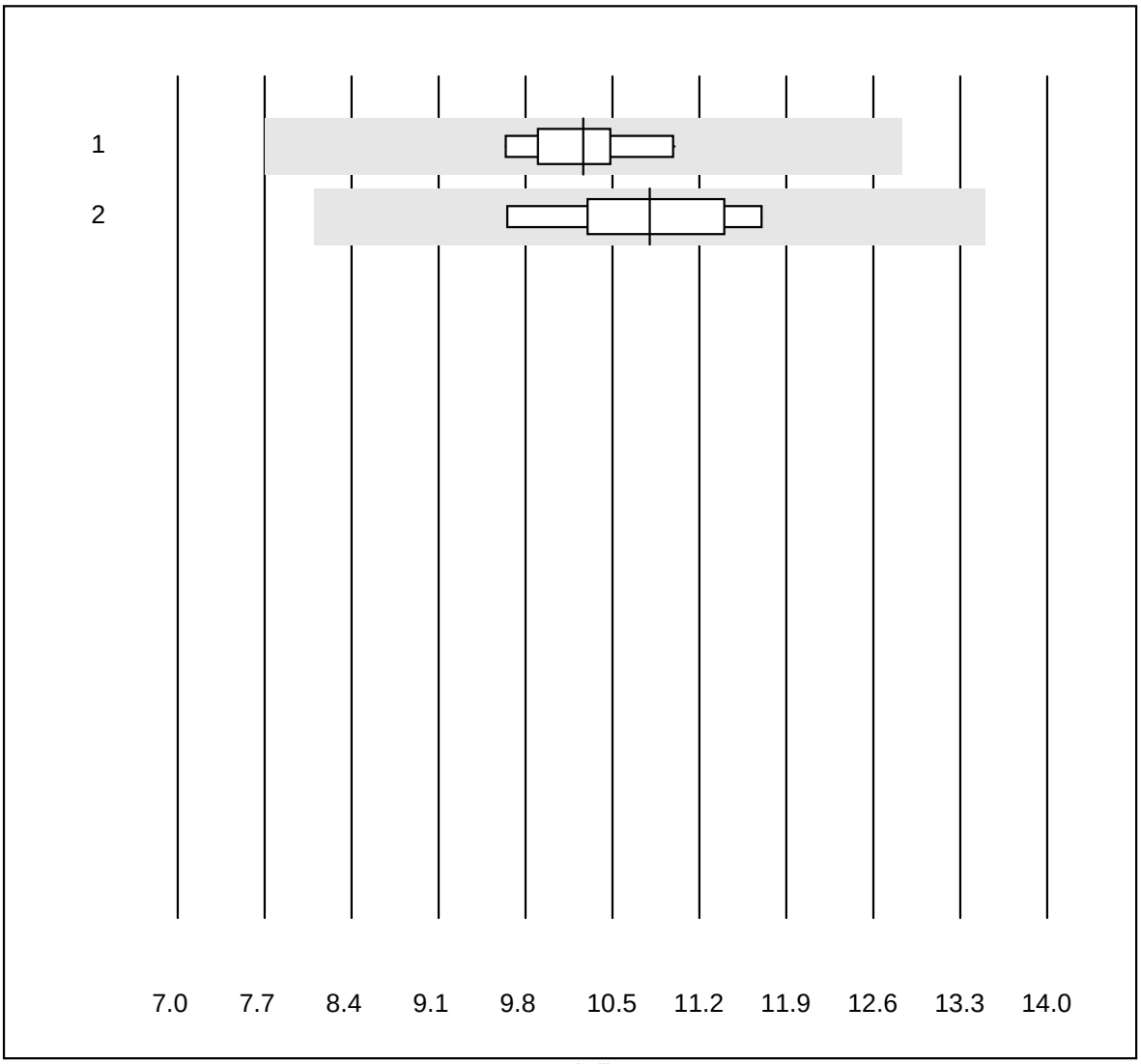
CRP emi



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Microsemi	200	96.5	3.0	0.5	45.0	9.1	e

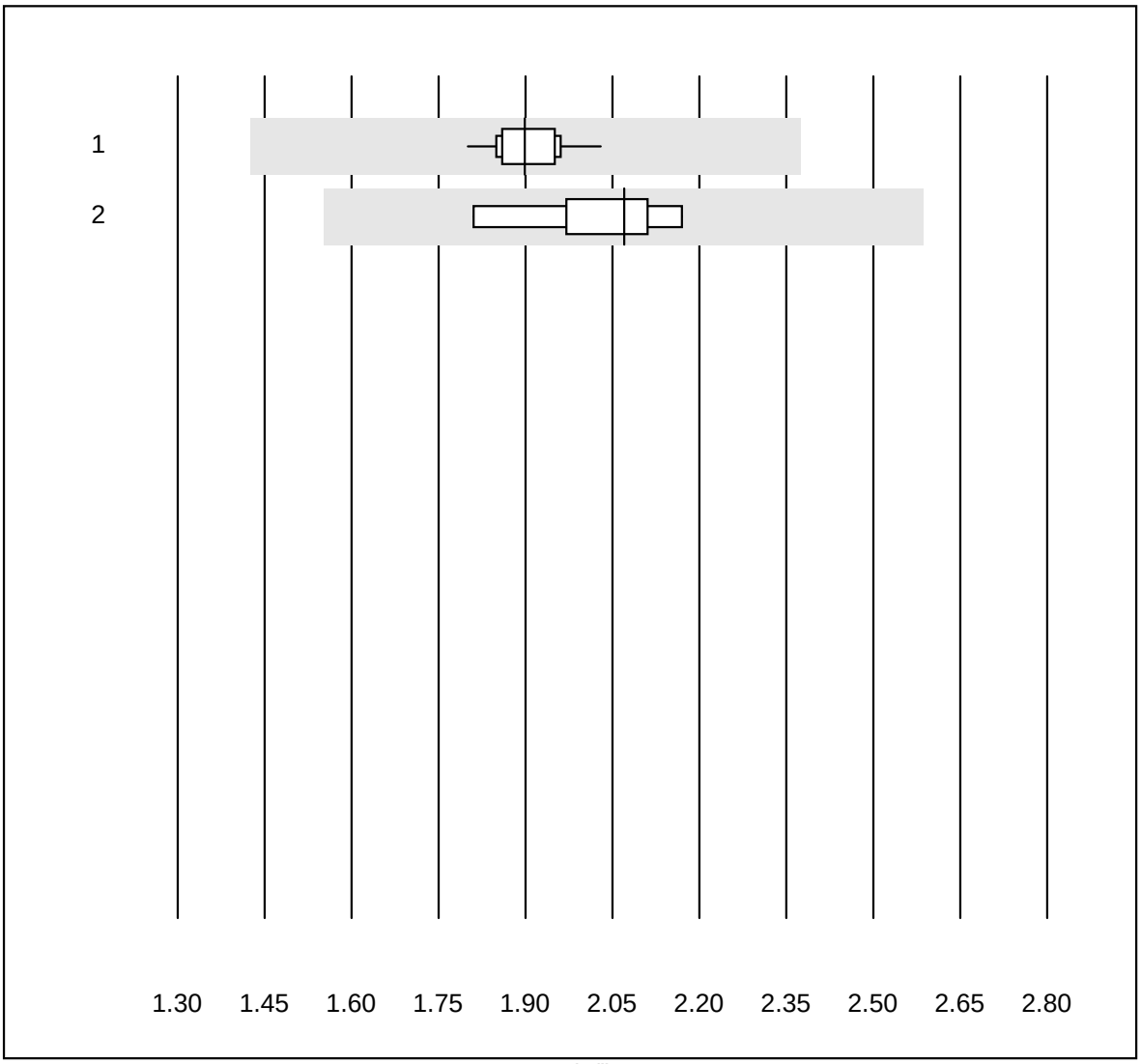
IgG



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	10	100.0	0.0	0.0	10.3	4.8	e
2	Nephelometry	7	100.0	0.0	0.0	10.8	6.4	e

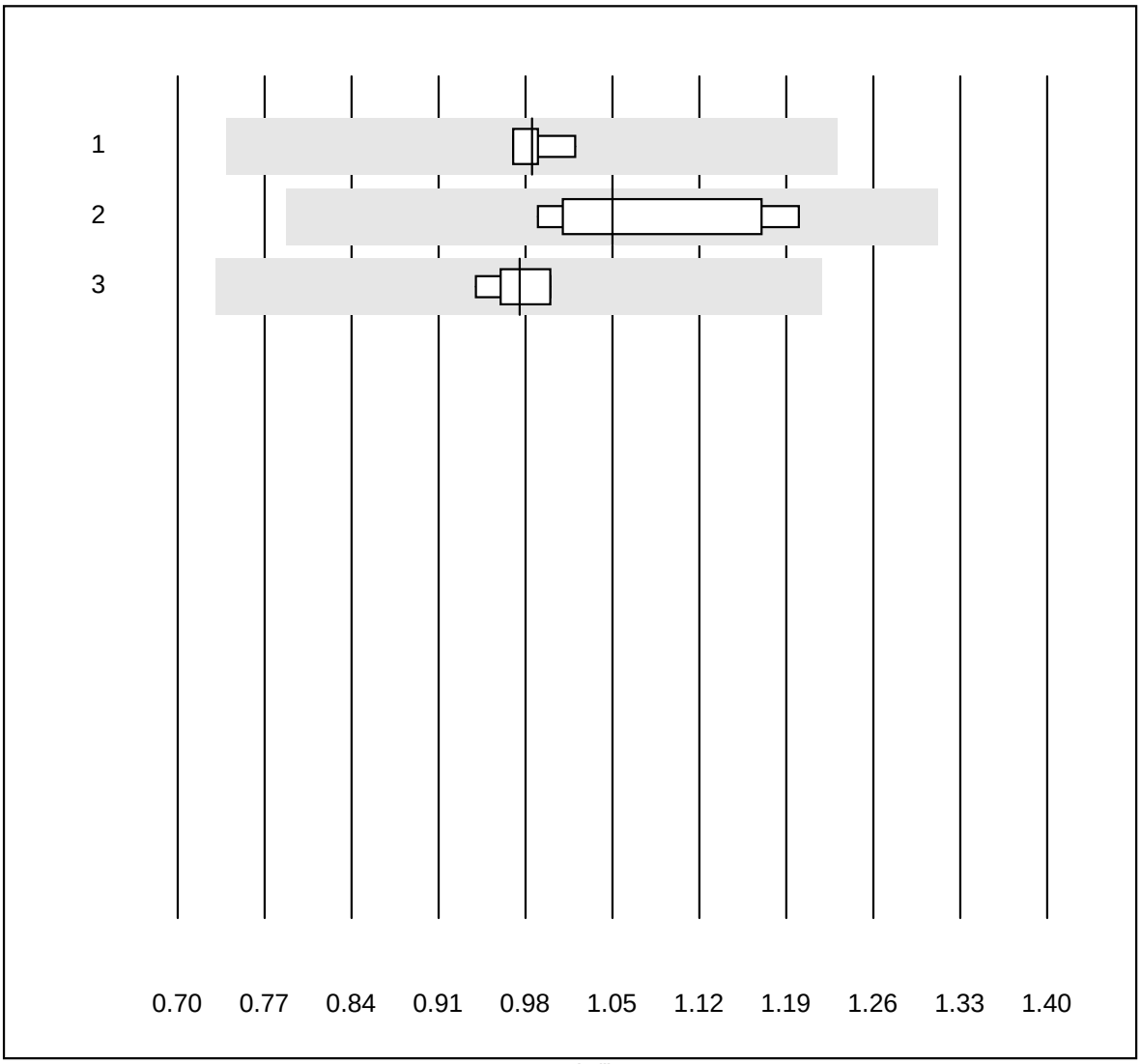
IgA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	11	100.0	0.0	0.0	1.9	3.4	e
2	Nephelometry	7	100.0	0.0	0.0	2.1	5.9	e

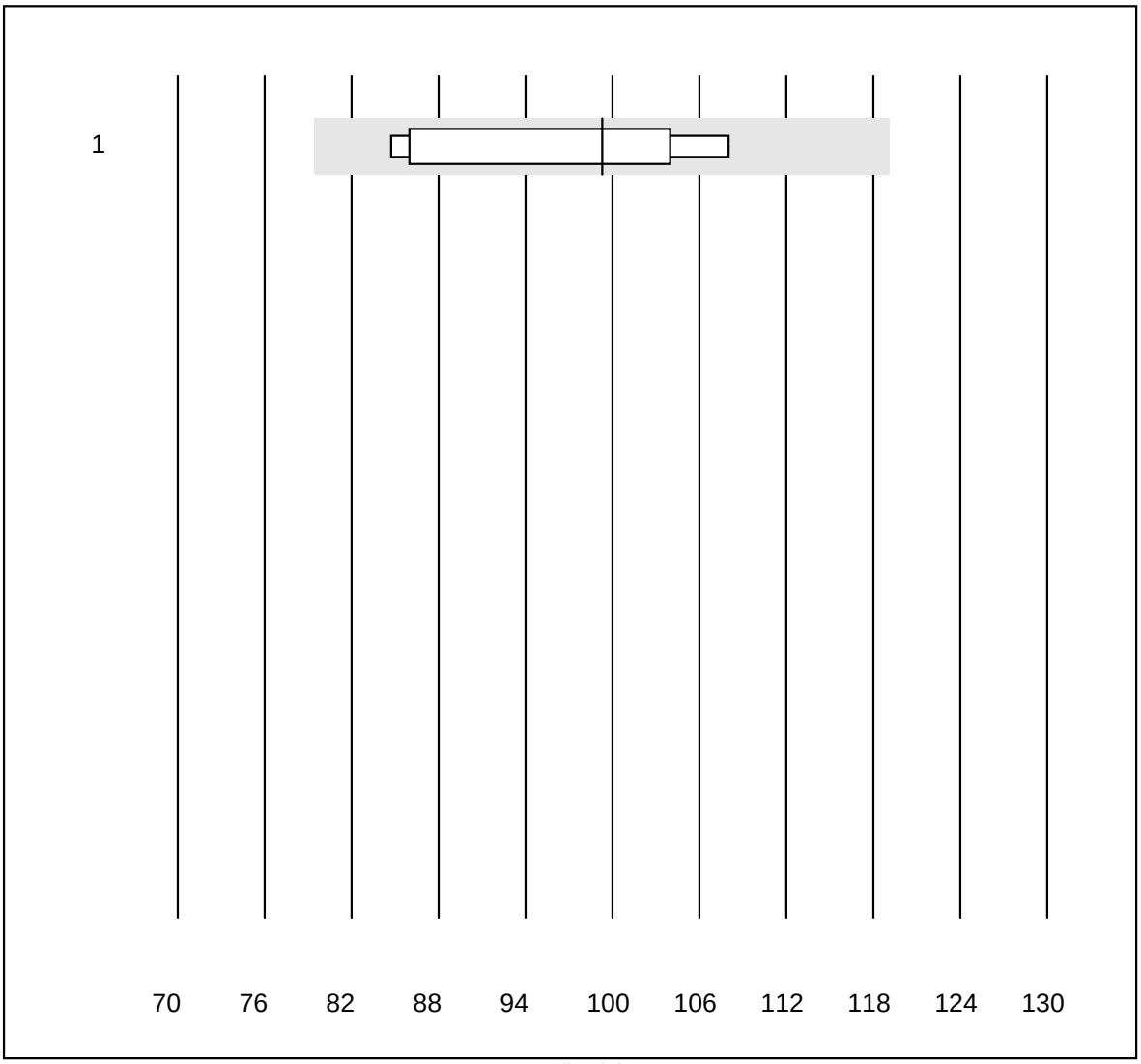
IgM



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	4	100.0	0.0	0.0	1.0	2.2	e
2	Nephelometry	7	100.0	0.0	0.0	1.1	7.4	e
3	Cobas Integra 800/40	6	100.0	0.0	0.0	1.0	2.4	e

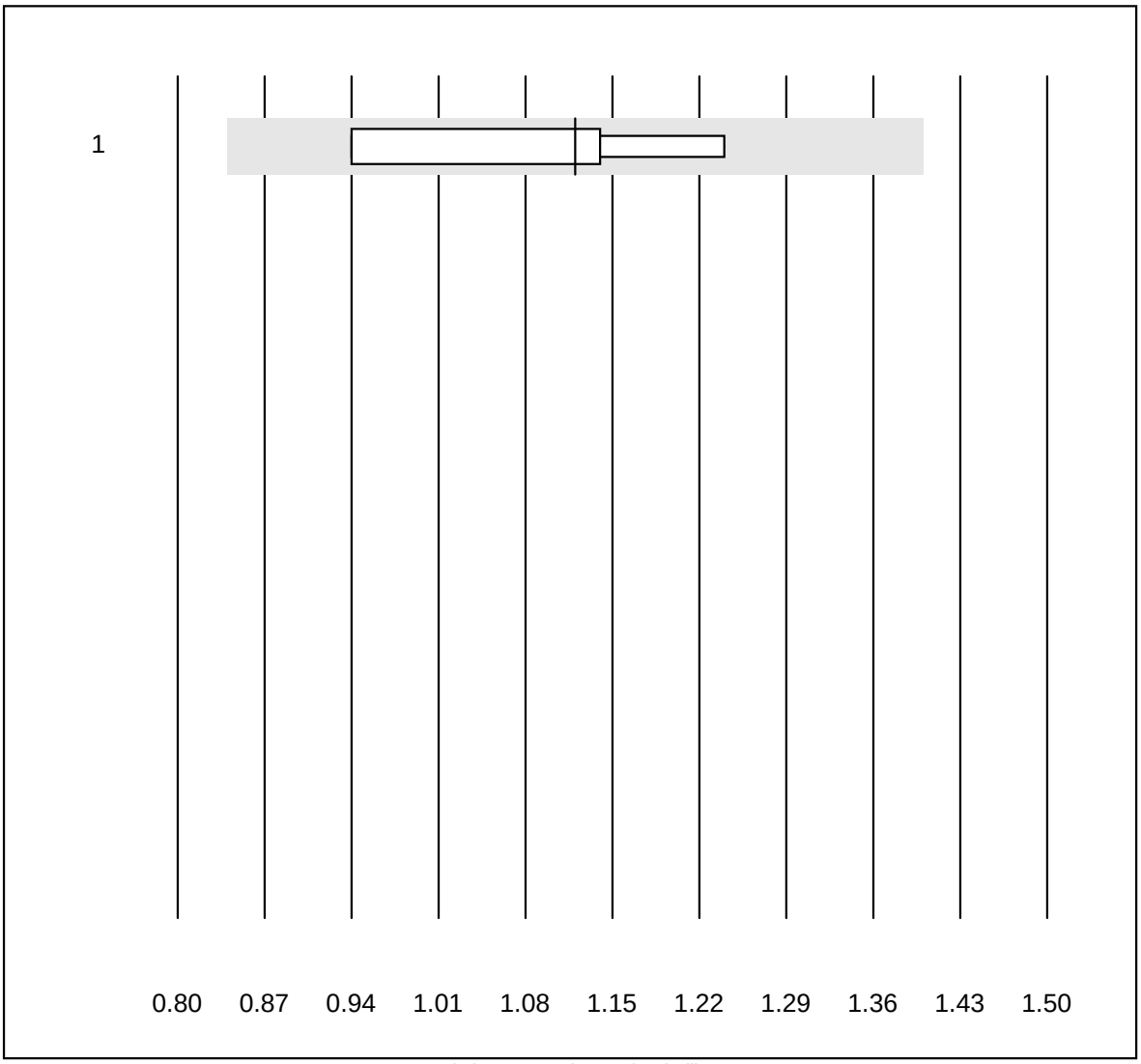
IgE



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	9	88.9	0.0	11.1	99	8.7	e*

Alpha-1-Antitrypsin

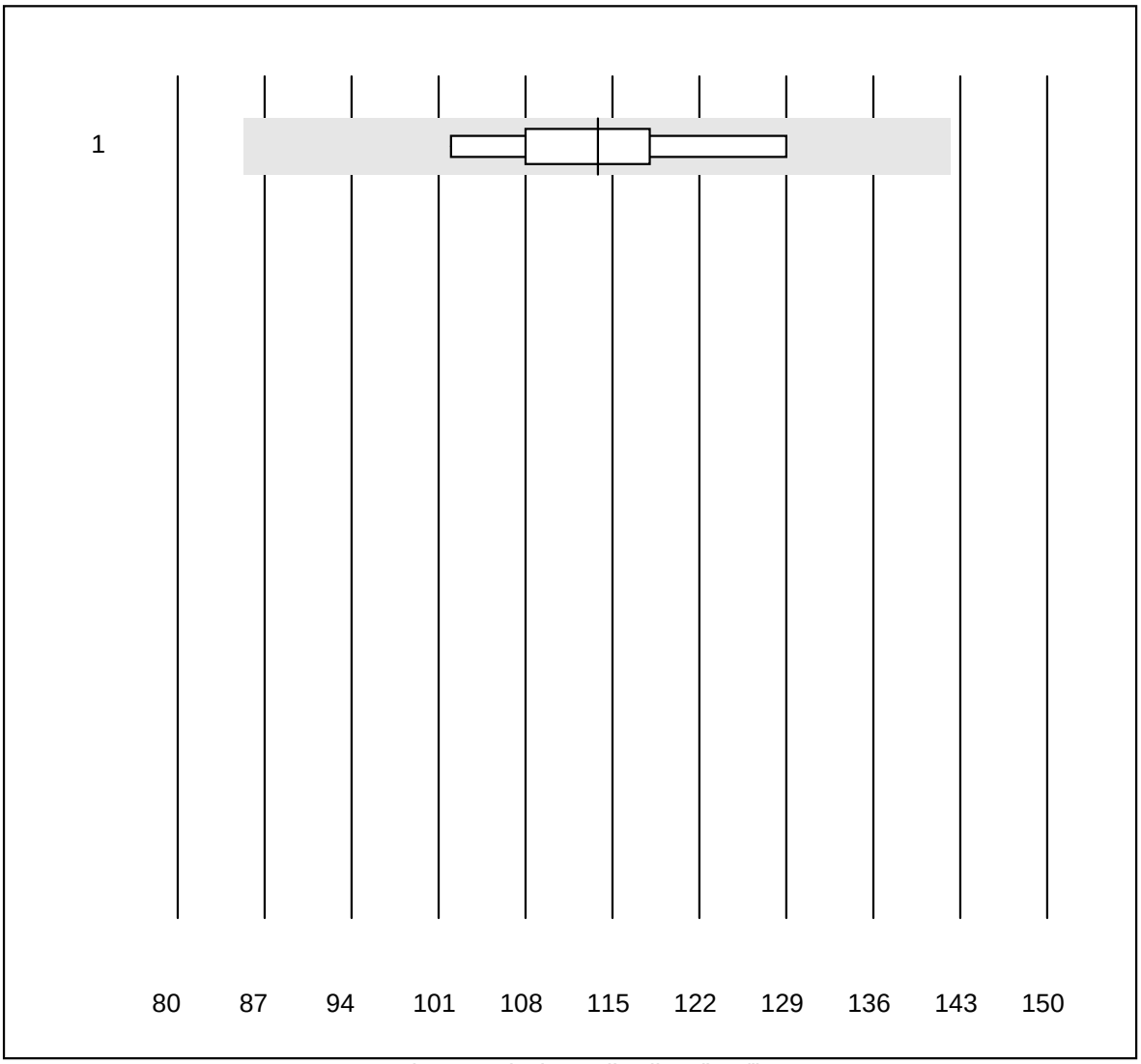


QUALAB tolerance : 25 %

Alpha-1-Antitrypsin (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Nephelometry	4	100.0	0.0	0.0	1.12	11.3	e*

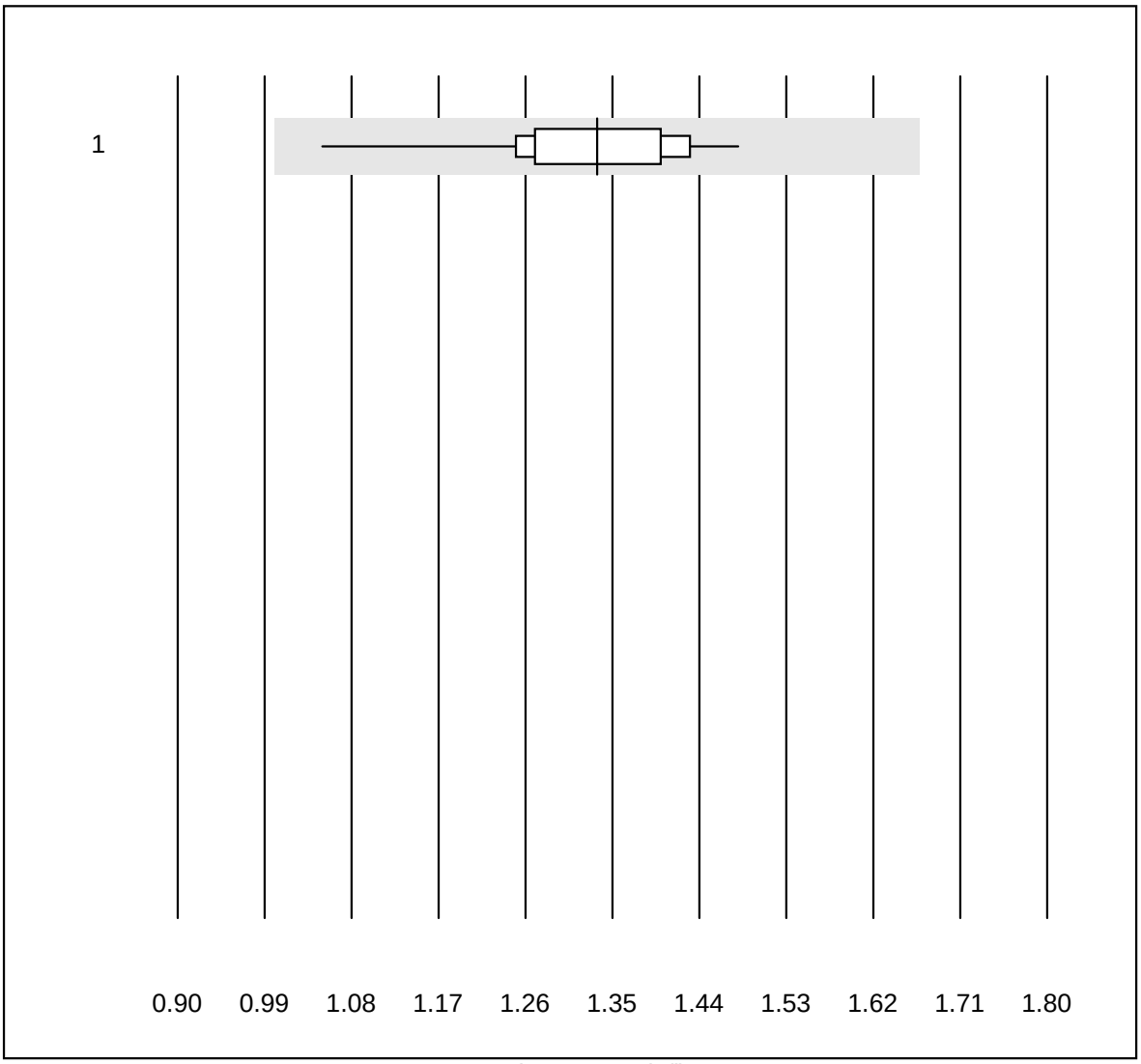
Anti-Streptolysin-Antibodies



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	10	100.0	0.0	0.0	114	8.1	e

Complement C3

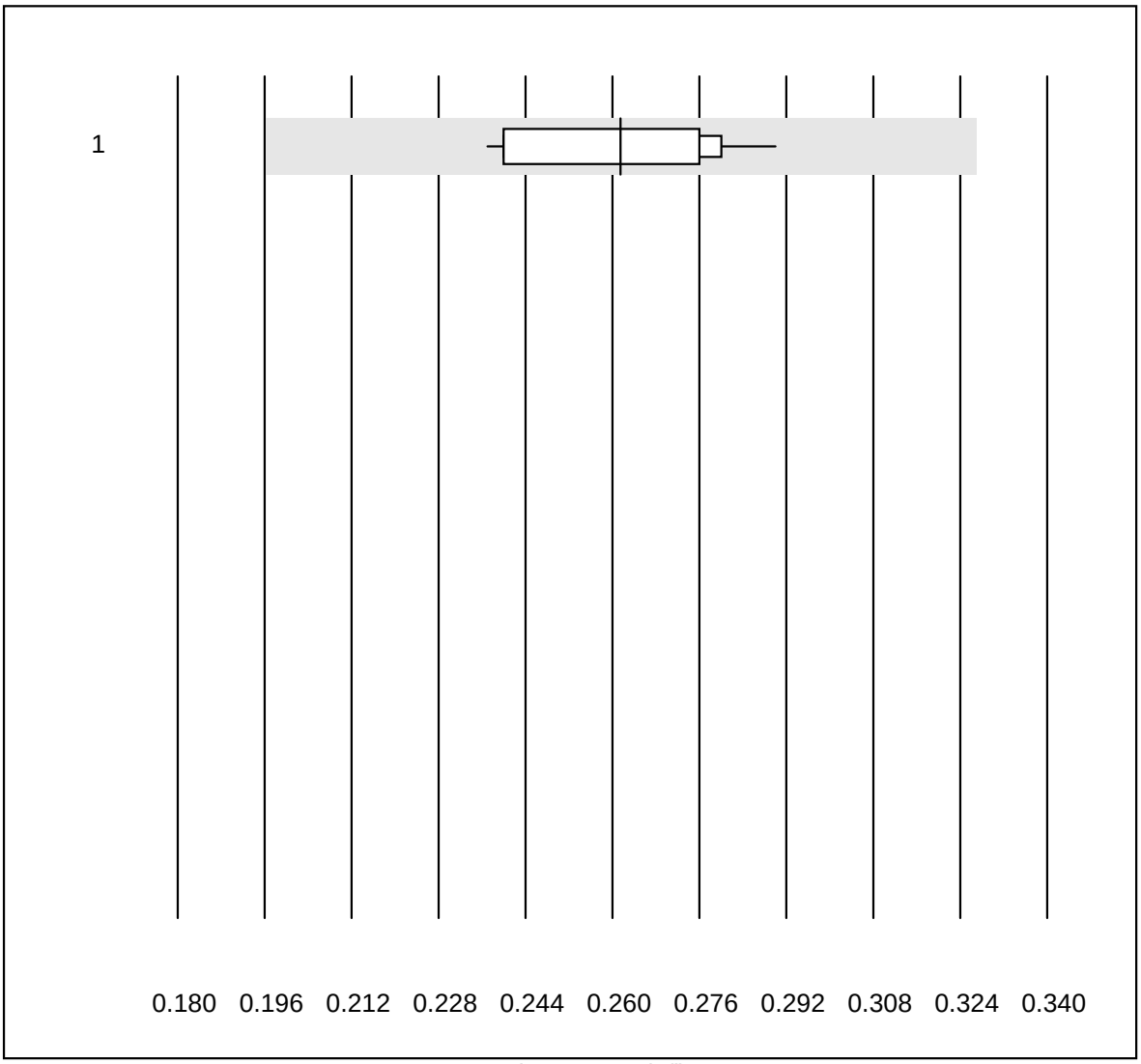


QUALAB tolerance : 25 %

Complement C3 (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	12	100.0	0.0	0.0	1.33	8.4	e

Complement C4

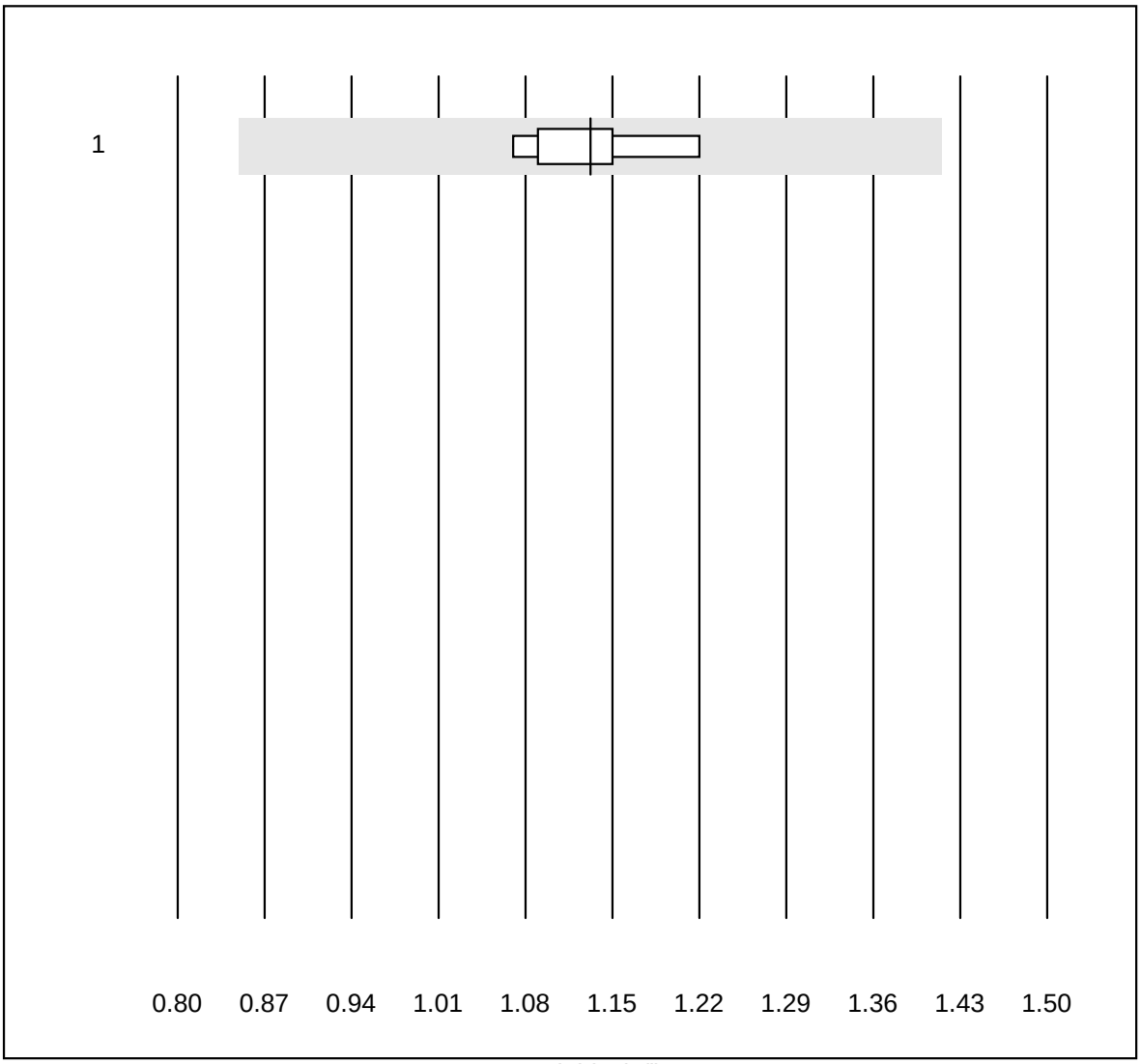


QUALAB tolerance : 25 %

Complement C4 (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	11	100.0	0.0	0.0	0.26	6.9	e

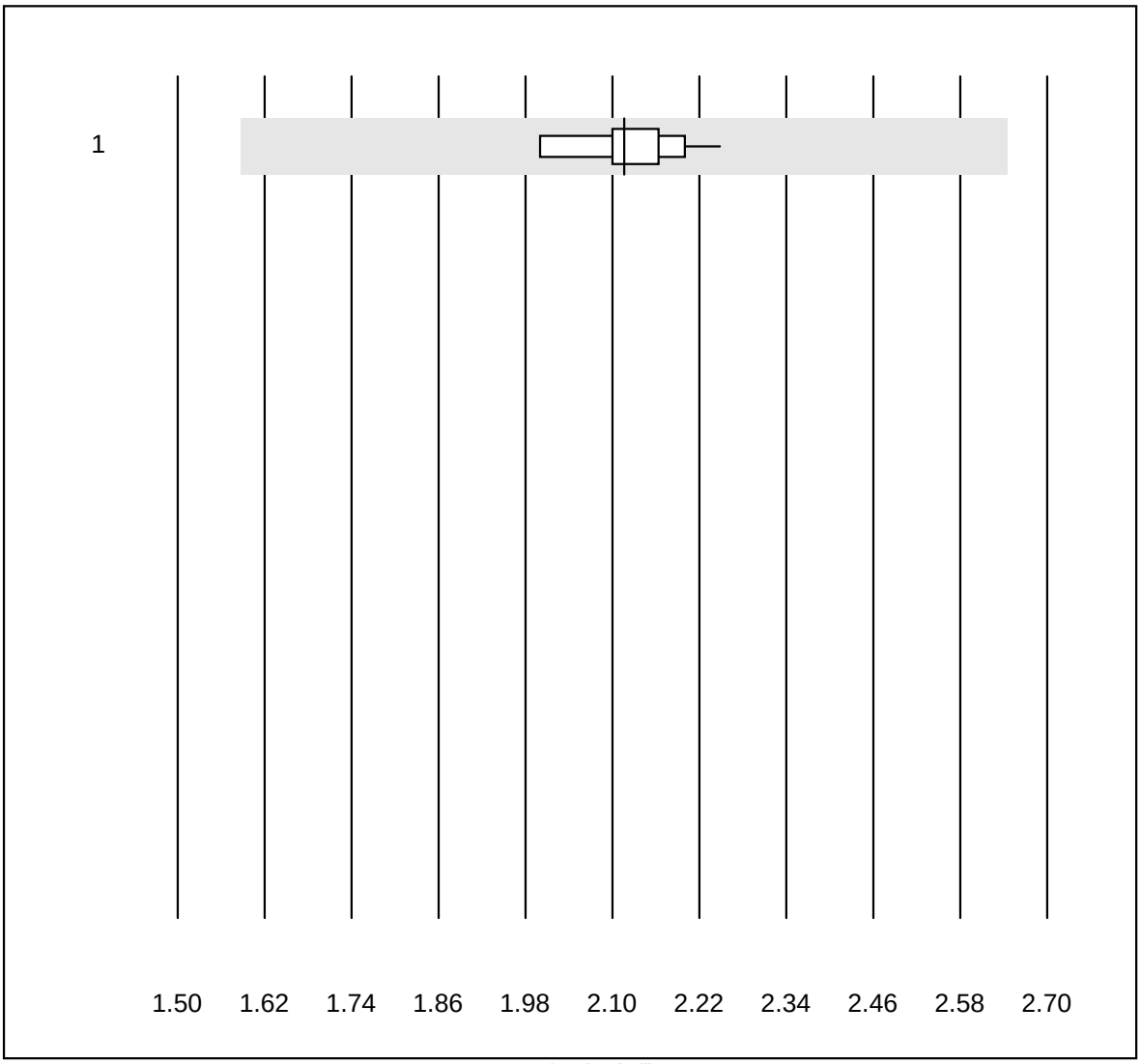
Haptoglobin



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	13	100.0	0.0	0.0	1.13	4.5	e

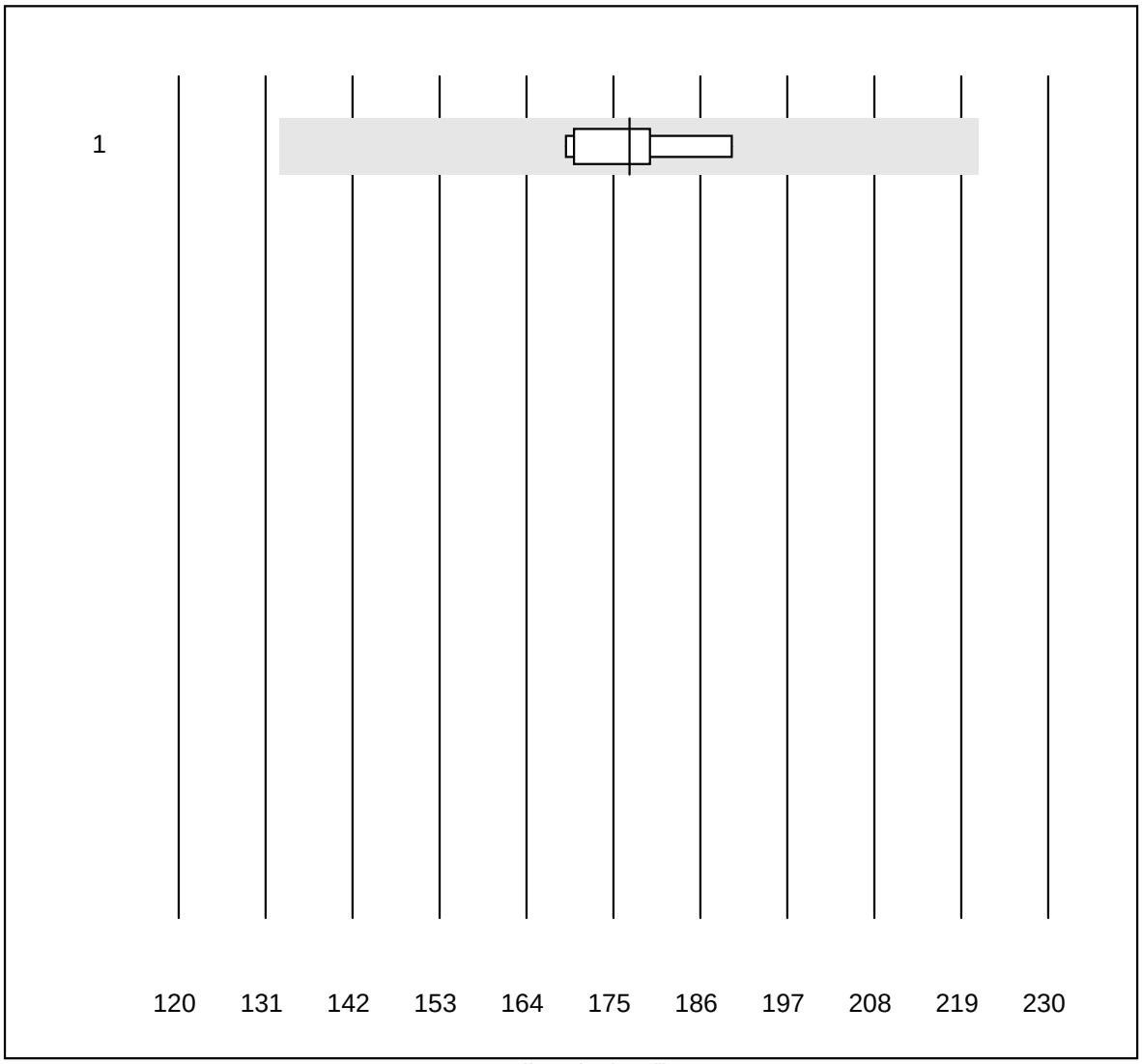
Transferrin



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	14	100.0	0.0	0.0	2.12	3.2	e

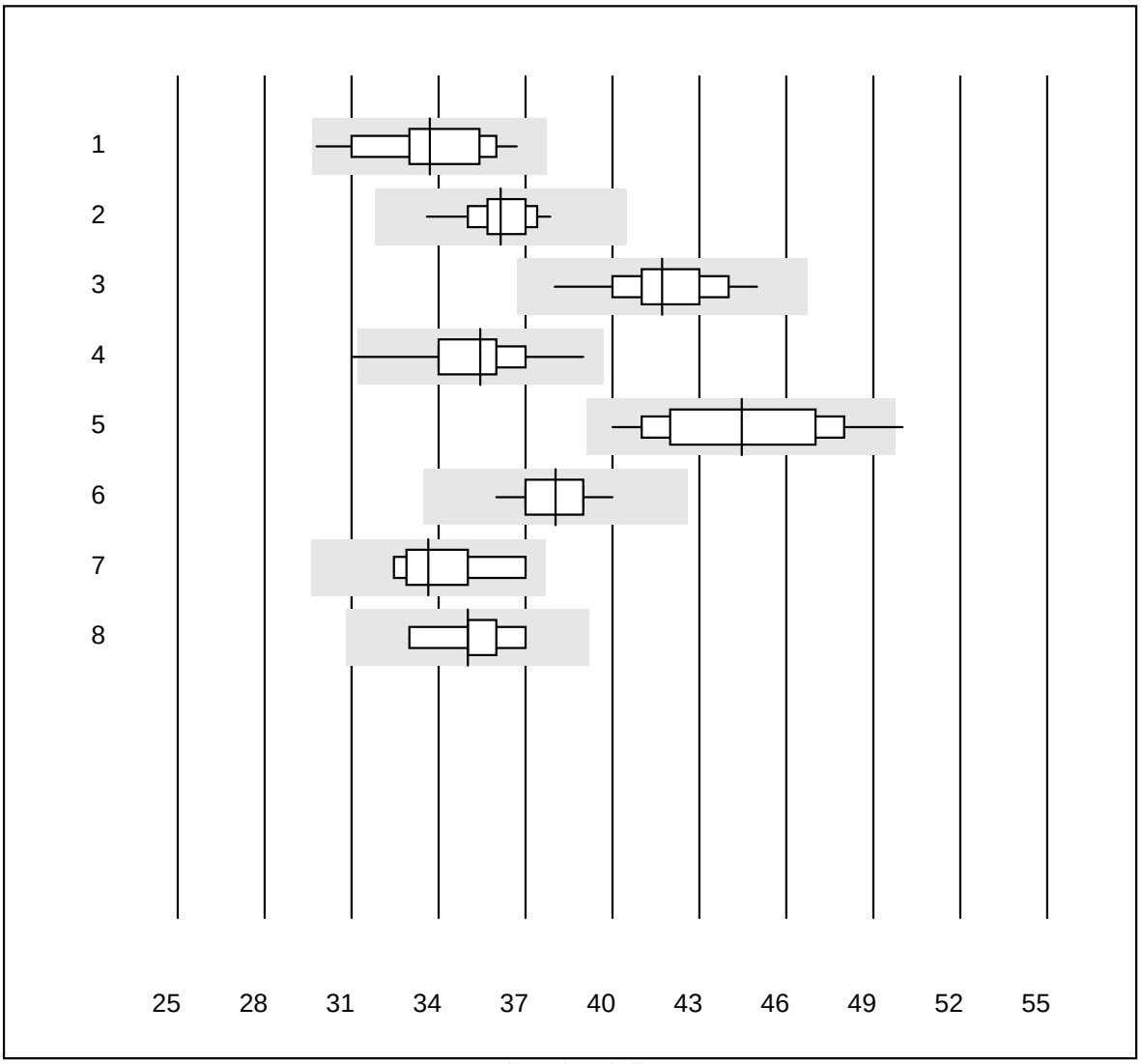
Präalbumin



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	8	100.0	0.0	0.0	177.0	3.8	e

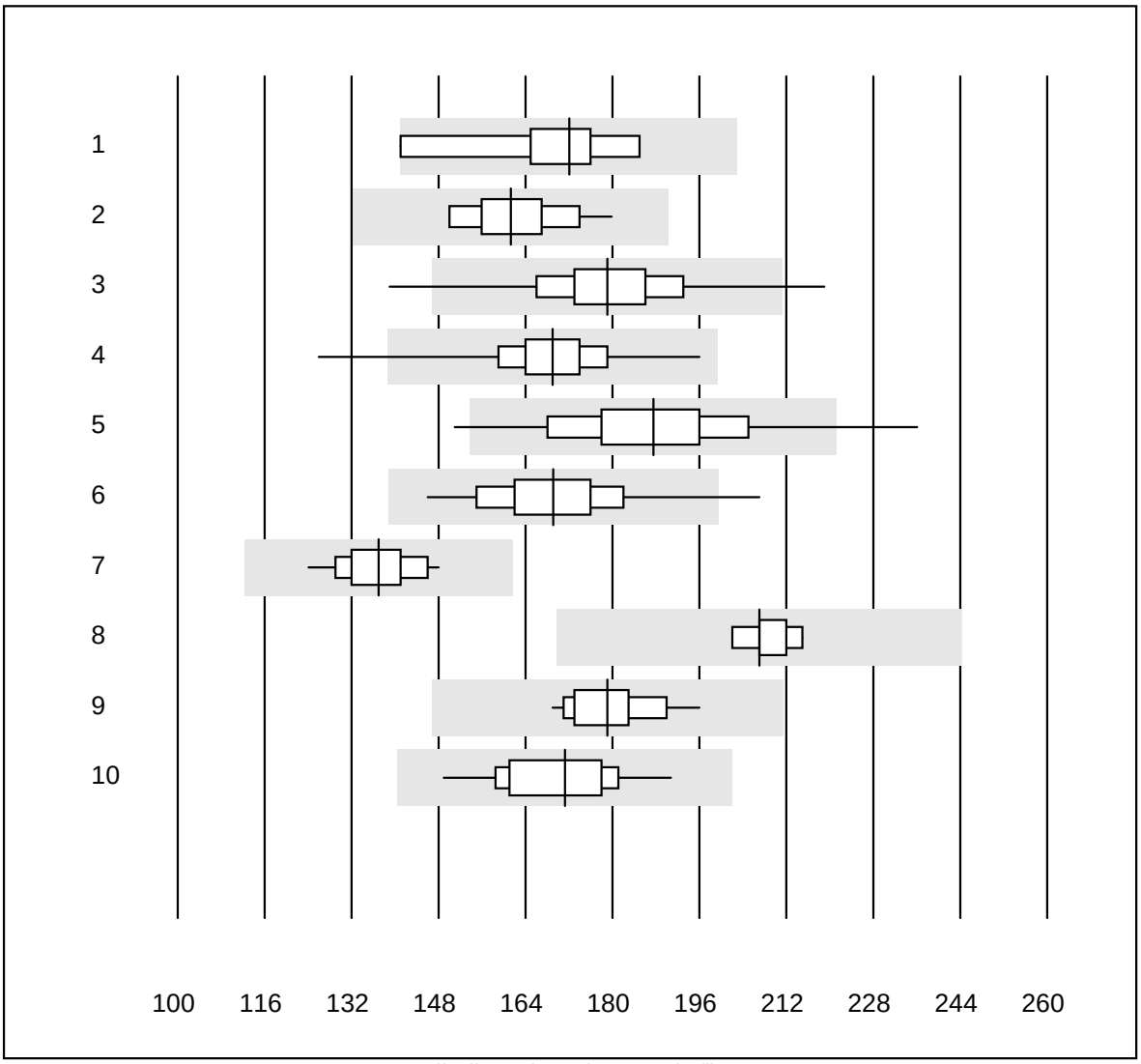
Albumine



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	14	100.0	0.0	0.0	34	5.9	e*
2	Cobas	14	100.0	0.0	0.0	36	3.0	e
3	Fuji Dri-Chem	165	98.8	0.0	1.2	42	3.7	e
4	Spotchem/Ready	45	93.4	2.2	4.4	35	4.8	e
5	Spotchem D-Concept	64	95.3	1.6	3.1	44	5.7	e
6	Piccolo	27	100.0	0.0	0.0	38	2.5	e
7	Abx Mira	8	100.0	0.0	0.0	34	5.1	e*
8	Hitachi S40/M40	8	100.0	0.0	0.0	35	3.3	e

Alkaline phosphatase

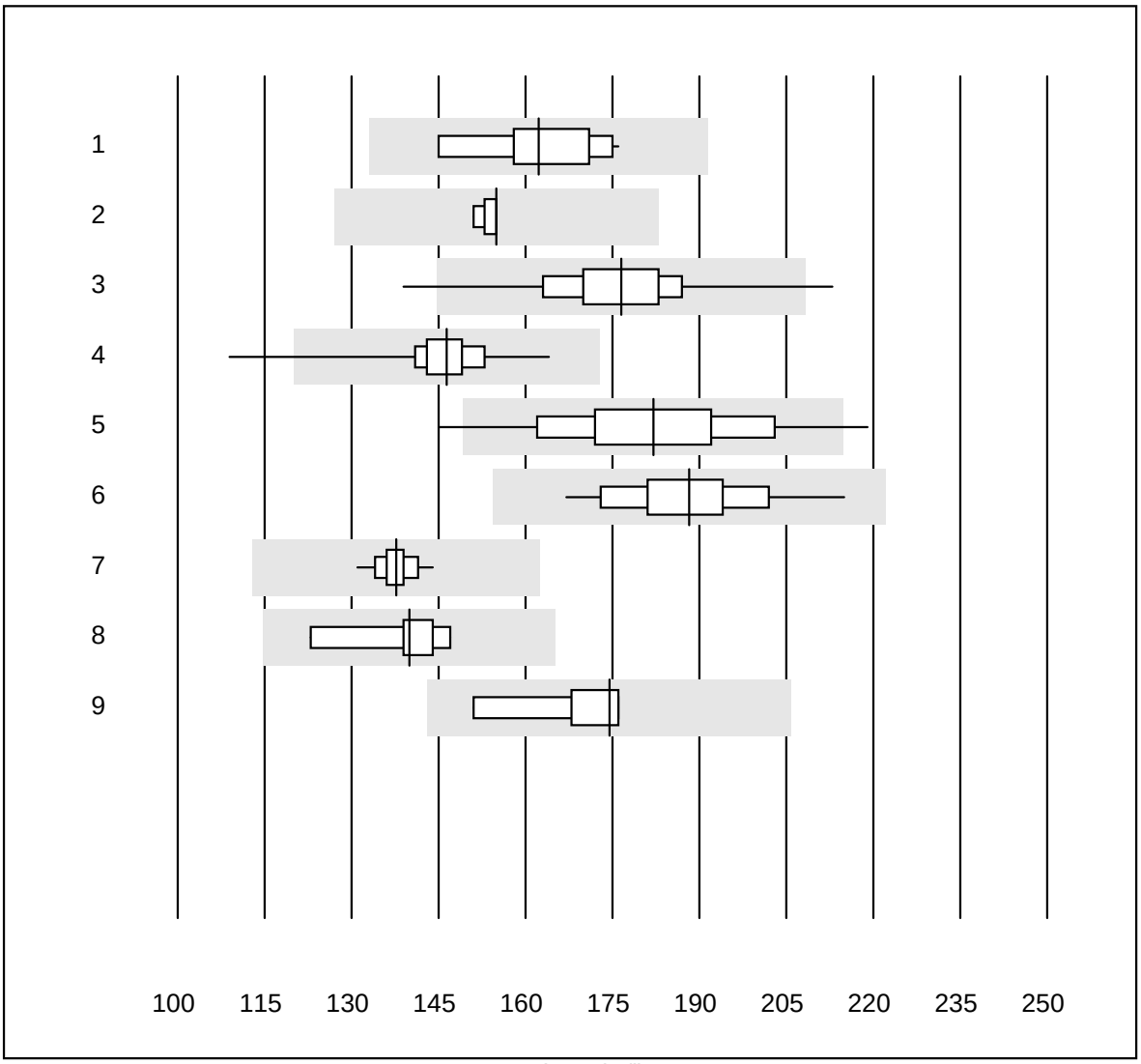


QUALAB tolerance : 18 %

Alkaline phosphatase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC/SGKC 37'C	9	88.9	11.1	0.0	172	7.3	e*
2	Cobas	19	100.0	0.0	0.0	161	5.4	e
3	Reflotron	707	97.4	0.8	1.8	179	6.0	e
4	Fuji Dri-Chem	640	98.3	0.3	1.4	169	4.7	e
5	Spotchem/Ready	127	92.9	5.5	1.6	188	8.4	e
6	Spotchem D-Concept	118	98.4	0.8	0.8	169	6.4	e
7	Hitachi S40/M40	12	100.0	0.0	0.0	137	5.2	e
8	Olympus	5	100.0	0.0	0.0	207	2.4	e
9	Piccolo	26	100.0	0.0	0.0	179	3.8	e
10	Abx Mira	21	95.2	0.0	4.8	171	6.2	e

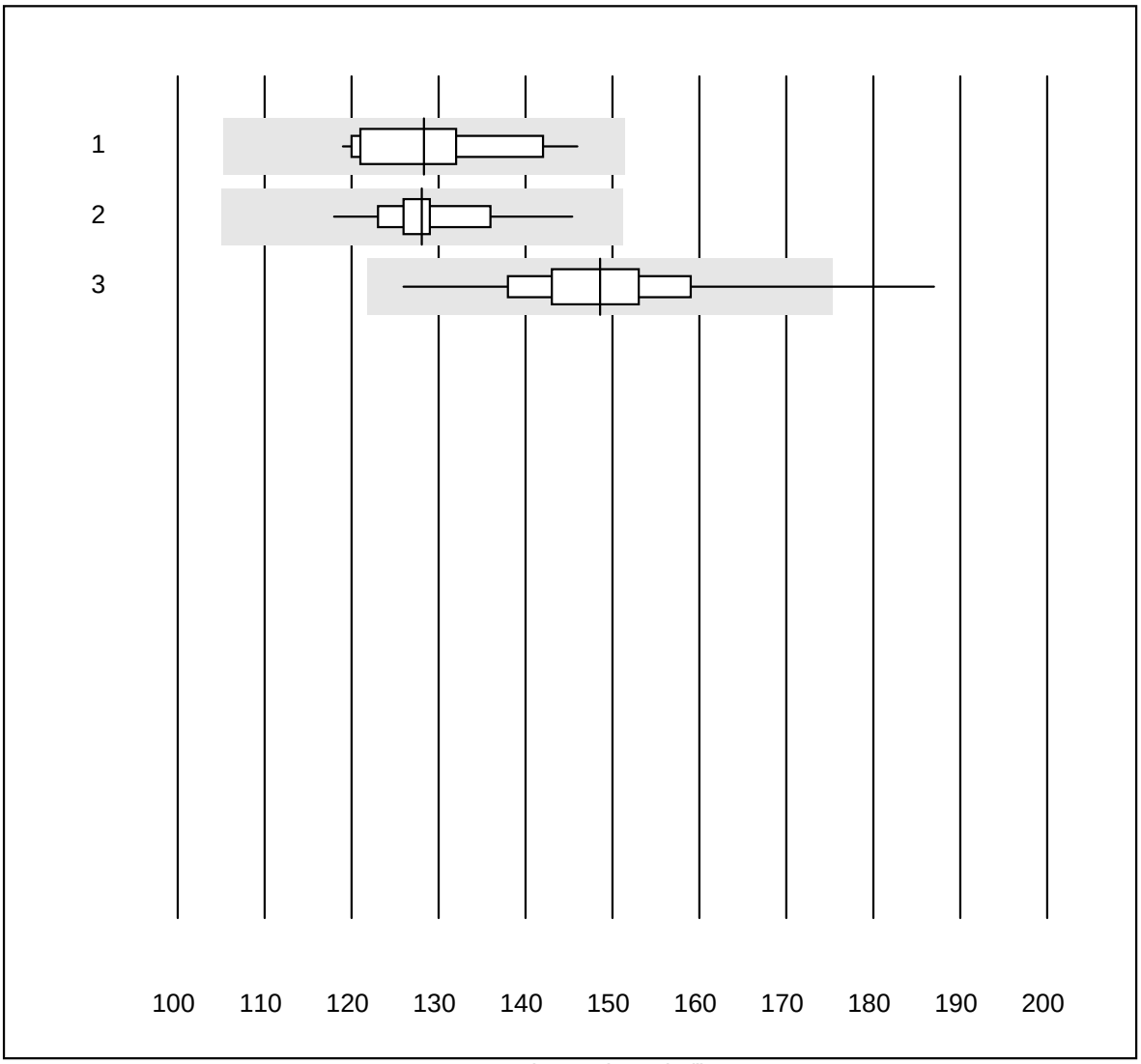
Amylase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC EPS liquid 37°C	10	100.0	0.0	0.0	162	5.9	e
2	Cobas	7	100.0	0.0	0.0	155	1.0	e
3	Reflotron	191	98.0	1.0	1.0	177	5.6	e
4	Fuji Dri-Chem	476	99.0	0.2	0.8	146	3.7	e
5	Spotchem/Ready	83	90.4	7.2	2.4	182	9.0	e
6	Spotchem D-Concept	88	100.0	0.0	0.0	188	5.6	e
7	Piccolo	25	100.0	0.0	0.0	138	2.2	e
8	Abx Mira	9	100.0	0.0	0.0	140	5.0	e
9	Hitachi S40/M40	7	100.0	0.0	0.0	175	5.4	e

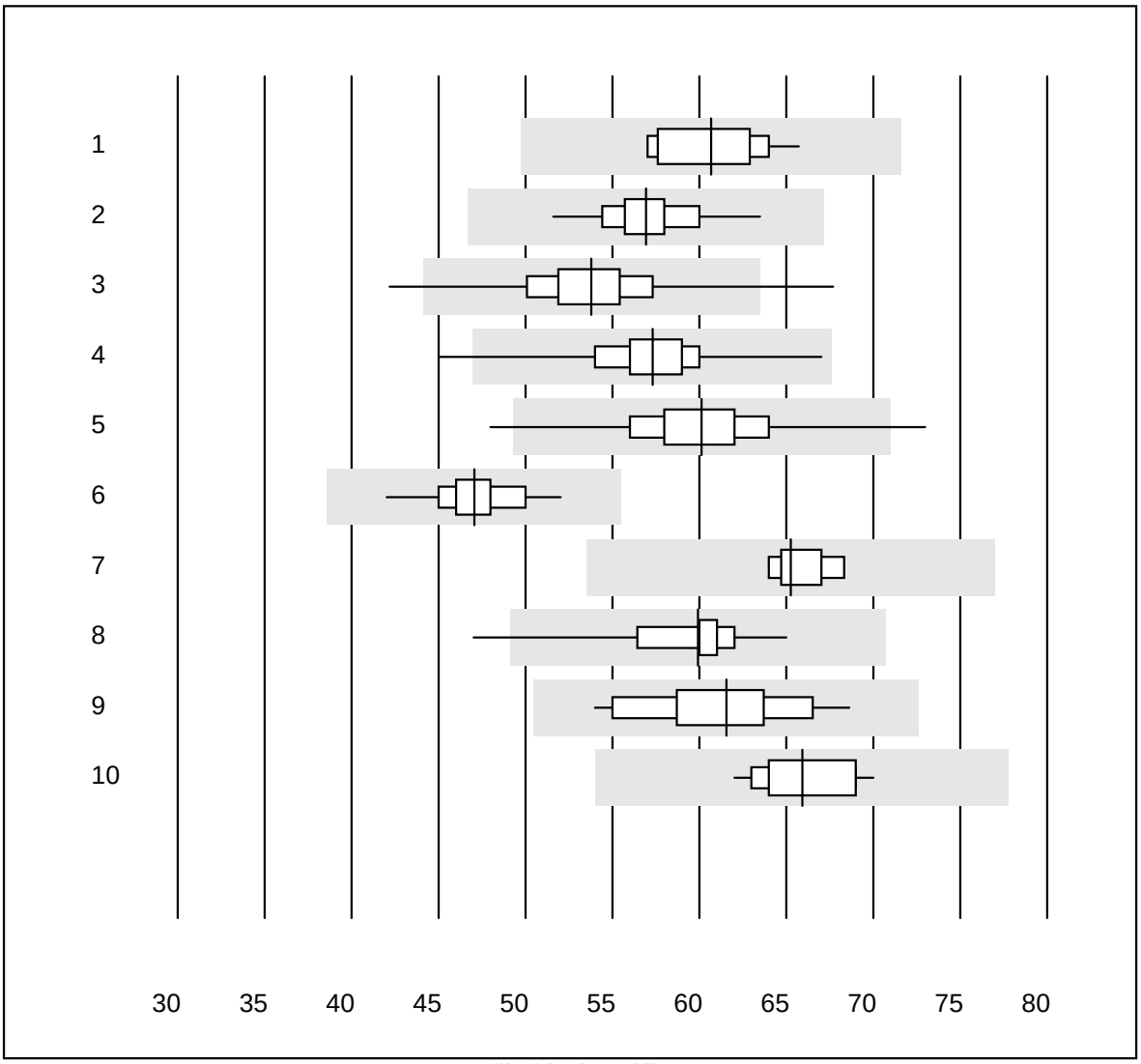
Pancreatic amylase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC EPS liquid 37°C	18	94.4	0.0	5.6	128	6.0	e
2	Cobas	13	100.0	0.0	0.0	128	5.1	e
3	Reflotron	462	98.0	0.9	1.1	149	5.9	e

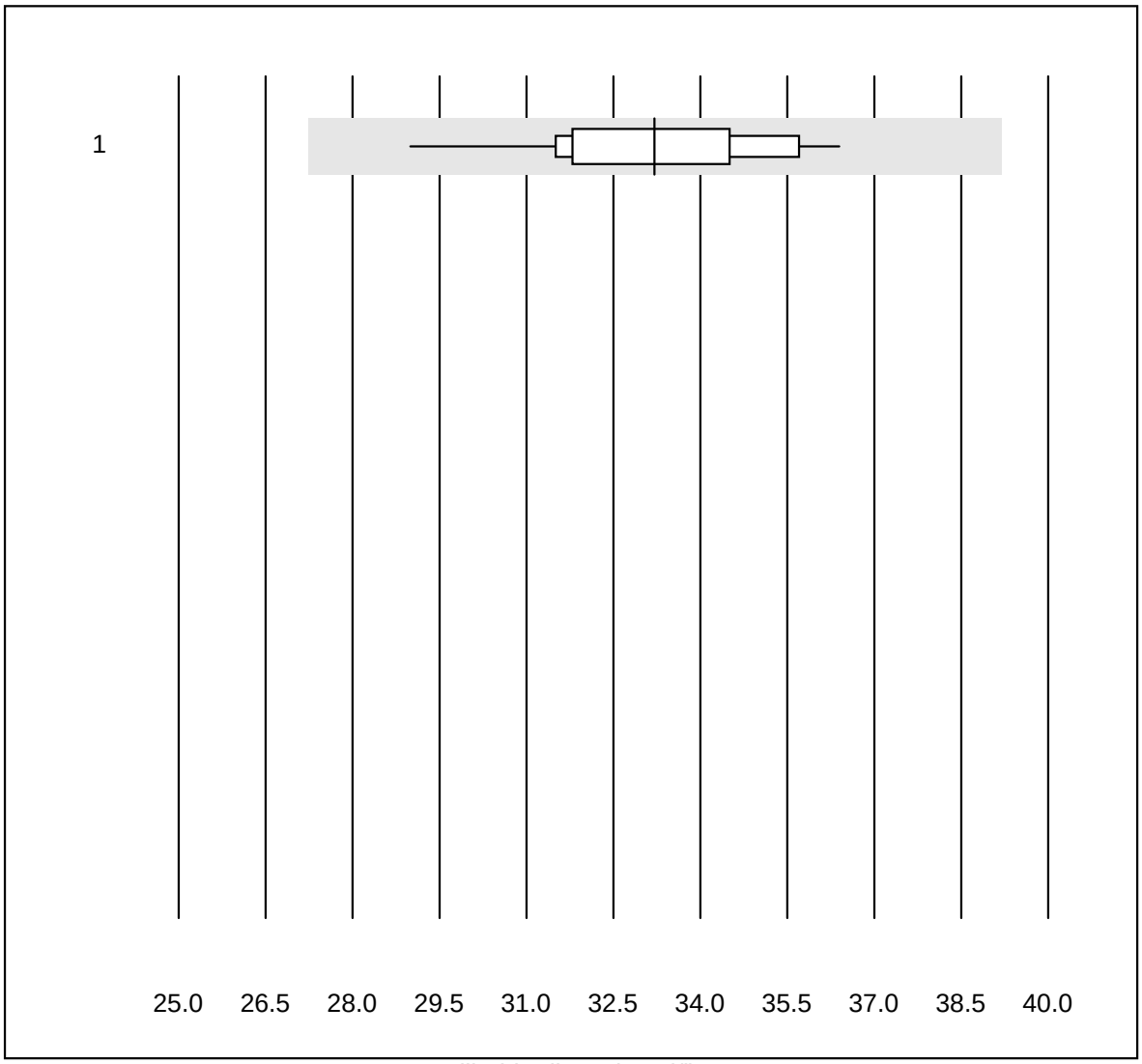
Bilirubin



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	12	100.0	0.0	0.0	60.7	4.7	e
2	Cobas	18	100.0	0.0	0.0	56.9	4.6	e
3	Reflotron	521	96.8	1.3	1.9	53.8	6.0	e
4	Fuji Dri-Chem	481	98.4	0.4	1.2	57.3	4.3	e
5	Spotchem/Ready	100	95.0	2.0	3.0	60.1	6.0	e
6	Spotchem D-Concept	95	96.8	0.0	3.2	47.0	4.0	e
7	Beckman/Olympus	5	100.0	0.0	0.0	65.2	2.7	e
8	Piccolo	24	95.8	4.2	0.0	59.9	6.4	e
9	Abx Mira	20	95.0	0.0	5.0	61.5	6.5	e
10	Hitachi S40/M40	11	100.0	0.0	0.0	65.9	4.1	e

Bilirubin direct

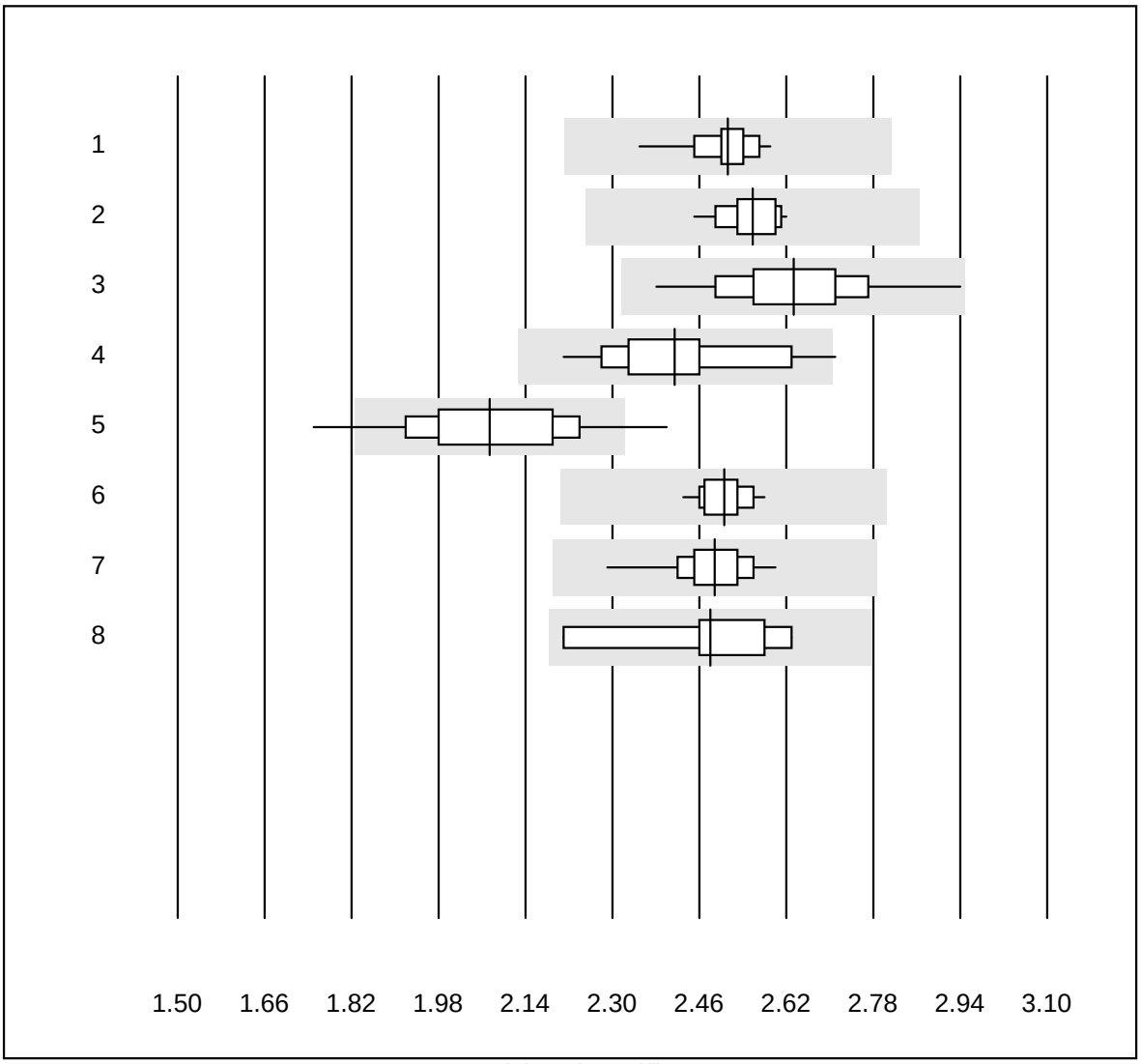


QUALAB tolerance : 18 %

Bilirubin direct (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Fuji Dri-Chem	30	96.7	0.0	3.3	33.2	5.3	e

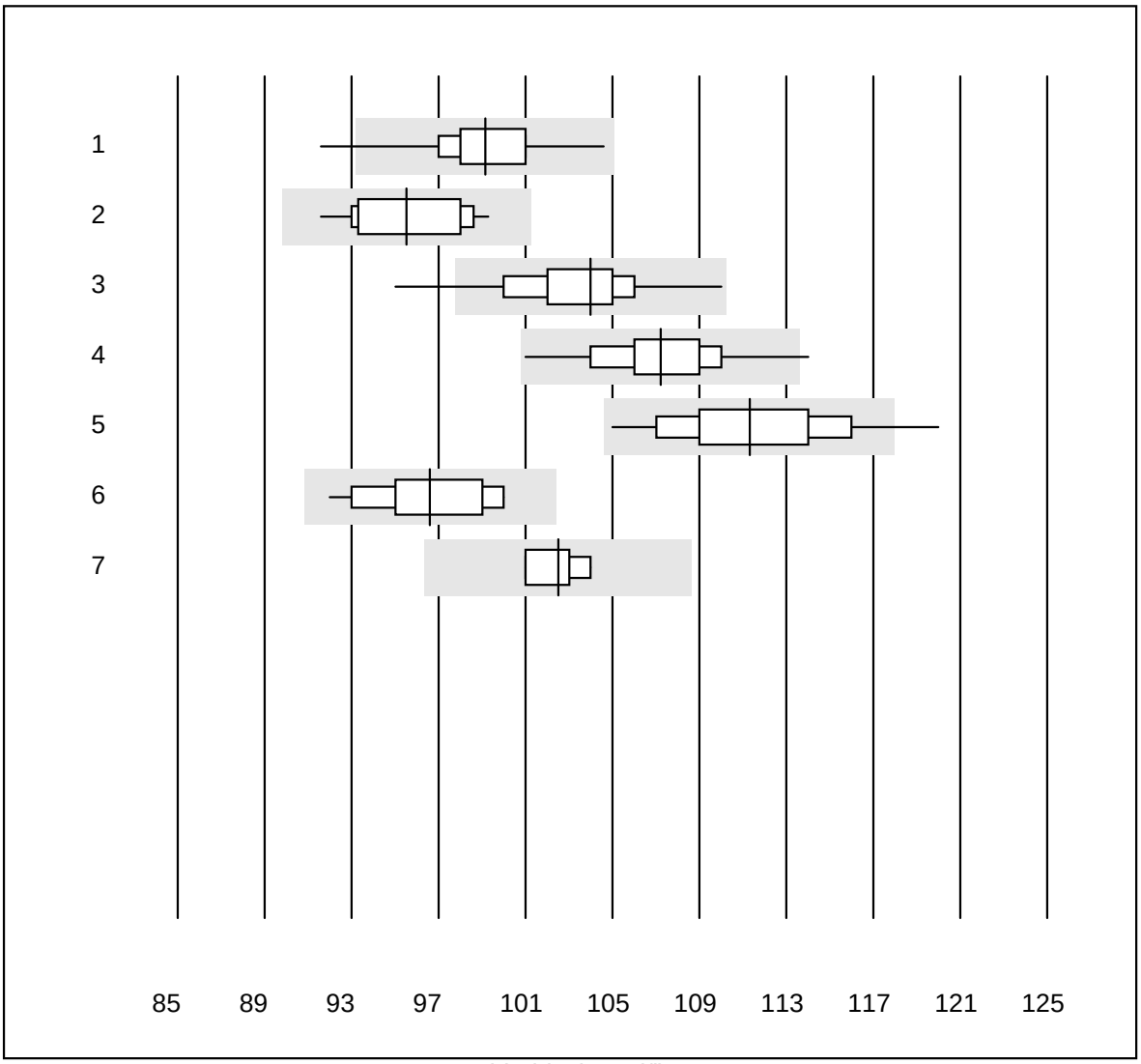
Calcium



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	17	100.0	0.0	0.0	2.51	2.2	e
2	Cobas	13	100.0	0.0	0.0	2.56	2.0	e
3	Fuji Dri-Chem	341	98.2	0.0	1.8	2.63	4.1	e
4	Spotchem/Ready	49	96.0	2.0	2.0	2.41	5.2	e
5	Spotchem D-Concept	62	88.7	9.7	1.6	2.07	7.1	e
6	Piccolo	25	100.0	0.0	0.0	2.51	1.6	e
7	Abx Mira	14	100.0	0.0	0.0	2.49	3.0	e
8	Hitachi S40/M40	9	100.0	0.0	0.0	2.48	5.3	e*

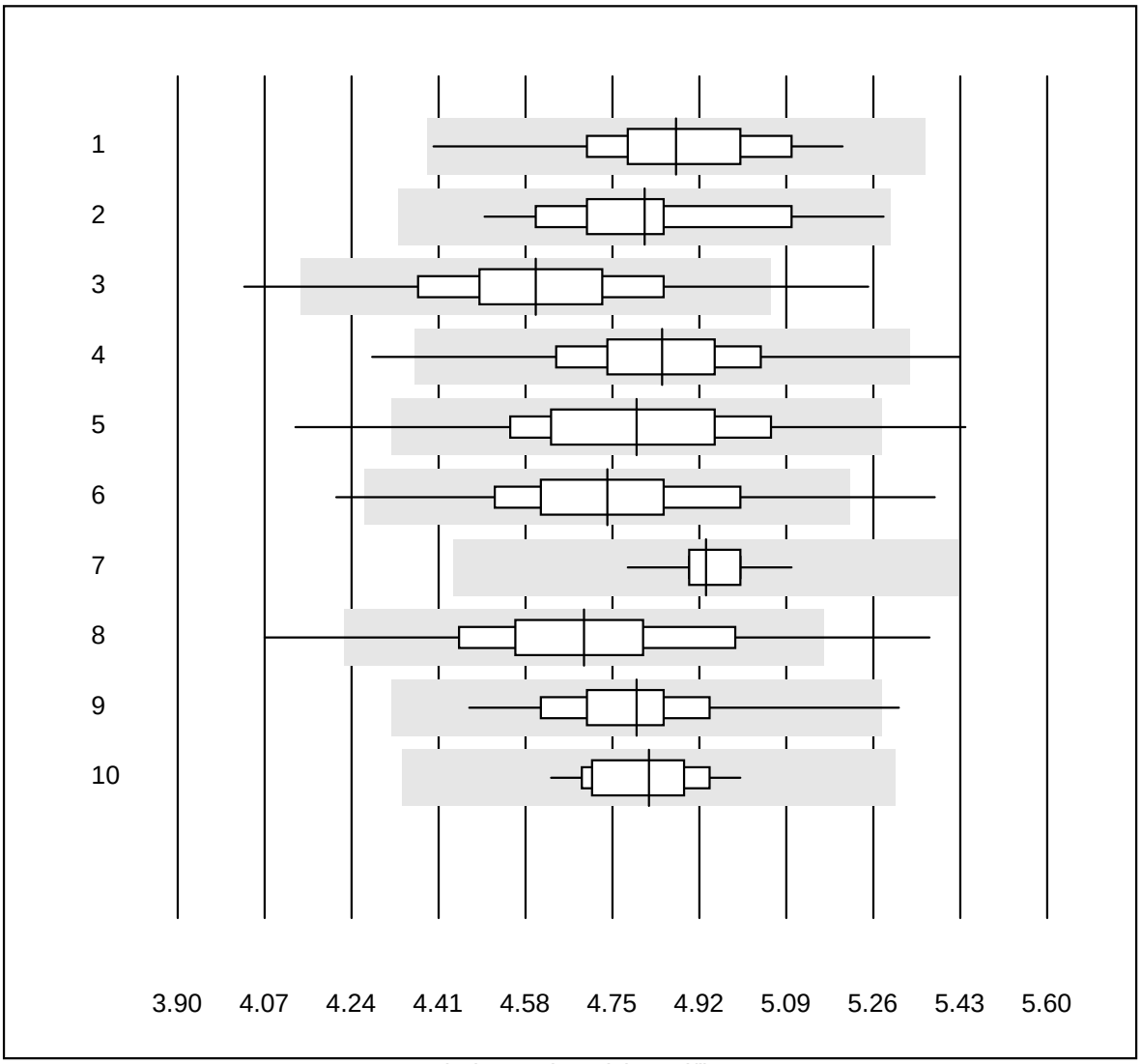
Chloride



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	14	92.9	7.1	0.0	99	2.9	e*
2	Cobas	11	100.0	0.0	0.0	96	2.6	e*
3	Fuji Dri-Chem	560	95.9	2.1	2.0	104	2.4	e
4	Spotchem D-Concept	107	92.5	1.9	5.6	107	2.4	e
5	Spotchem EL-SE 1520	116	93.2	3.4	3.4	111	3.1	e
6	Piccolo	16	93.7	0.0	6.3	97	2.8	e
7	iStat Chem8	4	100.0	0.0	0.0	103	1.3	e

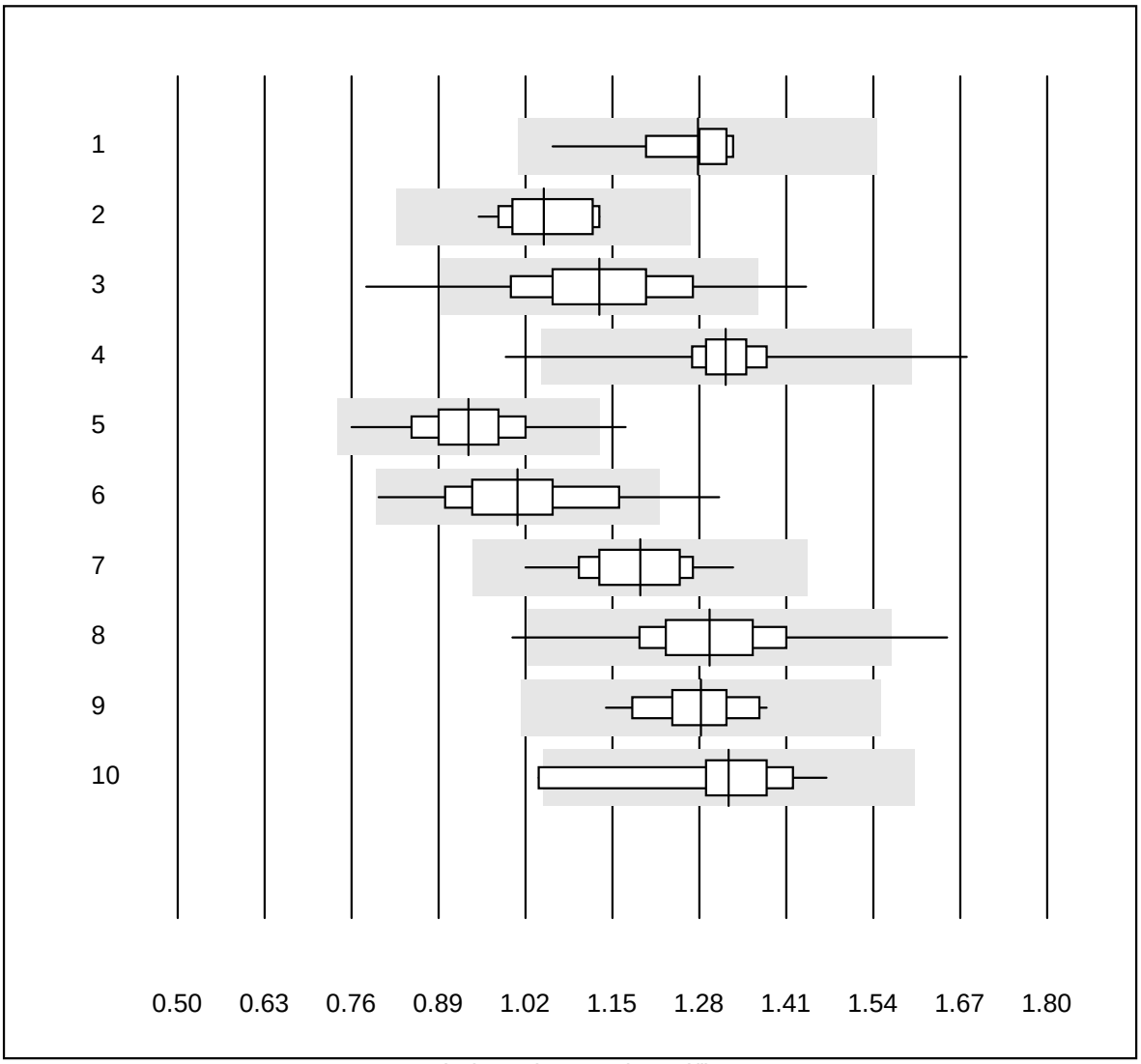
Cholesterol total



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	18	100.0	0.0	0.0	4.9	3.8	e
2	Cobas	17	100.0	0.0	0.0	4.8	3.8	e
3	Reflotron	831	97.2	2.0	0.8	4.6	4.1	e
4	Fuji Dri-Chem	662	99.0	0.5	0.5	4.8	3.3	e
5	Spotchem/Ready	151	92.8	4.6	2.6	4.8	4.7	e
6	Spotchem D-Concept	122	95.9	3.3	0.8	4.7	4.1	e
7	Piccolo	22	100.0	0.0	0.0	4.9	1.5	e
8	Cholestech LDX	191	95.9	3.1	1.0	4.7	4.5	e
9	Abx Mira	21	95.2	4.8	0.0	4.8	3.7	e
10	Hitachi S40/M40	12	100.0	0.0	0.0	4.8	2.3	e

Cholesterin HDL

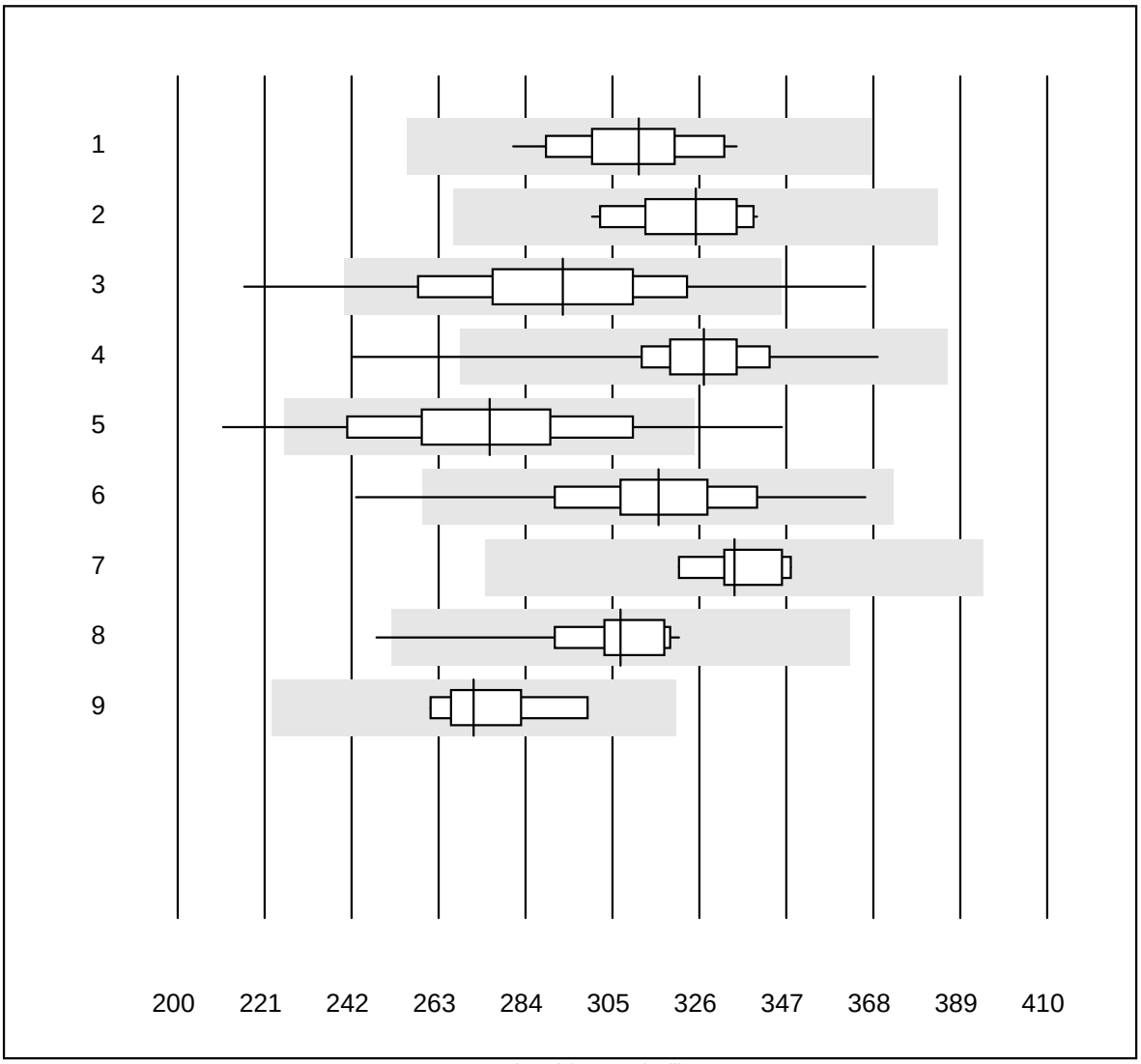


QUALAB tolerance : 21 %

Cholesterin HDL (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Wet chemistry, direc	16	93.7	0.0	6.3	1.28	5.5	e
2	Cobas	15	100.0	0.0	0.0	1.05	5.3	e
3	Reflotron	626	93.4	3.7	2.9	1.13	9.7	e
4	Fuji Dri-Chem	622	99.1	0.3	0.6	1.32	3.7	e
5	Spotchem/Ready	137	94.1	1.5	4.4	0.94	8.0	e
6	Spotchem D-Concept	121	93.4	4.1	2.5	1.01	10.1	e
7	Piccolo	22	100.0	0.0	0.0	1.19	7.0	e
8	Cholestech LDX	191	95.3	2.1	2.6	1.29	7.8	e
9	Abx Mira	20	100.0	0.0	0.0	1.28	5.4	e
10	Hitachi S40/M40	11	81.8	9.1	9.1	1.32	8.7	e*

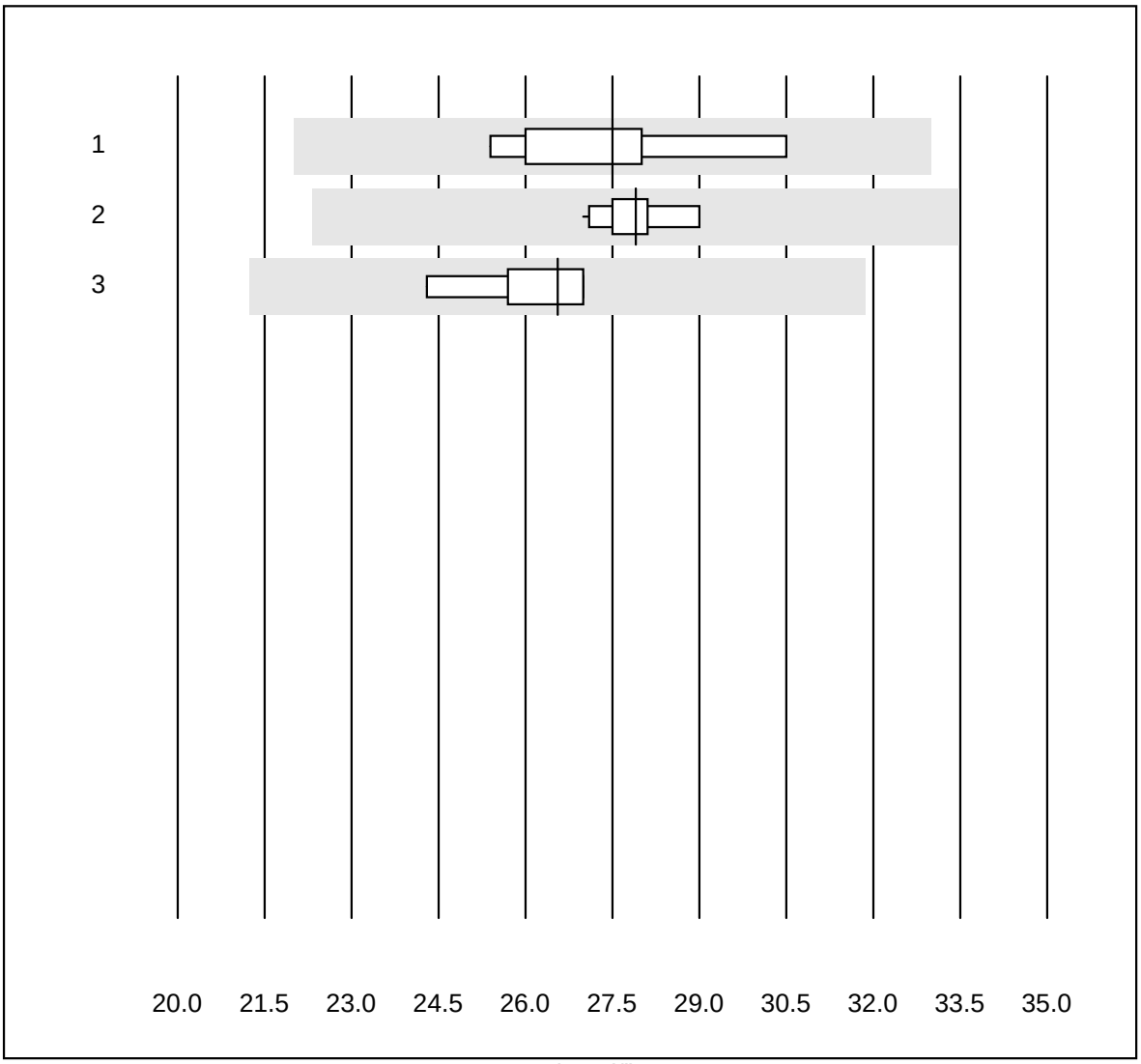
Creatine kinase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC/SGKC 37'C	17	100.0	0.0	0.0	311	5.0	e
2	Cobas	16	100.0	0.0	0.0	325	4.1	e
3	Reflotron	430	94.1	4.0	1.9	293	8.7	e
4	Fuji Dri-Chem	410	99.5	0.5	0.0	327	4.0	e
5	Spotchem/Ready	59	84.7	6.8	8.5	275	9.8	e
6	Spotchem D-Concept	74	97.2	1.4	1.4	316	6.3	e
7	Piccolo	7	100.0	0.0	0.0	335	2.9	e
8	Abx Mira	17	94.1	5.9	0.0	307	5.6	e
9	Hitachi S40/M40	6	100.0	0.0	0.0	272	5.1	e

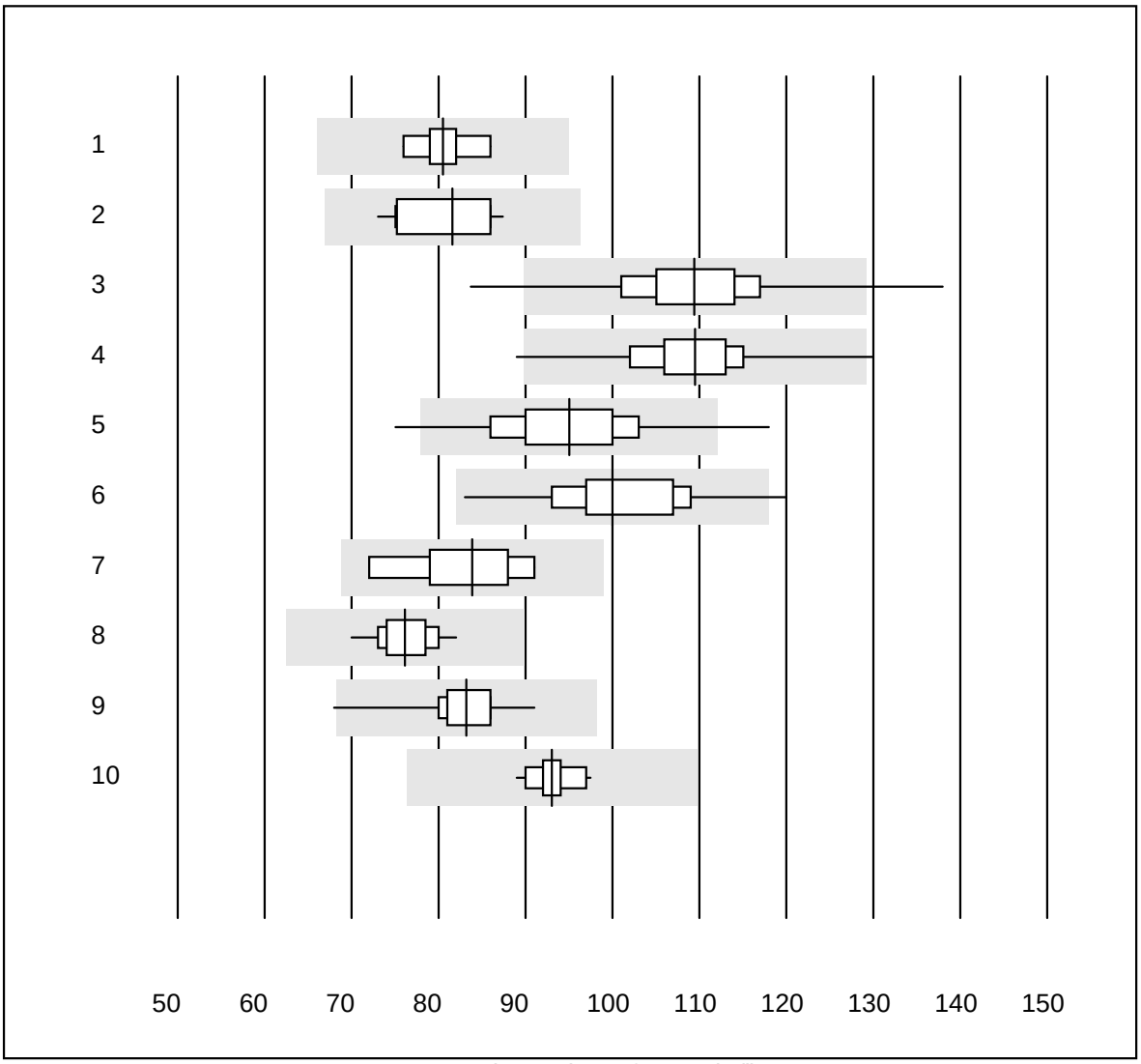
Iron



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	8	100.0	0.0	0.0	28	6.1	e
2	Cobas	11	100.0	0.0	0.0	28	2.3	e
3	Abx Mira	6	100.0	0.0	0.0	27	4.0	e

Gamma-glutamyltransferase

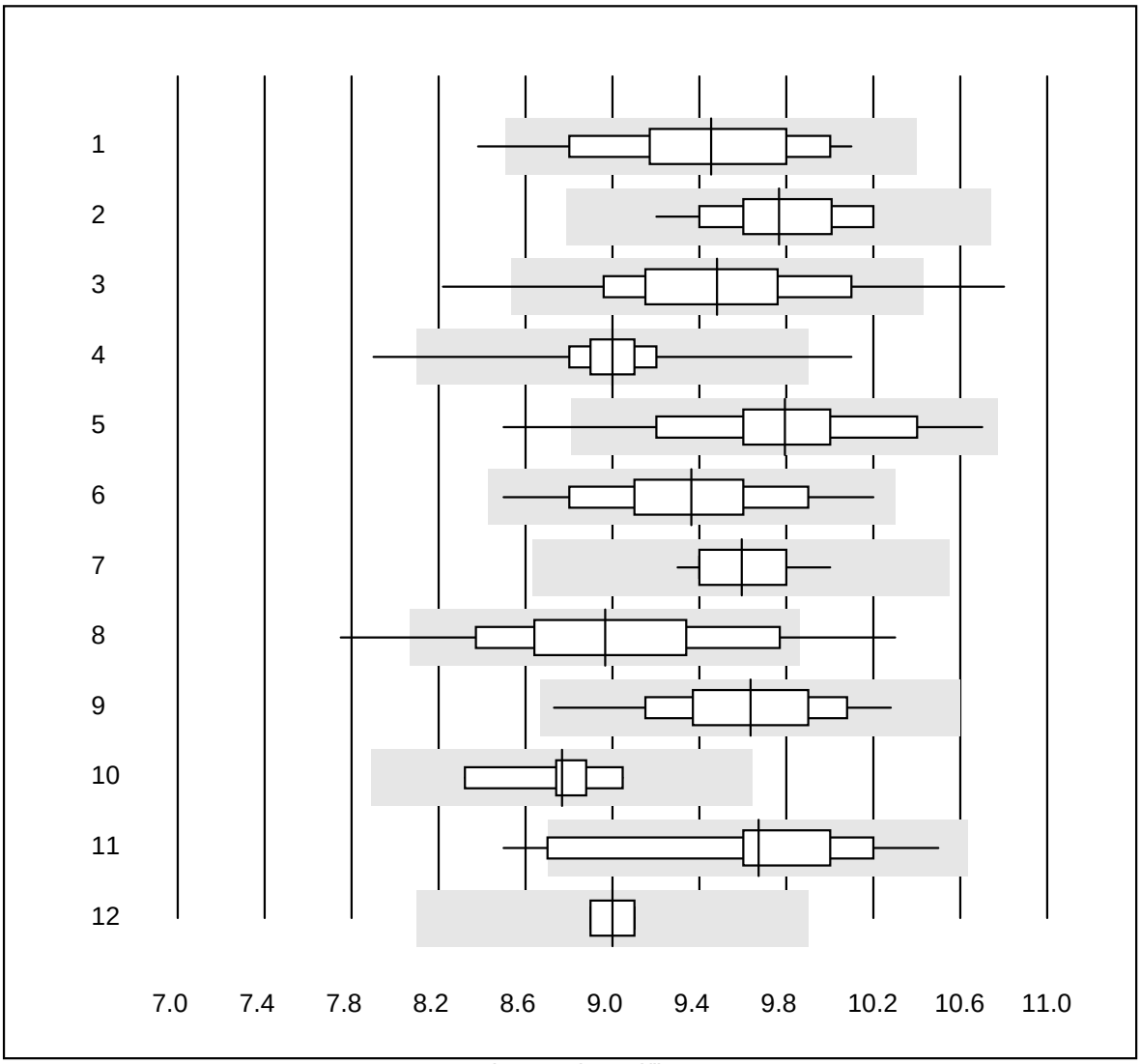


QUALAB tolerance : 18 %

Gamma-glutamyltransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC/SGKC 37'C	6	100.0	0.0	0.0	81	4.1	e
2	Cobas	17	100.0	0.0	0.0	82	6.4	e
3	Reflotron	919	98.5	1.2	0.3	109	6.1	e
4	Fuji Dri-Chem	695	99.3	0.3	0.4	110	4.6	e
5	Spotchem/Ready	155	96.8	1.9	1.3	95	7.7	e
6	Spotchem D-Concept	134	97.8	1.5	0.7	100	7.0	e
7	DGKC 37'C	10	100.0	0.0	0.0	84	7.1	e*
8	Piccolo	28	100.0	0.0	0.0	76	4.1	e
9	Abx Mira	22	95.5	4.5	0.0	83	5.3	e
10	Hitachi S40/M40	14	92.9	0.0	7.1	93	2.7	e

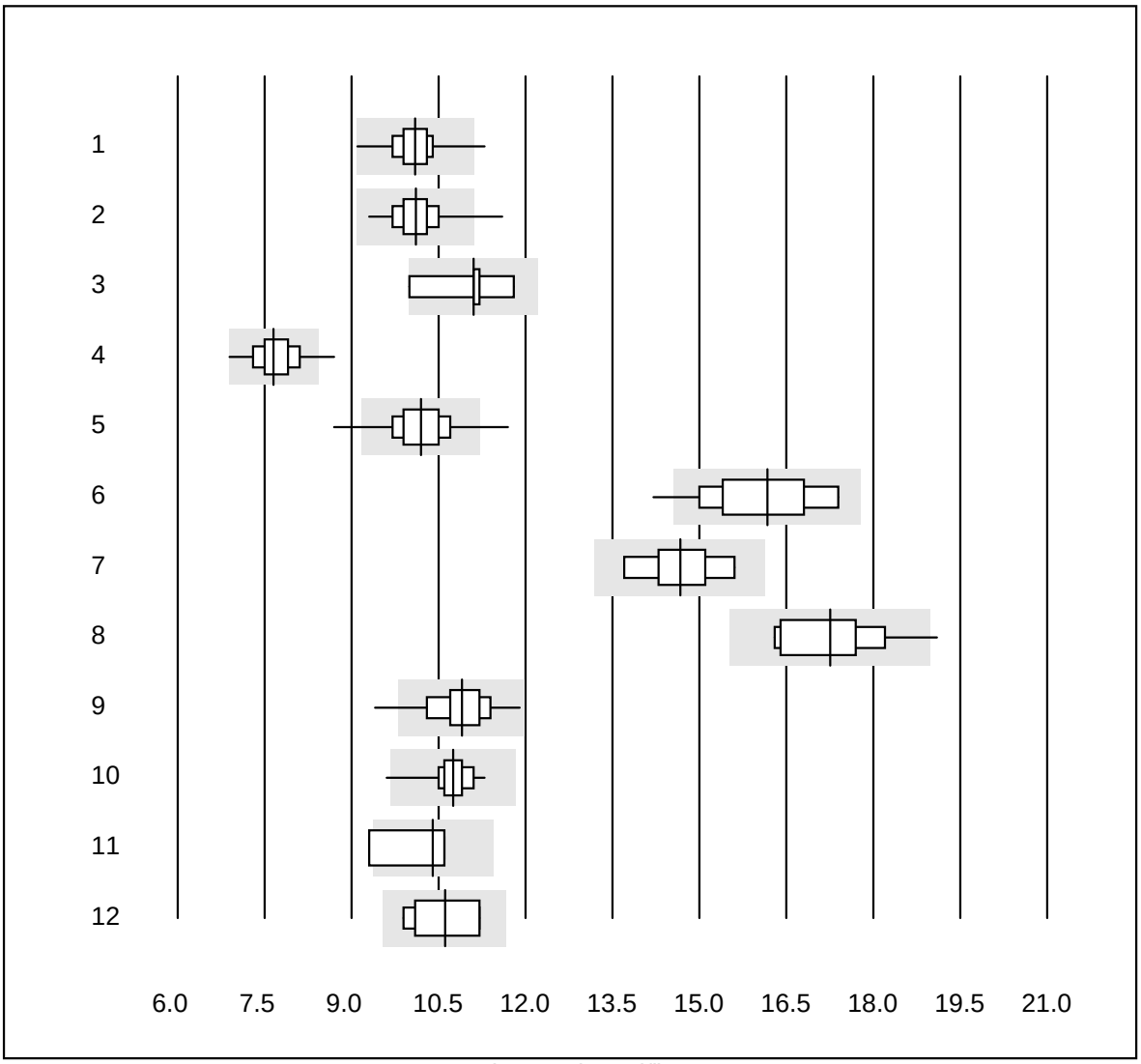
Glucose



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	25	92.0	4.0	4.0	9.5	4.9	e
2	Cobas	18	100.0	0.0	0.0	9.8	2.9	e
3	Reflotron	941	93.7	3.6	2.7	9.5	4.8	e
4	Fuji Dri-Chem	656	99.2	0.6	0.2	9.0	2.1	e
5	Spotchem/Ready	141	92.2	3.5	4.3	9.8	4.4	e
6	Spotchem D-Concept	125	99.2	0.0	0.8	9.4	4.2	e
7	Piccolo	31	100.0	0.0	0.0	9.6	2.0	e
8	Cholestech LDX	155	84.5	10.3	5.2	9.0	5.9	e
9	Abx Mira	22	100.0	0.0	0.0	9.6	4.0	e
10	Lange	5	100.0	0.0	0.0	8.8	3.1	e*
11	Hitachi S40/M40	15	86.7	13.3	0.0	9.7	5.3	e*
12	iStat Chem8	4	100.0	0.0	0.0	9.0	1.3	e

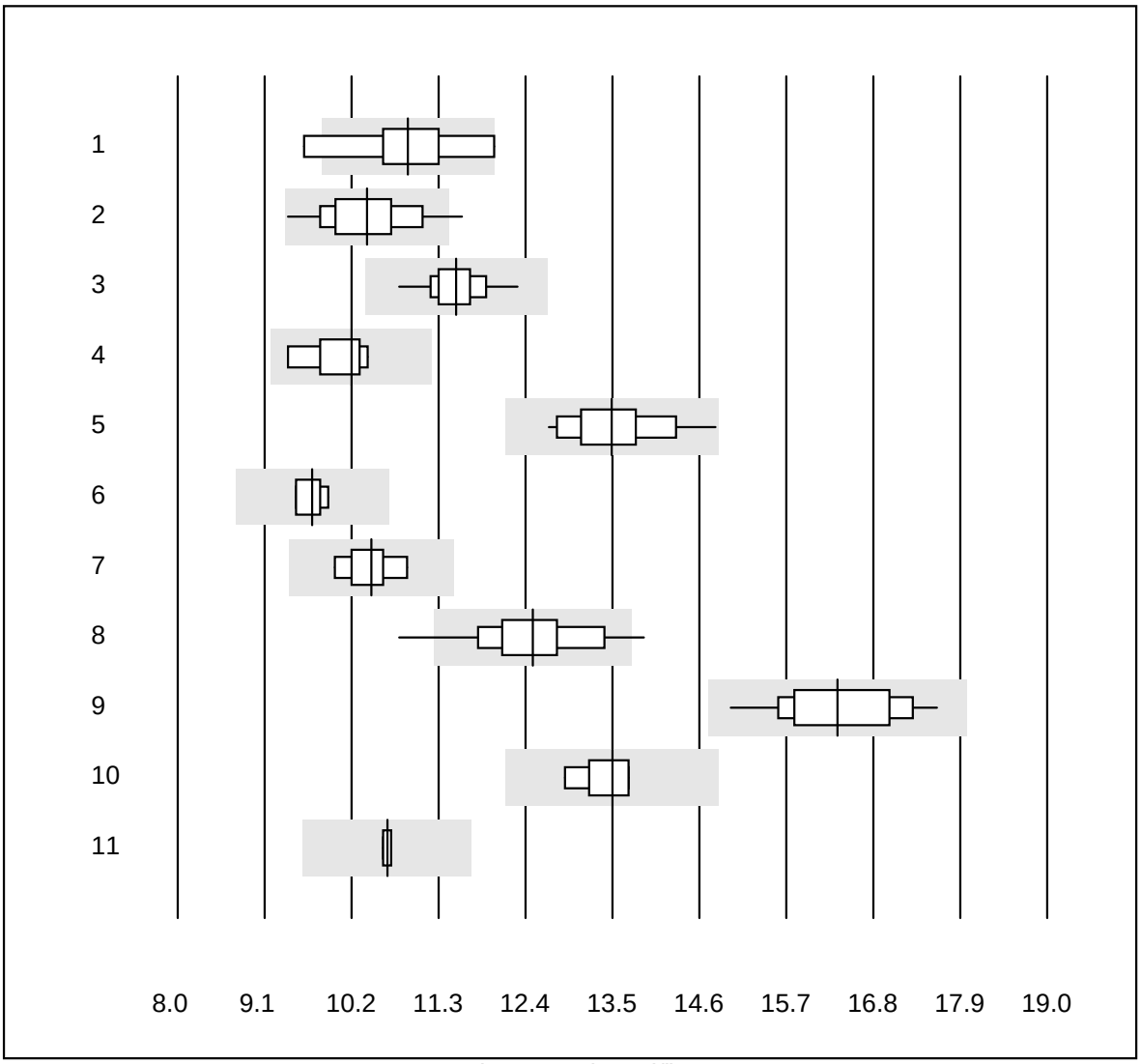
Glucose



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Accu-Chek Aviva	380	98.9	0.3	0.8	10.1	3.1	e
2	Accu-Chek Inform 2	229	97.8	1.3	0.9	10.1	3.5	e
3	Accu-Chek Mobile	5	100.0	0.0	0.0	11.1	5.9	e*
4	Bayer Contour 2 (5s)	66	92.5	3.0	4.5	7.7	4.4	e
5	Bayer Contour XT/NEX	1103	95.6	3.0	1.4	10.2	4.3	e
6	Bayer Breeze 2	19	94.7	5.3	0.0	16.2	5.5	e*
7	Glucocard	10	90.0	0.0	10.0	14.7	4.3	e*
8	Omnitest	11	90.9	9.1	0.0	17.3	5.1	e*
9	Hemocue 201+ P-equiv	79	97.4	1.3	1.3	10.9	4.0	e
10	Hemocue 201RT P-equi	33	90.9	3.0	6.1	10.8	2.8	e
11	Freestyle precision/	4	75.0	25.0	0.0	10.4	6.0	e*
12	Freestyle Freedom li	11	100.0	0.0	0.0	10.6	5.0	e*

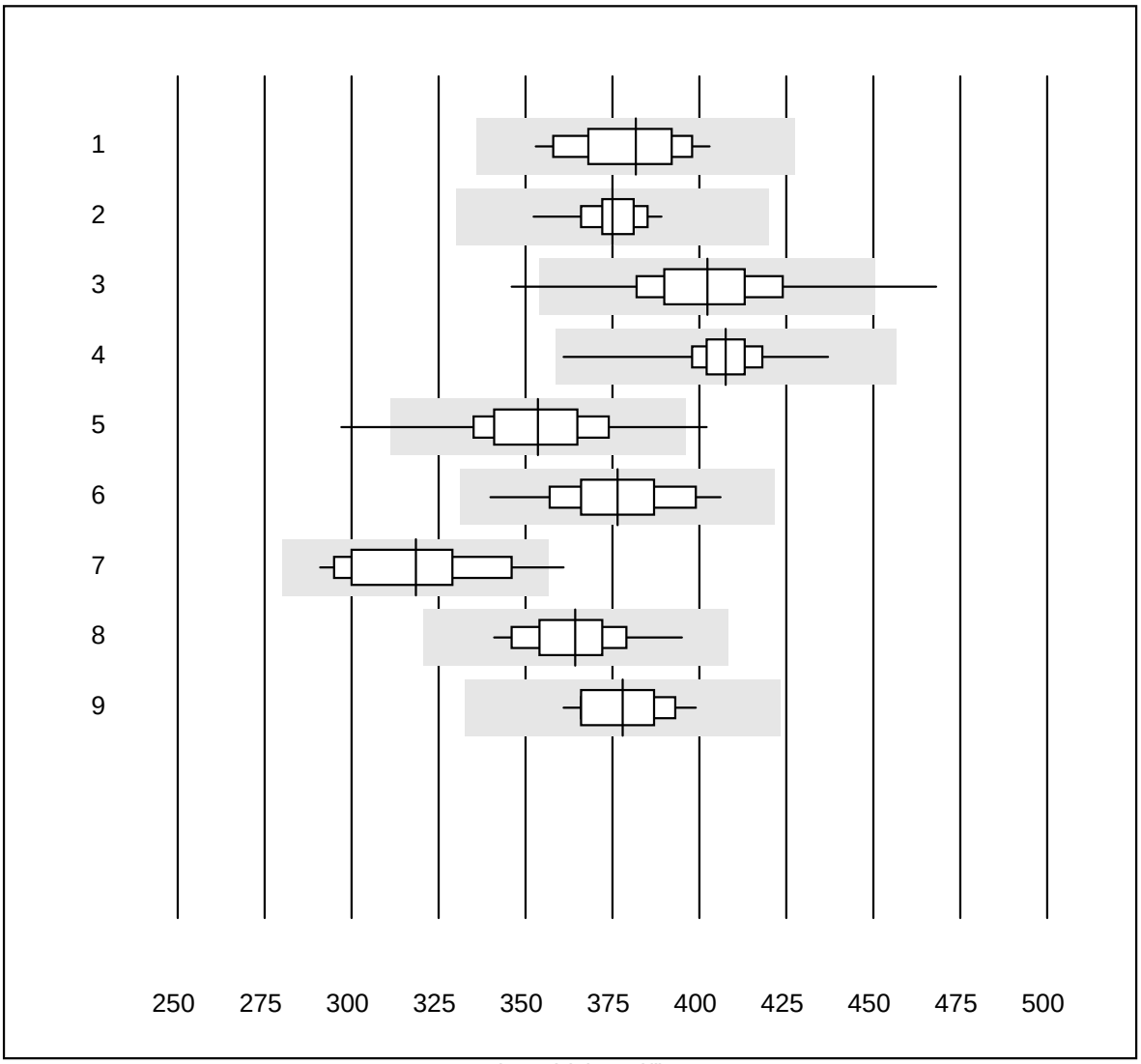
Glucose B



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Bayer Elite	10	80.0	10.0	10.0	10.9	6.2	e*
2	Hemocue 201+ (alt)	59	98.3	1.7	0.0	10.4	4.7	e
3	mylife Pura	53	100.0	0.0	0.0	11.5	2.4	e
4	AccuChek Sensor	7	100.0	0.0	0.0	10.2	3.4	e*
5	OneTouch Ultra	25	76.0	0.0	24.0	13.5	4.0	e
6	OneTouch Verio	4	100.0	0.0	0.0	9.7	1.9	e
7	AccuChek Compact	6	100.0	0.0	0.0	10.5	3.0	e*
8	Bayer Contour (15s)	89	88.8	5.6	5.6	12.5	5.0	e
9	Healthpro	15	100.0	0.0	0.0	16.3	4.3	e
10	Sanofi BG Star	7	100.0	0.0	0.0	13.5	2.2	e
11	Mylife UNIO	4	75.0	0.0	25.0	10.7	0.5	e

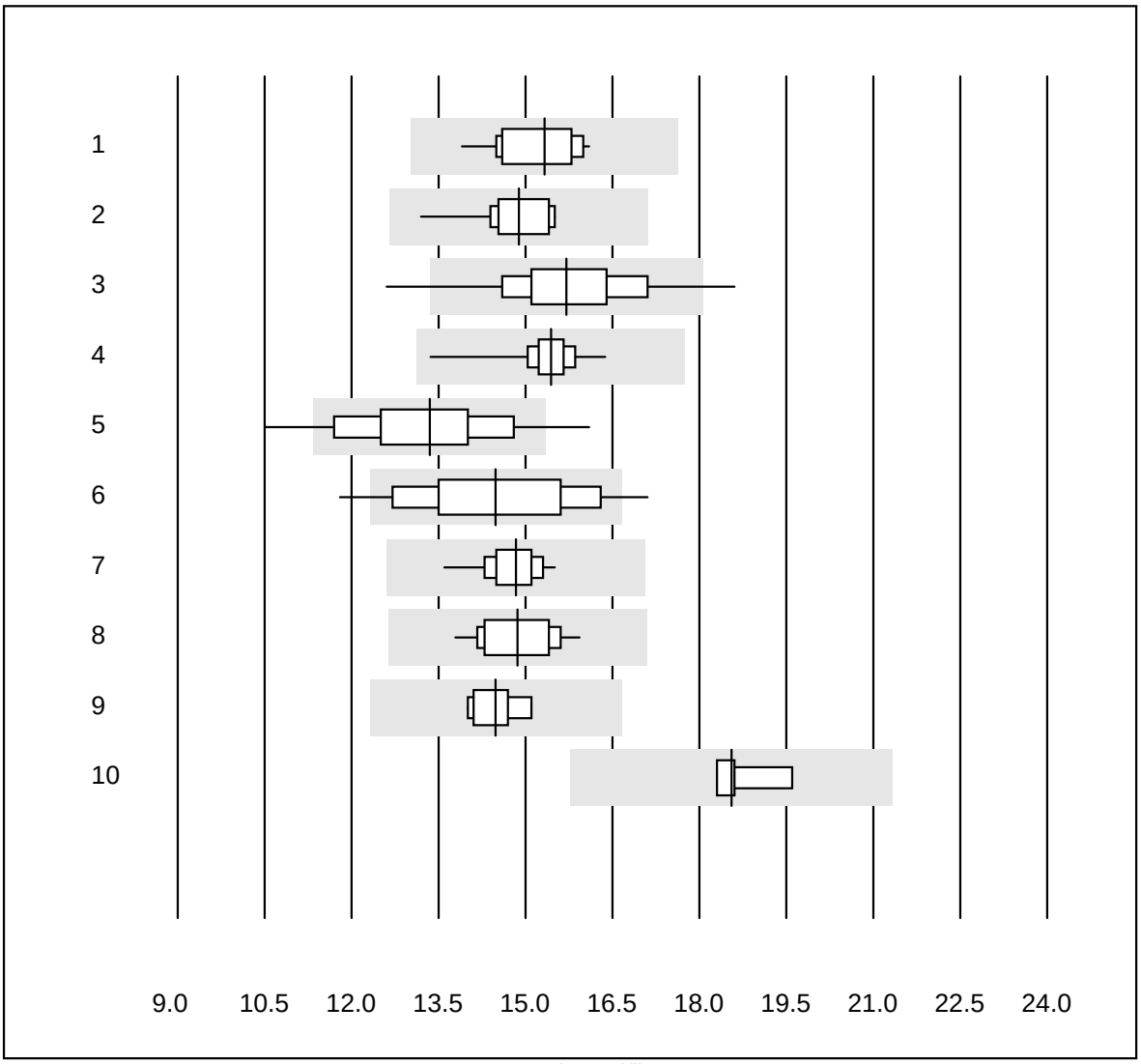
Uric Acid



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	18	94.4	0.0	5.6	382	4.1	e
2	Cobas	14	100.0	0.0	0.0	375	2.5	e
3	Reflotron	817	97.2	1.2	1.6	402	4.2	e
4	Fuji Dri-Chem	655	99.5	0.0	0.5	408	2.1	e
5	Spotchem/Ready	129	94.6	2.3	3.1	354	4.8	e
6	Spotchem D-Concept	119	100.0	0.0	0.0	376	4.0	e
7	Piccolo	23	95.7	4.3	0.0	319	6.1	e
8	Abx Mira	20	100.0	0.0	0.0	364	3.6	e
9	Hitachi S40/M40	13	92.3	0.0	7.7	378	3.2	e

Urea

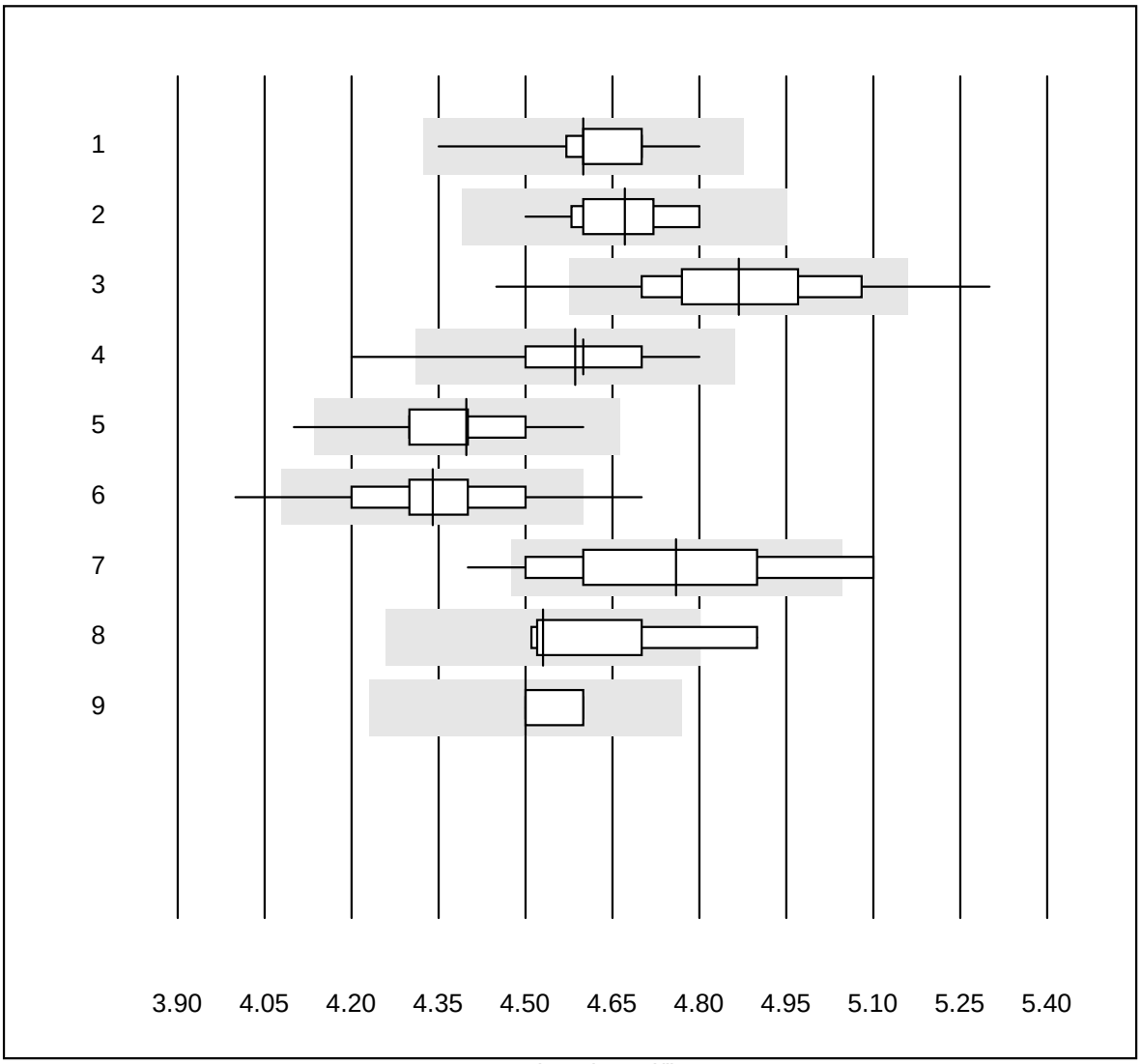


QUALAB tolerance : 15 %

Urea (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	15.3	4.2	e
2	Cobas	17	100.0	0.0	0.0	14.9	4.0	e
3	Reflotron	357	96.6	1.7	1.7	15.7	6.3	e
4	Fuji Dri-Chem	411	99.0	0.0	1.0	15.4	2.2	e
5	Spotchem/Ready	89	79.8	10.1	10.1	13.4	8.8	e
6	Spotchem D-Concept	77	80.5	10.4	9.1	14.5	9.3	e
7	Piccolo	29	100.0	0.0	0.0	14.8	2.8	e
8	Abx Mira	11	100.0	0.0	0.0	14.9	4.4	e
9	Hitachi S40/M40	9	88.9	0.0	11.1	14.5	2.7	e
10	iStat Chem8	6	83.3	0.0	16.7	18.6	2.9	e

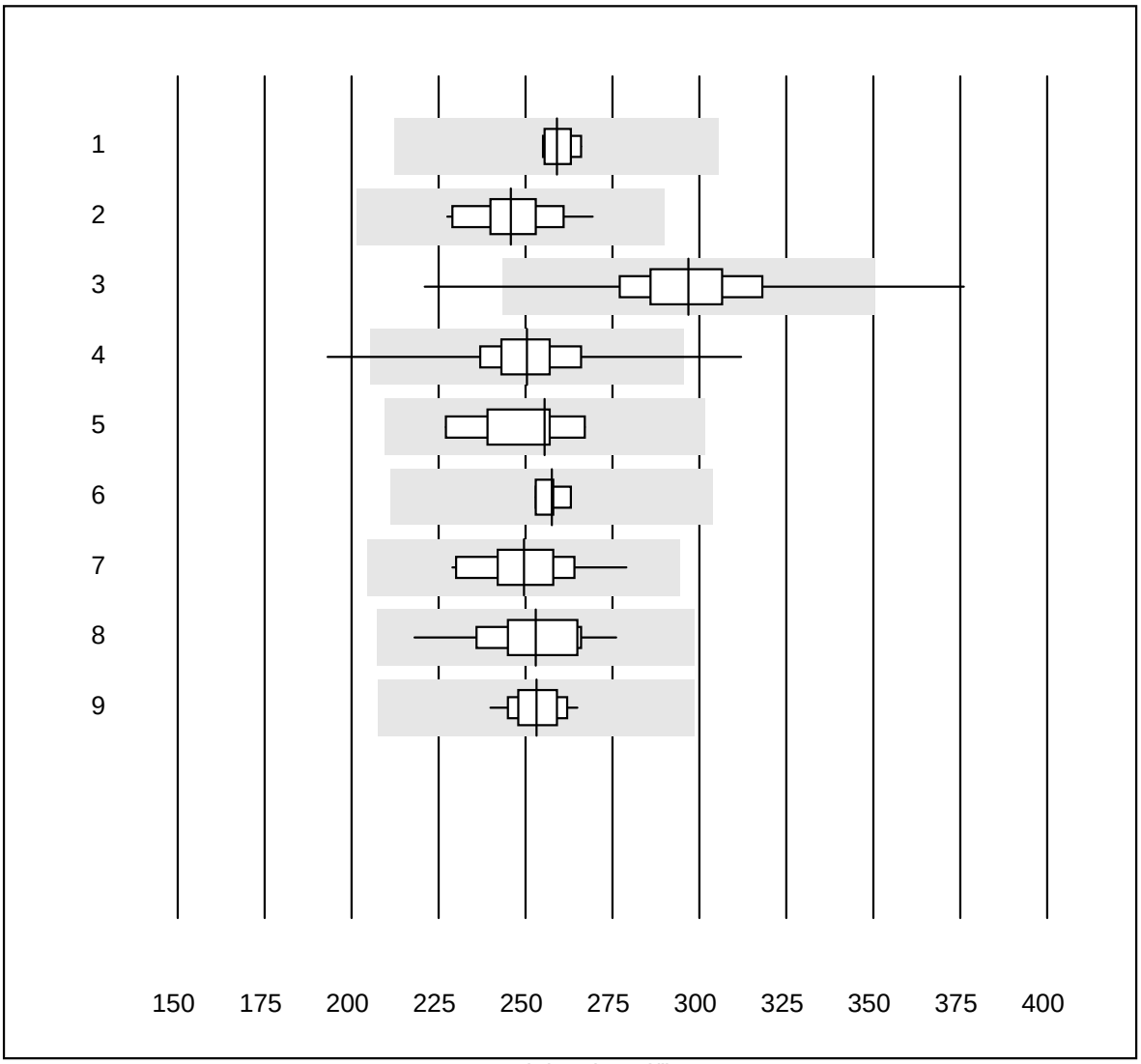
Potassium



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	26	96.2	0.0	3.8	4.60	1.8	e
2	Cobas	18	100.0	0.0	0.0	4.67	1.9	e
3	Reflotron	850	92.7	5.3	2.0	4.87	3.1	e
4	Fuji Dri-Chem	689	95.2	3.2	1.6	4.59	2.2	e
5	Spotchem D-Concept	120	97.5	0.8	1.7	4.40	1.9	e
6	Spotchem EL-SE 1520	121	92.5	5.8	1.7	4.34	2.9	e
7	Piccolo	17	70.6	17.6	11.8	4.76	4.5	e*
8	Abx Mira	7	71.4	14.3	14.3	4.53	3.3	e*
9	iStat Chem8	5	100.0	0.0	0.0	4.50	1.2	e

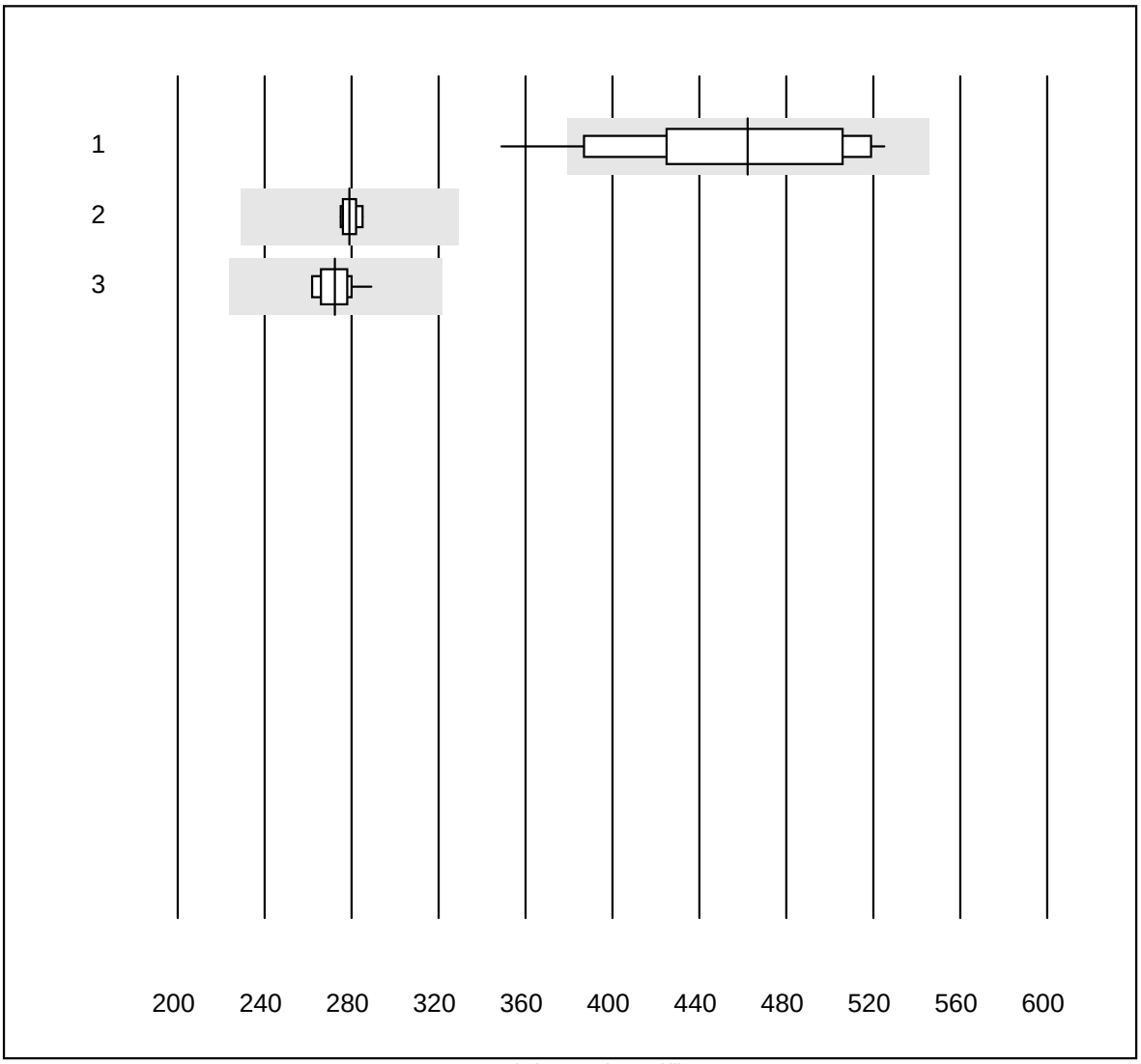
Creatinine



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	7	100.0	0.0	0.0	259	1.5	e
2	Cobas	19	100.0	0.0	0.0	246	4.5	e
3	Reflotron	1025	98.2	0.7	1.1	297	5.8	e
4	Fuji Dri-Chem	725	98.5	0.7	0.8	251	4.9	e
5	Jaffé	8	100.0	0.0	0.0	256	5.0	e
6	Enzymatic	4	100.0	0.0	0.0	258	1.6	e
7	Piccolo	29	100.0	0.0	0.0	250	5.0	e
8	Abx Mira	22	100.0	0.0	0.0	253	5.9	e
9	Hitachi S40/M40	14	92.9	0.0	7.1	253	2.8	e

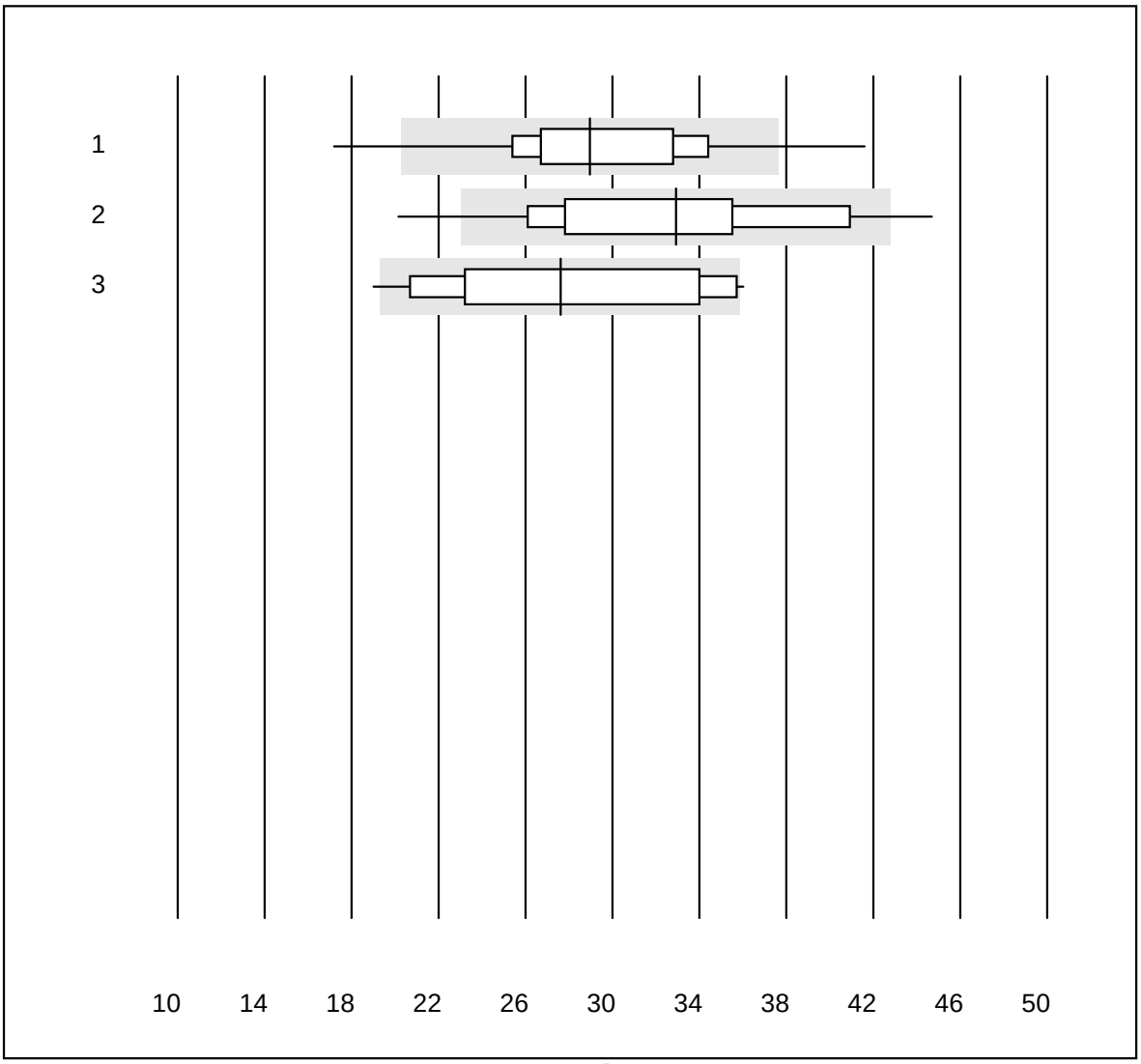
Creatinine E



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Statsensor i / Nova	26	92.3	7.7	0.0	462	11.7	e*
2	iStat Chem8	7	100.0	0.0	0.0	279	1.3	e
3	ABL700/800 Radiomete	10	100.0	0.0	0.0	272	3.2	e

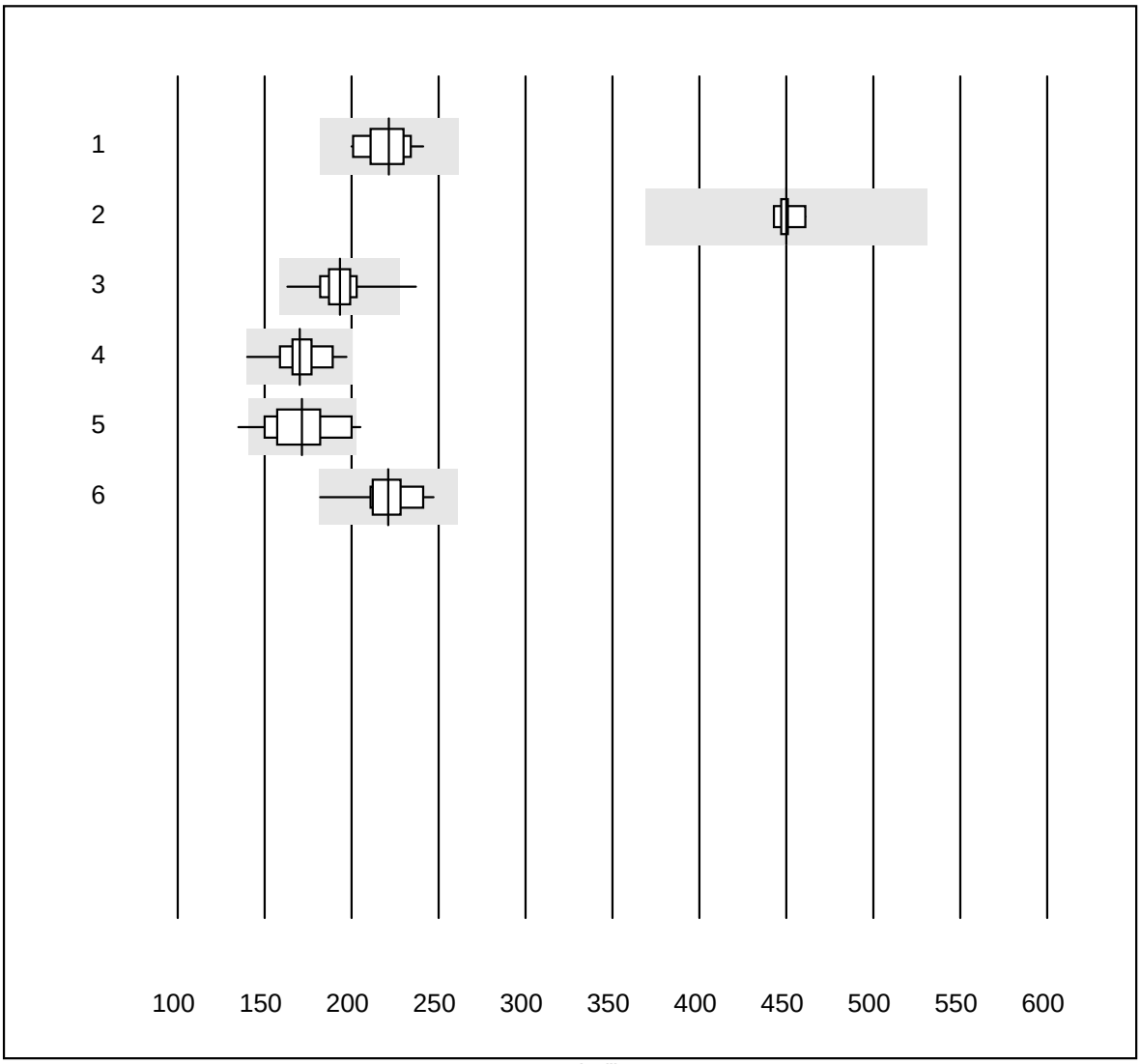
eGFR



QUALAB tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CKD-EPI	739	95.6	1.4	3.0	29	12.7	a
2	Cockcroft-Gault	46	89.2	6.5	4.3	33	16.7	a
3	MDRD	19	79.0	10.5	10.5	28	21.0	a

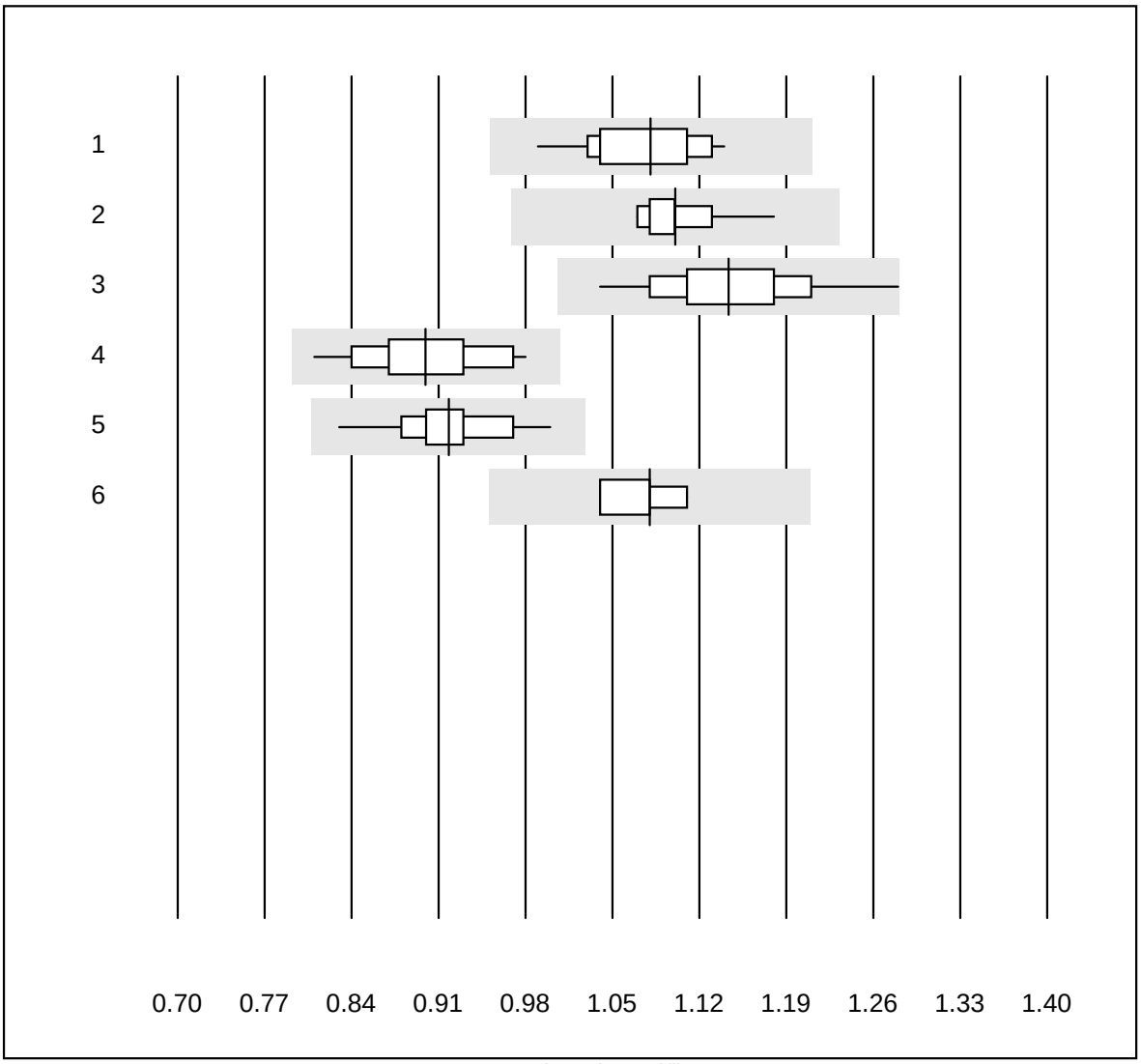
LDH



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	18	100.0	0.0	0.0	222	5.2	e
2	Cobas	9	100.0	0.0	0.0	450	1.1	e
3	Fuji Dri-Chem	143	97.2	0.7	2.1	193	5.1	e
4	Spotchem/Ready	36	91.7	0.0	8.3	170	7.0	e
5	Spotchem D-Concept	35	94.3	5.7	0.0	172	10.5	e
6	Abx Mira	12	100.0	0.0	0.0	221	7.4	e

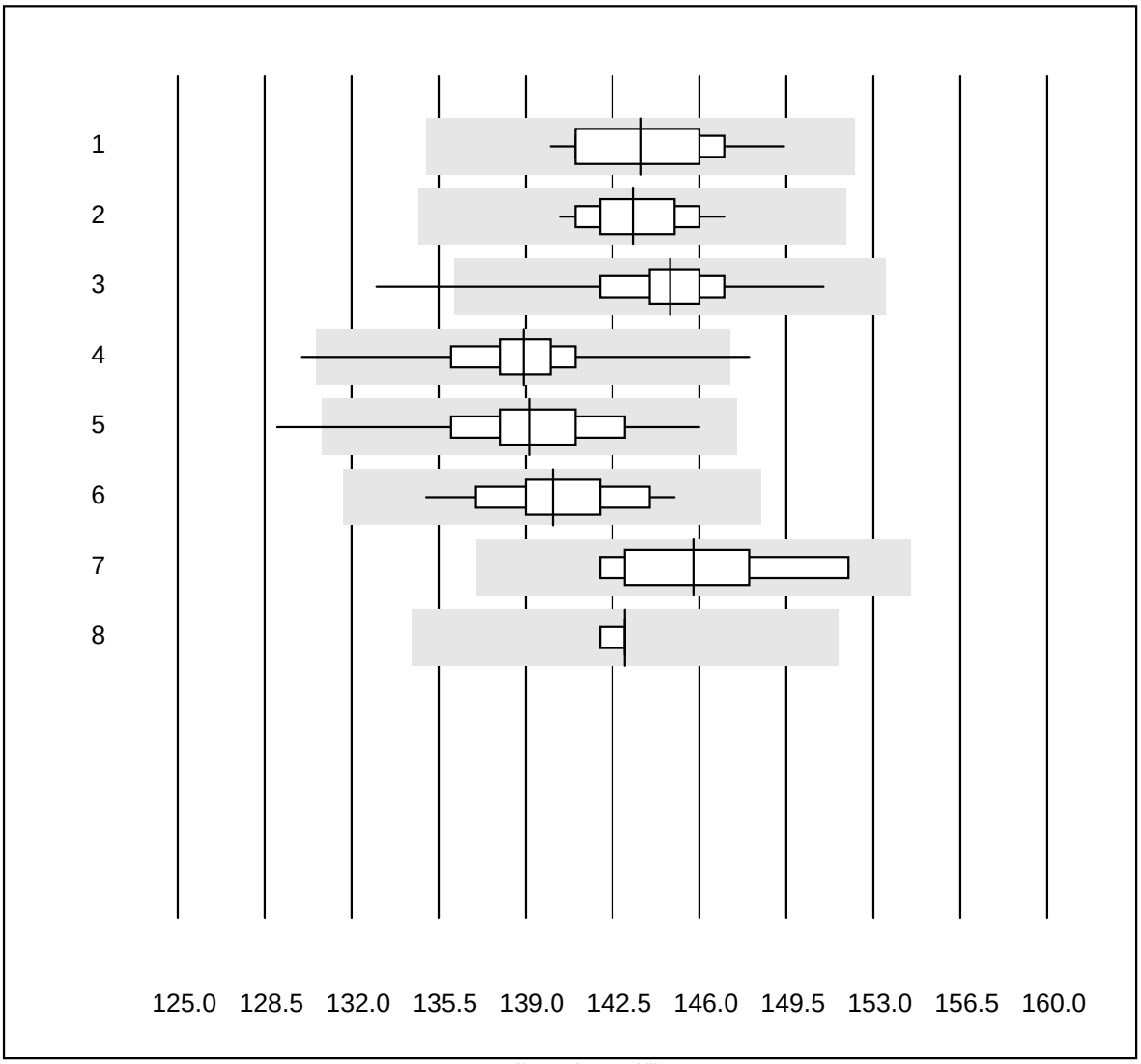
Magnesium



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	13	92.3	0.0	7.7	1.08	4.1	e
2	Cobas	12	100.0	0.0	0.0	1.10	2.8	e
3	Fuji Dri-Chem	111	98.2	0.0	1.8	1.14	4.3	e
4	Spotchem D-Concept	22	100.0	0.0	0.0	0.90	5.5	e
5	Spotchem/Ready	16	100.0	0.0	0.0	0.92	4.1	e
6	Piccolo	4	100.0	0.0	0.0	1.08	2.7	e

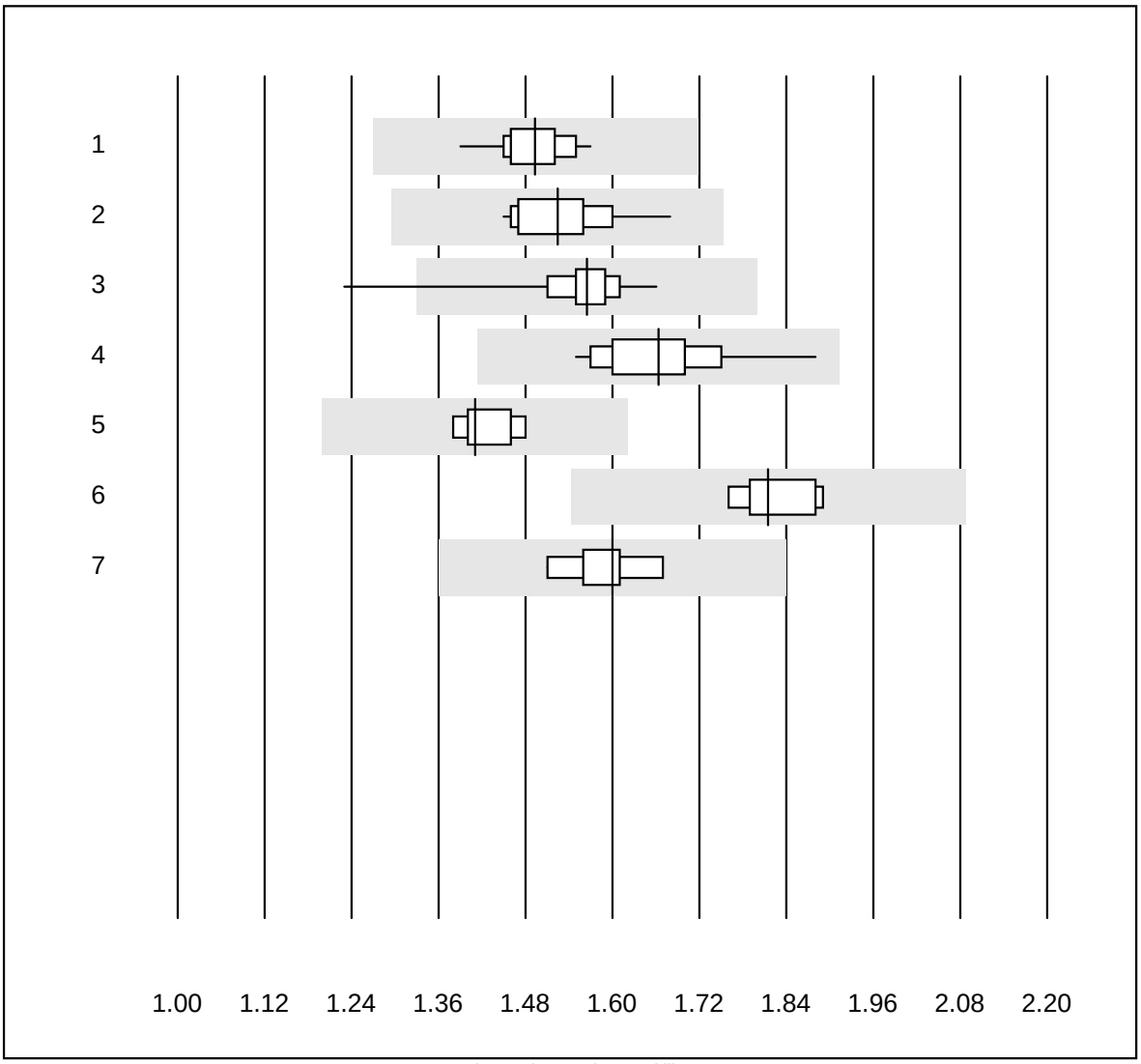
Sodium



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	25	92.0	0.0	8.0	144	1.8	e
2	Cobas	17	100.0	0.0	0.0	143	1.4	e
3	Fuji Dri-Chem	640	97.2	1.7	1.1	145	1.8	e
4	Spotchem D-Concept	116	98.3	1.7	0.0	139	1.7	e
5	Spotchem EL-SE 1520	121	97.5	0.8	1.7	139	2.1	e
6	Piccolo	18	100.0	0.0	0.0	140	1.7	e
7	Abx Mira	8	100.0	0.0	0.0	146	2.4	e*
8	iStat Chem8	5	100.0	0.0	0.0	143	0.3	e

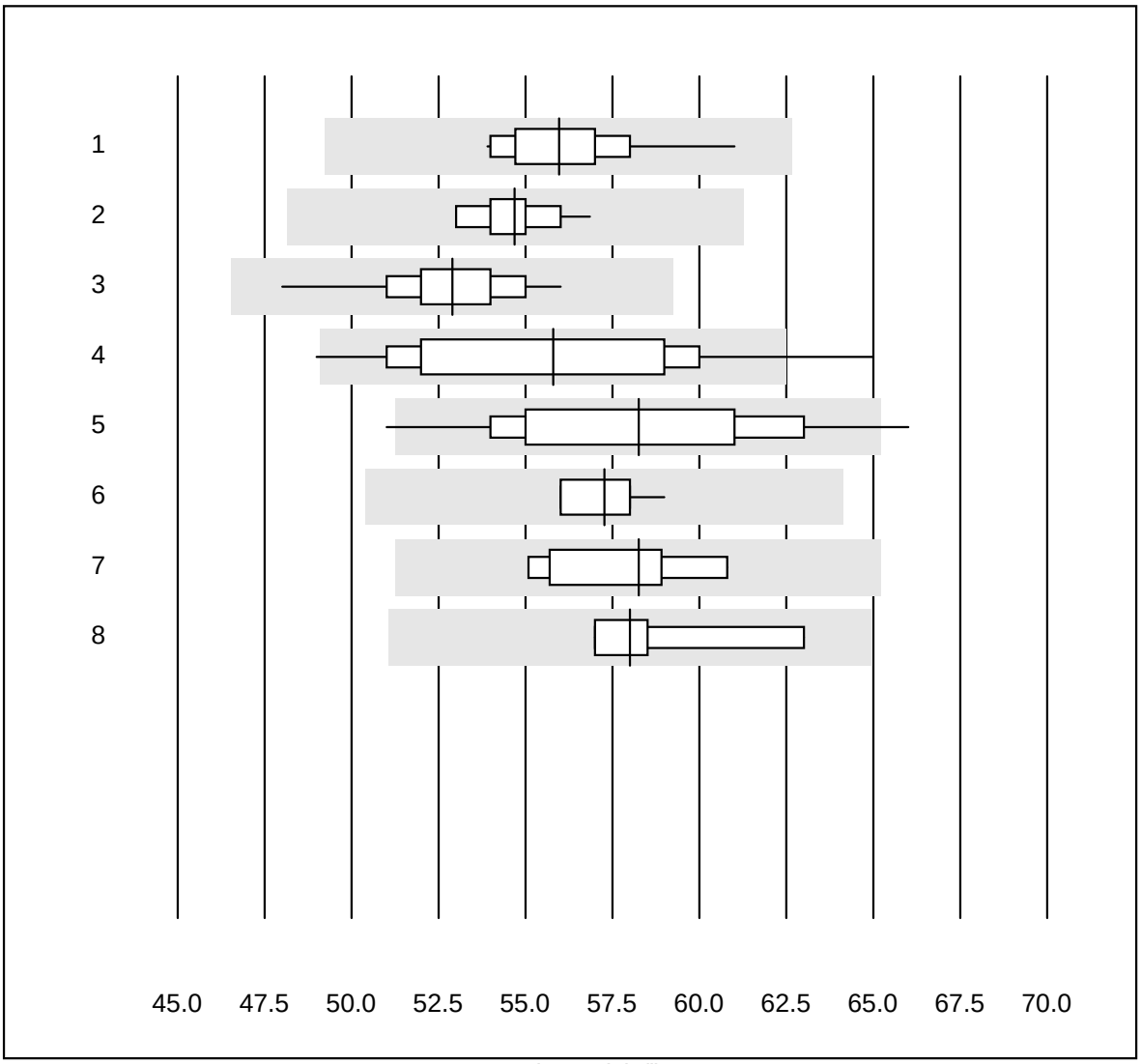
Phosphate



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	11	100.0	0.0	0.0	1.5	3.3	e
2	Cobas	12	100.0	0.0	0.0	1.5	4.3	e
3	Fuji Dri-Chem	72	98.6	1.4	0.0	1.6	3.5	e
4	Spotchem D-Concept	15	100.0	0.0	0.0	1.7	5.1	e
5	Spotchem/Ready	6	100.0	0.0	0.0	1.4	2.8	e
6	Piccolo	7	100.0	0.0	0.0	1.8	2.7	e
7	Abx Mira	5	100.0	0.0	0.0	1.6	3.7	e

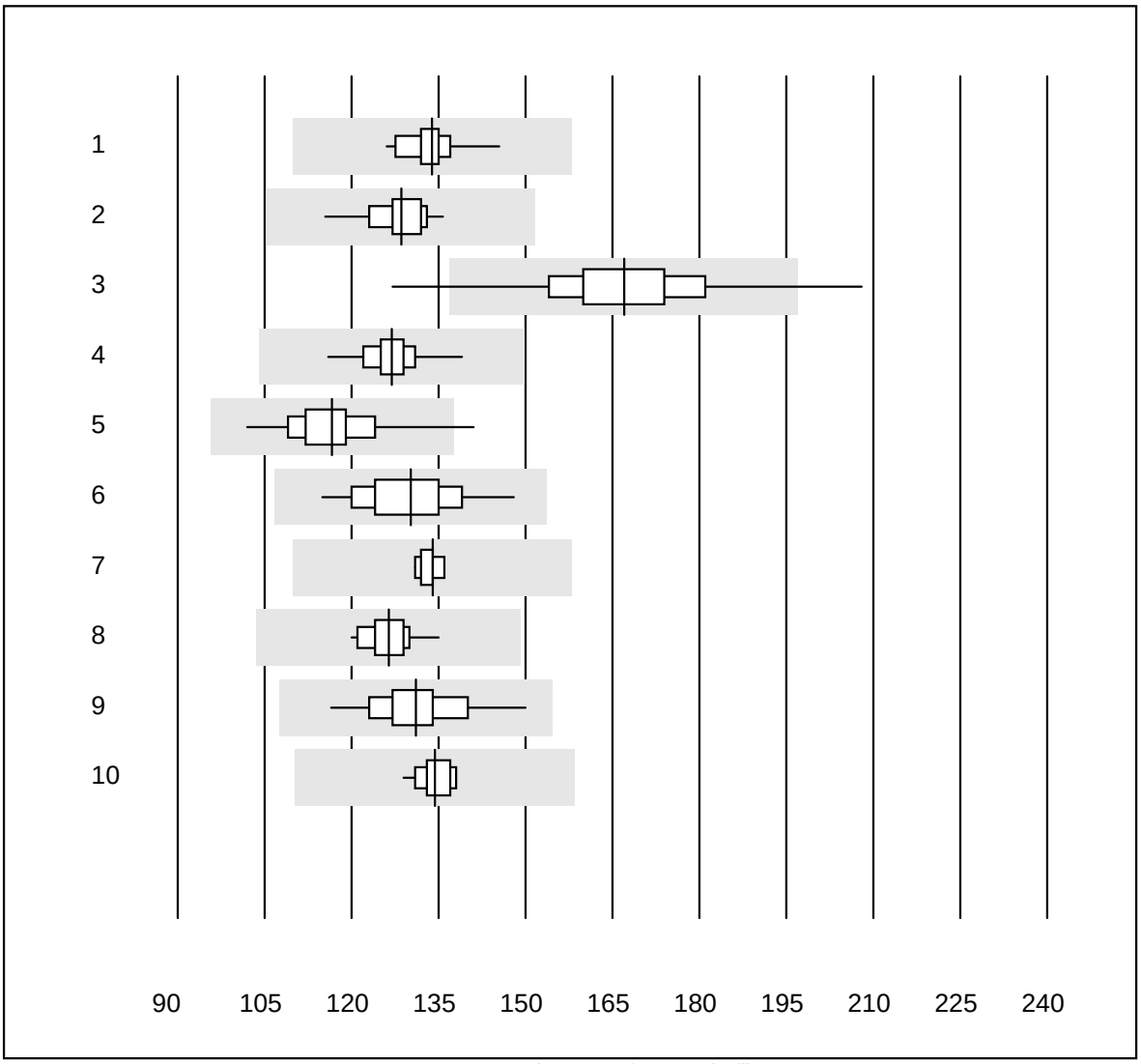
Protein total



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	15	100.0	0.0	0.0	56.0	3.3	e
2	Cobas	13	100.0	0.0	0.0	54.7	2.1	e
3	Fuji Dri-Chem	175	98.9	0.0	1.1	52.9	2.6	e
4	Spotchem/Ready	40	90.0	10.0	0.0	55.8	7.5	e
5	Spotchem D-Concept	57	82.4	8.8	8.8	58.3	6.6	e
6	Piccolo	22	100.0	0.0	0.0	57.3	1.7	e
7	Abx Mira	8	100.0	0.0	0.0	58.3	3.4	e
8	Hitachi S40/M40	5	100.0	0.0	0.0	58.0	4.2	e*

Aspartate aminotransferase

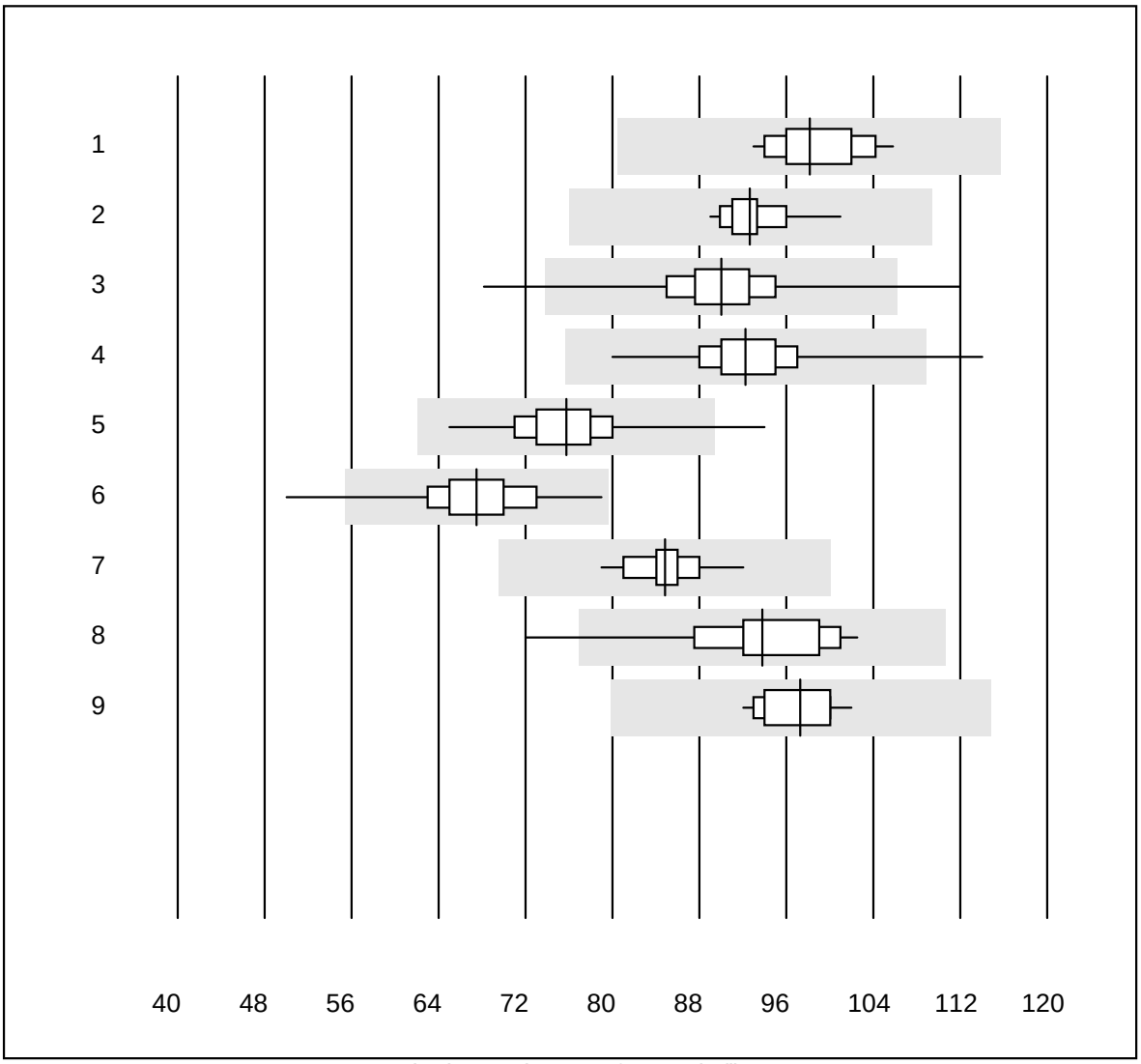


QUALAB tolerance : 18 %

Aspartate aminotransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC with Pyridox 37	14	100.0	0.0	0.0	134	3.6	e
2	Cobas	18	94.4	0.0	5.6	129	3.6	e
3	Reflotron	933	97.2	1.4	1.4	167	6.6	e
4	Fuji Dri-Chem	693	99.7	0.0	0.3	127	2.8	e
5	Spotchem/Ready	163	97.0	1.8	1.2	117	5.8	e
6	Spotchem D-Concept	128	100.0	0.0	0.0	130	5.4	e
7	IFCC with Pyridox 37	5	100.0	0.0	0.0	134	1.5	e
8	Piccolo	29	100.0	0.0	0.0	126	2.9	e
9	Abx Mira	22	100.0	0.0	0.0	131	5.7	e
10	Hitachi S40/M40	16	87.5	0.0	12.5	134	2.2	e

Alanine aminotransferase

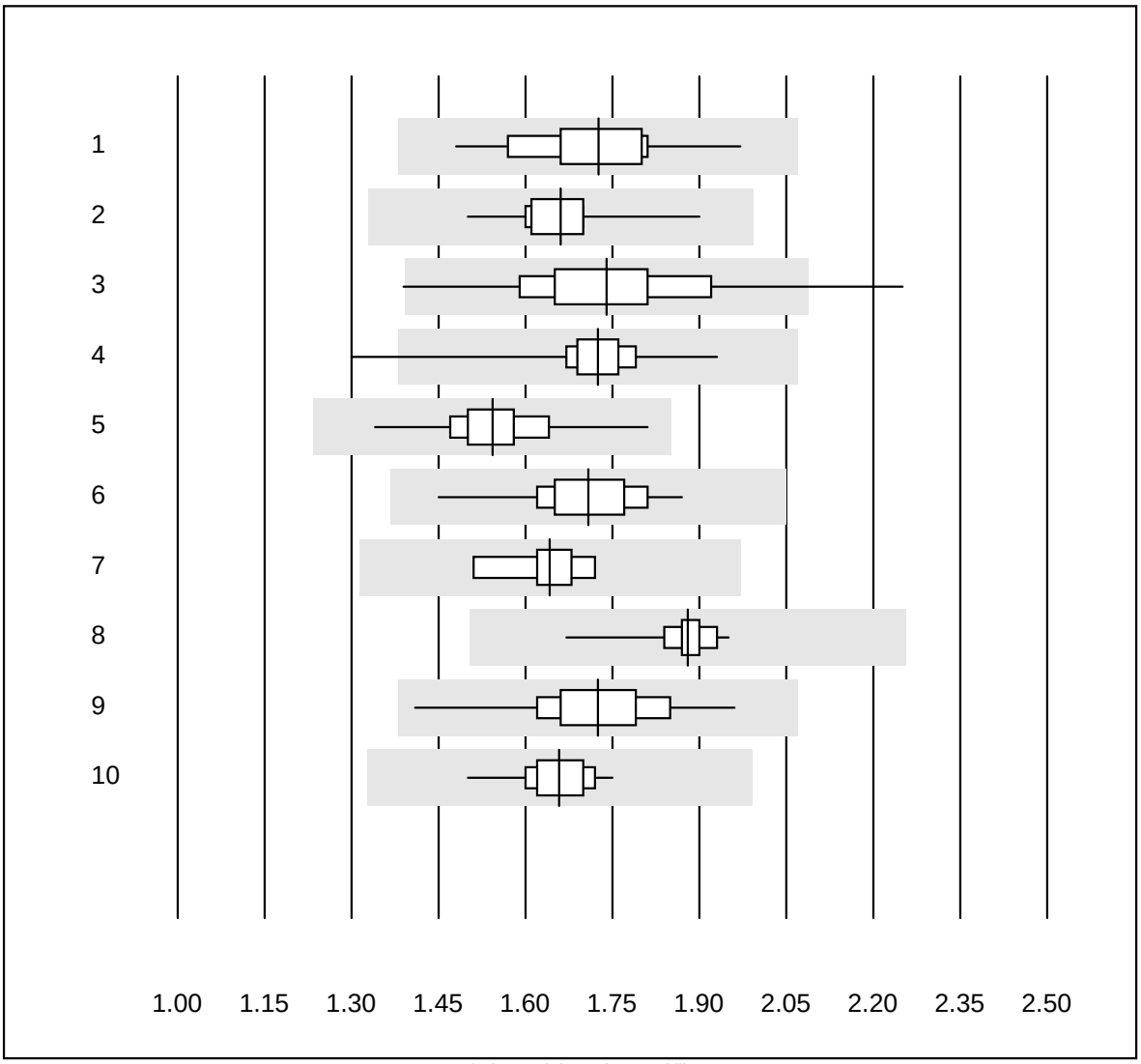


QUALAB tolerance : 18 %

Alanine aminotransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC with Pyridox 37	15	100.0	0.0	0.0	98	4.0	e
2	Cobas	19	94.7	0.0	5.3	93	3.1	e
3	Reflotron	964	98.1	1.0	0.9	90	5.0	e
4	Fuji Dri-Chem	711	98.7	0.7	0.6	92	4.1	e
5	Spotchem/Ready	165	96.4	1.2	2.4	76	5.8	e
6	Spotchem D-Concept	133	98.4	0.8	0.8	68	6.1	e
7	Piccolo	30	96.7	0.0	3.3	85	3.1	e
8	Abx Mira	22	95.5	4.5	0.0	94	7.0	e
9	Hitachi S40/M40	15	86.7	0.0	13.3	97	3.5	e

Triglycerides

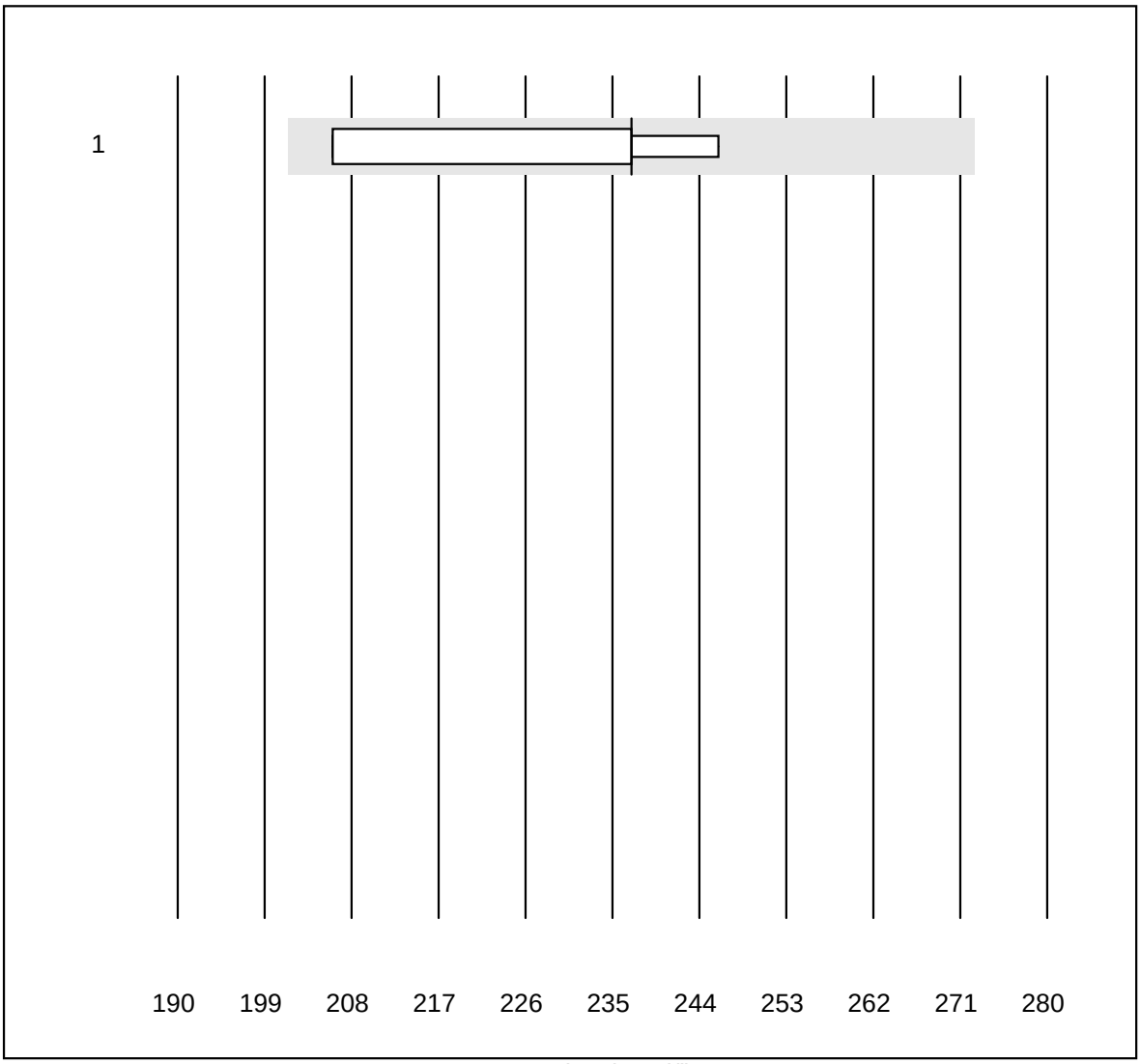


QUALAB tolerance : 20 %

Triglycerides (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	20	100.0	0.0	0.0	1.73	6.3	e
2	Cobas	18	100.0	0.0	0.0	1.66	4.8	e
3	Reflotron	725	95.6	2.5	1.9	1.74	7.9	e
4	Fuji Dri-Chem	643	99.0	0.2	0.8	1.73	3.3	e
5	Spotchem/Ready	144	99.3	0.0	0.7	1.54	4.8	e
6	Spotchem D-Concept	121	98.3	0.0	1.7	1.71	4.6	e
7	Hitachi S40/M40	11	81.8	0.0	18.2	1.64	3.7	e
8	Piccolo	20	100.0	0.0	0.0	1.88	3.0	e
9	Cholestech LDX	191	99.0	0.0	1.0	1.73	5.5	e
10	Abx Mira	20	100.0	0.0	0.0	1.66	3.6	e

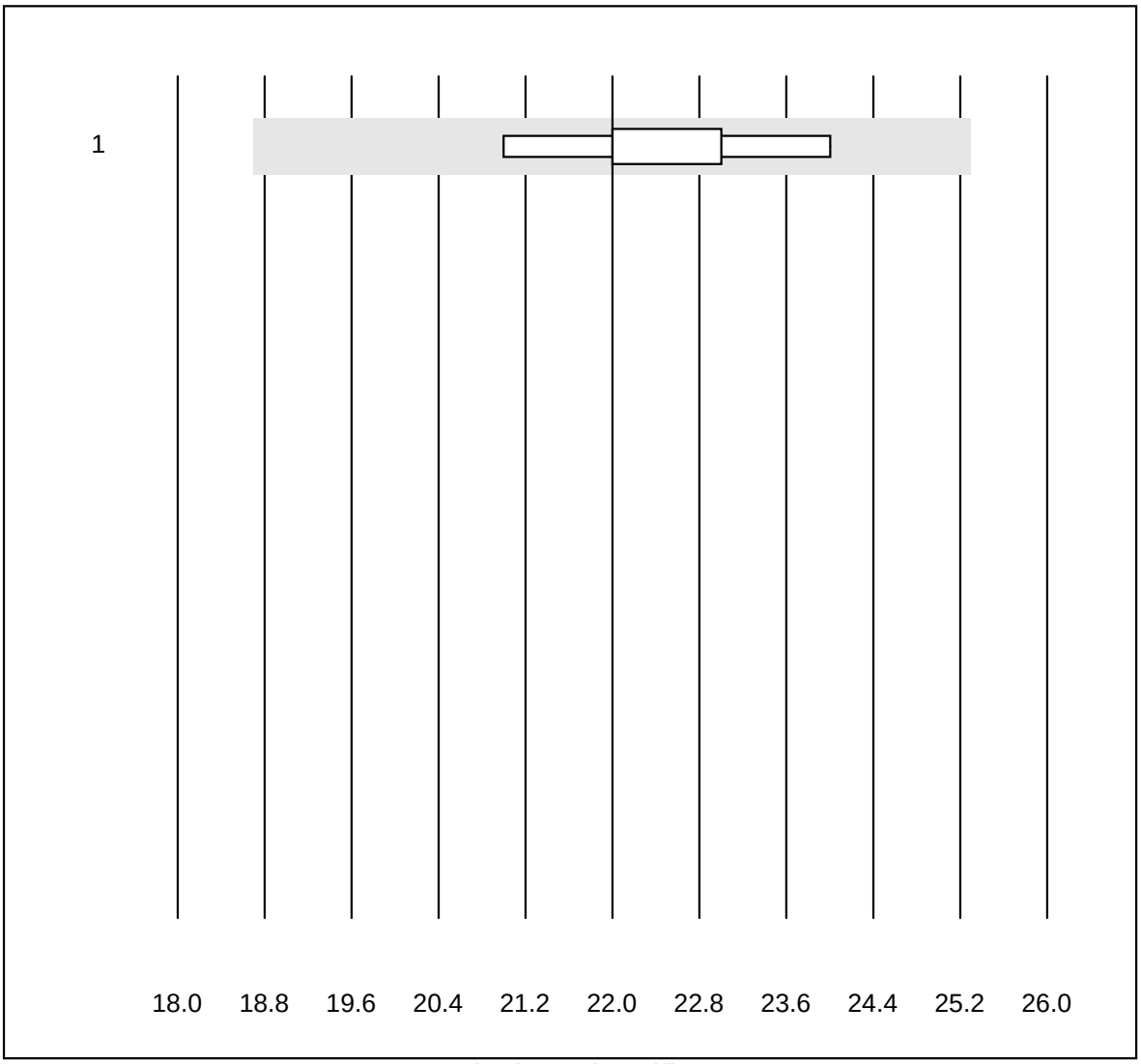
Fructosamine



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Spotchem/Ready	4	100.0	0.0	0.0	237	7.5	e*

Bicarbonat

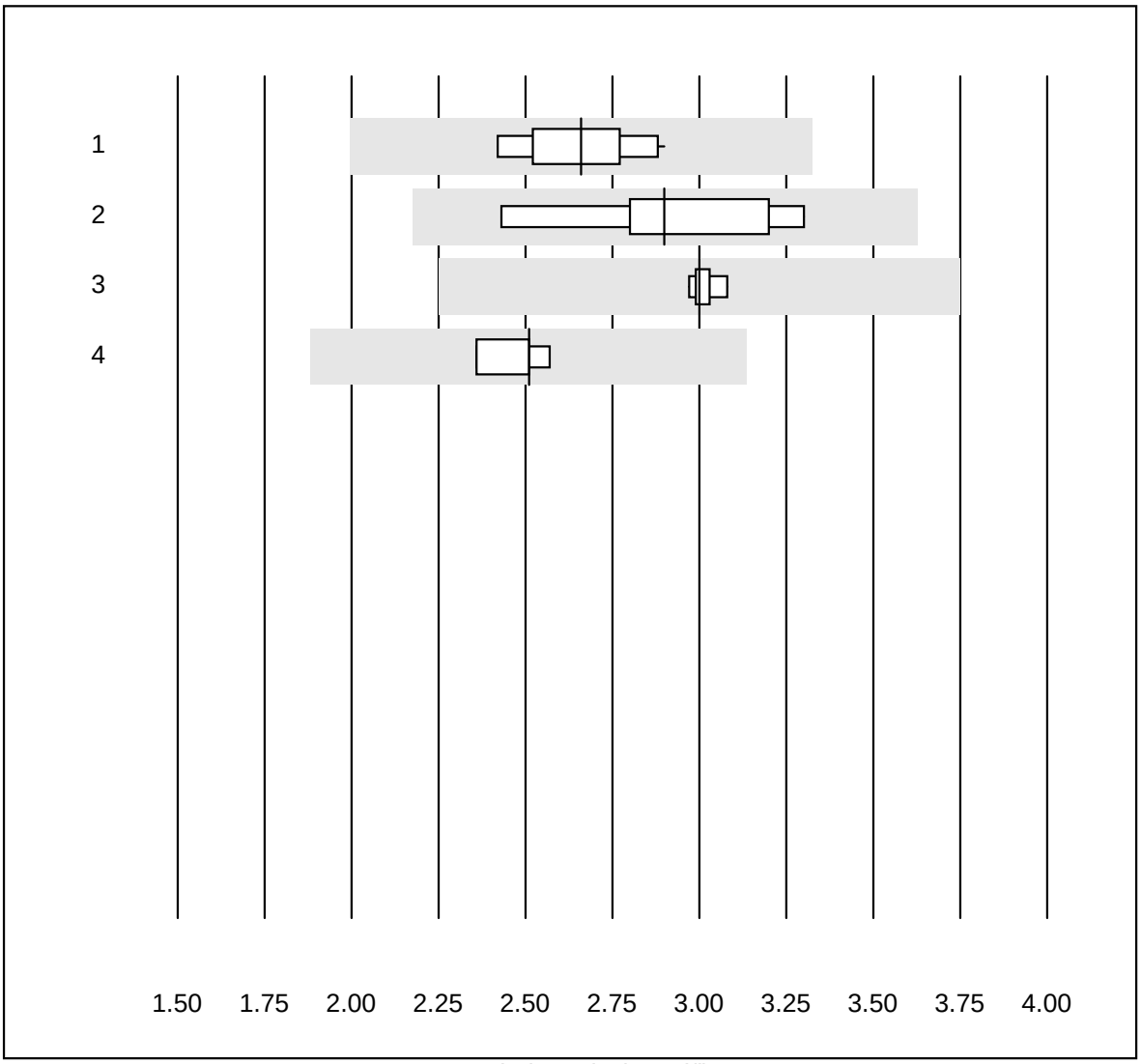


QUALAB tolerance : 15 %

Bicarbonat (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Piccolo	6	100.0	0.0	0.0	22	4.7	e*

LDL Cholesterin

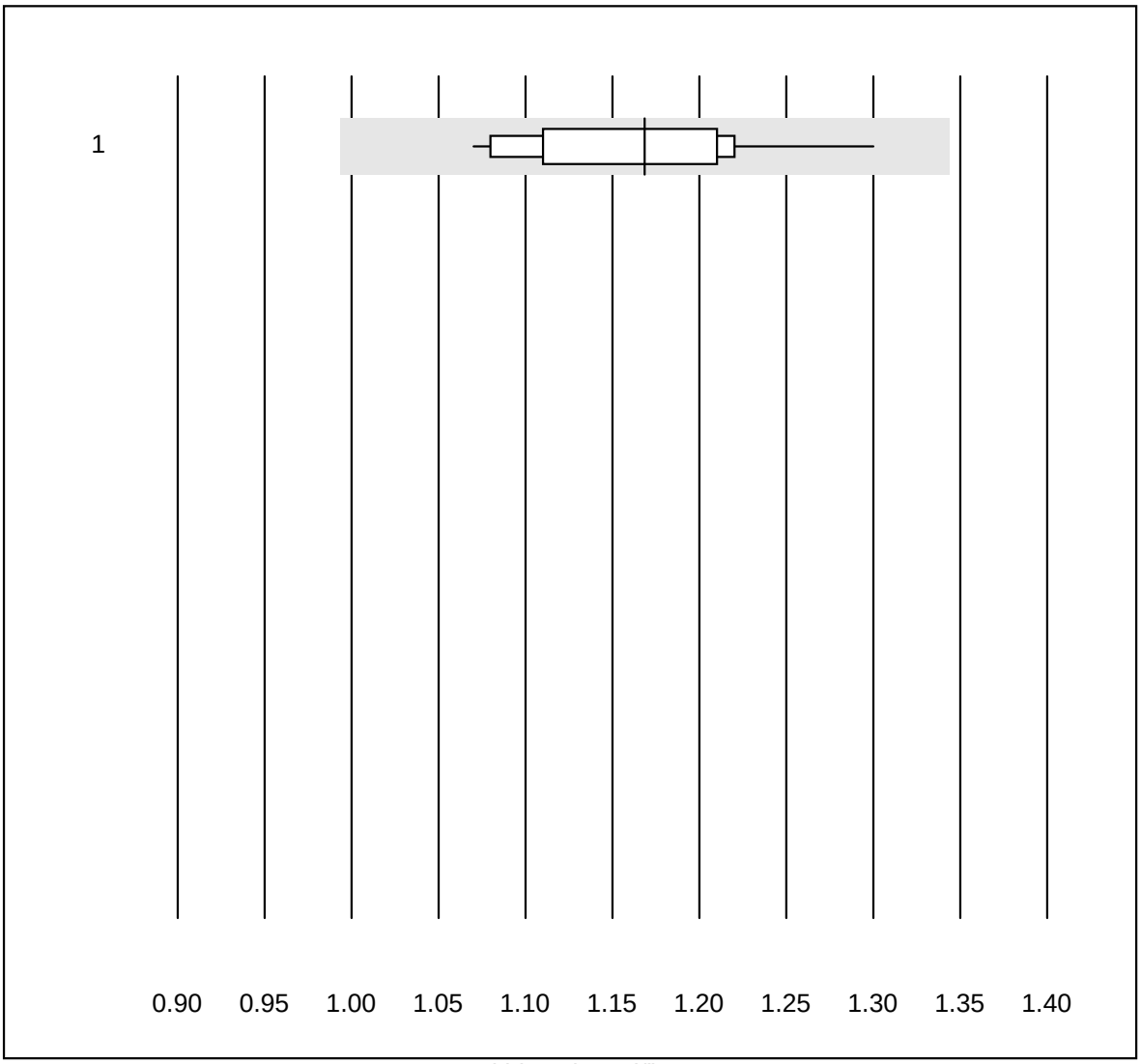


QUALAB tolerance : 25 %

LDL Cholesterin (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Mira	10	100.0	0.0	0.0	2.7	6.0	e
2	Standard chemistry	7	100.0	0.0	0.0	2.9	10.1	e*
3	Roche, Cobas	5	100.0	0.0	0.0	3.0	1.4	e
4	Hitachi S40/M40	5	80.0	0.0	20.0	2.5	3.9	e

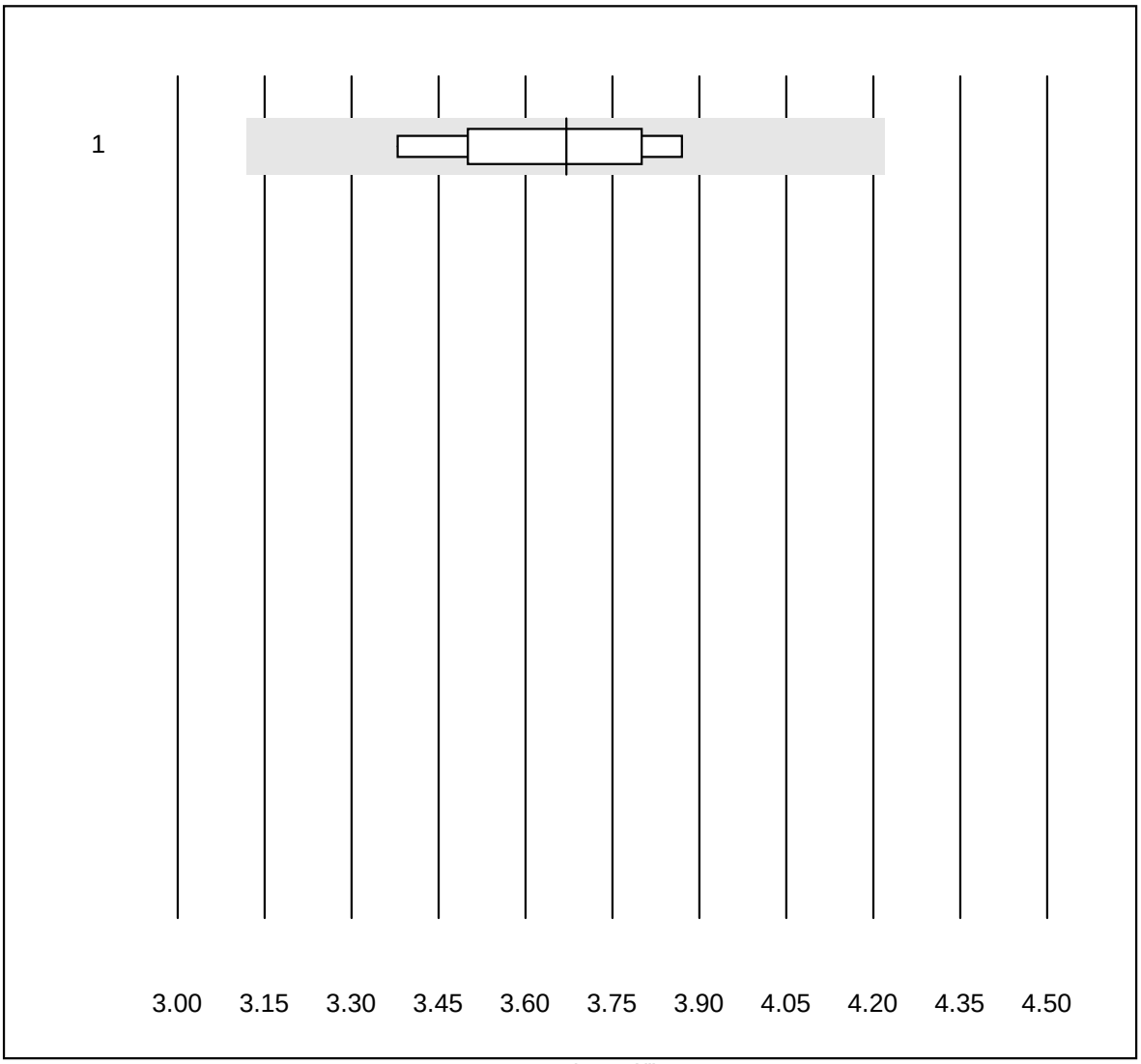
Lithium



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	14	100.0	0.0	0.0	1.17	5.3	e

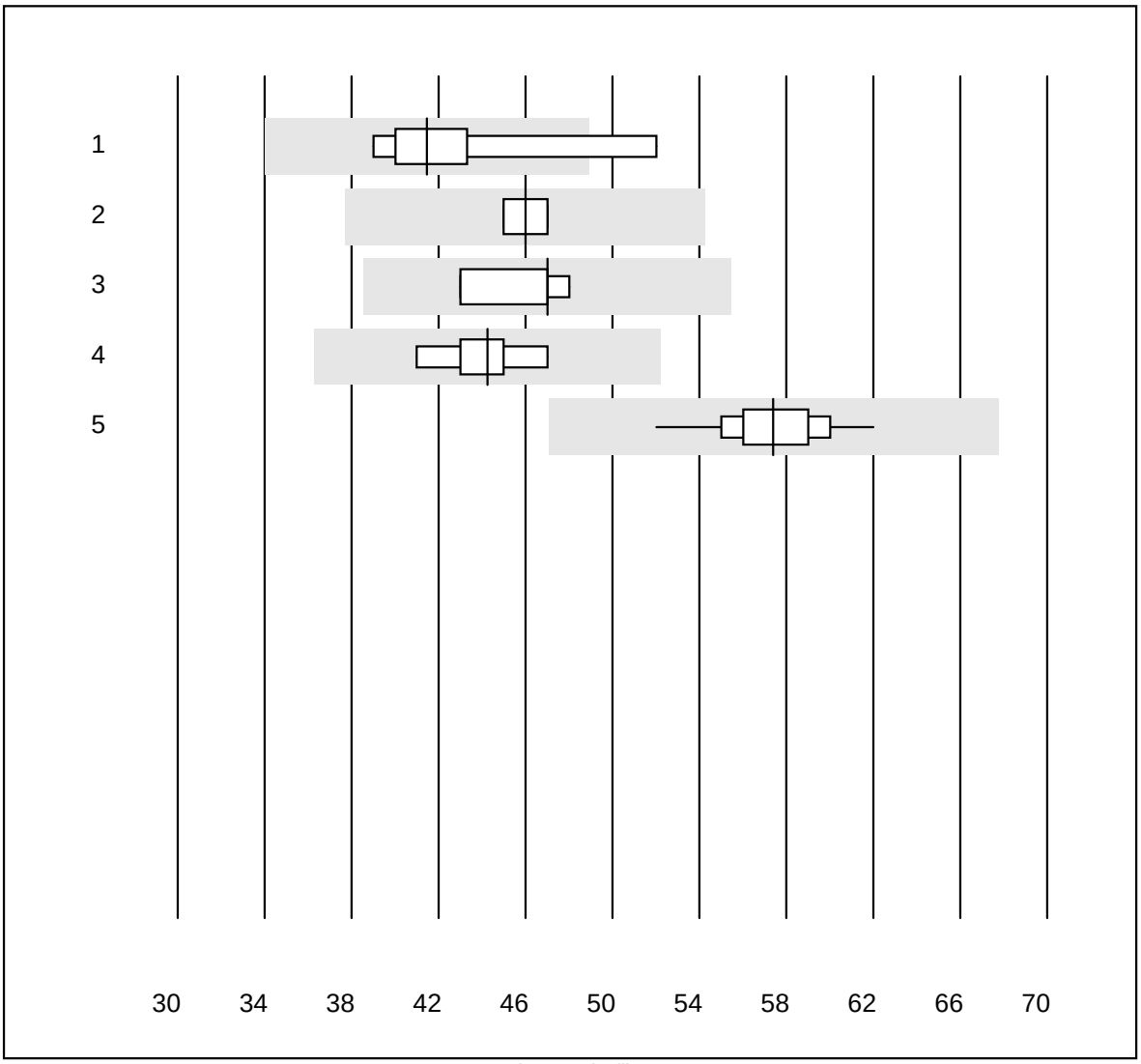
Lactate



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	7	100.0	0.0	0.0	3.67	4.6	e

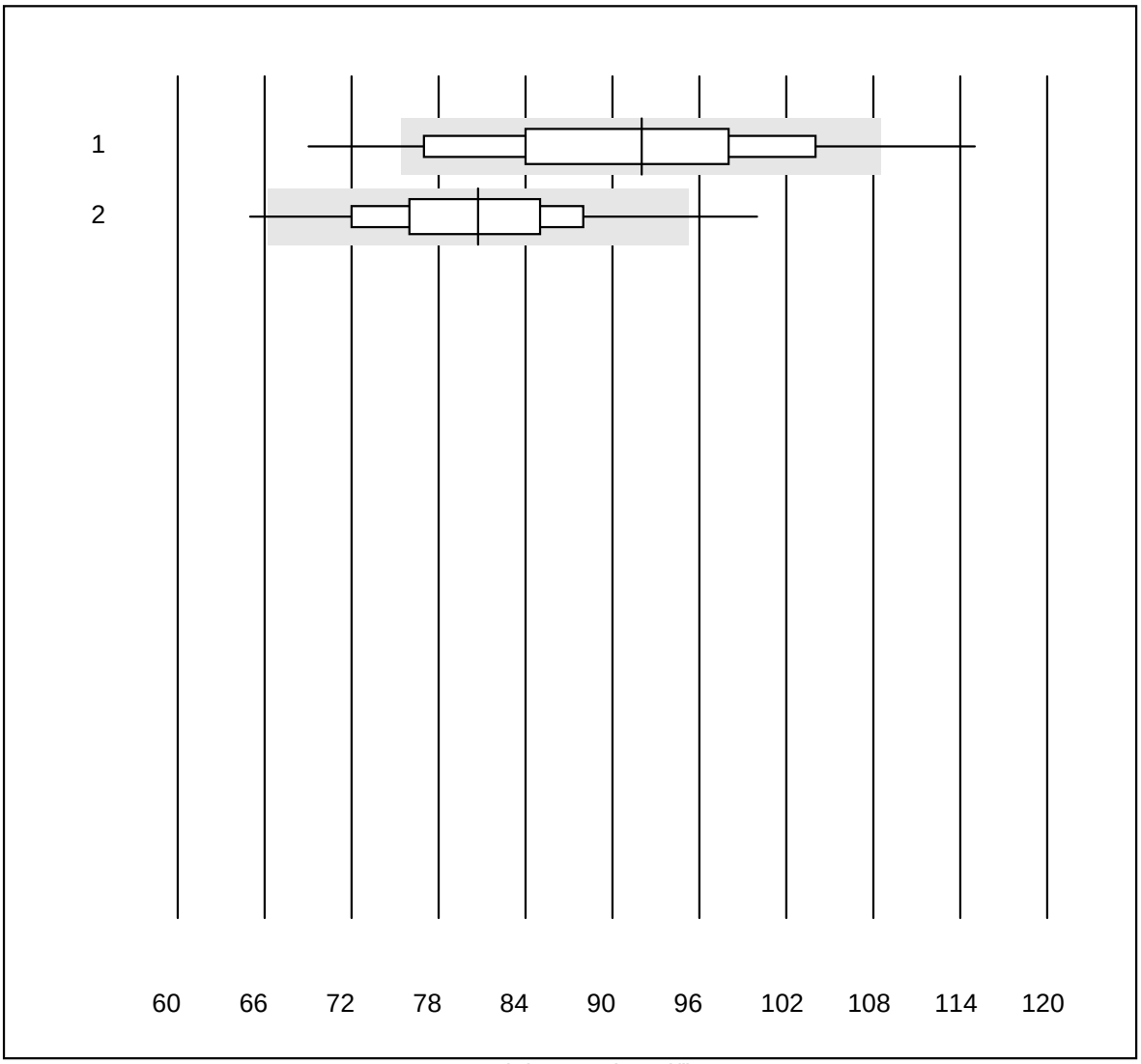
Lipase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Mira	6	83.3	16.7	0.0	41.5	11.2	e*
2	Architect	4	100.0	0.0	0.0	46.0	2.5	e
3	Beckman/Olympus	4	100.0	0.0	0.0	47.0	4.8	e*
4	Standard chemistry	8	100.0	0.0	0.0	44.3	4.8	e
5	Fuji Dri-Chem	47	95.7	0.0	4.3	57.4	3.7	e

Creatinine SP

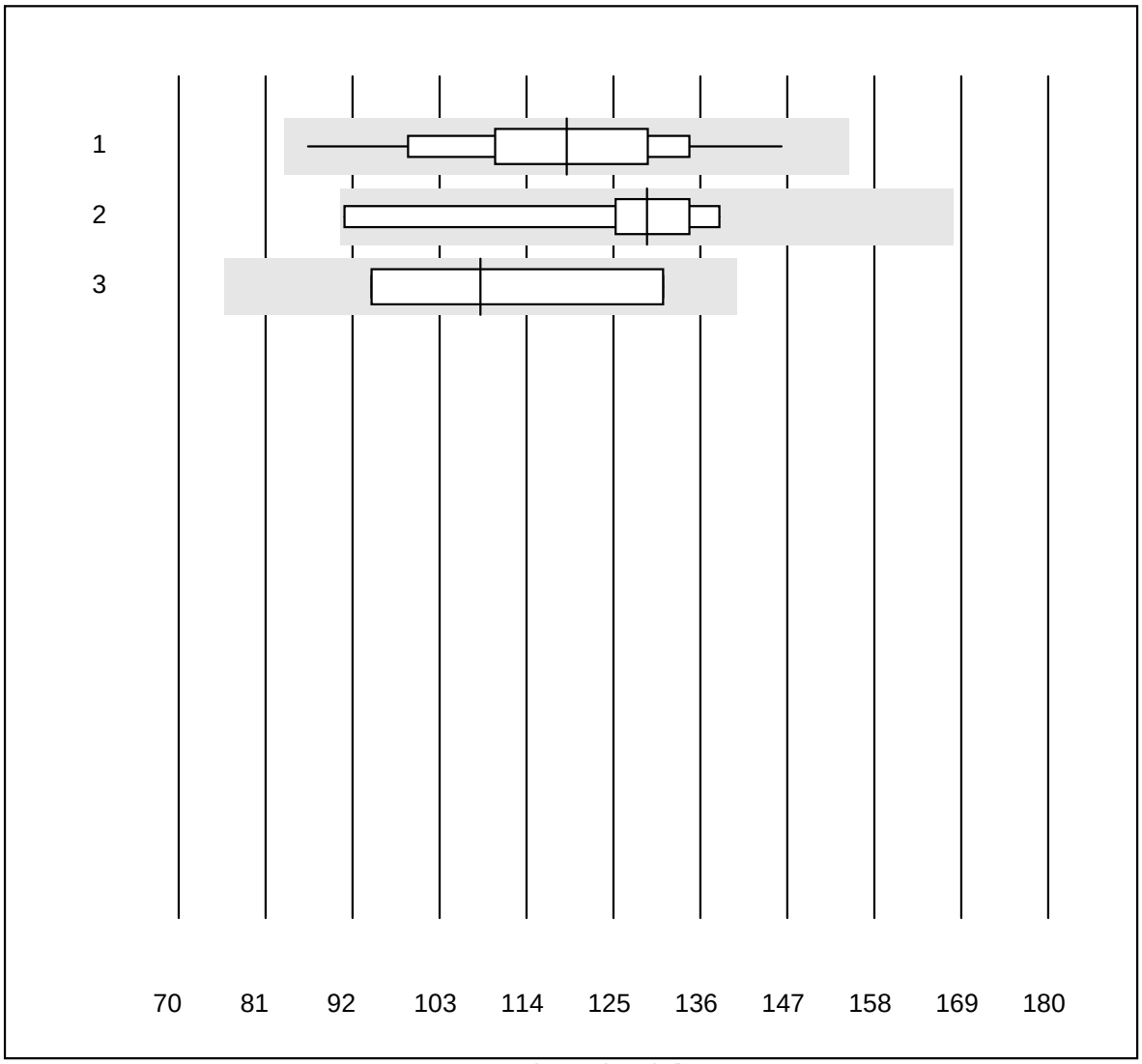


QUALAB tolerance : 18 %

Creatinine SP (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Spotchem/Ready	159	84.9	10.7	4.4	92	11.3	e
2	Spotchem D-Concept	130	93.1	4.6	2.3	81	8.3	e

eGFR (Spotchem)

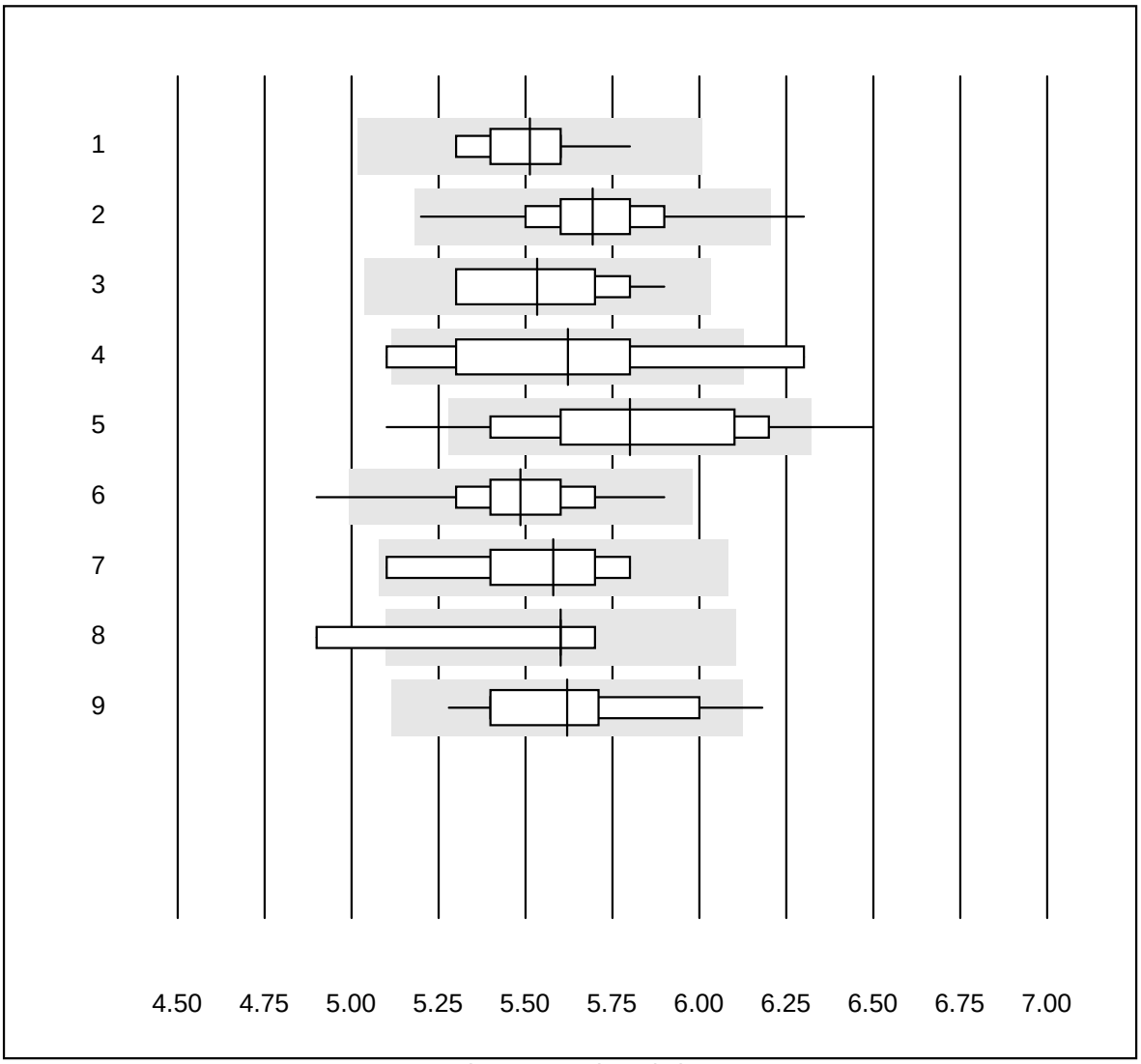


QUALAB tolerance : 30 %

eGFR (Spotchem) ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CKD-EPI	91	91.2	0.0	8.8	119	11.0	a
2	Cockcroft-Gault	6	83.3	0.0	16.7	129	15.5	a
3	MDRD	4	75.0	0.0	25.0	108	16.6	a

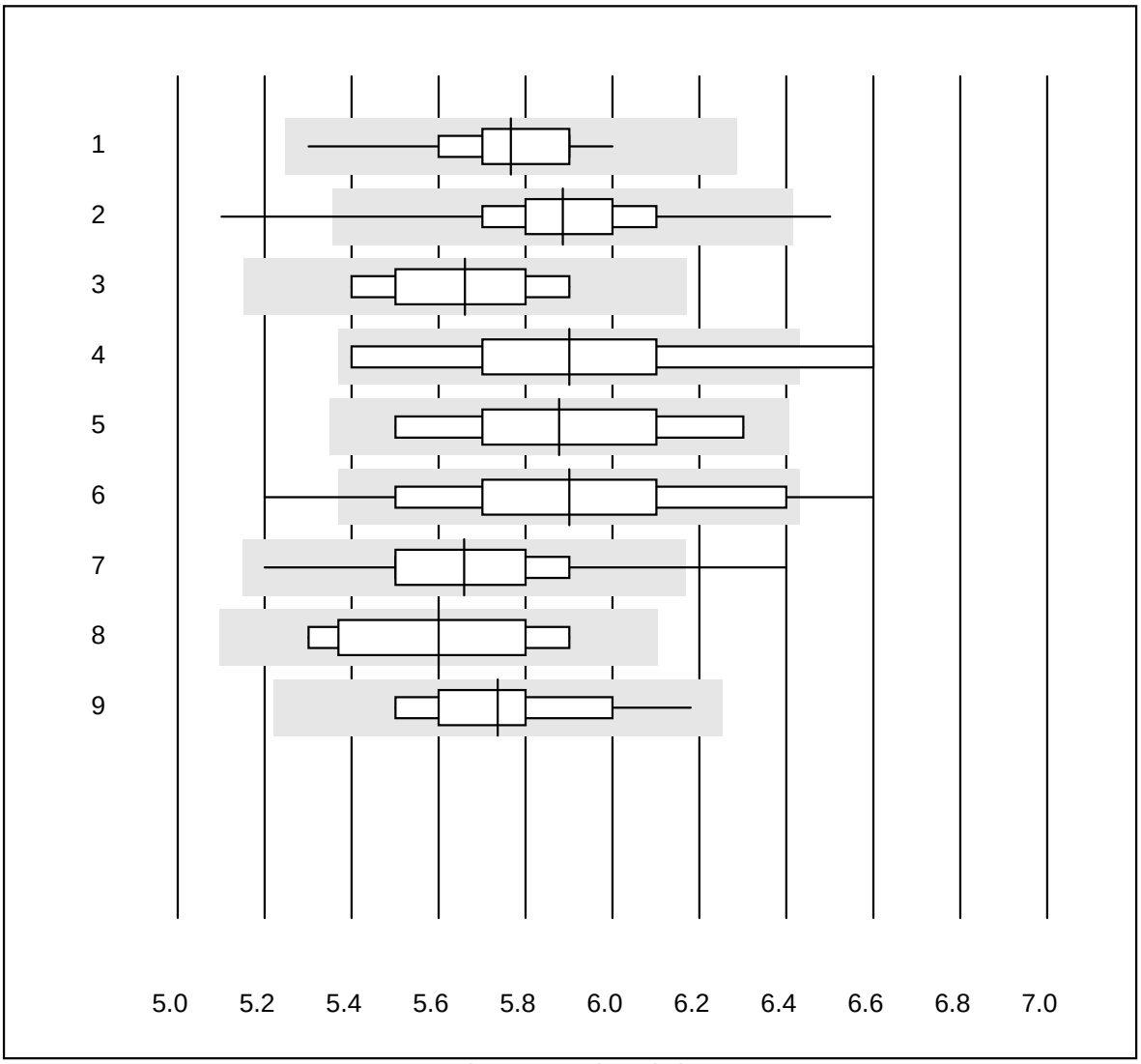
HbA1c sample A



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	25	100.0	0.0	0.0	5.5	2.4	e
2	Afinion	610	99.5	0.2	0.3	5.7	2.8	e
3	Eurolyser	12	100.0	0.0	0.0	5.5	3.8	e*
4	Hemocue HbA1c 501	10	70.0	20.0	10.0	5.6	6.9	e*
5	NycoCard	108	86.1	6.5	7.4	5.8	5.5	e
6	DCA2000/Vantage	224	99.2	0.4	0.4	5.5	2.8	e
7	Others	10	100.0	0.0	0.0	5.6	4.0	e*
8	HPLC	6	83.3	16.7	0.0	5.6	5.4	e*
9	Roche, Cobas	20	90.0	5.0	5.0	5.6	4.3	e

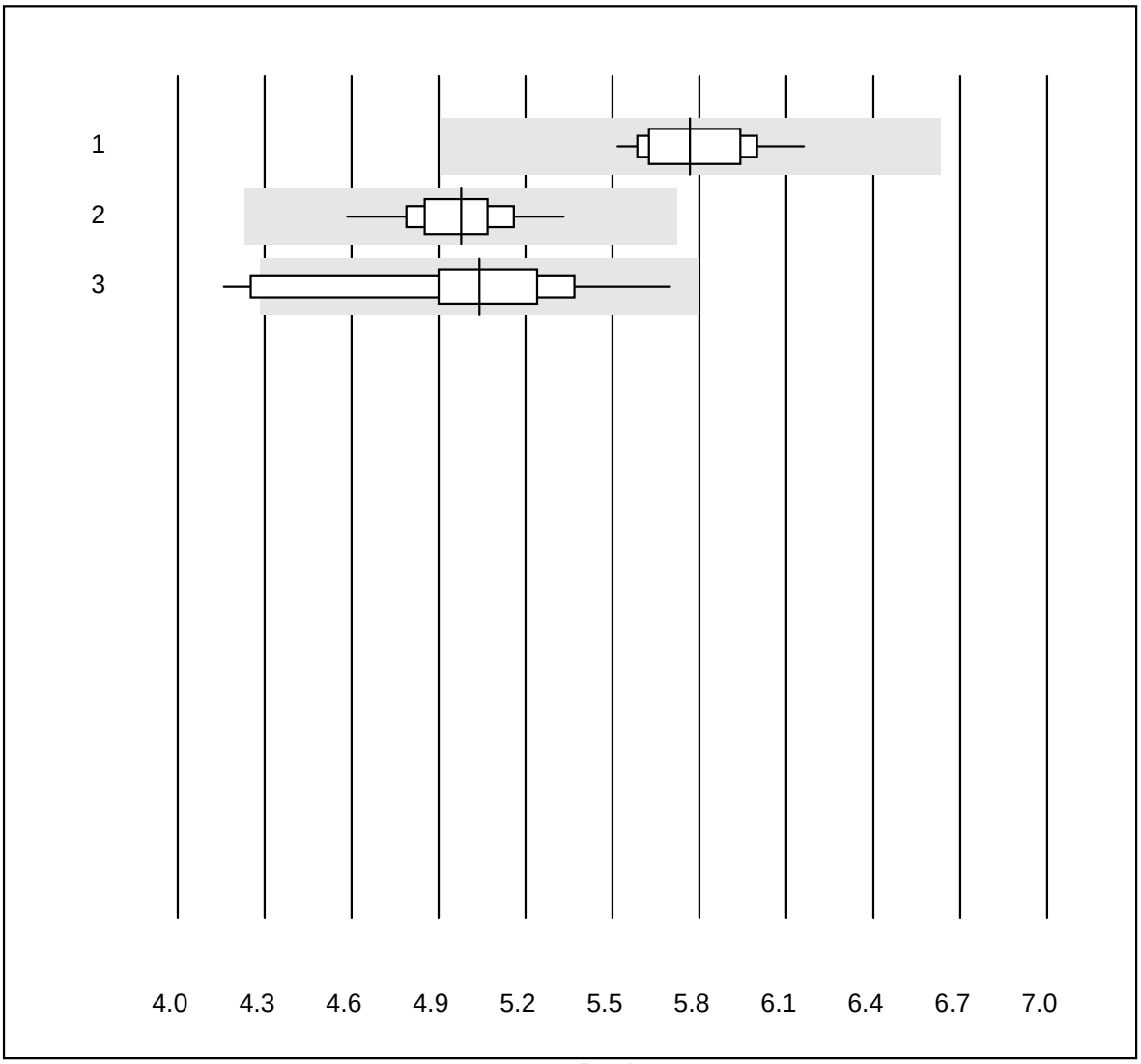
HbA1c sample B



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	21	100.0	0.0	0.0	5.8	2.9	e
2	Afinion	556	98.9	0.7	0.4	5.9	2.9	e
3	Eurolyser	10	100.0	0.0	0.0	5.7	3.5	e*
4	A1c Now	5	80.0	20.0	0.0	5.9	7.6	e*
5	Hemocue HbA1c 501	11	81.8	0.0	18.2	5.9	4.8	e*
6	NycoCard	116	76.8	10.3	12.9	5.9	5.5	e
7	DCA2000/Vantage	192	98.5	0.5	1.0	5.7	2.9	e
8	Others	7	100.0	0.0	0.0	5.6	4.1	e*
9	Roche, Cobas	15	100.0	0.0	0.0	5.7	3.3	e

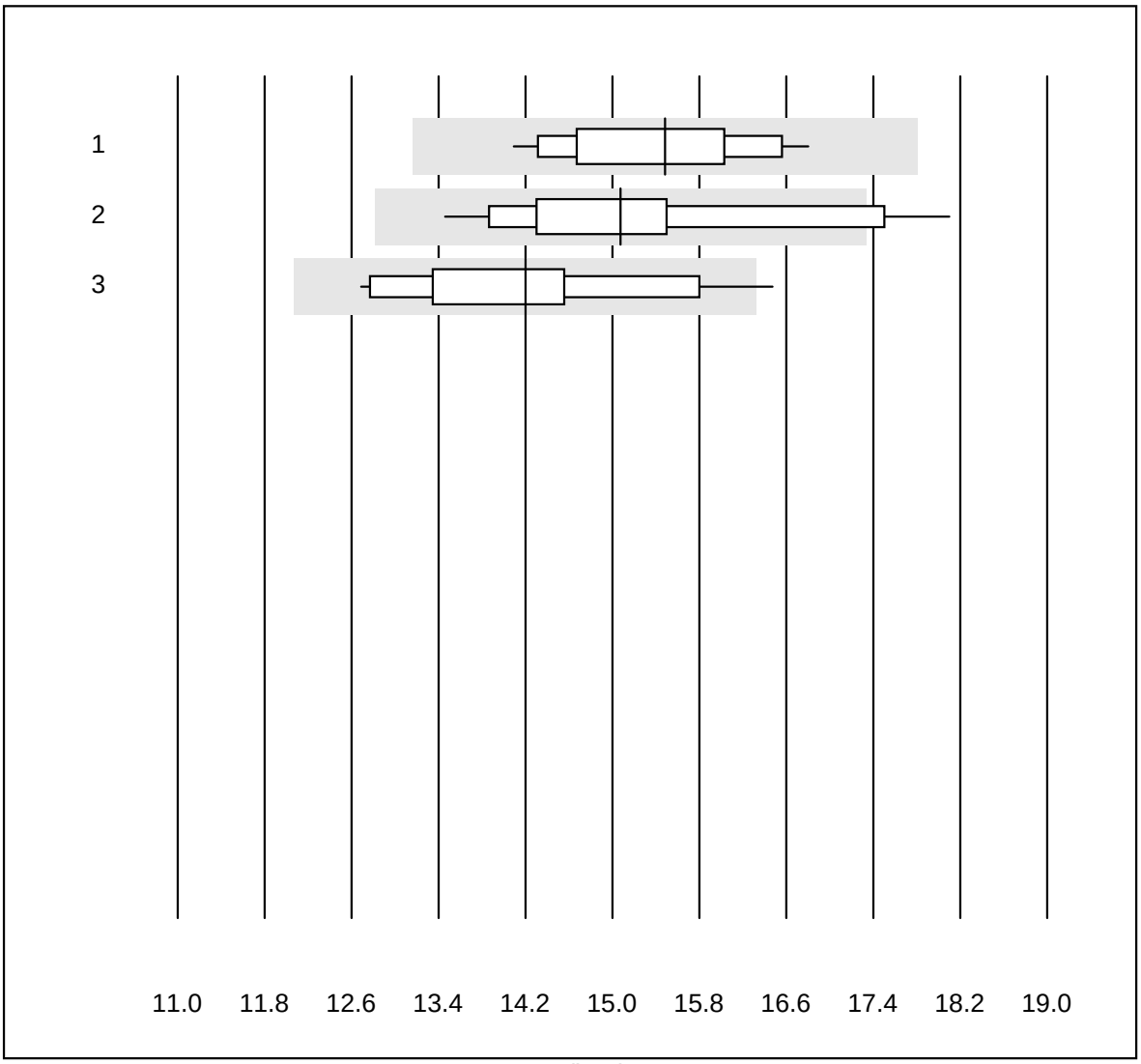
pCO2



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	17	100.0	0.0	0.0	5.77	3.2	e
2	iStat	37	100.0	0.0	0.0	4.98	3.4	e
3	EPOC	22	81.8	9.1	9.1	5.04	7.4	e

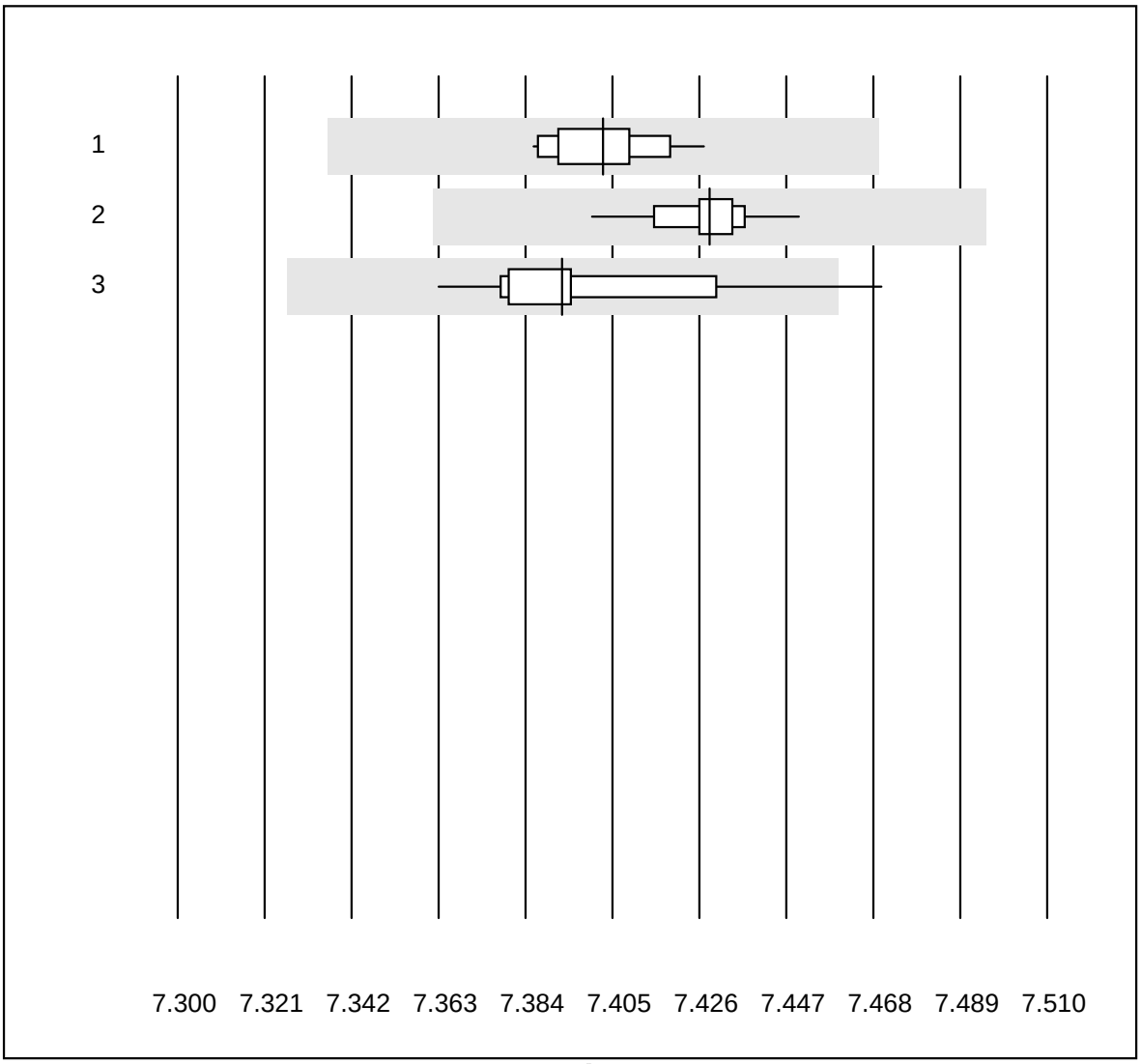
pO2



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	14	100.0	0.0	0.0	15.49	5.5	e
2	iStat	36	86.1	11.1	2.8	15.07	7.8	e
3	EPOC	22	81.9	4.5	13.6	14.20	7.2	e

pH

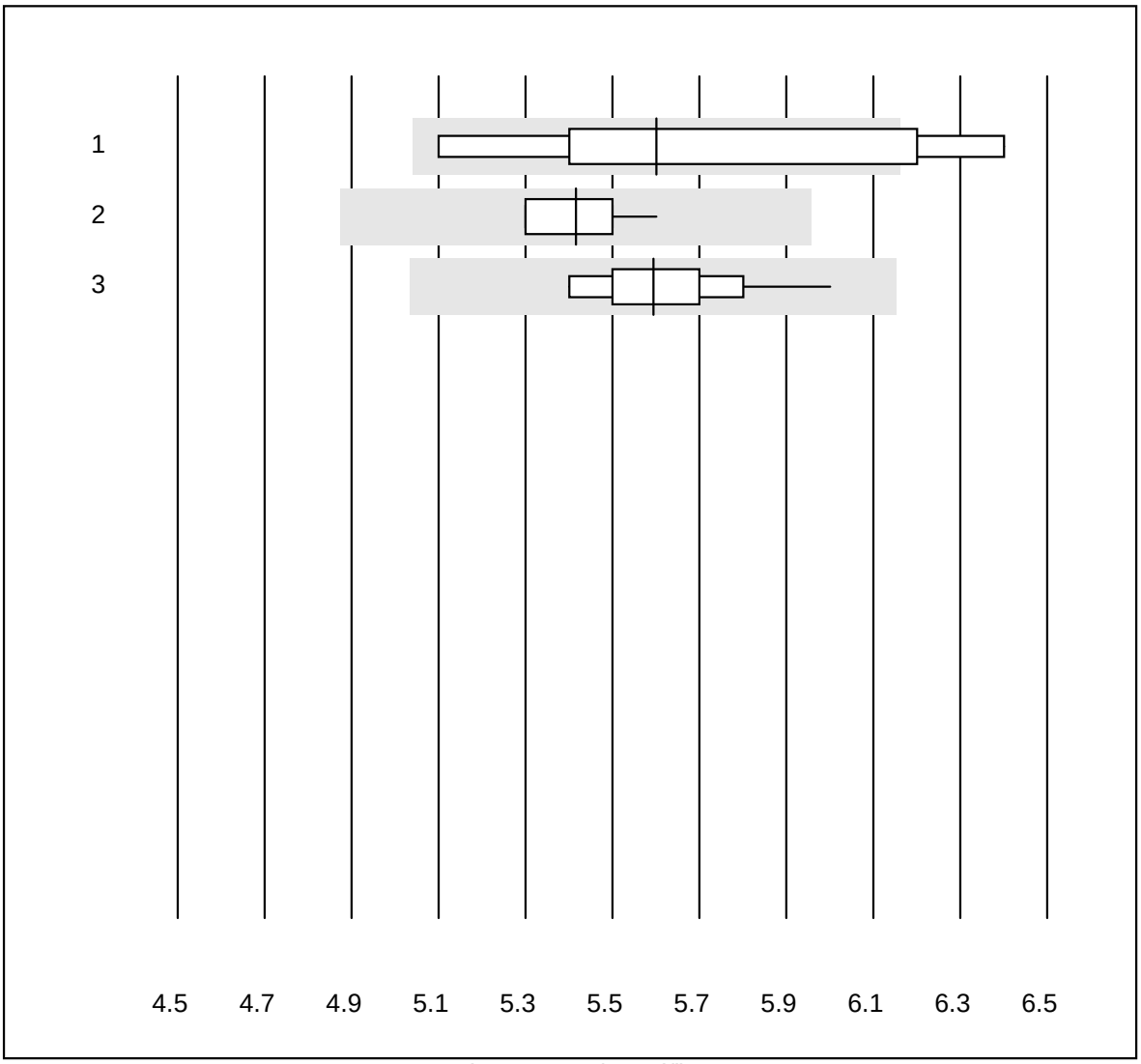


QUALAB tolerance : 1 %

pH ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	16	100.0	0.0	0.0	7.40	0.2	e
2	iStat	37	100.0	0.0	0.0	7.43	0.1	e
3	EPOC	22	95.5	4.5	0.0	7.39	0.3	e

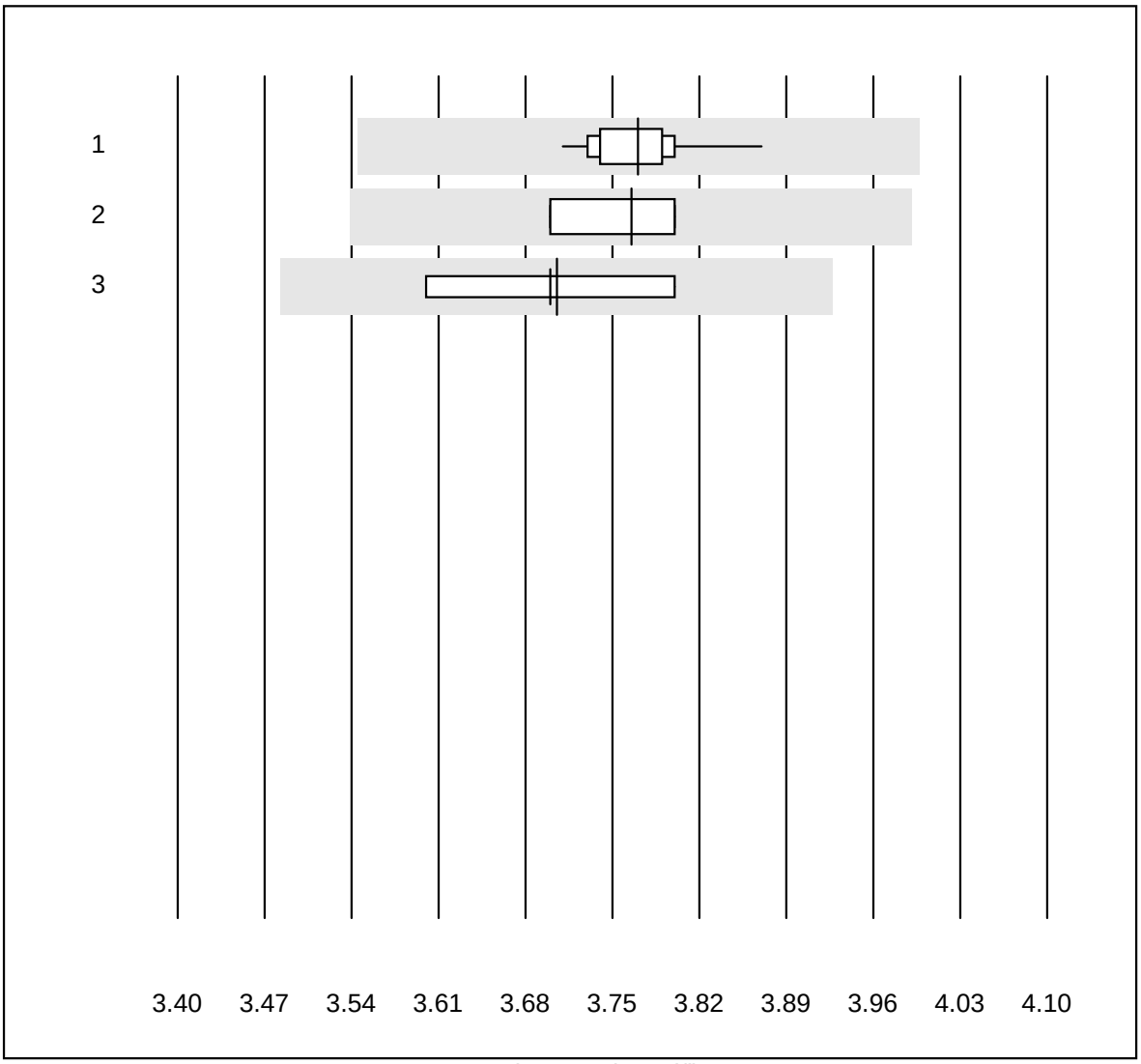
Glucose BG



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	5	60.0	40.0	0.0	5.6	9.5	e*
2	iStat	13	100.0	0.0	0.0	5.4	1.8	e
3	EPOC	16	100.0	0.0	0.0	5.6	2.8	e

Potassium BG

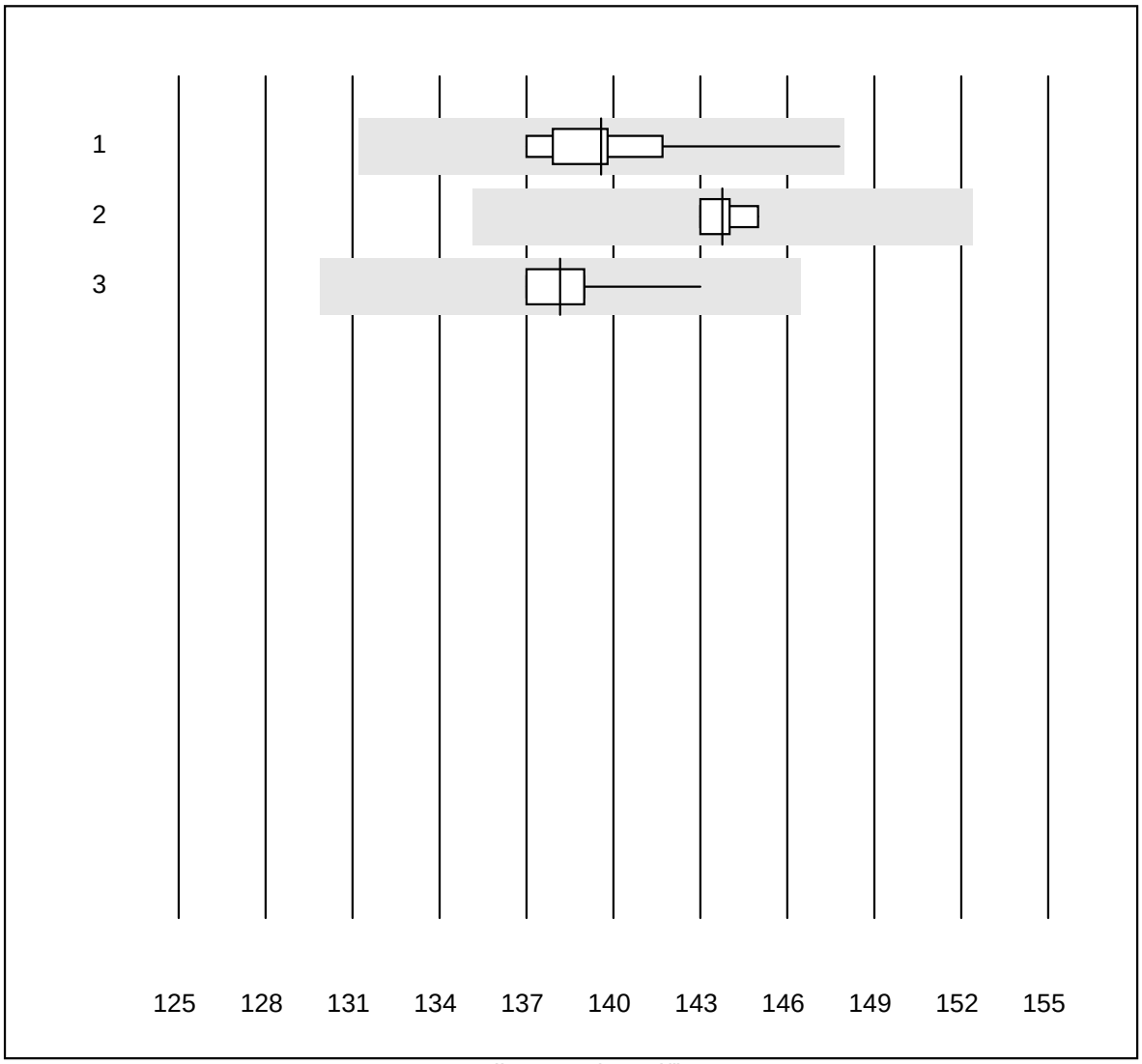


QUALAB tolerance : 6 %

Potassium BG (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	15	100.0	0.0	0.0	3.8	1.0	e
2	iStat	20	100.0	0.0	0.0	3.8	1.3	e
3	EPOC	20	100.0	0.0	0.0	3.7	1.4	e

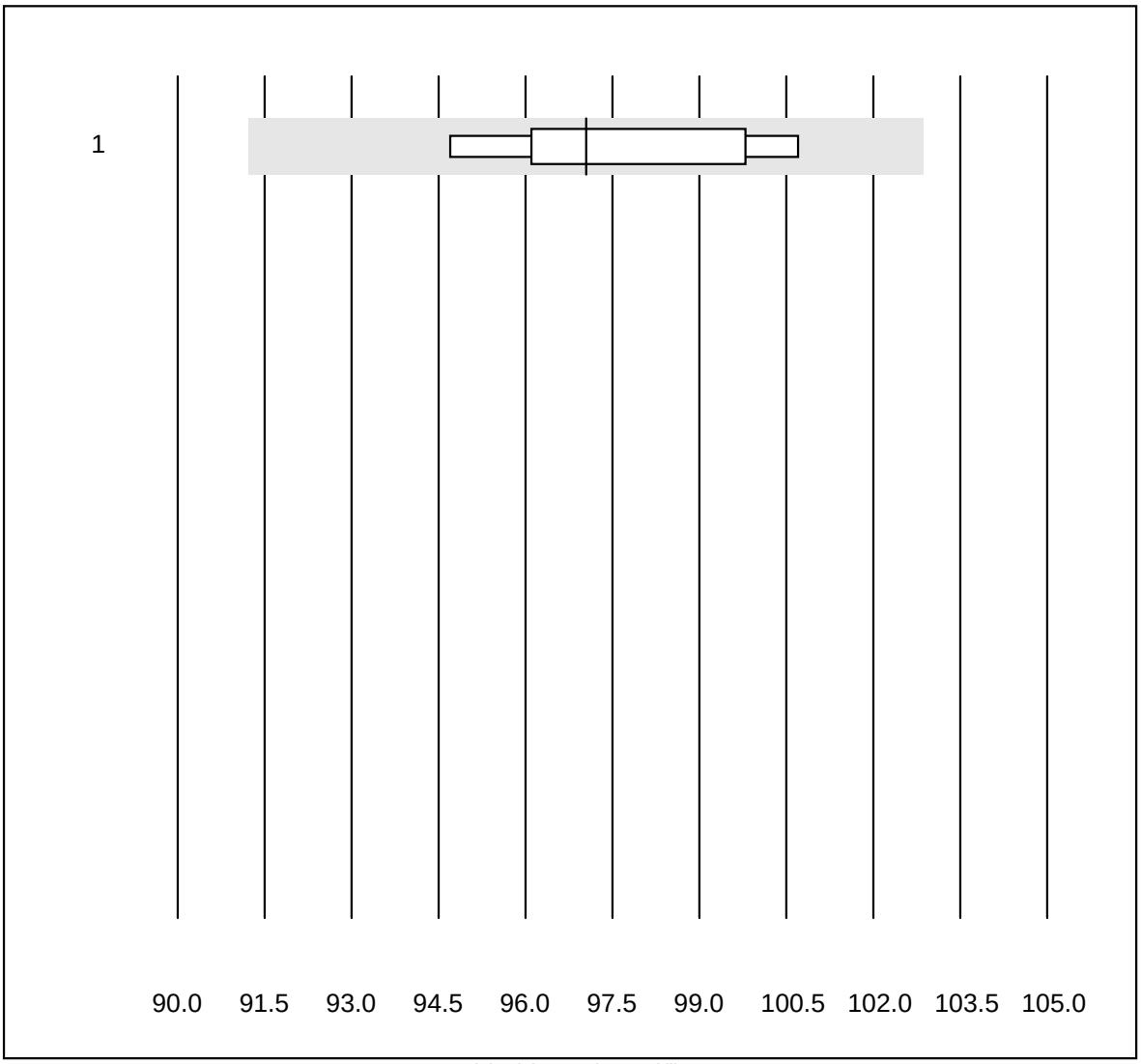
Sodium BG



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	16	100.0	0.0	0.0	139.6	1.9	e
2	iStat	20	100.0	0.0	0.0	143.8	0.5	e
3	EPOC	19	100.0	0.0	0.0	138.2	1.0	e

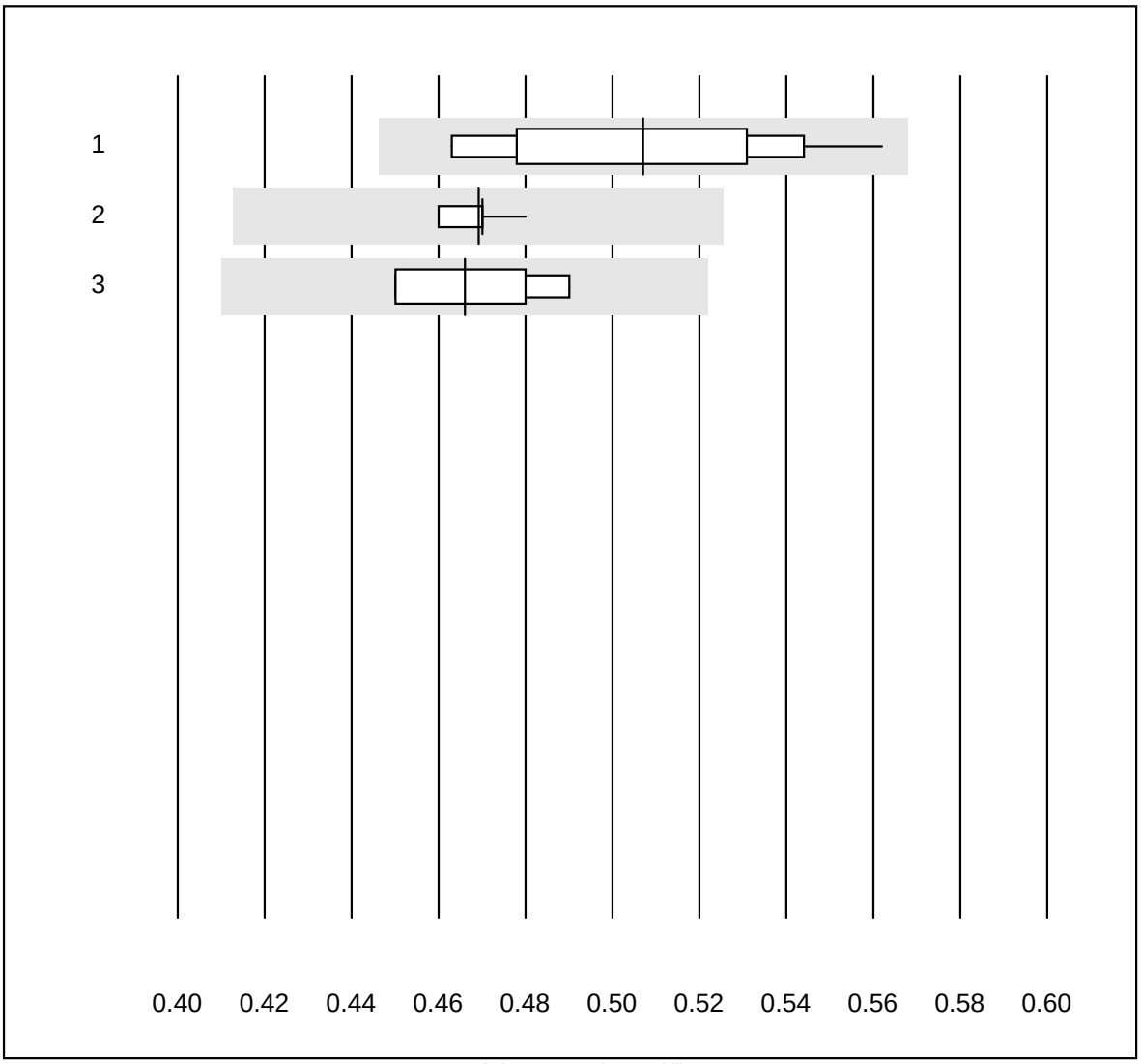
Chlorid-BG



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	6	100.0	0.0	0.0	97.1	2.4	e*

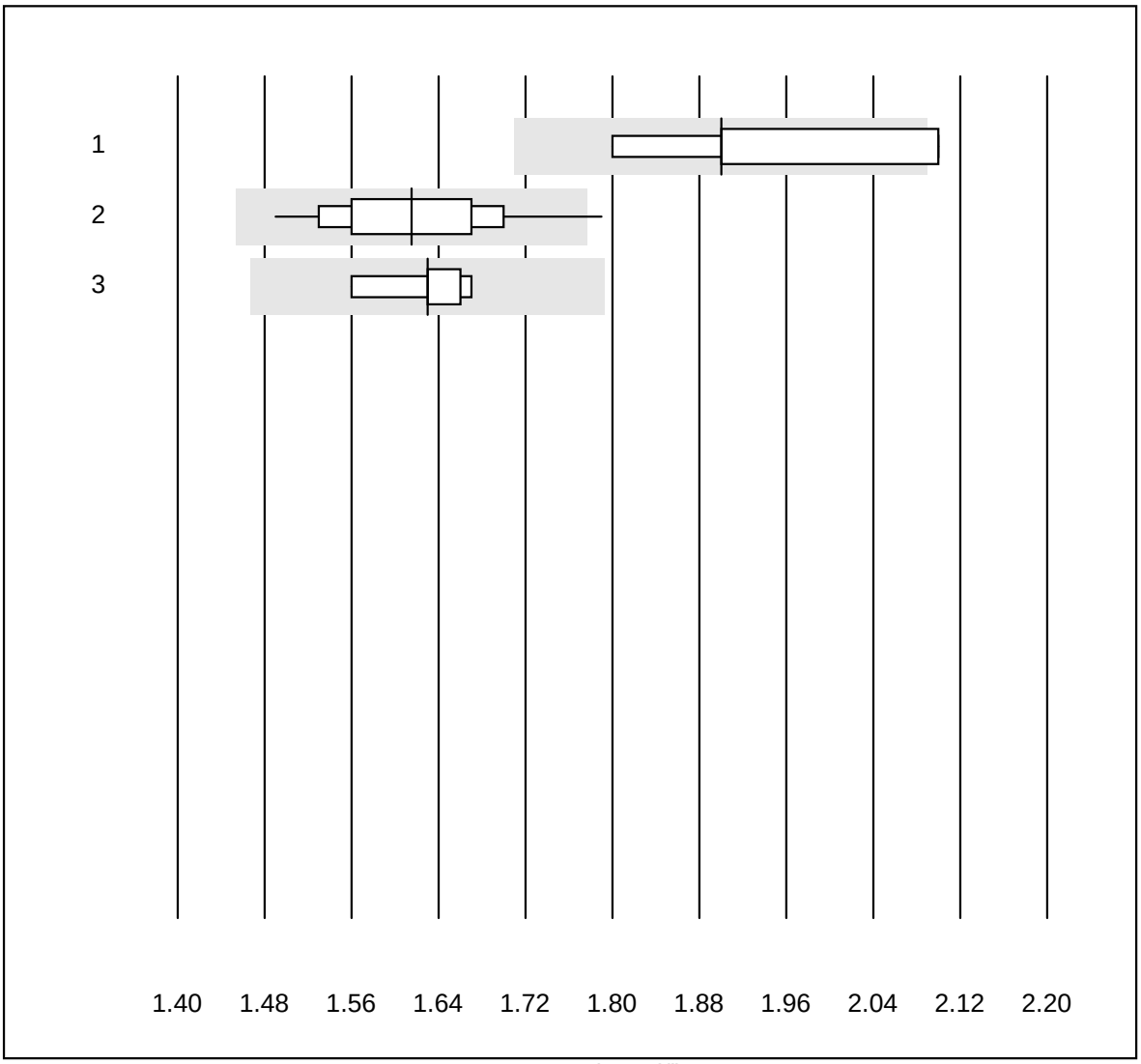
Calcium-BG



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	11	90.9	0.0	9.1	0.51	6.7	e*
2	iStat	12	100.0	0.0	0.0	0.47	1.1	e
3	EPOC	20	95.0	0.0	5.0	0.47	3.0	e

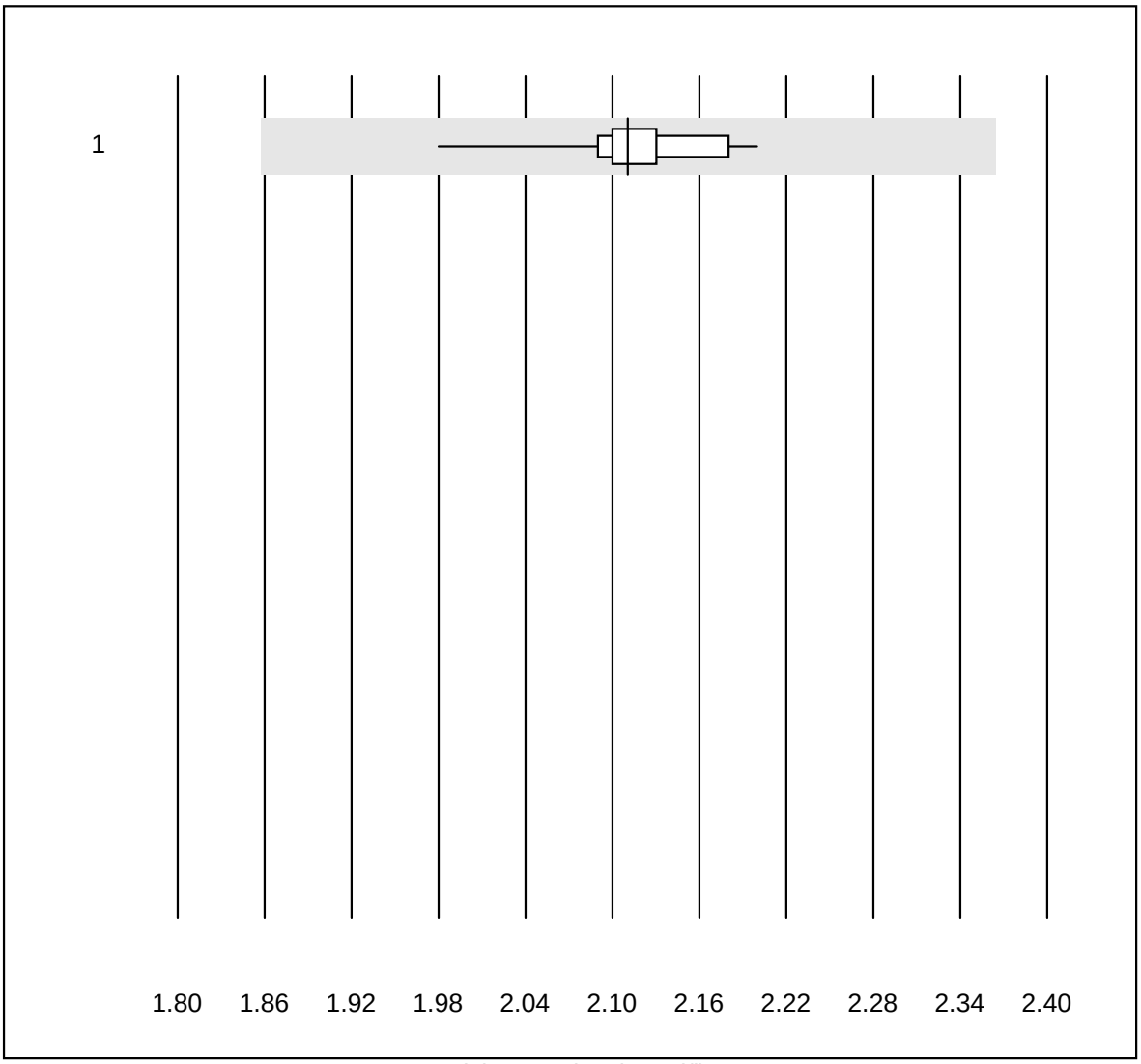
Lactate-BG



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	5	60.0	40.0	0.0	1.90	6.8	e*
2	EPOC	20	95.0	5.0	0.0	1.62	4.9	e
3	iStat	7	100.0	0.0	0.0	1.63	2.2	e

Calcium - Urine

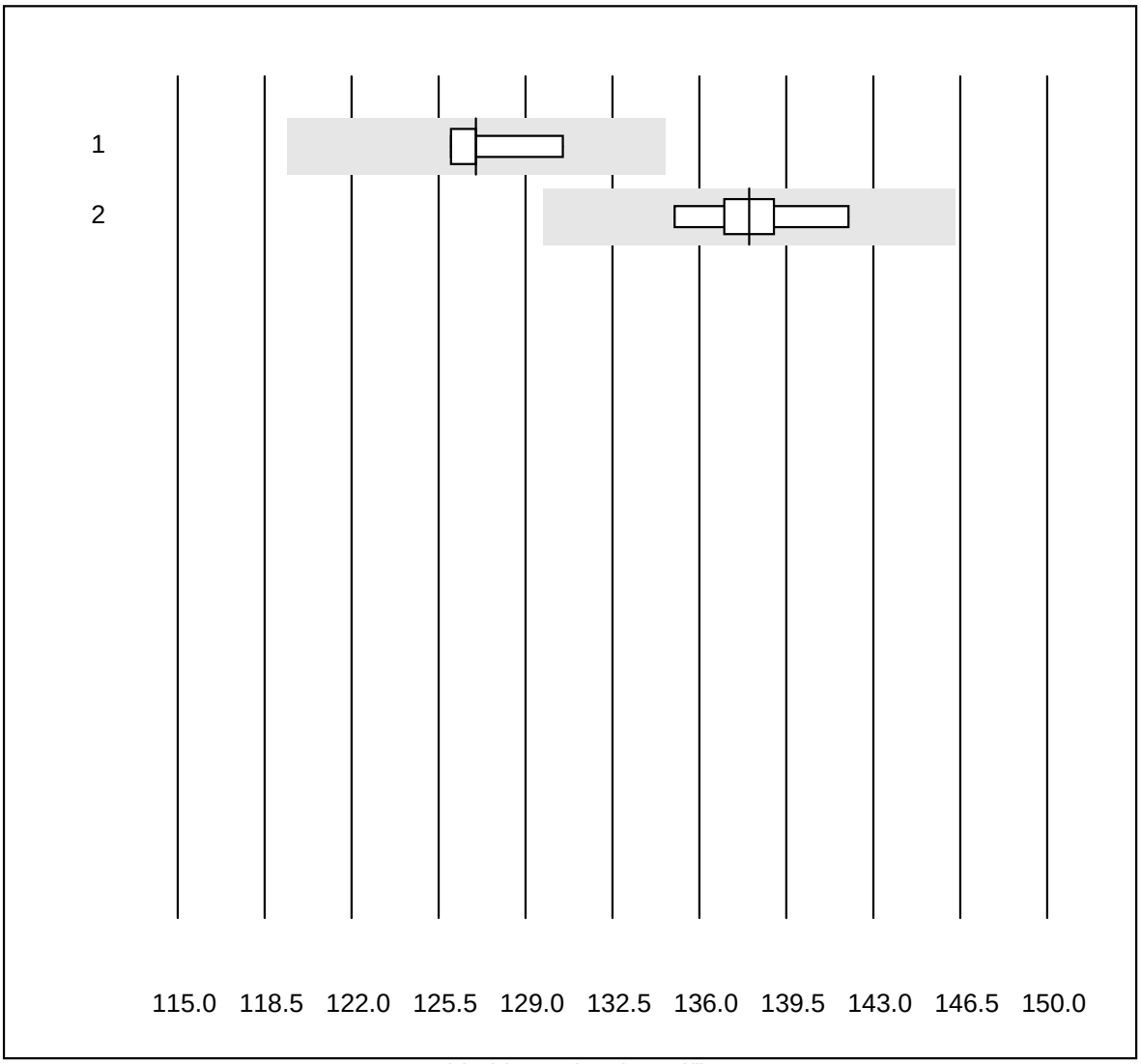


QUALAB tolerance : 12 %

Calcium - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	13	100.0	0.0	0.0	2.11	2.5	e

Chloride - Urine

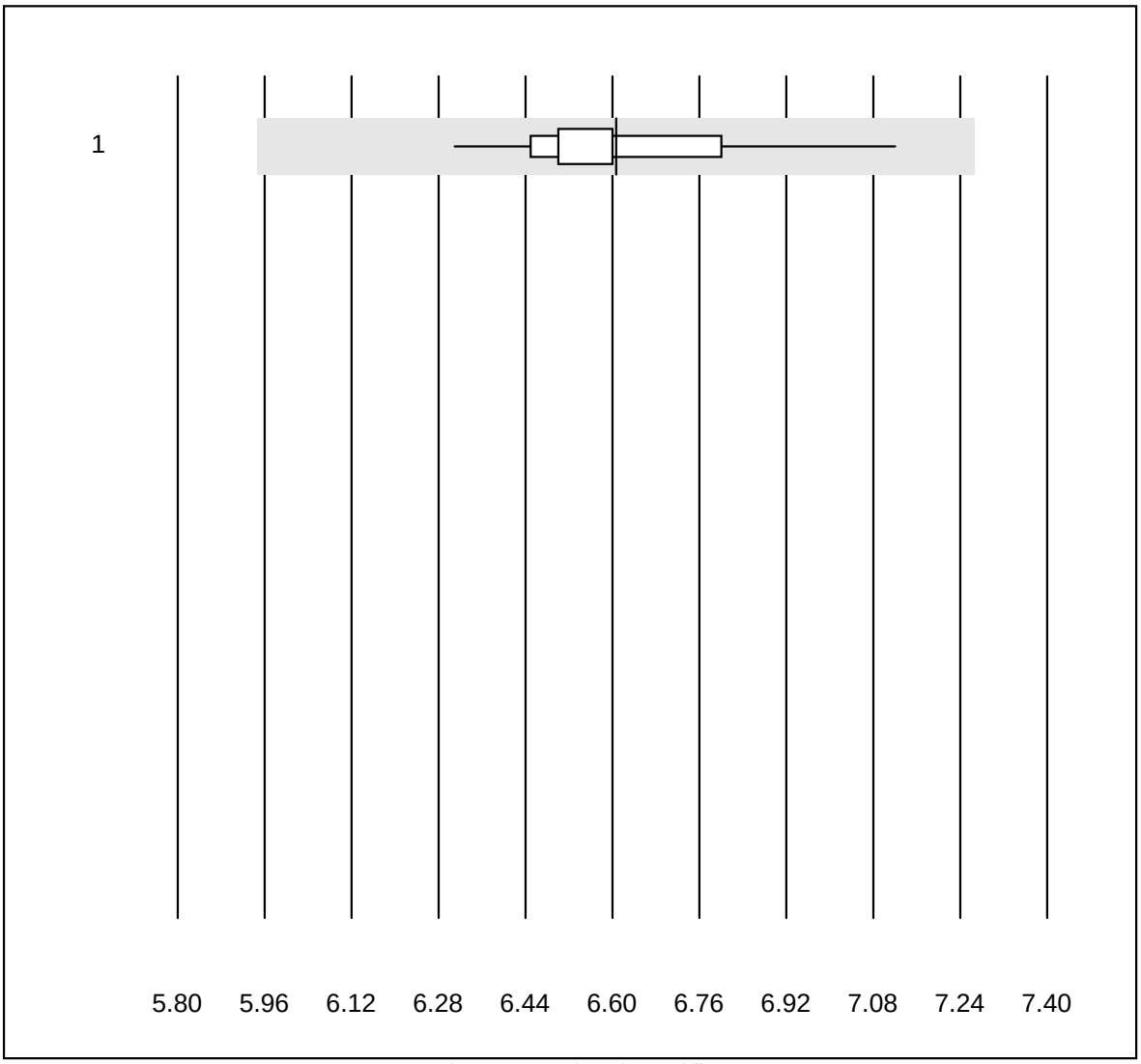


QUALAB tolerance : 6 %

Chloride - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	4	100.0	0.0	0.0	127	1.5	e*
2	ISE	5	100.0	0.0	0.0	138	1.9	a

Glucose - Urine

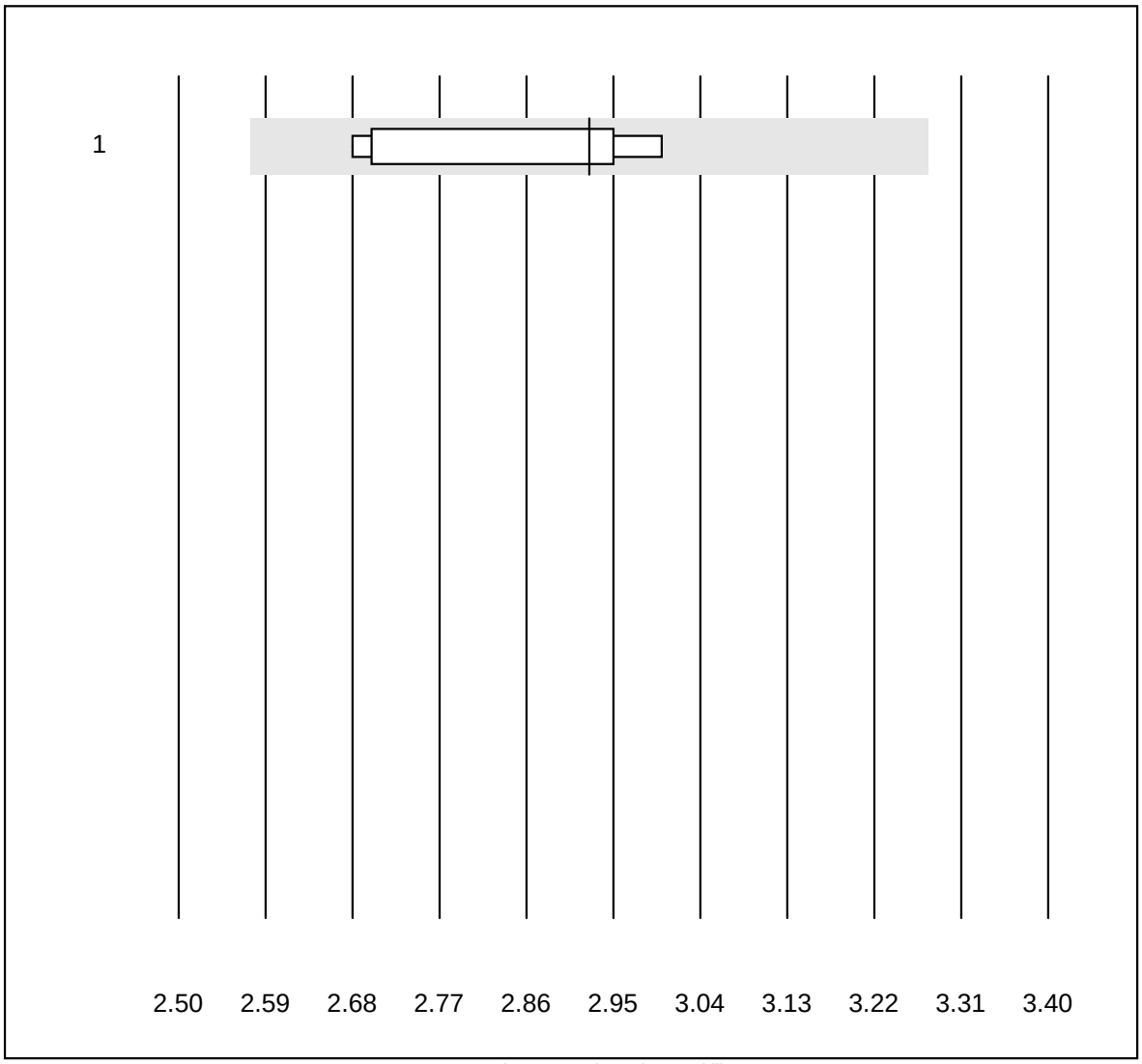


QUALAB tolerance : 10 %

Glucose - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	12	100.0	0.0	0.0	6.6	3.0	e

Magnesium - Urine

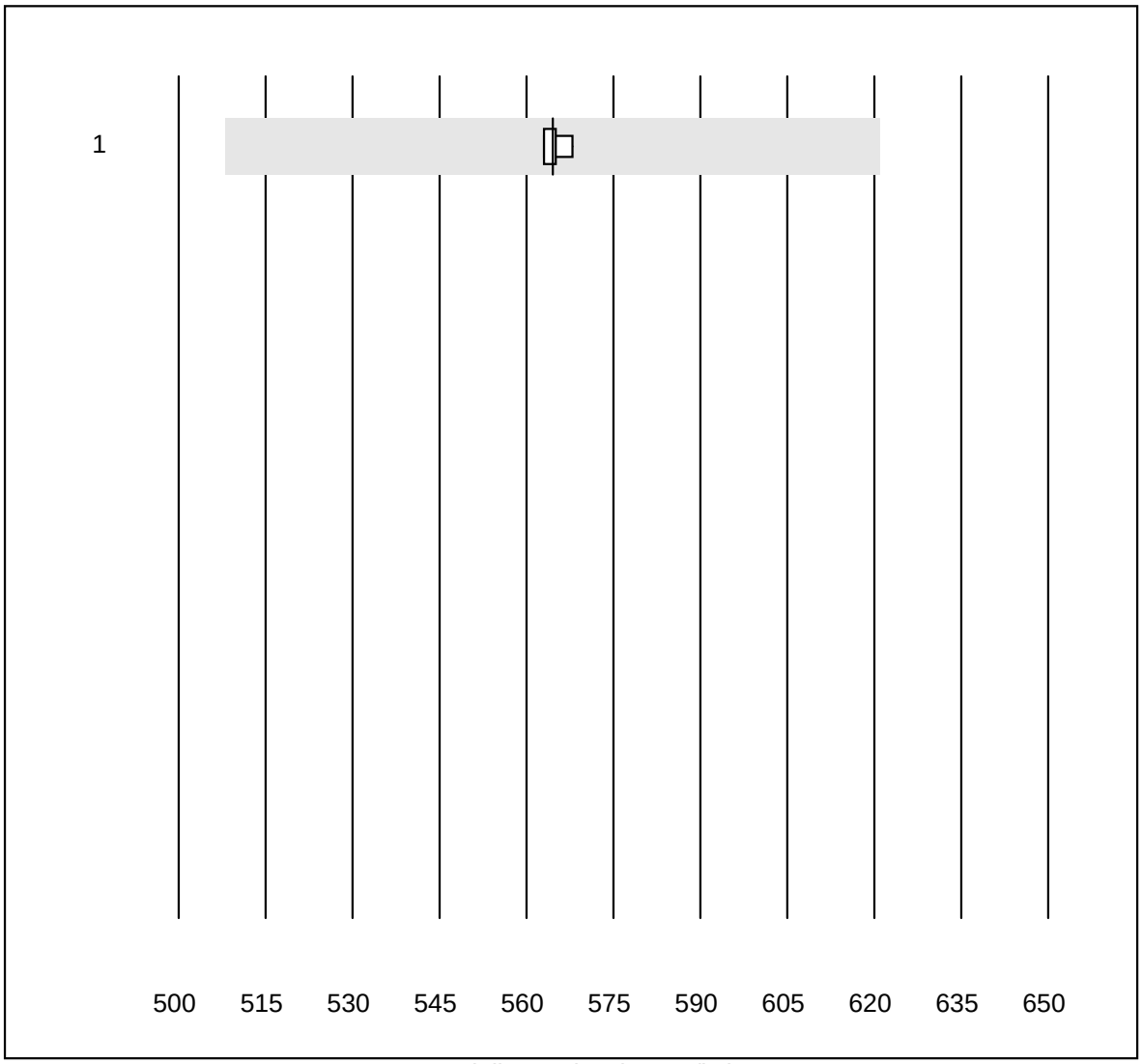


QUALAB tolerance : 12 %

Magnesium - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	8	100.0	0.0	0.0	2.9	4.6	e*

Osmolality - Urine

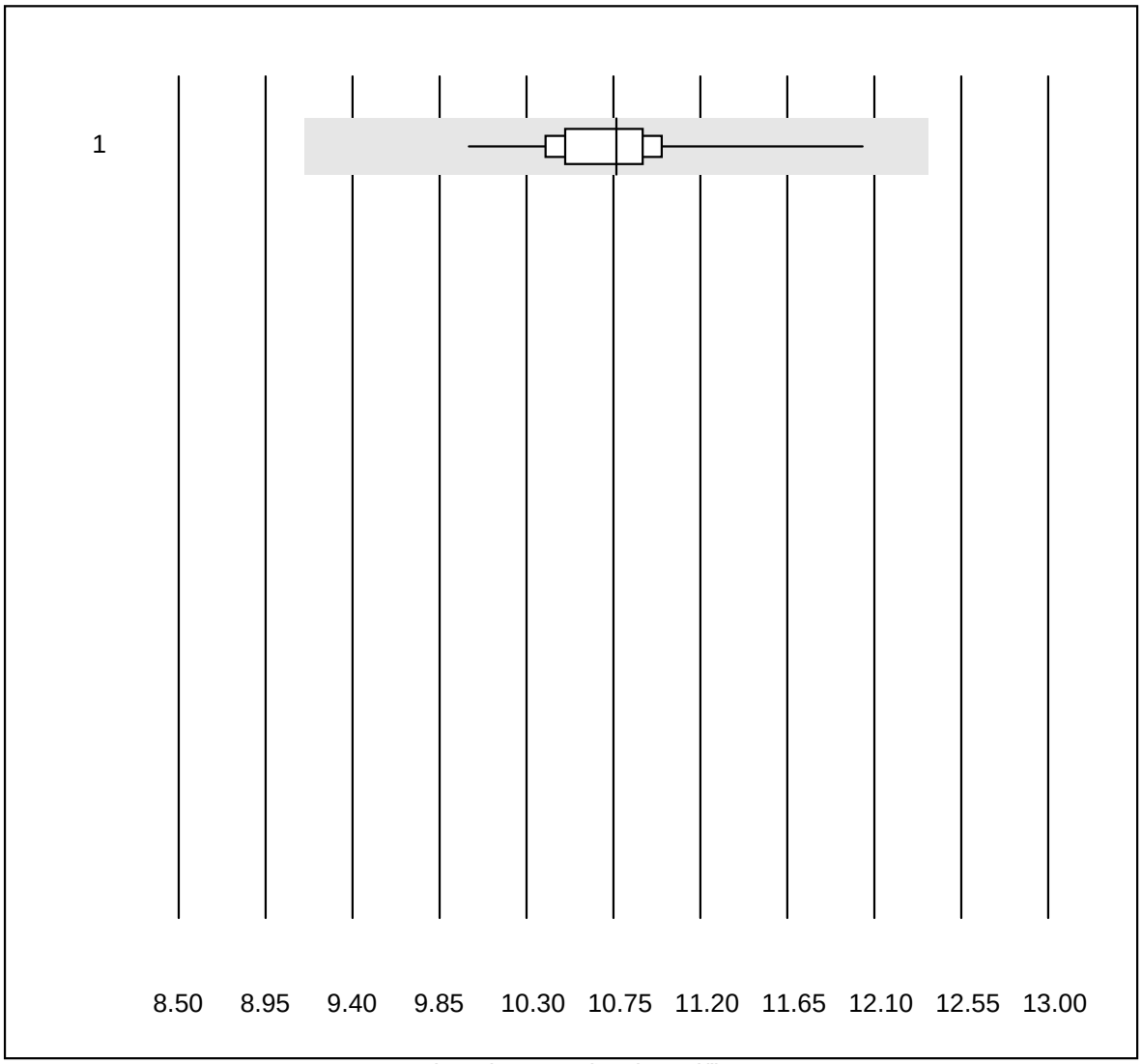


QUALAB tolerance : 10 %

Osmolality - Urine (mosm/kg)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cryoskopy	6	100.0	0.0	0.0	565	0.3	e

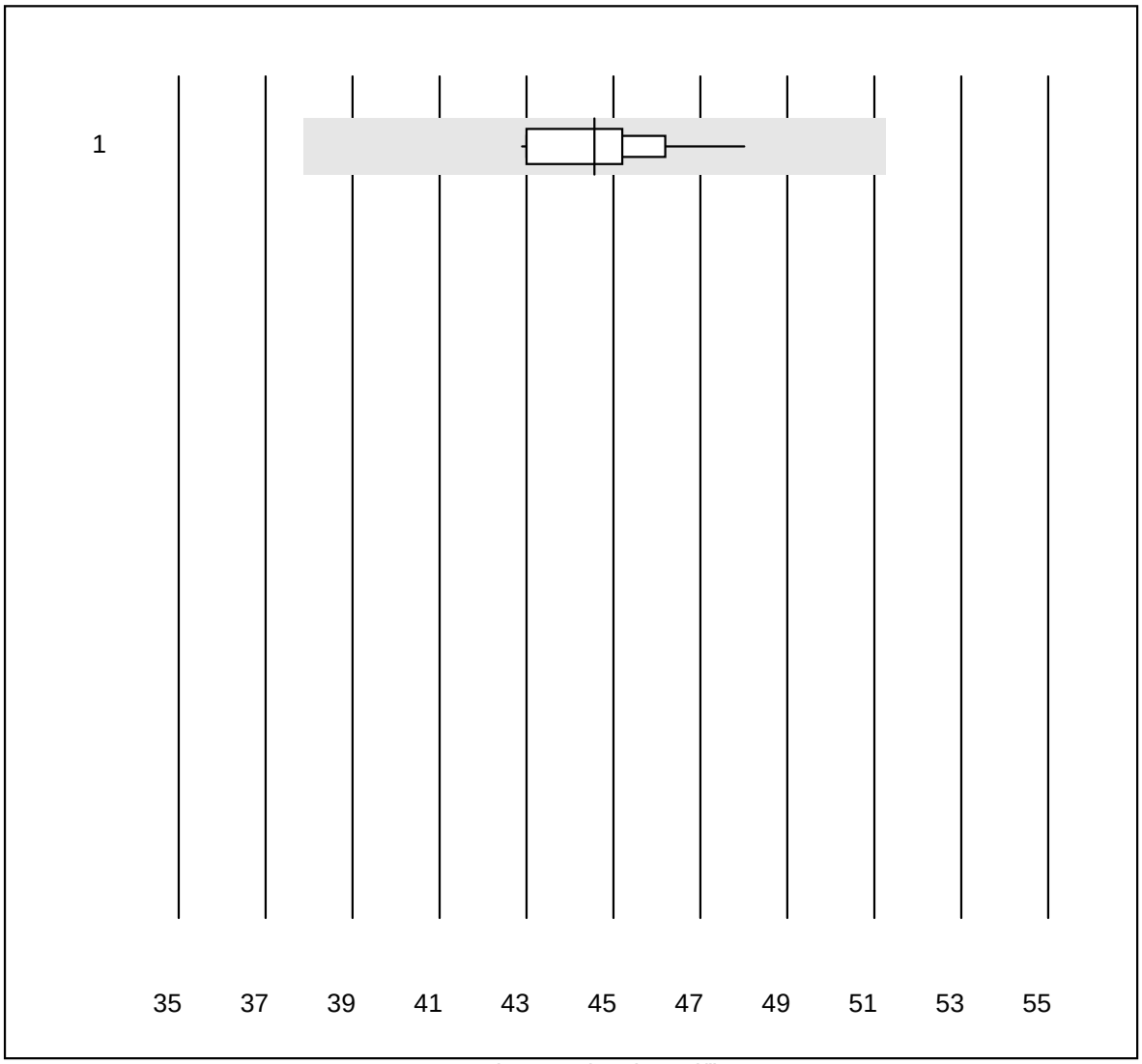
Phosphate - Urine



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	14	100.0	0.0	0.0	10.8	4.3	e

Potassium - Urine

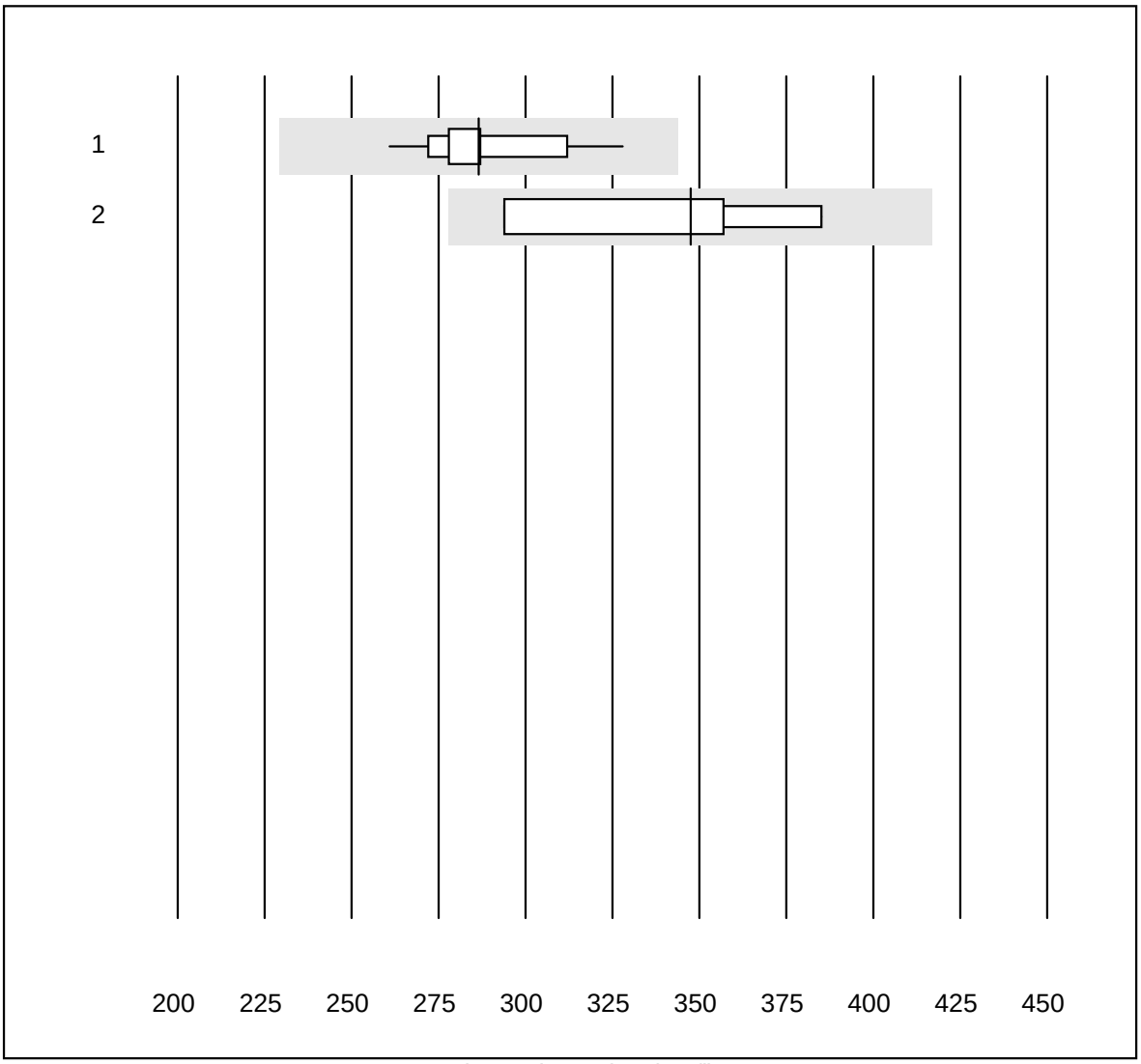


QUALAB tolerance : 15 %

Potassium - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	18	100.0	0.0	0.0	45	3.2	e

total Protein - Urine

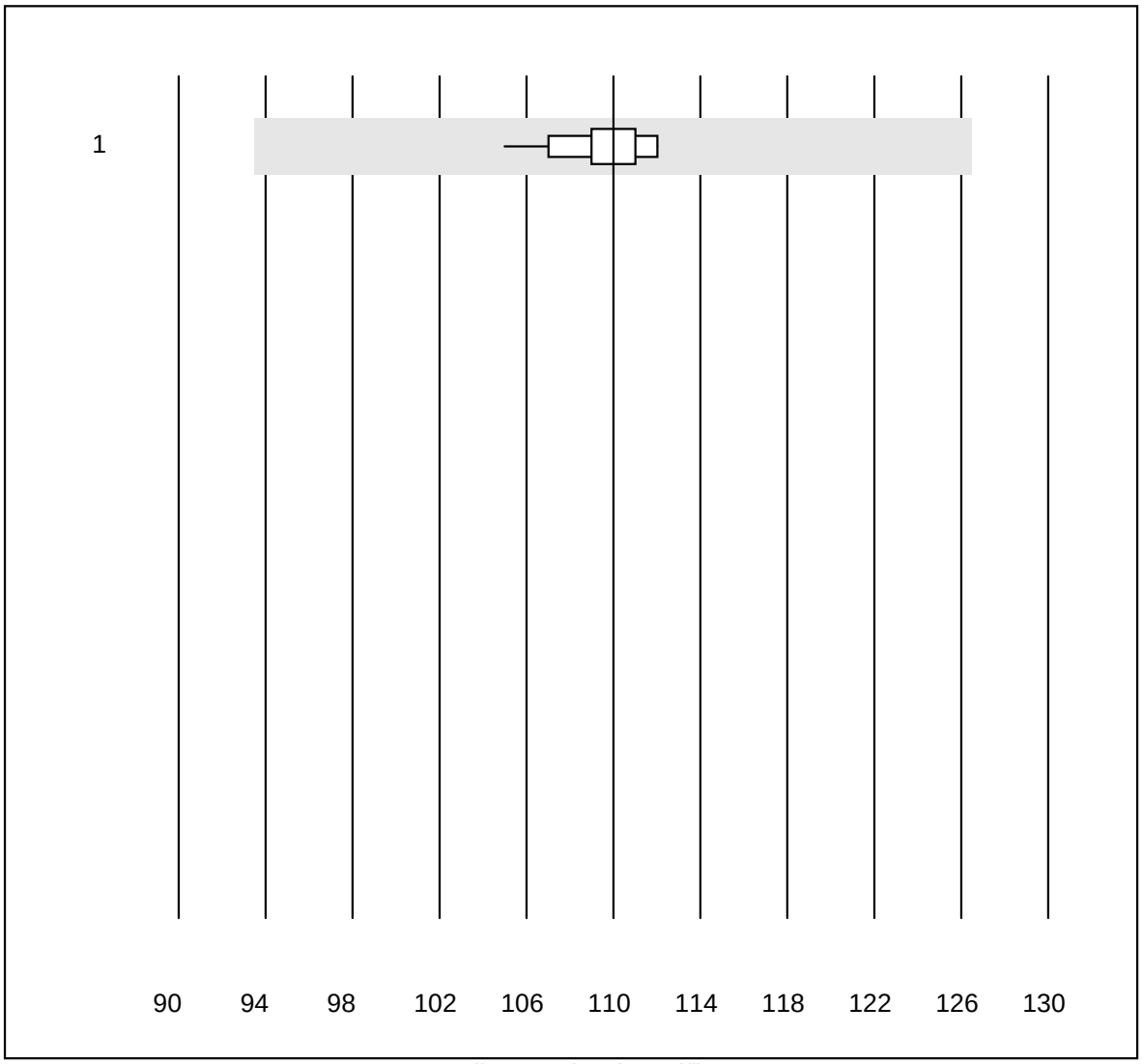


QUALAB tolerance : 20 %

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	286.6	6.2	e
2	Other methods	4	100.0	0.0	0.0	347.5	11.1	e*

Sodium - Urine

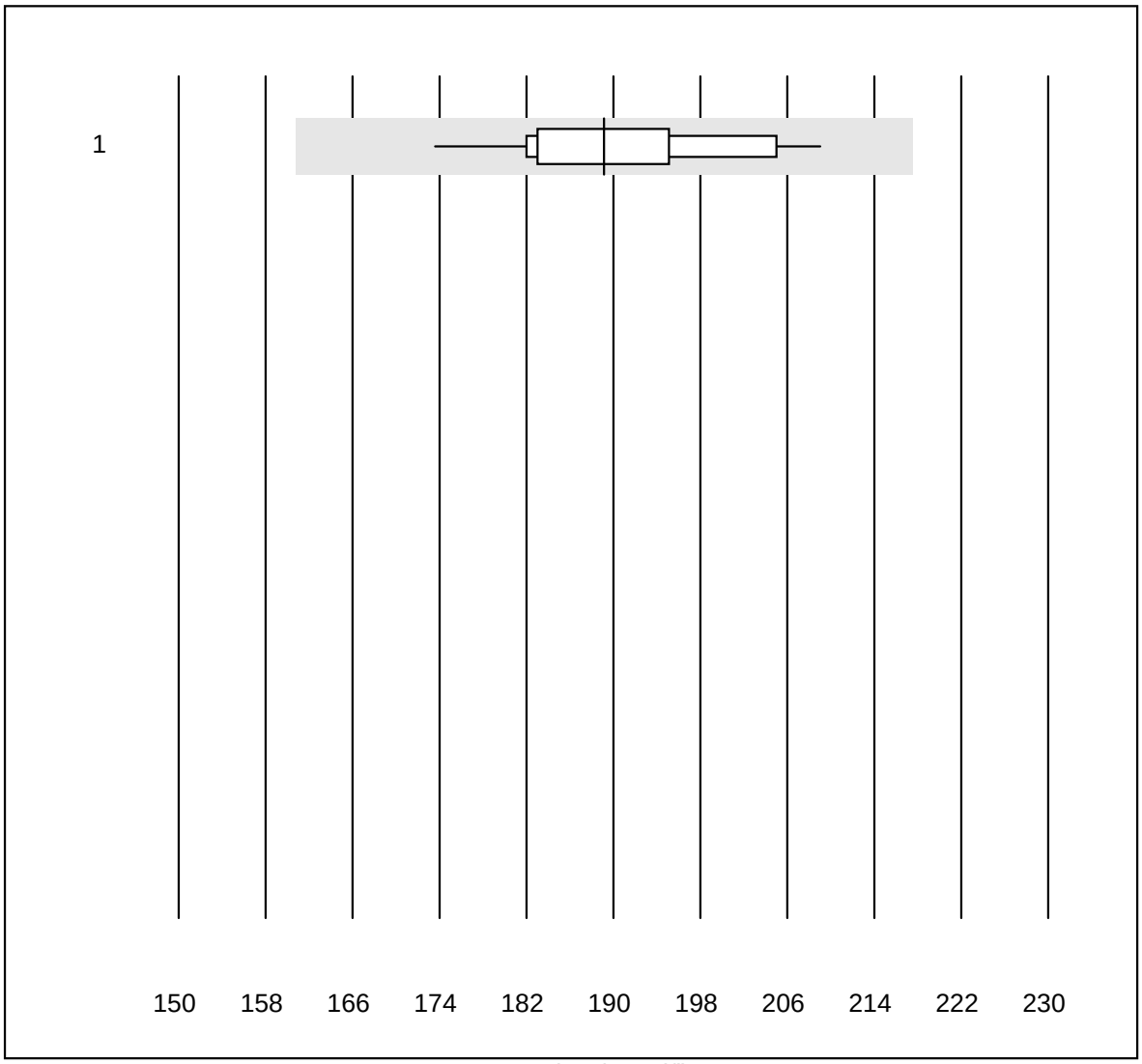


QUALAB tolerance : 15 %

Sodium - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	17	100.0	0.0	0.0	110	1.8	e

Urea - Urine

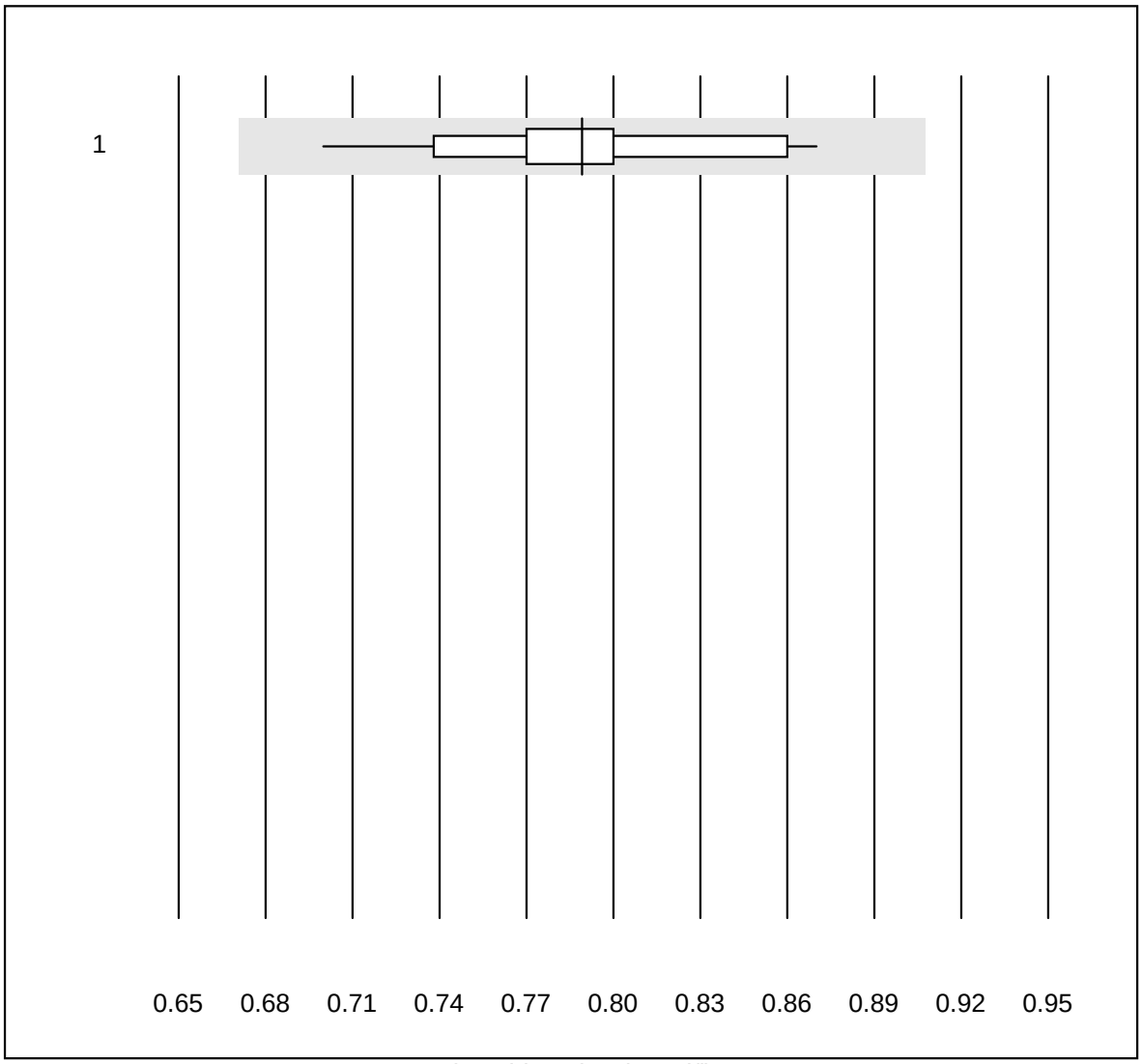


QUALAB tolerance : 15 %

Urea - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	14	100.0	0.0	0.0	189	4.9	e

Uric Acid - Urine

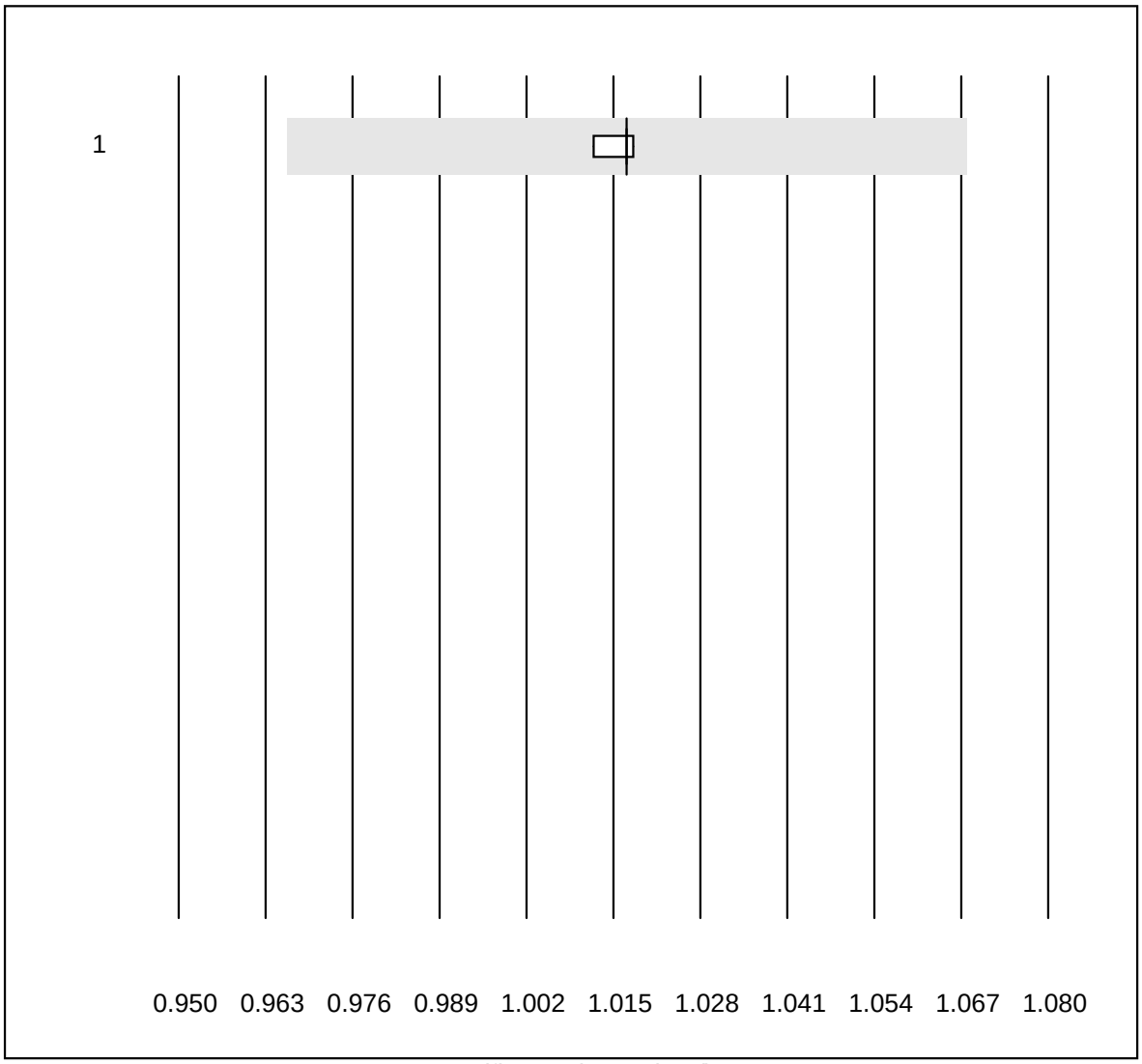


QUALAB tolerance : 15 %

Uric Acid - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	13	100.0	0.0	0.0	0.79	5.8	e

Specific Gravity - Urine

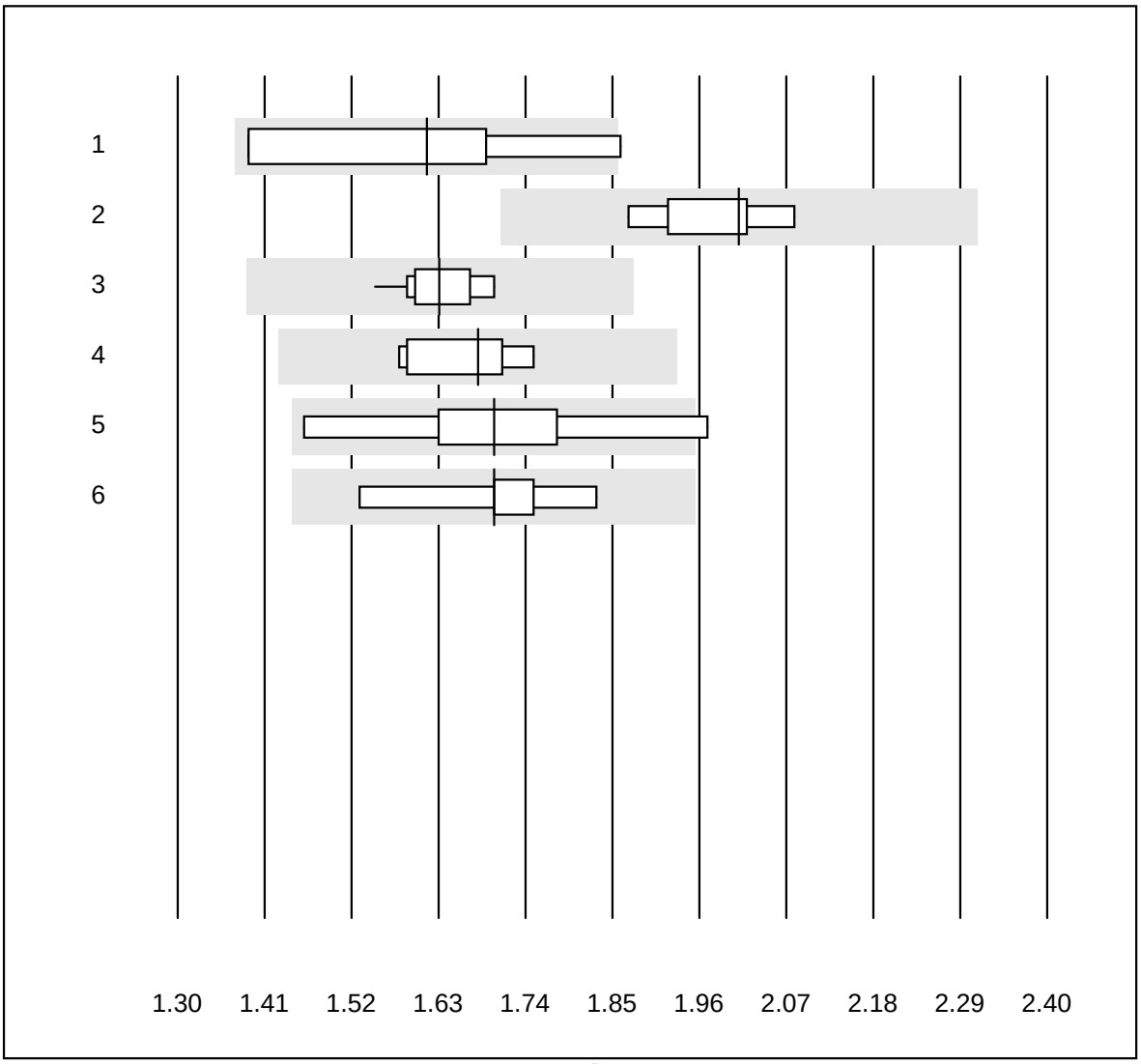


QUALAB tolerance : 5 %

Specific Gravity - Urine ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Refractometer	6	100.0	0.0	0.0	1.017	0.2	a

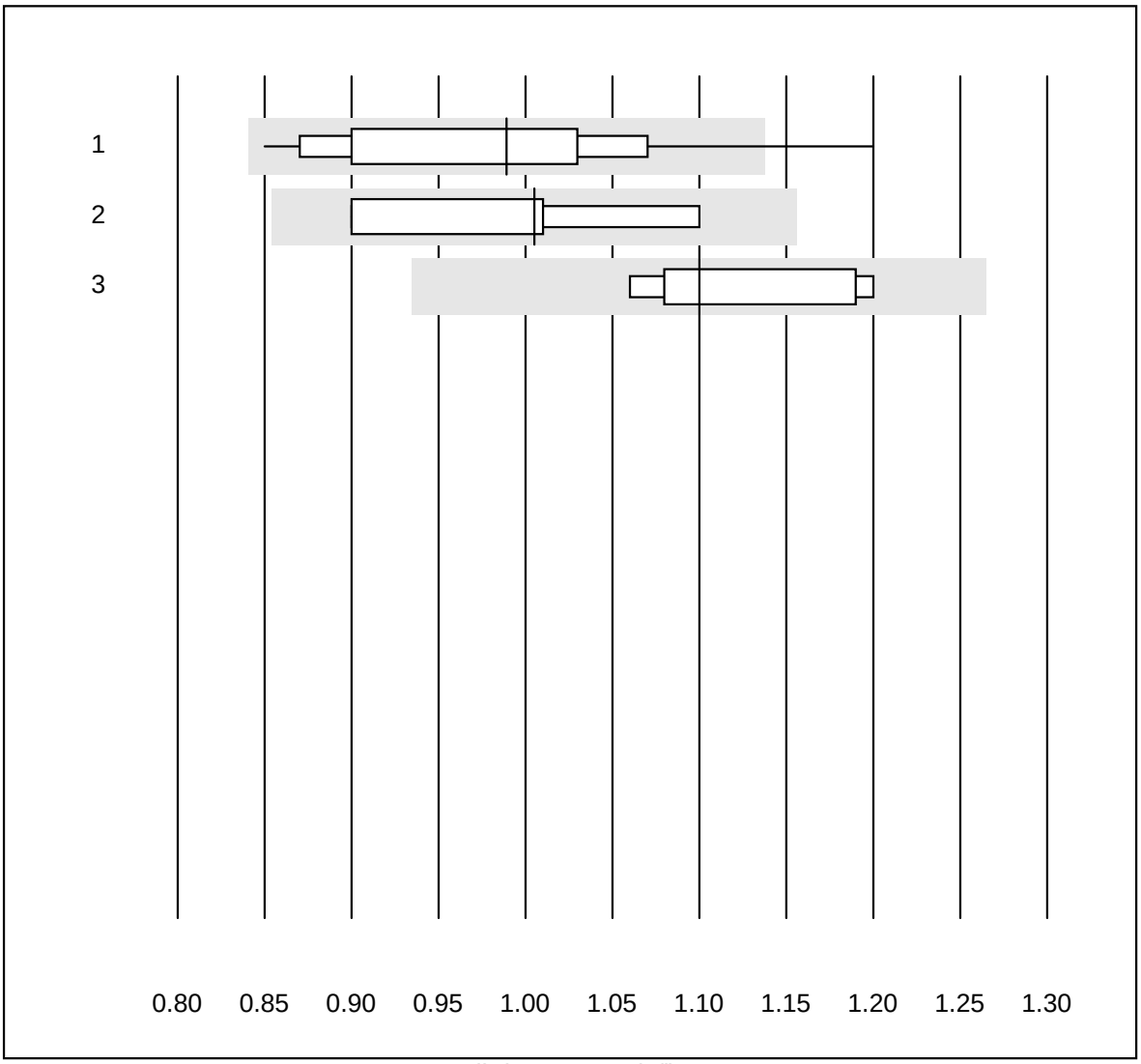
INR



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Thromborel S	4	75.0	25.0	0.0	1.62	12.4	e*
2	Neoplastin Plus	5	100.0	0.0	0.0	2.01	4.2	e*
3	Innovin	16	93.7	0.0	6.3	1.63	2.8	e
4	Recombiplastin IL	5	100.0	0.0	0.0	1.68	4.5	e*
5	Other methods	5	80.0	20.0	0.0	1.70	11.0	e*
6	Neoplastin R	9	100.0	0.0	0.0	1.70	5.5	e*

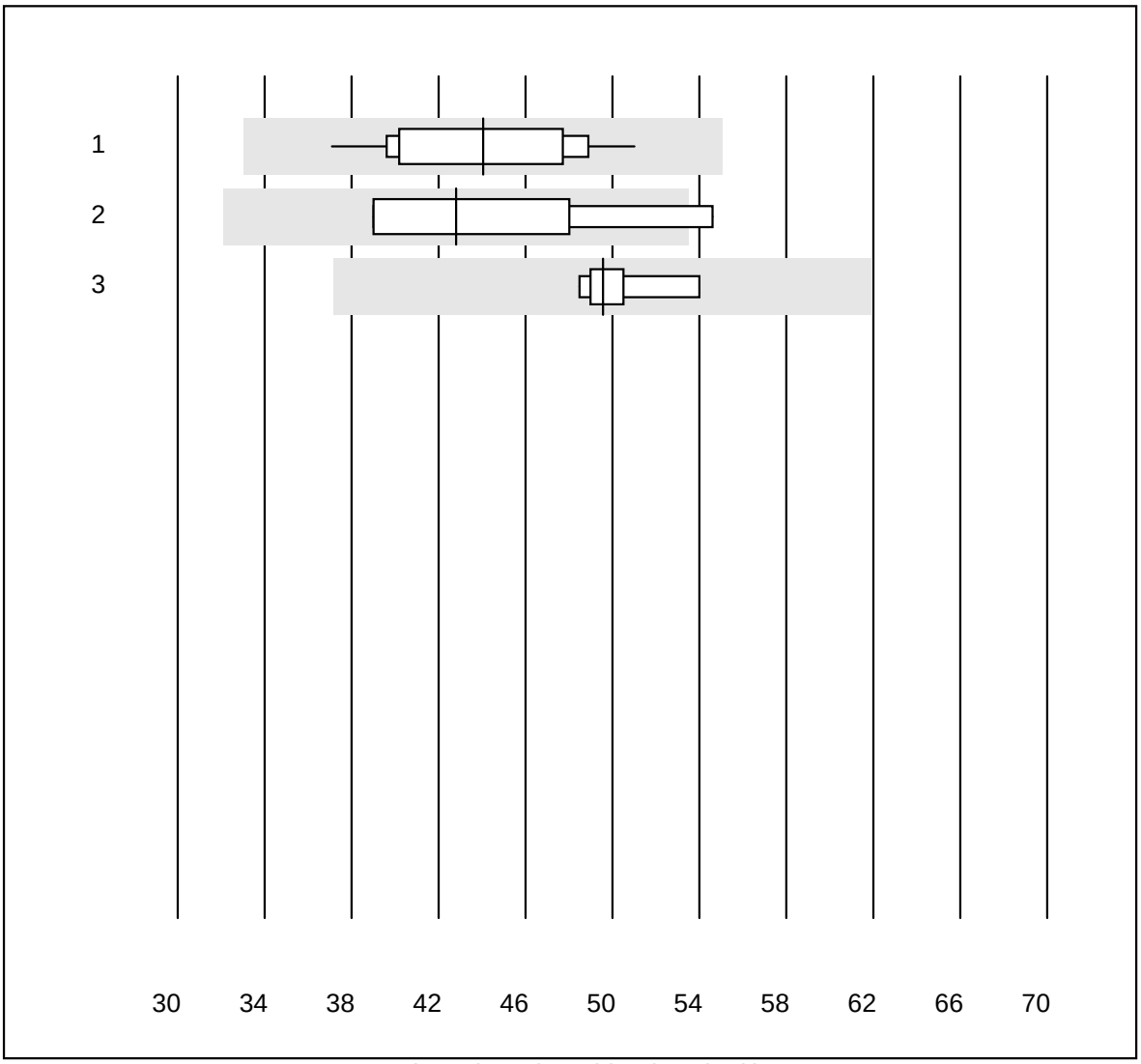
Fibrinogen OA



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	11	90.9	9.1	0.0	0.99	10.2	e*
2	Siemens Thrombin	4	100.0	0.0	0.0	1.01	8.2	e*
3	Stago/STA	7	100.0	0.0	0.0	1.10	4.9	e*

Activated Prothrombin Time

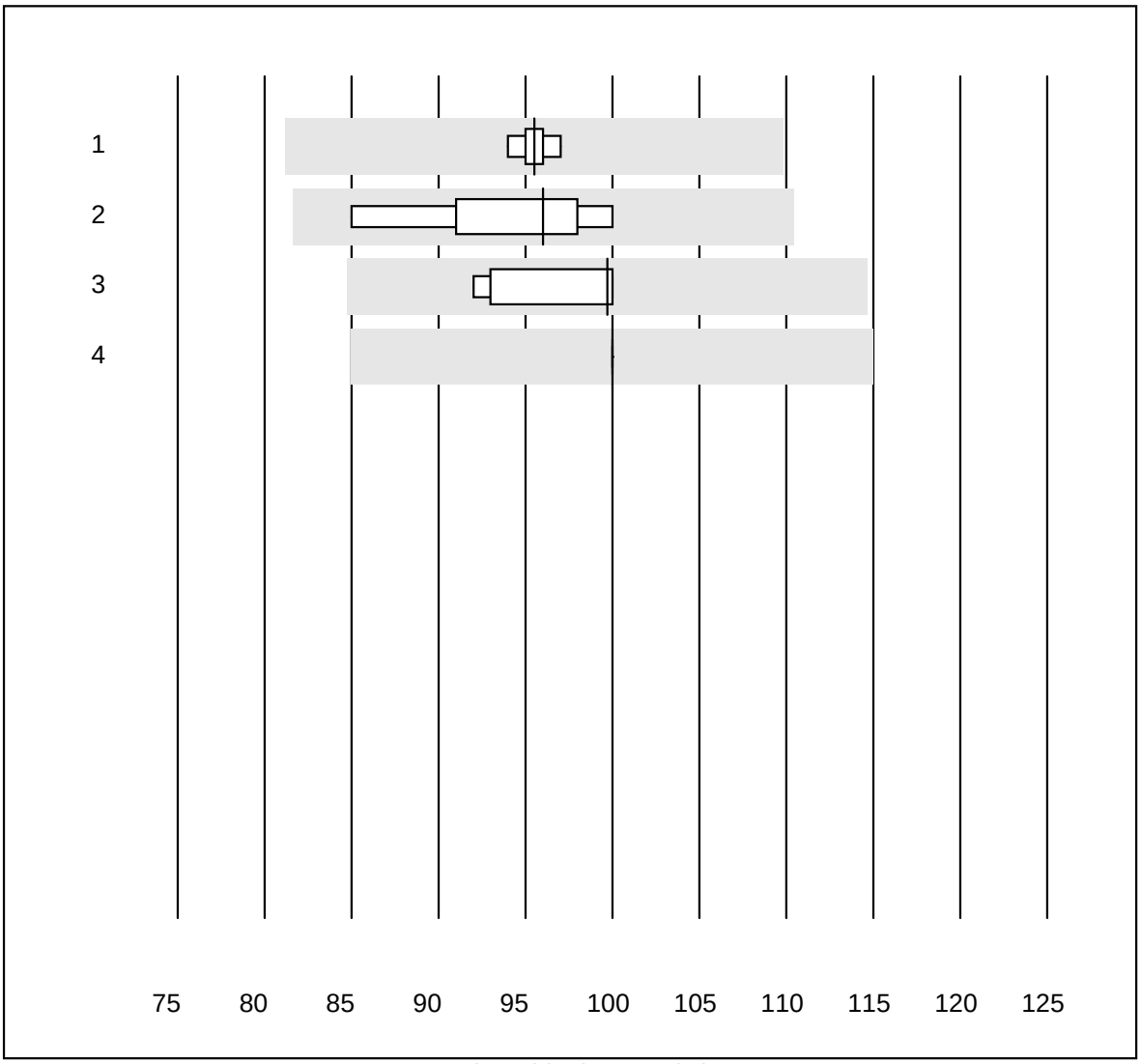


QUALAB tolerance : 25 %

Activated Prothrombin Time (Sek)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	15	100.0	0.0	0.0	44.1	9.5	e
2	Actin FS	8	75.0	25.0	0.0	42.8	14.6	e*
3	Stago/STA	6	100.0	0.0	0.0	49.6	4.0	e

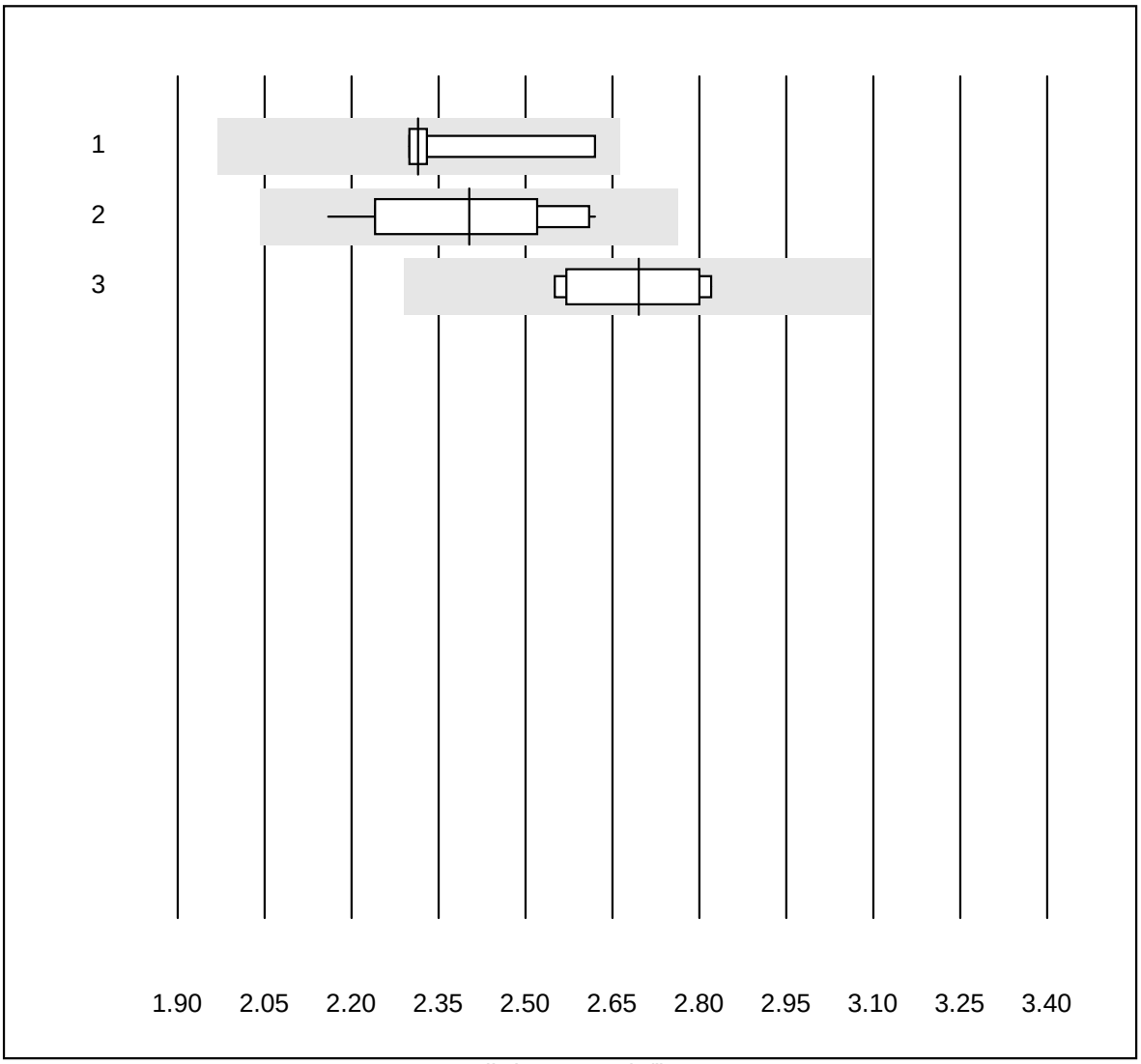
Prothrombin time NT



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	6	100.0	0.0	0.0	96	1.1	e
2	Innovin	9	100.0	0.0	0.0	96	5.3	e
3	all Participants	5	100.0	0.0	0.0	100	4.2	e*
4	Recombiplastin IL	6	100.0	0.0	0.0	100	0.0	e

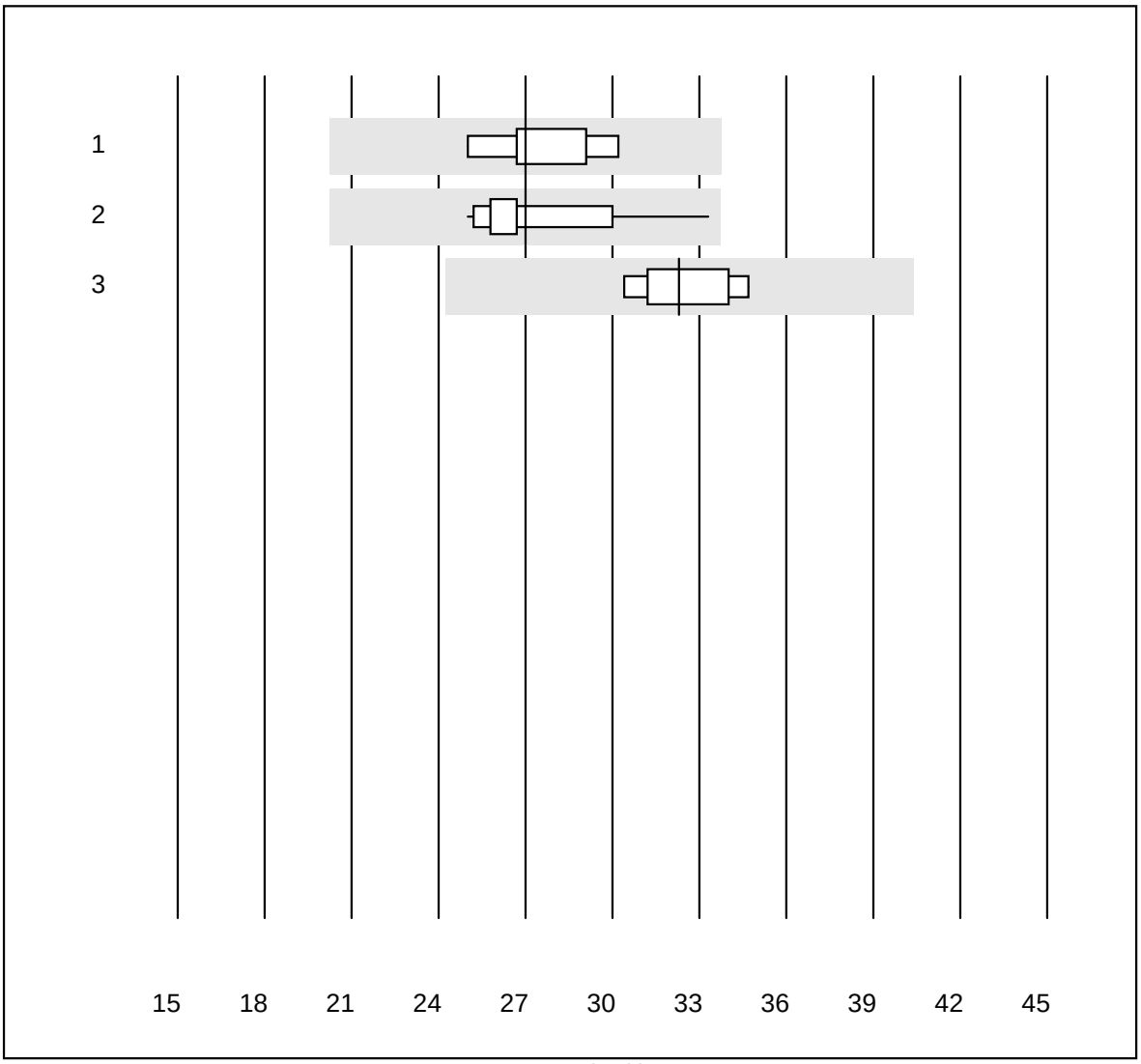
Fibrinogen N



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	4	100.0	0.0	0.0	2.32	6.5	e*
2	Other methods	12	100.0	0.0	0.0	2.40	7.1	e*
3	Stago/STA	8	100.0	0.0	0.0	2.70	3.8	e

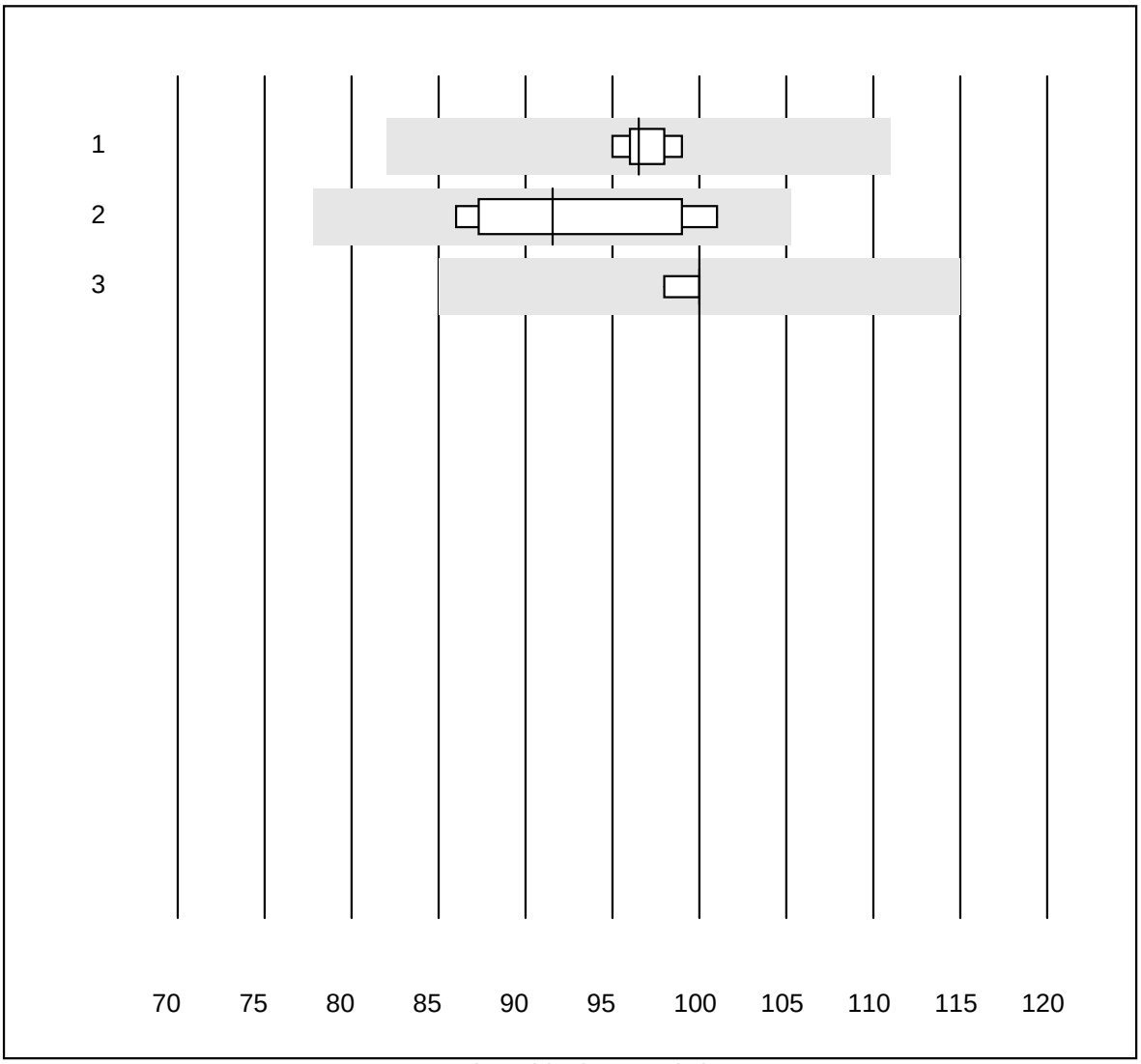
aPTT N



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	9	100.0	0.0	0.0	27.0	6.3	e
2	Other methods	13	100.0	0.0	0.0	27.0	8.7	e
3	Stago/STA	6	100.0	0.0	0.0	32.3	5.0	e

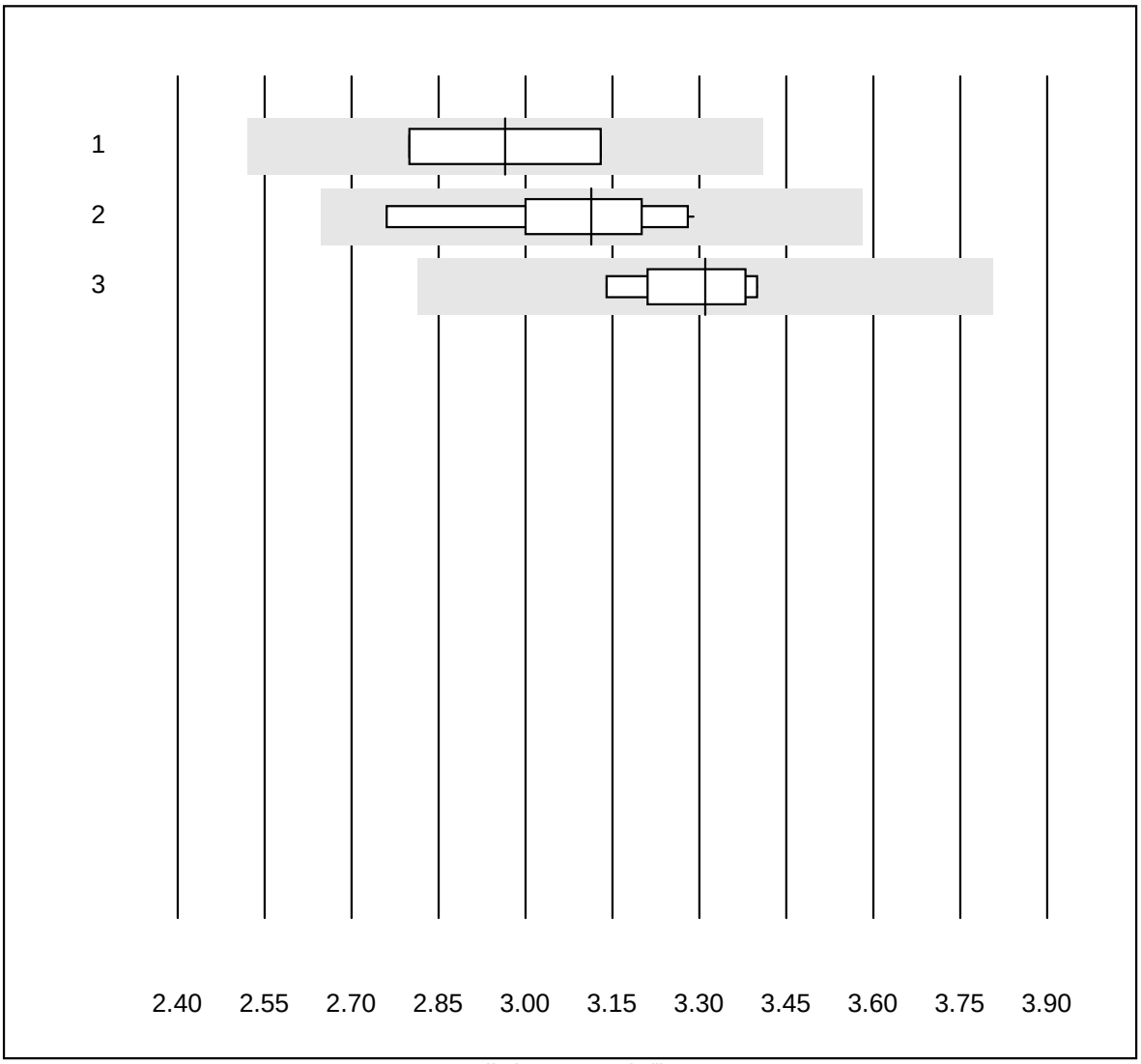
Prothrombin time HT



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	6	100.0	0.0	0.0	97	1.5	e
2	Innovin	8	100.0	0.0	0.0	92	6.6	e*
3	Recombiplastin IL	5	100.0	0.0	0.0	100	0.9	e

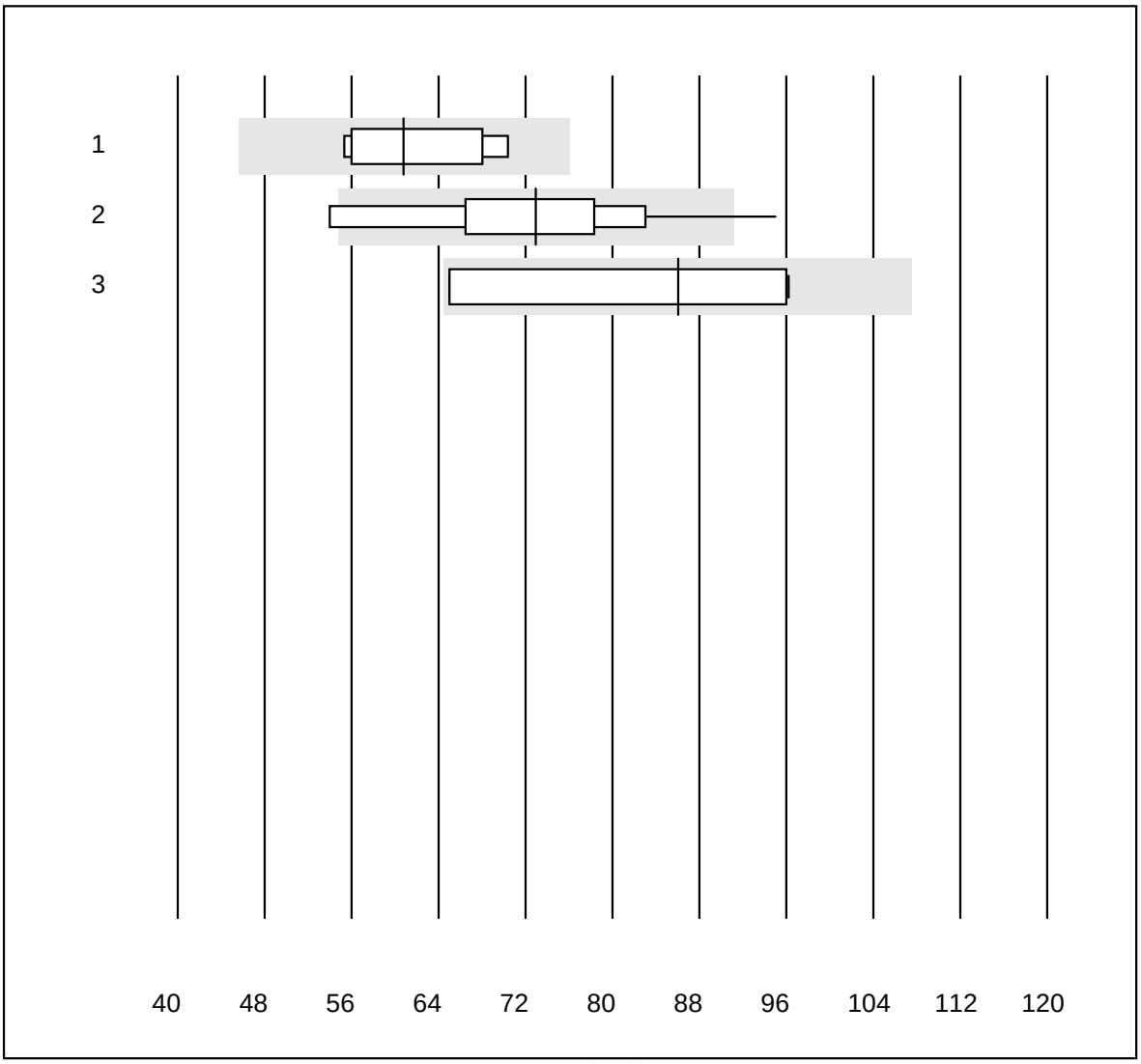
Fibrinogen H



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	4	75.0	0.0	25.0	2.97	6.5	e*
2	Other methods	10	100.0	0.0	0.0	3.11	5.4	e
3	Stago/STA	6	100.0	0.0	0.0	3.31	3.0	e

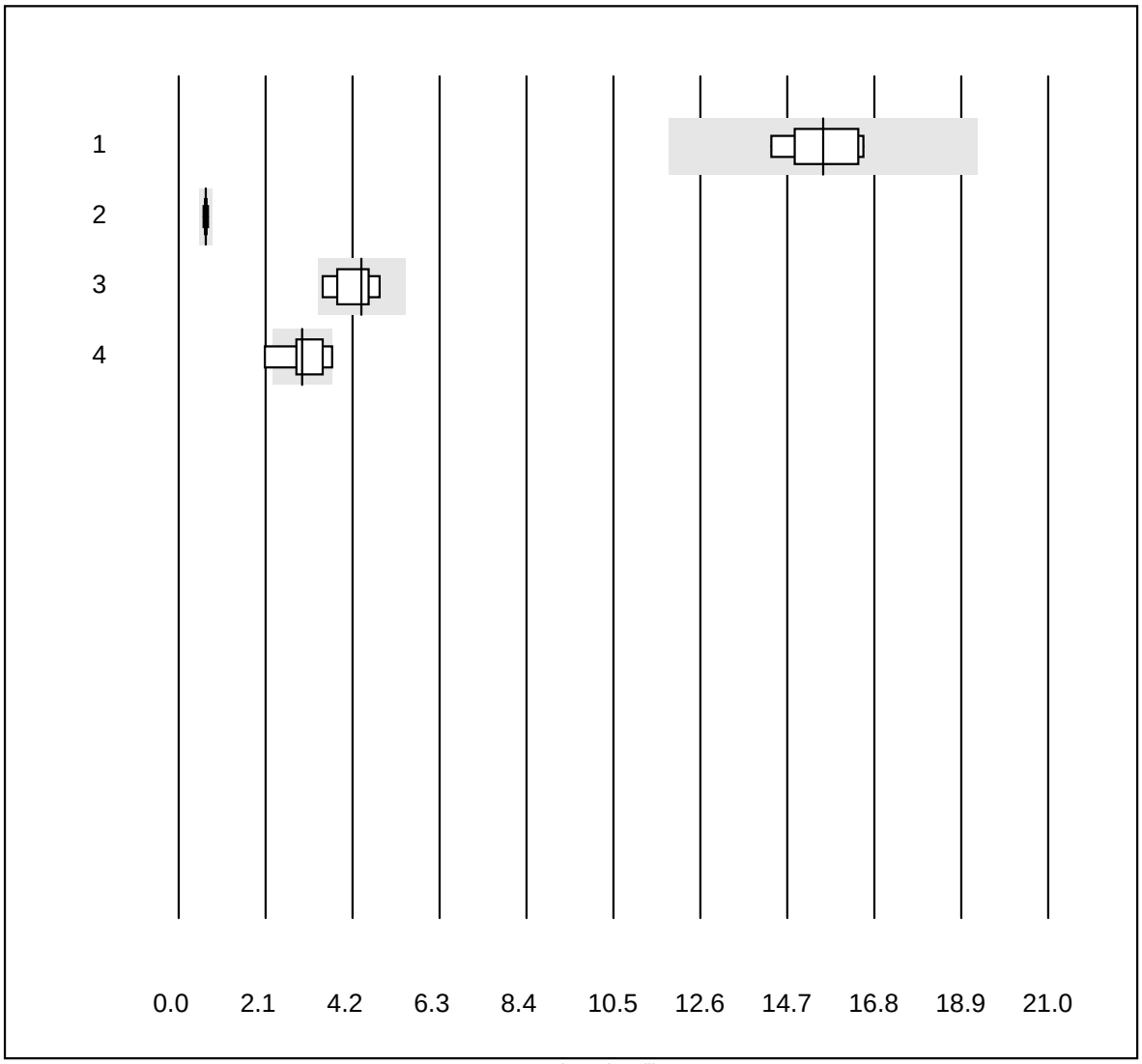
aPTT H



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	7	100.0	0.0	0.0	60.8	9.5	e*
2	Other methods	10	80.0	20.0	0.0	72.9	16.9	e*
3	Stago/STA	4	100.0	0.0	0.0	86.1	18.5	e*

Troponin I

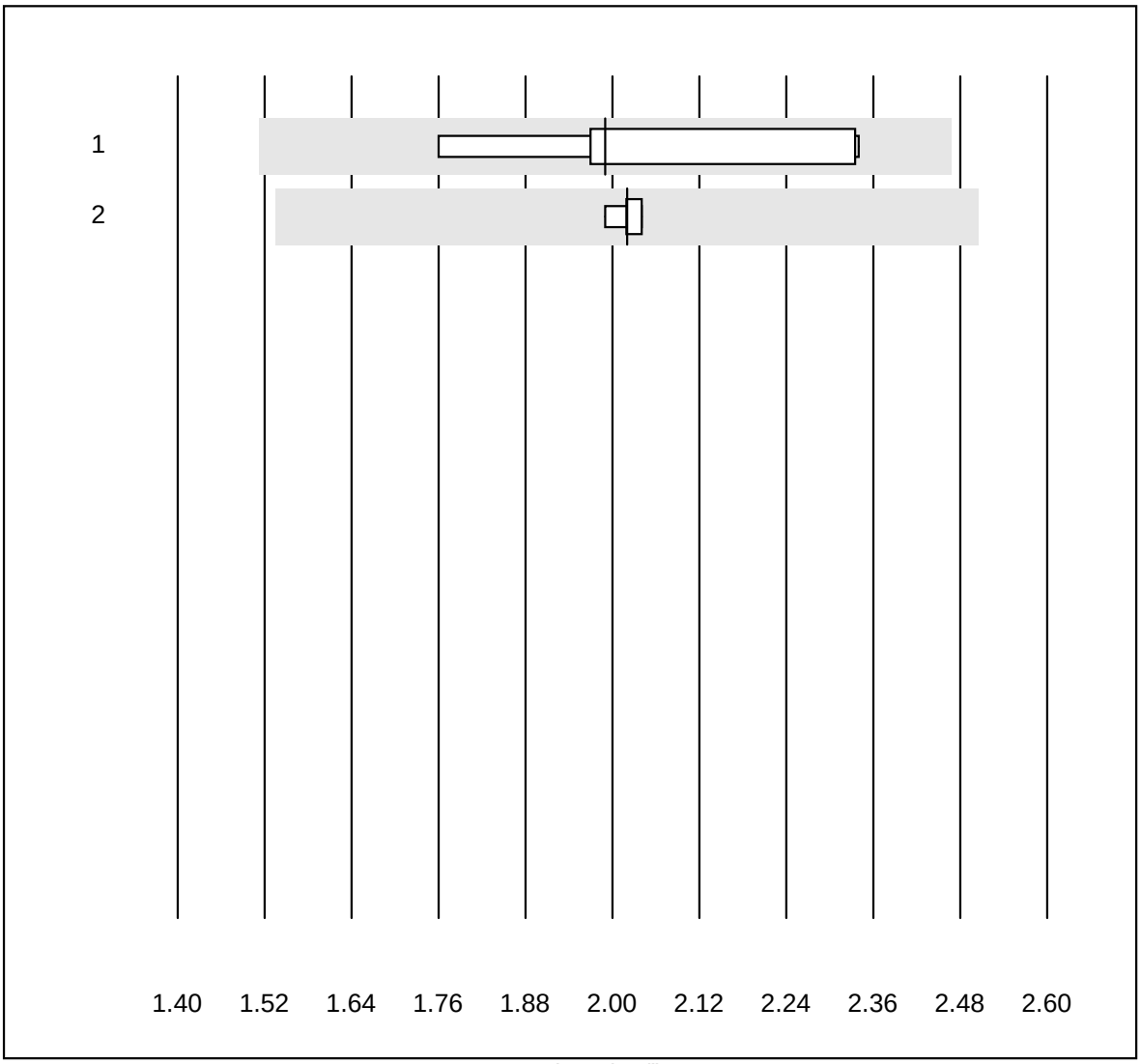


QUALAB tolerance : 24 %

Troponin I (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Vidas	6	100.0	0.0	0.0	15.6	5.7	e
2	AQT 90 FLEX	5	100.0	0.0	0.0	0.7	6.4	e
3	ADVIA Centaur XP/CP	6	100.0	0.0	0.0	4.4	12.1	e*
4	Eurolyser	11	45.4	9.1	45.5	3.0	18.8	e*

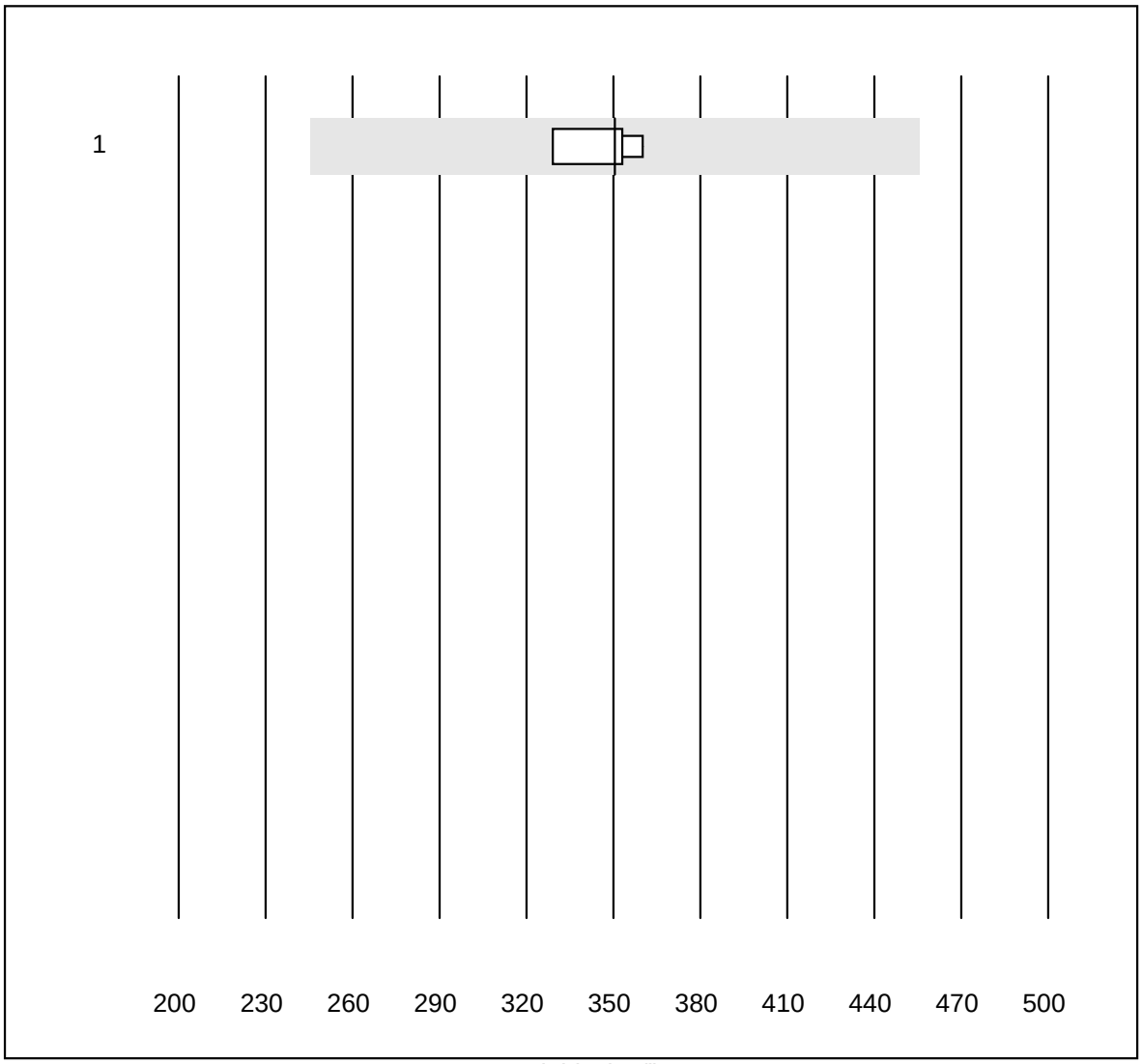
Troponin T



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas hs	5	100.0	0.0	0.0	1.99	12.1	e*
2	Cobas hs STAT	5	100.0	0.0	0.0	2.02	1.0	e

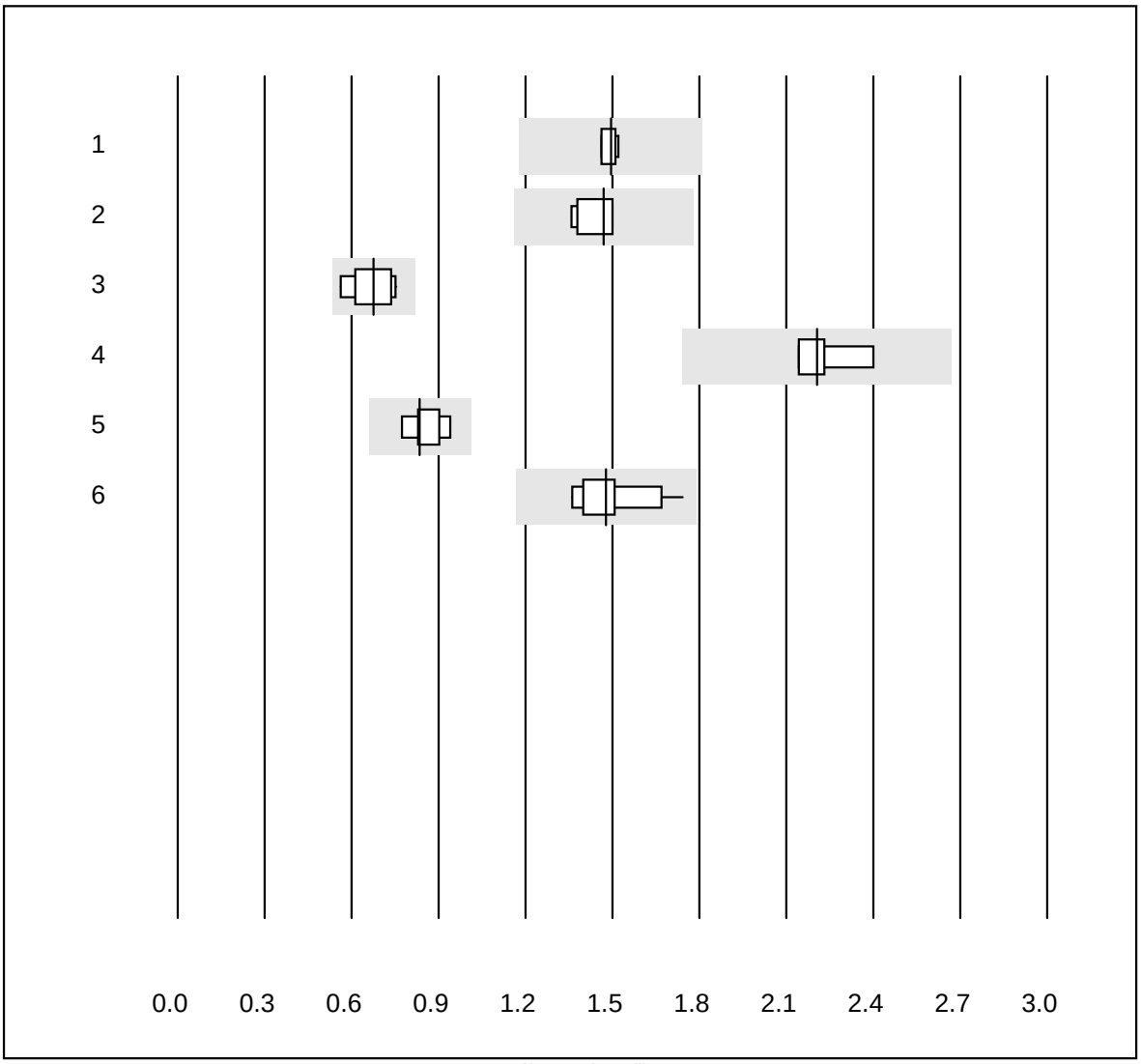
Myoglobin



QUALAB tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	350.5	3.8	e

D-dimer

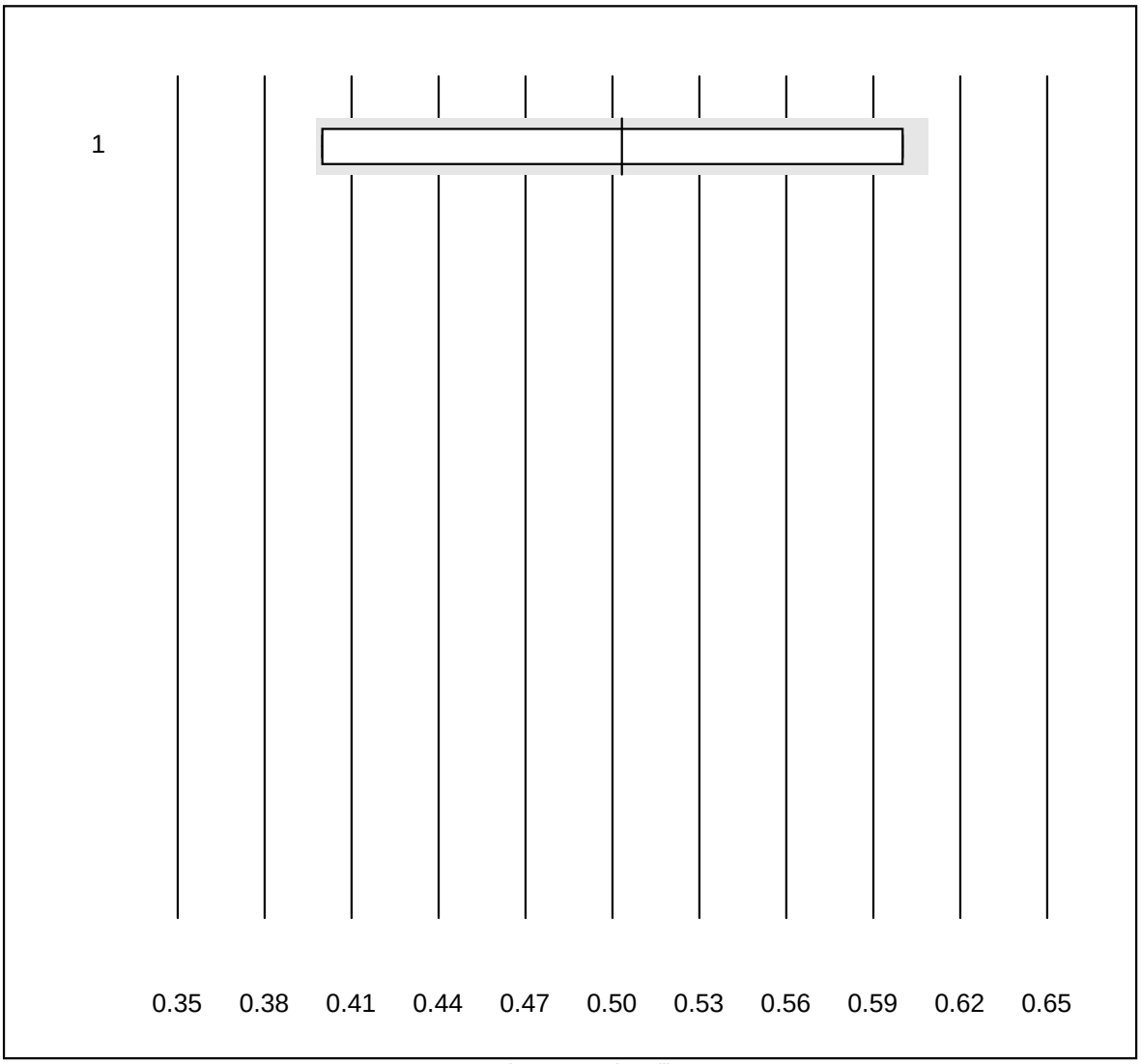


QUALAB tolerance : 21 %

D-dimer (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas (Zitratplasma)	4	100.0	0.0	0.0	1.50	1.8	e
2	STA Liatest	7	100.0	0.0	0.0	1.47	4.1	e
3	Eurolyser	20	85.0	0.0	15.0	0.68	10.3	e
4	ACL	4	100.0	0.0	0.0	2.21	5.1	e*
5	AQT 90 FLEX	6	100.0	0.0	0.0	0.84	7.1	e*
6	Vidas	10	100.0	0.0	0.0	1.48	8.6	e*

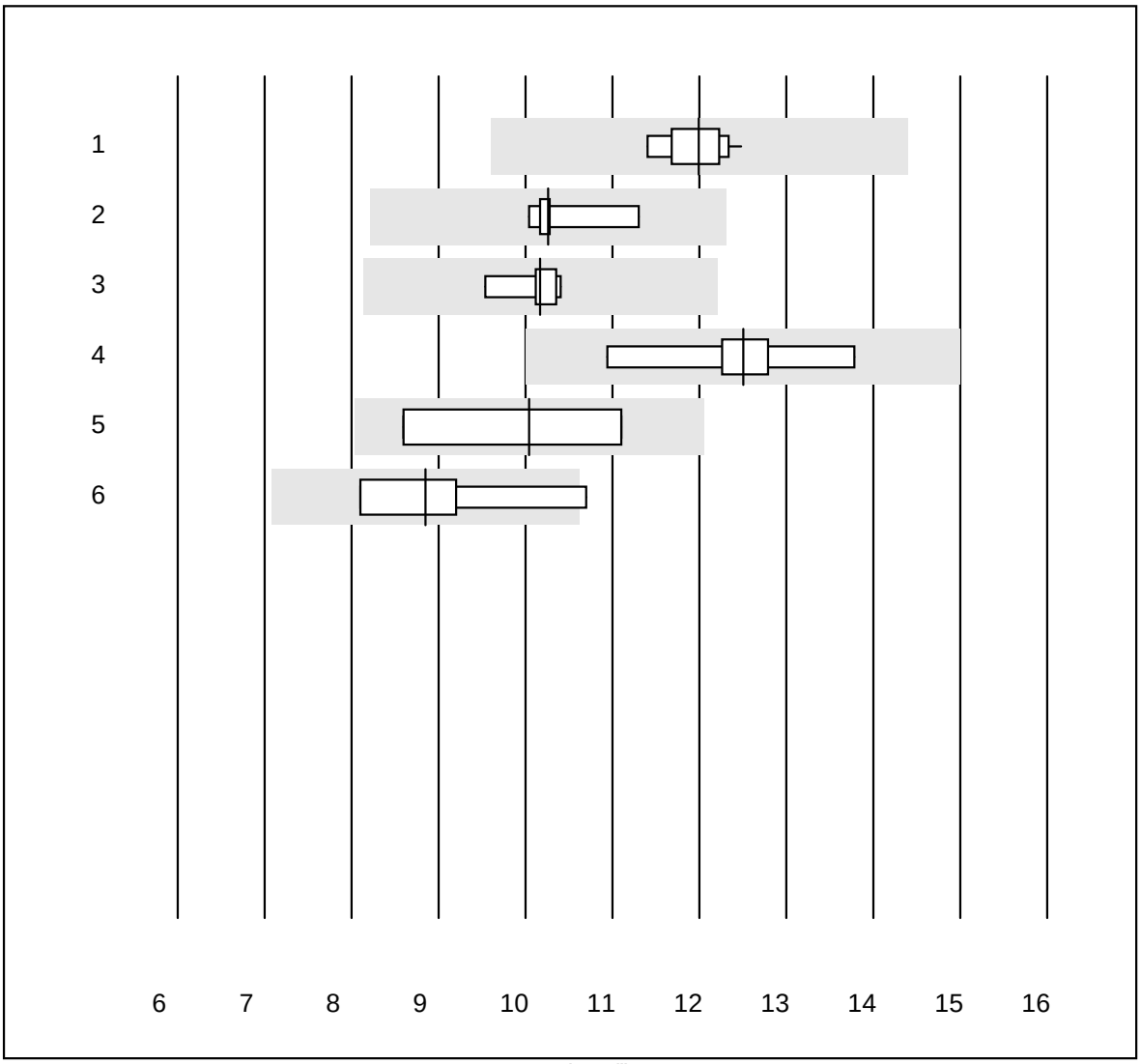
D-Dimer NC



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	NycoCard	50	62.0	0.0	38.0	0.50	14.9	e

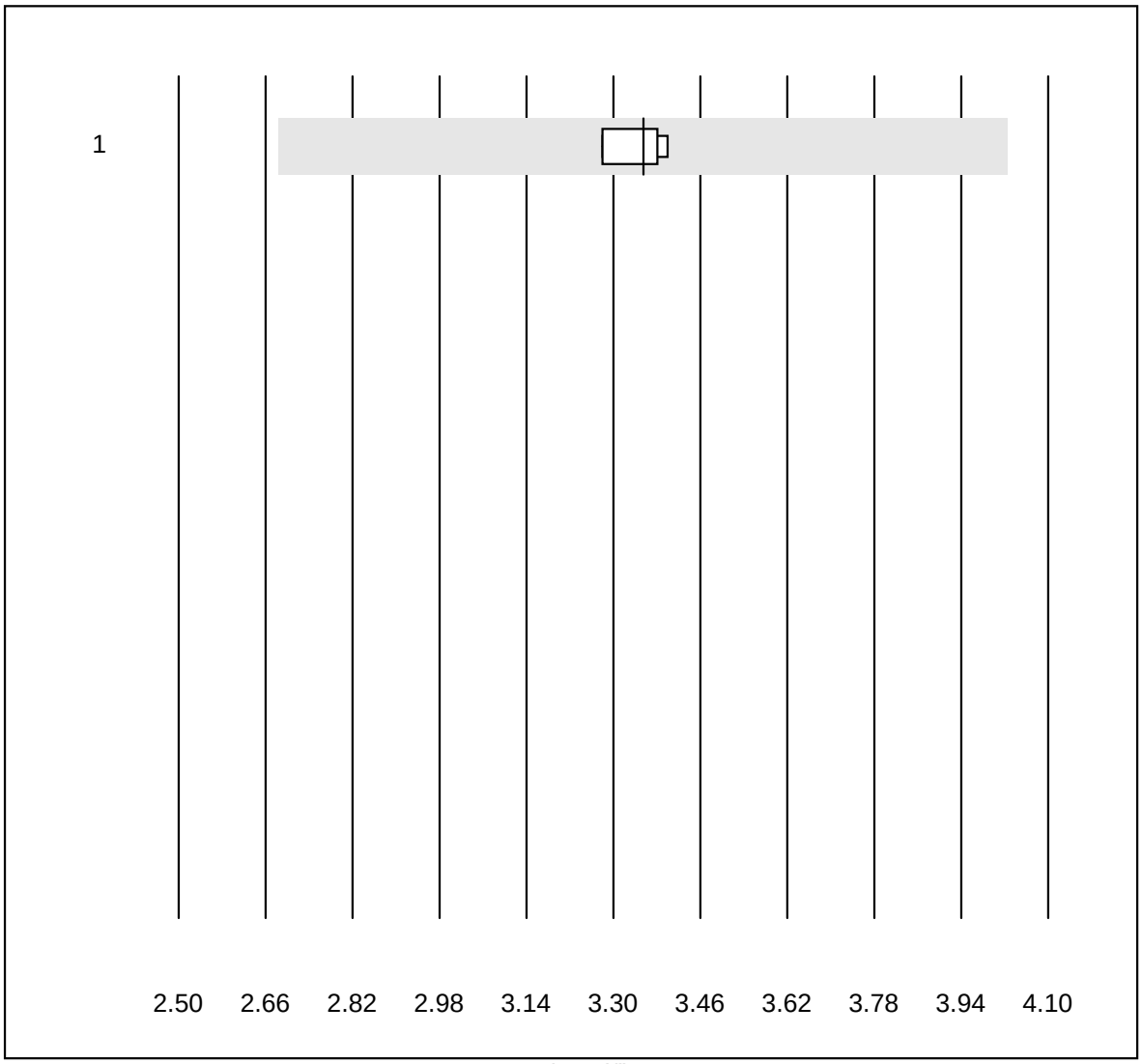
TSH



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	10	100.0	0.0	0.0	12.0	3.0	e
2	ADVIA Centaur XP/CP	5	100.0	0.0	0.0	10.3	4.9	e
3	Architect	7	100.0	0.0	0.0	10.2	2.8	e
4	Vidas	9	100.0	0.0	0.0	12.5	6.6	e
5	Other methods	4	75.0	0.0	25.0	10.0	14.1	e*
6	Qualigen	4	75.0	25.0	0.0	8.9	12.5	e*

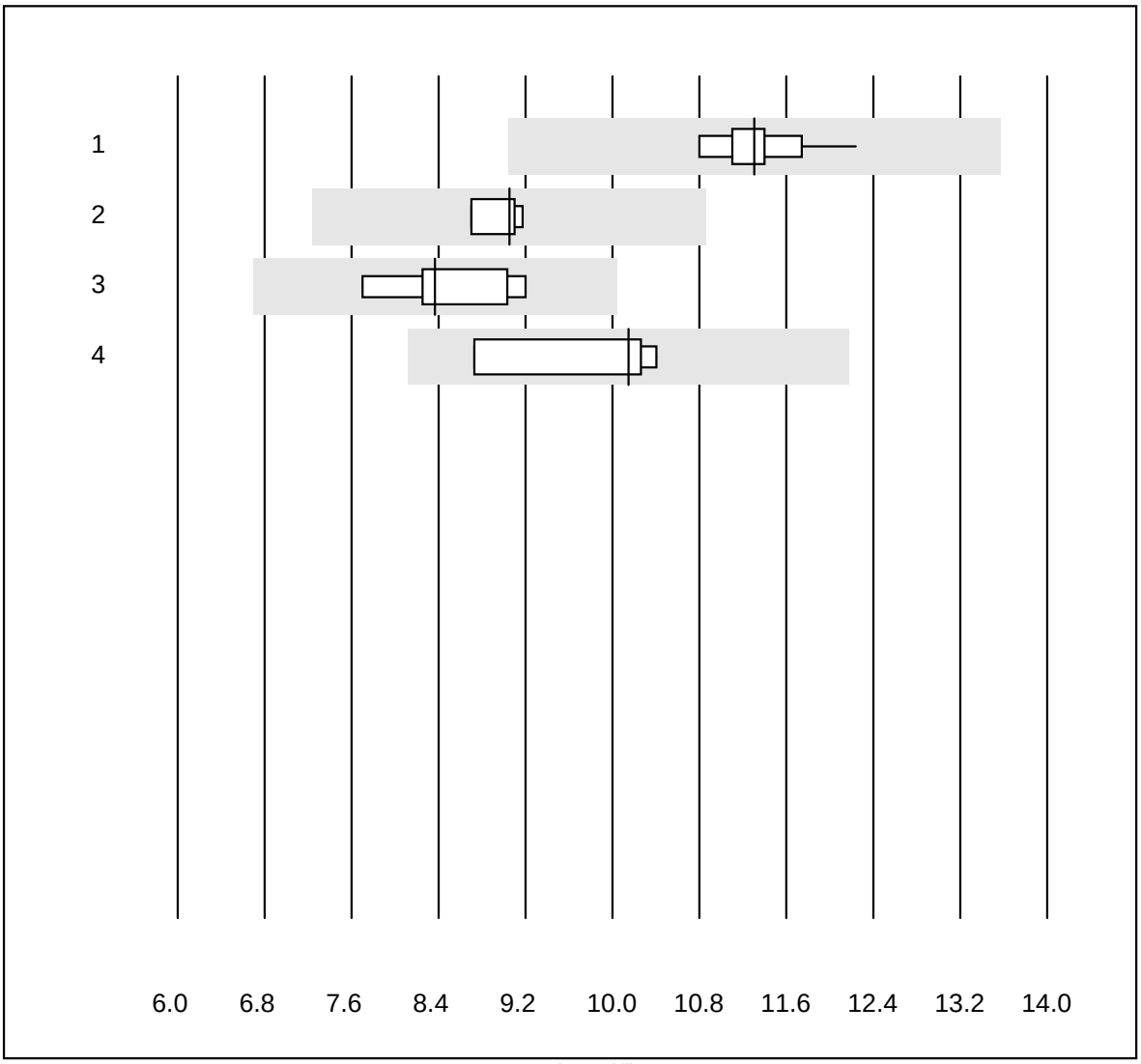
T3



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	3.4	1.6	e

FT3

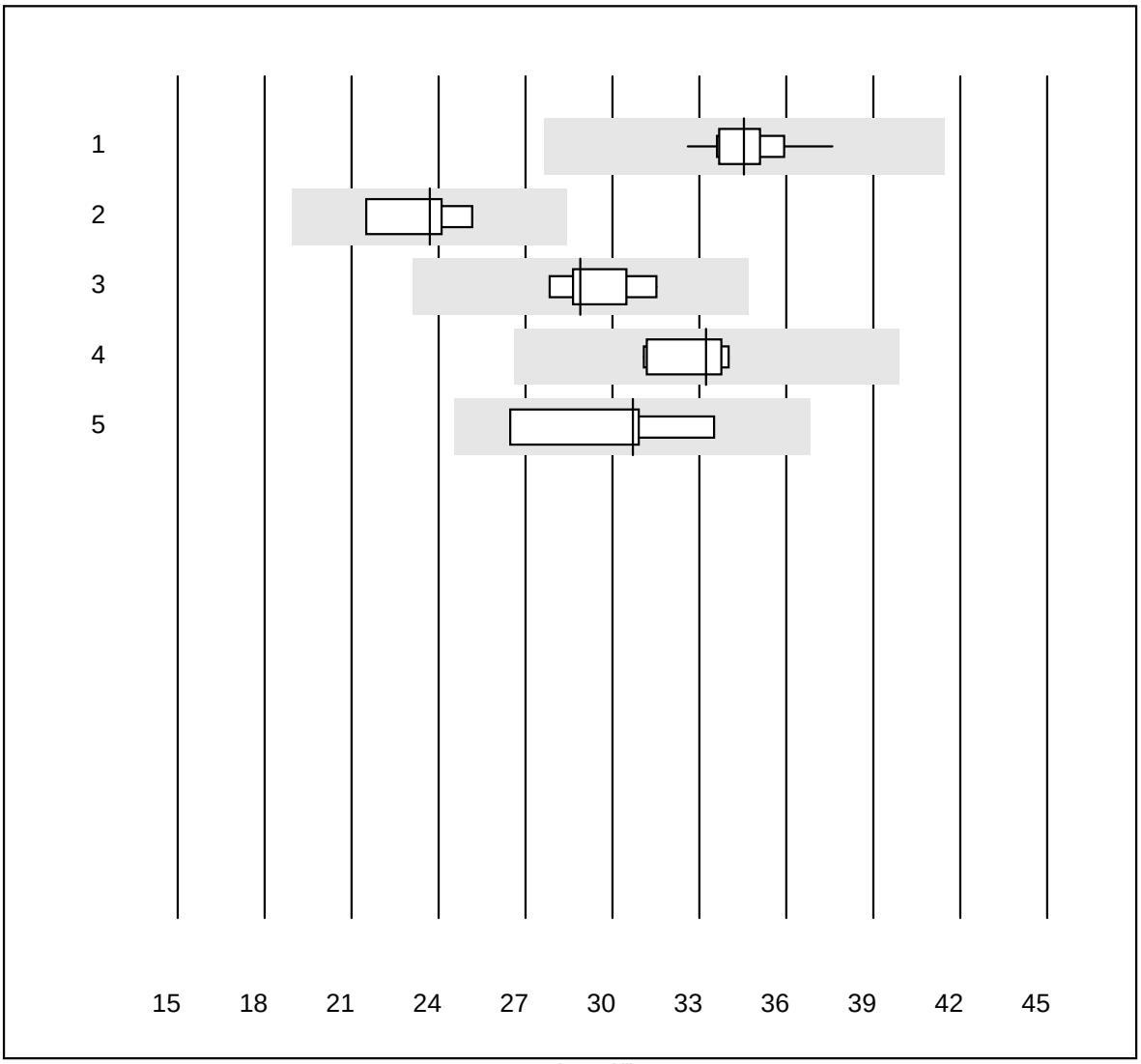


QUALAB tolerance : 20 %

FT3 (pmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	10	100.0	0.0	0.0	11.3	3.7	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	9.1	2.3	e
3	Architect	6	100.0	0.0	0.0	8.4	6.5	e*
4	Vidas	4	100.0	0.0	0.0	10.2	7.8	e*

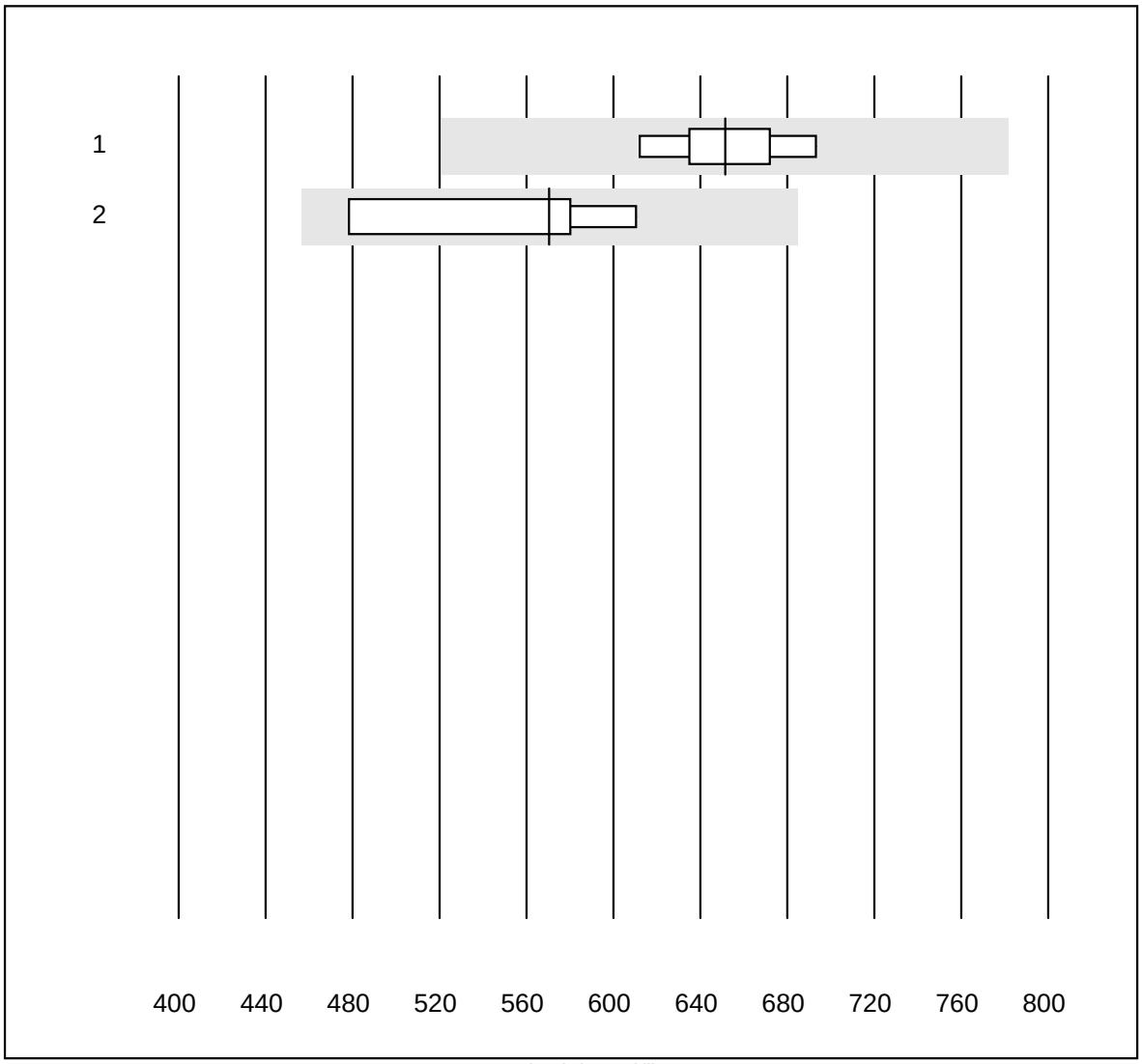
FT4



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	11	100.0	0.0	0.0	34.5	3.9	e
2	ADVIA Centaur XP	4	100.0	0.0	0.0	23.7	6.6	e*
3	Architect	7	100.0	0.0	0.0	28.9	4.3	e
4	Vidas	6	100.0	0.0	0.0	33.2	3.9	e
5	Other methods	4	100.0	0.0	0.0	30.7	9.6	e*

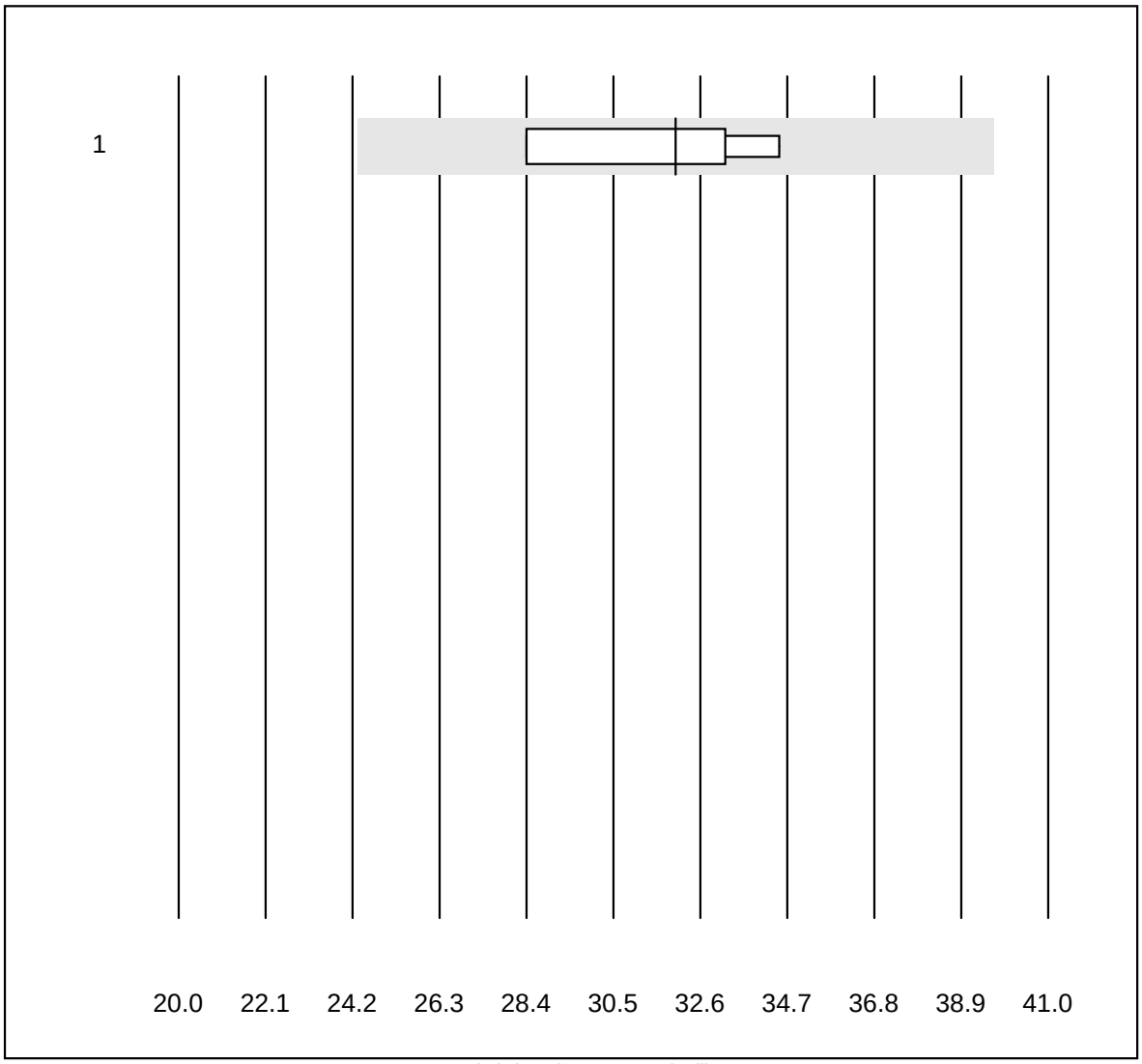
Cortisol



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	651	4.3	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	571	10.2	e*

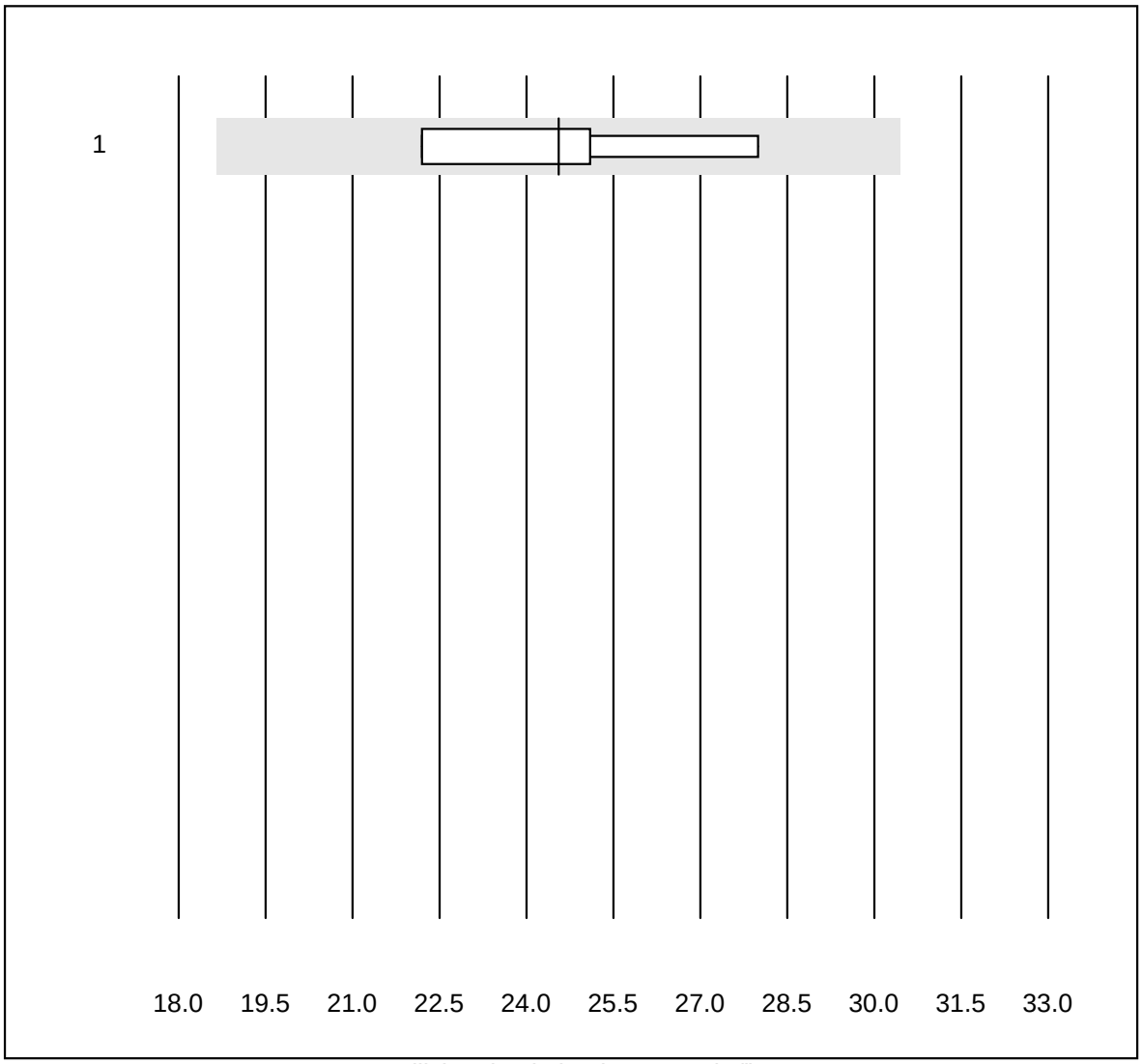
Luteinizing hormone



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	32.0	8.5	e*

Follicle-stimulating hormone

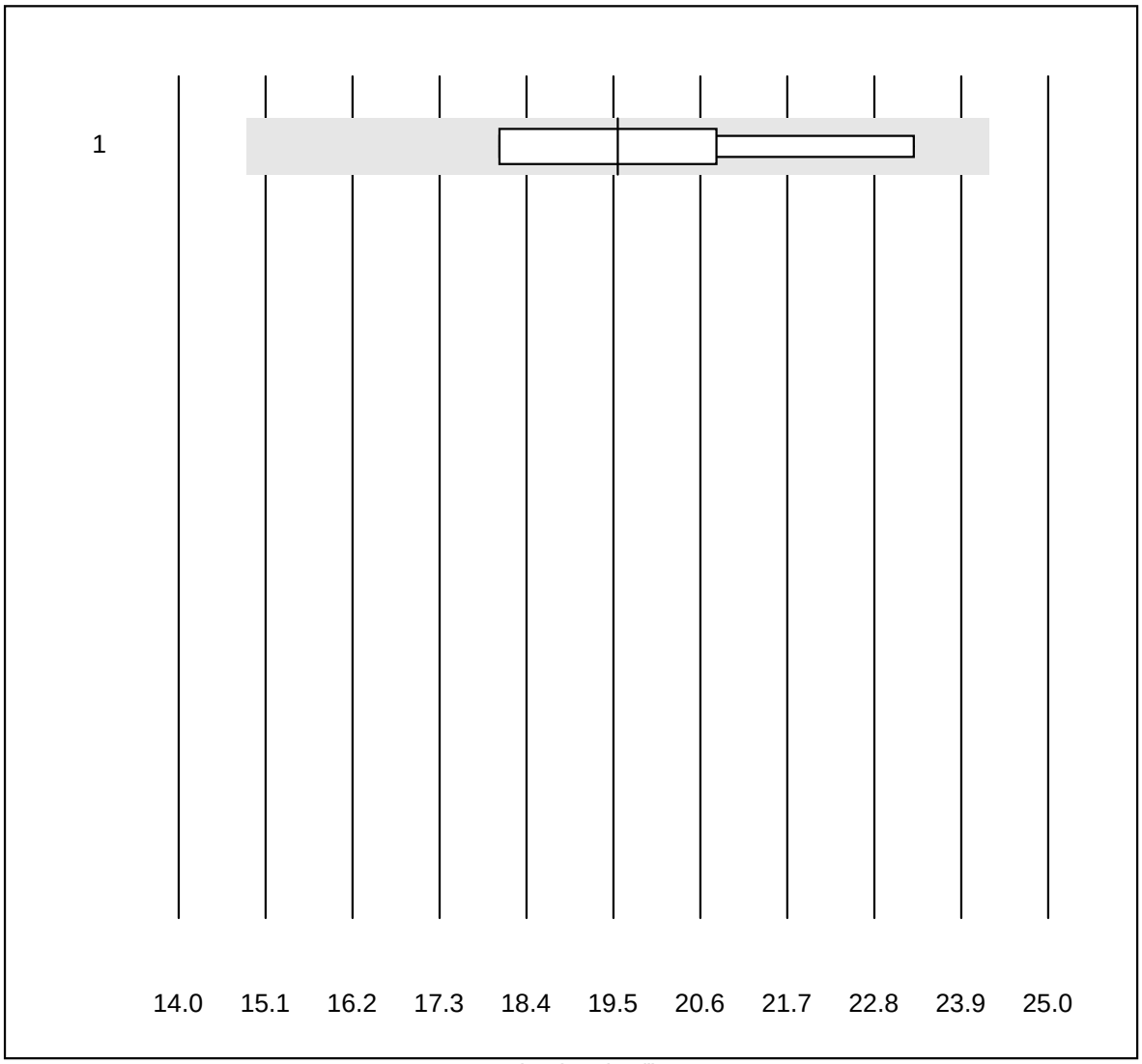


QUALAB tolerance : 24 %

Follicle-stimulating hormone (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	24.6	9.8	e*

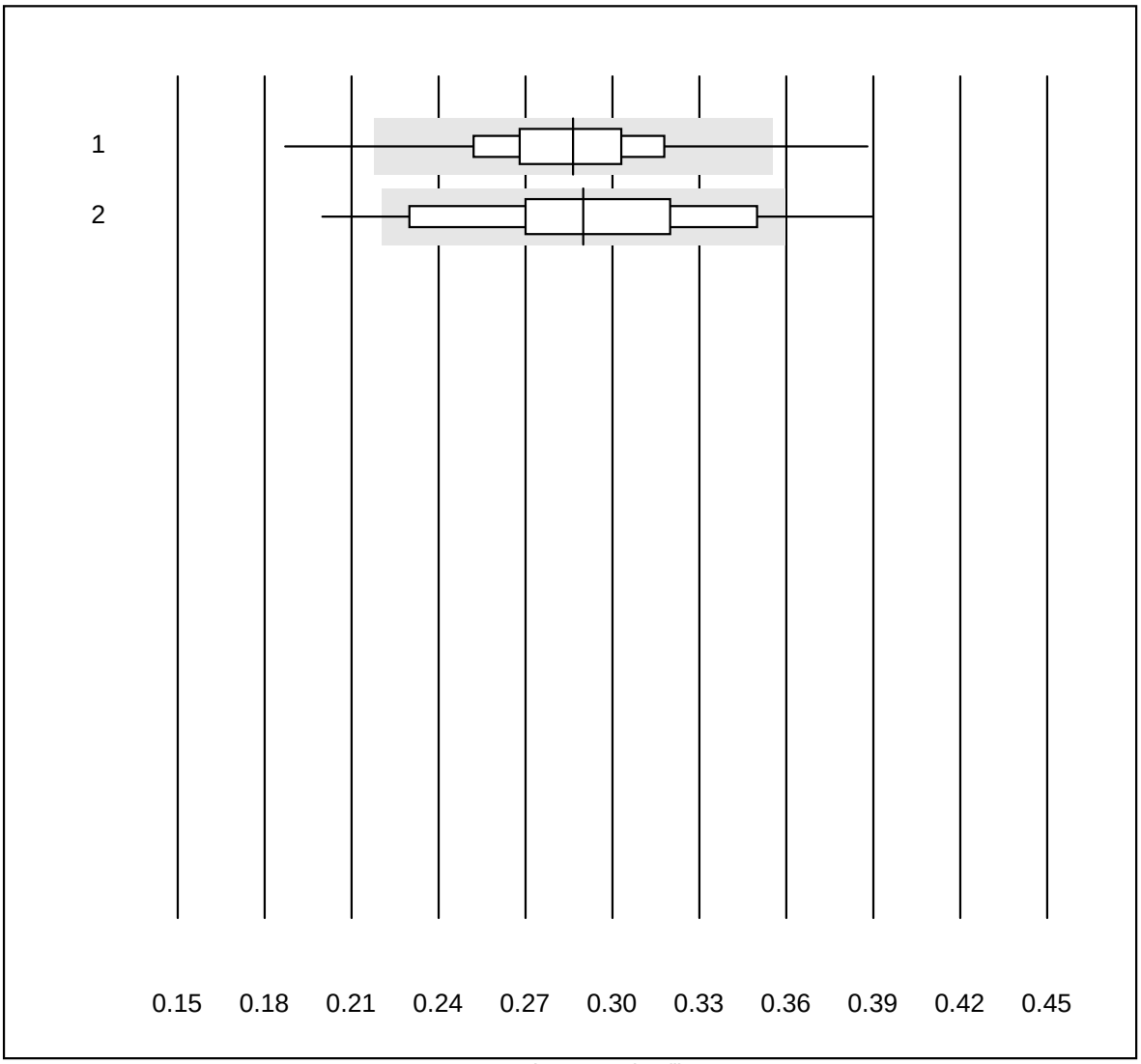
Prolactine



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	19.6	12.2	e*

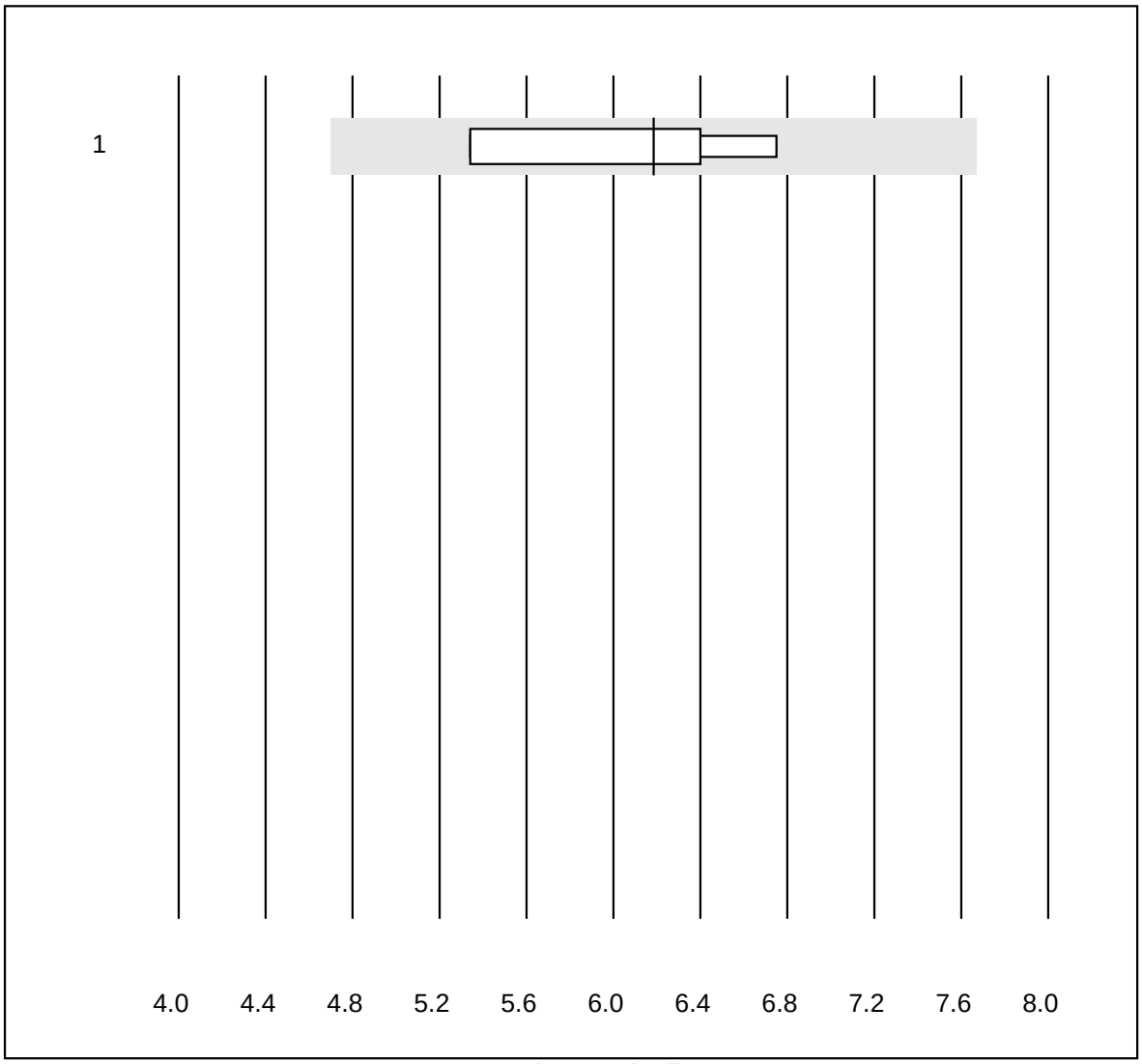
Troponin T CR



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	746	97.4	1.9	0.7	0.29	9.5	e
2	Cardiac Reader	67	83.6	14.9	1.5	0.29	14.1	e

Troponin I WB

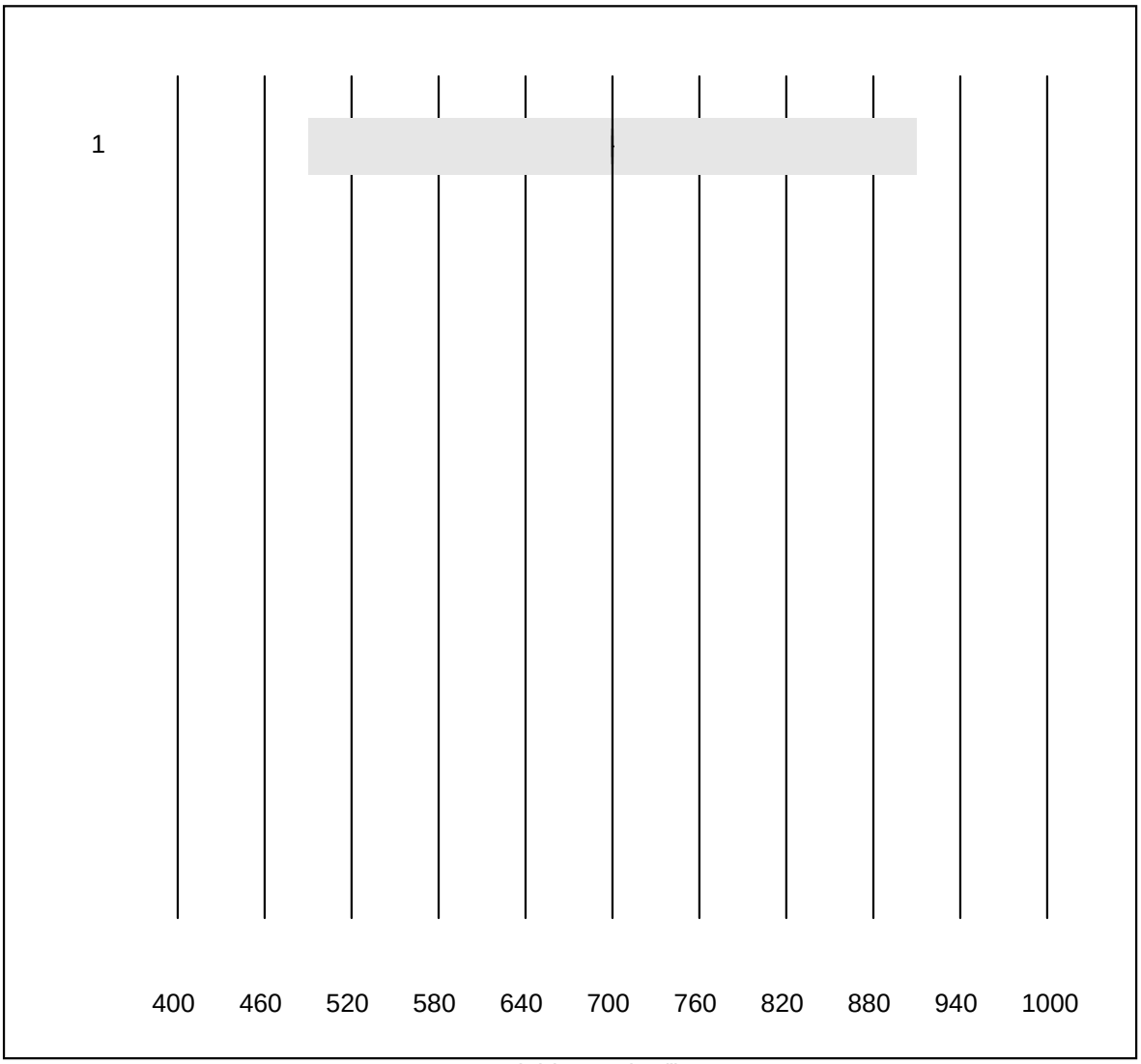


QUALAB tolerance : 24 %

Troponin I WB (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	iStat	4	100.0	0.0	0.0	6.19	9.9	e*

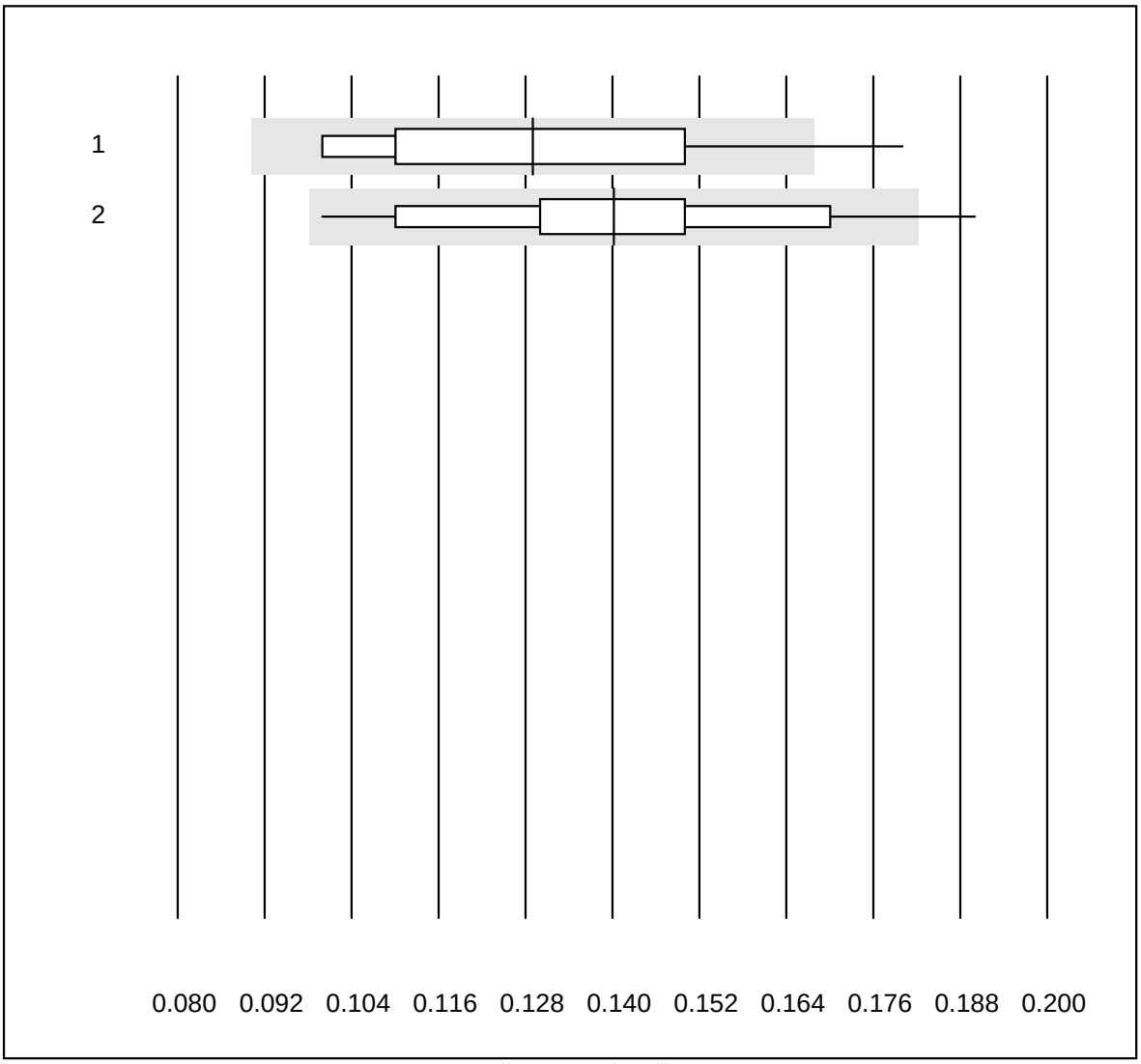
Myoglobin CR



QUALAB tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	4	100.0	0.0	0.0	700.0	0.0	e

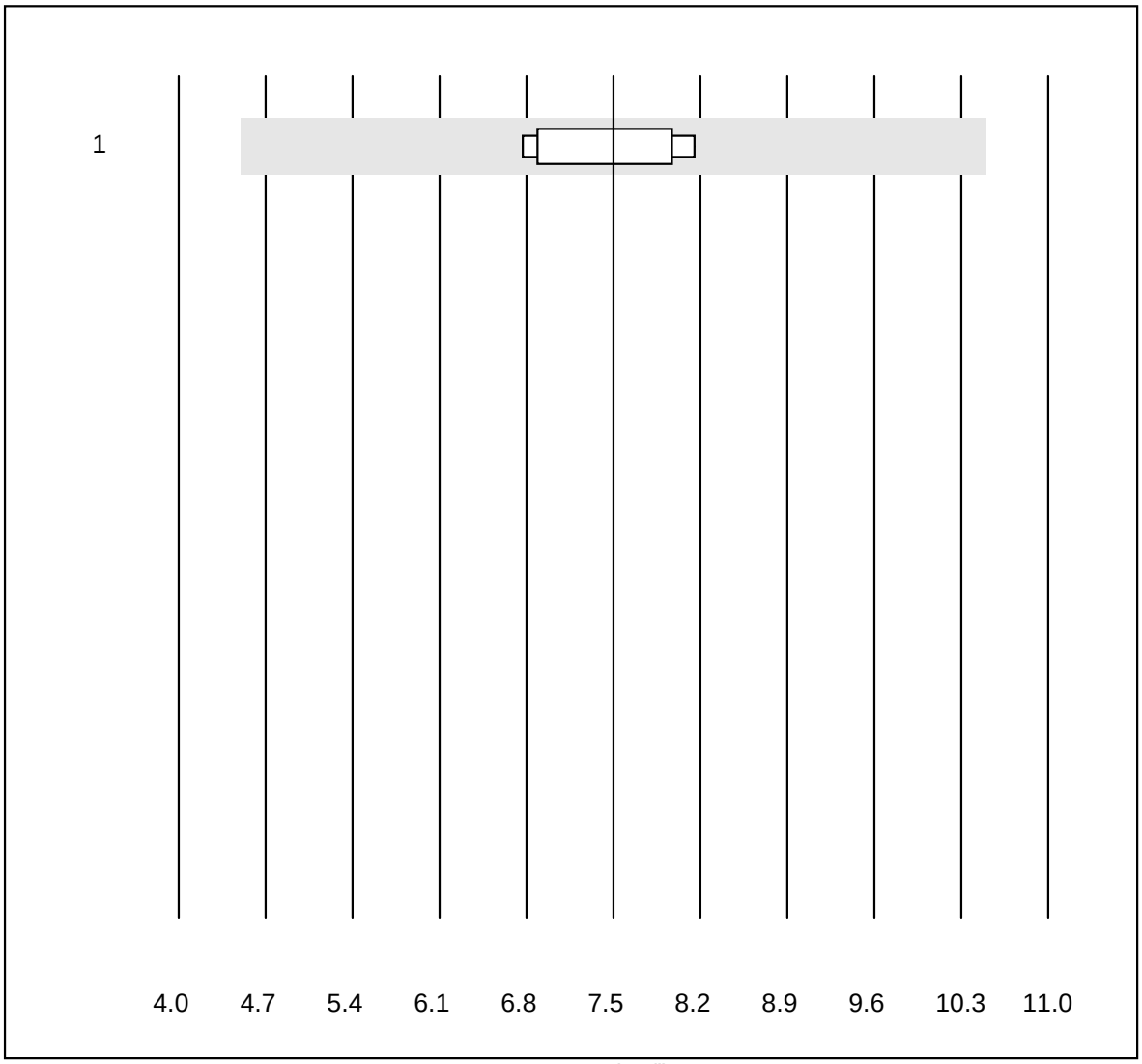
D-dimer CR



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	766	96.7	2.1	1.2	0.13	14.9	a
2	Cardiac Reader	60	98.3	1.7	0.0	0.14	15.0	a

CKMB - K8

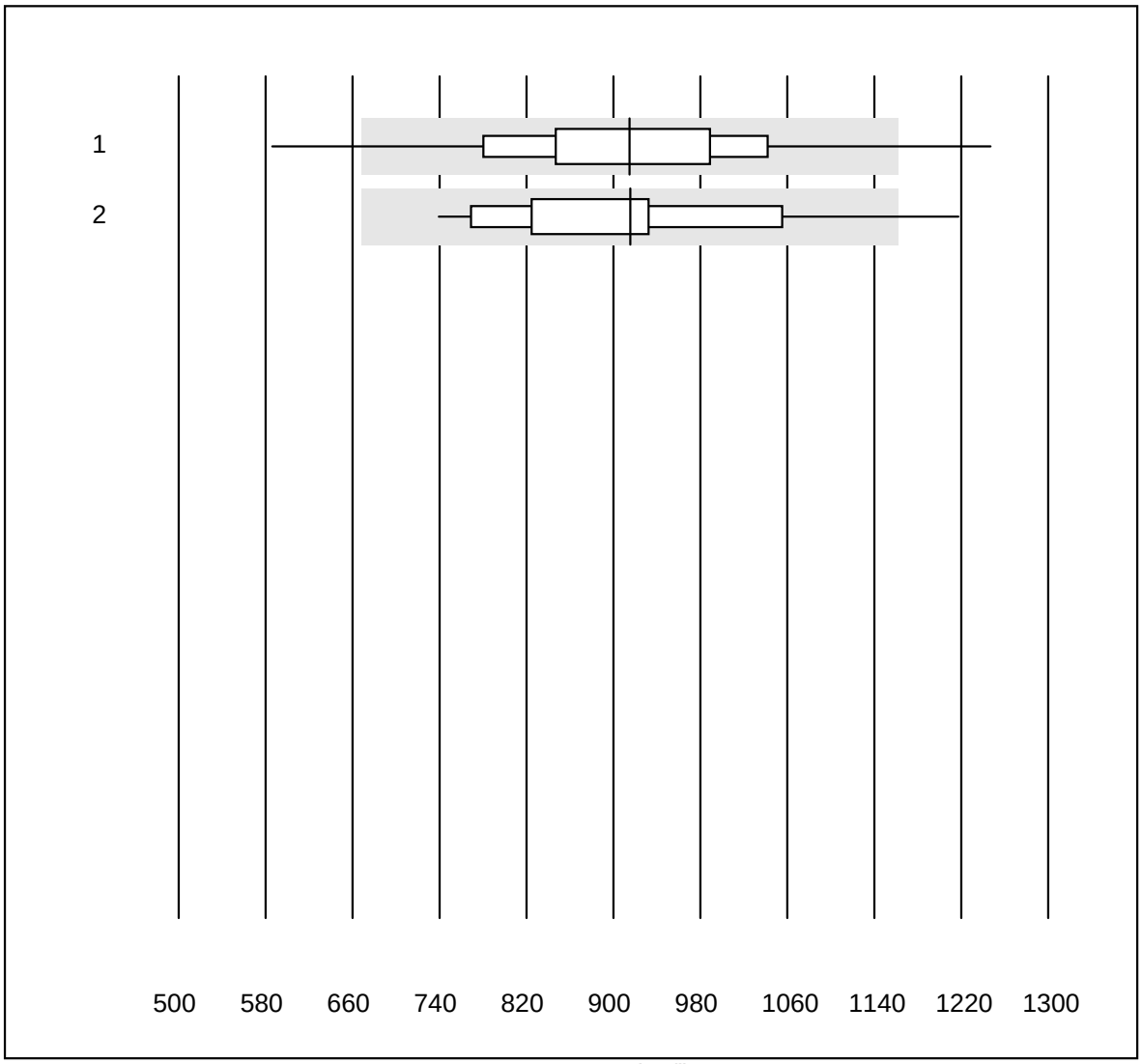


QUALAB tolerance : 40 %

CKMB - K8 (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	7	100.0	0.0	0.0	7.5	6.9	e

NT-proBNP CR

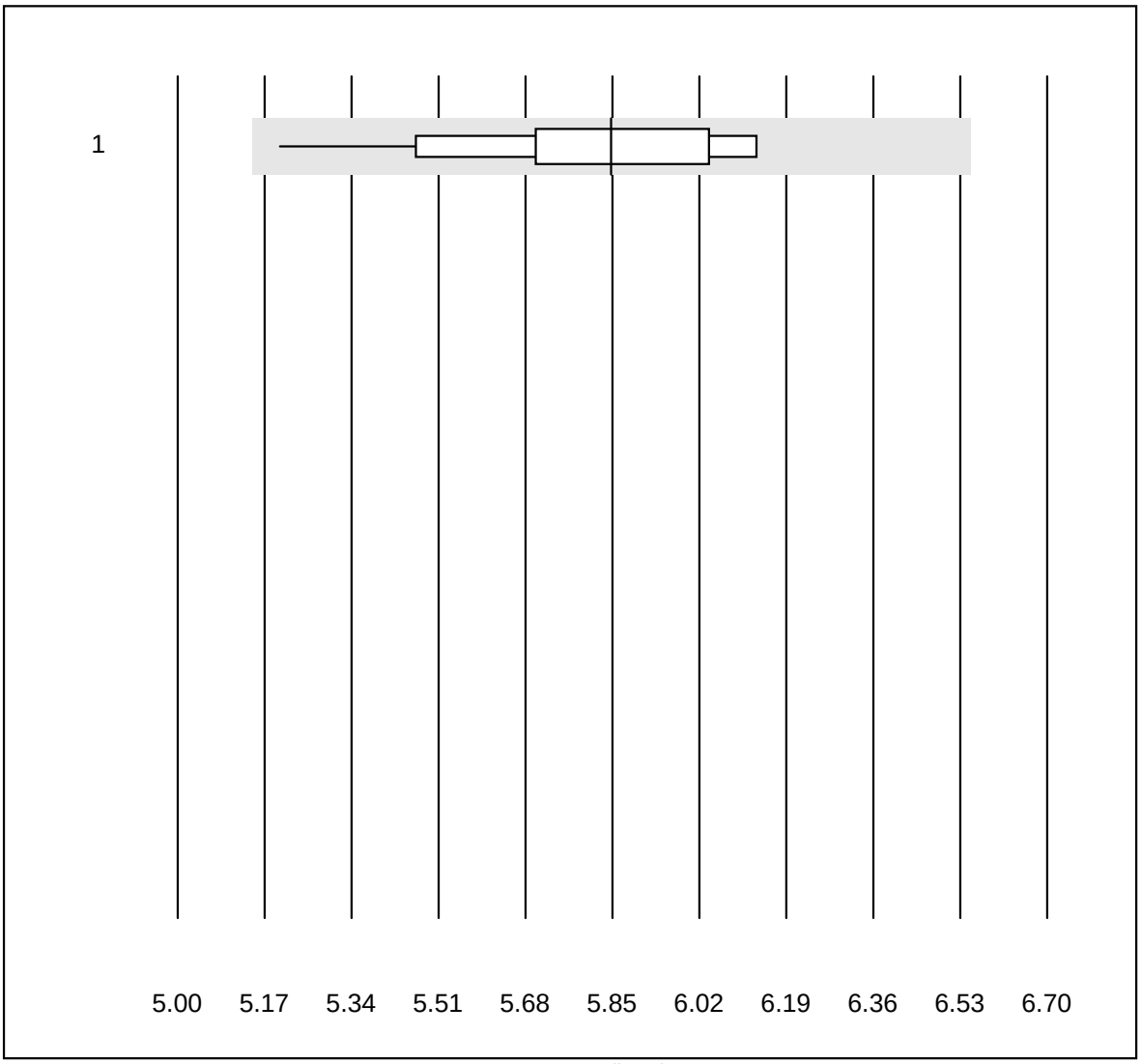


QUALAB tolerance : 27 %

NT-proBNP CR (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	478	95.4	3.6	1.0	915	12.0	e
2	Cardiac Reader	22	81.8	9.1	9.1	915	13.8	e

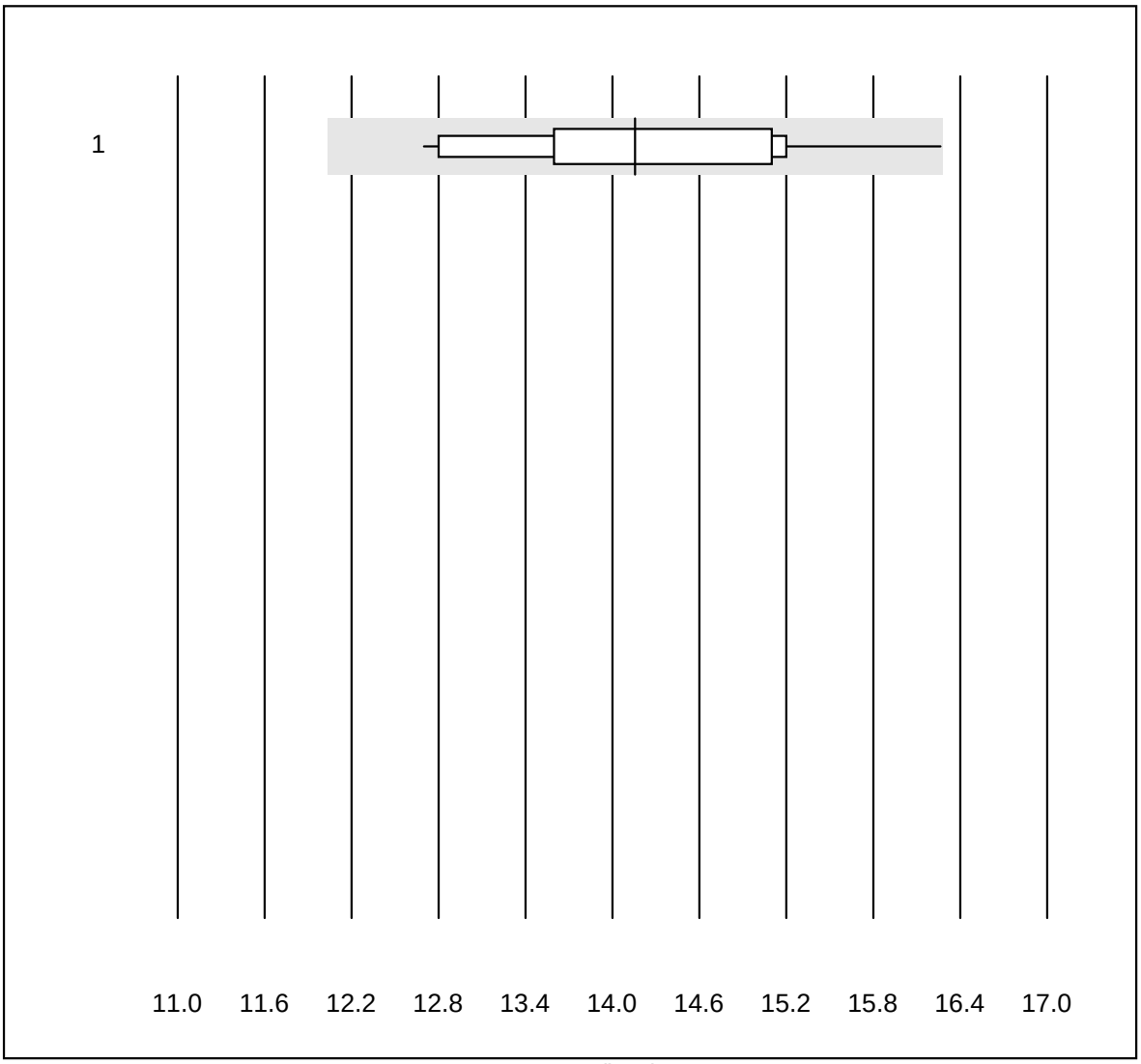
PCO2 CCA



QUALAB tolerance : 12 %

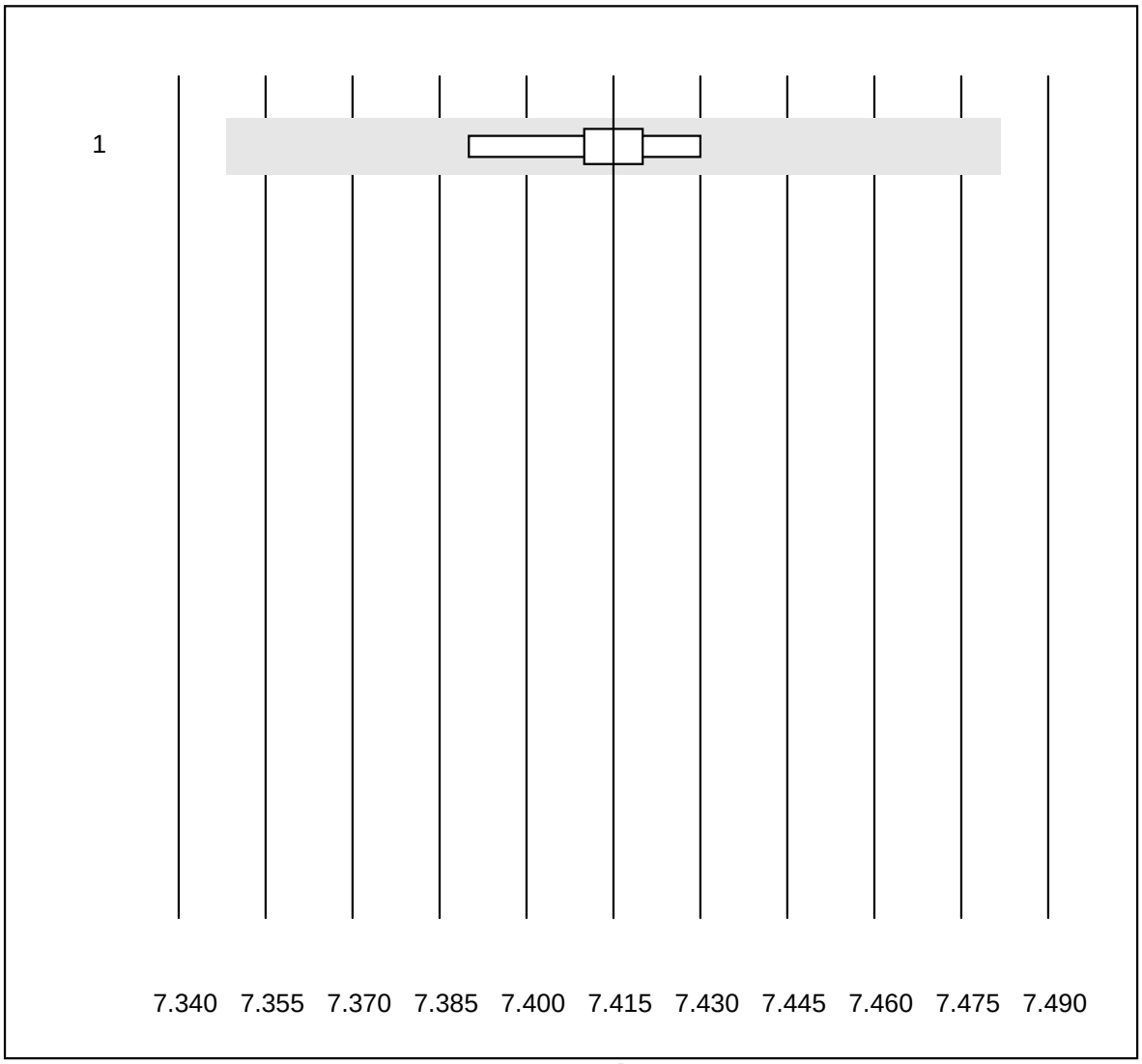
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	14	100.0	0.0	0.0	5.85	4.6	e

PO2 CCA



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	14	92.9	0.0	7.1	14.16	7.3	e*

pH CCA

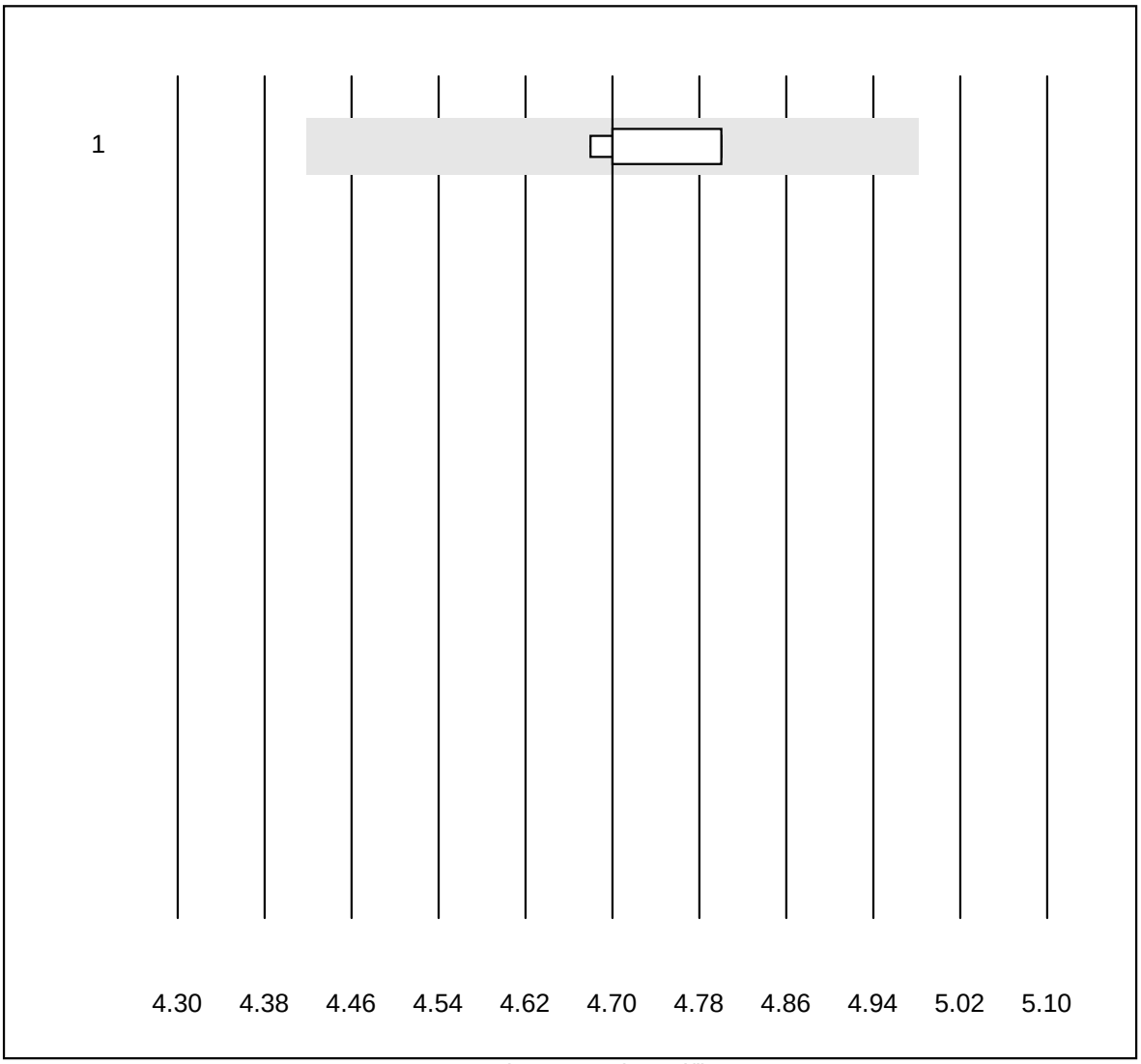


QUALAB tolerance : 1 %

pH CCA ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	14	100.0	0.0	0.0	7.42	0.2	e

Potassium CCA

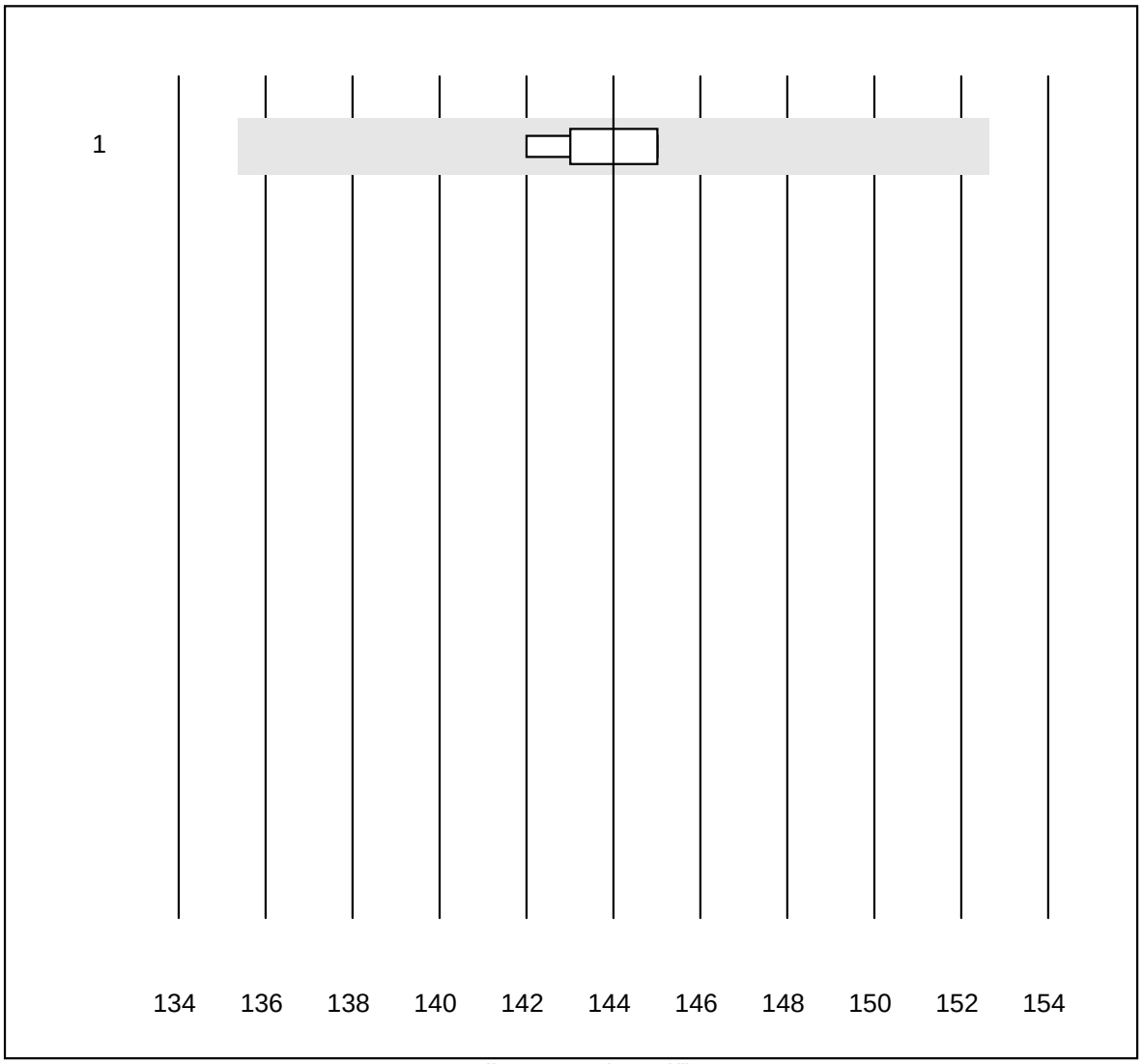


QUALAB tolerance : 6 %

Potassium CCA (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	8	100.0	0.0	0.0	4.7	1.1	e

Sodium CCA

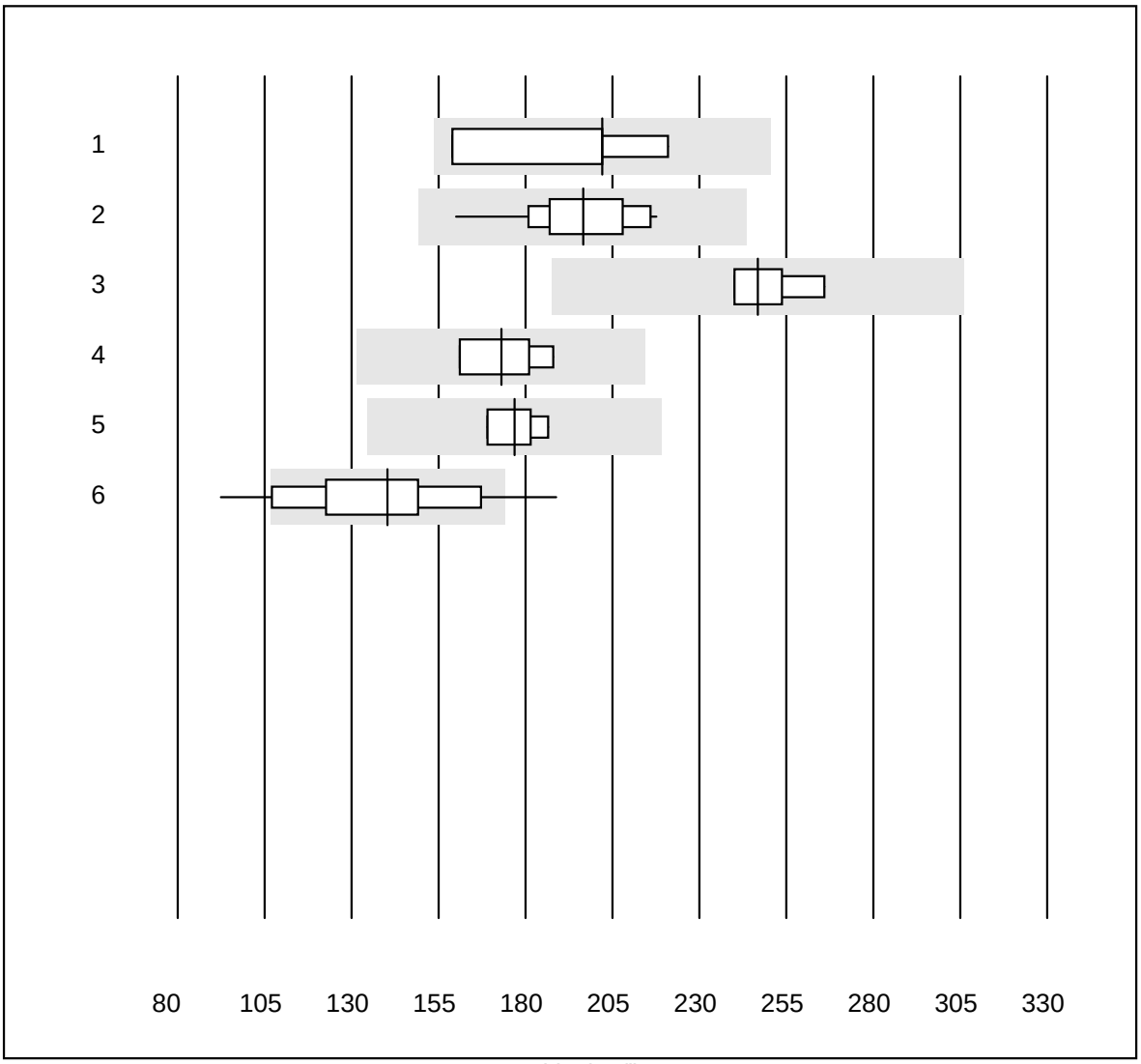


QUALAB tolerance : 6 %

Sodium CCA (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	7	100.0	0.0	0.0	144.0	0.8	e

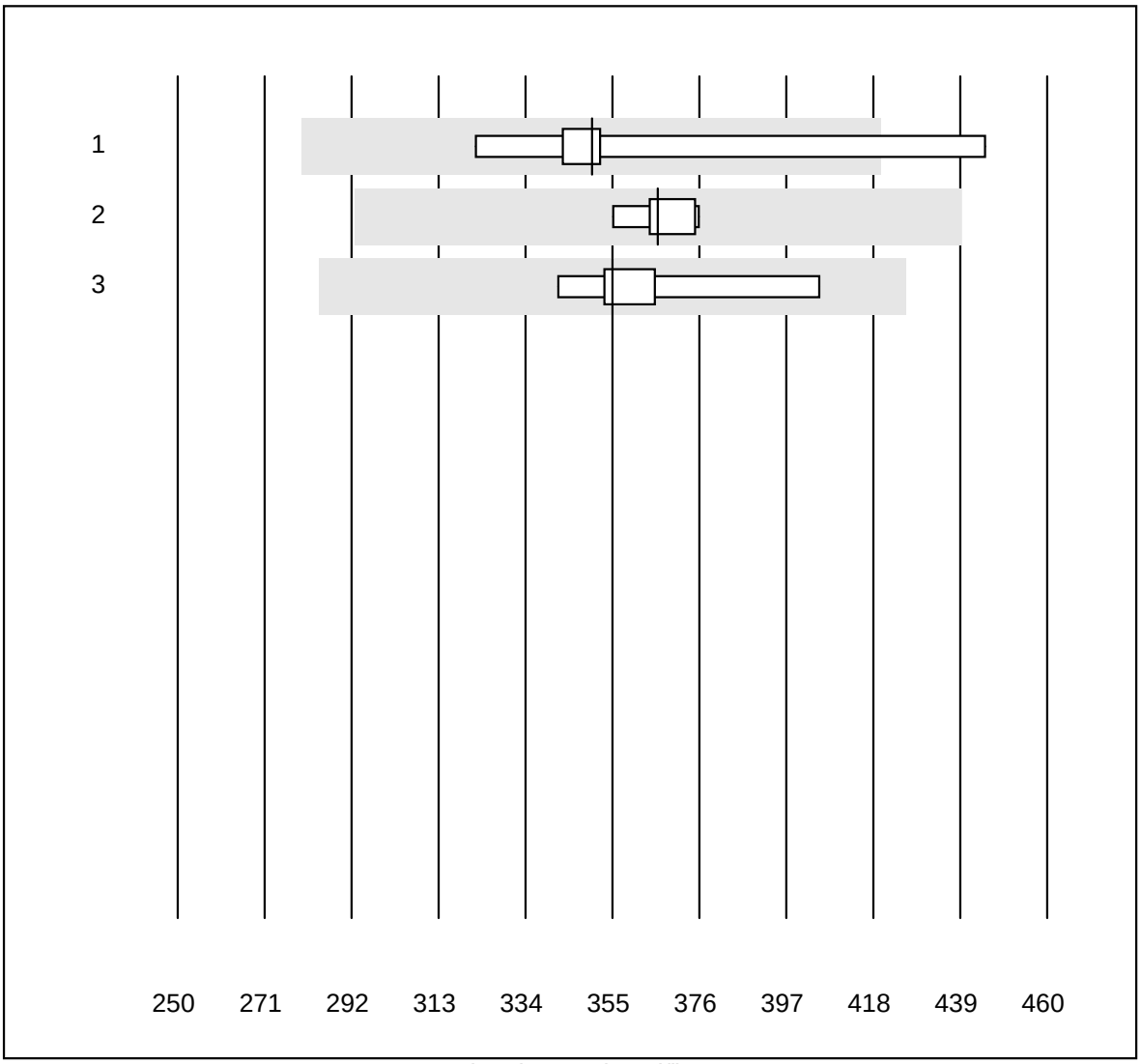
Ferritin



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	80.0	0.0	20.0	202.00	14.0	e*
2	Cobas E / Elecsys	11	100.0	0.0	0.0	196.51	8.5	e
3	Architect	4	100.0	0.0	0.0	246.85	5.0	e
4	Mira/DiaSys	4	100.0	0.0	0.0	173.00	7.4	e*
5	Mini Vidas	4	100.0	0.0	0.0	176.75	4.6	e
6	Eurolyser	22	86.4	13.6	0.0	140.30	17.1	e*

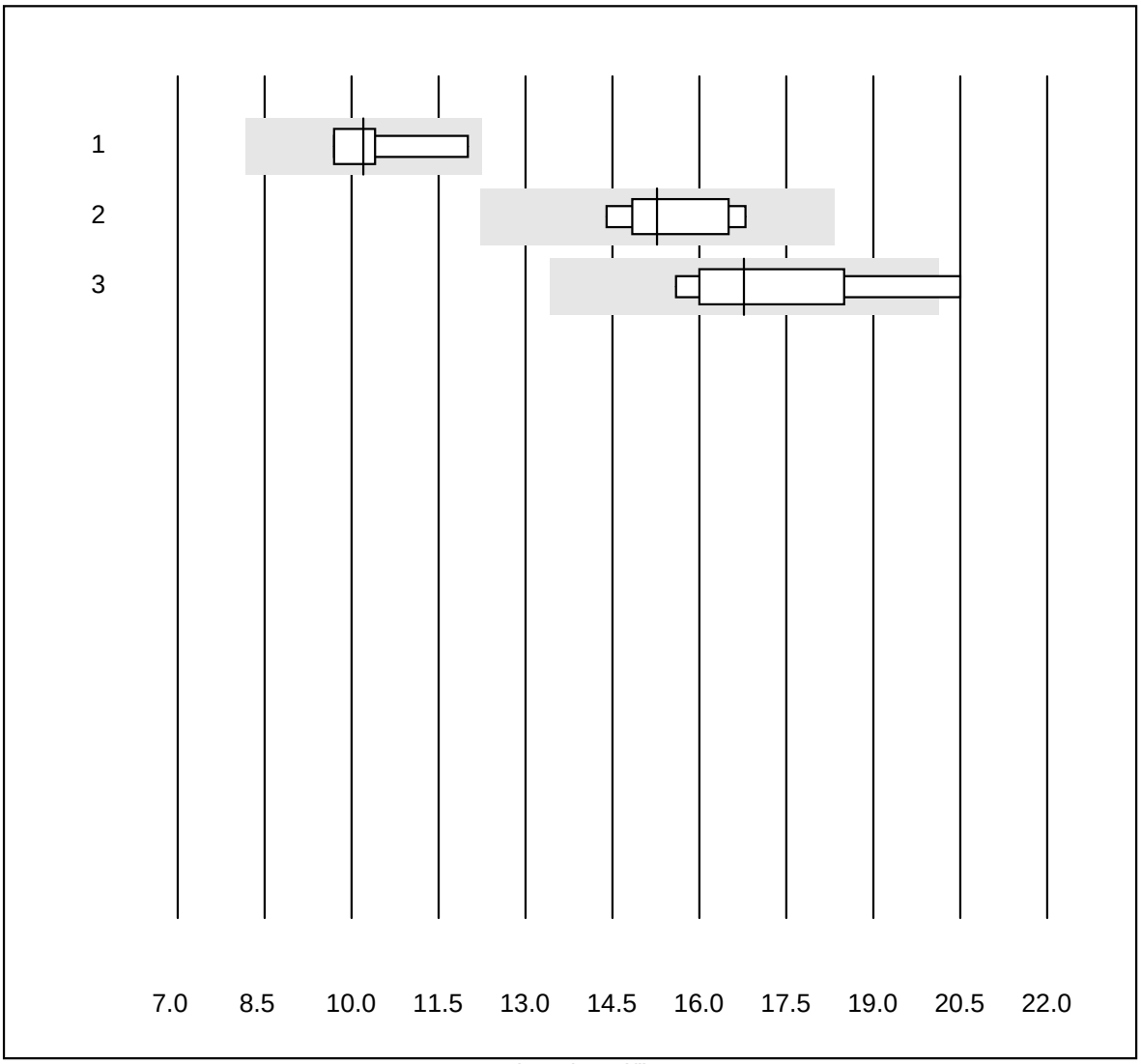
Vitamin B12



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	5	80.0	20.0	0.0	350.00	13.2	e*
2	Cobas E / Elecsys	7	100.0	0.0	0.0	366.00	1.9	e
3	Architect	5	100.0	0.0	0.0	355.00	6.7	e*

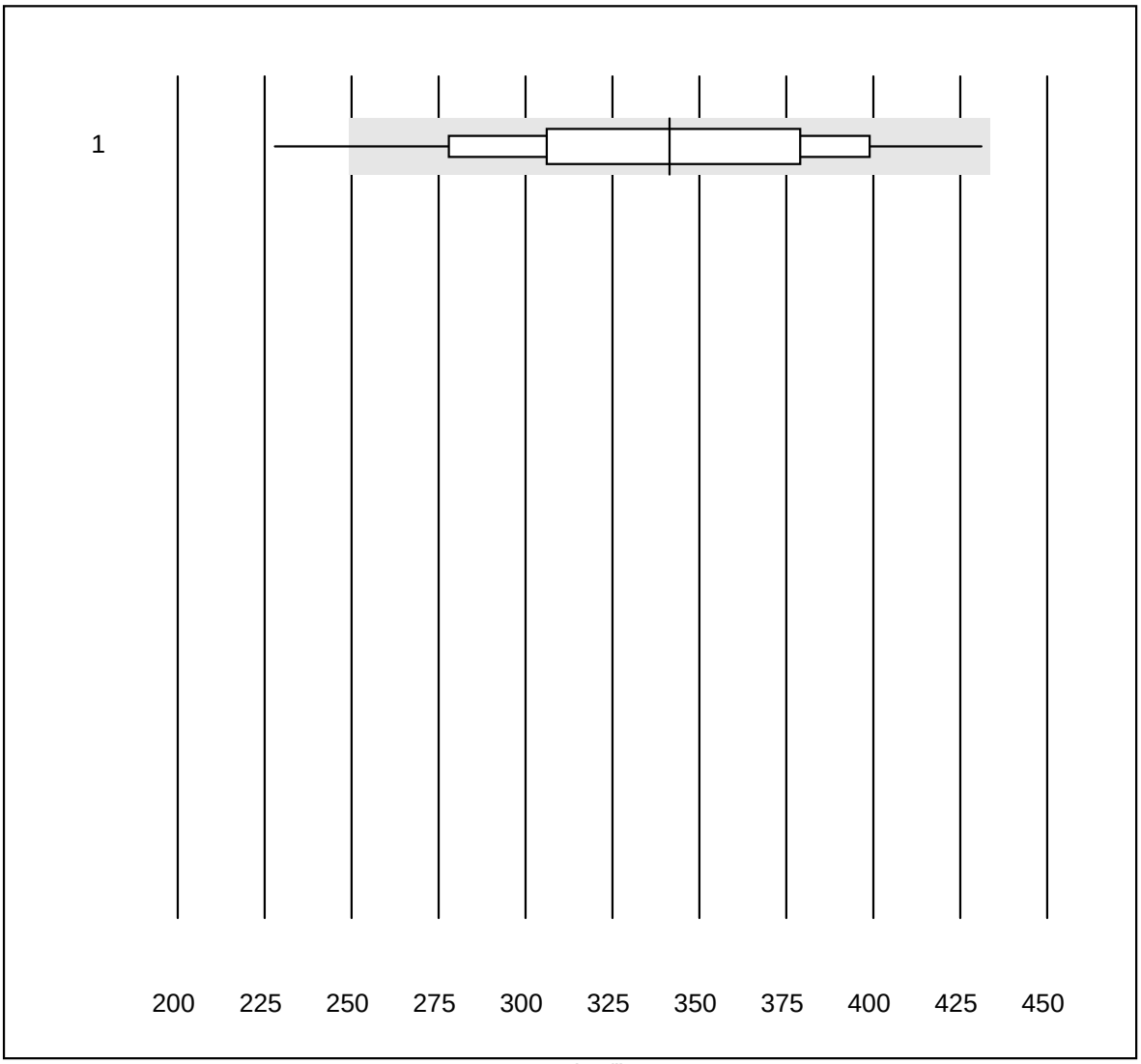
Folate



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP	4	100.0	0.0	0.0	10.20	9.7	e*
2	Cobas E / Elecsys	7	100.0	0.0	0.0	15.27	6.0	e
3	Architect	5	80.0	20.0	0.0	16.77	11.6	e*

BNP

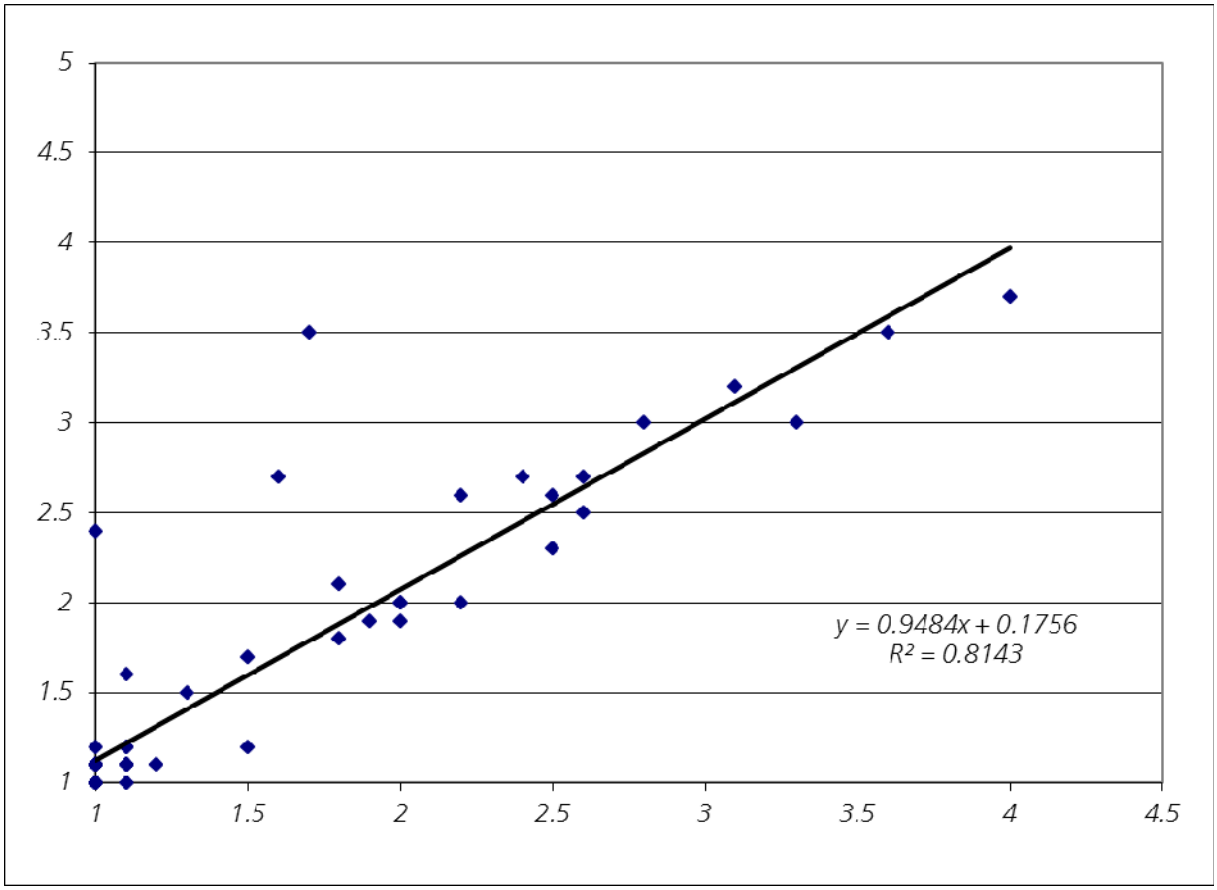


QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Meter	42	92.8	2.4	4.8	341.3	14.4	e

INR INRatio

University Hospital Zuerich

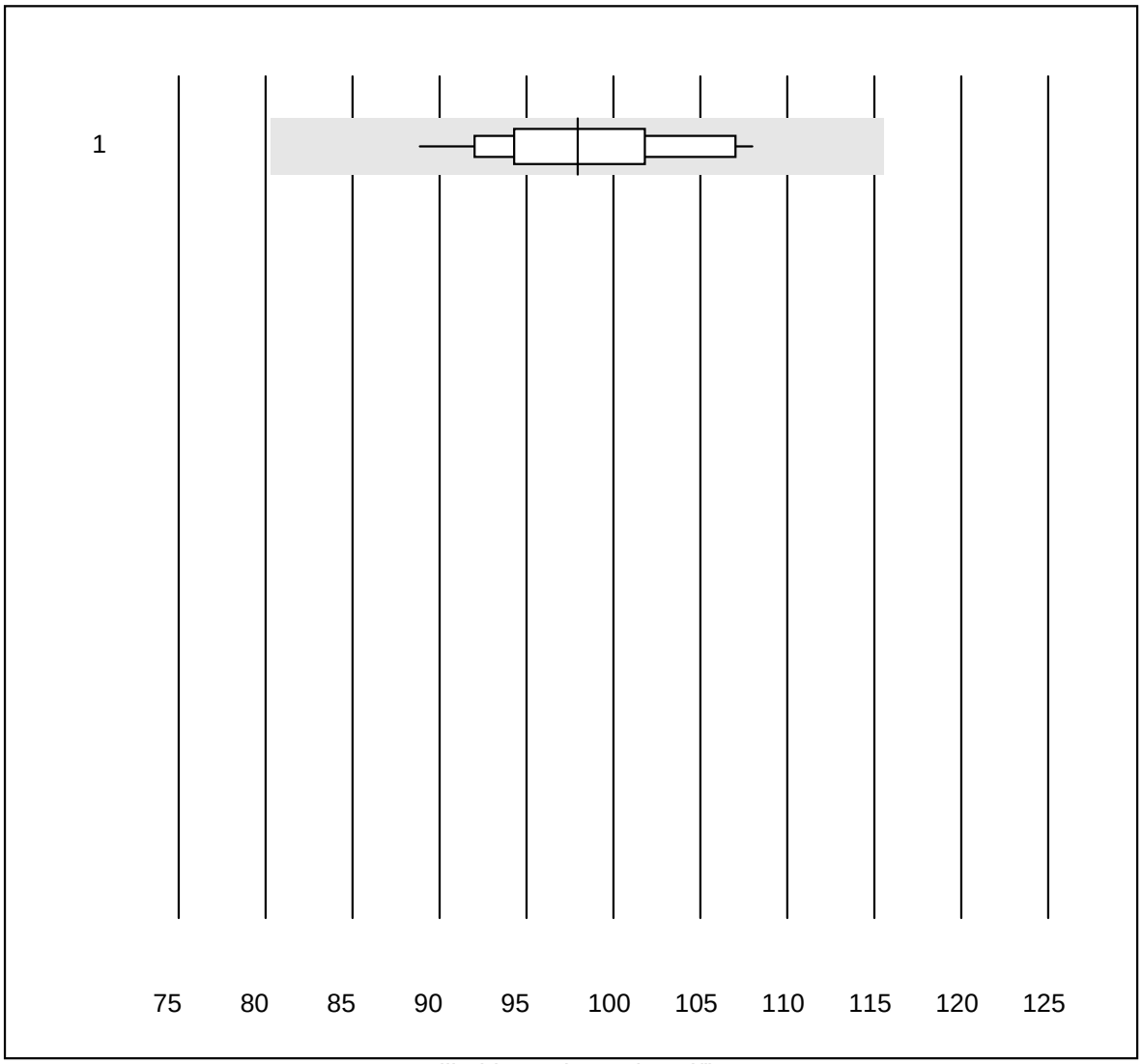


INRatio Participants

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

Nr.	Device	Total	% good	% insufficient	% outlier
1	INRatio	63	90.48	1.59	7.94

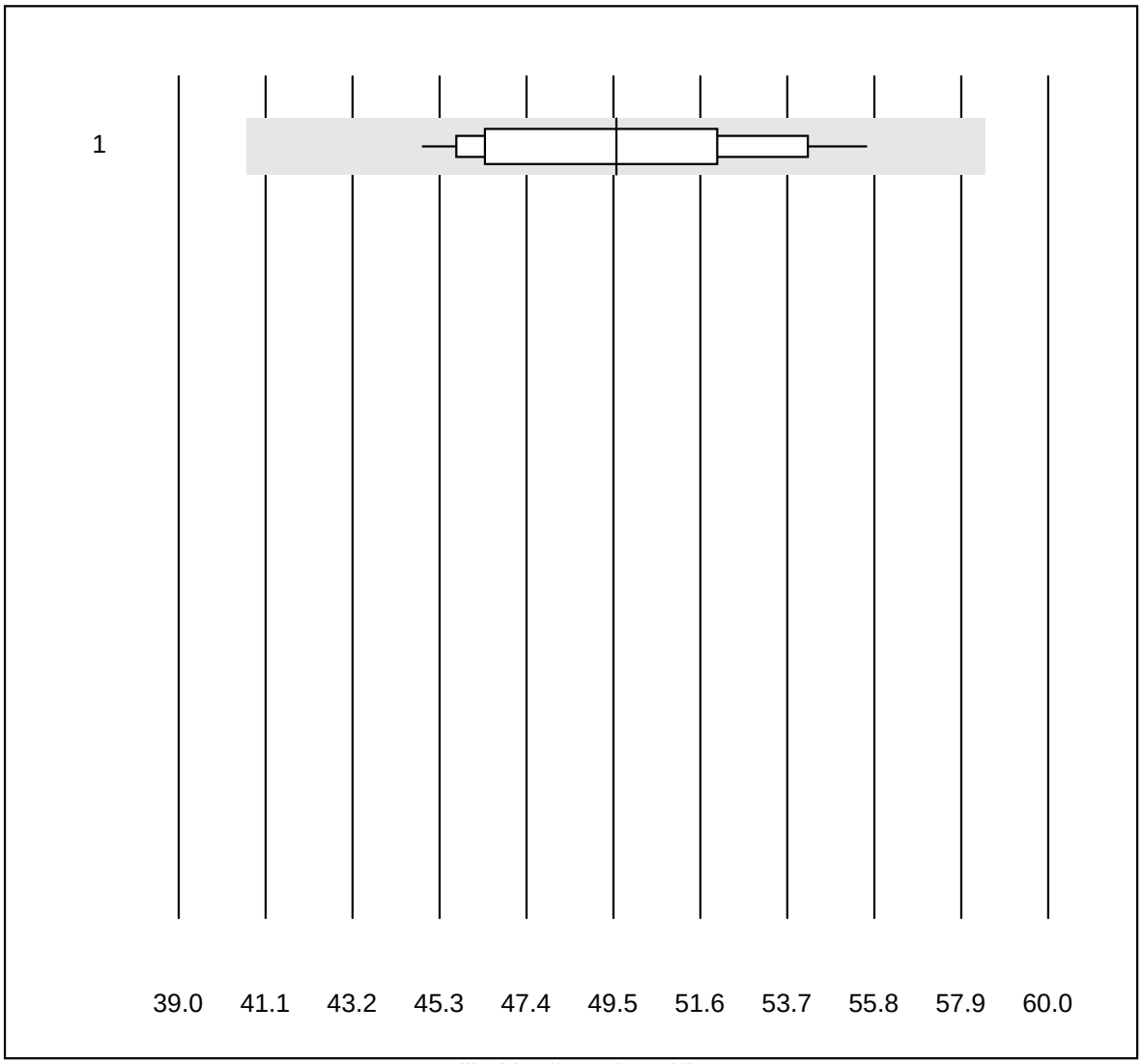
Bilirubin total Neo



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	11	100.0	0.0	0.0	98	5.9	e

Bilirubin direct

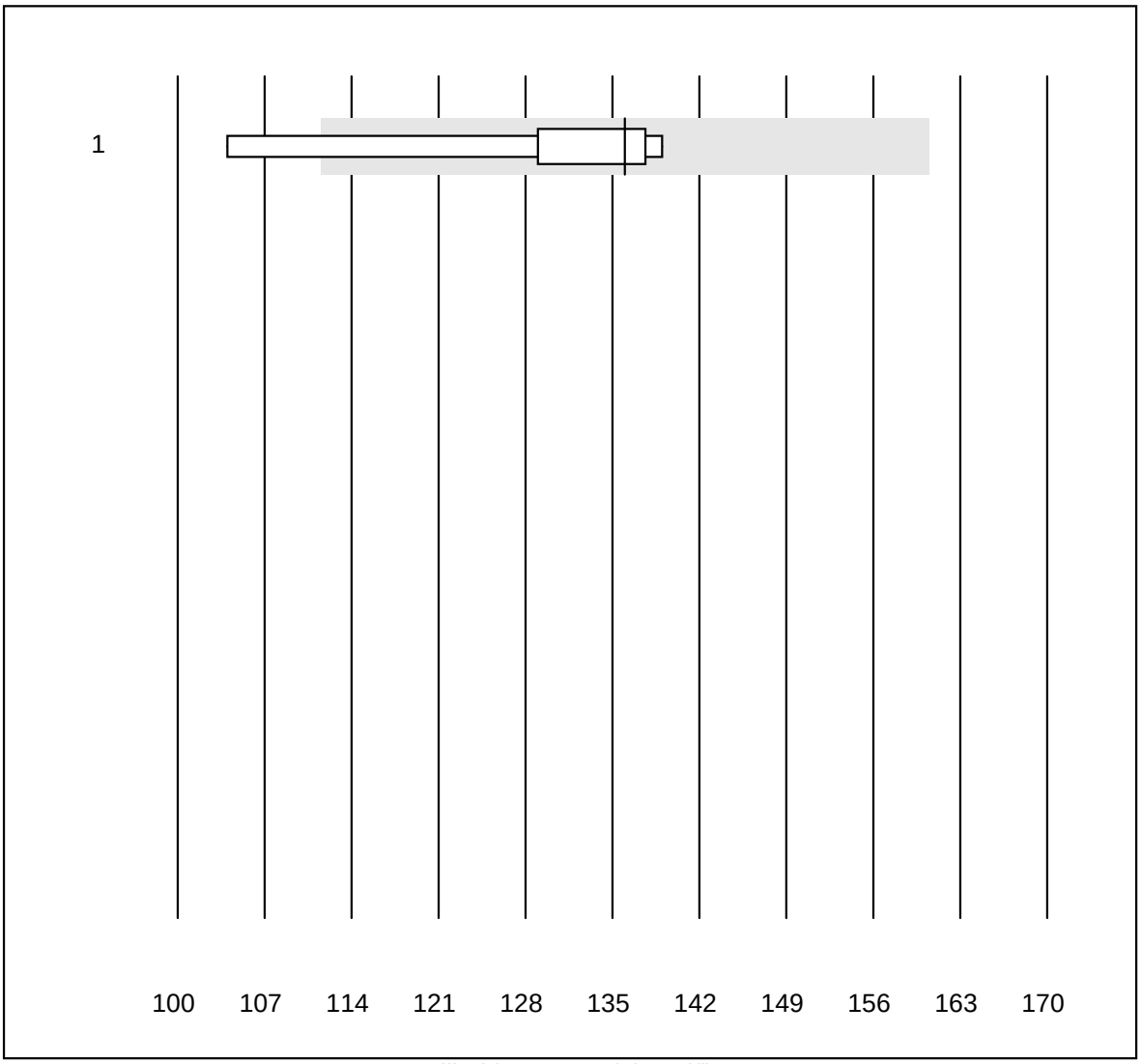


QUALAB tolerance : 18 %

Bilirubin direct (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	13	92.3	0.0	7.7	50	7.0	e

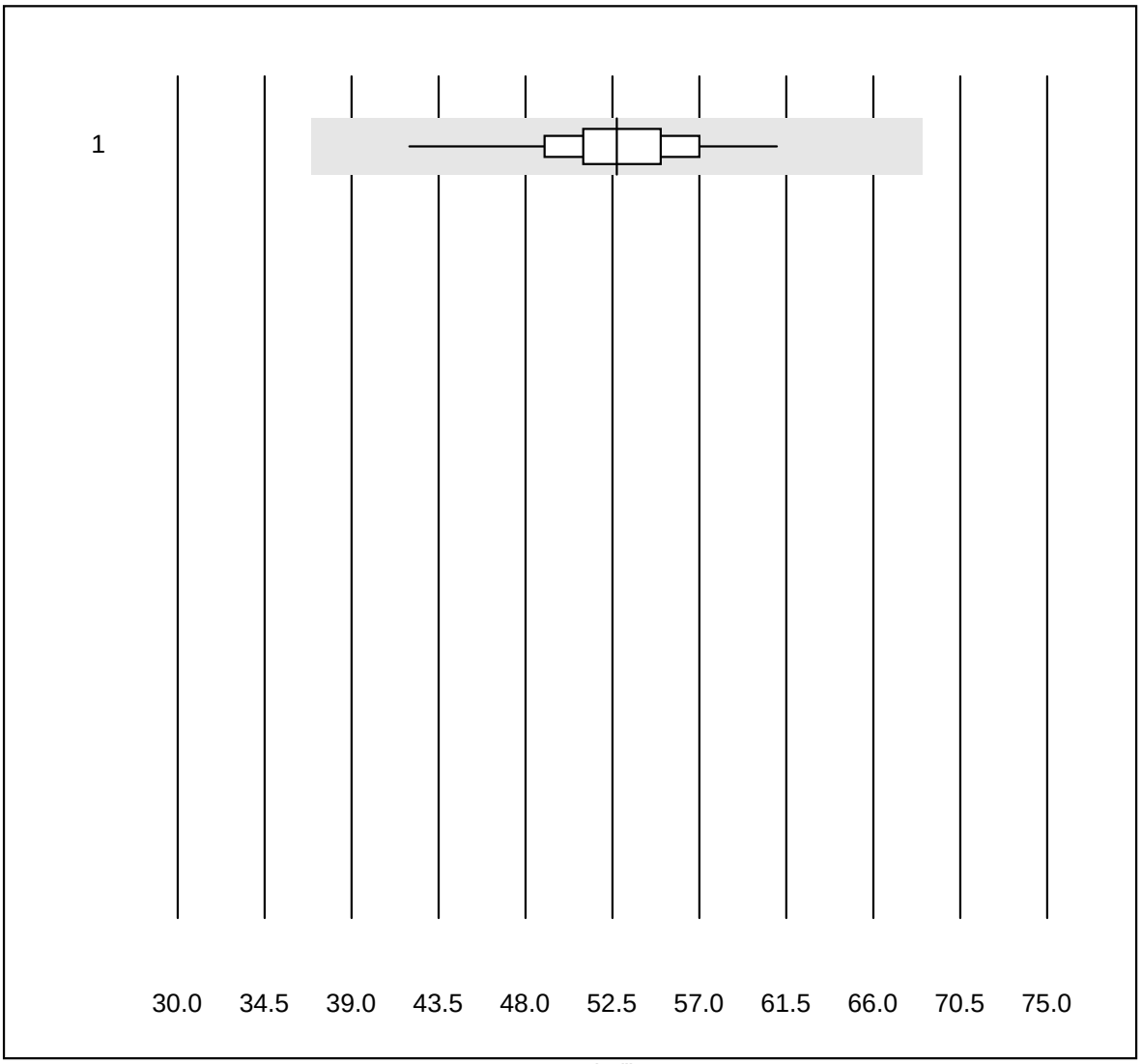
Bilirubin neonatal



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	83.3	16.7	0.0	136	10.3	e*

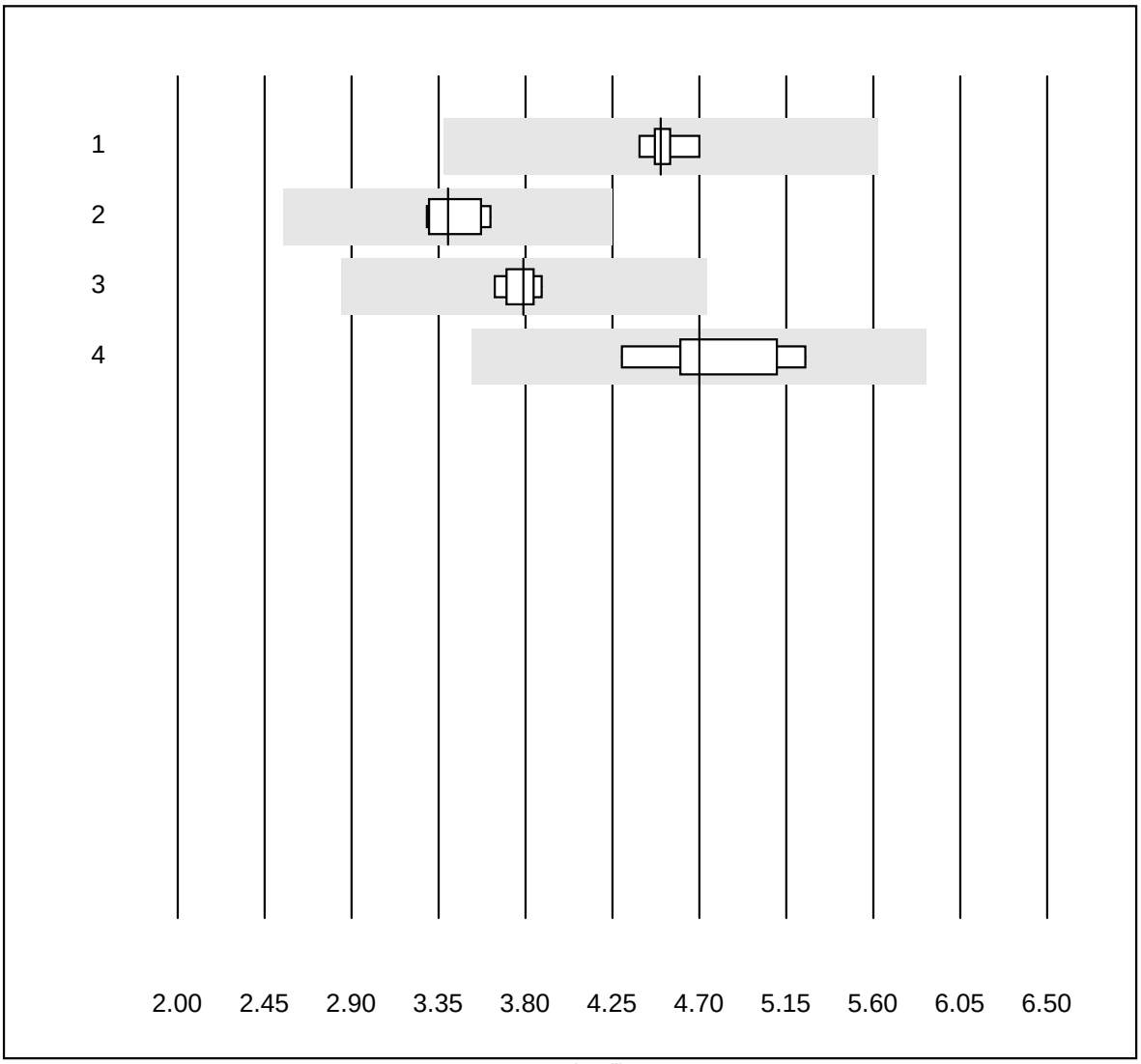
CK-MB



QUALAB tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Fuji Dri-Chem	41	95.1	0.0	4.9	52.7	6.9	e

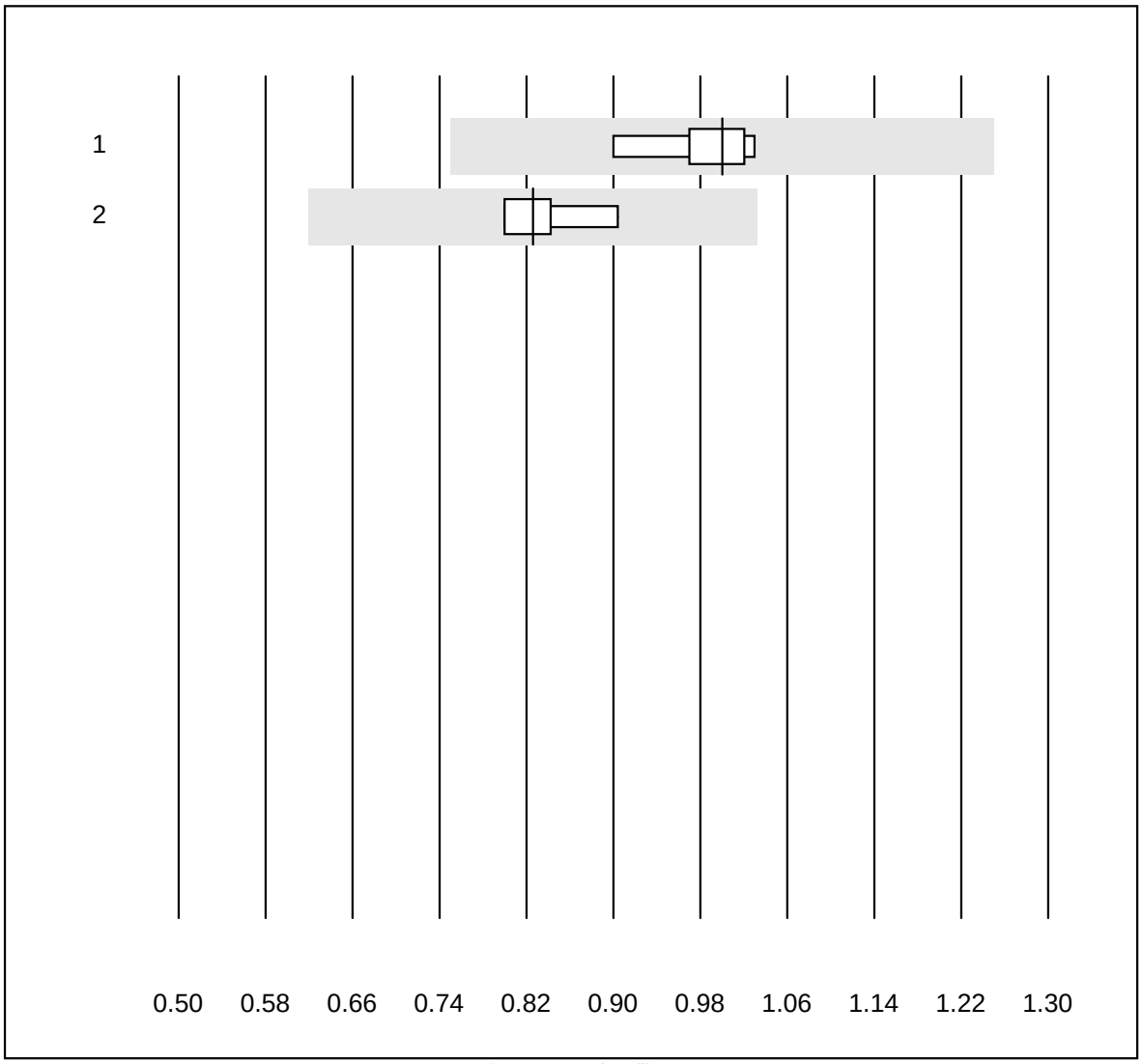
PSA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	9	100.0	0.0	0.0	4.50	2.0	e
2	ADVIA Centaur XP/CP	5	100.0	0.0	0.0	3.40	4.4	e
3	Architect	5	100.0	0.0	0.0	3.79	2.6	e
4	Qualigen	5	100.0	0.0	0.0	4.70	8.0	e*

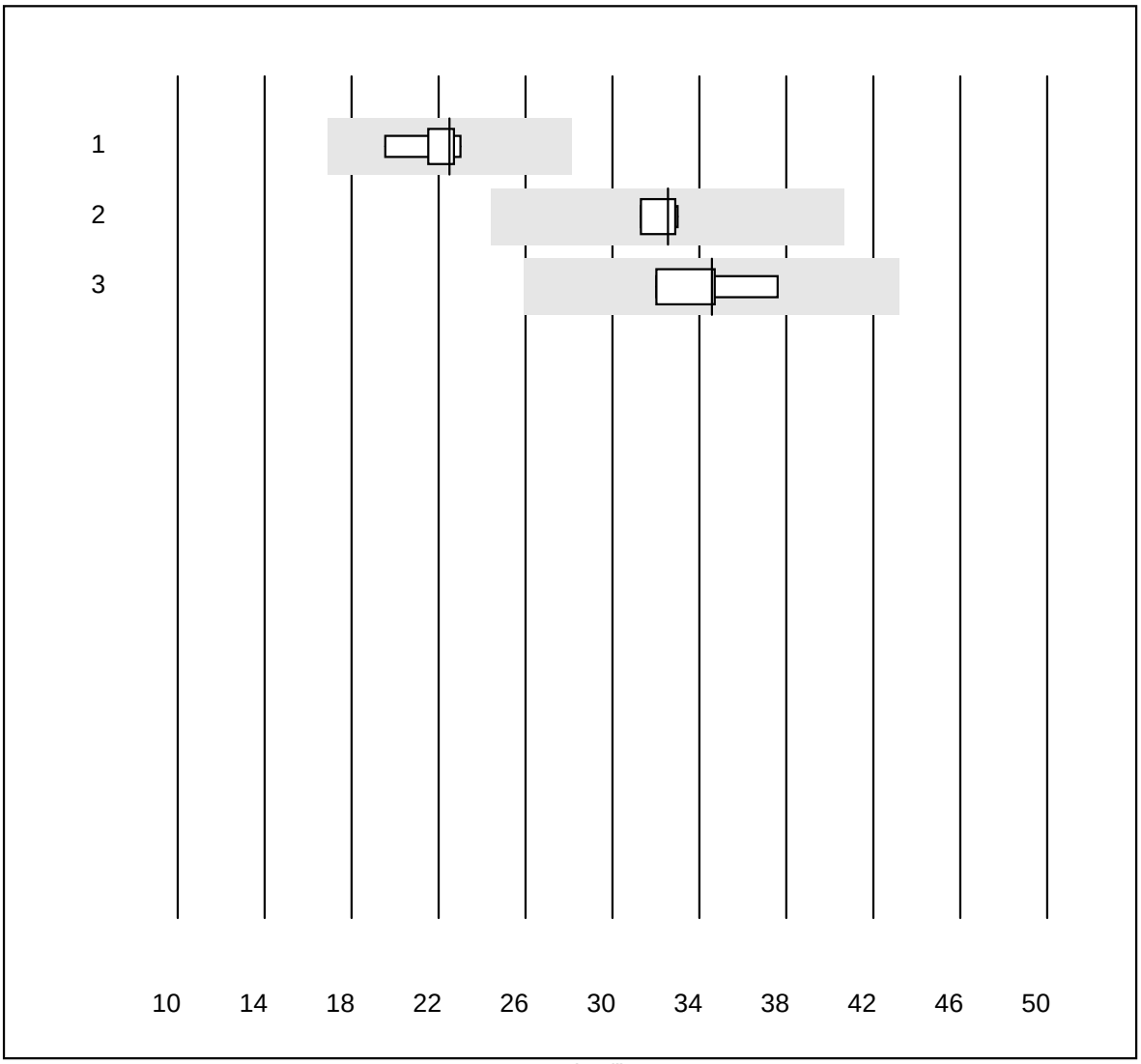
free PSA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	1.00	5.3	e
2	Architect	4	100.0	0.0	0.0	0.83	5.6	e

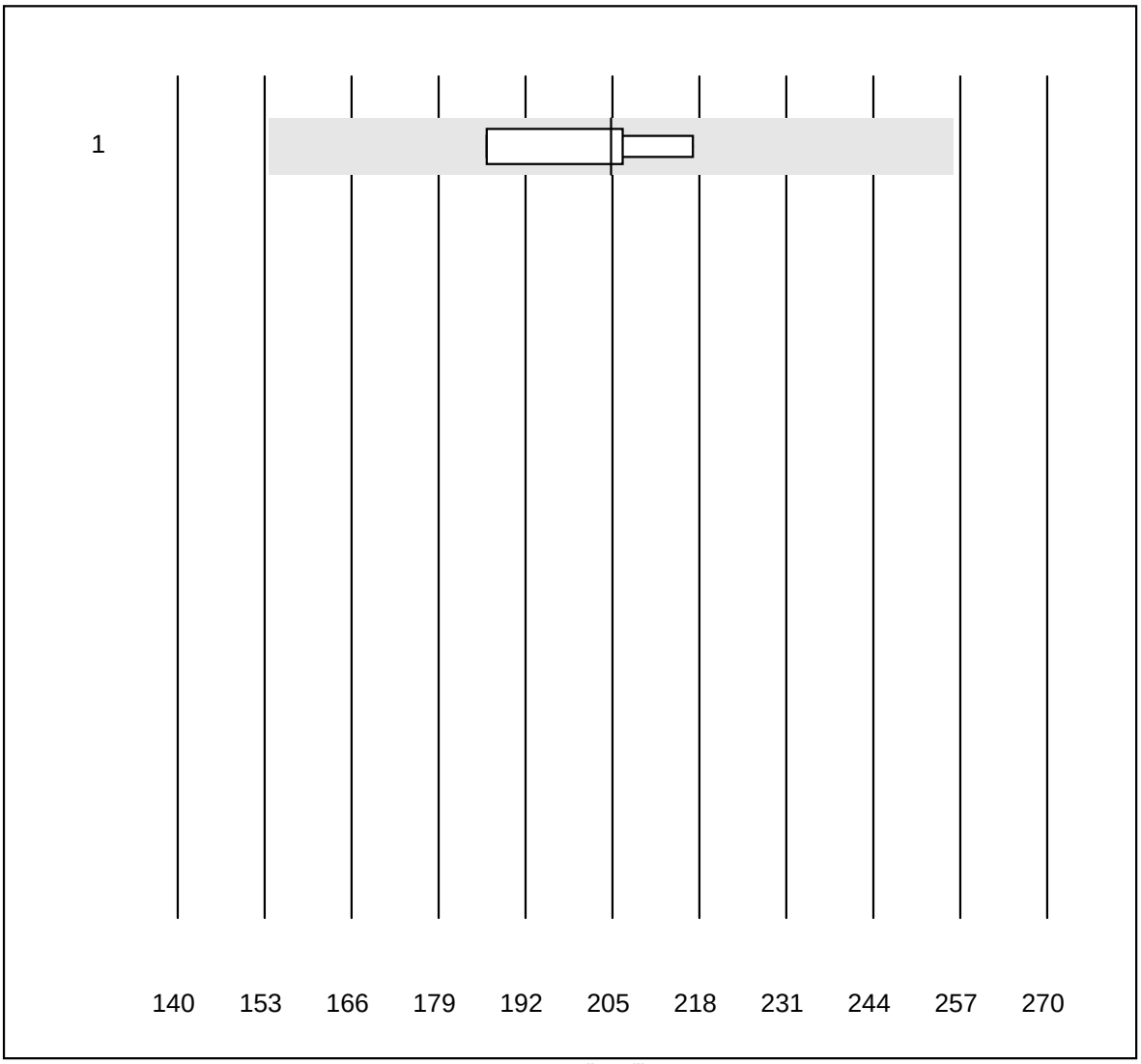
CEA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	22.5	6.5	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	32.6	2.4	e
3	Architect	4	100.0	0.0	0.0	34.6	6.6	e*

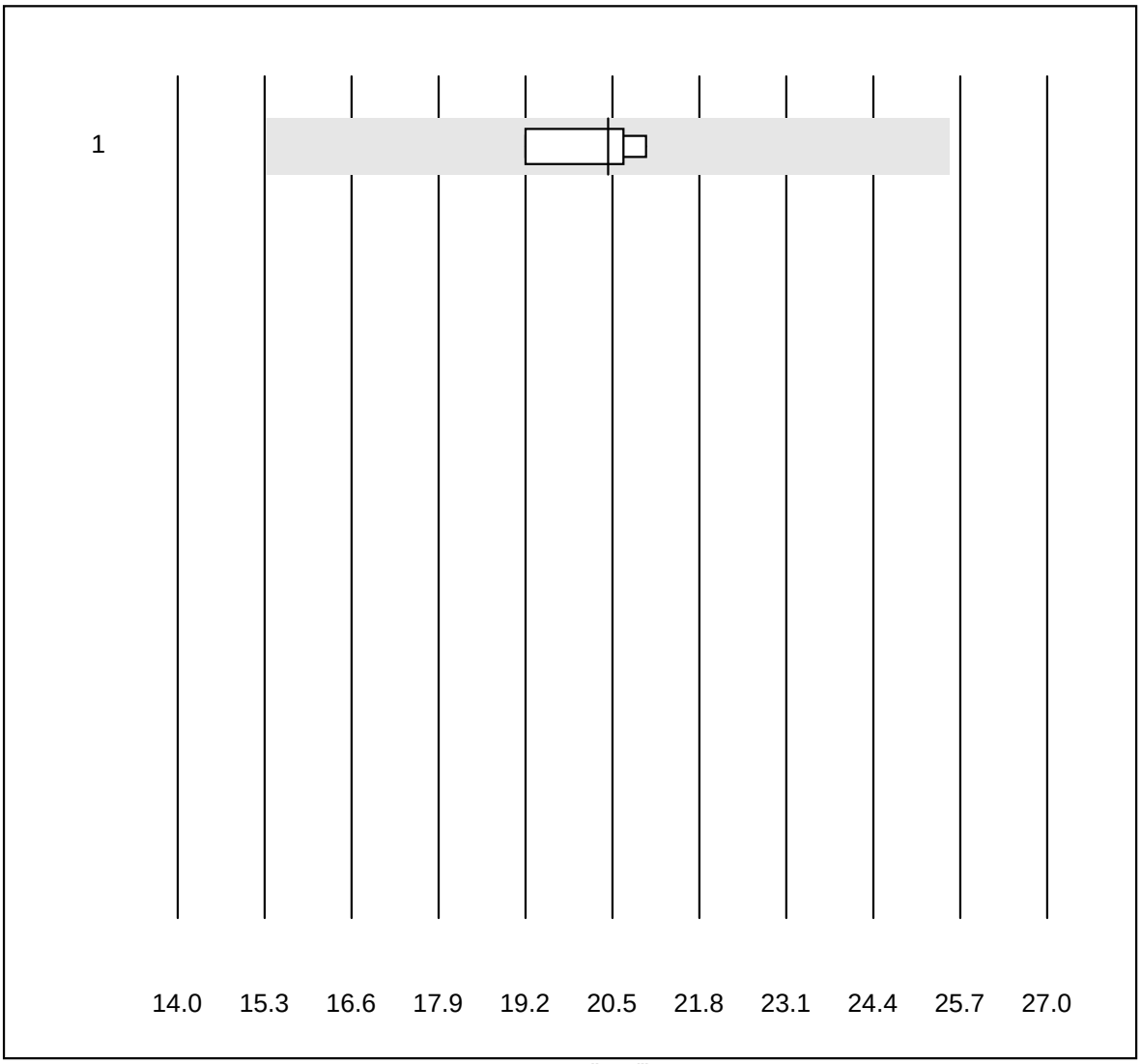
CA 125



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	204.8	6.3	e*

CA 15-3

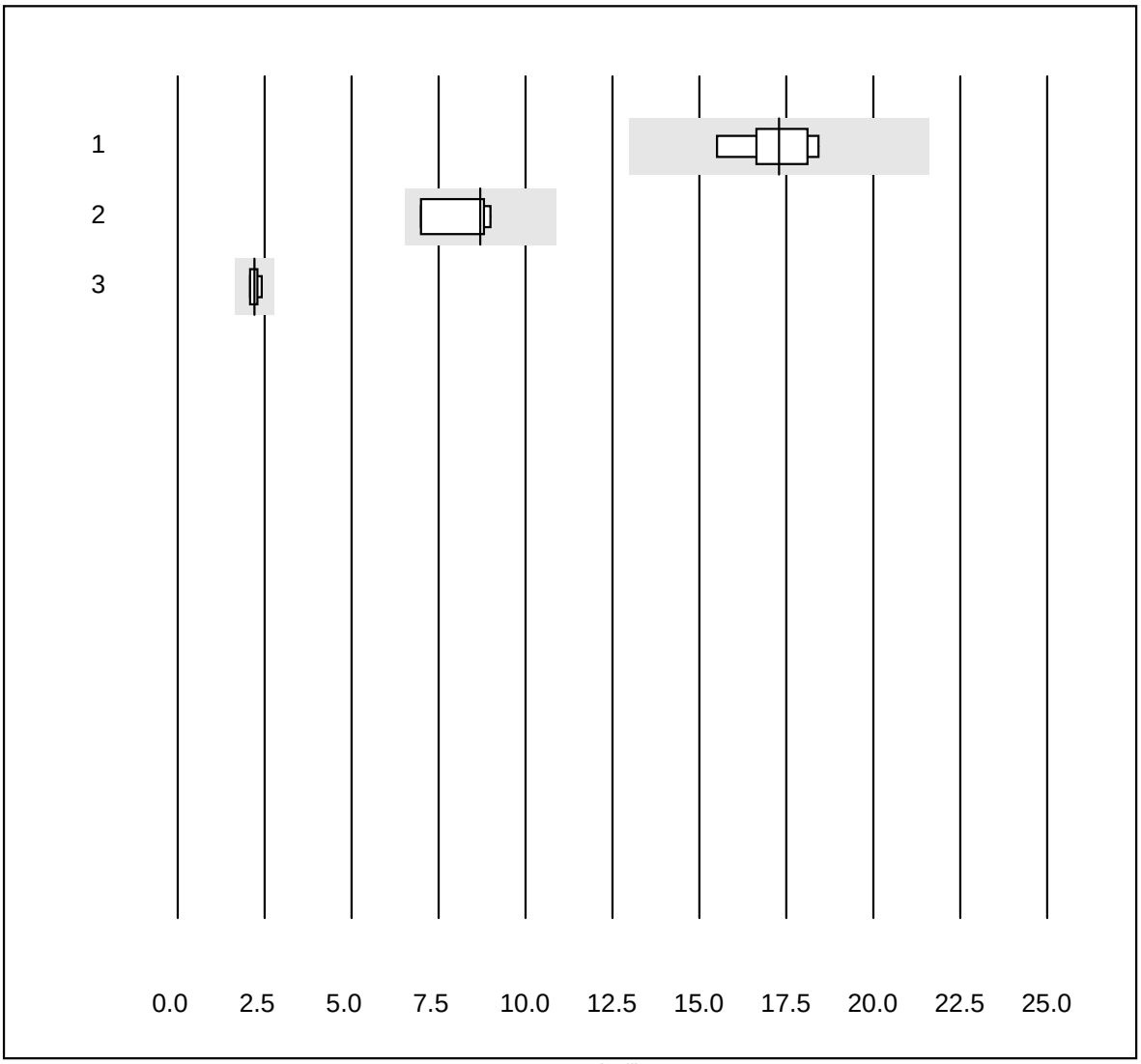


QUALAB tolerance : 25 %

CA 15-3 (kIU/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	20.4	3.9	e

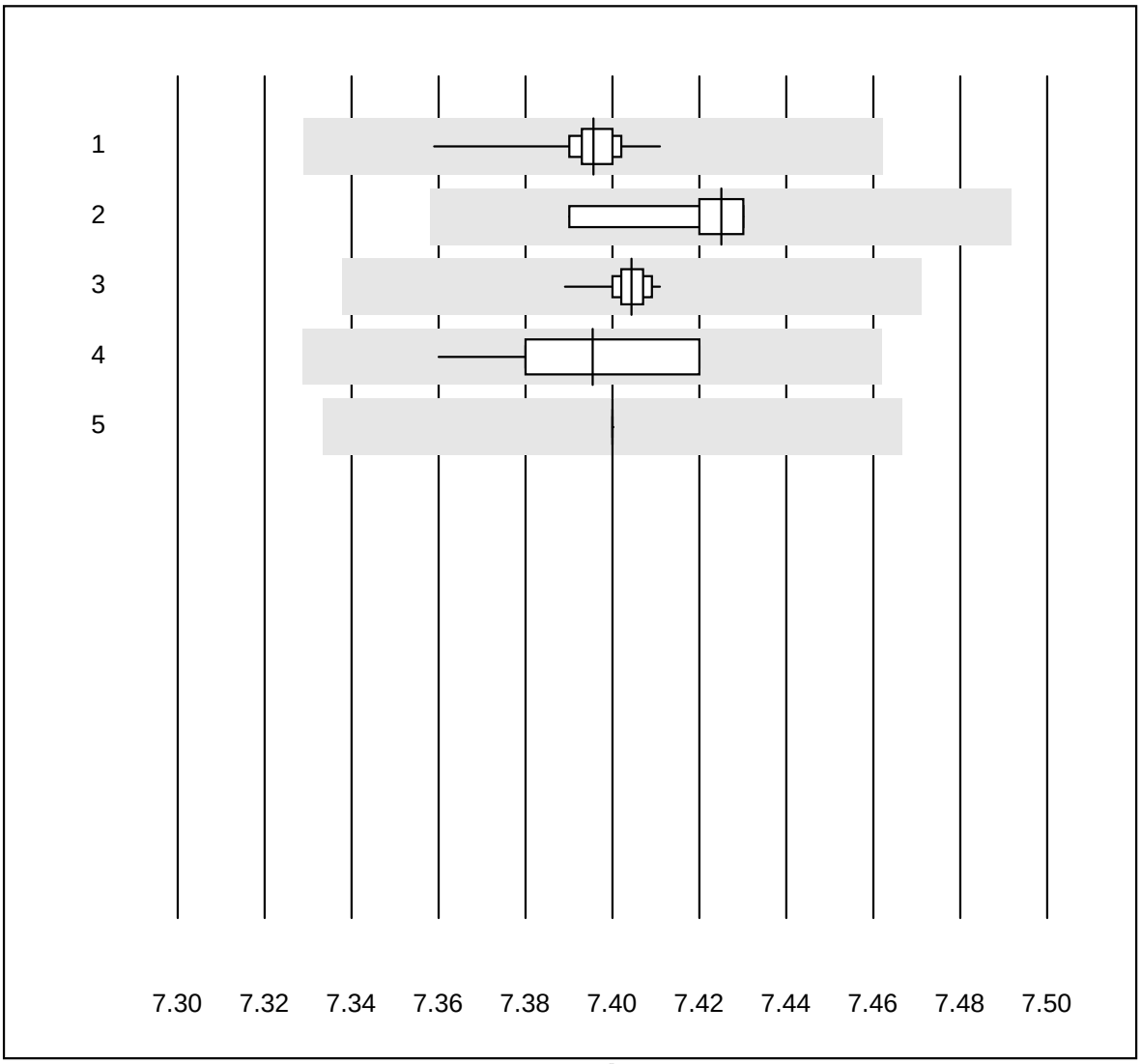
HCG qn



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	17	6.8	e*
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	9	11.0	e*
3	Vidas	4	100.0	0.0	0.0	2	6.7	e*

pH OR

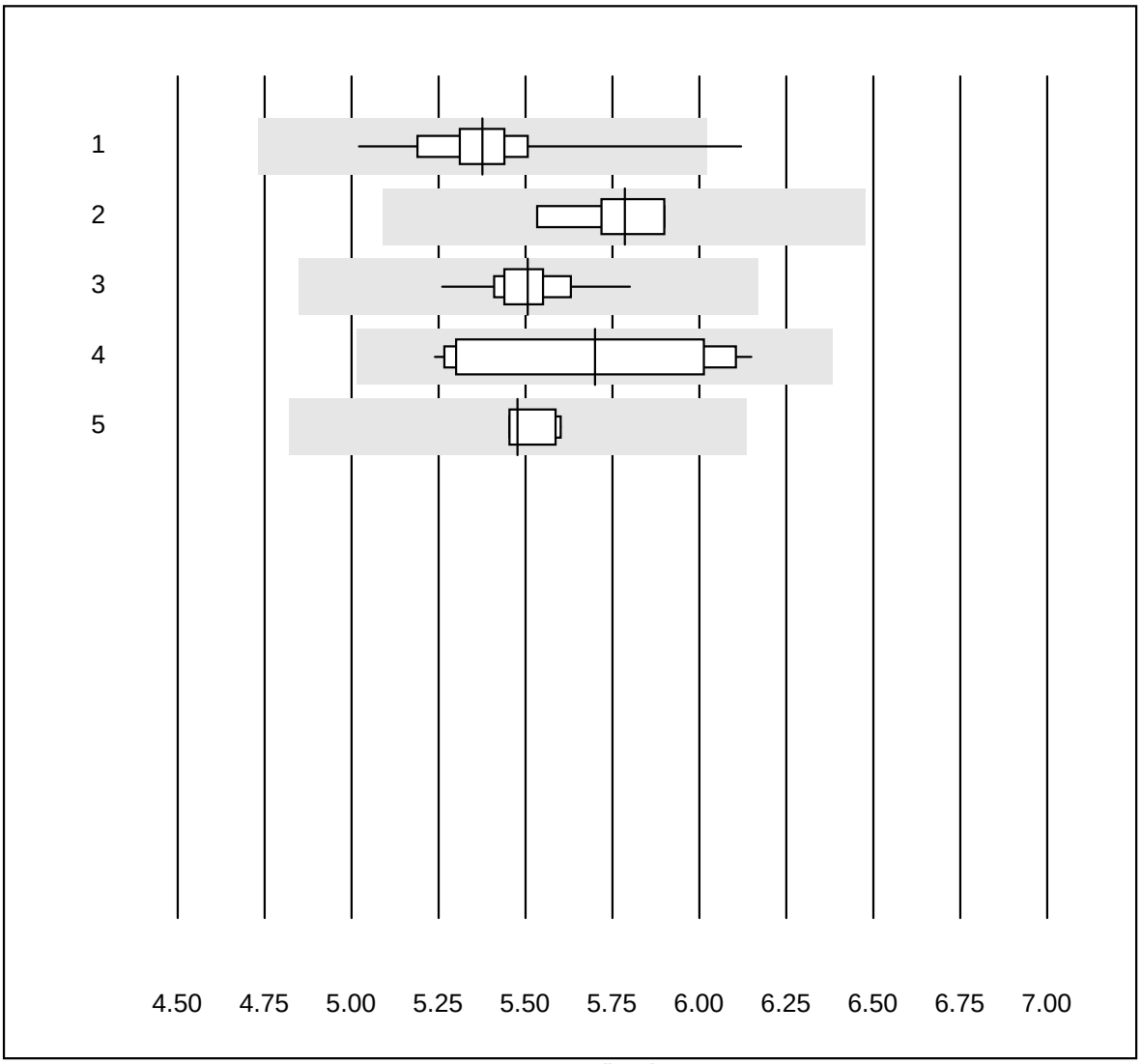


QUALAB tolerance : 1 %

pH OR ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	80	100.0	0.0	0.0	7.40	0.1	e
2	Radiometer NPT-7	6	100.0	0.0	0.0	7.43	0.2	e
3	ABL 90	24	100.0	0.0	0.0	7.40	0.1	e
4	ABL 80 / Coox	13	100.0	0.0	0.0	7.40	0.3	e
5	ABL 5	6	100.0	0.0	0.0	7.40	0.0	e

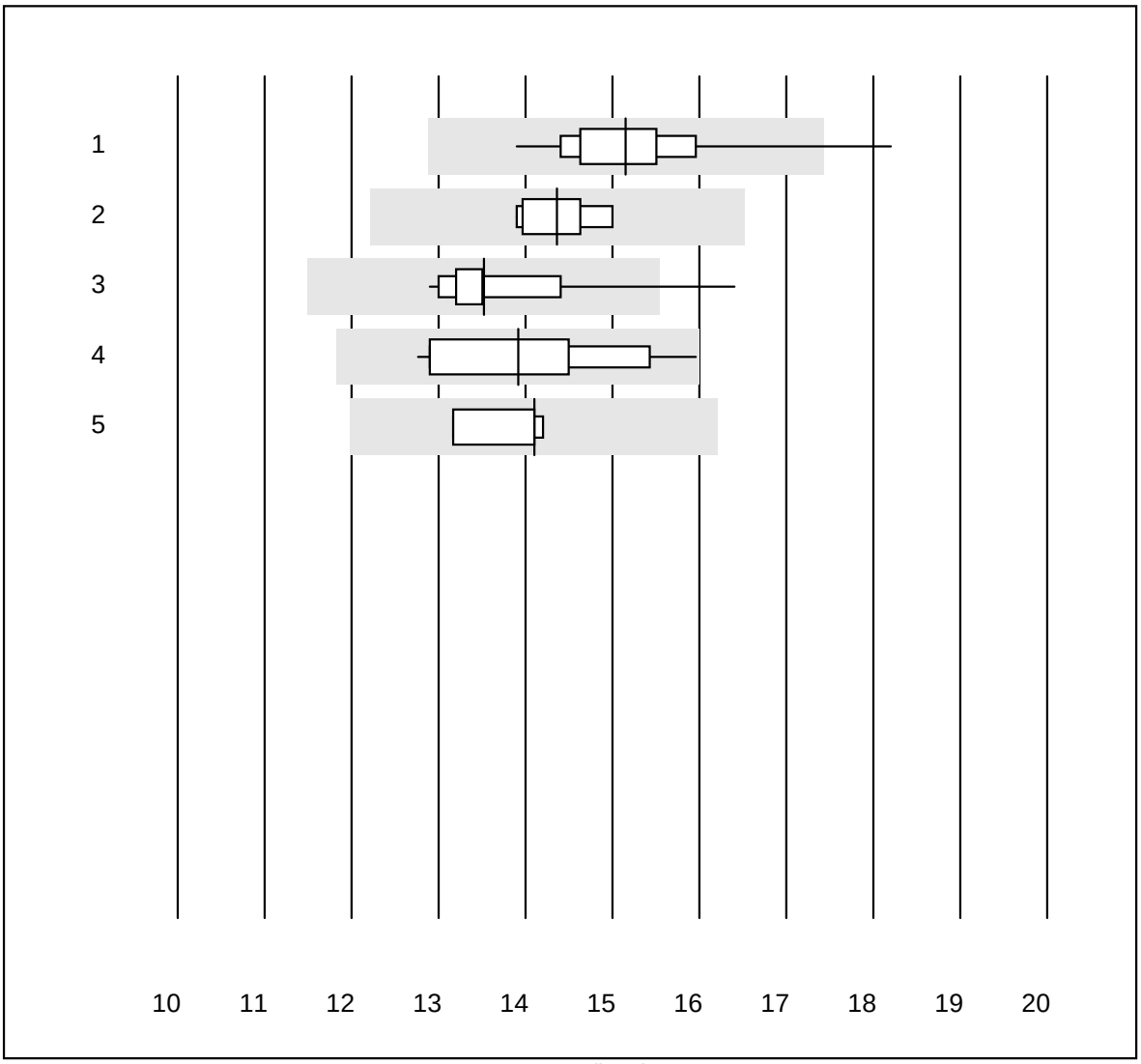
pCO2 OR



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	79	98.7	1.3	0.0	5.38	2.6	e
2	Radiometer NPT-7	6	100.0	0.0	0.0	5.79	2.5	e
3	ABL 90	24	100.0	0.0	0.0	5.51	1.9	e
4	ABL 80 / Coox	13	100.0	0.0	0.0	5.70	6.3	e*
5	ABL 5	6	100.0	0.0	0.0	5.48	1.2	e

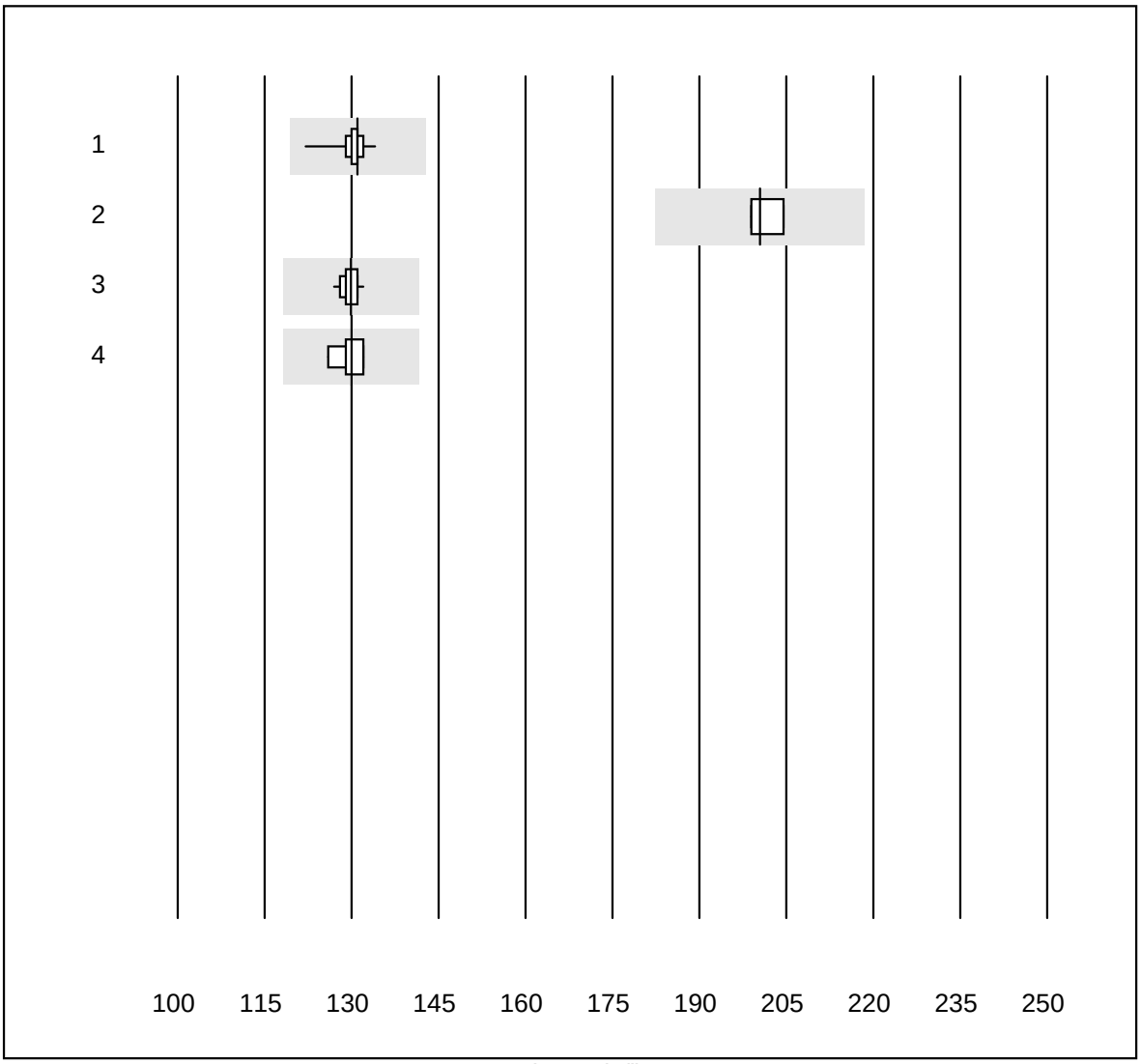
pO2 OR



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	80	97.5	2.5	0.0	15.15	4.9	e
2	Radiometer NPT-7	6	100.0	0.0	0.0	14.36	2.9	e
3	ABL 90	24	91.6	4.2	4.2	13.52	5.8	e
4	ABL 80 / Coox	13	92.3	0.0	7.7	13.91	7.5	e*
5	ABL 5	6	100.0	0.0	0.0	14.10	3.6	e

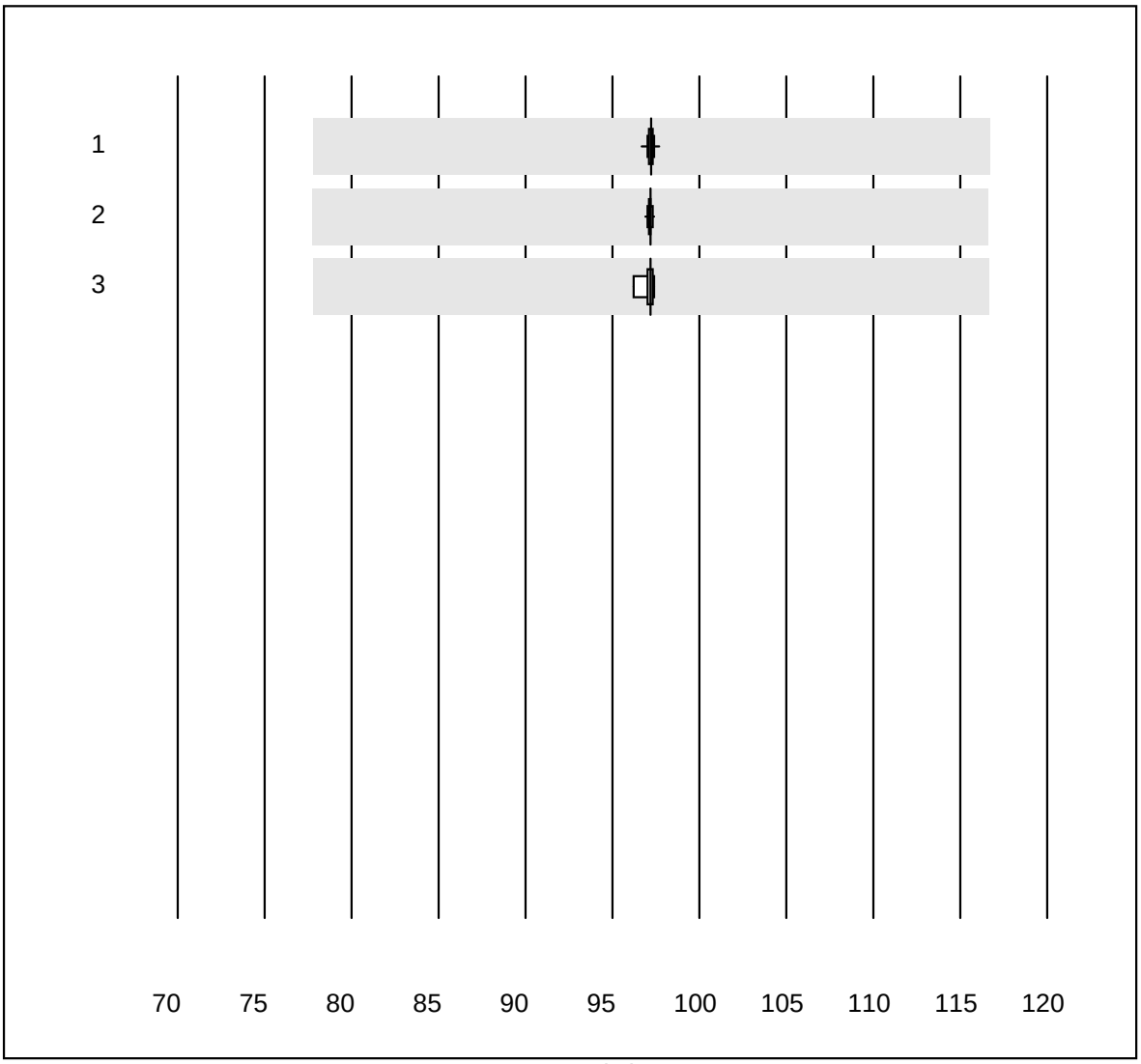
ctHb OR



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	72	79.2	0.0	20.8	131.0	1.6	a
2	Radiometer NPT-7	4	75.0	0.0	25.0	200.5	1.4	e
3	ABL 90	22	100.0	0.0	0.0	129.9	0.9	e
4	ABL 80 / Coox	9	100.0	0.0	0.0	130.0	1.6	e

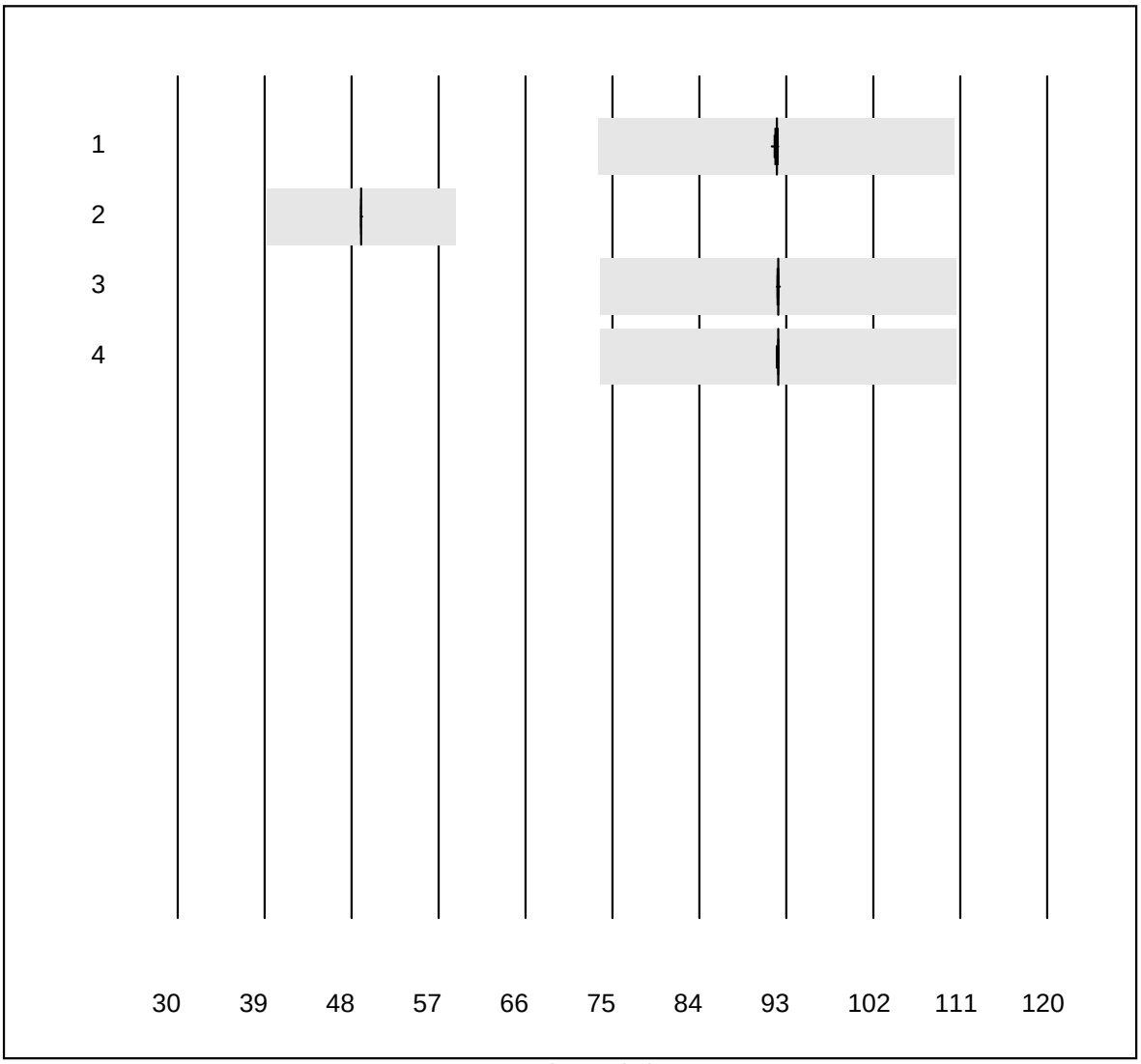
sO2 OR



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	54	100.0	0.0	0.0	97.223	0.2	e
2	ABL 90	22	100.0	0.0	0.0	97.168	0.1	e
3	ABL 80 / Coox	9	100.0	0.0	0.0	97.200	0.4	e

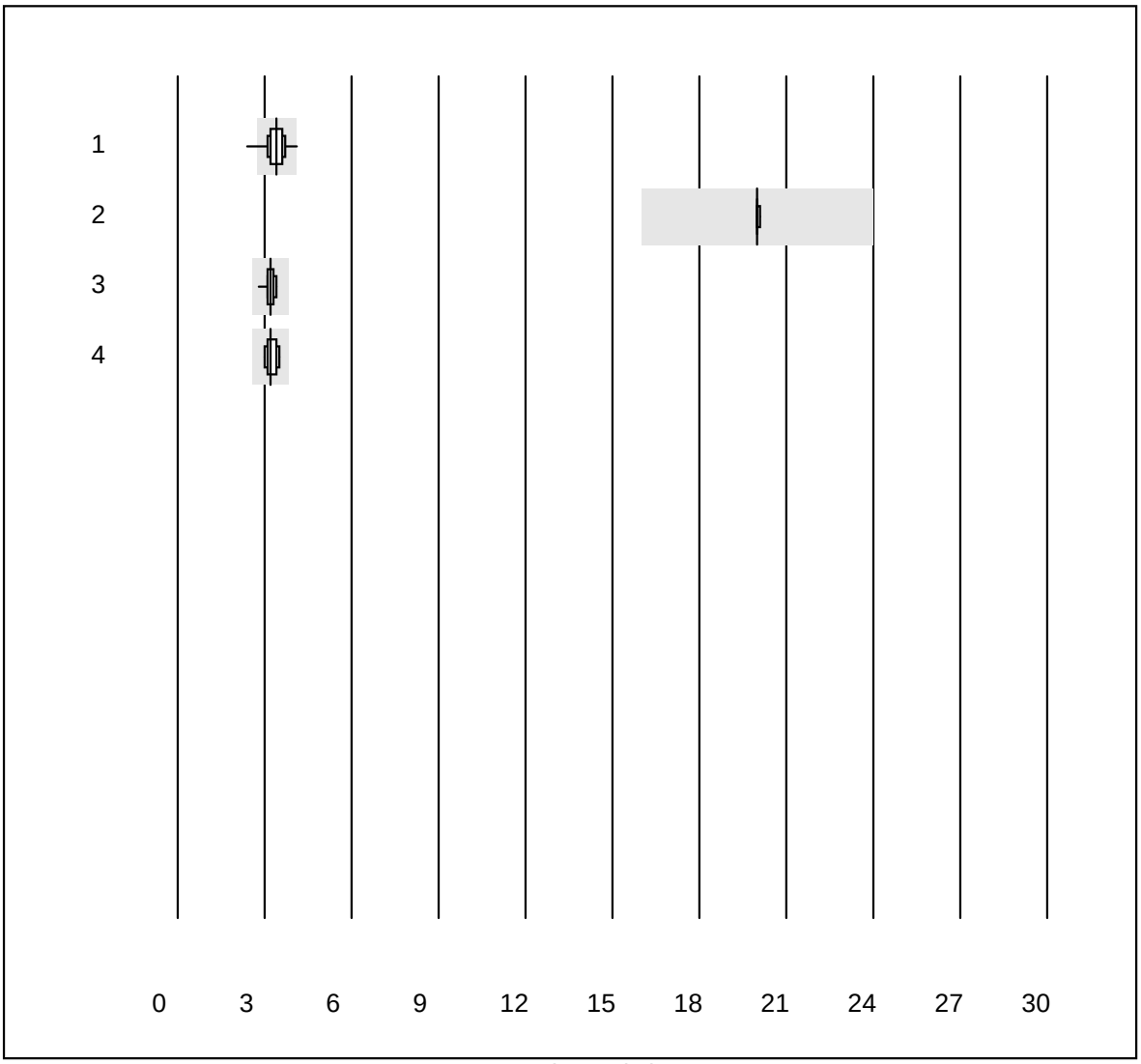
FO2Hb OR



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	50	100.0	0.0	0.0	91.988	0.2	e
2	Radiometer NPT-7	5	80.0	0.0	20.0	49.000	0.0	e
3	ABL 90	22	100.0	0.0	0.0	92.150	0.1	e
4	ABL 80 / Coox	9	100.0	0.0	0.0	92.200	0.1	e

FCOHb OR

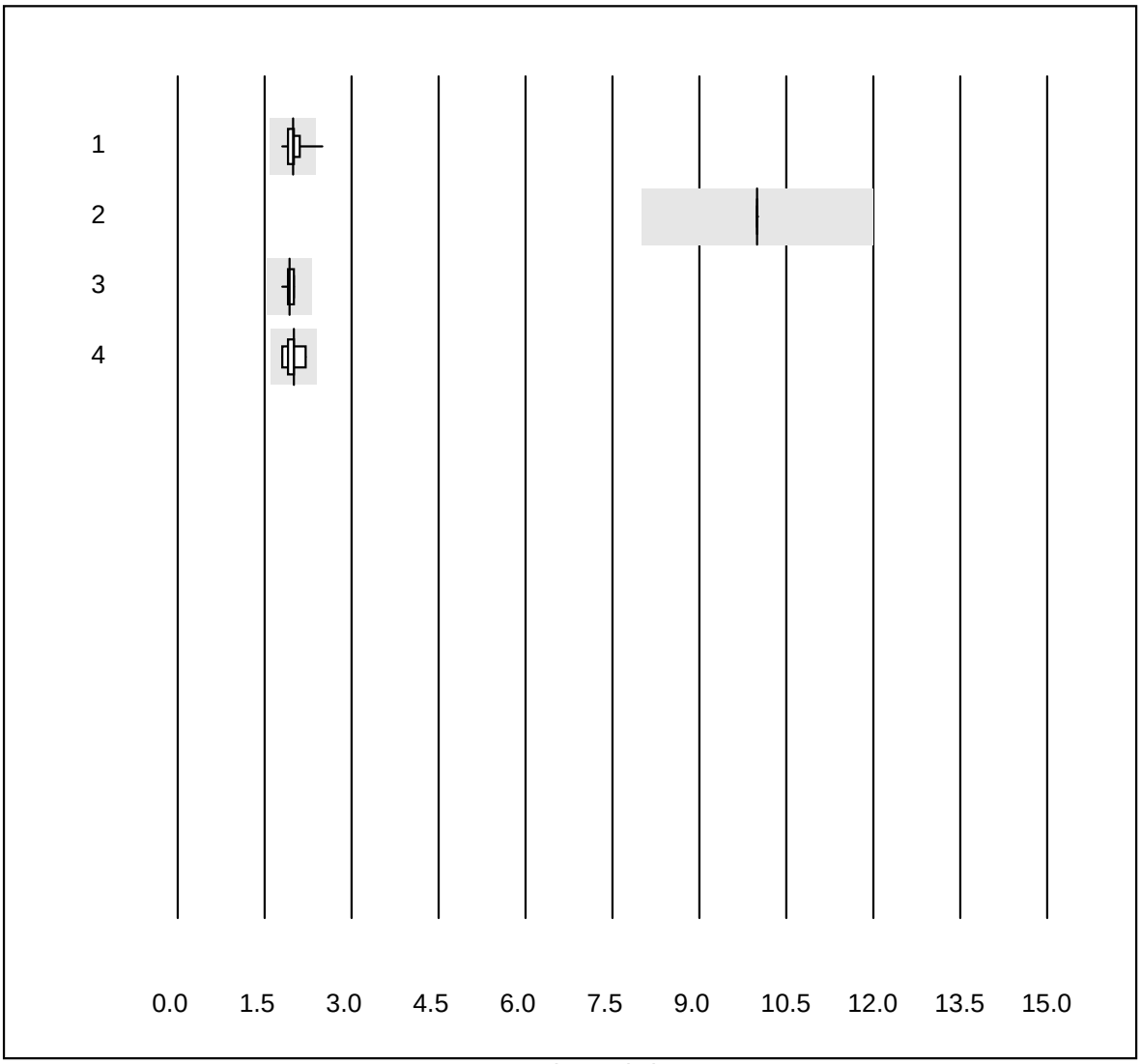


QUALAB tolerance : 20 %

FCOHb OR (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	51	96.1	3.9	0.0	3.394	8.8	e
2	Radiometer NPT-7	5	80.0	0.0	20.0	20.000	0.2	e
3	ABL 90	22	100.0	0.0	0.0	3.200	4.3	e
4	ABL 80 / Coox	9	88.9	0.0	11.1	3.200	5.5	e

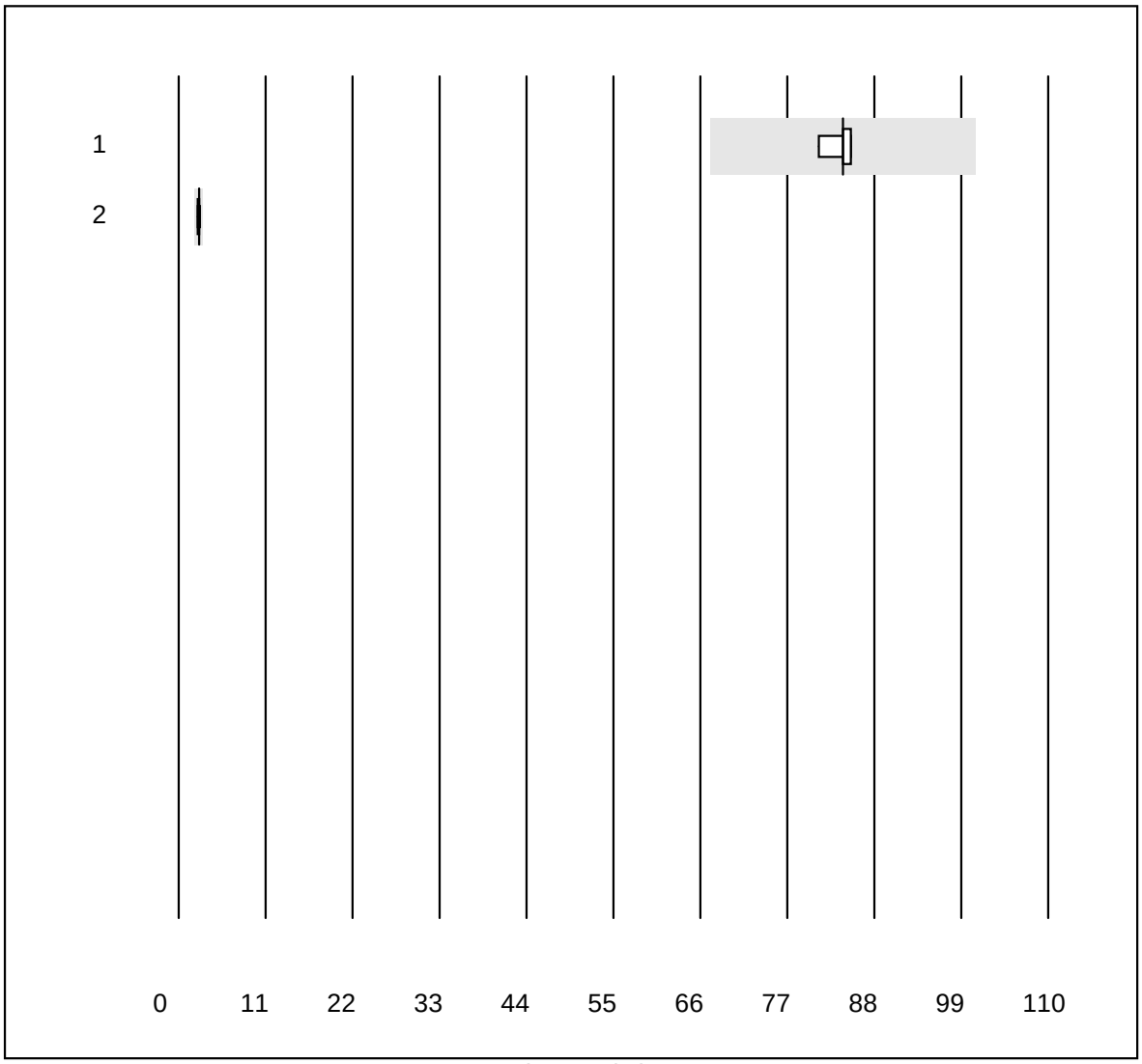
FMetHb OR



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	52	94.3	3.8	1.9	1.986	6.2	e
2	Radiometer NPT-7	5	80.0	0.0	20.0	10.000	0.0	e
3	ABL 90	22	95.5	0.0	4.5	1.924	2.8	e
4	ABL 80 / Coox	9	100.0	0.0	0.0	2.000	6.3	e

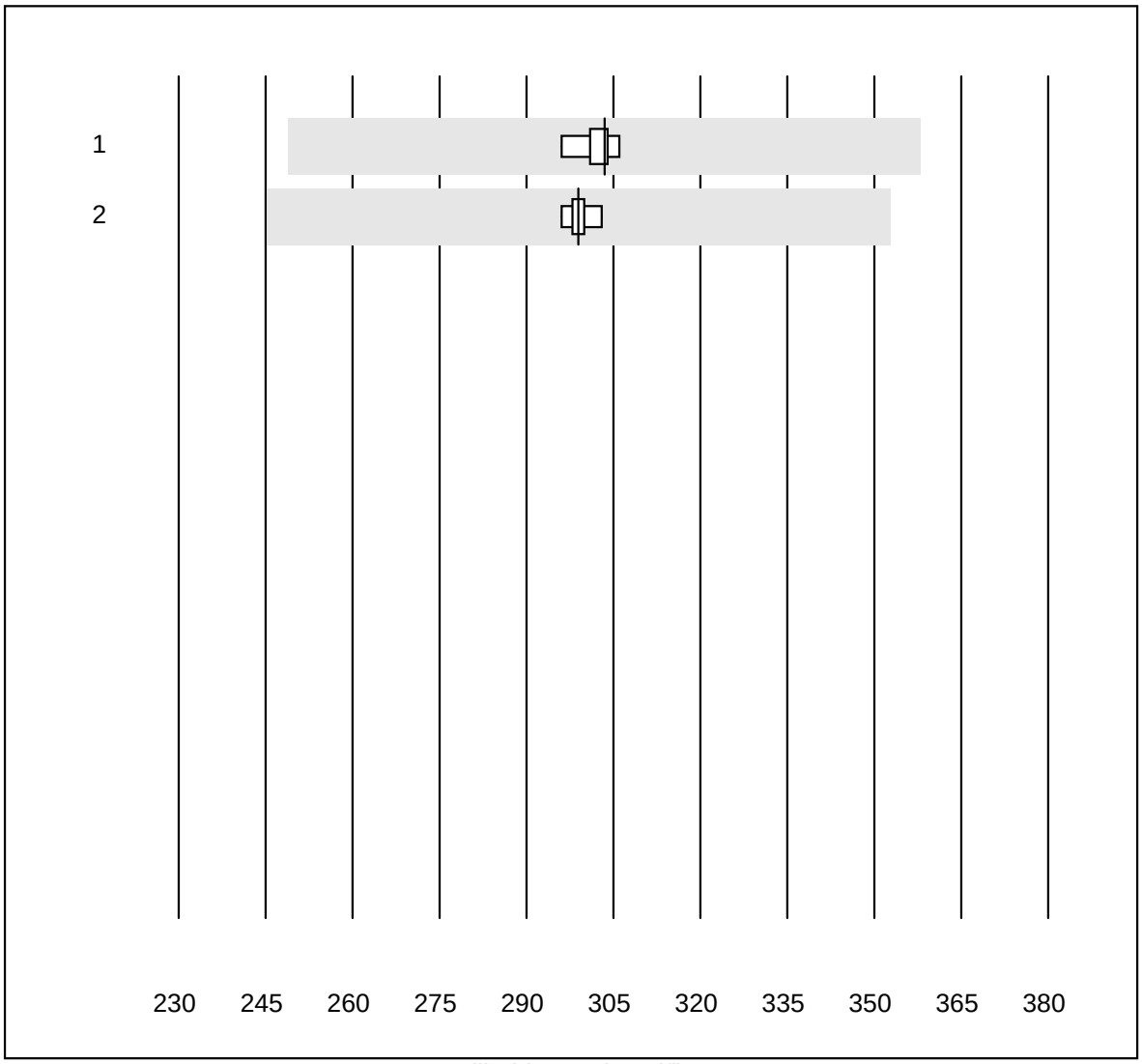
FHbF OR



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL 90	6	100.0	0.0	0.0	84.000	1.8	e
2	ABL 80 / Coox	4	100.0	0.0	0.0	2.550	5.1	e*

Bilirubin OR

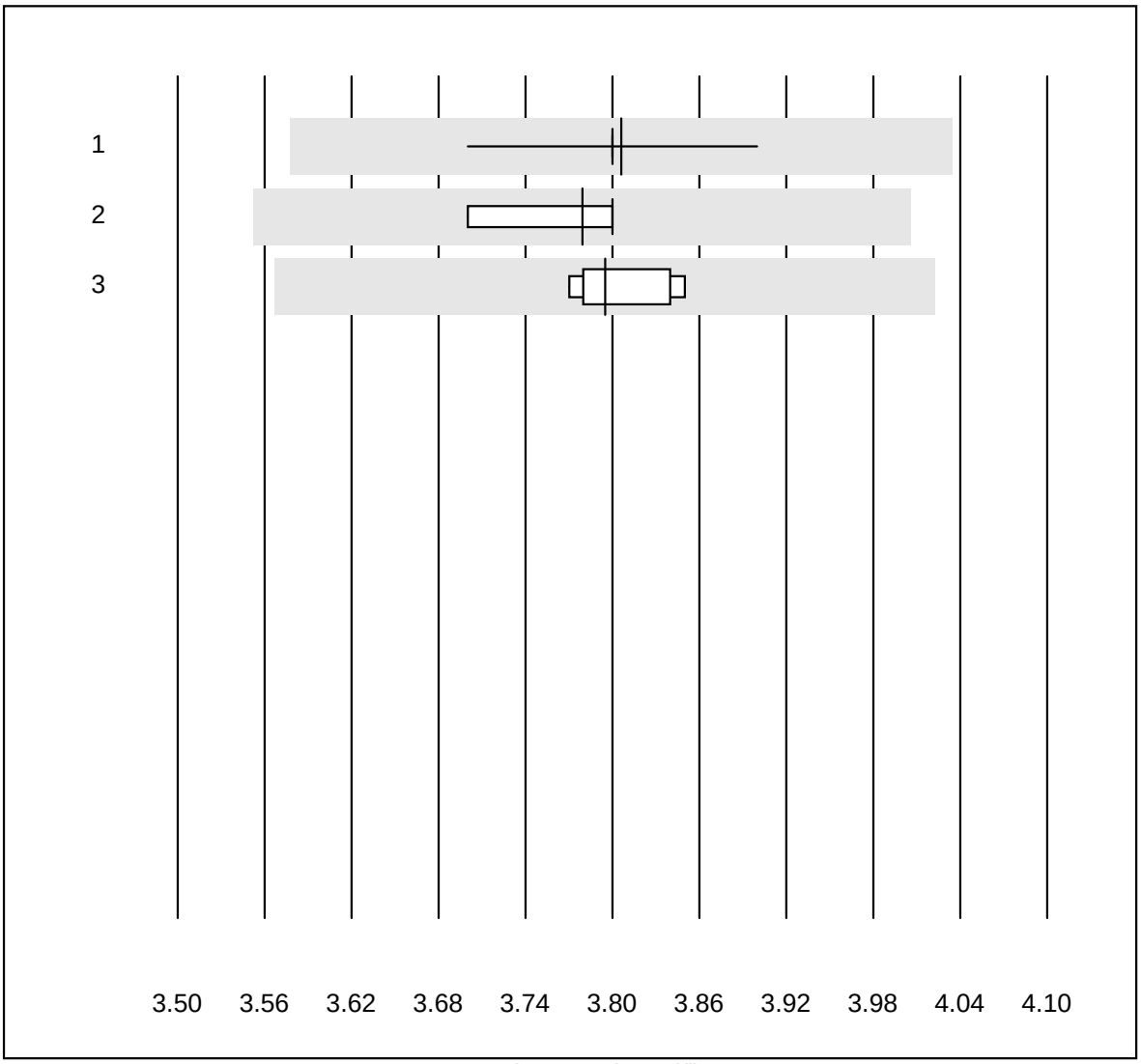


QUALAB tolerance : 18 %

Bilirubin OR (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	8	100.0	0.0	0.0	303.5	1.0	e
2	ABL 90	9	100.0	0.0	0.0	299.0	0.8	e

Potassium OR

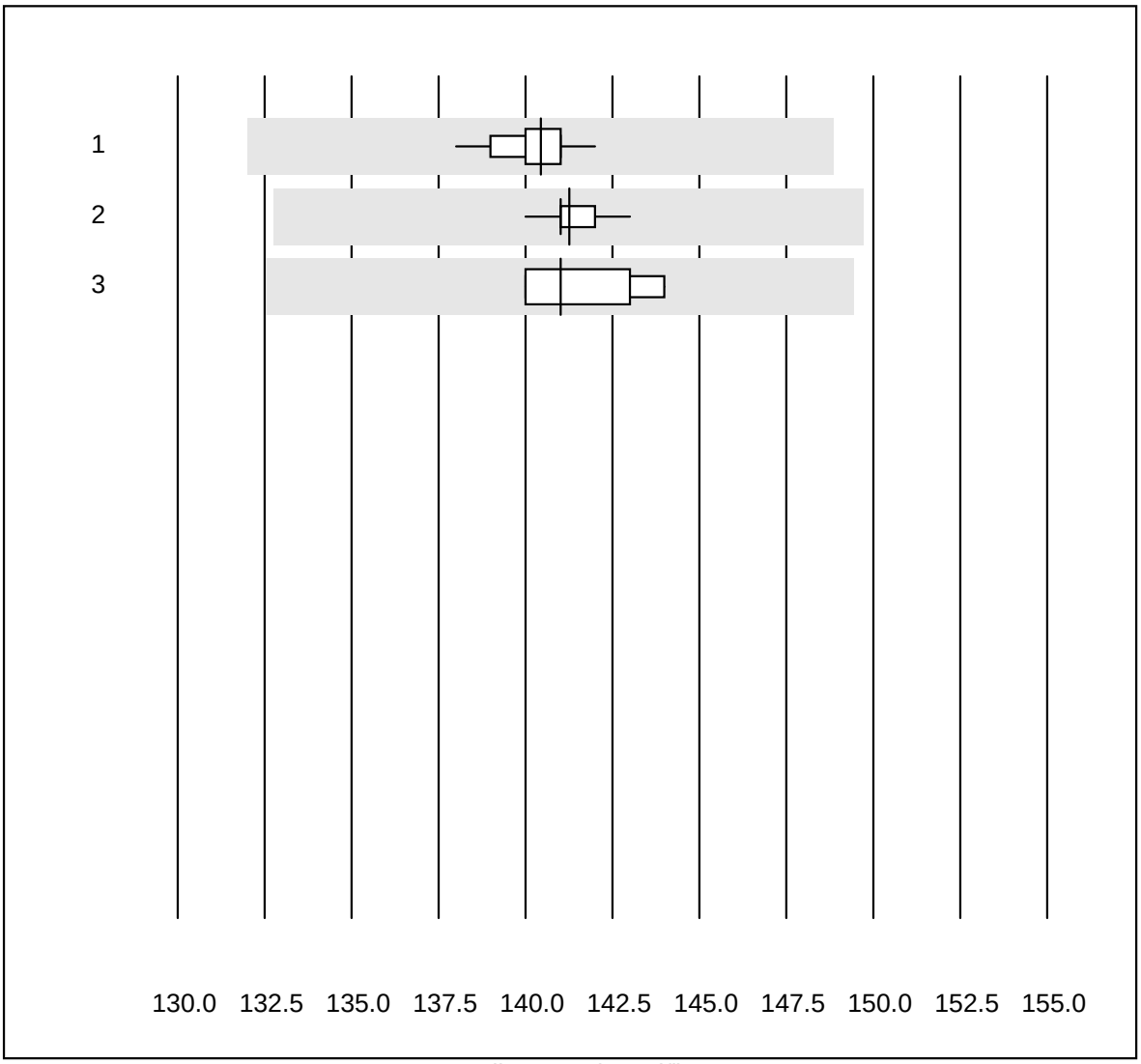


QUALAB tolerance : 6 %

Potassium OR (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	66	100.0	0.0	0.0	3.8	0.9	e
2	ABL 90	24	100.0	0.0	0.0	3.8	1.1	e
3	ABL 80 / Coox	6	100.0	0.0	0.0	3.8	0.9	e

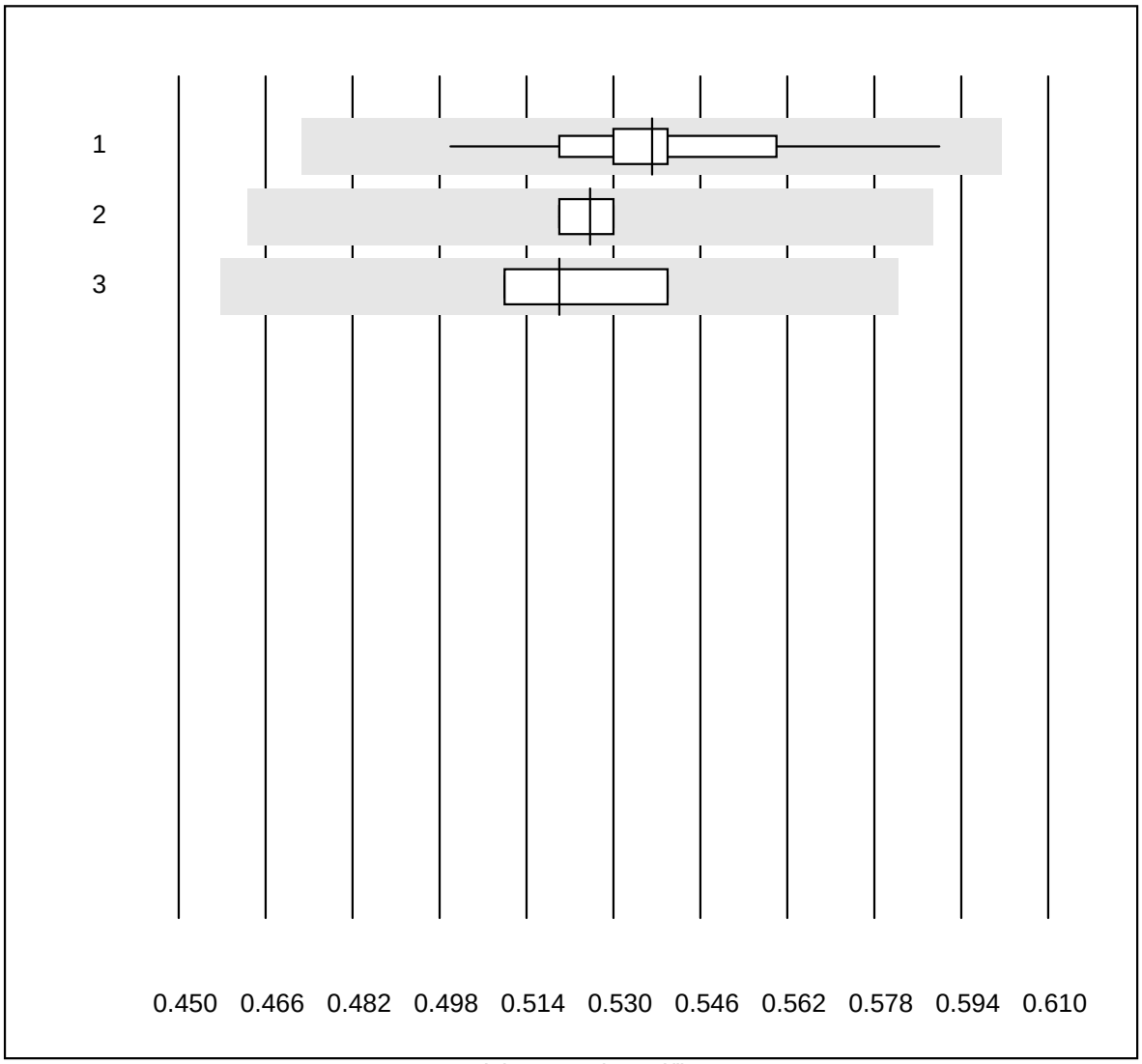
Sodium OR



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	65	100.0	0.0	0.0	140.4	0.6	e
2	ABL 90	24	100.0	0.0	0.0	141.3	0.4	e
3	ABL 80 / Coox	5	100.0	0.0	0.0	141.0	1.3	e

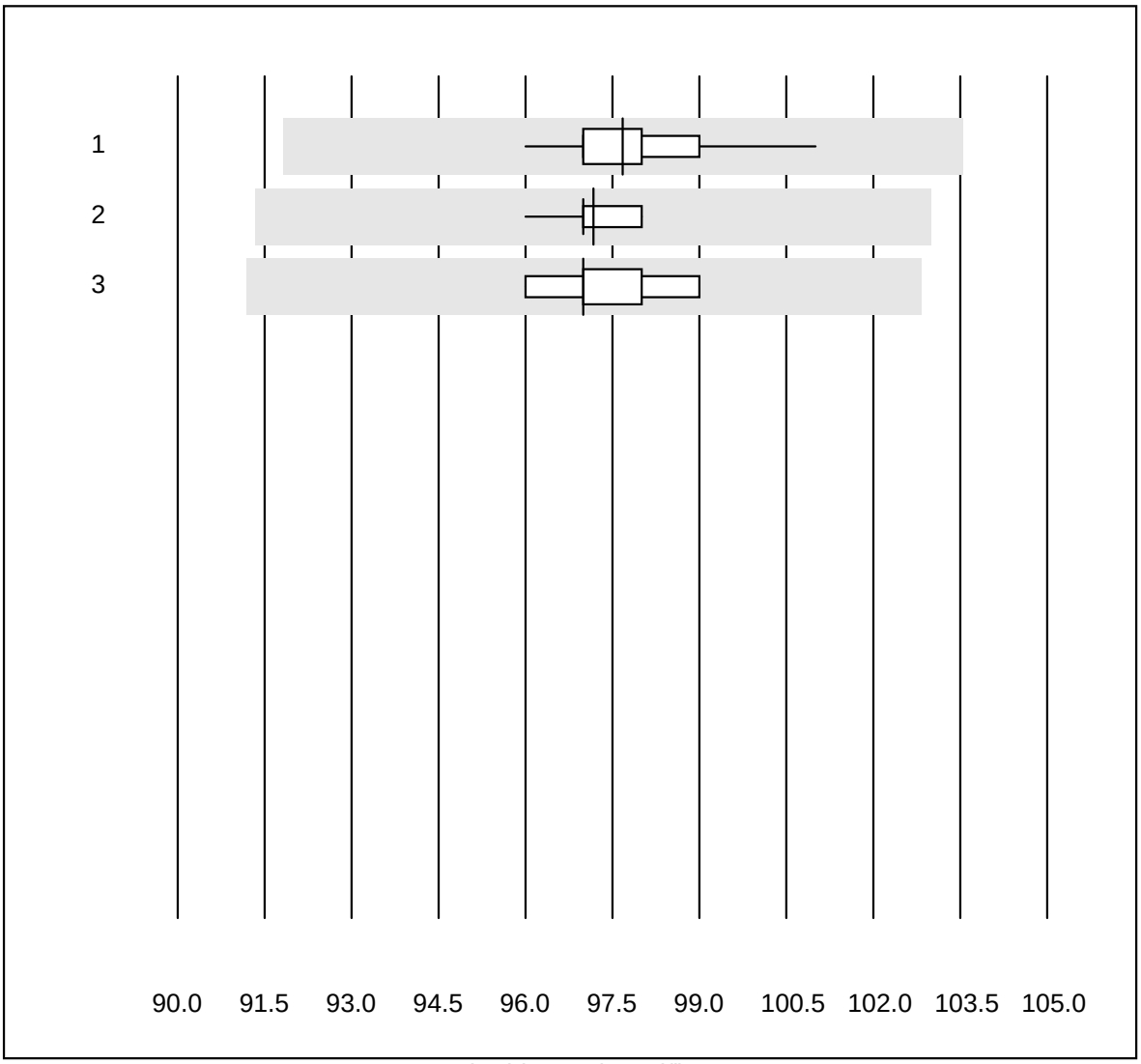
Calcium OR



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	66	100.0	0.0	0.0	0.54	3.1	e
2	ABL 90	24	95.8	0.0	4.2	0.53	1.0	e
3	ABL 80 / Coox	5	100.0	0.0	0.0	0.52	2.9	e

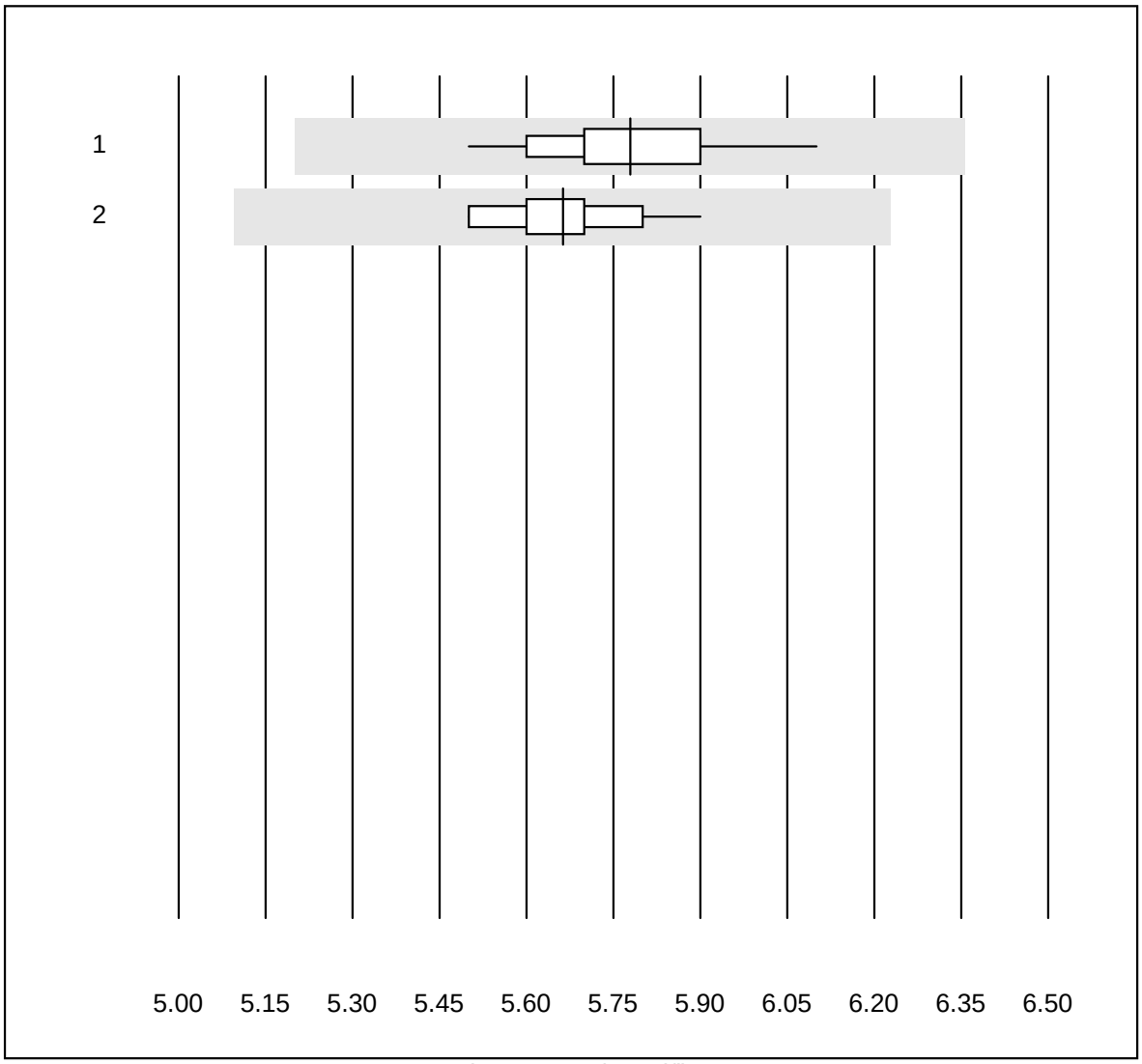
Choride OR



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	56	100.0	0.0	0.0	97.67	1.1	e
2	ABL 90	24	100.0	0.0	0.0	97.17	0.5	e
3	ABL 80 / Coox	5	100.0	0.0	0.0	97.00	1.2	e

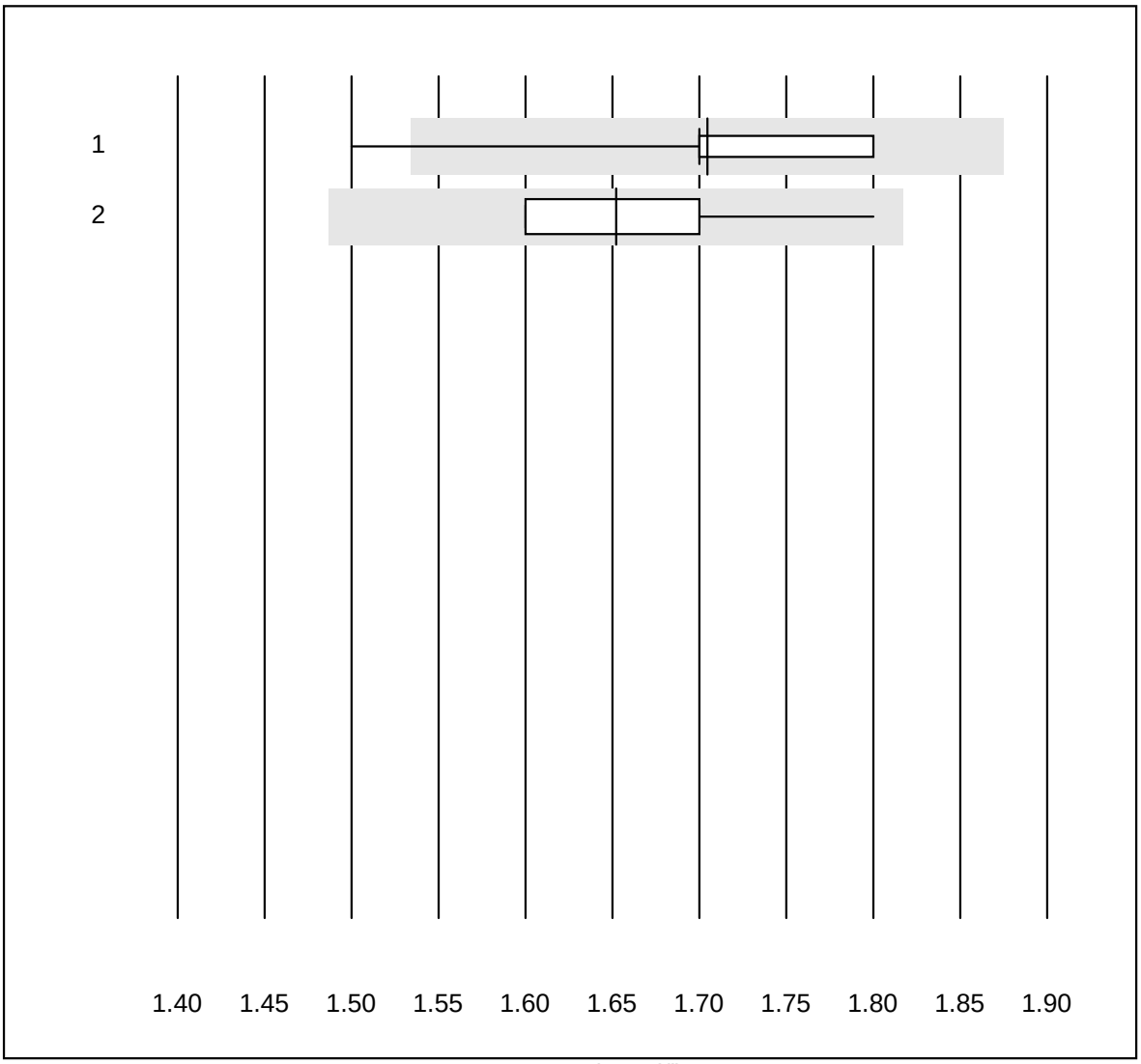
Glucose OR



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	67	98.5	0.0	1.5	5.8	2.1	e
2	ABL 90	24	100.0	0.0	0.0	5.7	1.9	e

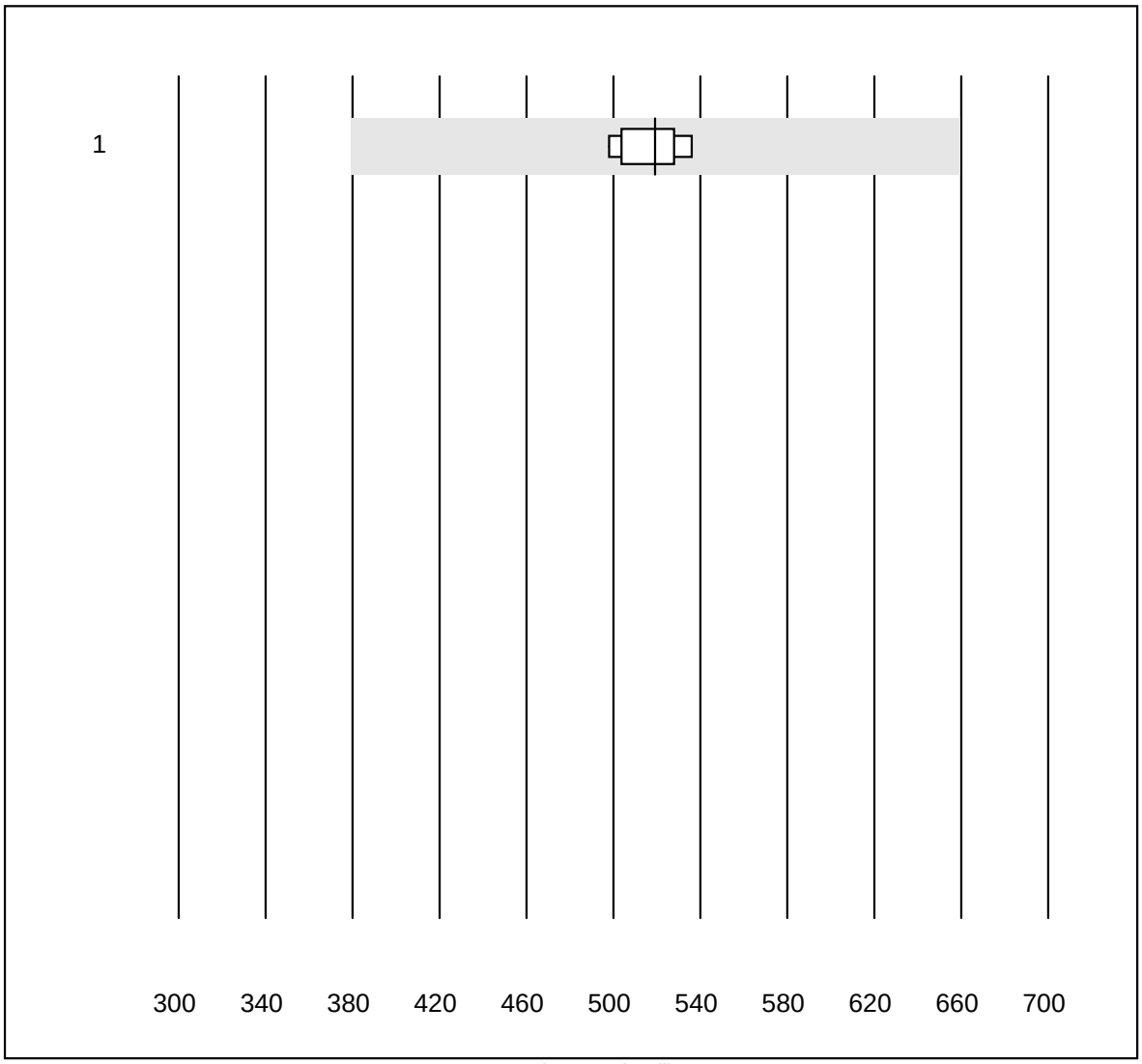
Lactate OR



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	69	97.2	1.4	1.4	1.70	3.1	e
2	ABL 90	24	100.0	0.0	0.0	1.65	3.9	e

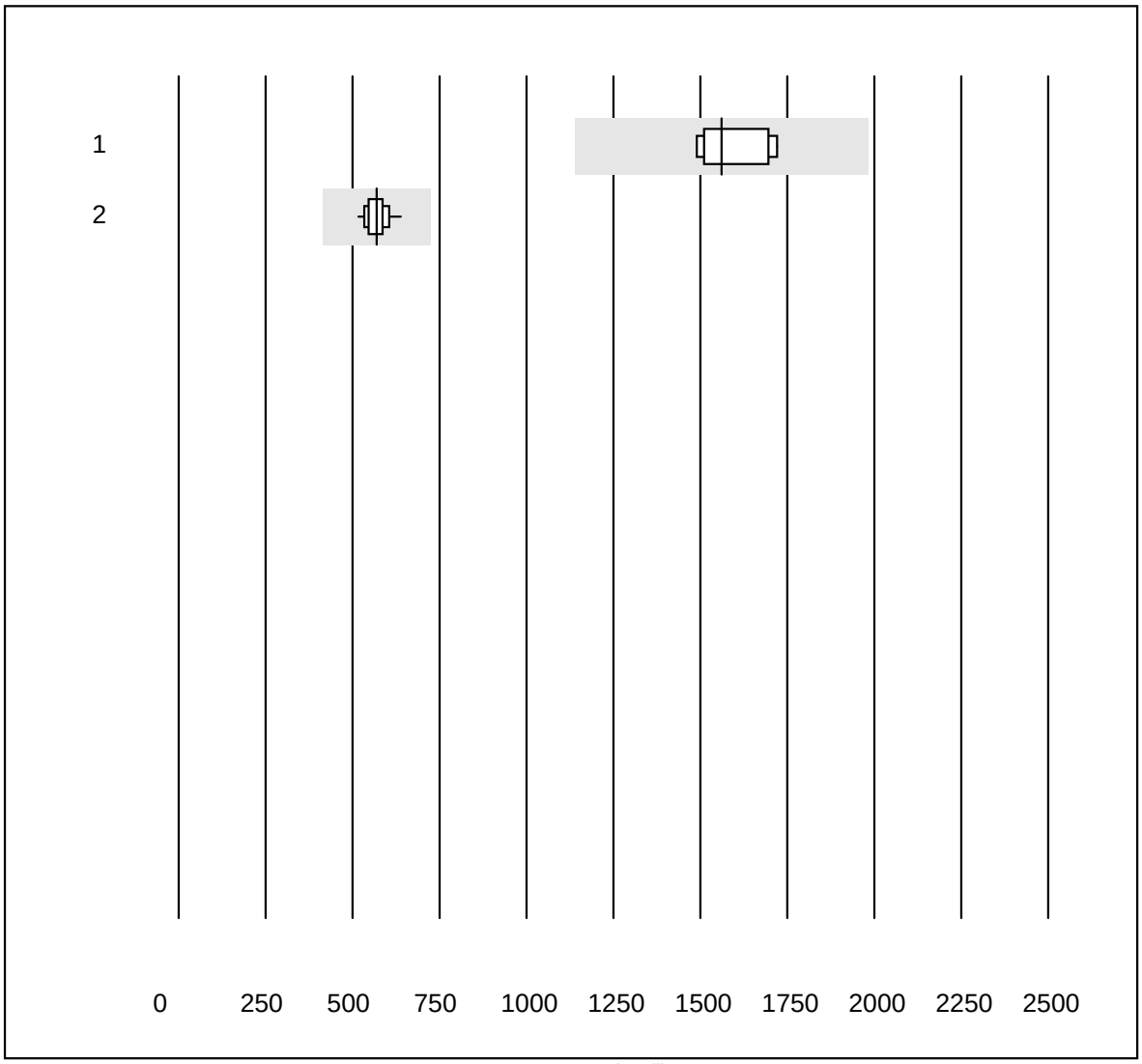
BNP Plasma



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ADVIA Centaur XP/CP	5	100.0	0.0	0.0	519.3	3.1	e

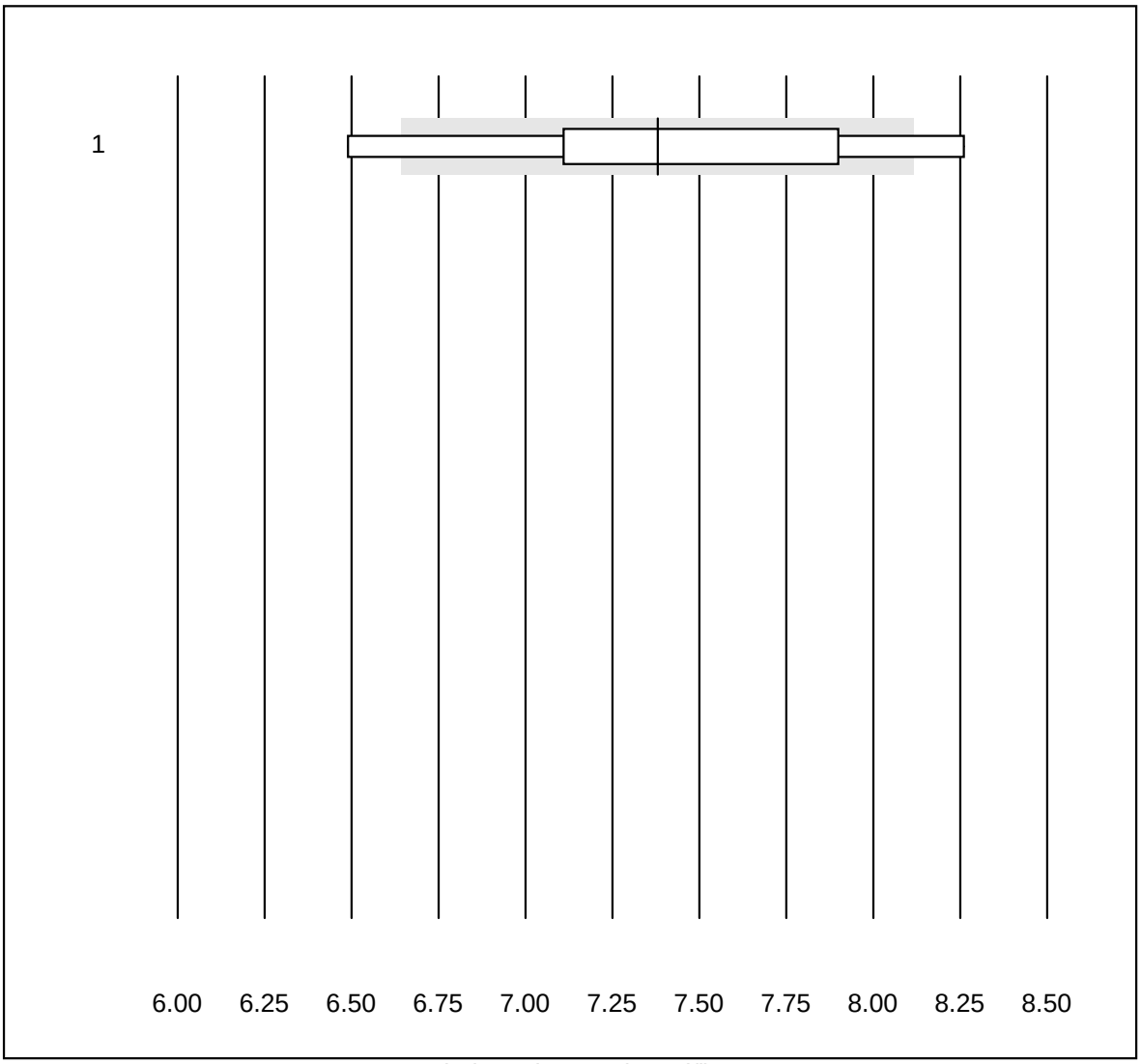
NT-proBNP



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AQT 90 FLEX	5	100.0	0.0	0.0	1560.0	6.5	e
2	Cobas E / Elecsys	12	100.0	0.0	0.0	570.1	6.1	e

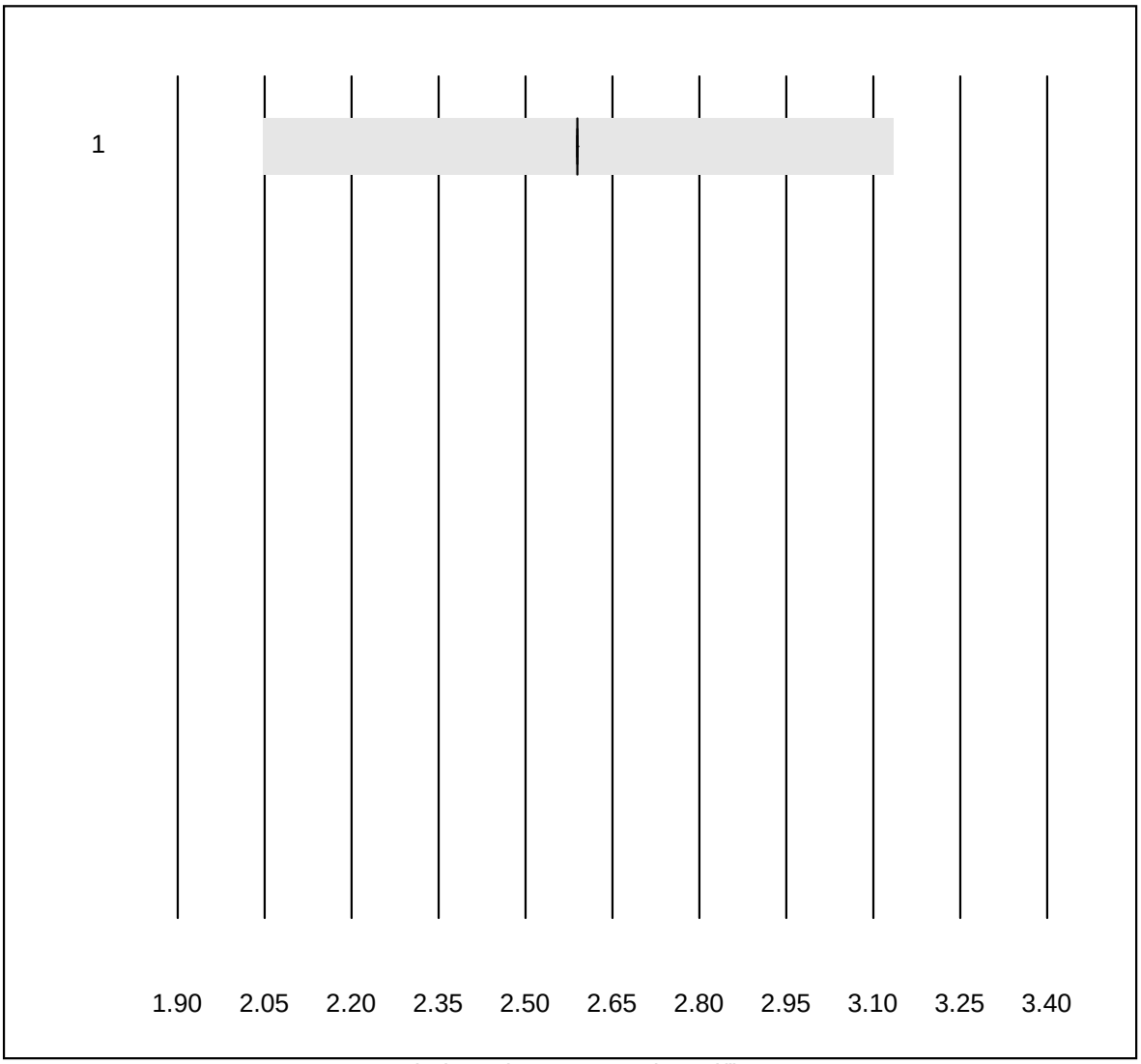
Cholesterin PTS



QUALAB tolerance : 10 %

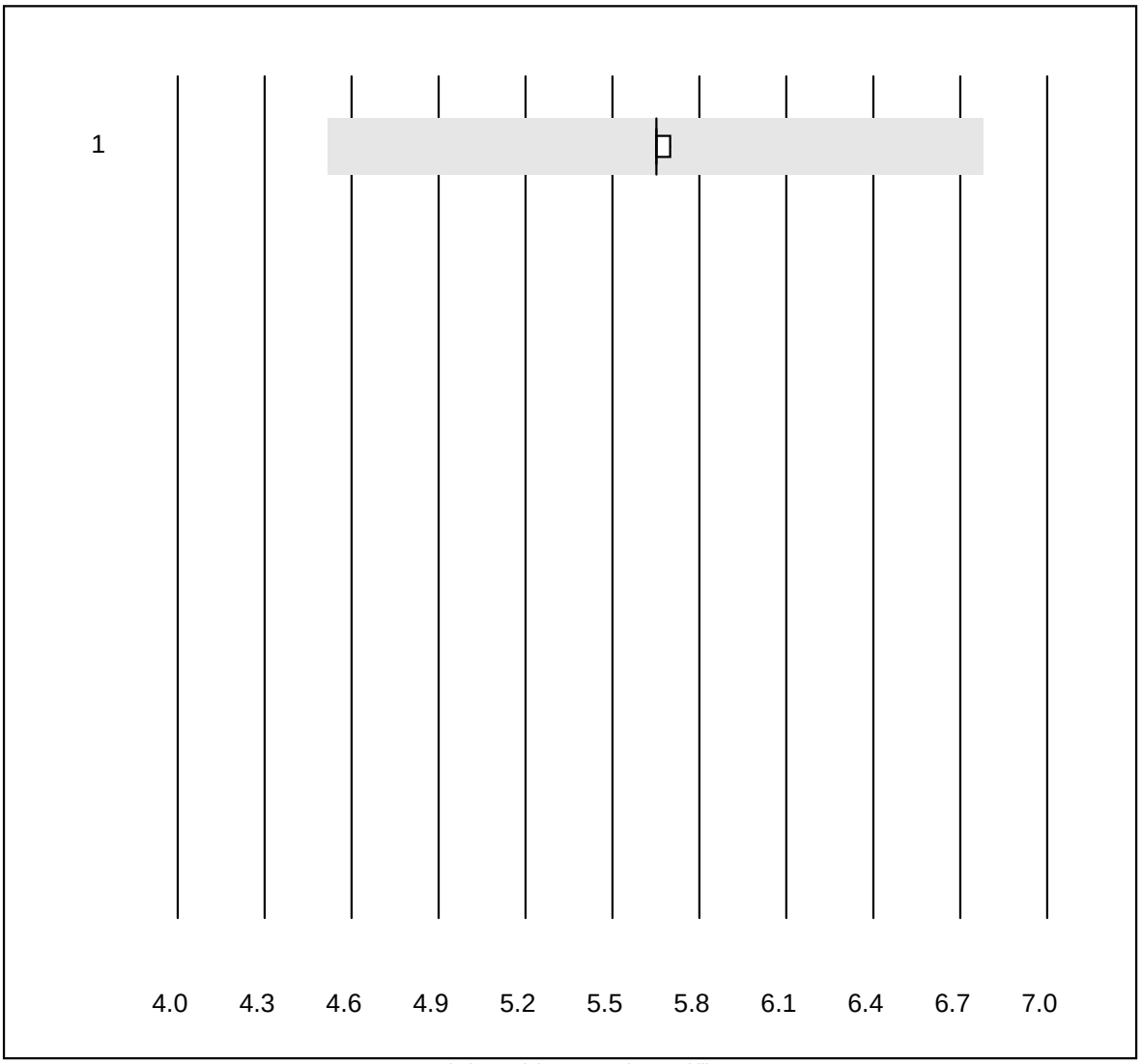
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	5	60.0	40.0	0.0	7.4	9.3	e*

Cholesterin HDL PTS



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	5	100.0	0.0	0.0	2.6	0.0	e

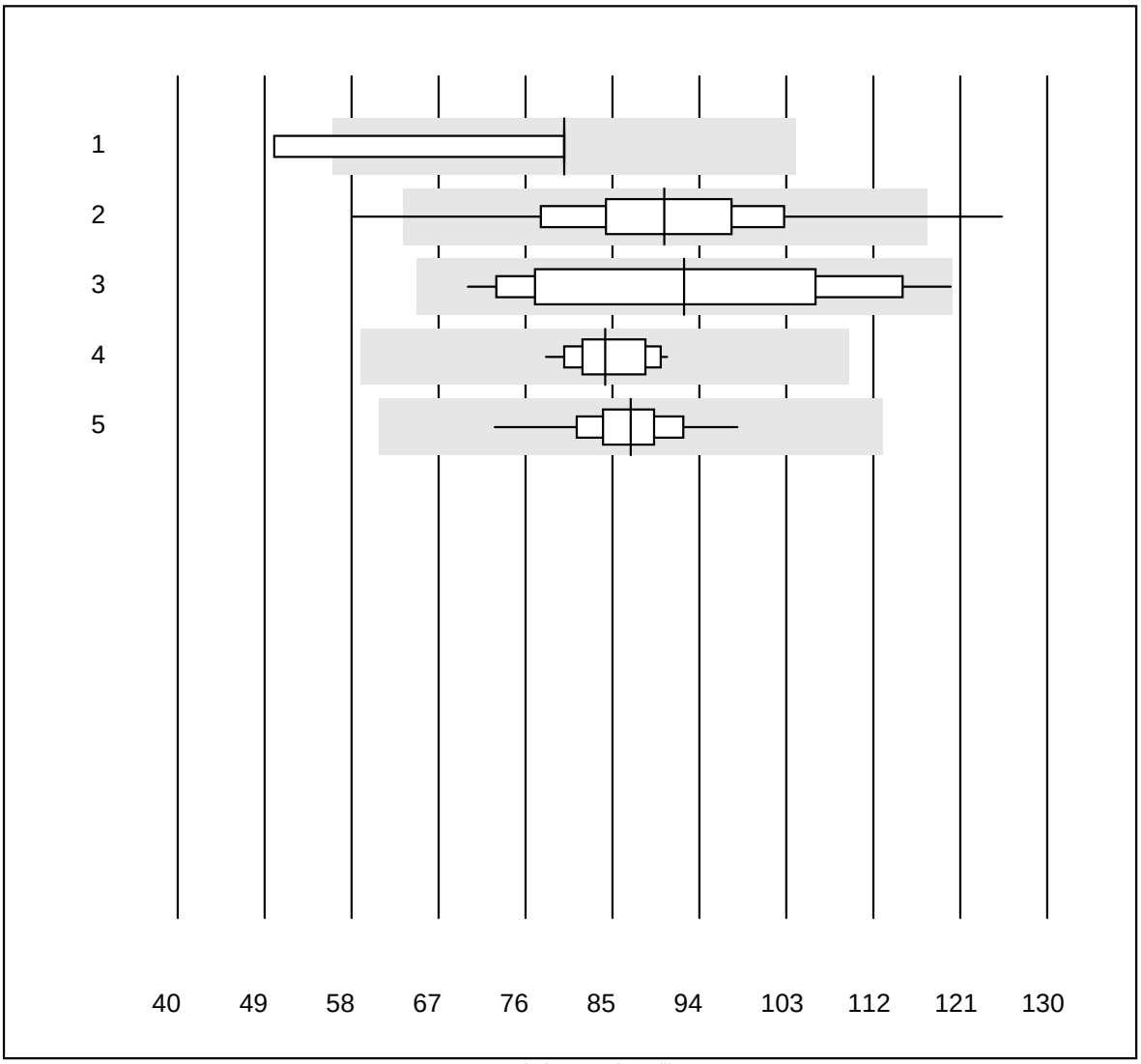
Triglyceride PTS



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	5	100.0	0.0	0.0	5.65	0.4	e

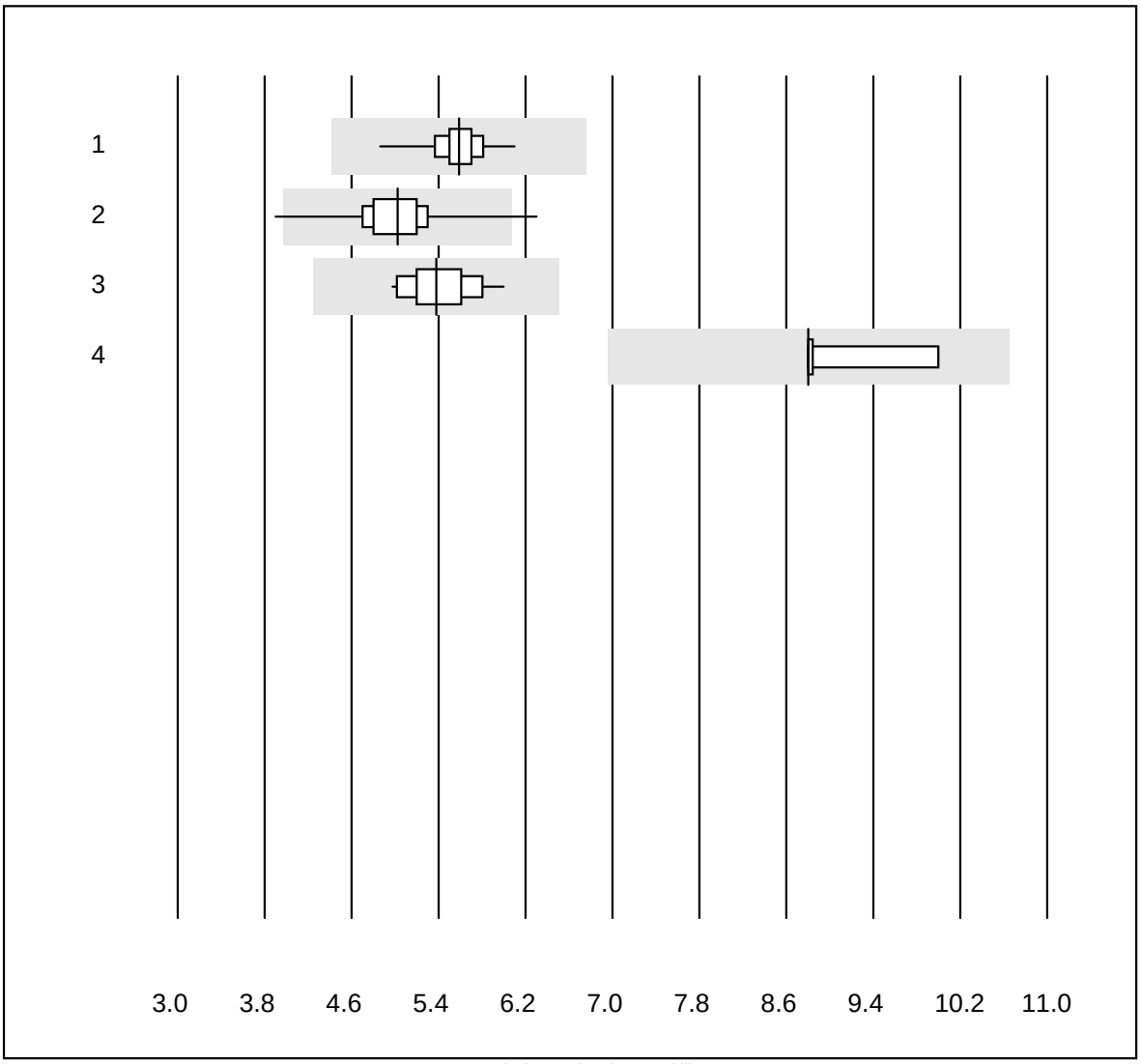
Creatinine U



QUALAB tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Clinitek	11	72.7	9.1	18.2	80.0	13.4	a
2	Afinion	318	97.8	1.3	0.9	90.4	10.9	e
3	NycoCard	19	94.7	0.0	5.3	92.4	17.1	e*
4	Turbidimetry	13	100.0	0.0	0.0	84.2	4.8	e
5	DCA2000/Vantage	111	97.3	0.0	2.7	86.9	5.0	e

Creatinin Urin

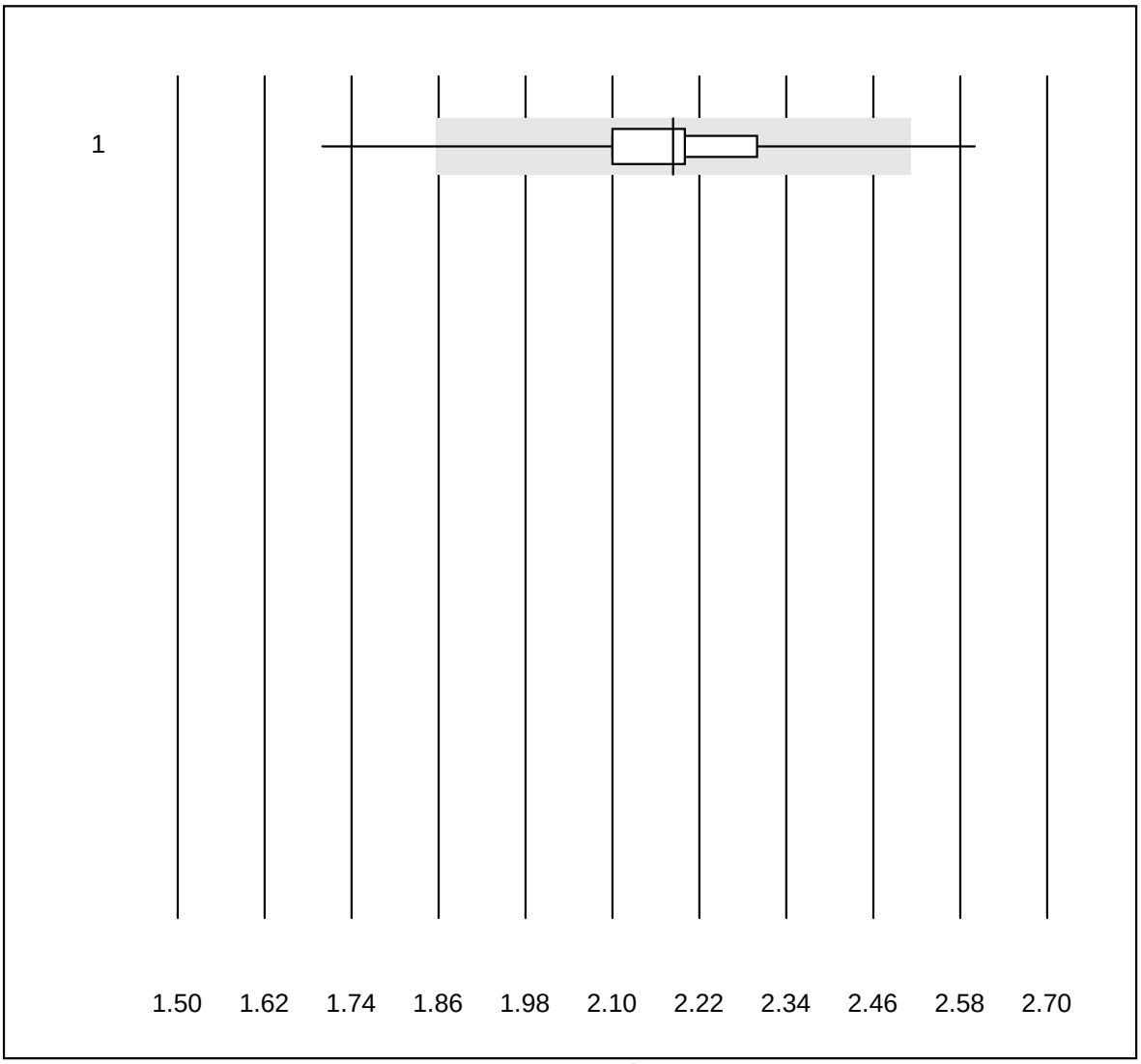


QUALAB tolerance : 21 %

Creatinin Urin (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	DCA2000/Vantage	111	95.5	0.0	4.5	5.6	3.6	e
2	Afinion	318	98.8	0.6	0.6	5.0	5.7	e
3	Standard chemistry	23	100.0	0.0	0.0	5.4	5.4	e
4	Siemens Clinitek	9	66.7	0.0	33.3	8.8	5.3	e

INR CCXS

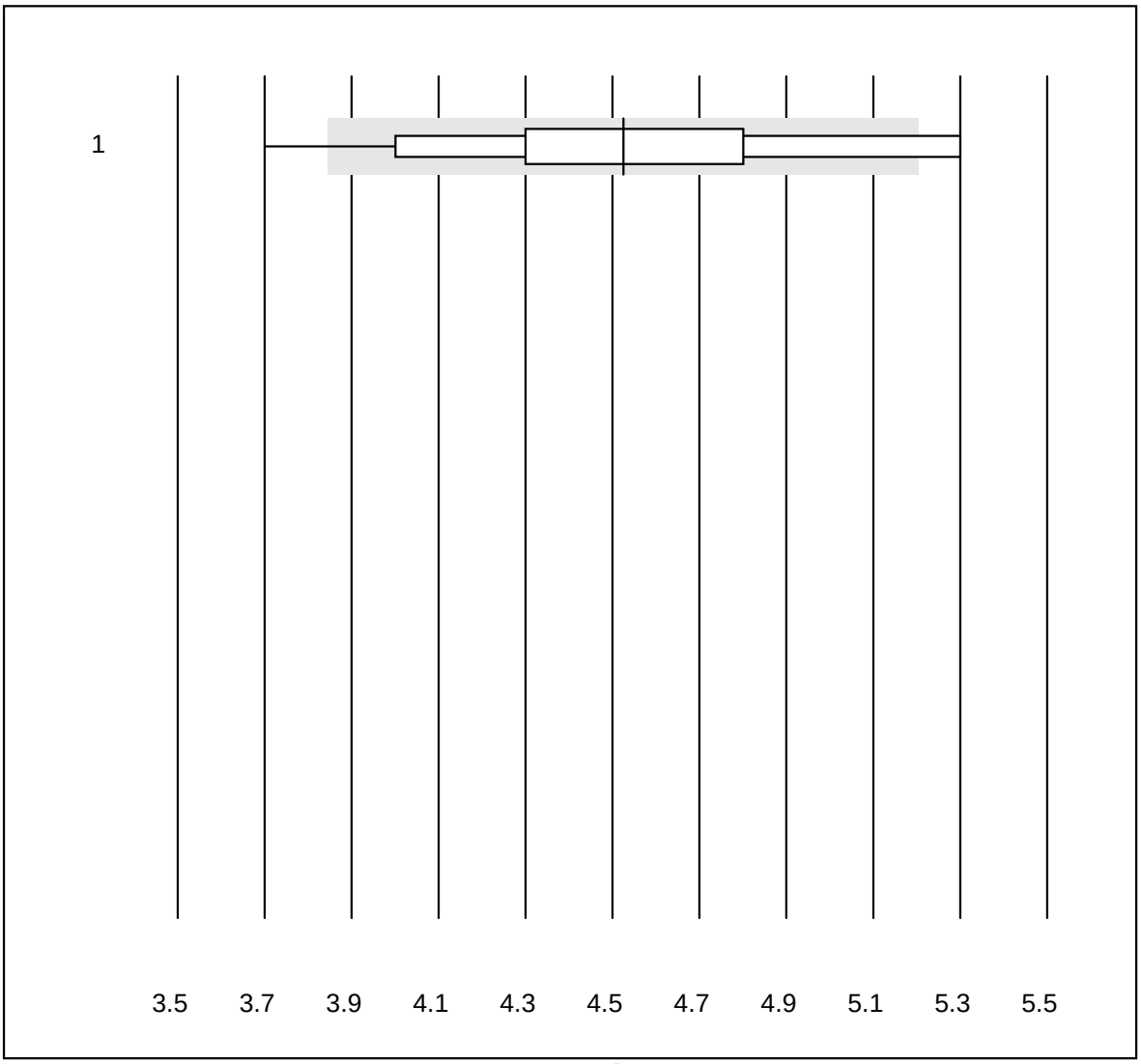


QUALAB tolerance : 15 %

INR CCXS ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CoaguChek XS	2342	98.1	1.6	0.3	2.2	4.8	e

INR HC

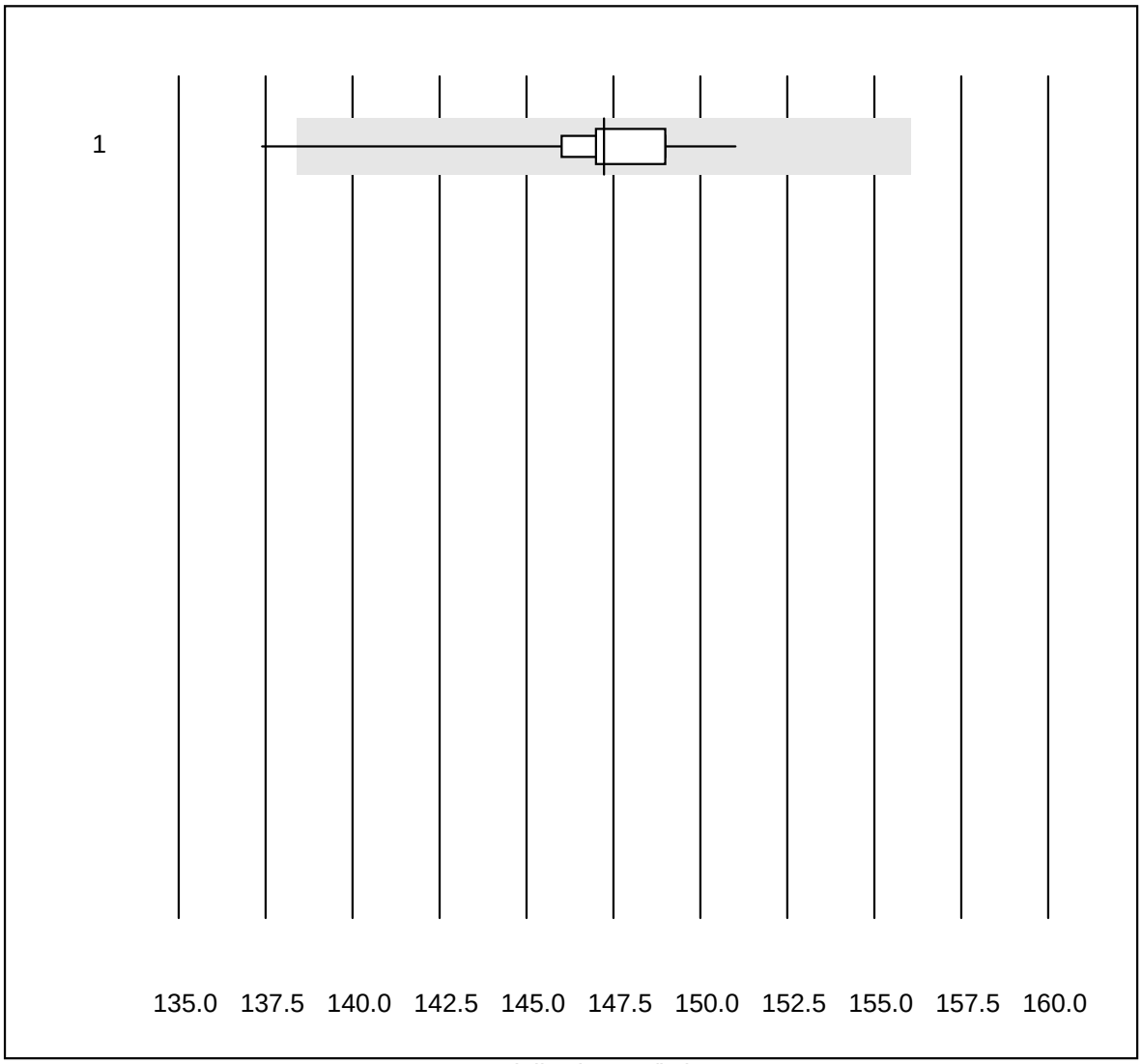


QUALAB tolerance : 15 %

INR HC ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Hemochron j.	24	66.7	20.8	12.5	4.5	10.4	e*

Osmolality

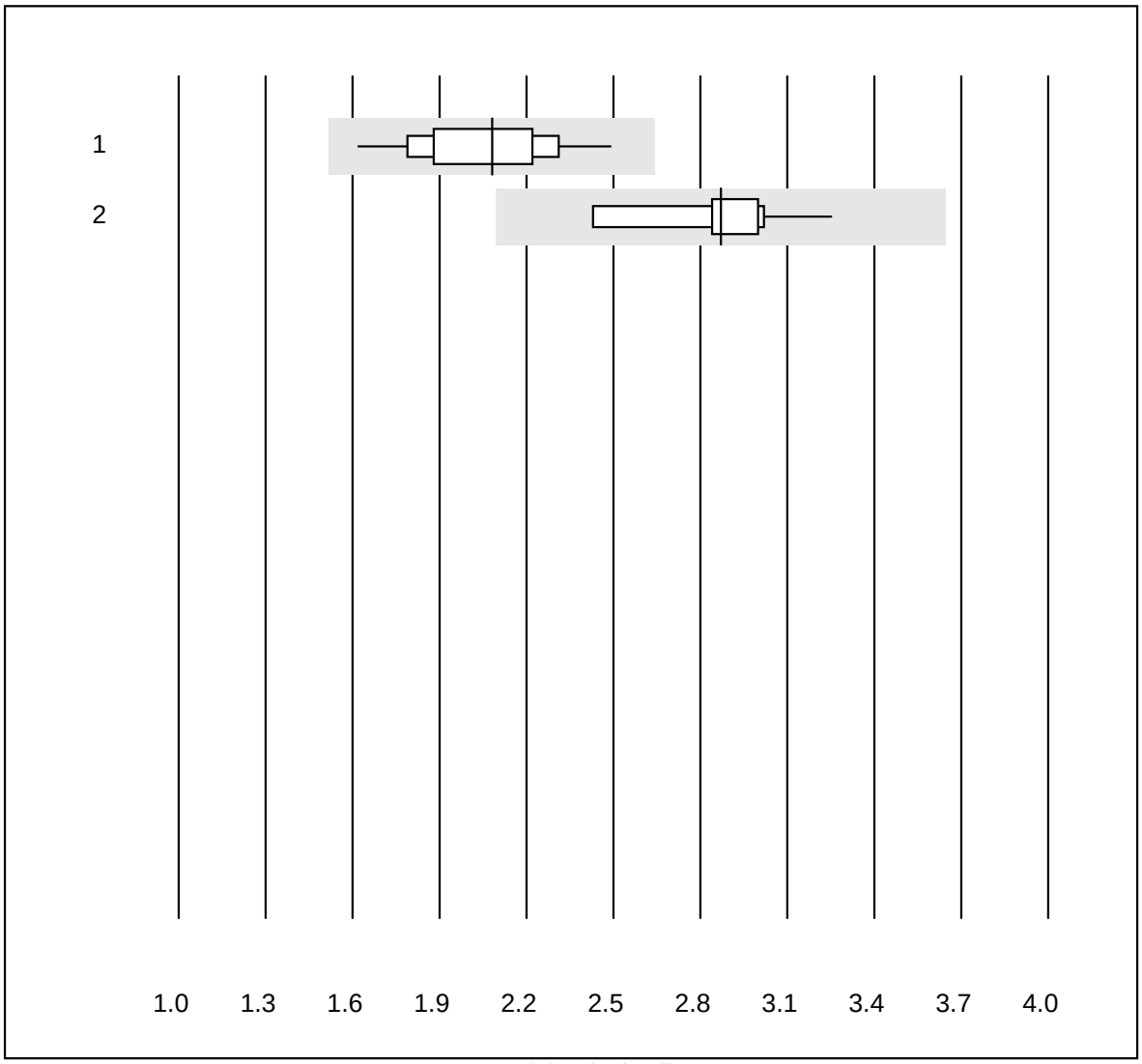


QUALAB tolerance : 6 %

Osmolality (mosm/kg)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cryoskopy	11	90.9	9.1	0.0	147	2.4	e*

Procalcitonin

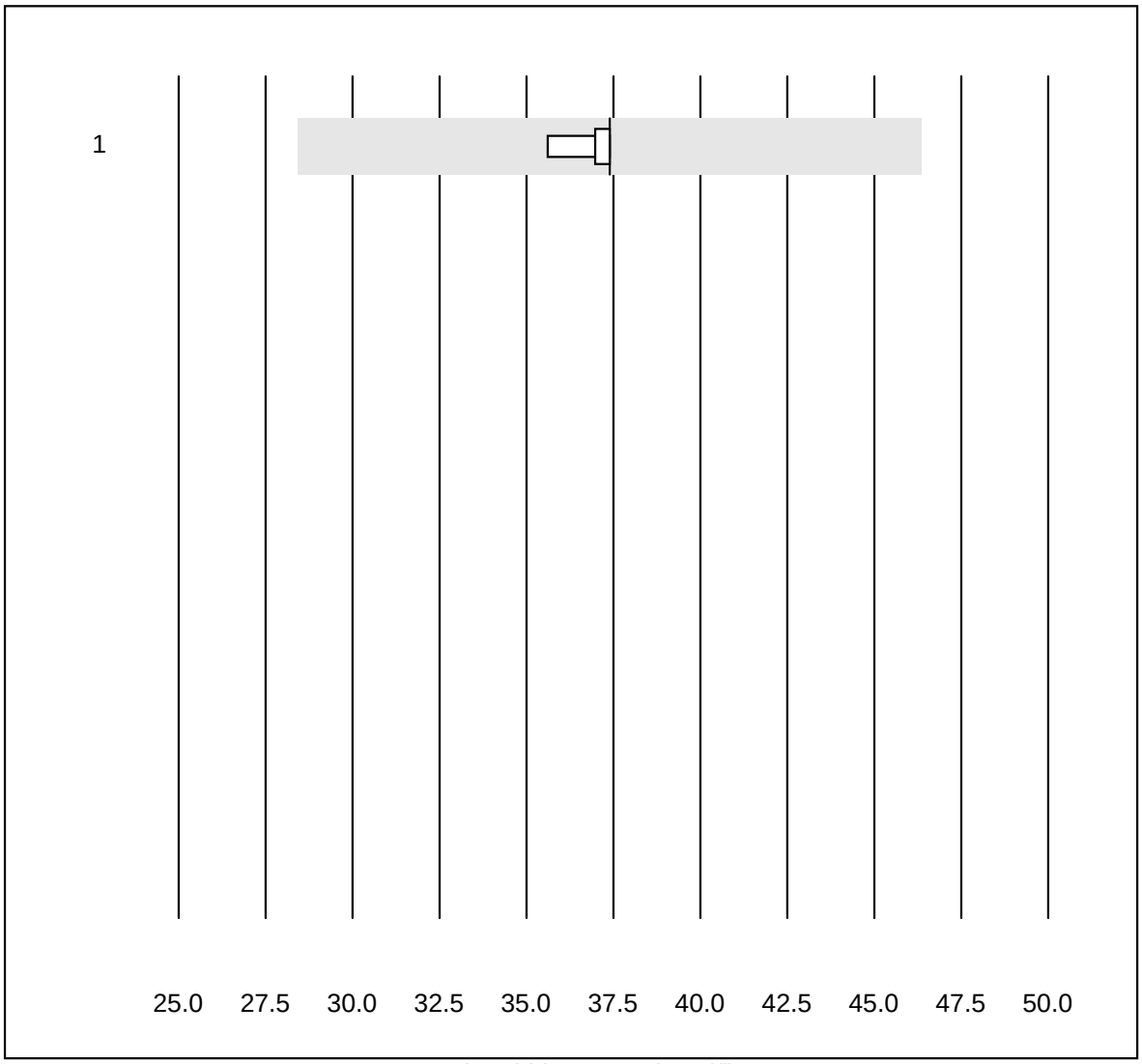


QUALAB tolerance : 27 %

Procalcitonin (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	16	100.0	0.0	0.0	2.08	10.7	e
2	Mini Vidas	10	100.0	0.0	0.0	2.87	8.8	e

Parathyroid hormone

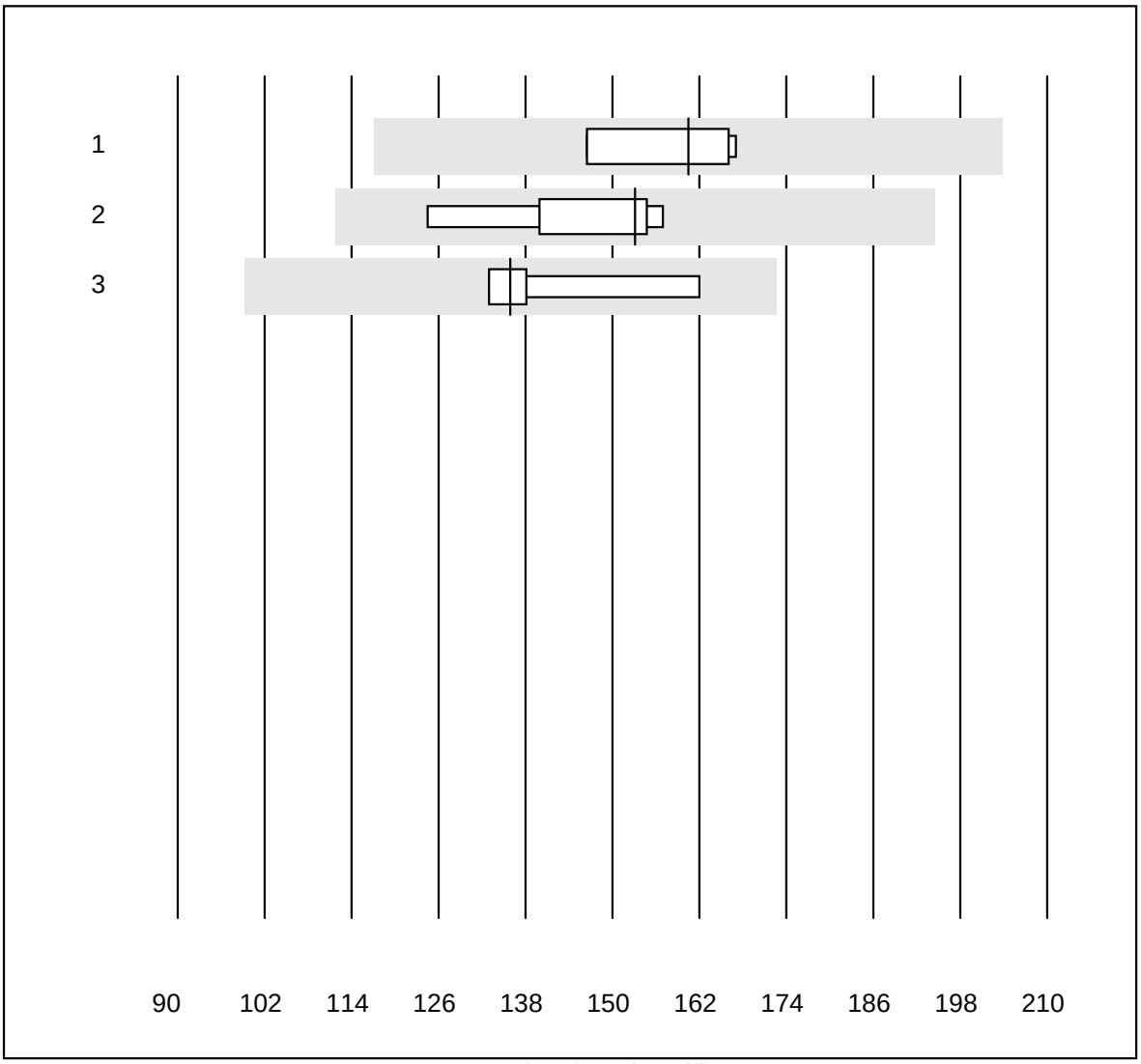


QUALAB tolerance : 24 %

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	37.4	2.0	e

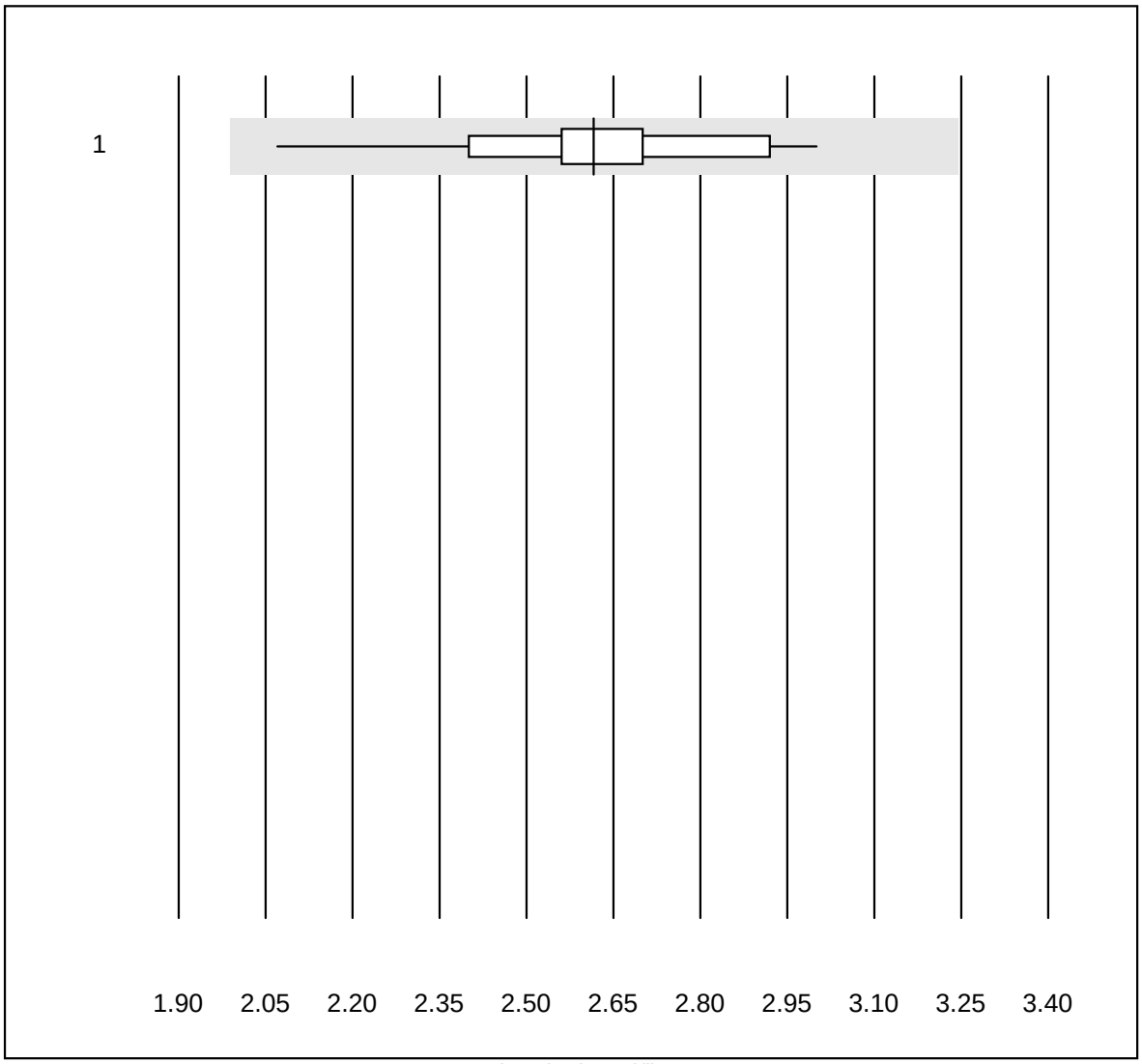
25-OH Vitamin D



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Qualigen	4	100.0	0.0	0.0	160.5	6.1	e
2	Cobas	7	100.0	0.0	0.0	153.1	7.9	e
3	Architect	4	100.0	0.0	0.0	135.9	9.7	e*

Digoxin

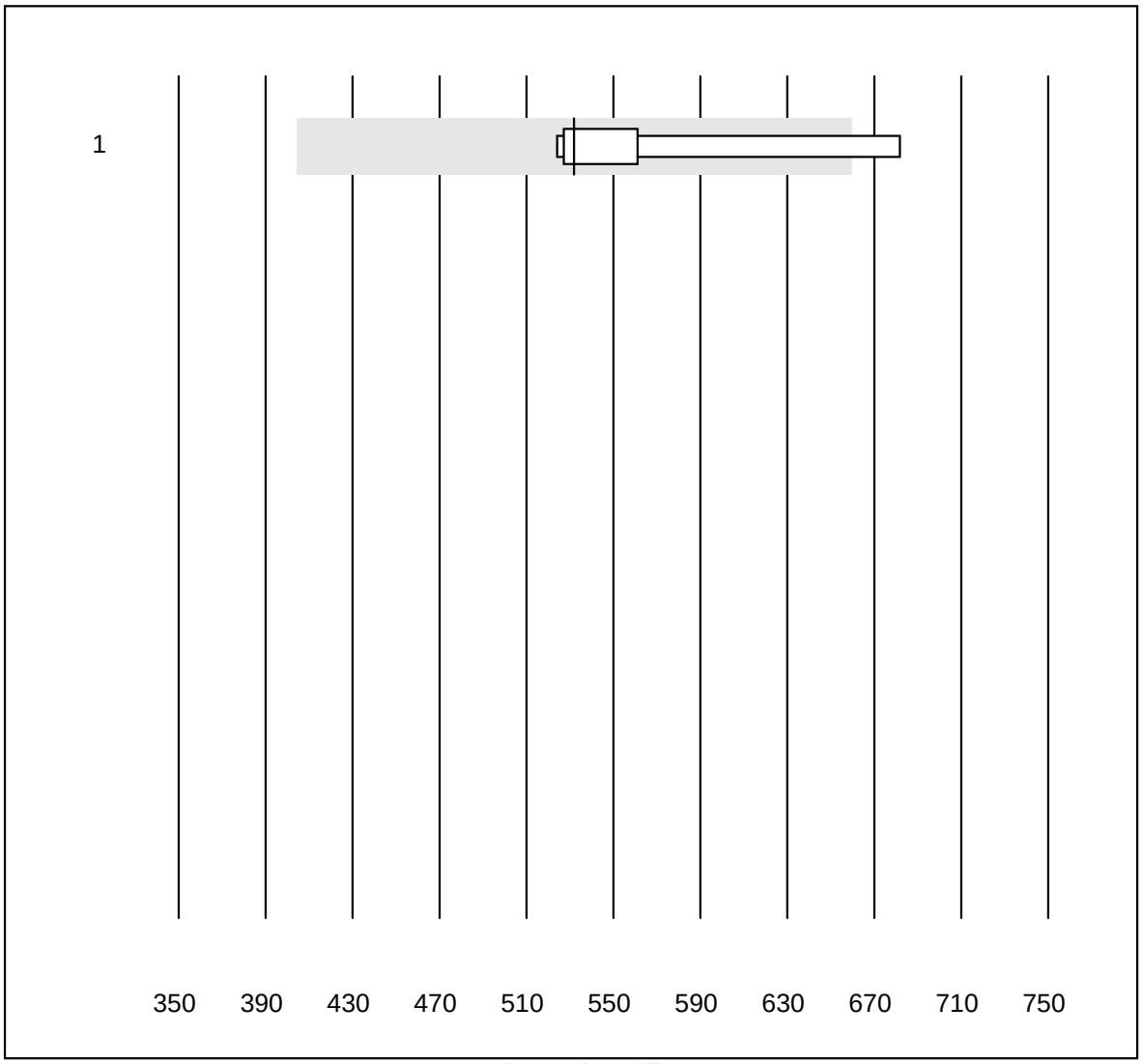


QUALAB tolerance : 24 %

Digoxin (nmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	11	100.0	0.0	0.0	2.62	9.4	e

Valproat

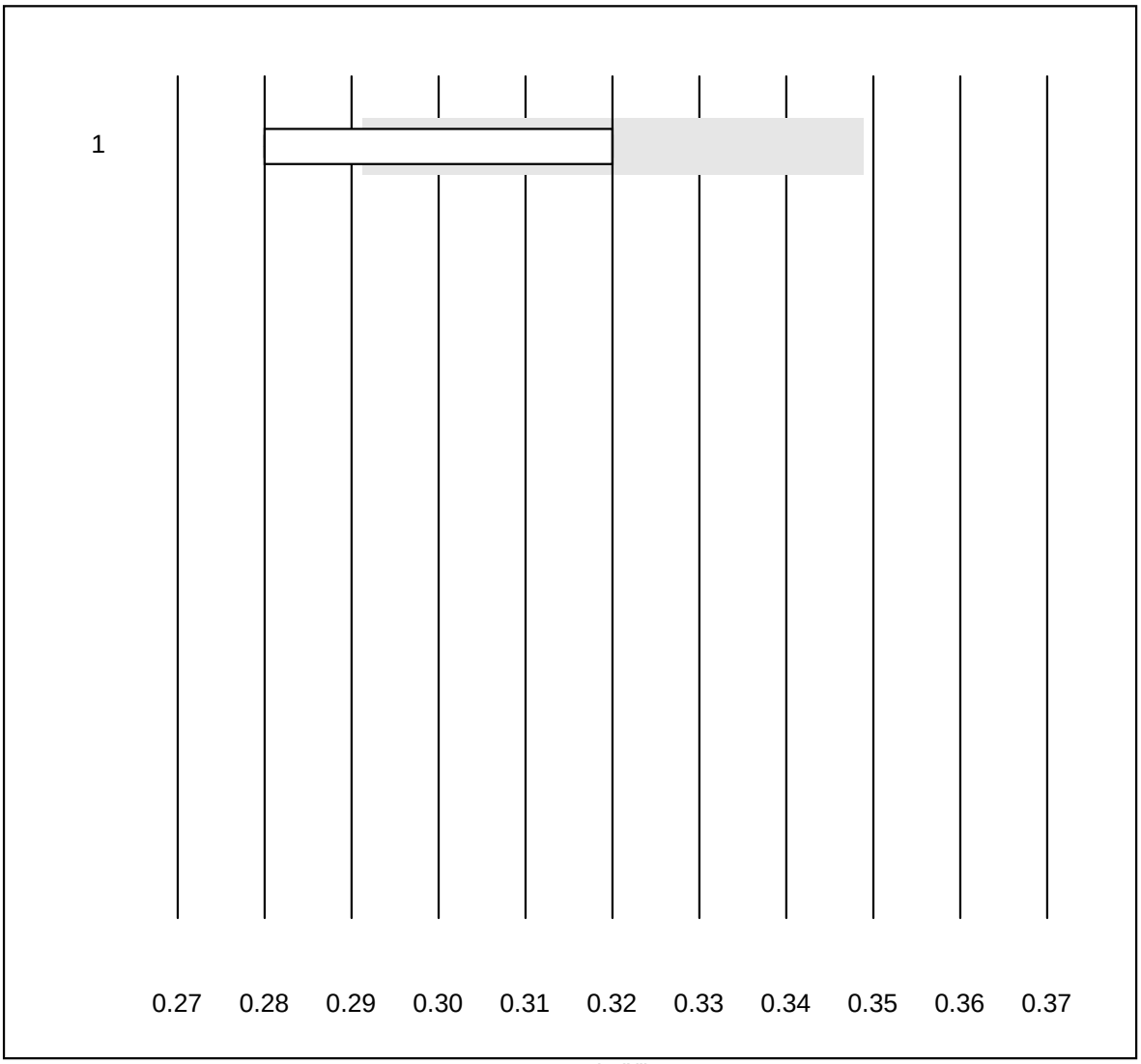


QUALAB tolerance : 24 %

Valproat (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	80.0	20.0	0.0	532.0	11.8	e*

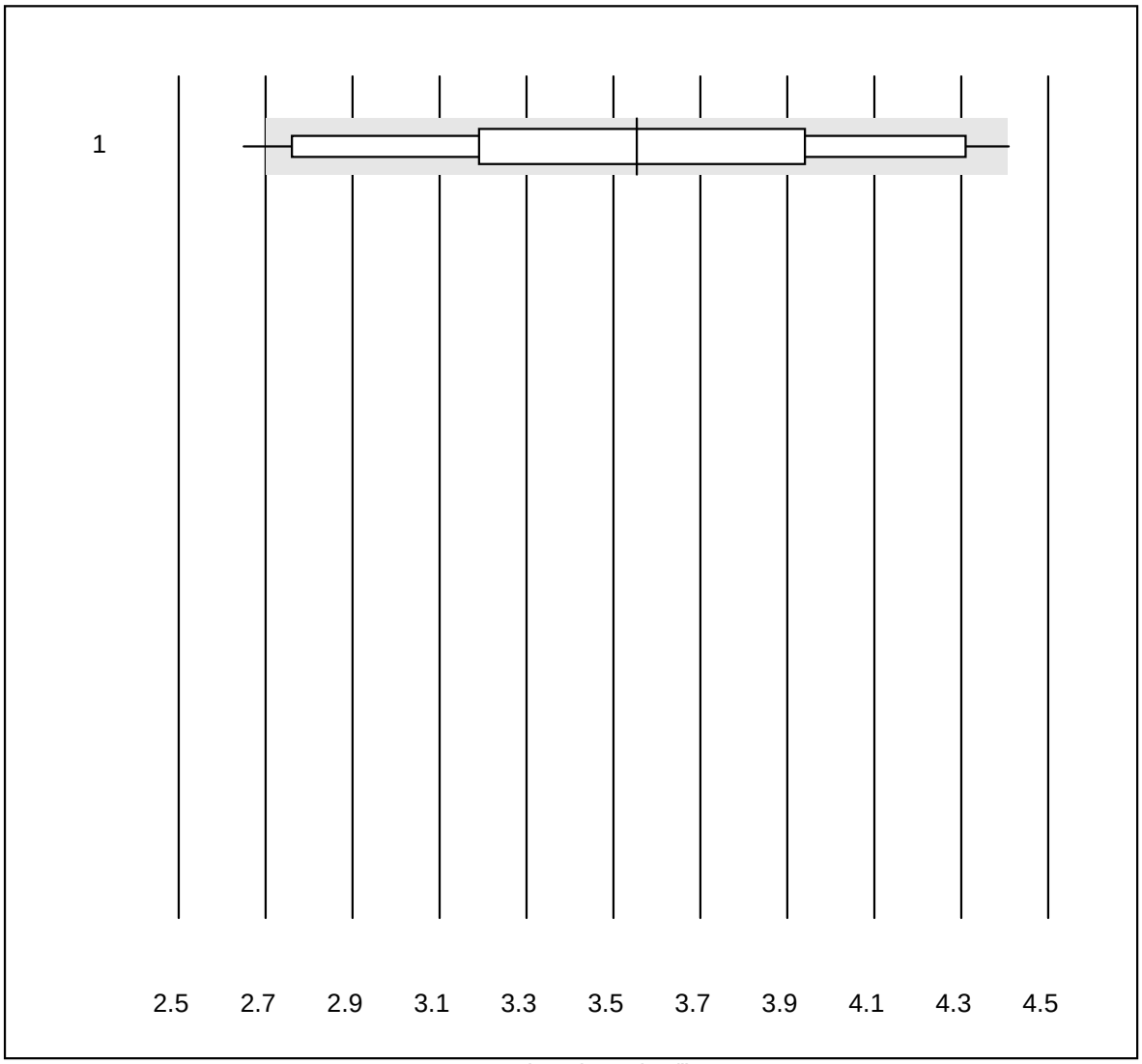
Hematocrit



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	EPOC	4	50.0	25.0	25.0	0.32	7.5	e*

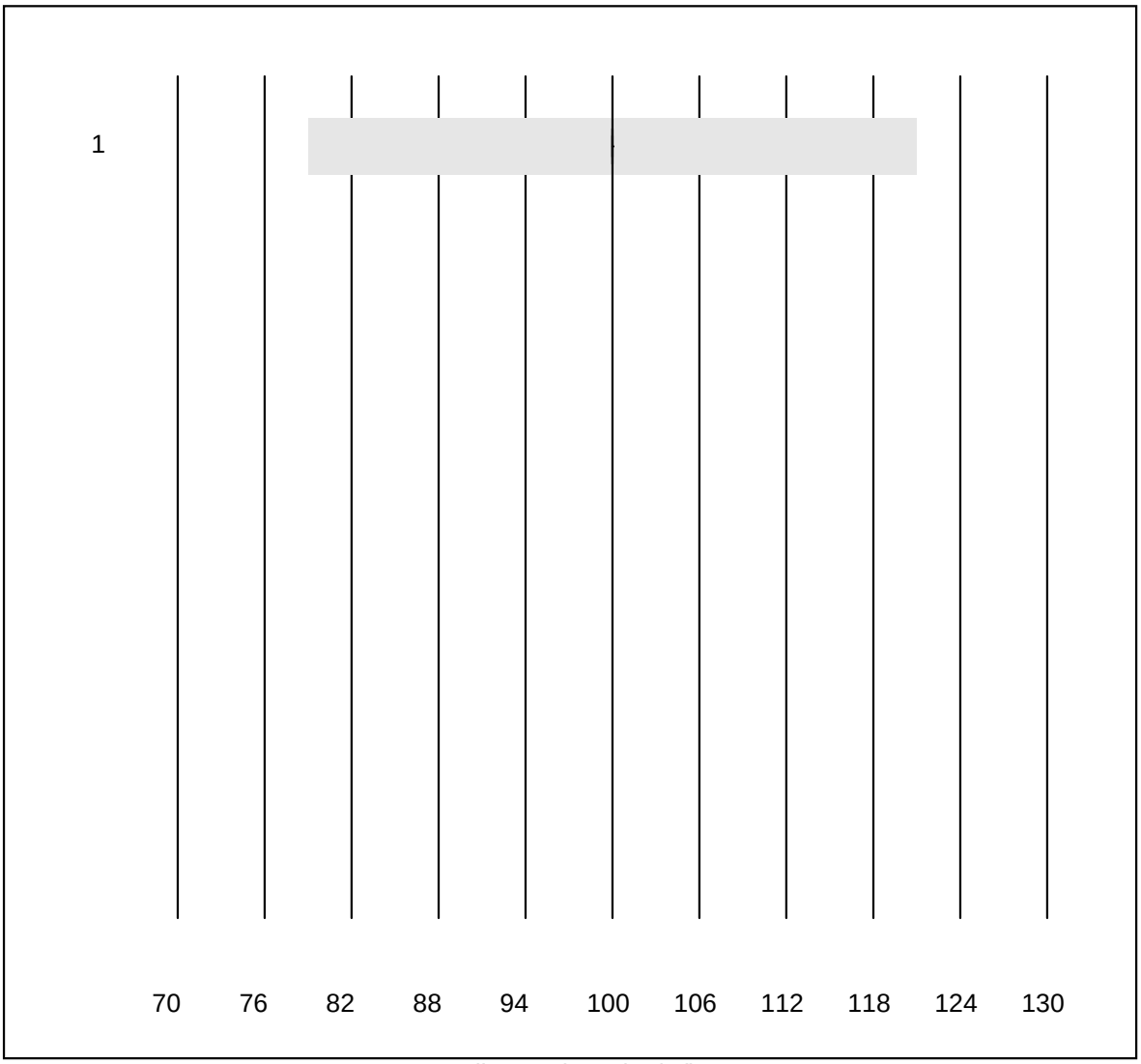
Troponin Triage



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Meter	37	64.9	8.1	27.0	3.55	14.0	e

D-dimer Triage

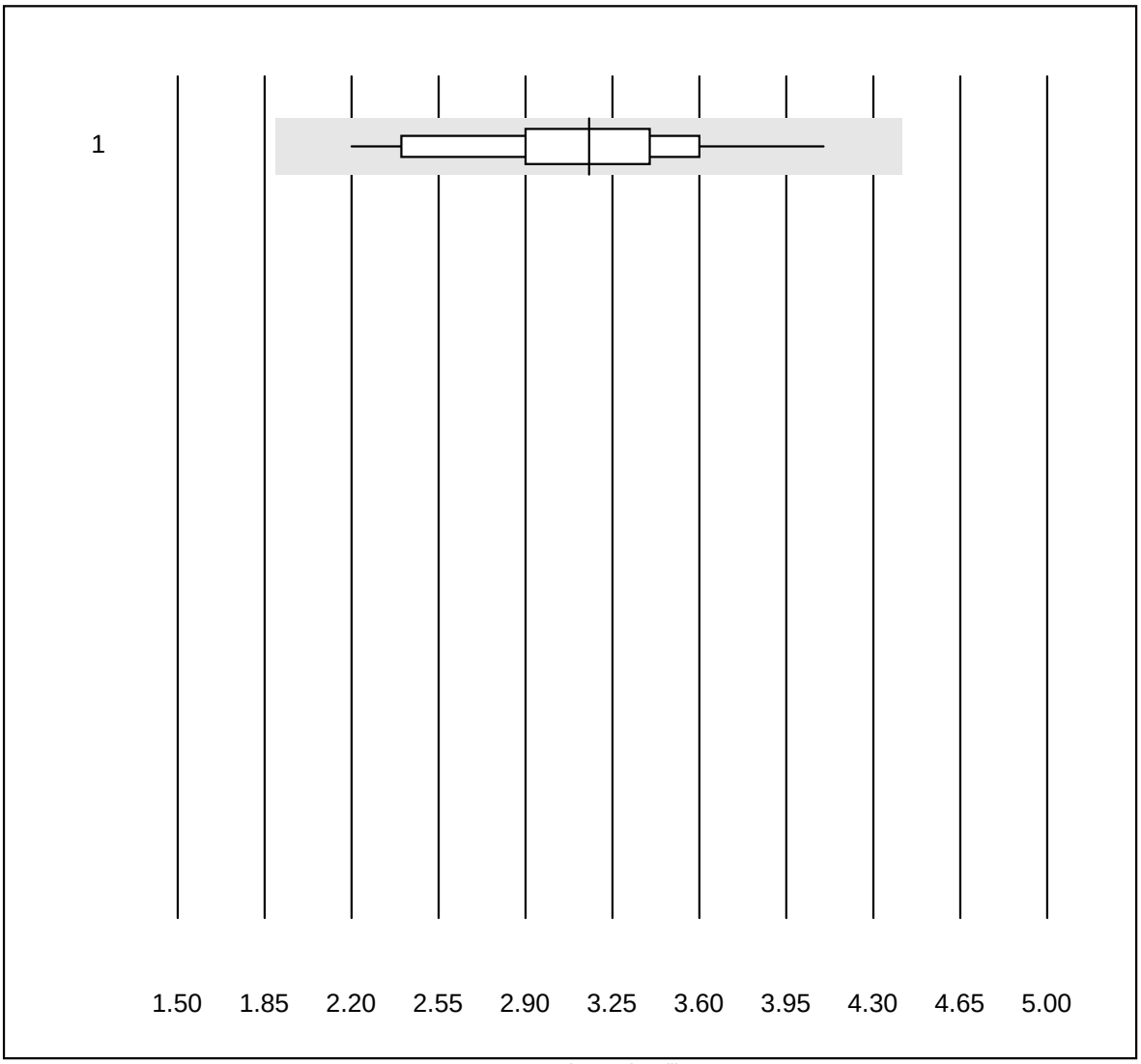


QUALAB tolerance : 21 %

D-dimer Triage (ng/ml)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Meter	35	97.1	0.0	2.9	100.00	0.0	e

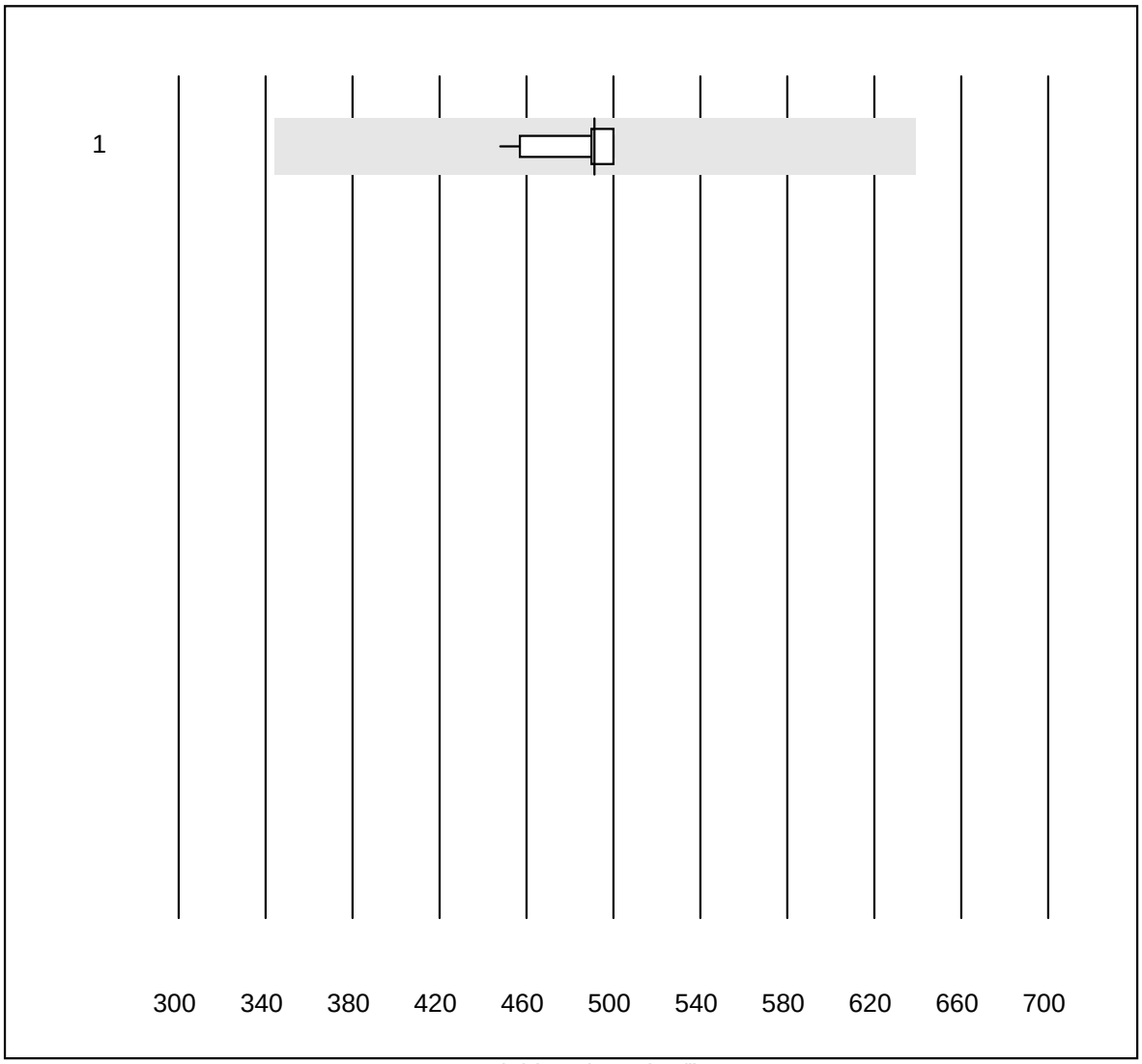
CK-MB Triage



QUALAB tolerance : 40 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Meter	22	90.9	0.0	9.1	3.2	14.2	e

Myoglobin Triage

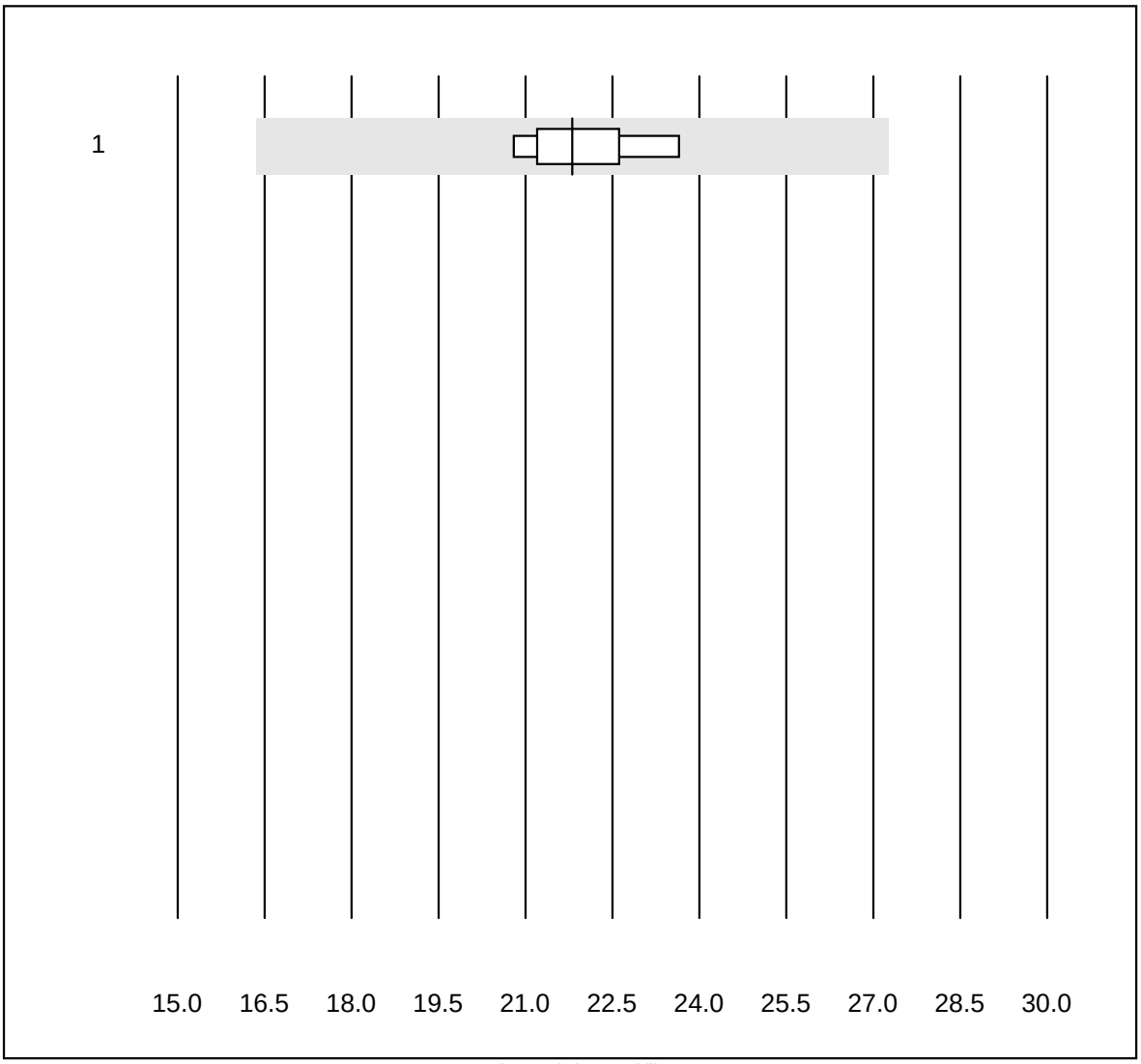


QUALAB tolerance : 30 %

Myoglobin Triage (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Meter	20	95.0	0.0	5.0	491.3	3.3	e

Ethanol

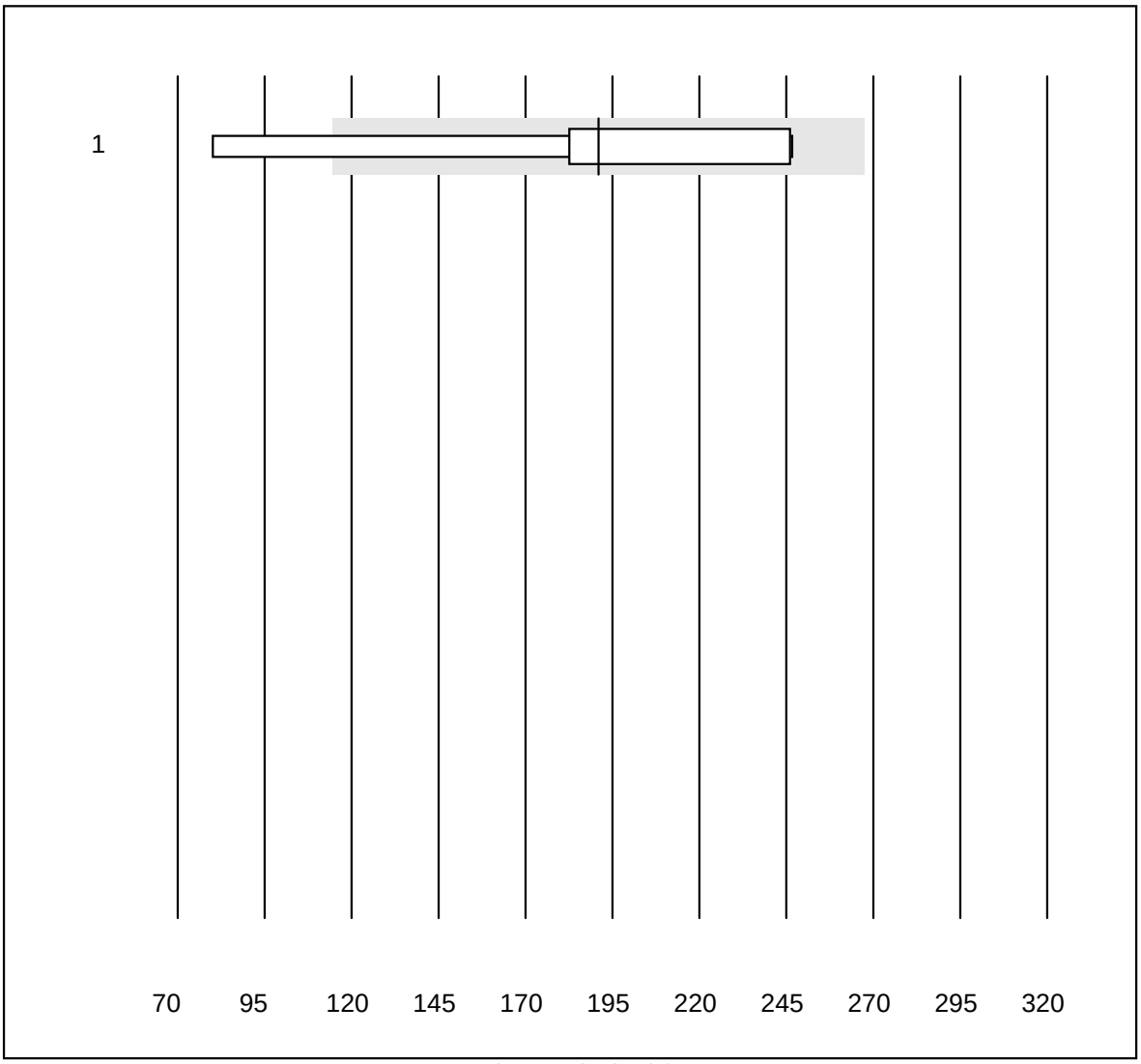


QUALAB tolerance : 25 %

Ethanol (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	21.8	5.2	e

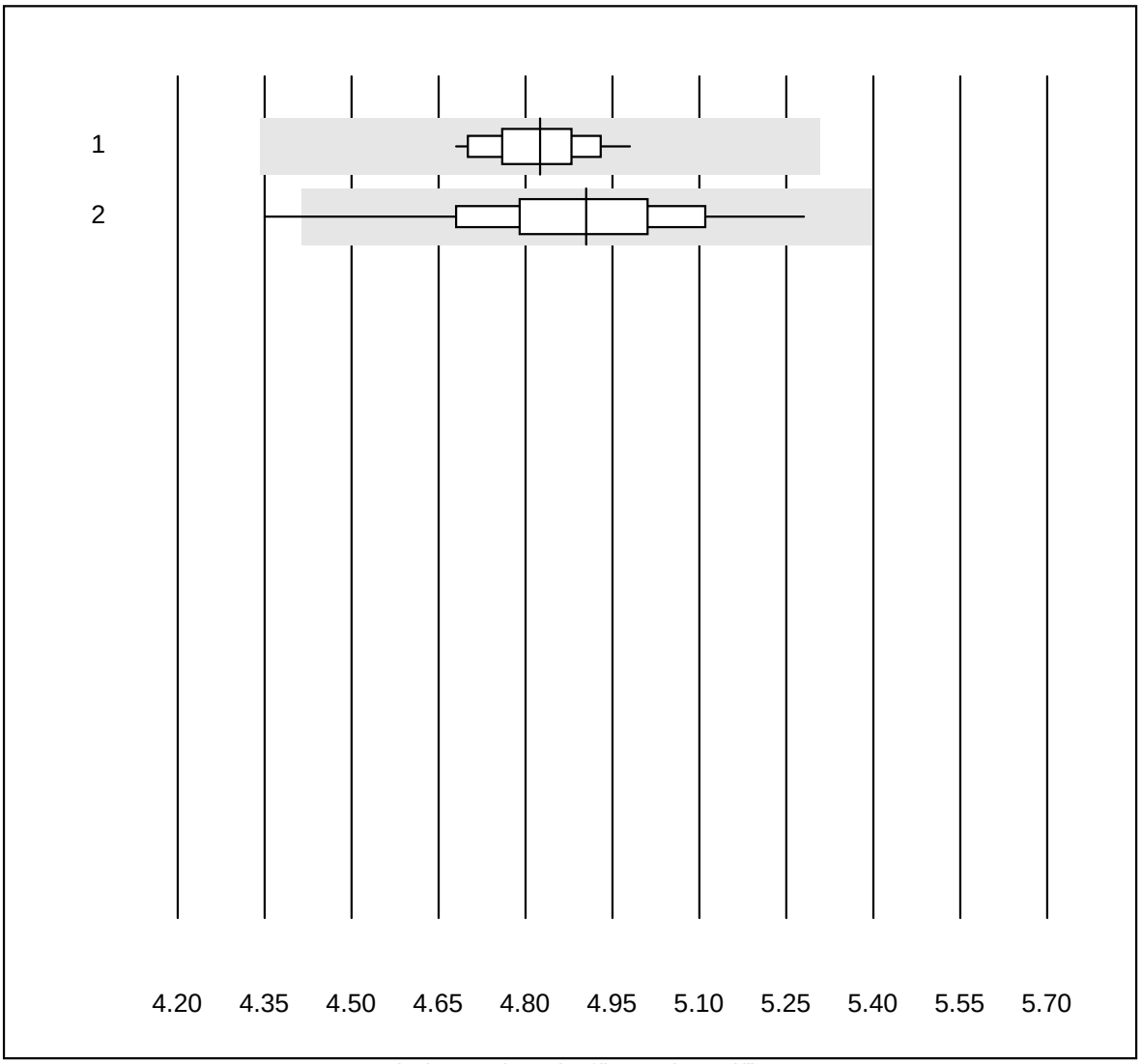
Calprotectin



QUALAB tolerance : 40 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Bühlmann	7	85.7	14.3	0.0	191	29.4	e*

Cholesterol total Af/b101

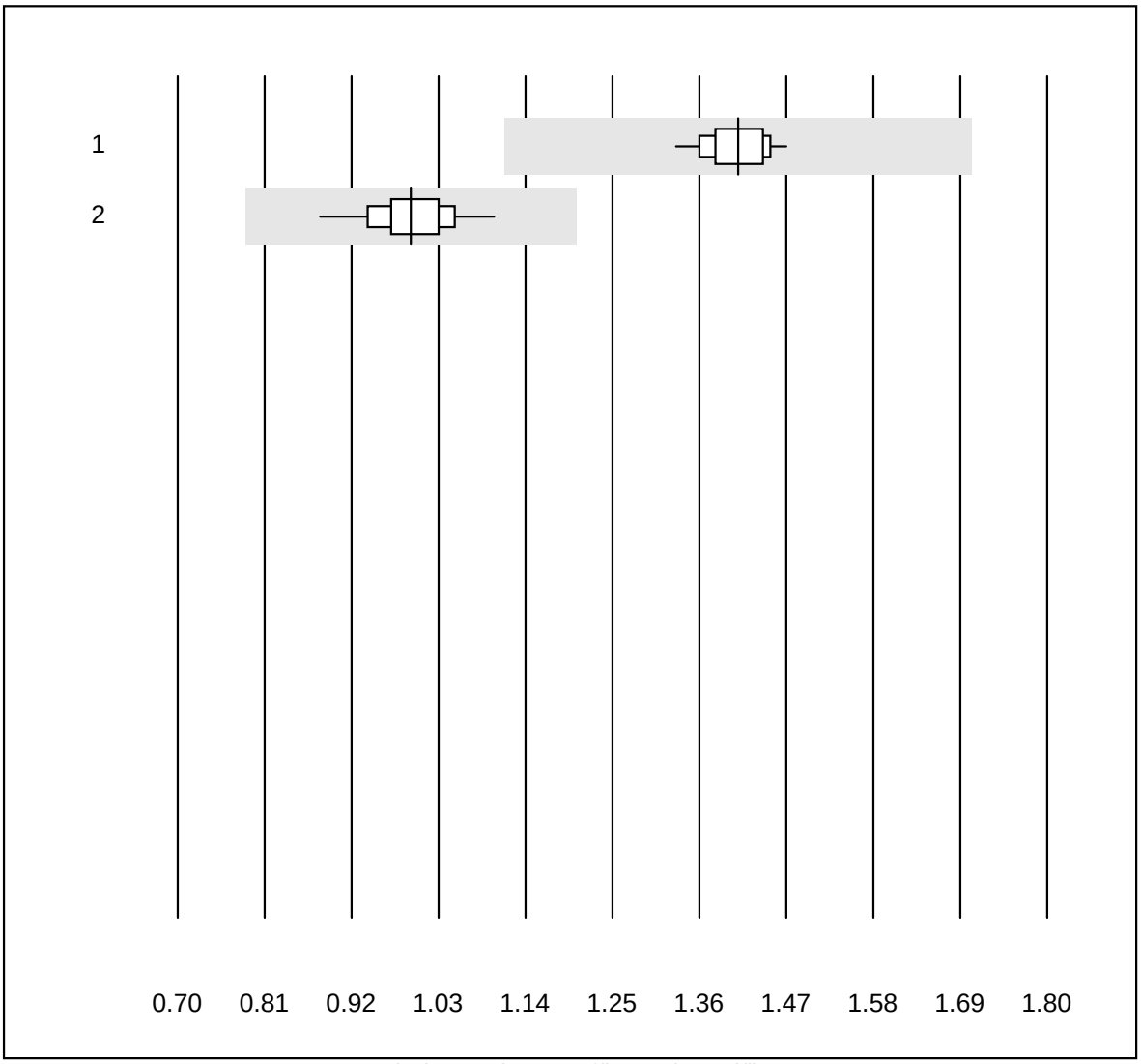


QUALAB tolerance : 10 %

Cholesterol total Af/b101 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	24	100.0	0.0	0.0	4.8	1.8	e
2	Afinion	224	98.7	0.9	0.4	4.9	3.5	e

Cholesterol HDL Af/b101

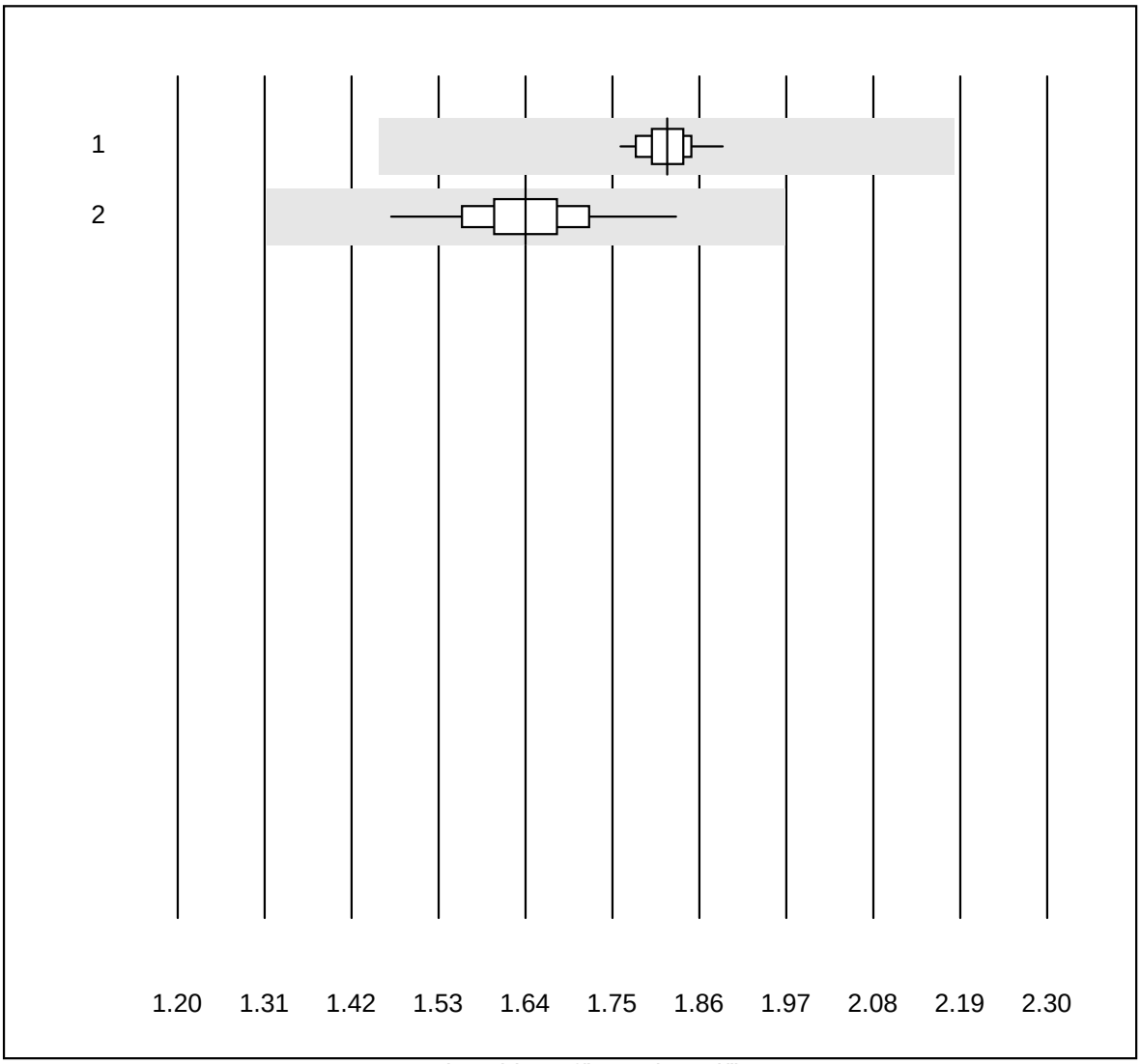


QUALAB tolerance : 21 %

Cholesterol HDL Af/b101 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	24	91.7	0.0	8.3	1.4	2.8	e
2	Afinion	225	92.0	0.0	8.0	1.0	4.2	e

Tryglycerides Af/b101

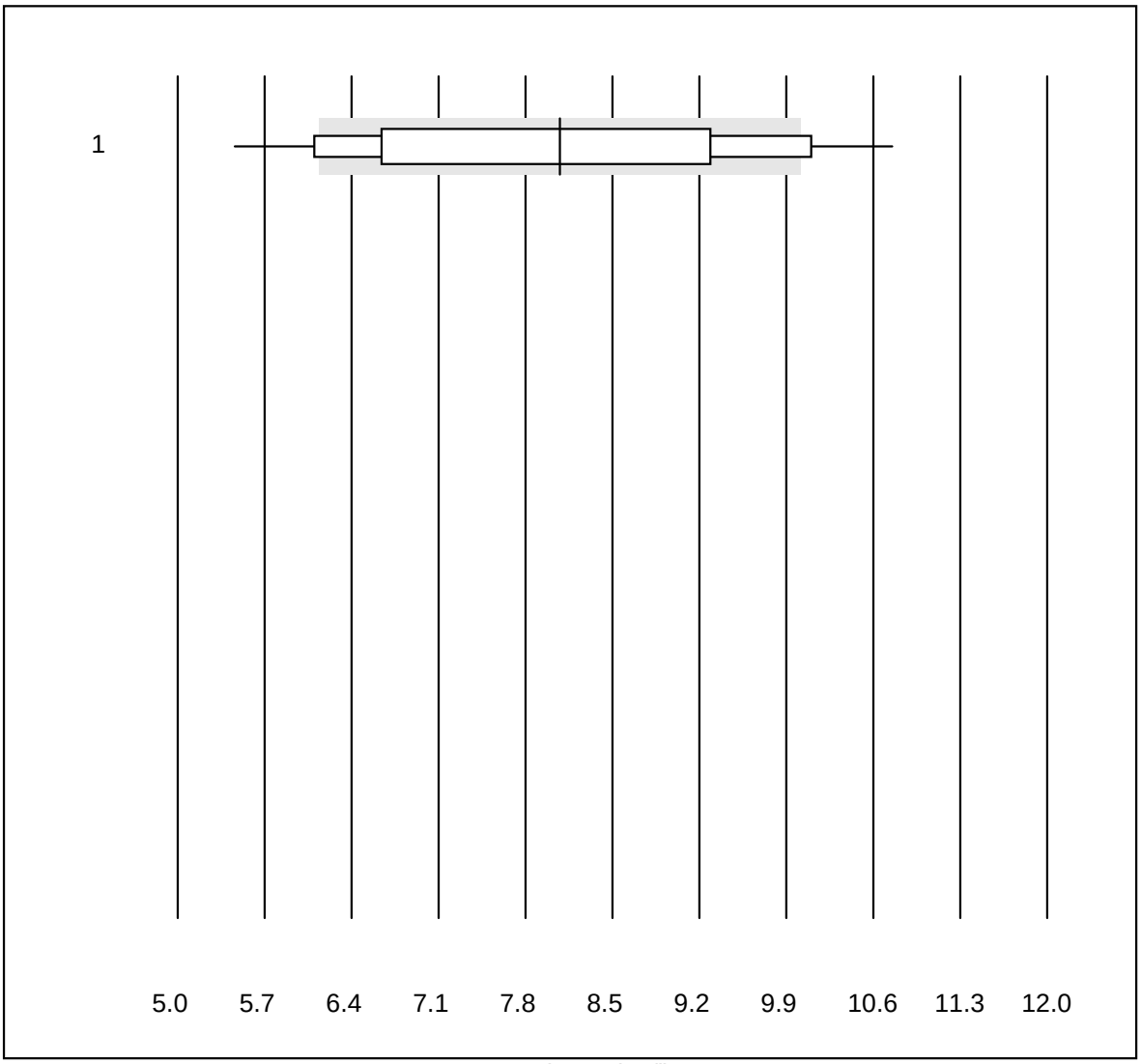


QUALAB tolerance : 20 %

Tryglycerides Af/b101 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	24	100.0	0.0	0.0	1.82	1.6	e
2	Afinion	223	100.0	0.0	0.0	1.64	3.8	e

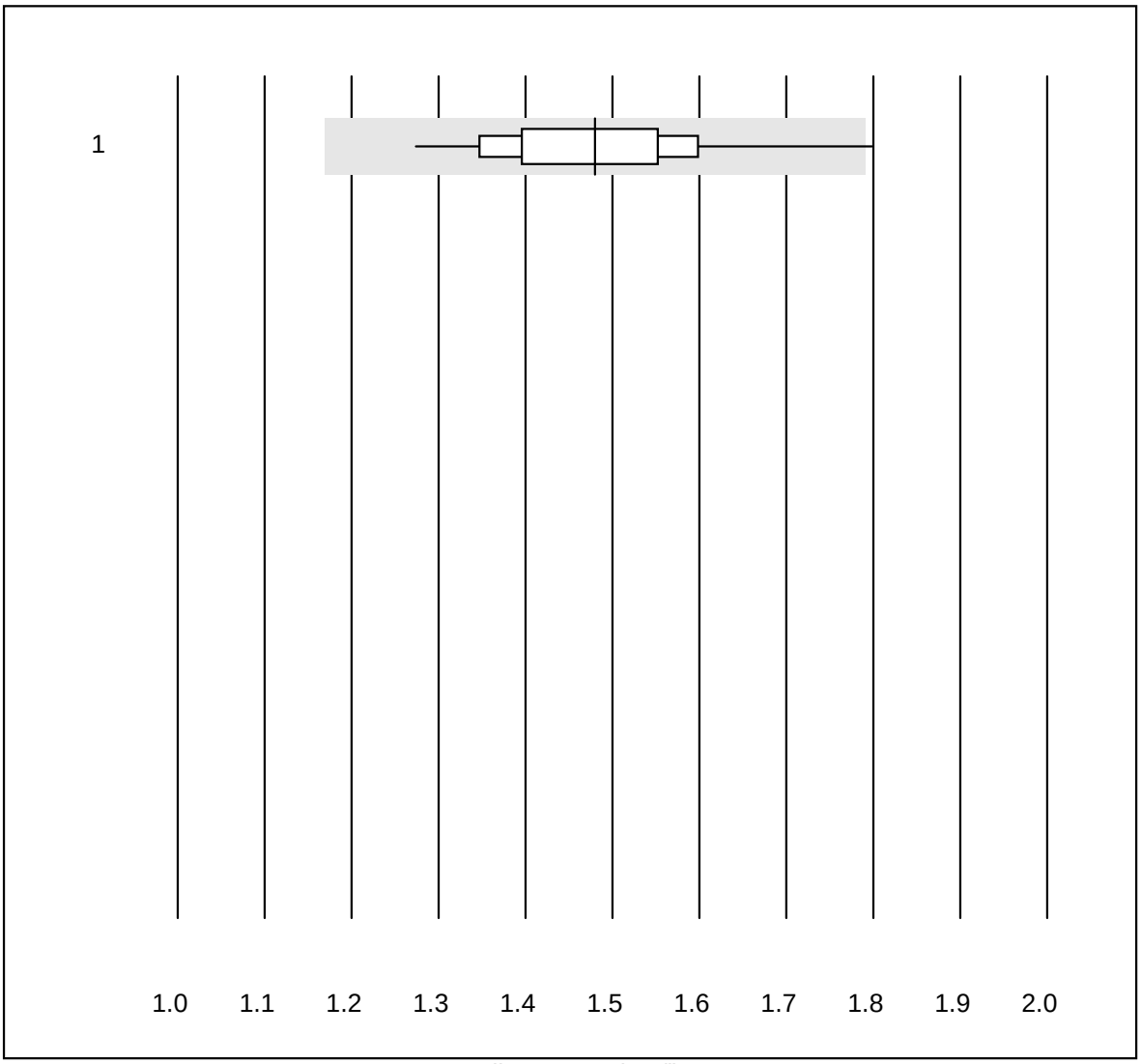
Troponin I S



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	68	72.1	23.5	4.4	8.07	18.7	e

D-dimer qn S

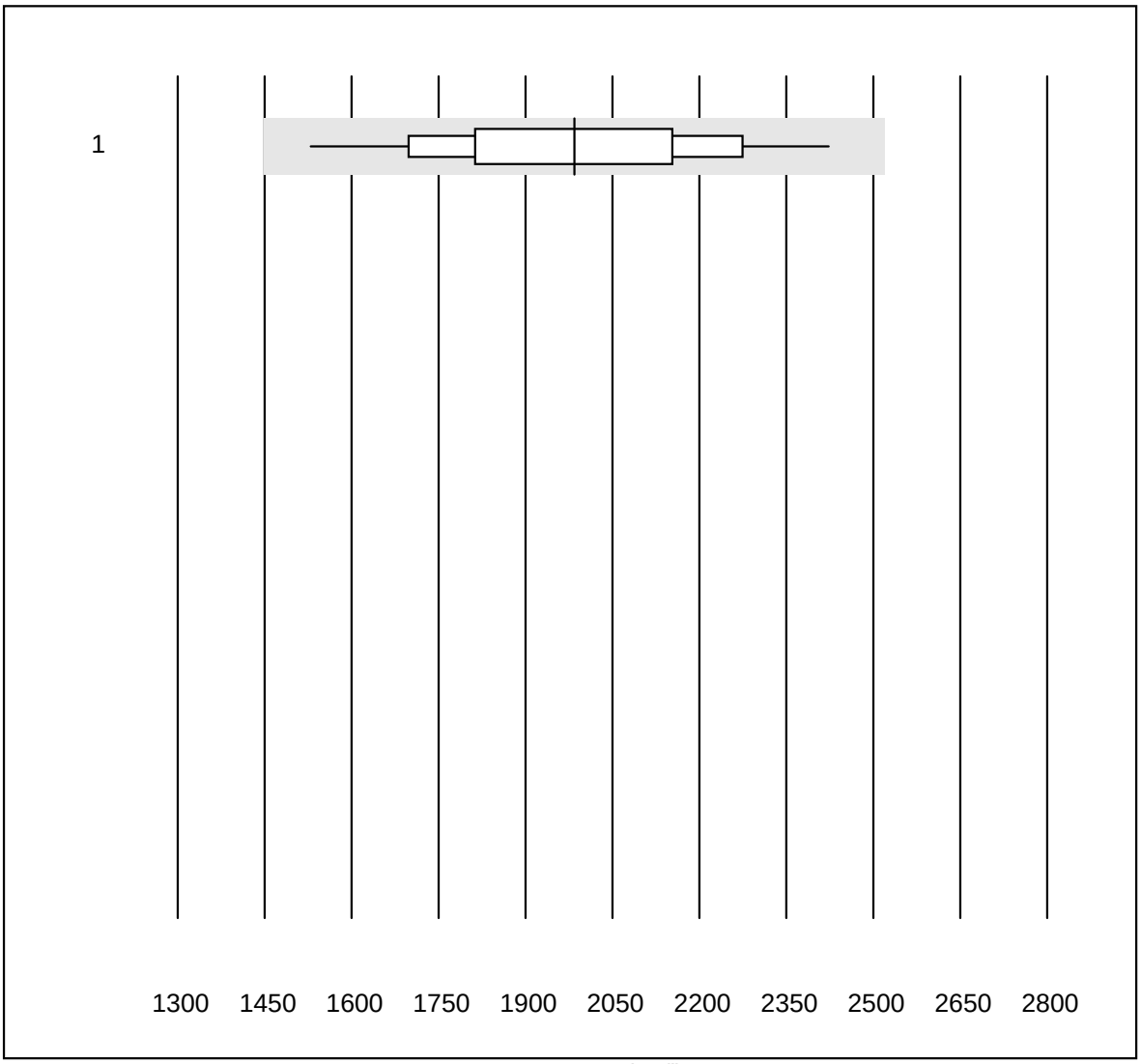


QUALAB tolerance : 21 %

D-dimer qn S (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	80	97.4	1.3	1.3	1.48	6.9	e

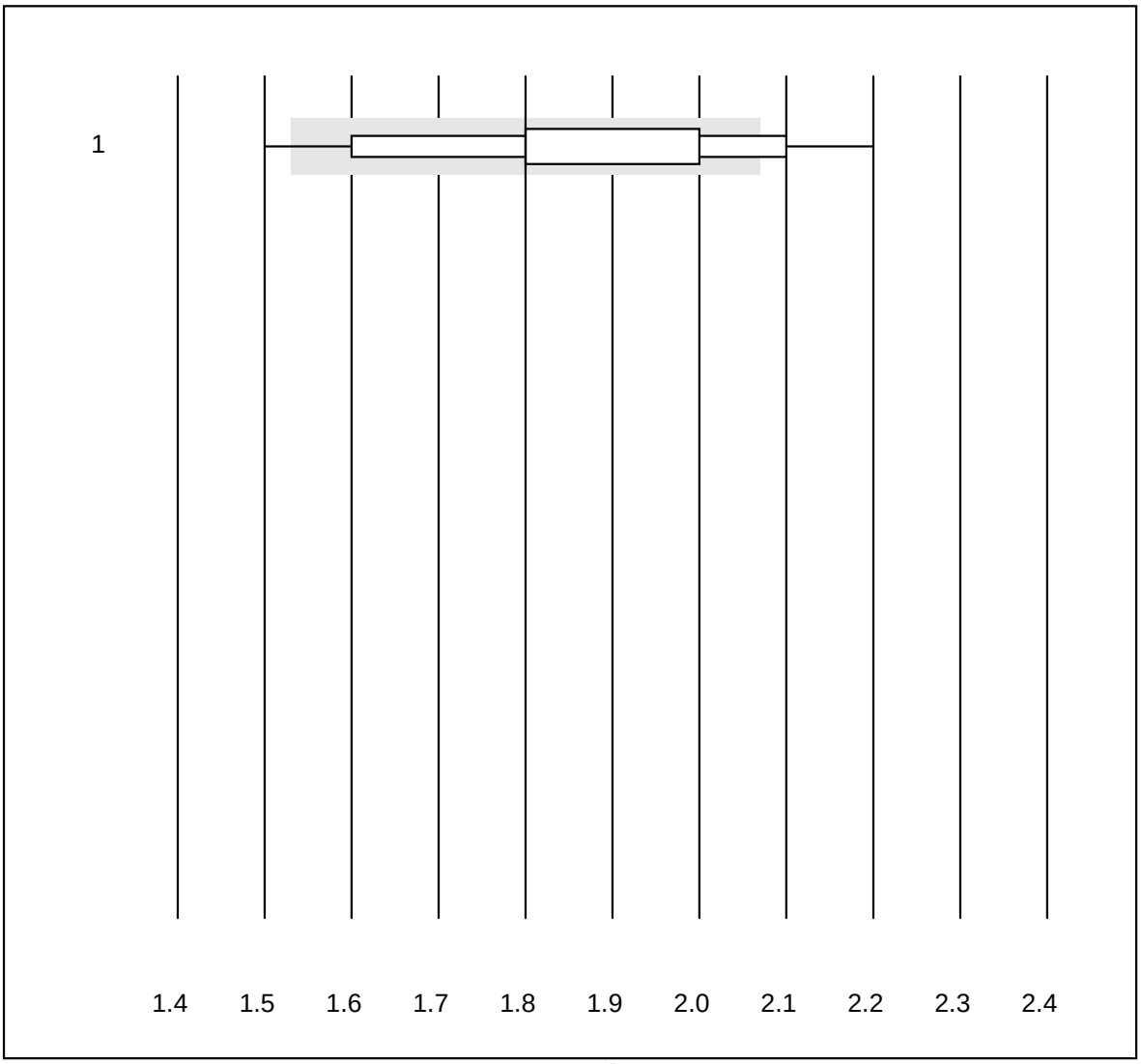
NT-pro BNP S



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	56	100.0	0.0	0.0	1984.3	11.4	e

INR MI

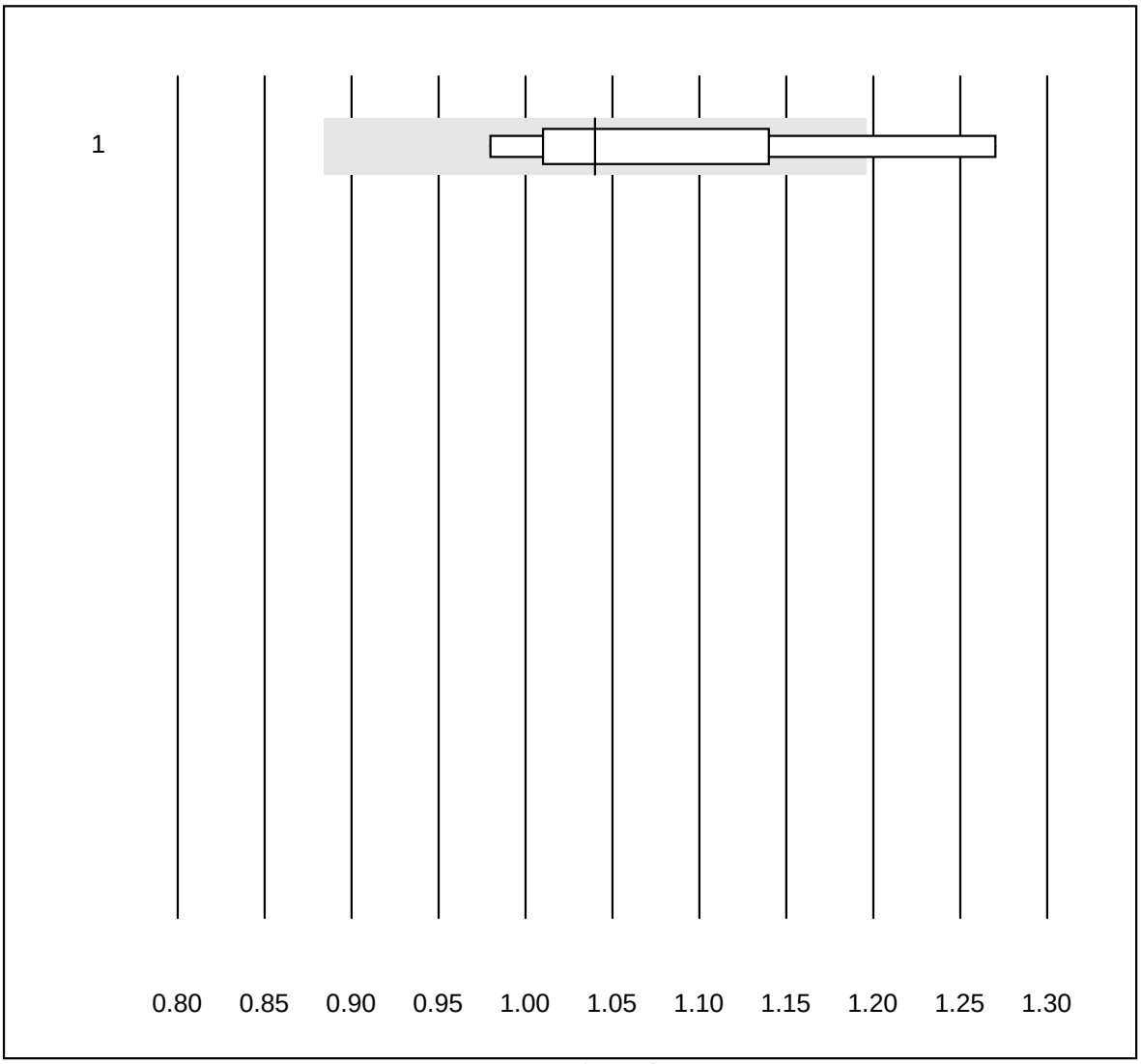


QUALAB tolerance : 15 %

INR MI ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	microINR	64	68.7	17.2	14.1	1.8	9.8	e

INR Eurolyser



QUALAB tolerance : 15 %

INR Eurolyser ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Eurolyser	7	85.7	14.3	0.0	1.0	9.1	e*