Verein für
Association pour le
Associazione per il

medizinische Qualitätskontrolle
contrôle de qualité médical
controllo di qualità medico

Survey Report

2015 - 2

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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

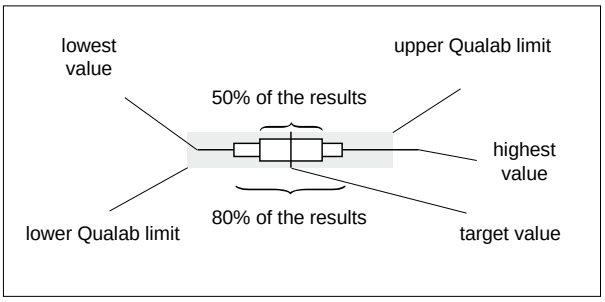
For methods groups with more than 9 participants, consensus values of the participants ("e") are generally determined. In order to provide all participants with target values that are as meaningful as possible, other methods may also be applied for smaller method groups.

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:

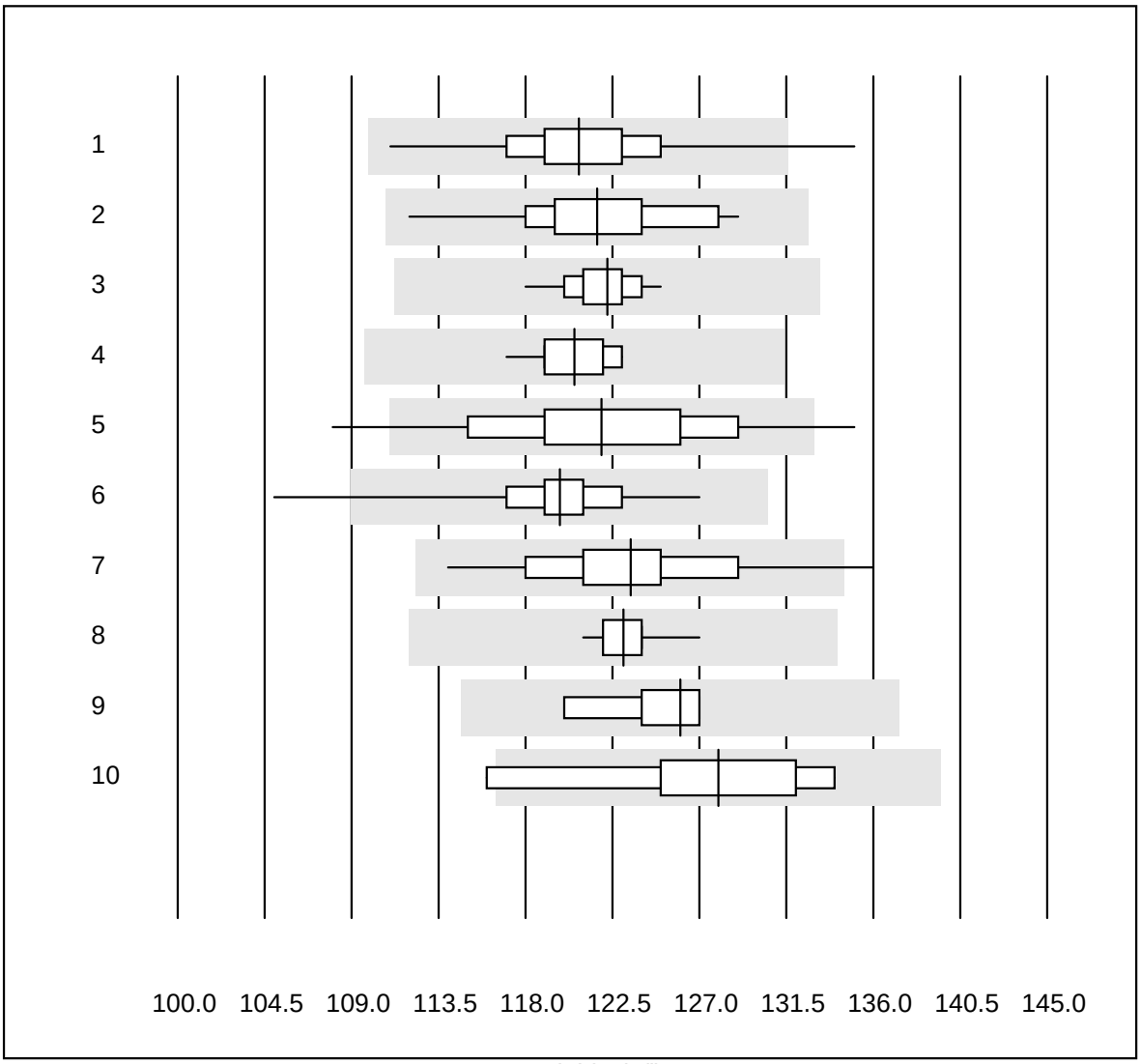


Comparison of Devices
The data in this report allows you to compare the performance of different devices. However, remember to consider the following:
- The chemical control K1 is a ready-to-use commercial control serum. Even if the specimen is of human origin, it is possible that matrix effects occur. 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.

Zürich, 6.7.2015

Dr. R. Fried
Suvey Director

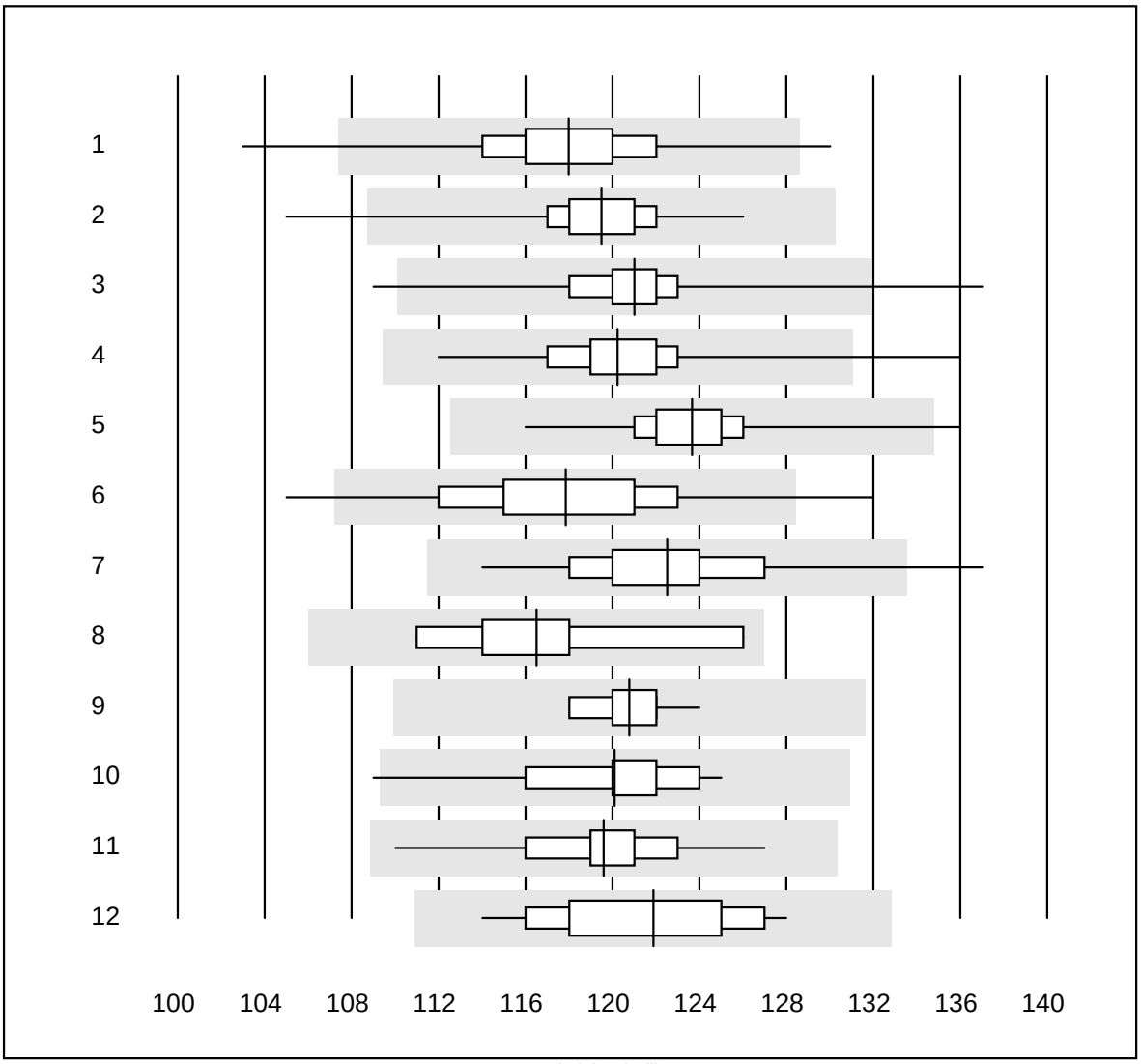
Hemoglobin



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	49	98.0	2.0	0.0	120.7	3.3	e
2	Cyanmethemoglobin	51	96.1	0.0	3.9	121.7	3.1	e
3	Sysmex XT/XE/XS	39	97.4	0.0	2.6	122.2	1.2	e
4	ABX Pentra	11	100.0	0.0	0.0	120.5	1.6	e
5	Reflotron	76	93.5	3.9	2.6	121.9	4.4	e
6	Hemocue	341	92.6	1.5	5.9	119.8	2.5	e
7	Dr. Lange	23	91.4	4.3	4.3	123.4	4.1	e
8	Hemocontrol	12	100.0	0.0	0.0	123.1	1.3	e
9	Eurolyser	5	100.0	0.0	0.0	126.0	2.4	e
10	Other methods	5	80.0	20.0	0.0	128.0	5.6	e*

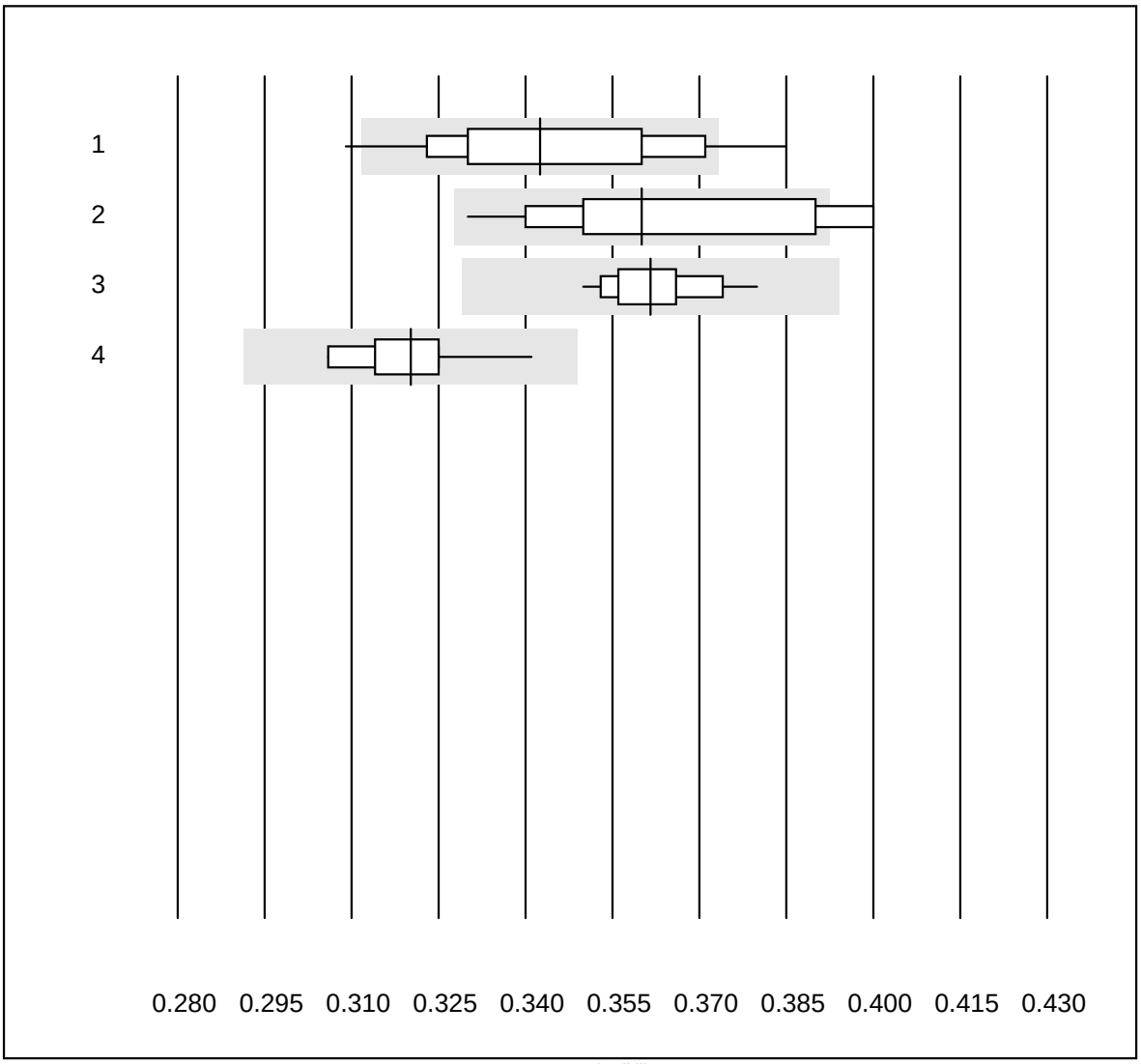
Hemoglobin



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	863	95.6	1.0	3.4	118.0	3.0	e
2	Microsemi	242	97.9	0.4	1.7	119.5	2.0	e
3	Sysmex KX21	436	95.8	1.4	2.8	121.0	2.2	e
4	Sysmex PocH - 100i	218	97.2	0.5	2.3	120.2	2.2	e
5	Sysmex XP 300	161	97.5	0.6	1.9	123.7	1.9	e
6	Mythic	242	96.2	2.1	1.7	117.8	3.7	e
7	Swelab	70	94.3	4.3	1.4	122.5	3.3	e
8	MS4	6	100.0	0.0	0.0	116.5	4.3	e*
9	Abacus Junior	13	100.0	0.0	0.0	120.8	1.4	e
10	Medonic	18	88.8	5.6	5.6	120.1	3.0	e
11	Nihon Kohden Celltac	38	89.5	0.0	10.5	119.6	2.8	e
12	Samsung HC10	45	100.0	0.0	0.0	121.9	3.3	e

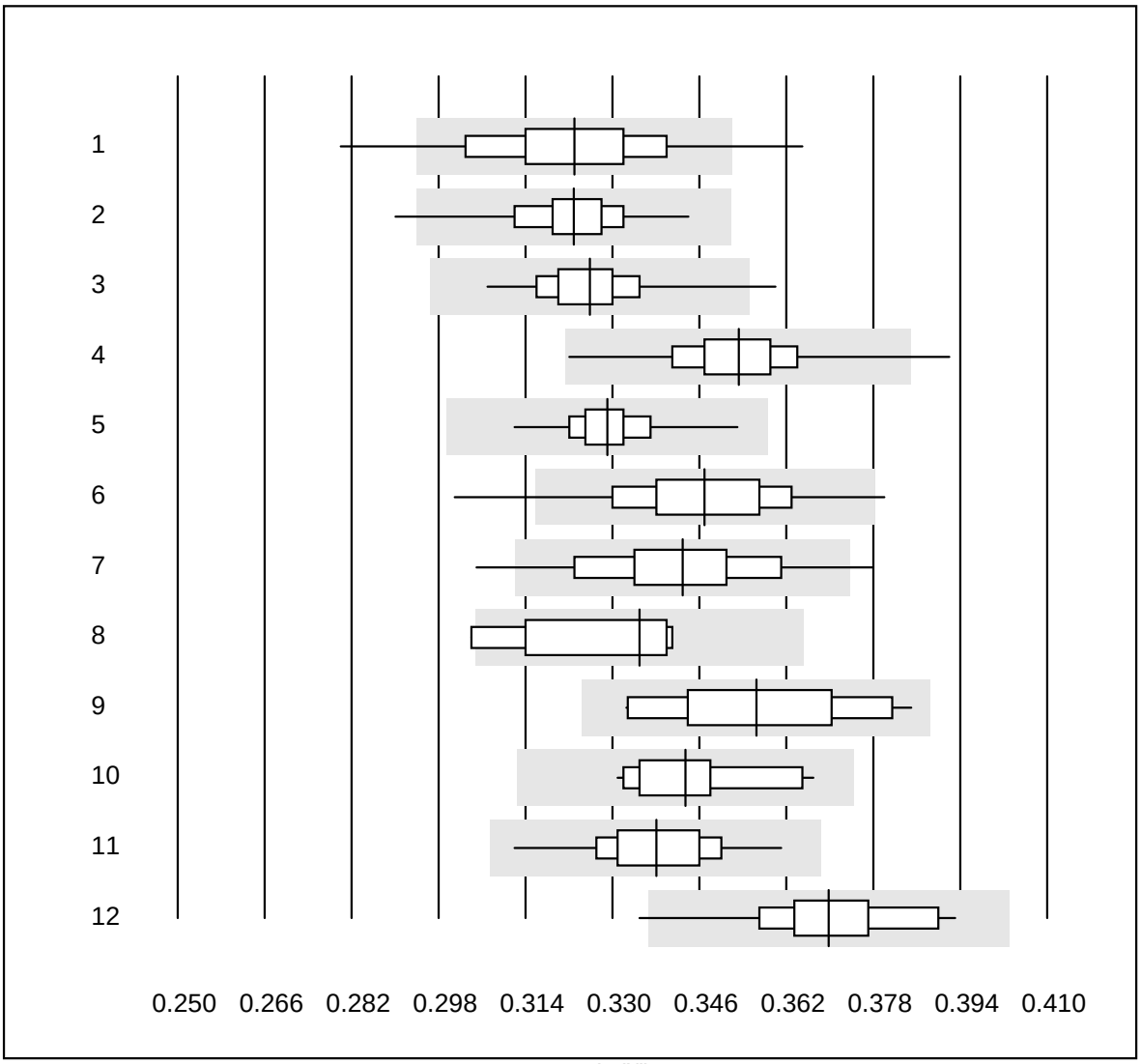
Hematocrit



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	42	88.1	9.5	2.4	0.34	5.7	e
2	Centrifuge	15	80.0	13.3	6.7	0.36	6.3	e*
3	Sysmex XT/XE/XS	38	94.7	0.0	5.3	0.36	2.1	e
4	ABX Pentra	11	90.9	0.0	9.1	0.32	3.0	e

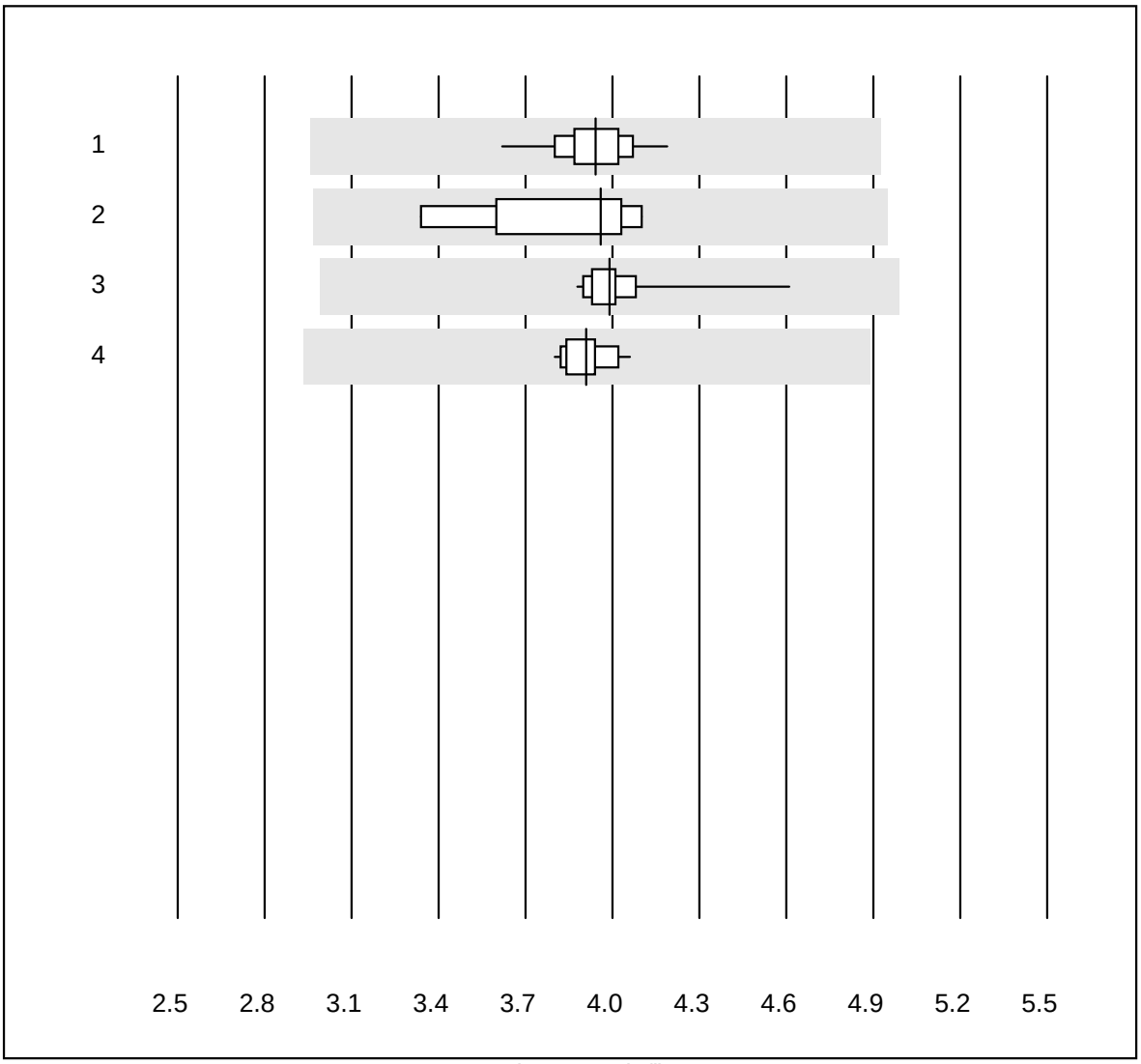
Hematocrit



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	864	90.6	4.9	4.5	0.32	4.4	e
2	Microsemi	242	98.8	0.4	0.8	0.32	2.5	e
3	Sysmex KX21	436	96.6	0.2	3.2	0.33	2.4	e
4	Sysmex PocH - 100i	218	97.2	0.5	2.3	0.35	2.7	e
5	Sysmex XP 300	157	98.7	0.0	1.3	0.33	1.9	e
6	Mythic	242	94.6	2.5	2.9	0.35	3.9	e
7	Swelab	70	92.8	2.9	4.3	0.34	4.2	e
8	MS4	6	83.3	16.7	0.0	0.34	4.8	e*
9	Abacus Junior	13	100.0	0.0	0.0	0.36	4.8	e*
10	Medonic	18	94.4	0.0	5.6	0.34	3.5	e
11	Nihon Kohden Celltac	37	91.9	0.0	8.1	0.34	3.4	e
12	Samsung HC10	45	97.8	2.2	0.0	0.37	3.5	e

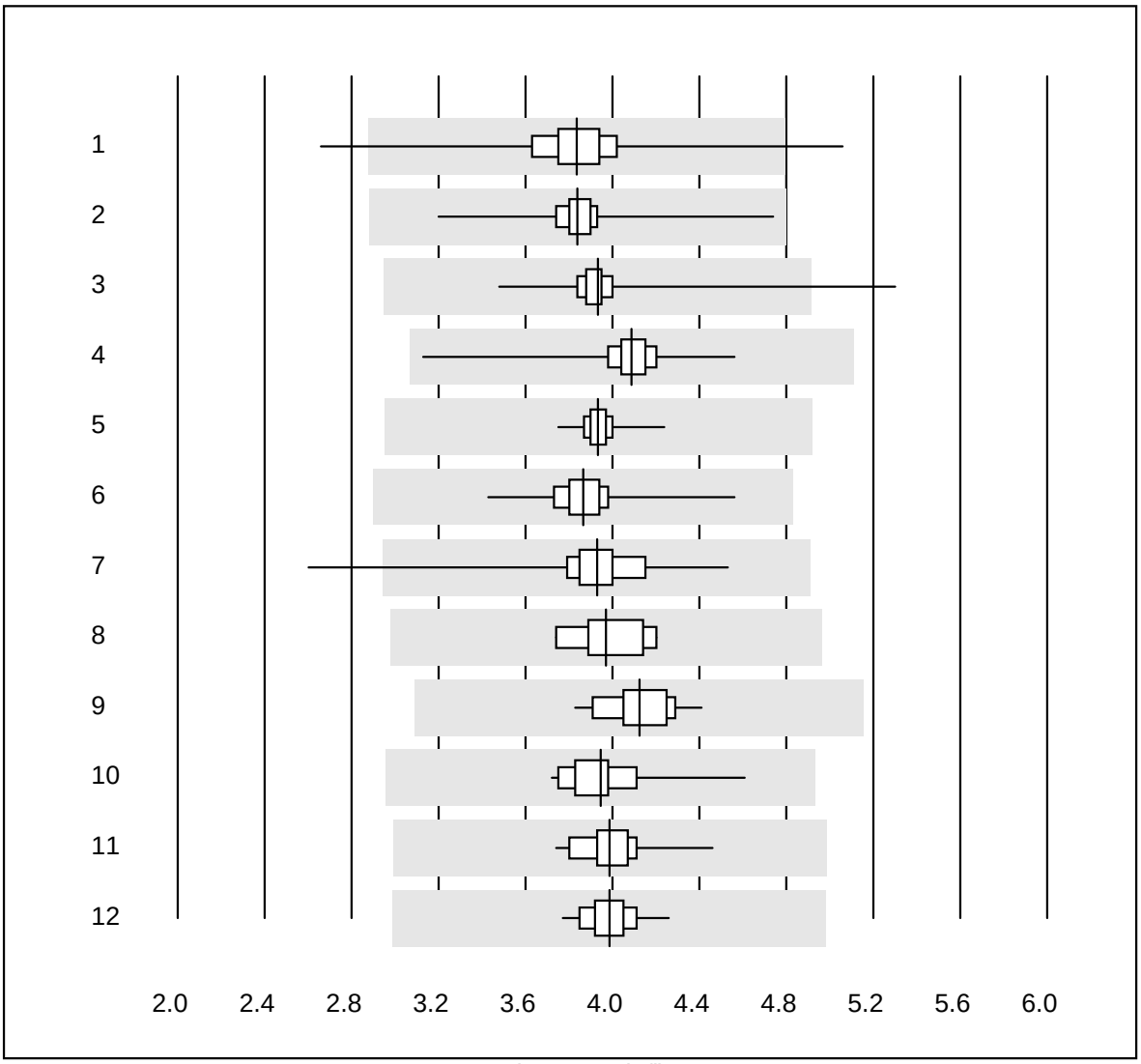
Erythrocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	39	97.4	0.0	2.6	3.94	2.9	e
2	Microscopic	9	100.0	0.0	0.0	3.96	7.3	e
3	Sysmex XT/XE/XS	39	100.0	0.0	0.0	3.99	2.9	e
4	ABX Pentra	11	100.0	0.0	0.0	3.91	2.0	e

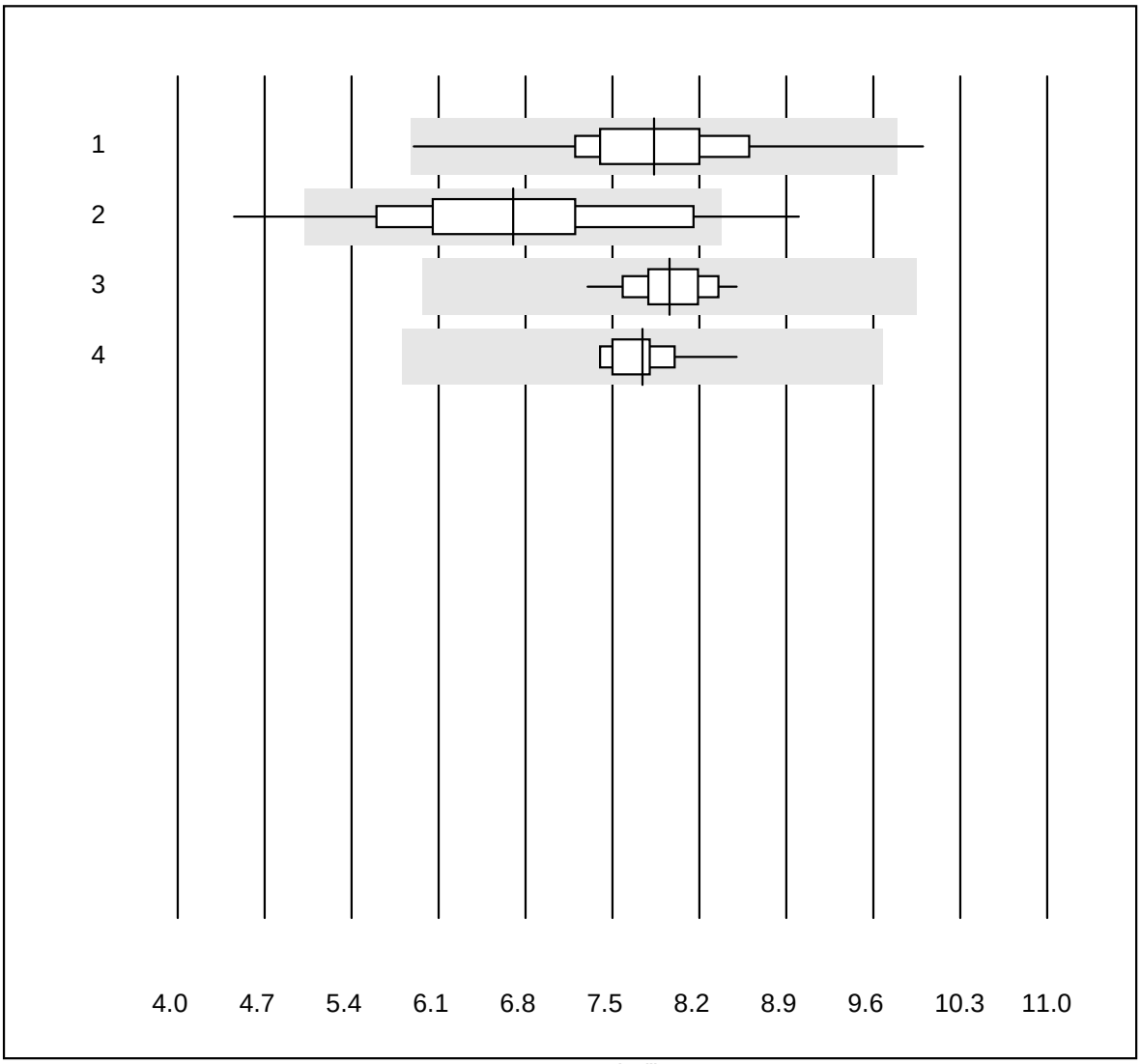
Erythrocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	863	97.7	0.7	1.6	3.84	5.2	e
2	Microsemi	244	100.0	0.0	0.0	3.84	3.2	e
3	Sysmex KX21	436	97.7	0.7	1.6	3.93	3.8	e
4	Sysmex PocH - 100i	218	98.2	0.0	1.8	4.09	3.0	e
5	Sysmex XP 300	160	98.7	0.0	1.3	3.93	1.5	e
6	Mythic	242	98.3	0.0	1.7	3.86	3.1	e
7	Swelab	70	97.2	1.4	1.4	3.93	5.7	e
8	MS4	6	100.0	0.0	0.0	3.97	4.3	e
9	Abacus Junior	13	100.0	0.0	0.0	4.12	3.8	e
10	Medonic	18	100.0	0.0	0.0	3.95	4.9	e
11	Samsung HC10	45	100.0	0.0	0.0	3.99	3.3	e
12	Nihon Kohden Celltac	38	92.1	0.0	7.9	3.99	2.7	e

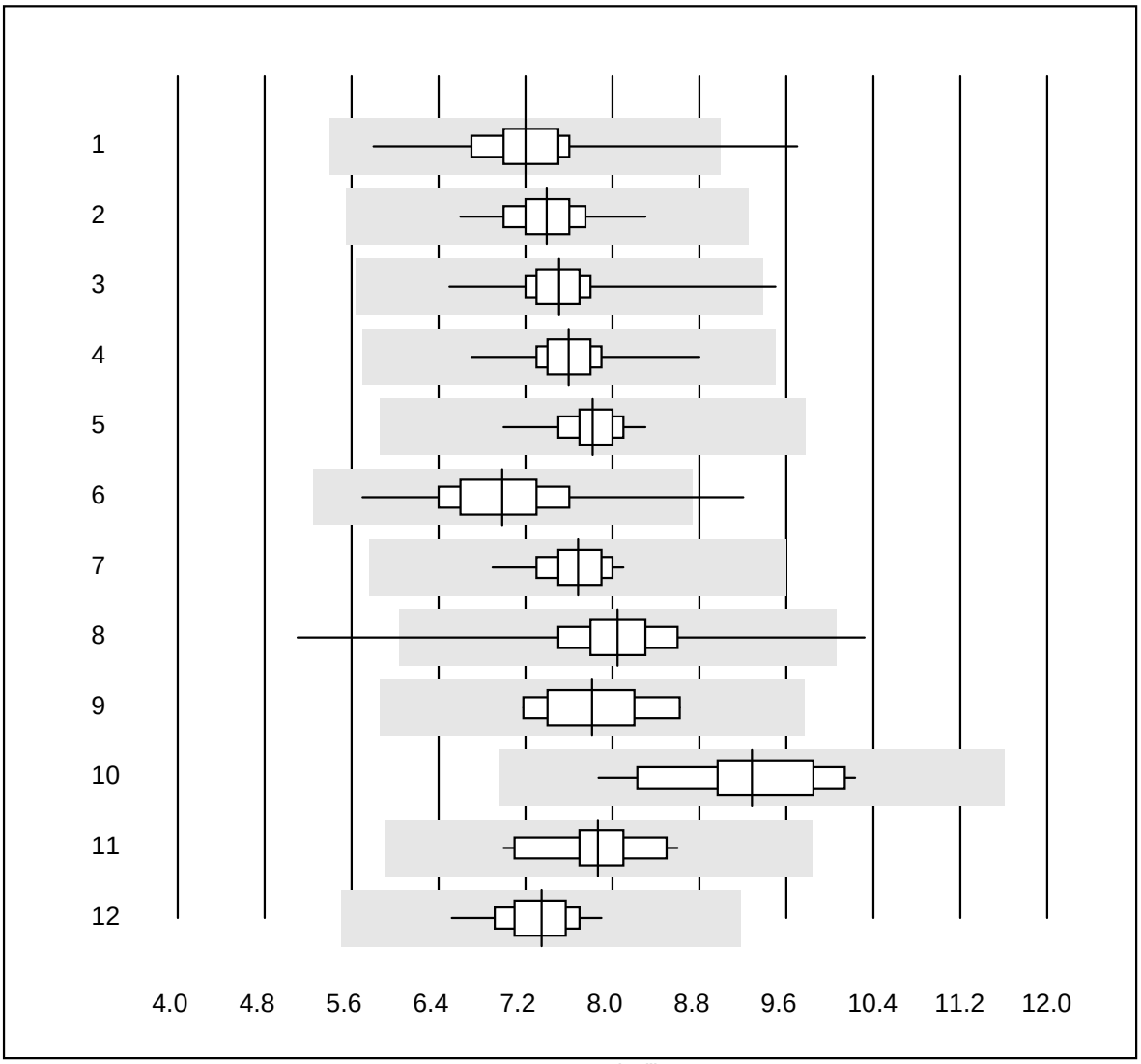
Leucocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	37	97.3	2.7	0.0	7.84	8.9	e
2	Microscopic	58	91.4	8.6	0.0	6.70	14.2	e
3	Sysmex XT/XE/XS	39	100.0	0.0	0.0	7.96	3.7	e
4	ABX Pentra	11	100.0	0.0	0.0	7.74	4.0	e

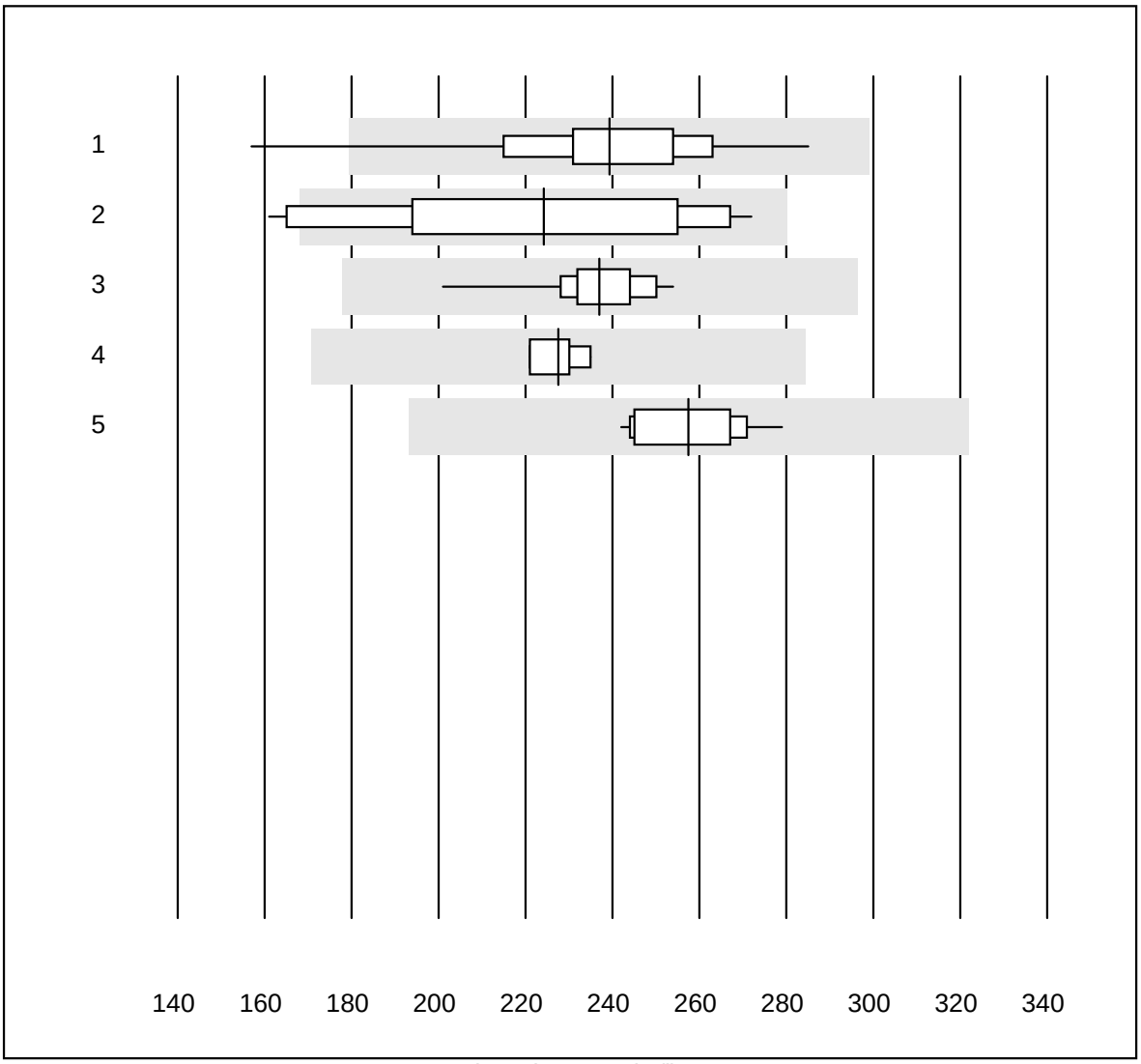
Leucocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	861	99.2	0.2	0.6	7.20	5.3	e
2	Microsemi	245	100.0	0.0	0.0	7.40	3.9	e
3	Sysmex KX21	435	99.6	0.2	0.2	7.51	3.9	e
4	Sysmex PocH - 100i	218	98.6	0.0	1.4	7.60	3.6	e
5	Sysmex XP 300	161	100.0	0.0	0.0	7.82	3.0	e
6	Mythic	242	98.8	0.4	0.8	6.99	7.2	e
7	Nihon Kohden Celltac	38	97.4	0.0	2.6	7.68	3.5	e
8	Swelab	70	97.1	2.9	0.0	8.05	7.8	e
9	MS4	6	100.0	0.0	0.0	7.82	7.0	e
10	Abacus Junior	13	100.0	0.0	0.0	9.29	7.9	e
11	Medonic	18	100.0	0.0	0.0	7.87	5.4	e
12	Samsung HC10	45	100.0	0.0	0.0	7.35	4.2	e

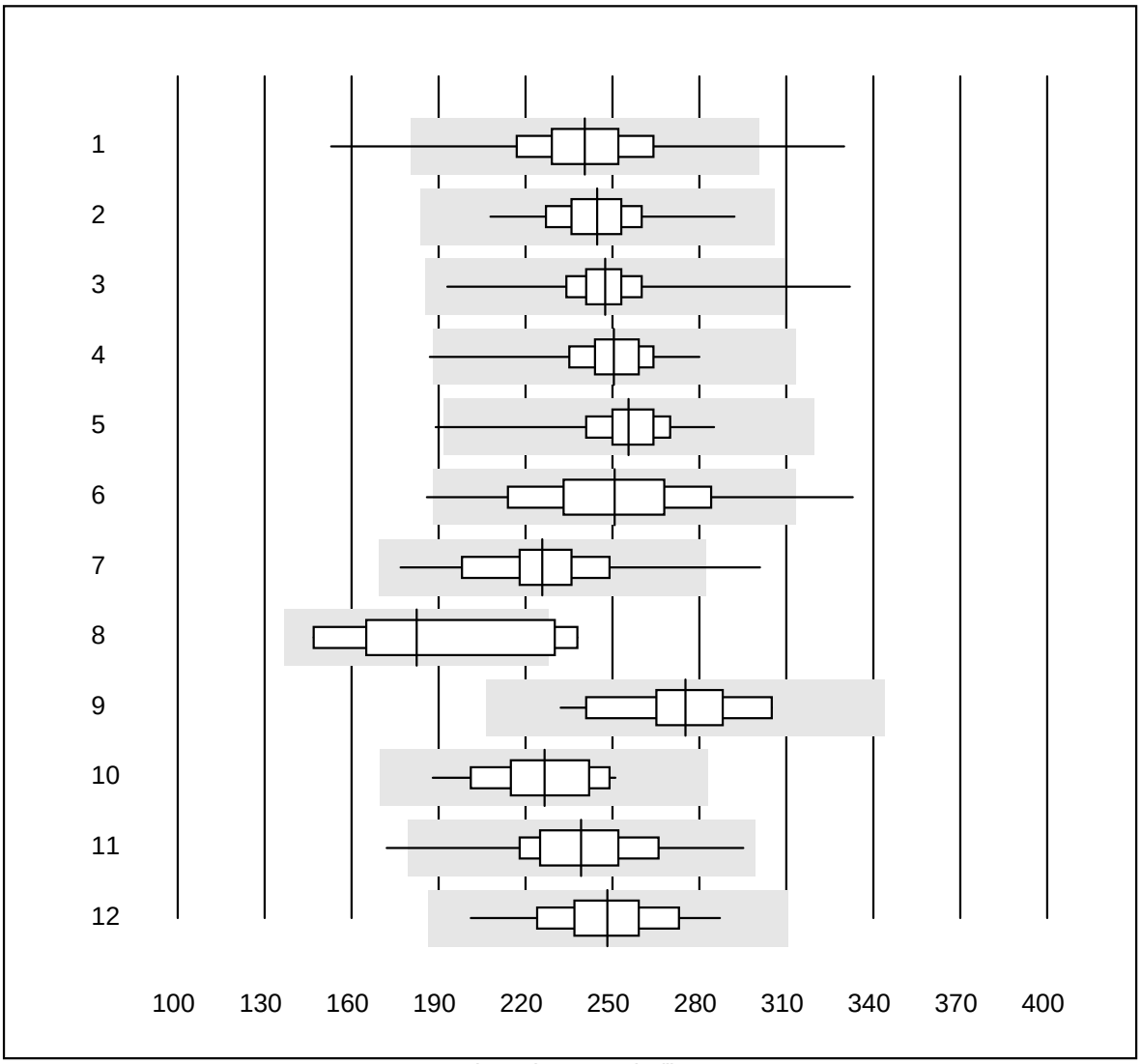
Thrombocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Automat	35	97.1	2.9	0.0	239.4	10.3	e
2	Microscopic	36	77.8	11.1	11.1	224.1	16.1	e
3	Sysmex XT/XE/XS	39	100.0	0.0	0.0	237.0	4.2	e
4	Advia 120	4	100.0	0.0	0.0	227.5	2.7	e
5	ABX Pentra	11	100.0	0.0	0.0	257.5	4.7	e

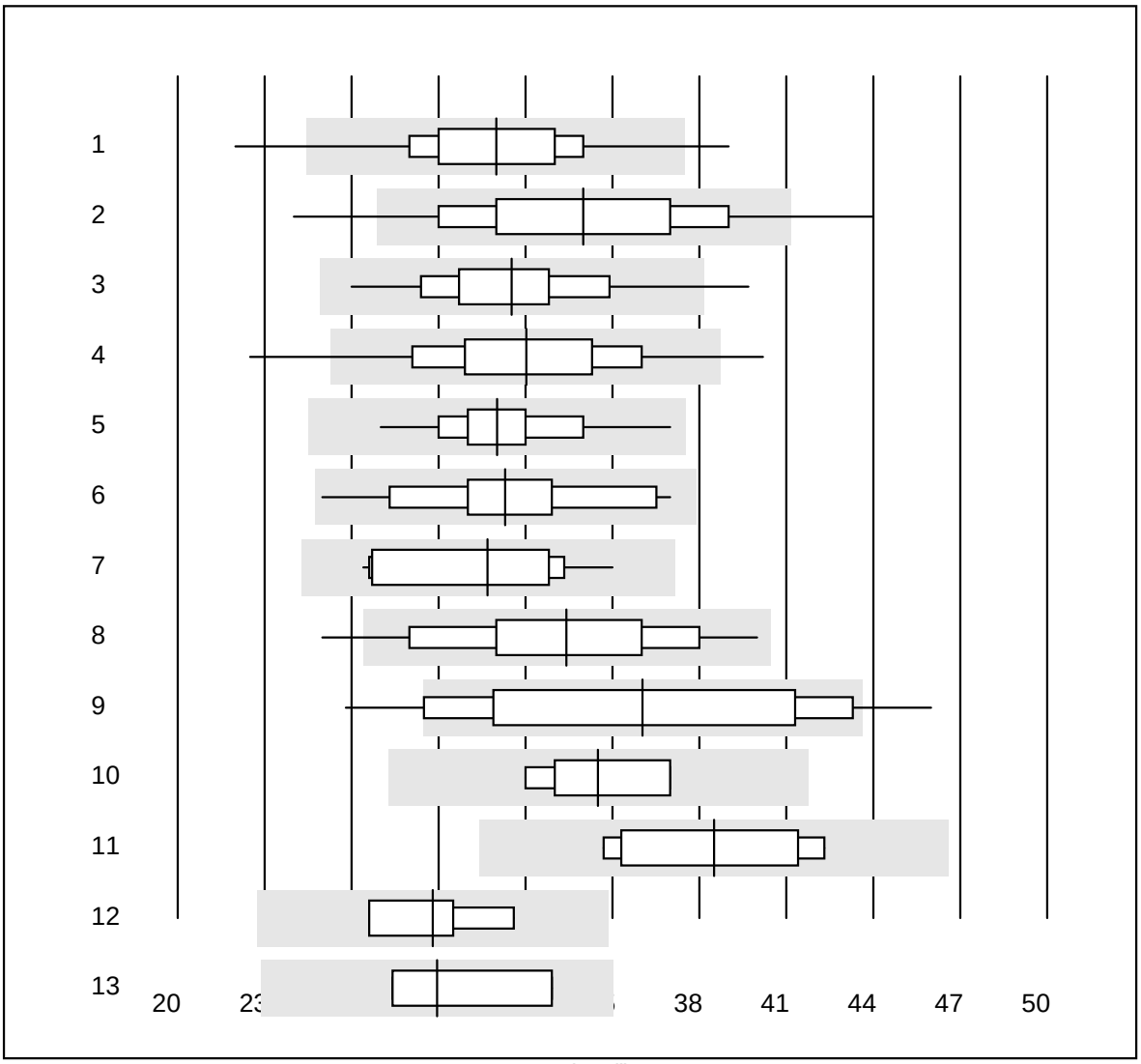
Thrombocytes



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Micros	862	96.9	2.1	1.0	240.4	8.8	e
2	Microsemi	244	100.0	0.0	0.0	244.8	5.3	e
3	Sysmex KX21	436	98.2	0.9	0.9	247.4	5.2	e
4	Sysmex PocH - 100i	216	99.0	0.5	0.5	250.6	5.1	e
5	Sysmex XP 300	161	99.4	0.6	0.0	255.6	4.9	e
6	Mythic	242	98.4	1.2	0.4	250.7	10.7	e
7	Swelab	70	98.6	1.4	0.0	225.7	8.9	e
8	MS4	6	66.7	33.3	0.0	182.5	19.7	e*
9	Abacus Junior	13	100.0	0.0	0.0	275.2	8.4	e
10	Medonic	18	100.0	0.0	0.0	226.5	7.7	e
11	Nihon Kohden Celltac	38	97.4	2.6	0.0	239.3	9.5	e
12	Samsung HC10	45	97.8	0.0	2.2	248.3	7.5	e

CRP

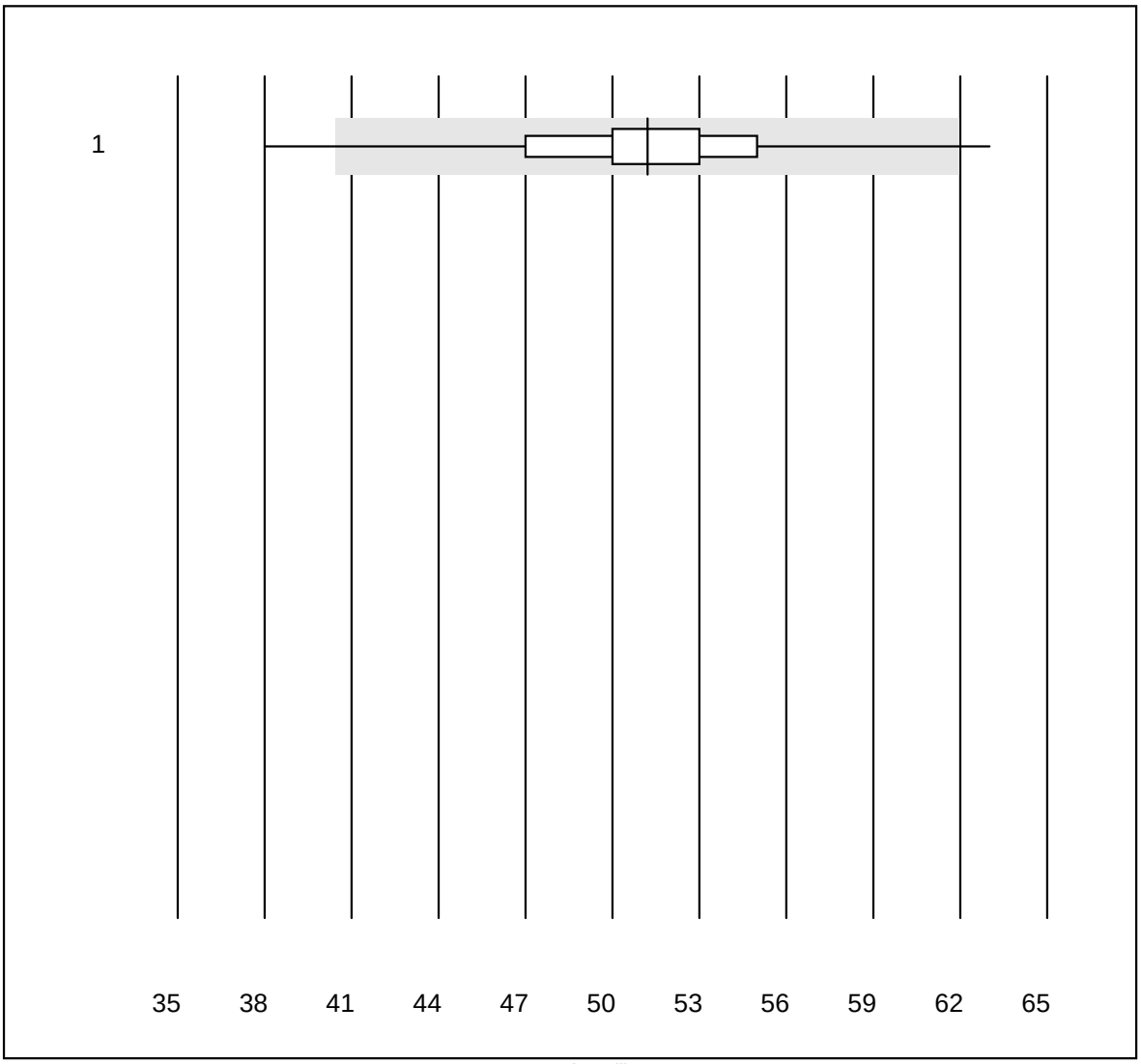


QUALAB tolerance : 21 %

CRP (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Afinion	1147	98.6	1.1	0.3	31.0	8.2	e
2	NycoCard SingleTest-	460	81.7	6.3	12.0	34.0	11.8	e
3	Abx Micros	135	97.8	1.5	0.7	31.5	8.0	e
4	ABX Micros CRP200	332	95.2	3.9	0.9	32.0	10.0	e
5	Quick Read go	87	98.9	0.0	1.1	31.0	6.2	e
6	Turbidimetry	40	97.5	0.0	2.5	31.3	8.7	e
7	Cobas	11	100.0	0.0	0.0	30.7	9.6	e*
8	Fuji Dri-Chem	23	78.3	4.3	17.4	33.4	10.8	e
9	Eurolyser	126	70.6	15.9	13.5	36.0	15.9	e
10	AQT 90 FLEX	6	100.0	0.0	0.0	34.5	6.5	e*
11	Spotchem D-Concept	7	100.0	0.0	0.0	38.5	7.5	e*
12	Spotchem SI-3510	4	100.0	0.0	0.0	28.8	7.3	e*
13	Other methods	4	75.0	0.0	25.0	29.0	9.1	e*

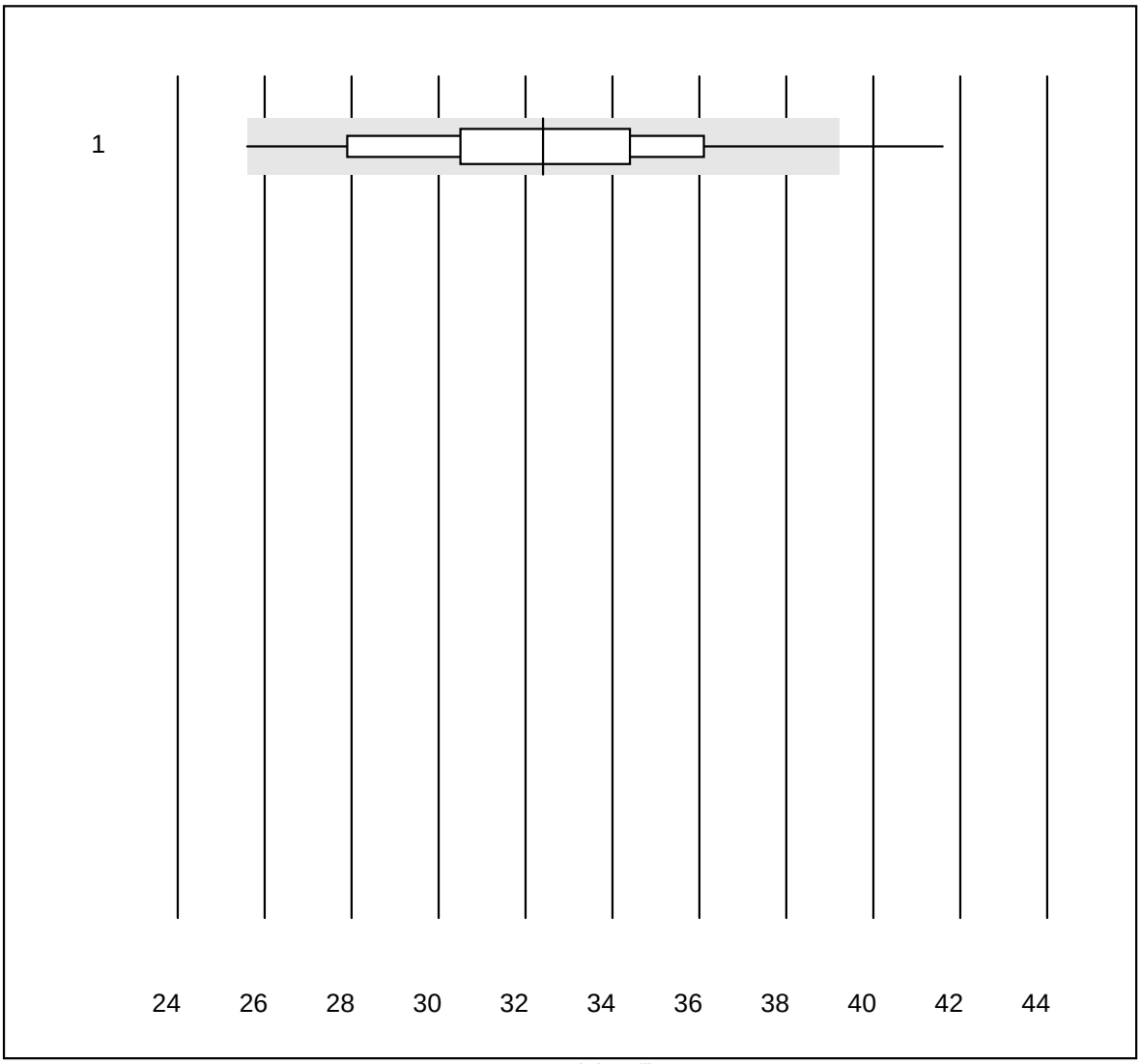
CRP



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	QuikRead (Vollblut)	179	96.7	1.1	2.2	51.2	6.5	e

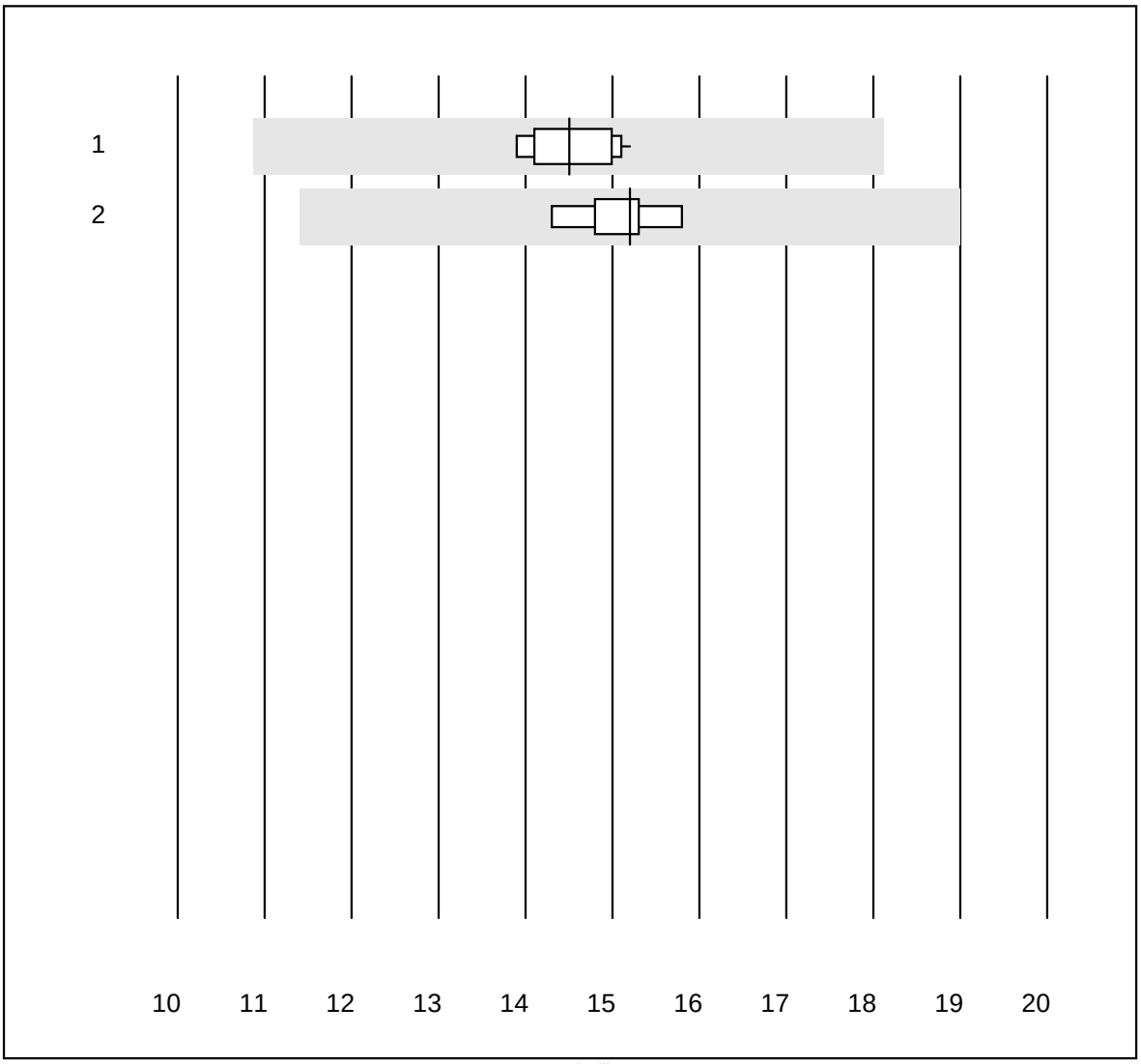
CRP emi



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Microsemi	243	97.6	1.6	0.8	32.4	9.5	e

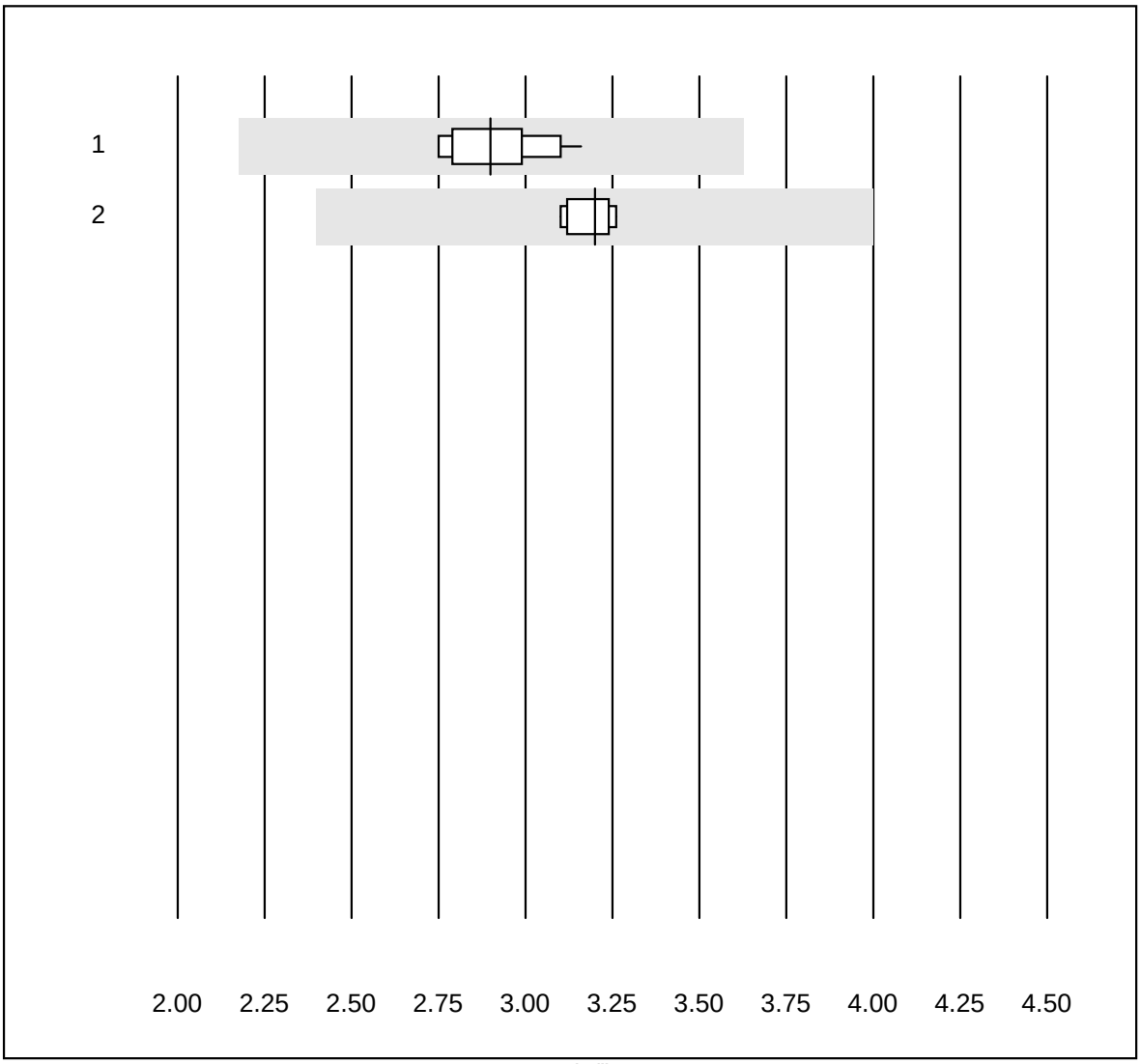
IgG



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	10	100.0	0.0	0.0	14.5	3.3	e
2	Nephelometry	7	85.7	0.0	14.3	15.2	3.4	e

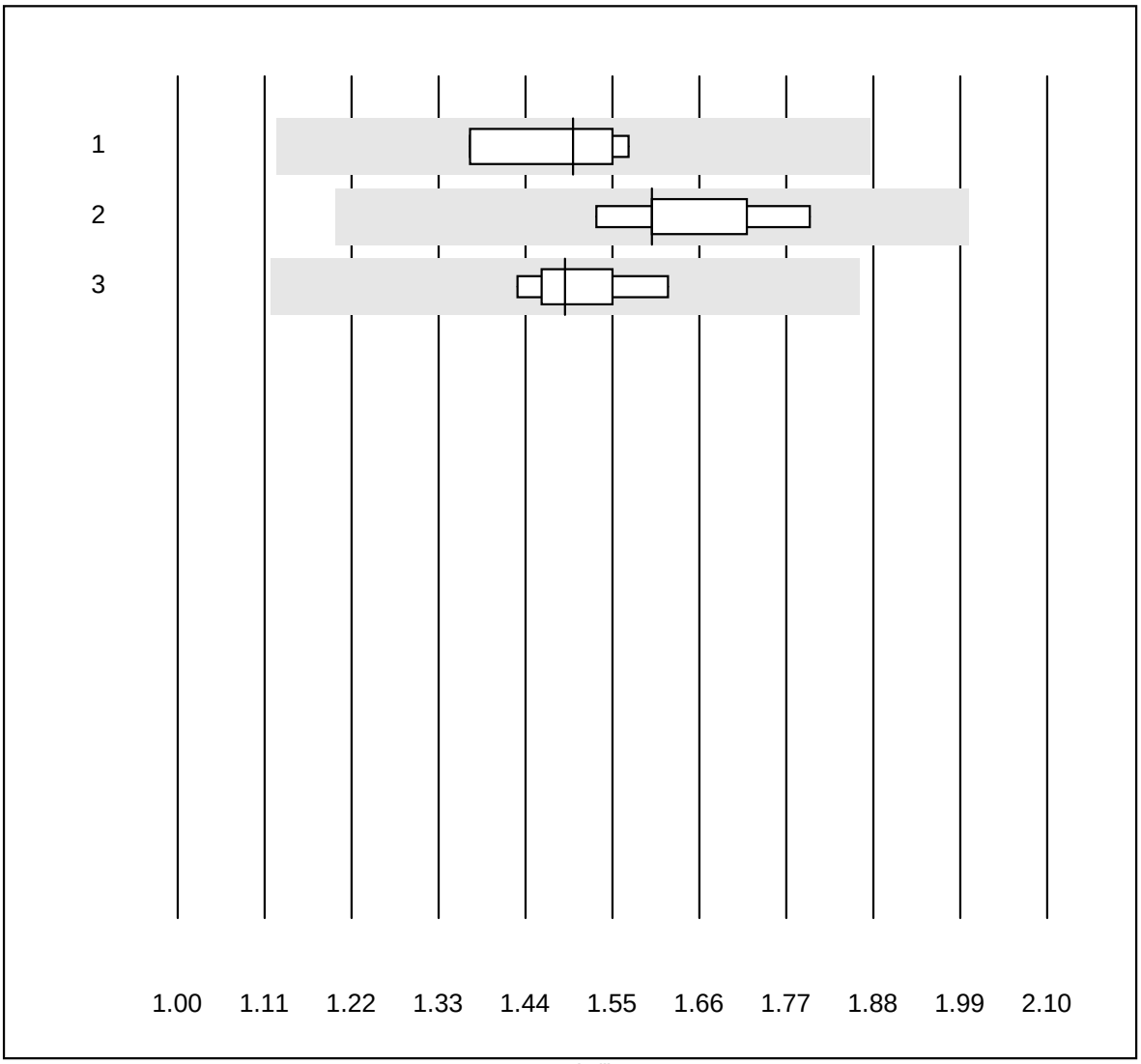
IgA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	10	100.0	0.0	0.0	2.9	4.9	e
2	Nephelometry	7	85.7	0.0	14.3	3.2	2.0	e

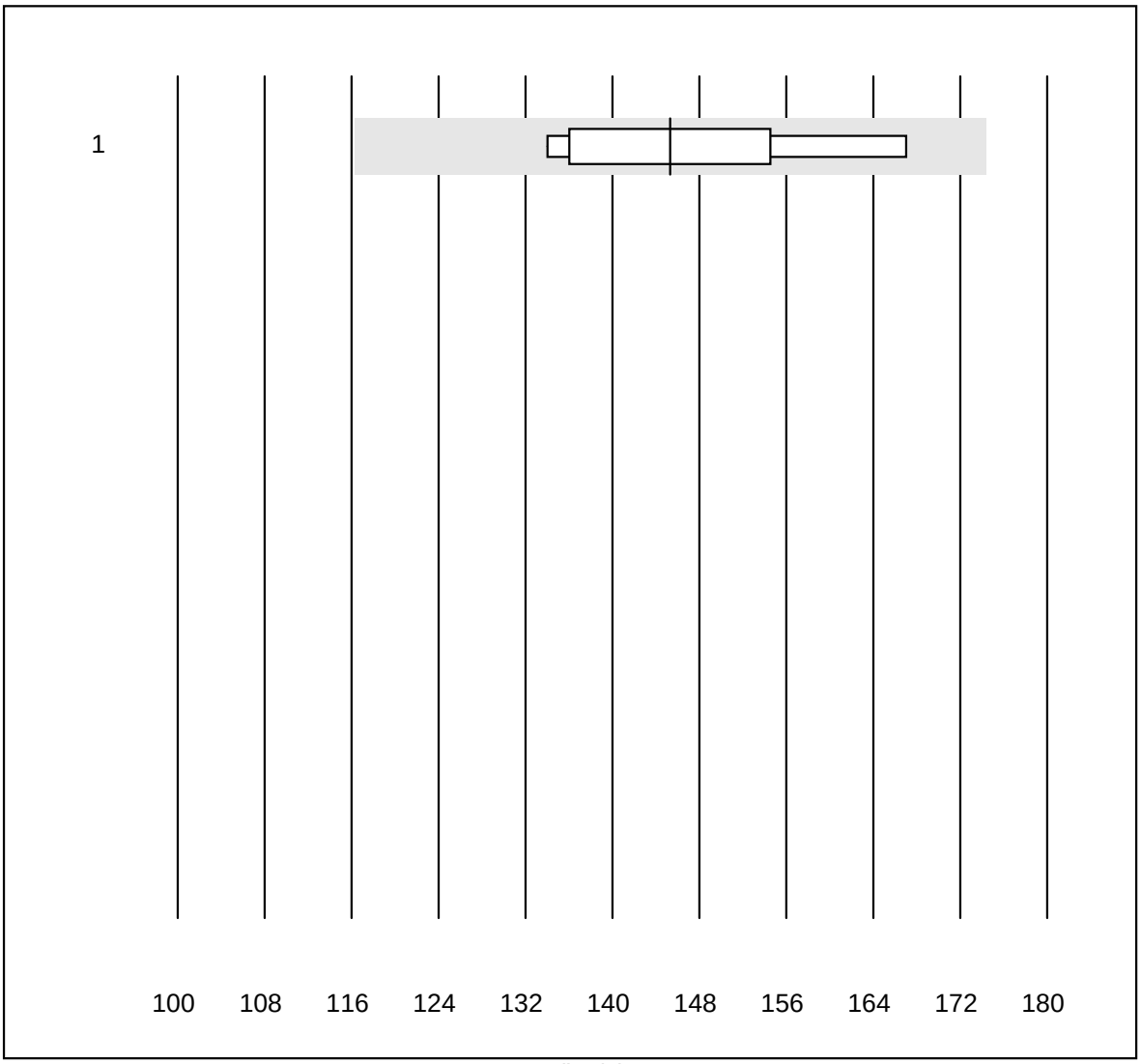
IgM



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Turbidimetry	4	100.0	0.0	0.0	1.5	6.3	e*
2	Nephelometry	7	85.7	0.0	14.3	1.6	5.9	e
3	Cobas Integra 800/40	6	100.0	0.0	0.0	1.5	4.5	e

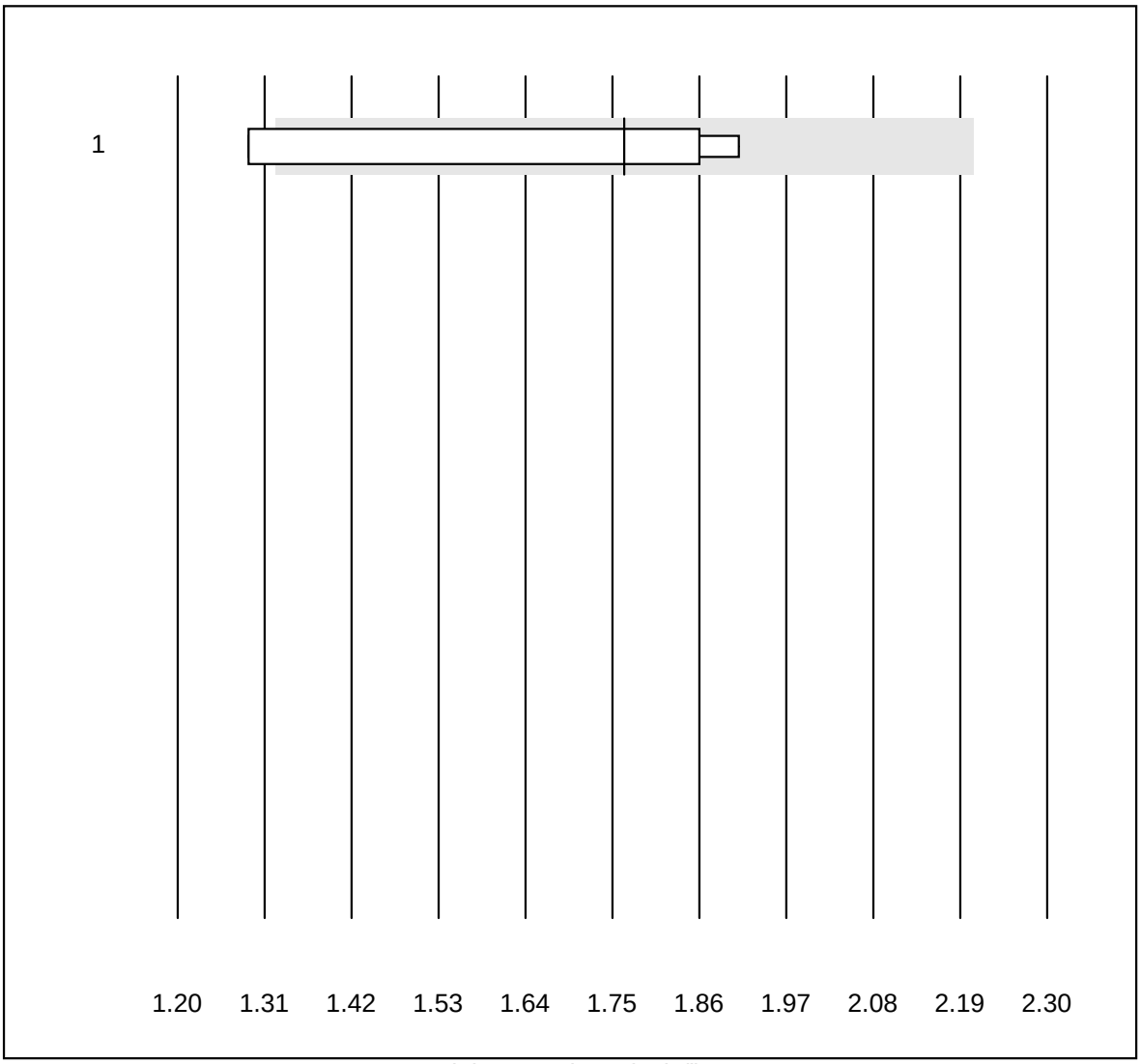
IgE



QUALAB tolerance : 20 %

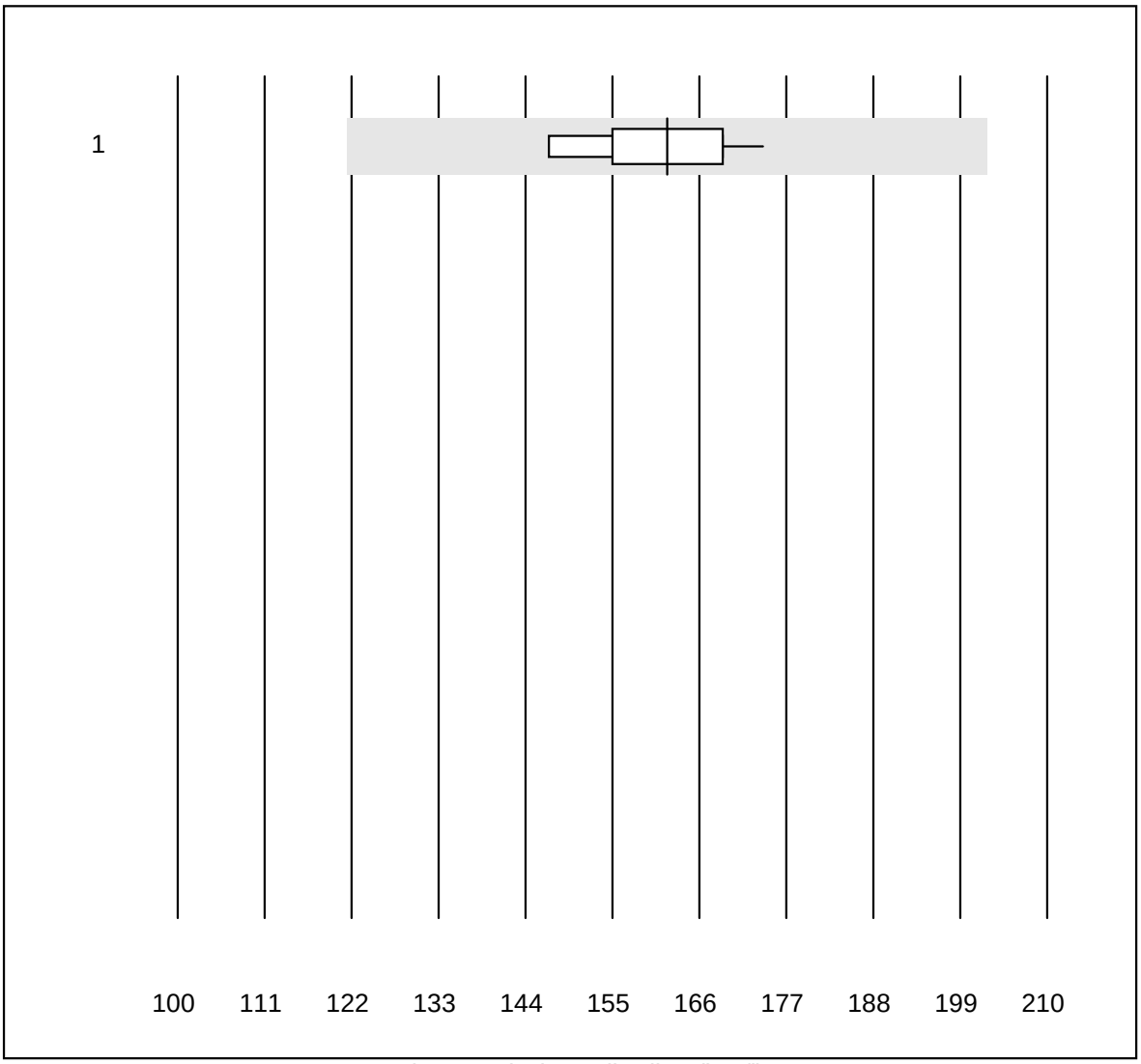
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	8	100.0	0.0	0.0	145	8.2	e*

Alpha-1-Antitrypsin



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Nephelometry	4	75.0	25.0	0.0	1.77	16.7	e*

Anti-Streptolysin-Antibodies

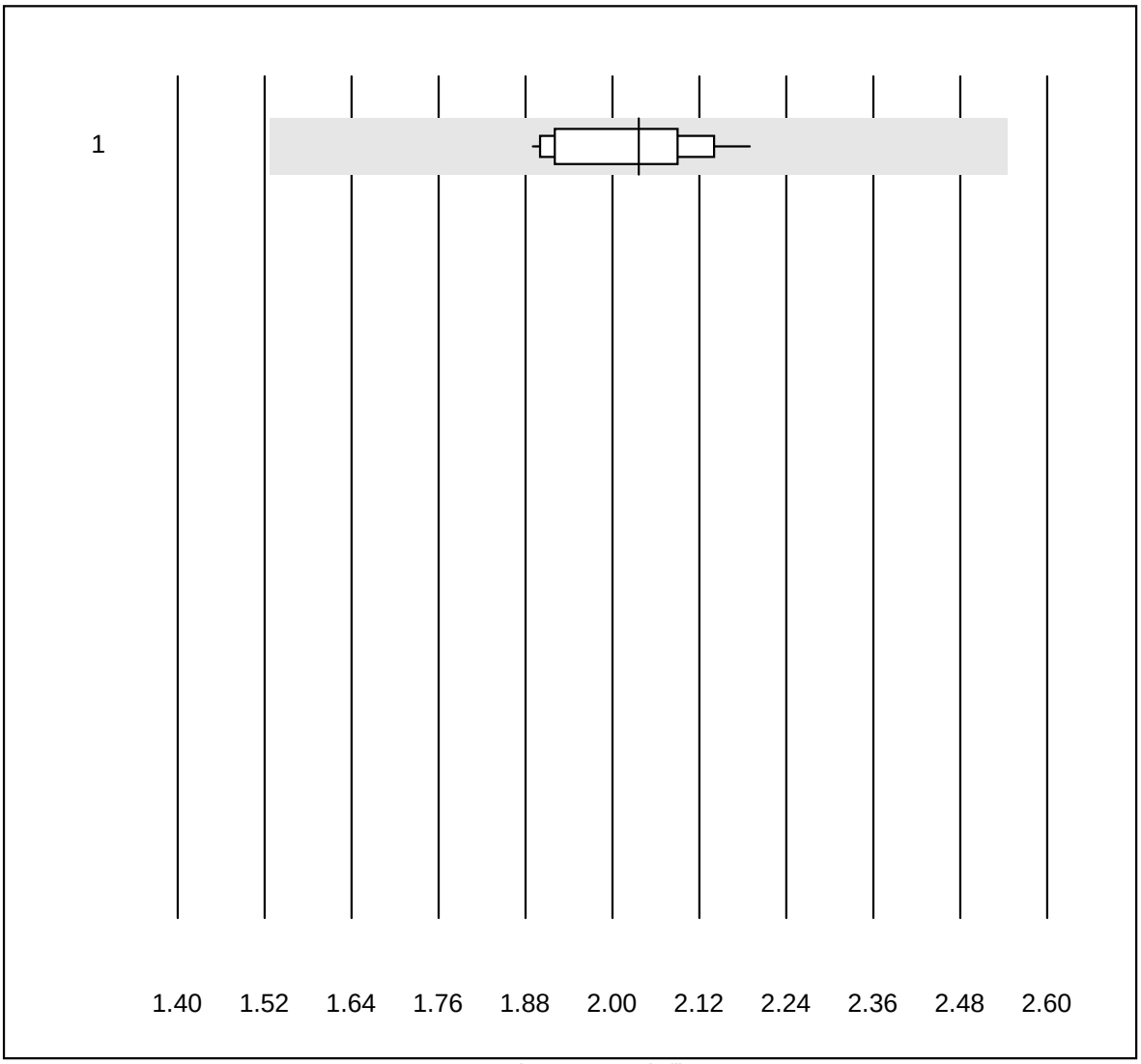


QUALAB tolerance : 25 %

Anti-Streptolysin-Antibodies (kIU/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	10	100.0	0.0	0.0	162	5.8	e

Complement C3

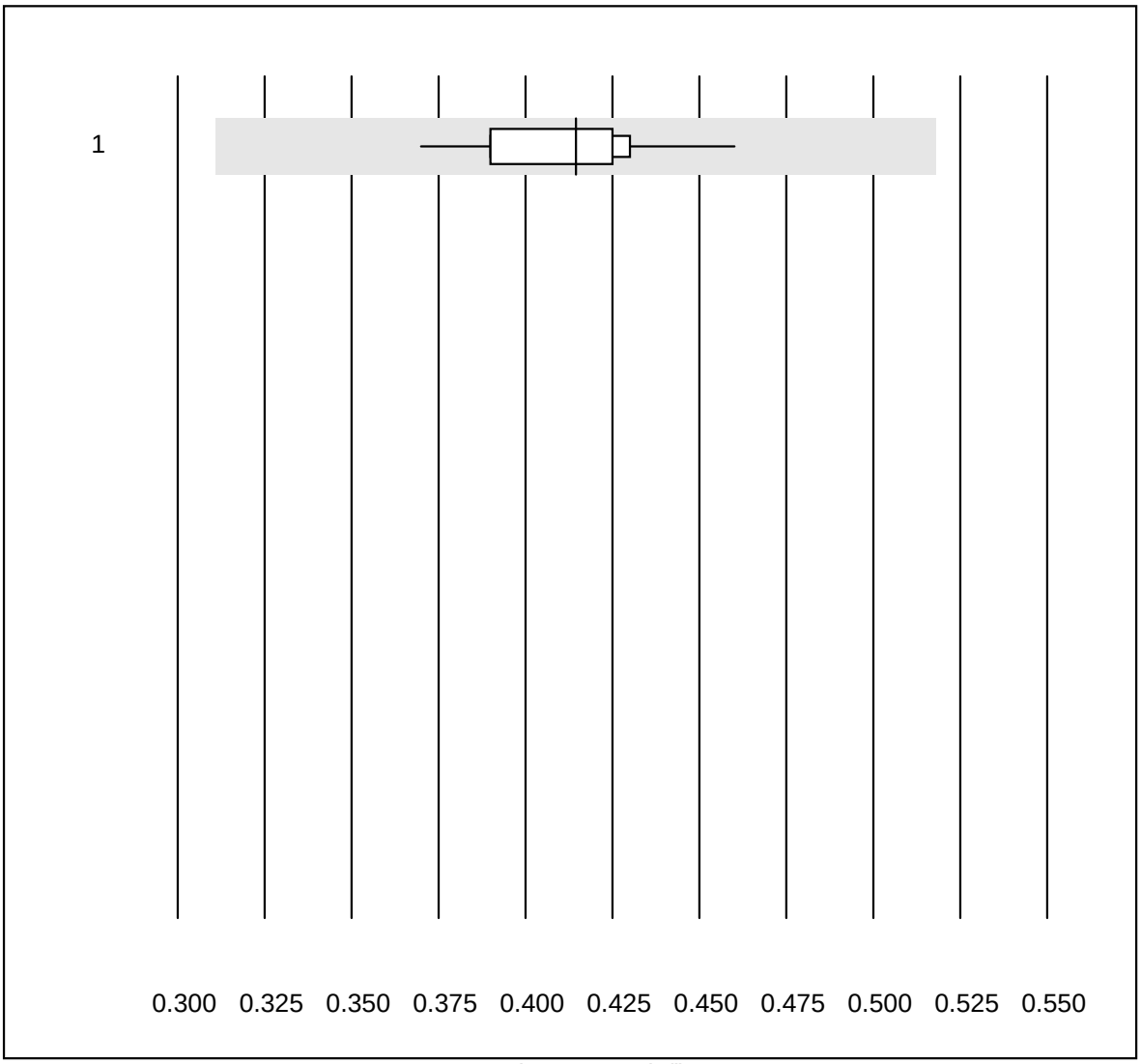


QUALAB tolerance : 25 %

Complement C3 (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	12	100.0	0.0	0.0	2.04	4.8	e

Complement C4

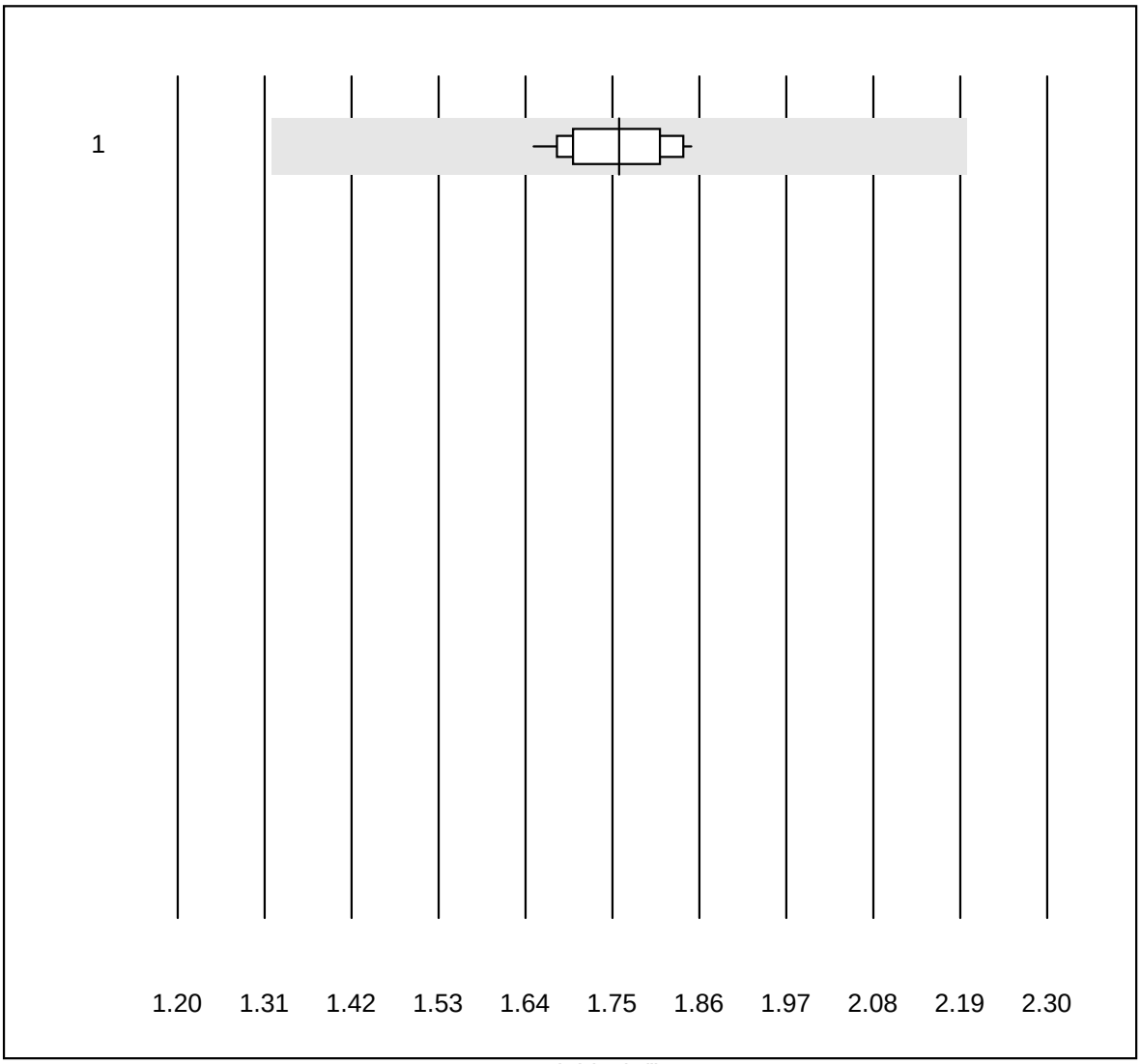


QUALAB tolerance : 25 %

Complement C4 (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	11	100.0	0.0	0.0	0.41	5.8	e

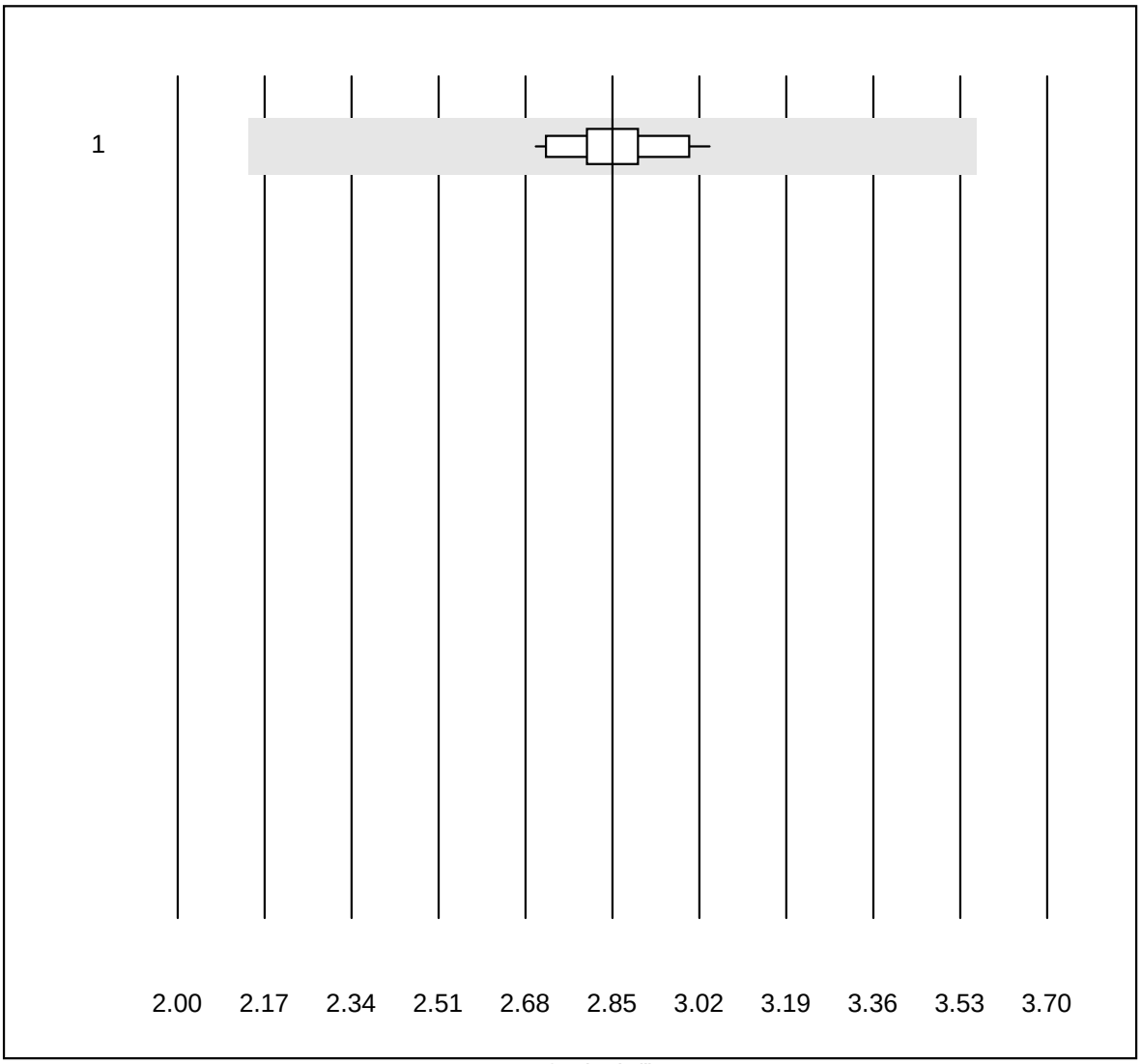
Haptoglobin



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	13	100.0	0.0	0.0	1.76	3.7	e

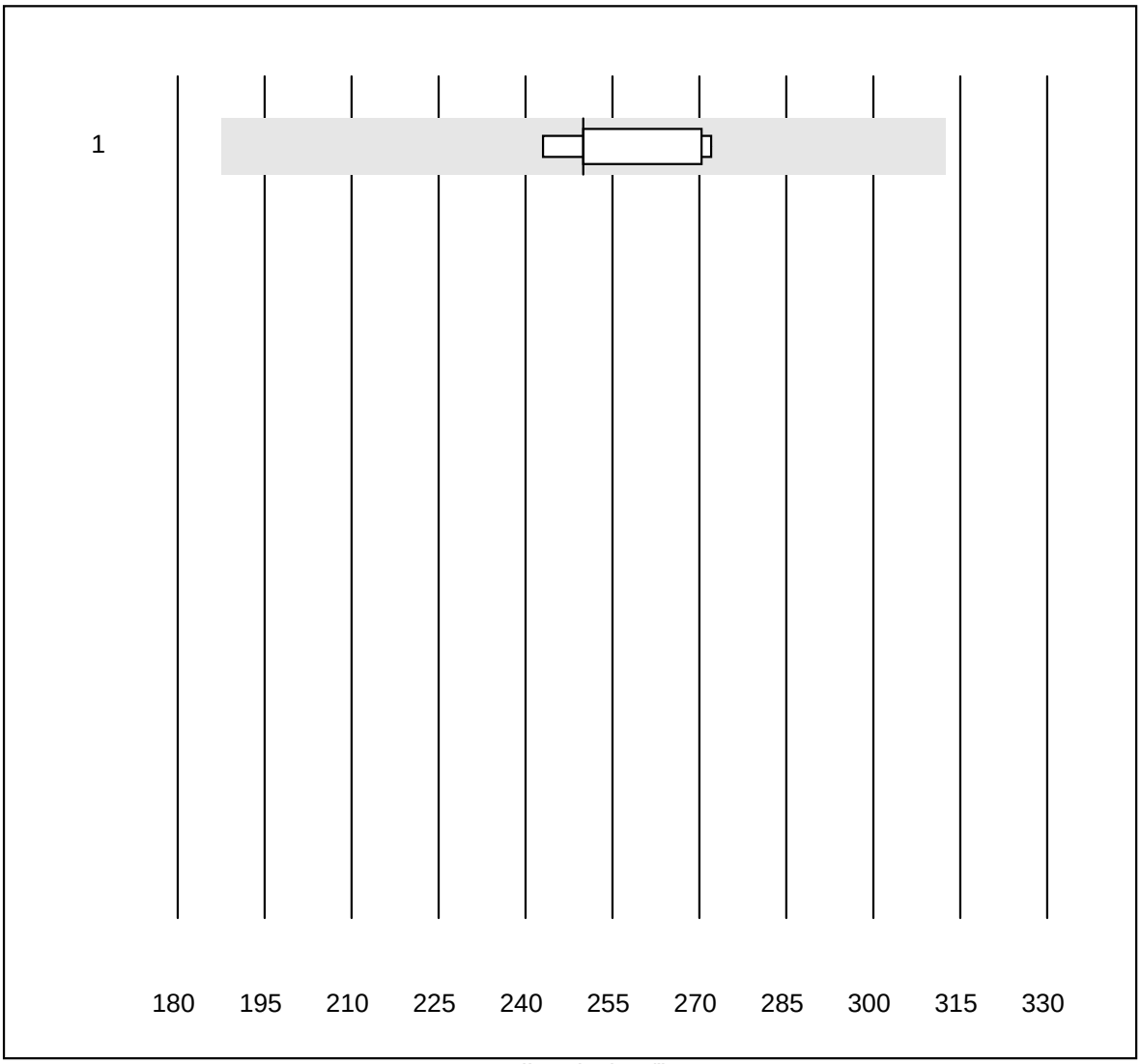
Transferrin



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	14	100.0	0.0	0.0	2.85	3.6	e

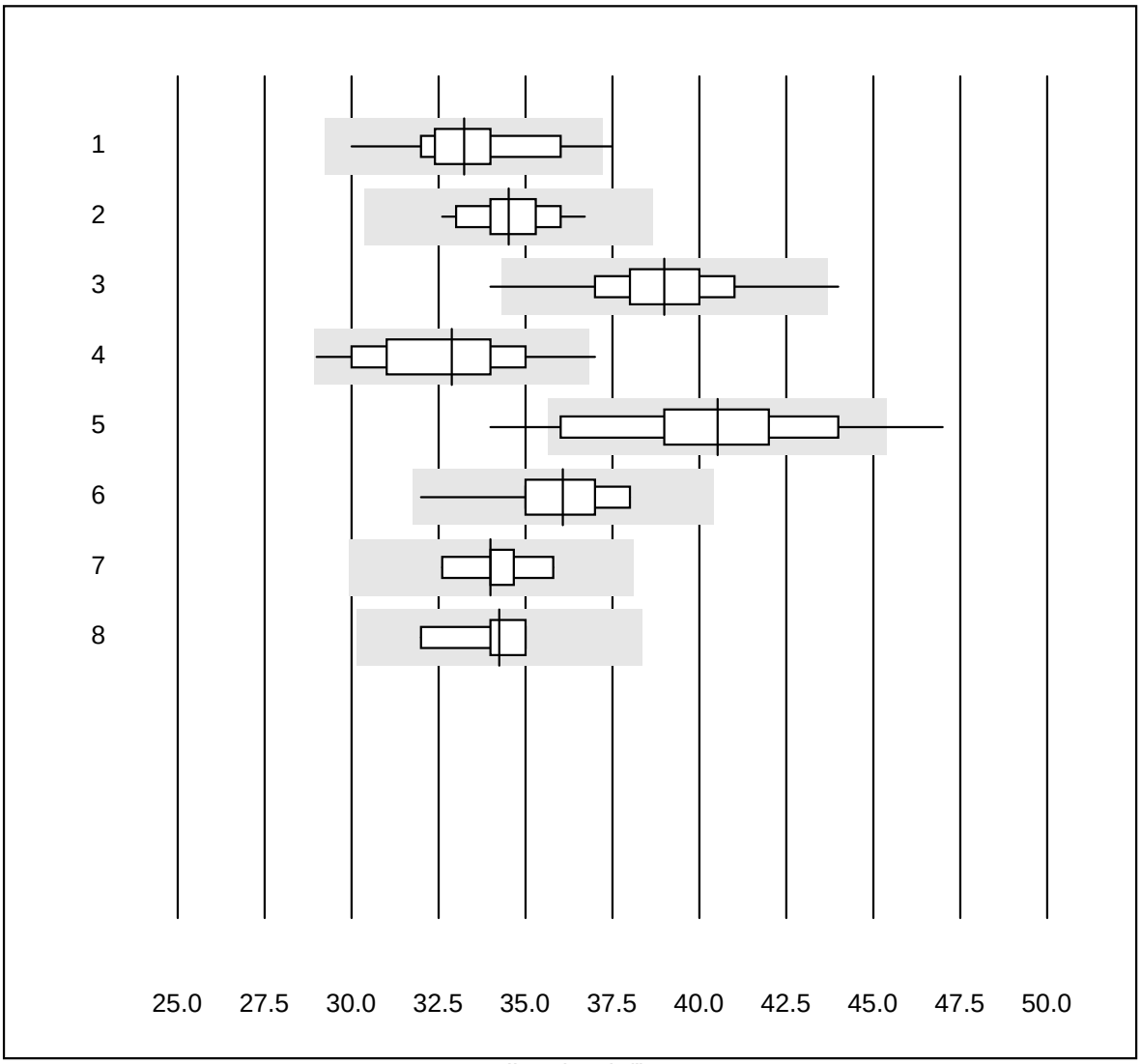
Präalbumin



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	6	100.0	0.0	0.0	250.0	4.7	e

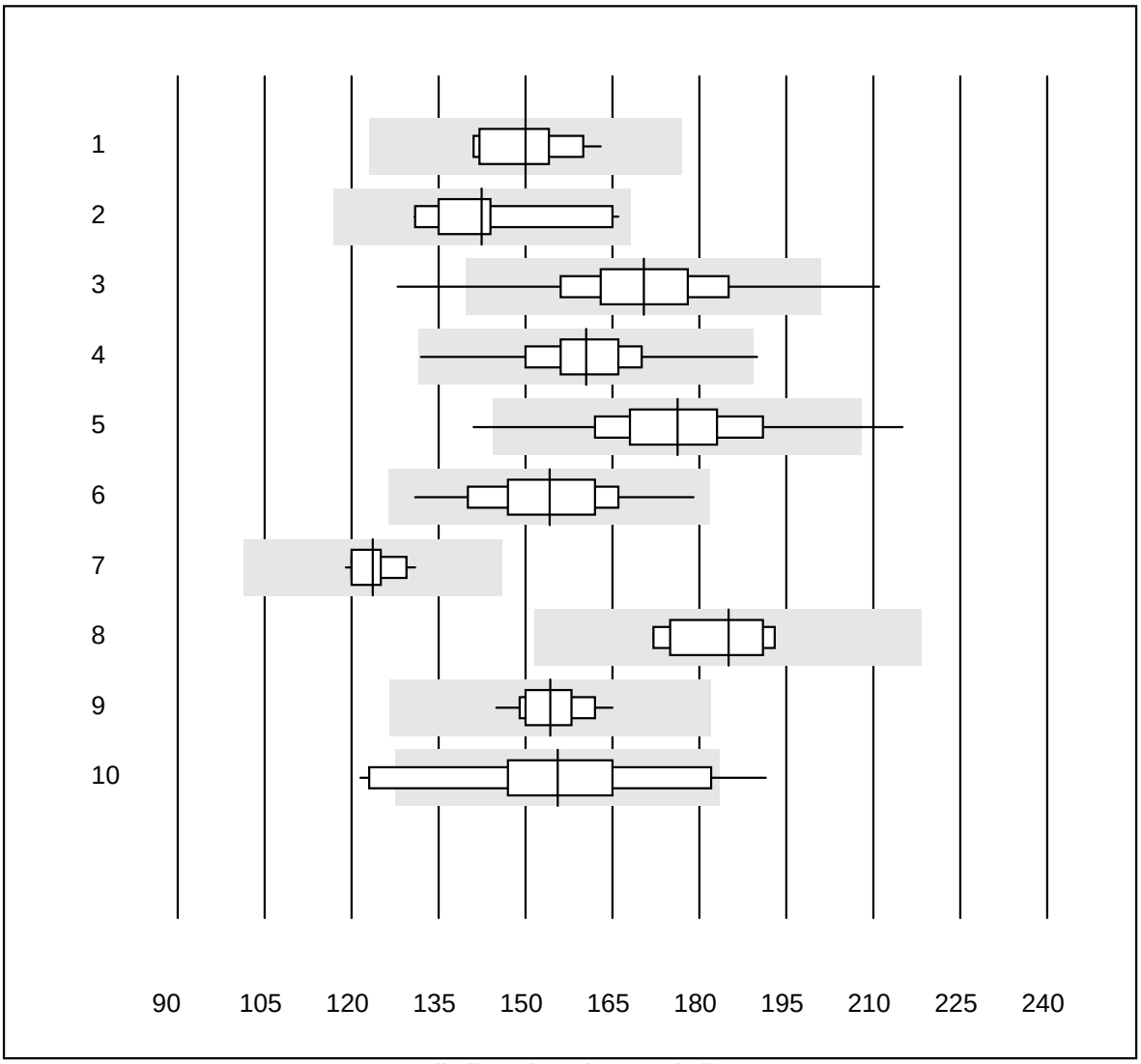
Albumine



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	17	94.1	5.9	0.0	33	5.0	e
2	Cobas	13	100.0	0.0	0.0	35	3.5	e
3	Fuji Dri-Chem	172	98.8	1.2	0.0	39	3.8	e
4	Spotchem/Ready	41	97.6	2.4	0.0	33	6.1	e
5	Spotchem D-Concept	70	90.0	8.6	1.4	41	6.8	e
6	Piccolo	26	100.0	0.0	0.0	36	3.8	e
7	Abx Mira	8	100.0	0.0	0.0	34	2.9	e
8	Hitachi S40/M40	8	87.5	0.0	12.5	34	3.0	e

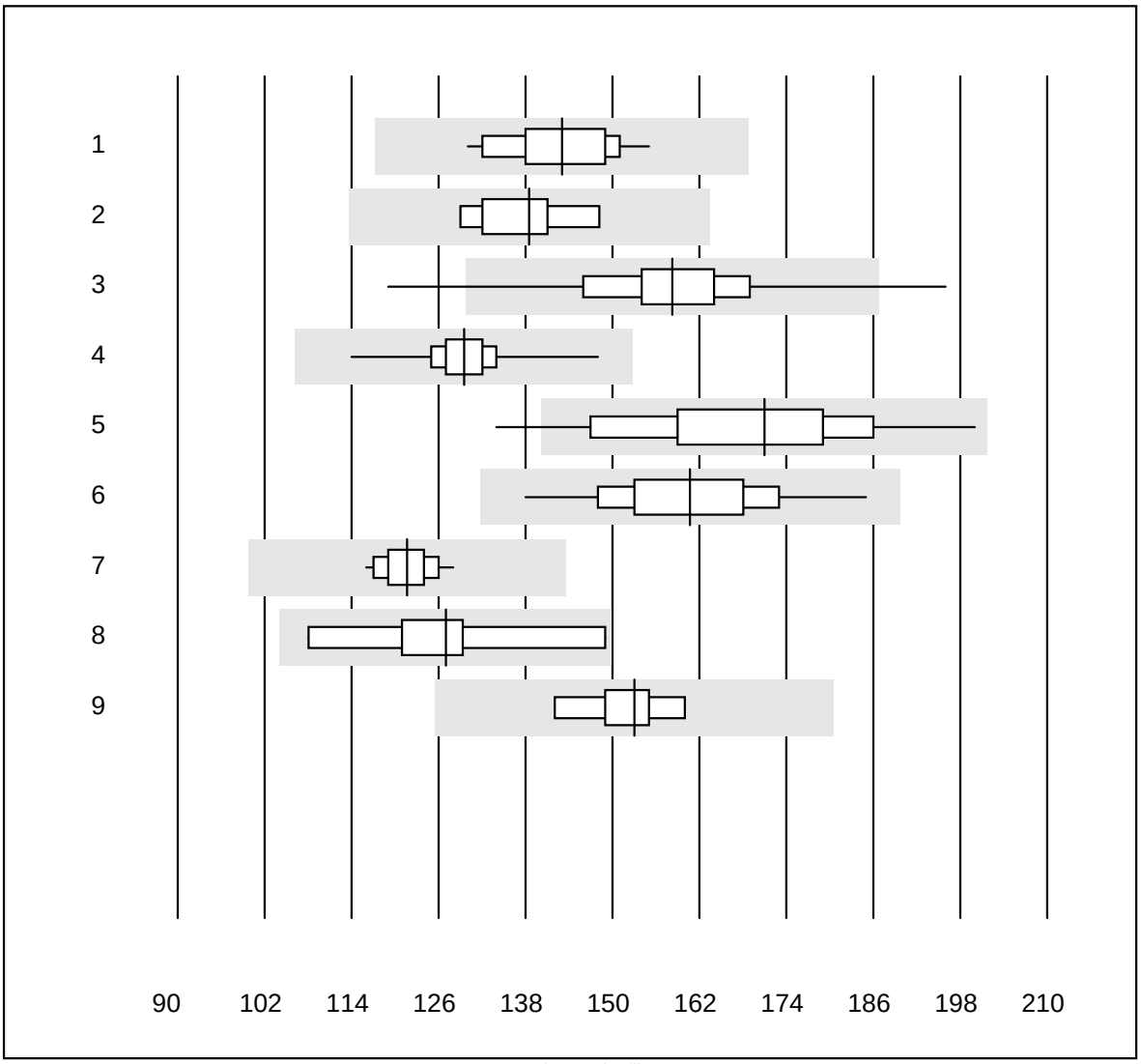
Alkaline phosphatase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC/SGKC 37'C	10	100.0	0.0	0.0	150	5.1	e
2	Cobas	18	94.4	0.0	5.6	142	7.6	e
3	Reflotron	679	96.6	2.2	1.2	170	7.1	e
4	Fuji Dri-Chem	658	99.2	0.2	0.6	160	4.8	e
5	Spotchem/Ready	118	94.9	3.4	1.7	176	7.3	e
6	Spotchem D-Concept	128	98.4	0.0	1.6	154	6.5	e
7	Hitachi S40/M40	12	100.0	0.0	0.0	124	3.3	e
8	Olympus	6	100.0	0.0	0.0	185	4.6	e
9	Piccolo	27	96.3	0.0	3.7	154	3.3	e
10	Abx Mira	19	78.9	15.8	5.3	156	11.4	e*

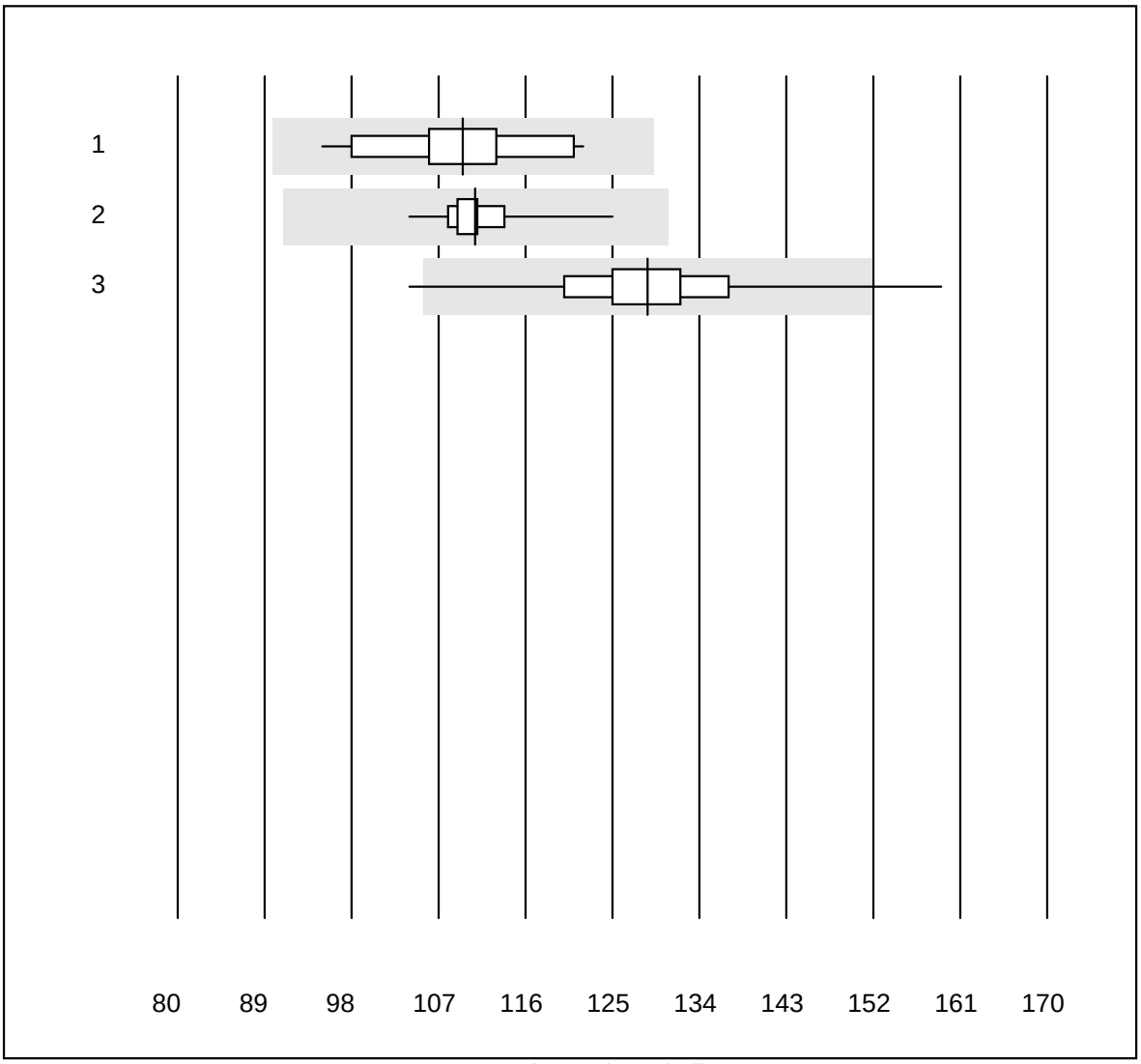
Amylase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC EPS liquid 37°C	11	100.0	0.0	0.0	143	5.6	e
2	Cobas	6	100.0	0.0	0.0	139	5.0	e
3	Reflotron	184	96.7	3.3	0.0	158	6.5	e
4	Fuji Dri-Chem	490	99.8	0.0	0.2	130	3.1	e
5	Spotchem/Ready	78	96.2	3.8	0.0	171	8.9	a
6	Spotchem D-Concept	95	98.9	0.0	1.1	161	6.1	e
7	Piccolo	25	96.0	0.0	4.0	122	2.8	e
8	Abx Mira	9	100.0	0.0	0.0	127	8.6	e*
9	Hitachi S40/M40	6	100.0	0.0	0.0	153	4.1	e

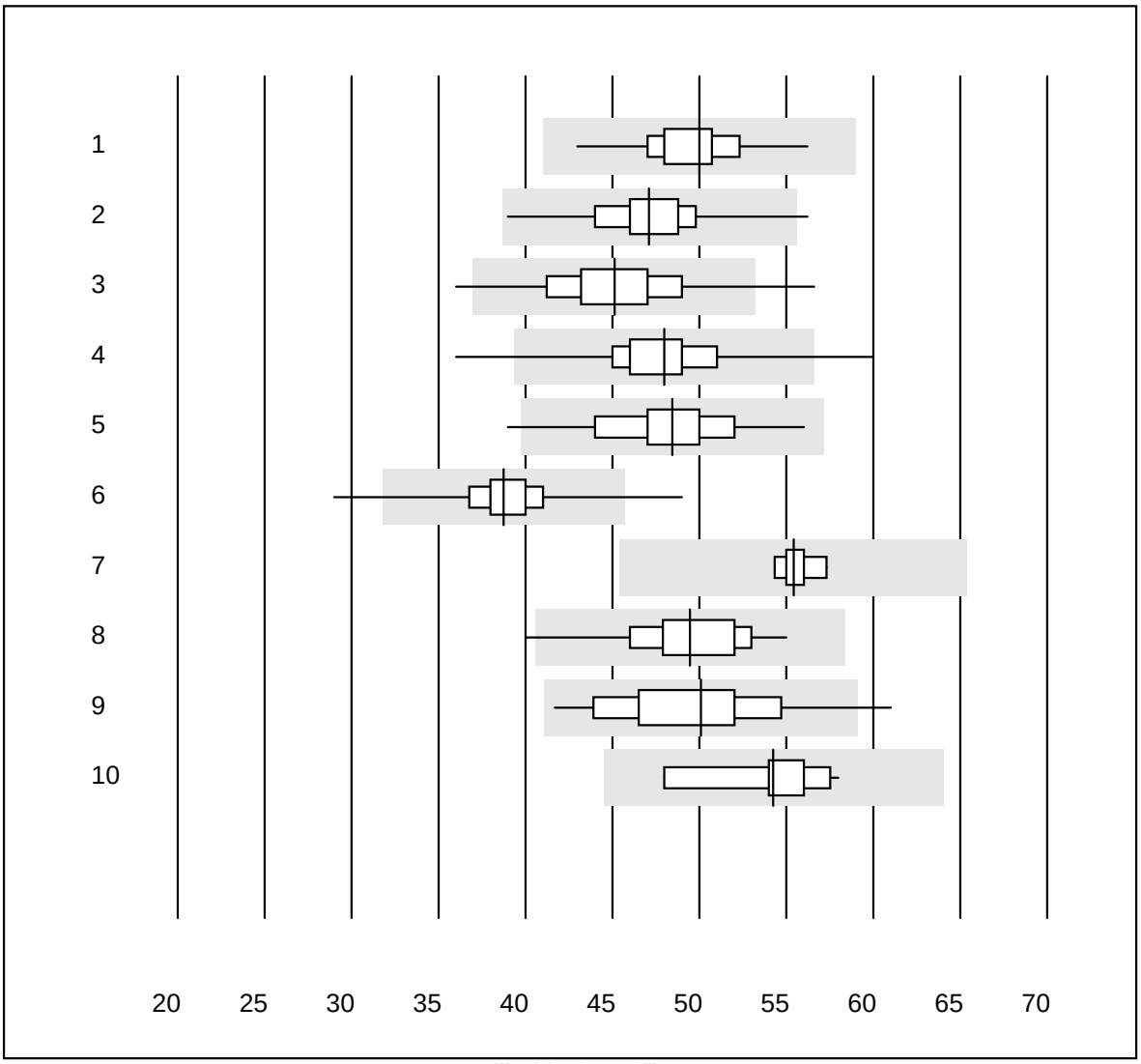
Pancreatic amylase



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	110	6.8	e
2	Cobas	13	100.0	0.0	0.0	111	4.4	e
3	Reflotron	444	97.5	1.8	0.7	129	5.6	e

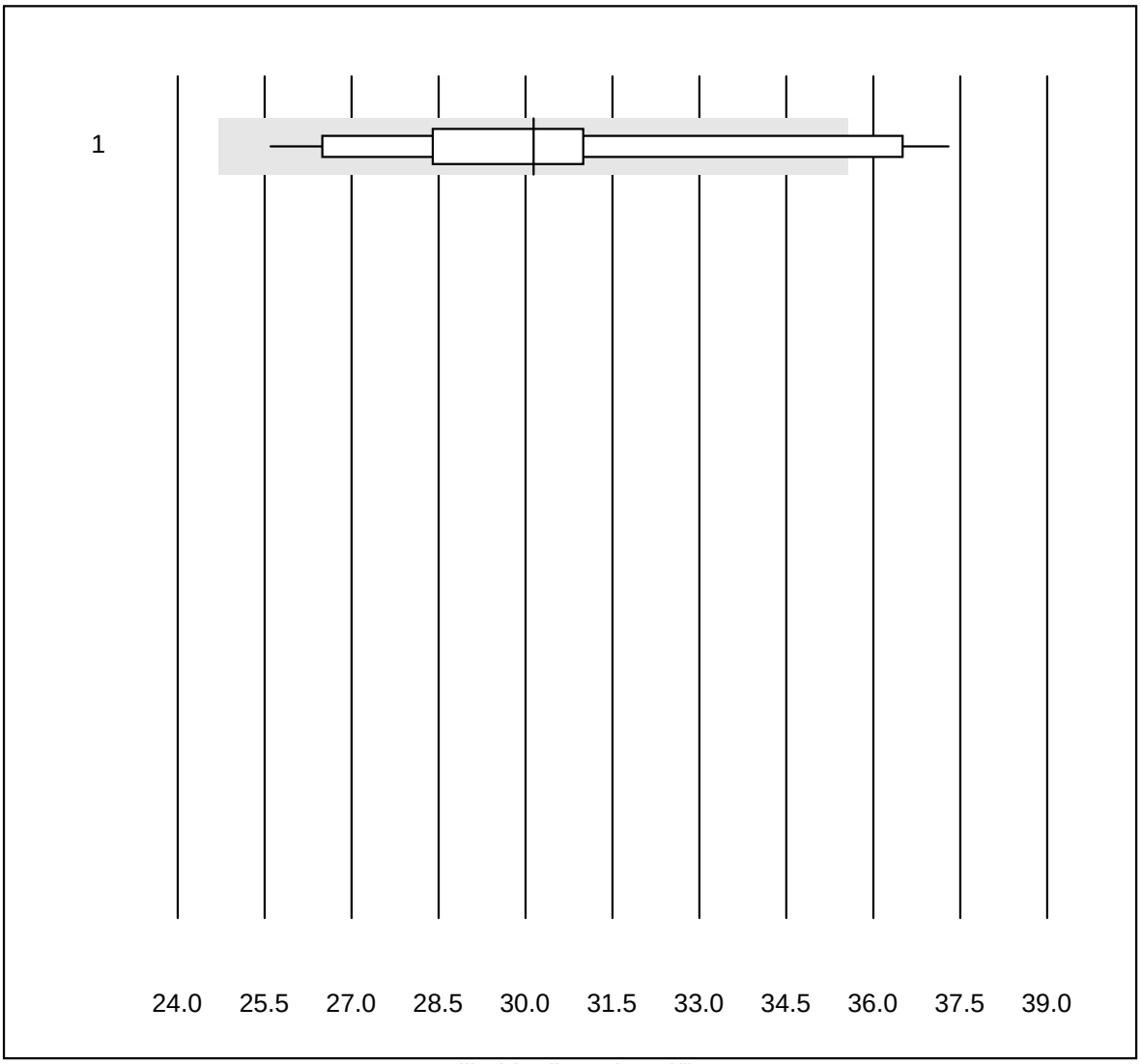
Bilirubin



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	13	92.3	0.0	7.7	50.0	6.4	e
2	Cobas	17	94.1	5.9	0.0	47.1	7.2	e
3	Reflotron	497	96.6	1.2	2.2	45.1	6.9	e
4	Fuji Dri-Chem	491	98.4	0.6	1.0	48.0	5.2	e
5	Spotchem/Ready	93	97.8	1.1	1.1	48.4	6.7	e
6	Spotchem D-Concept	101	98.0	2.0	0.0	38.7	6.2	e
7	Beckman/Olympus	6	100.0	0.0	0.0	55.4	1.9	e
8	Piccolo	26	92.4	3.8	3.8	49.5	7.1	e
9	Abx Mira	19	94.7	5.3	0.0	50.1	8.8	e
10	Hitachi S40/M40	11	90.9	0.0	9.1	54.3	6.0	e

Bilirubin direct

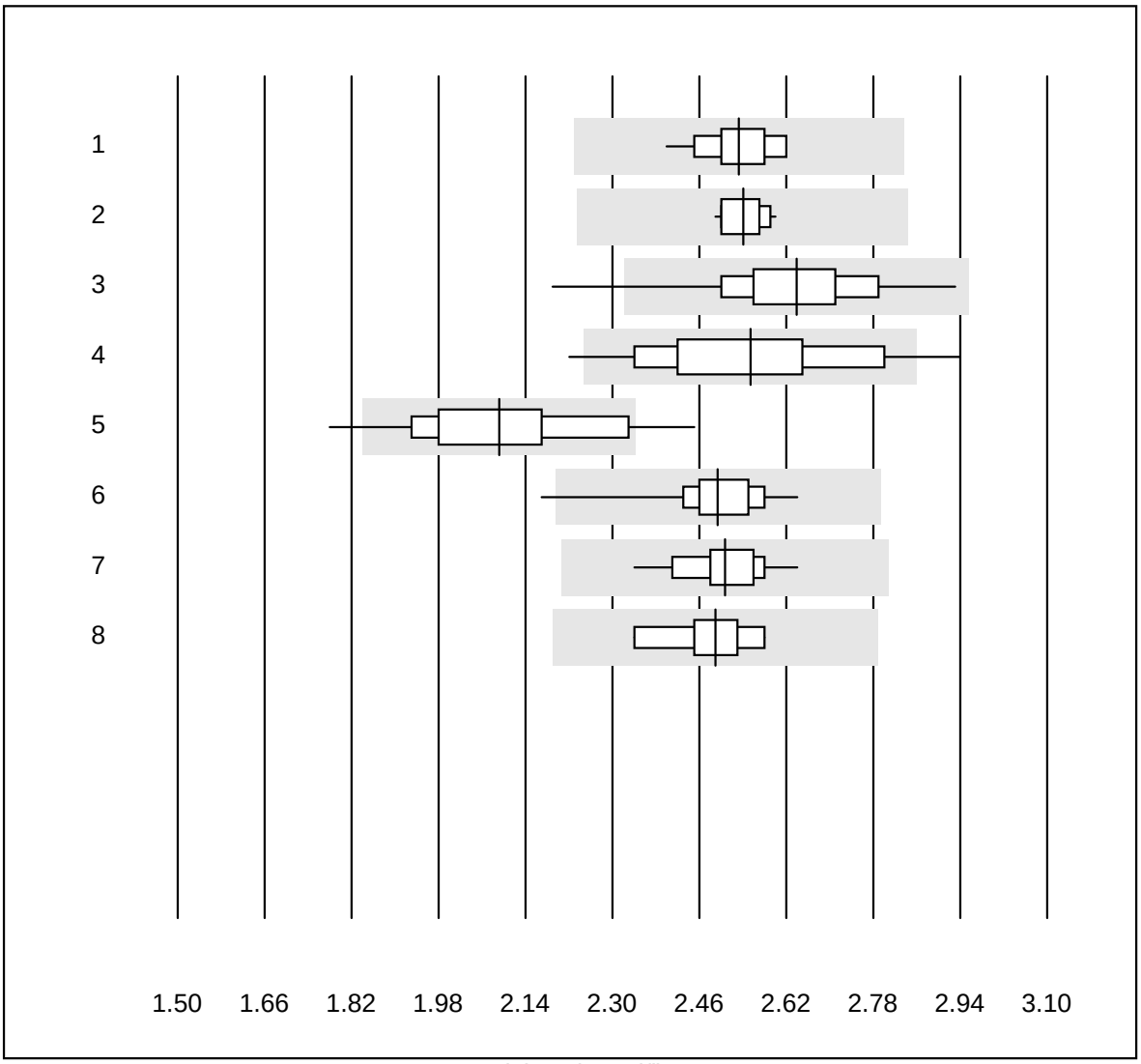


QUALAB tolerance : 18 %

Bilirubin direct (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Fuji Dri-Chem	29	86.3	10.3	3.4	30.1	10.4	e

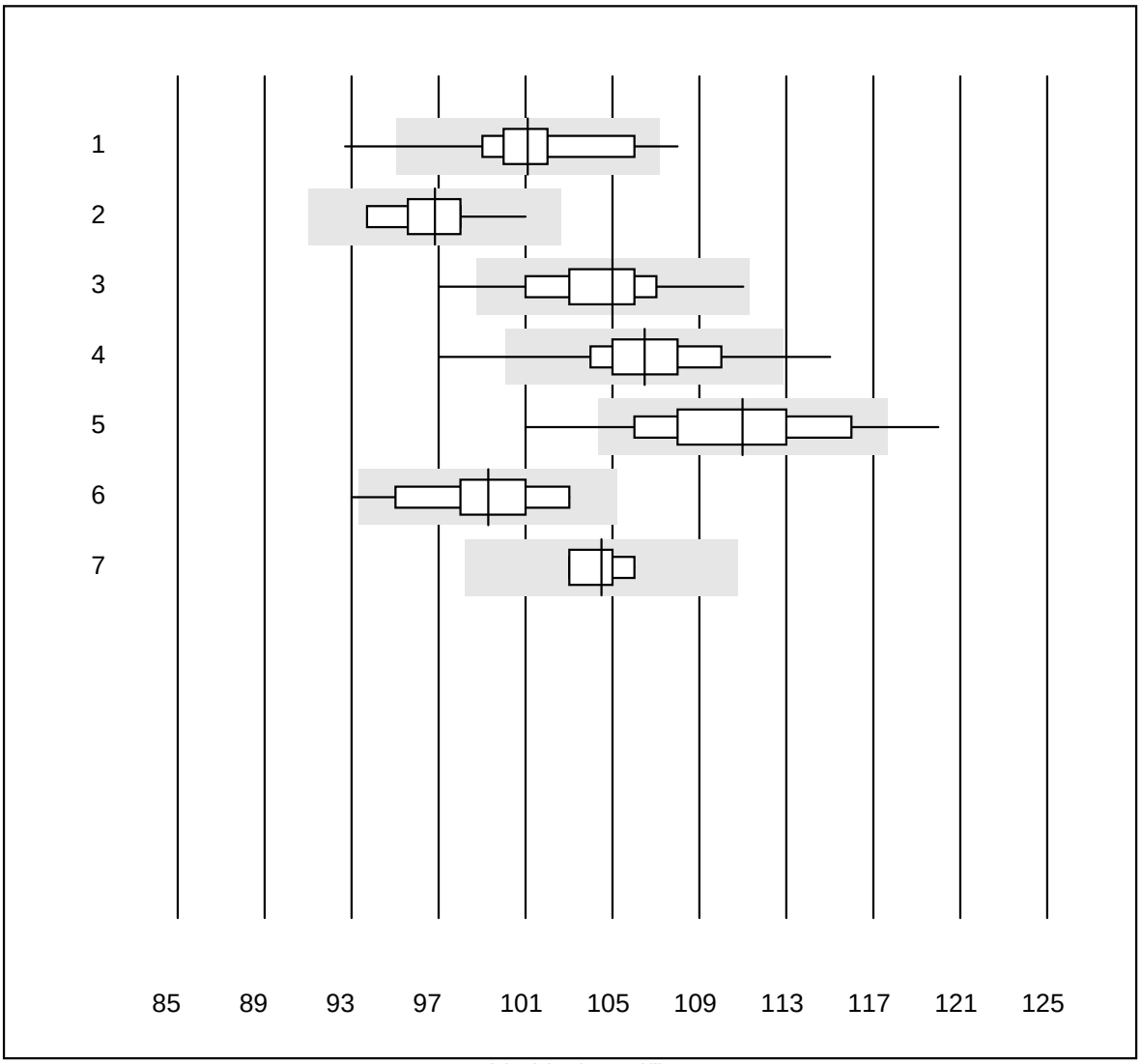
Calcium



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	19	100.0	0.0	0.0	2.53	2.3	e
2	Cobas	13	100.0	0.0	0.0	2.54	1.6	e
3	Fuji Dri-Chem	339	99.4	0.3	0.3	2.64	4.3	e
4	Spotchem/Ready	44	95.5	4.5	0.0	2.55	6.5	e
5	Spotchem D-Concept	66	84.8	15.2	0.0	2.09	7.5	e
6	Piccolo	26	96.2	3.8	0.0	2.49	3.5	e
7	Abx Mira	13	100.0	0.0	0.0	2.51	3.1	e
8	Hitachi S40/M40	10	90.0	0.0	10.0	2.49	2.8	e

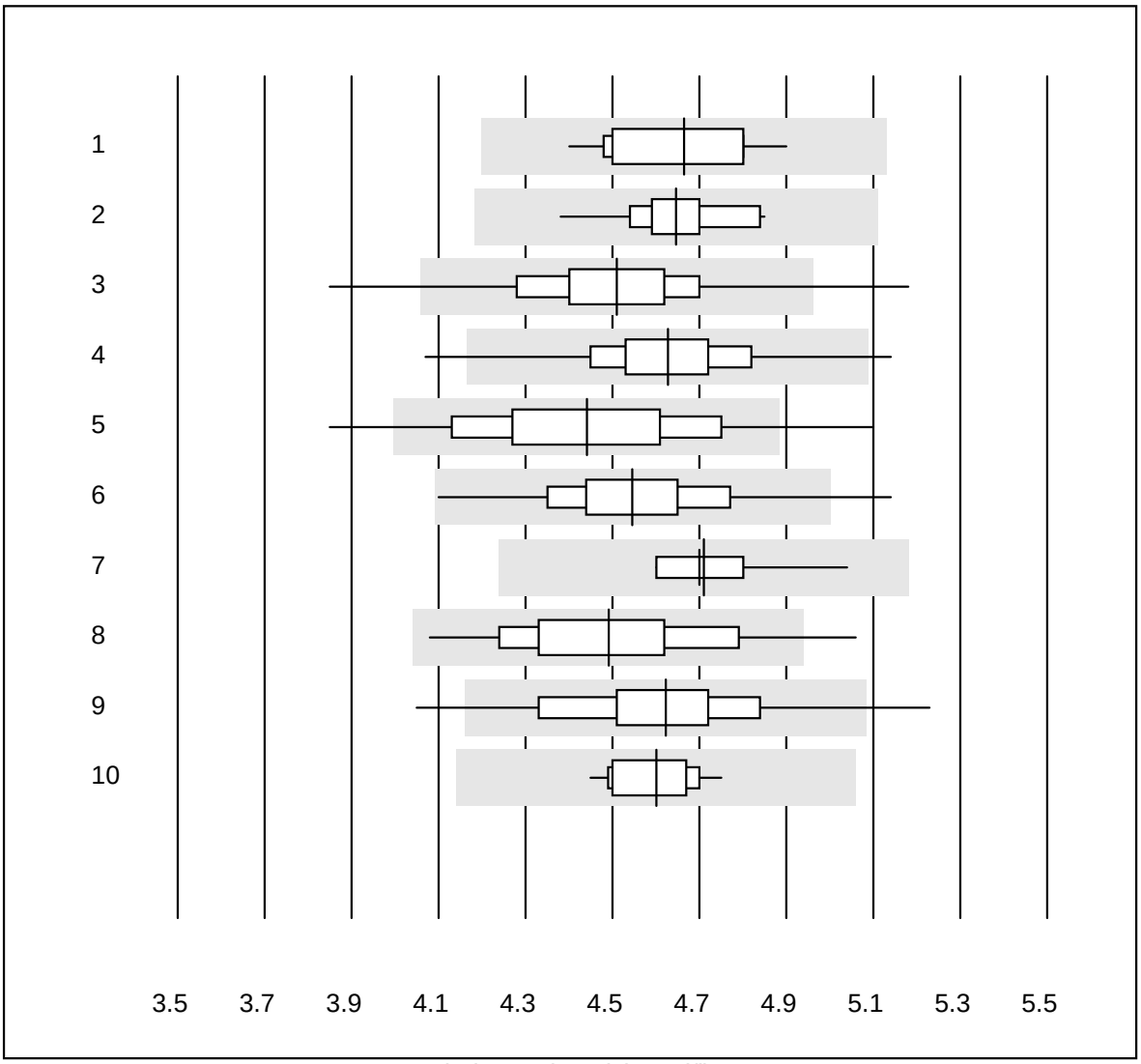
Chloride



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	15	86.7	13.3	0.0	101	3.4	e*
2	Cobas	10	100.0	0.0	0.0	97	2.1	e
3	Fuji Dri-Chem	578	96.7	2.1	1.2	105	2.3	e
4	Spotchem D-Concept	114	96.4	1.8	1.8	106	2.5	e
5	Spotchem EL-SE 1520	111	81.1	10.8	8.1	111	3.6	e
6	Piccolo	17	94.1	5.9	0.0	99	2.7	e
7	iStat Chem8	4	100.0	0.0	0.0	105	1.2	e

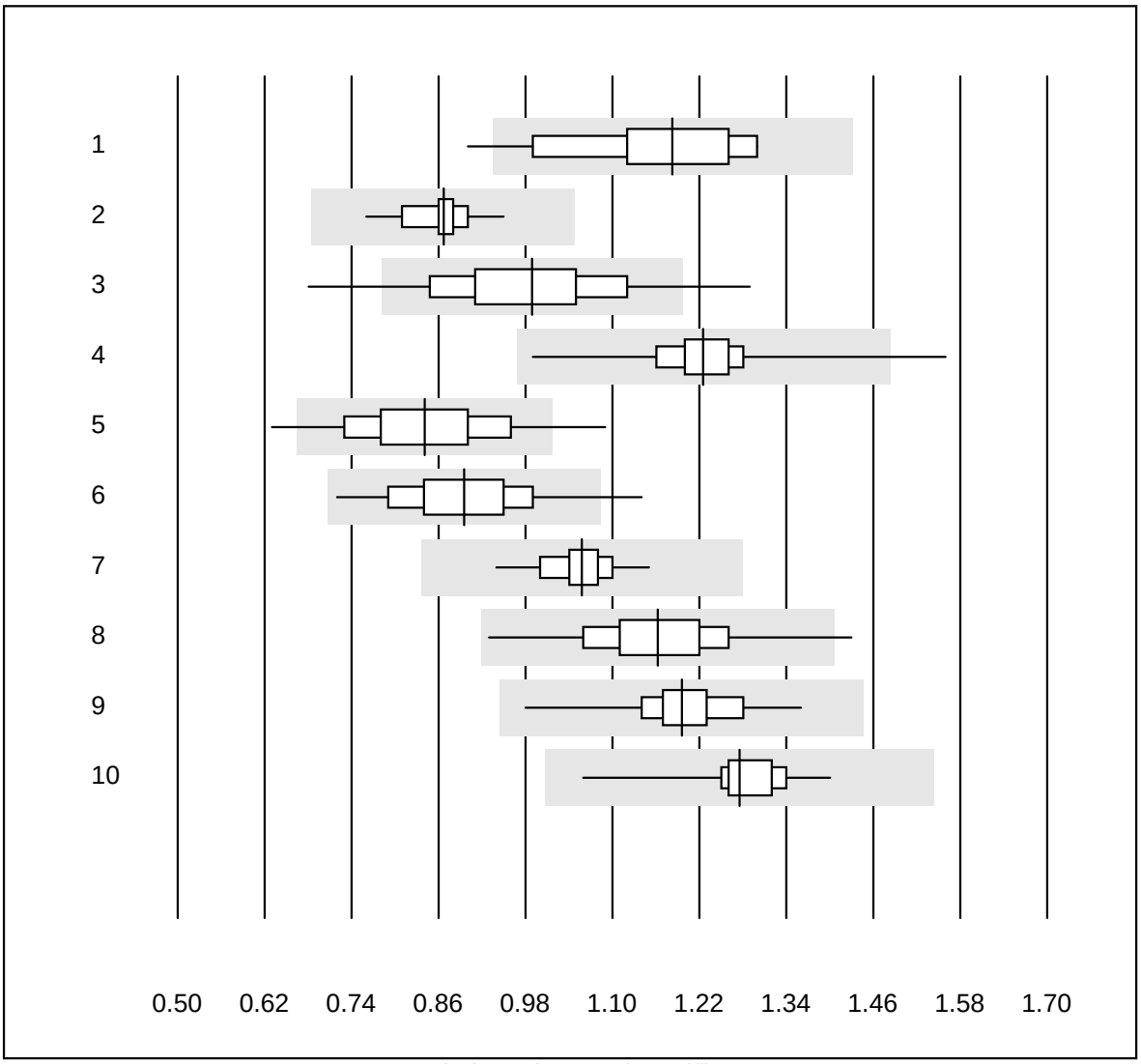
Cholesterol total



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	19	100.0	0.0	0.0	4.7	3.0	e
2	Cobas	16	100.0	0.0	0.0	4.6	2.5	e
3	Reflotron	790	97.7	1.5	0.8	4.5	3.8	e
4	Fuji Dri-Chem	677	99.2	0.4	0.4	4.6	3.3	e
5	Spotchem/Ready	144	88.2	6.9	4.9	4.4	5.5	e
6	Spotchem D-Concept	131	98.5	1.5	0.0	4.5	3.7	e
7	Piccolo	22	100.0	0.0	0.0	4.7	2.1	e
8	Cholestech LDX	192	96.9	2.1	1.0	4.5	4.7	e
9	Abx Mira	19	89.5	10.5	0.0	4.6	5.2	e
10	Hitachi S40/M40	12	100.0	0.0	0.0	4.6	2.0	e

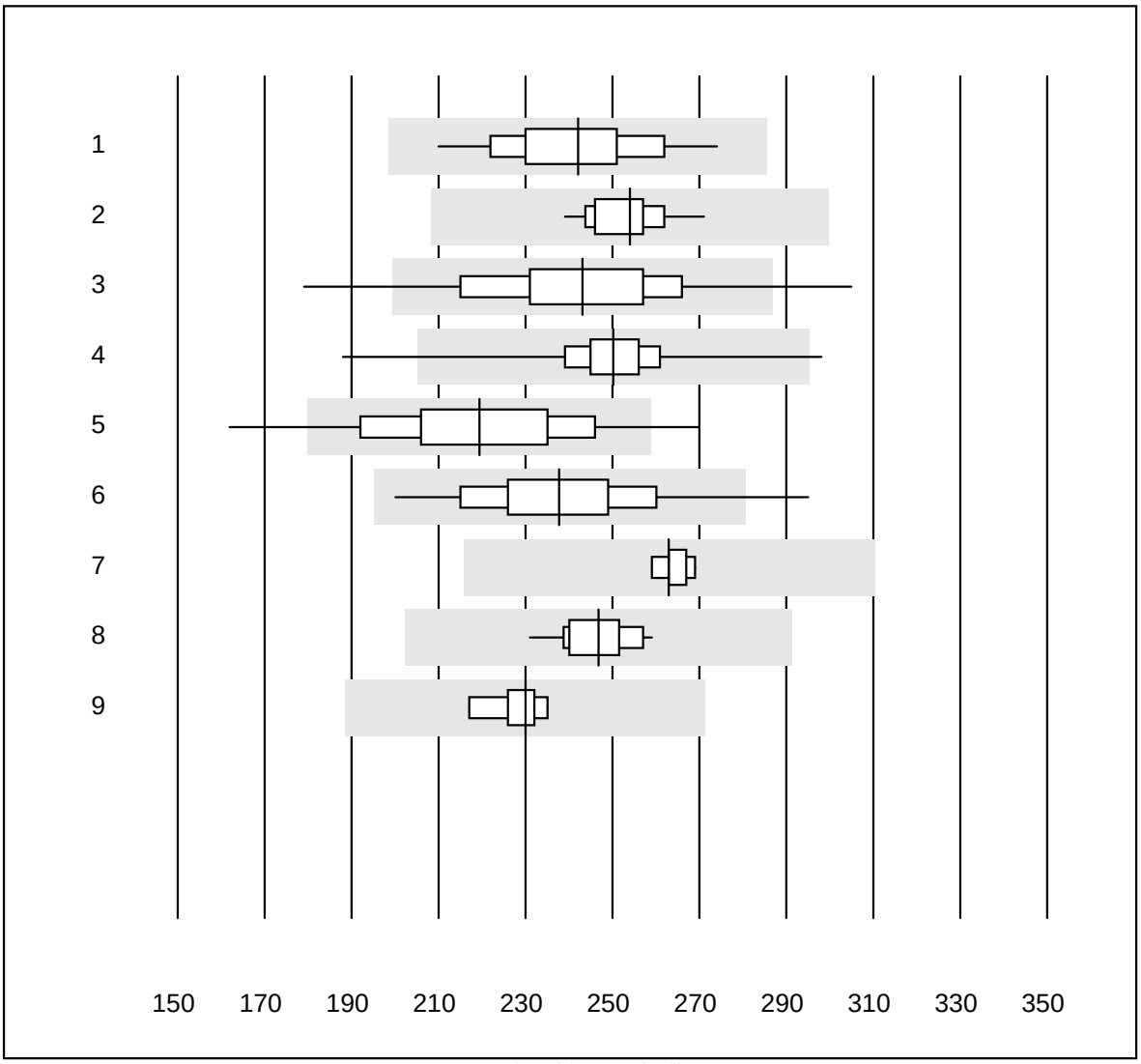
Cholesterin HDL



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Wet chemistry, direc	17	88.2	5.9	5.9	1.18	10.5	e*
2	Cobas	14	92.9	0.0	7.1	0.87	5.2	e
3	Reflotron	594	88.7	6.4	4.9	0.99	11.0	e
4	Fuji Dri-Chem	639	98.9	0.2	0.9	1.23	4.1	e
5	Spotchem/Ready	131	93.1	3.8	3.1	0.84	10.4	e
6	Spotchem D-Concept	129	98.4	1.6	0.0	0.90	8.8	e
7	Piccolo	22	100.0	0.0	0.0	1.06	4.2	e
8	Cholestech LDX	192	97.9	0.5	1.6	1.16	7.5	e
9	Abx Mira	18	100.0	0.0	0.0	1.20	6.2	e
10	Hitachi S40/M40	11	100.0	0.0	0.0	1.28	6.6	e

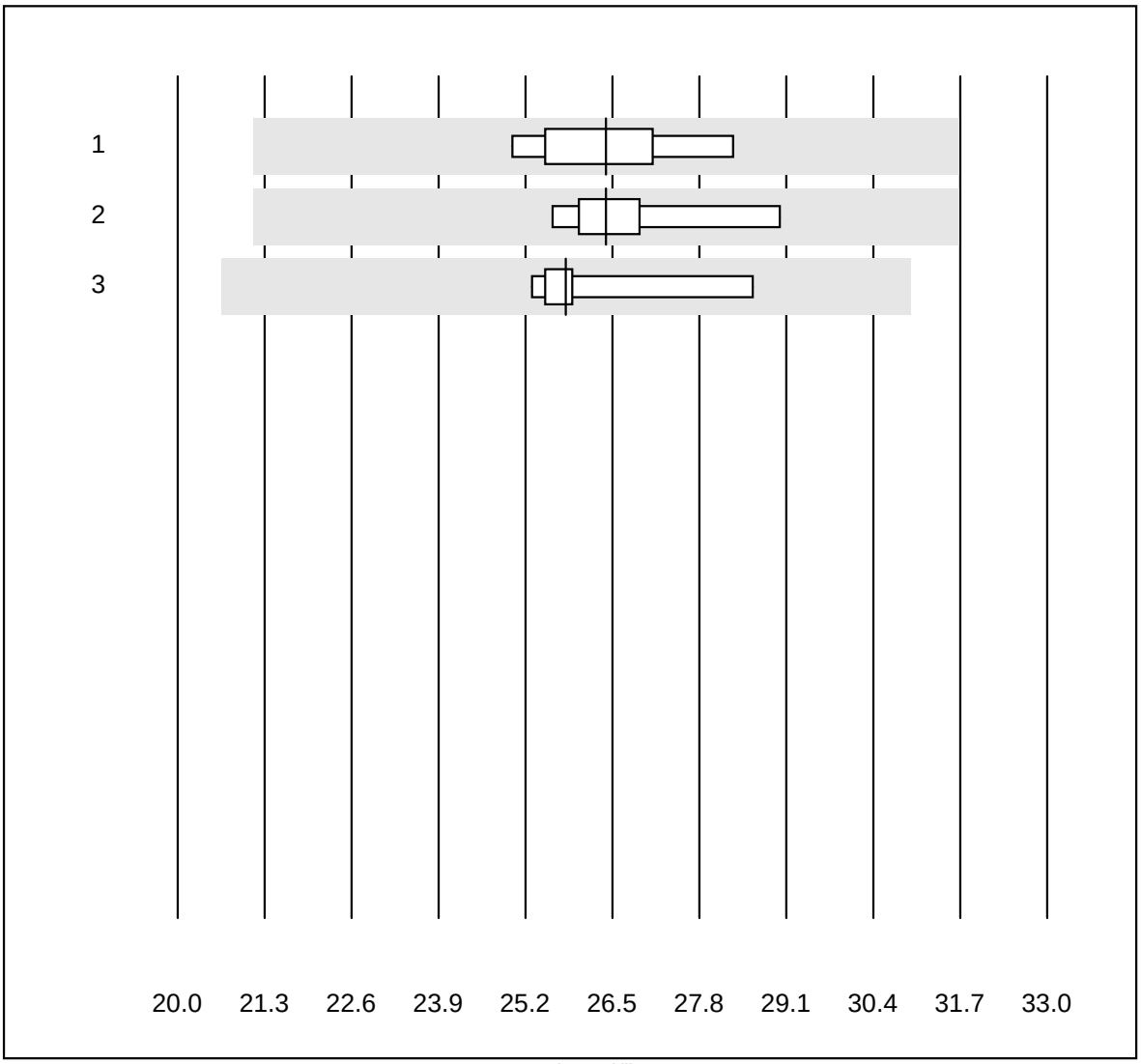
Creatine kinase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC/SGKC 37'C	19	100.0	0.0	0.0	242	6.0	e
2	Cobas	16	100.0	0.0	0.0	254	3.1	e
3	Reflotron	415	93.8	4.8	1.4	243	8.5	e
4	Fuji Dri-Chem	423	97.9	0.9	1.2	250	4.1	e
5	Spotchem/Ready	54	88.8	5.6	5.6	219	9.4	e
6	Spotchem D-Concept	78	97.4	1.3	1.3	238	8.1	e
7	Piccolo	9	88.9	0.0	11.1	263	1.3	e
8	Abx Mira	14	100.0	0.0	0.0	247	3.1	e
9	Hitachi S40/M40	8	87.5	0.0	12.5	230	2.5	e

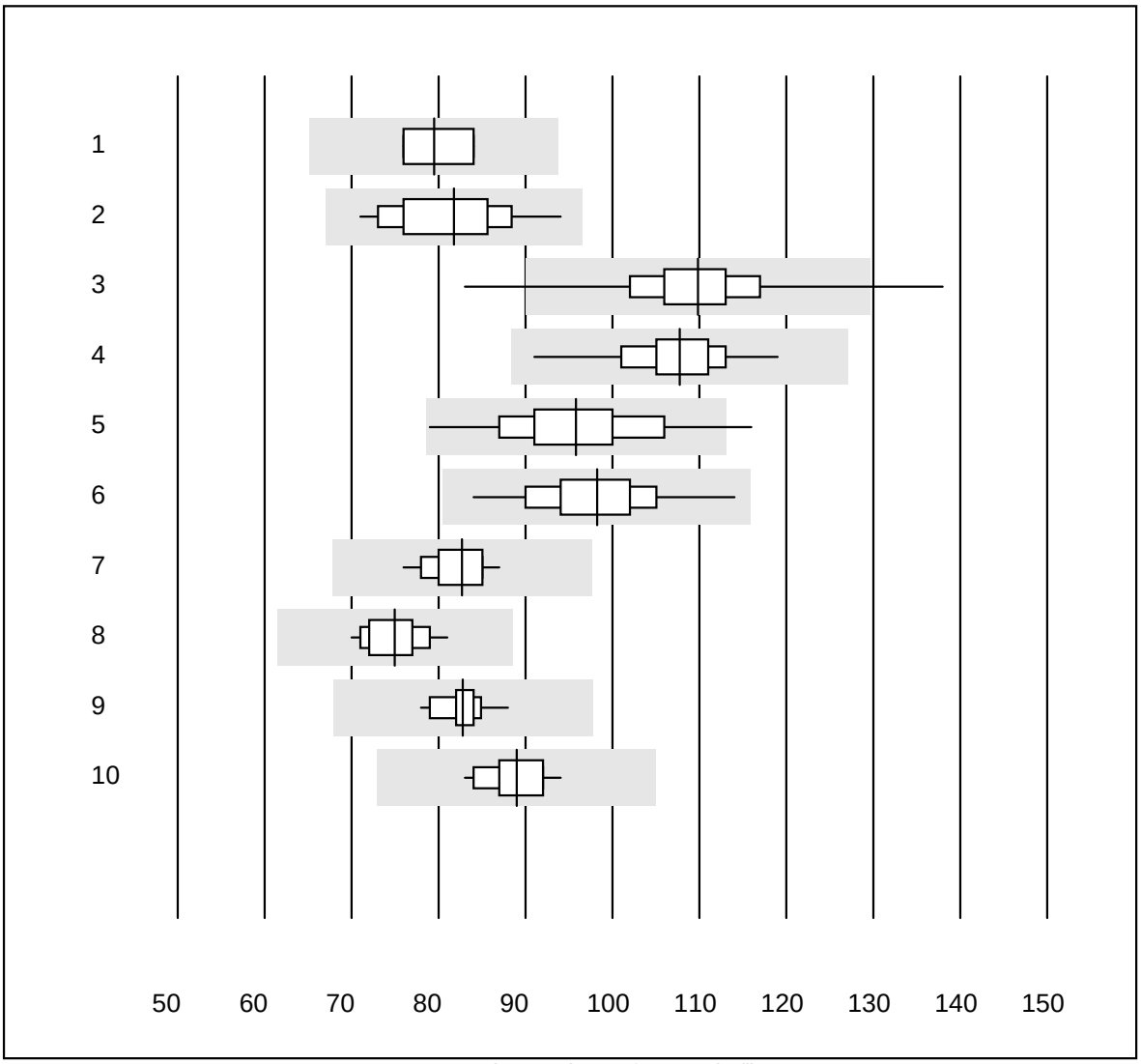
Iron



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	8	87.5	0.0	12.5	26	4.1	e
2	Cobas	9	100.0	0.0	0.0	26	3.8	e
3	Abx Mira	5	100.0	0.0	0.0	26	5.2	e

Gamma-glutamyltransferase

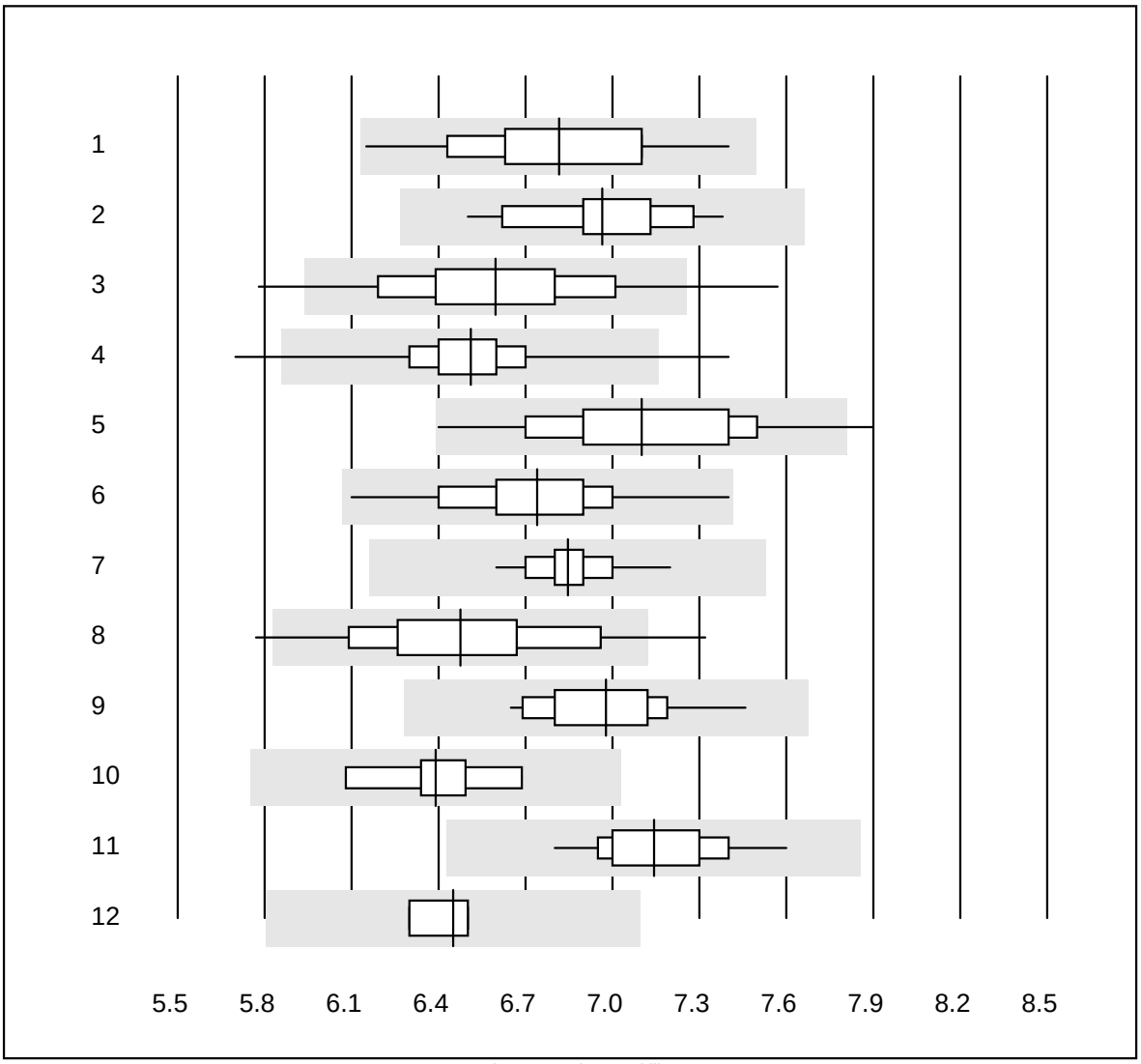


QUALAB tolerance : 18 %

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	80	4.6	e
2	Cobas	17	100.0	0.0	0.0	82	7.7	e
3	Reflotron	889	97.9	0.8	1.3	110	5.6	e
4	Fuji Dri-Chem	716	99.7	0.0	0.3	108	4.4	e
5	Spotchem/Ready	148	97.2	1.4	1.4	96	7.5	e
6	Spotchem D-Concept	142	99.3	0.0	0.7	98	6.1	e
7	DGKC 37'C	11	100.0	0.0	0.0	83	4.2	e
8	Piccolo	28	96.4	0.0	3.6	75	4.0	e
9	Abx Mira	20	100.0	0.0	0.0	83	2.6	e
10	Hitachi S40/M40	14	100.0	0.0	0.0	89	3.7	e

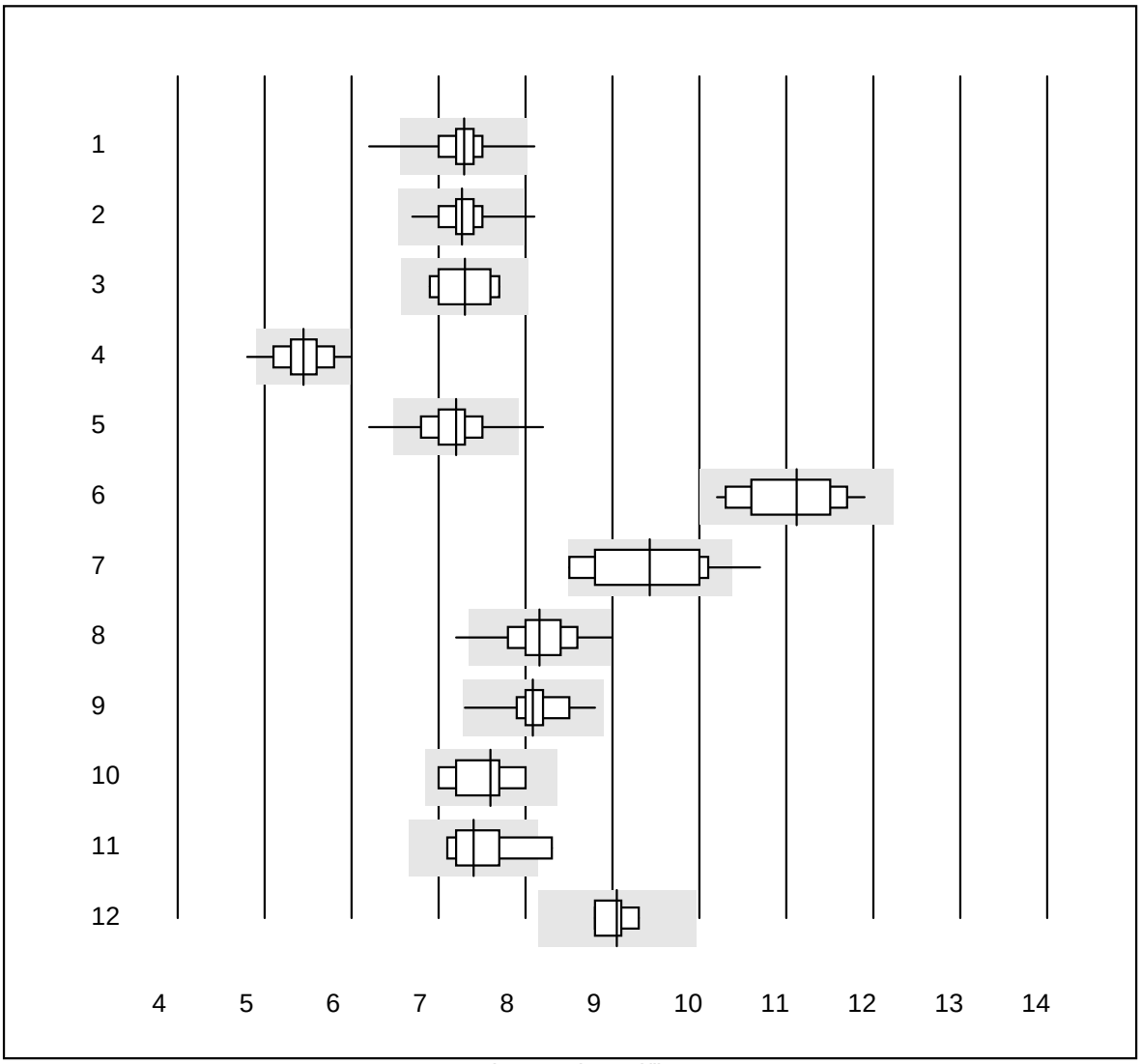
Glucose



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	25	100.0	0.0	0.0	6.8	4.4	e
2	Cobas	17	100.0	0.0	0.0	7.0	3.2	e
3	Reflotron	908	94.3	3.7	2.0	6.6	4.8	e
4	Fuji Dri-Chem	677	99.5	0.4	0.1	6.5	2.3	e
5	Spotchem/Ready	134	98.5	1.5	0.0	7.1	4.4	e
6	Spotchem D-Concept	132	100.0	0.0	0.0	6.7	3.9	e
7	Piccolo	33	93.9	0.0	6.1	6.8	1.9	e
8	Cholestech LDX	154	94.2	5.2	0.6	6.5	5.0	e
9	Abx Mira	20	100.0	0.0	0.0	7.0	3.0	e
10	Lange	6	83.3	0.0	16.7	6.4	3.5	e*
11	Hitachi S40/M40	15	100.0	0.0	0.0	7.1	2.8	e
12	iStat Chem8	4	100.0	0.0	0.0	6.5	1.5	e

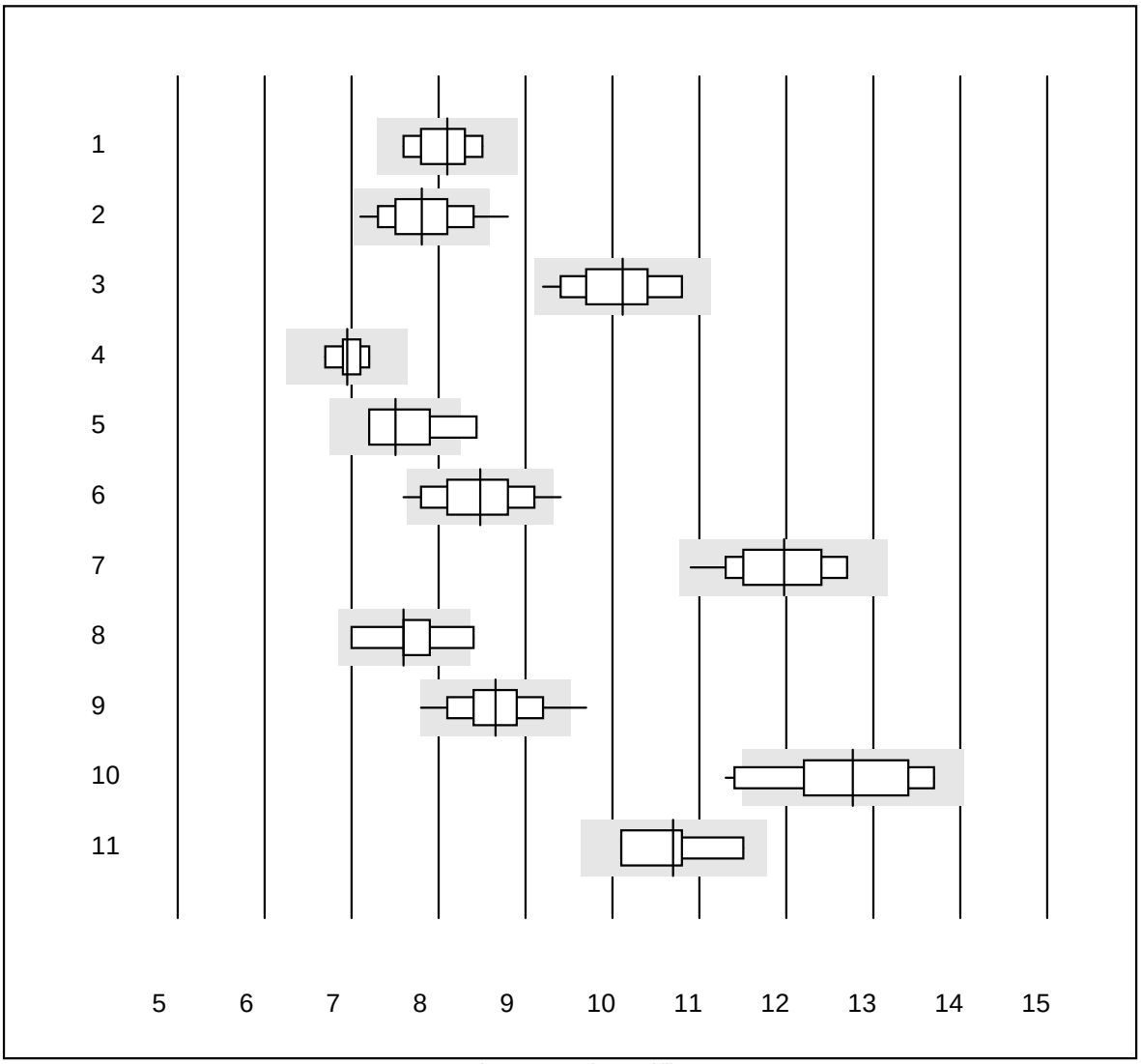
Glucose



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Accu-Chek Aviva	371	98.7	0.8	0.5	7.3	3.0	e
2	Accu-Chek Inform 2	232	99.6	0.4	0.0	7.3	2.7	e
3	Accu-Chek Mobile	5	100.0	0.0	0.0	7.3	4.8	e*
4	Bayer Contour 2 (5s)	61	90.1	6.6	3.3	5.4	4.8	e
5	Bayer Contour XT/NEX	1212	98.3	0.9	0.8	7.2	3.8	e
6	Bayer Breeze 2	17	88.2	0.0	11.8	11.1	4.6	e
7	Glucocard	11	81.8	9.1	9.1	9.4	7.4	e*
8	Hemocue 201+ P-equiv	83	91.6	2.4	6.0	8.2	4.1	e
9	Hemocue 201RT P-equi	33	100.0	0.0	0.0	8.1	3.6	e
10	FreeStyle Precision	5	100.0	0.0	0.0	7.6	5.3	e*
11	Freestyle Freedom li	9	88.9	11.1	0.0	7.4	5.4	e*
12	Sanofi BG Star	6	66.7	0.0	33.3	9.1	2.3	e

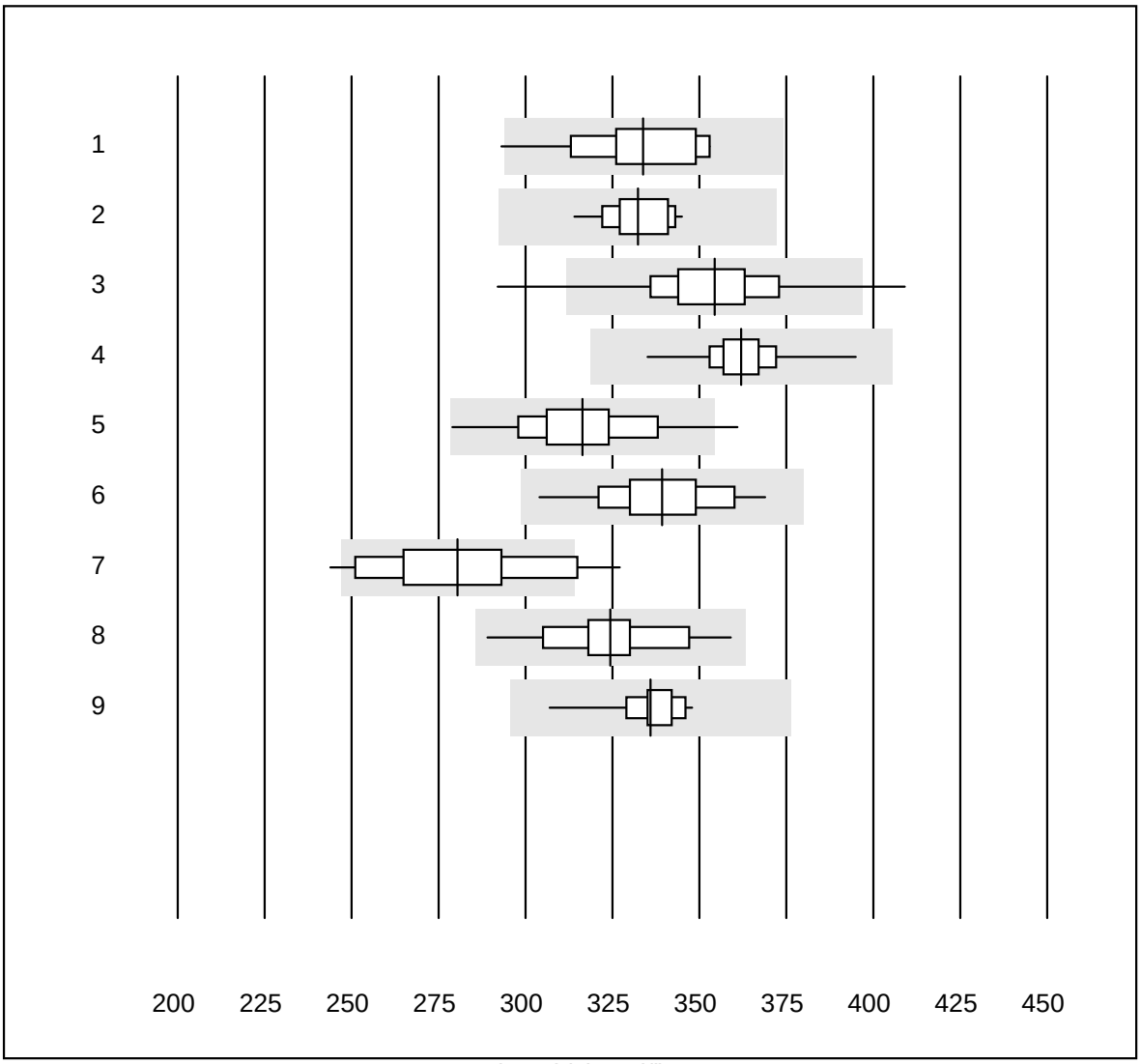
Glucose B



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Bayer Elite	9	88.9	0.0	11.1	8.1	3.8	e*
2	Hemocue 201+ (alt)	57	91.2	5.3	3.5	7.8	5.4	e
3	OneTouch Ultra	28	100.0	0.0	0.0	10.1	4.5	e
4	OneTouch Verio	6	100.0	0.0	0.0	7.0	2.5	e
5	AccuChek Compact	4	75.0	25.0	0.0	7.5	6.9	e*
6	Bayer Contour (15s)	46	87.0	6.5	6.5	8.5	5.4	e
7	Healthpro	14	100.0	0.0	0.0	12.0	4.5	e
8	Mylife UNIO	5	80.0	20.0	0.0	7.6	6.6	e*
9	mylife Pura	57	96.5	3.5	0.0	8.7	5.0	e
10	Omnitest	16	81.2	12.5	6.3	12.8	5.9	e*
11	Alpha Check	4	100.0	0.0	0.0	10.7	5.4	e*

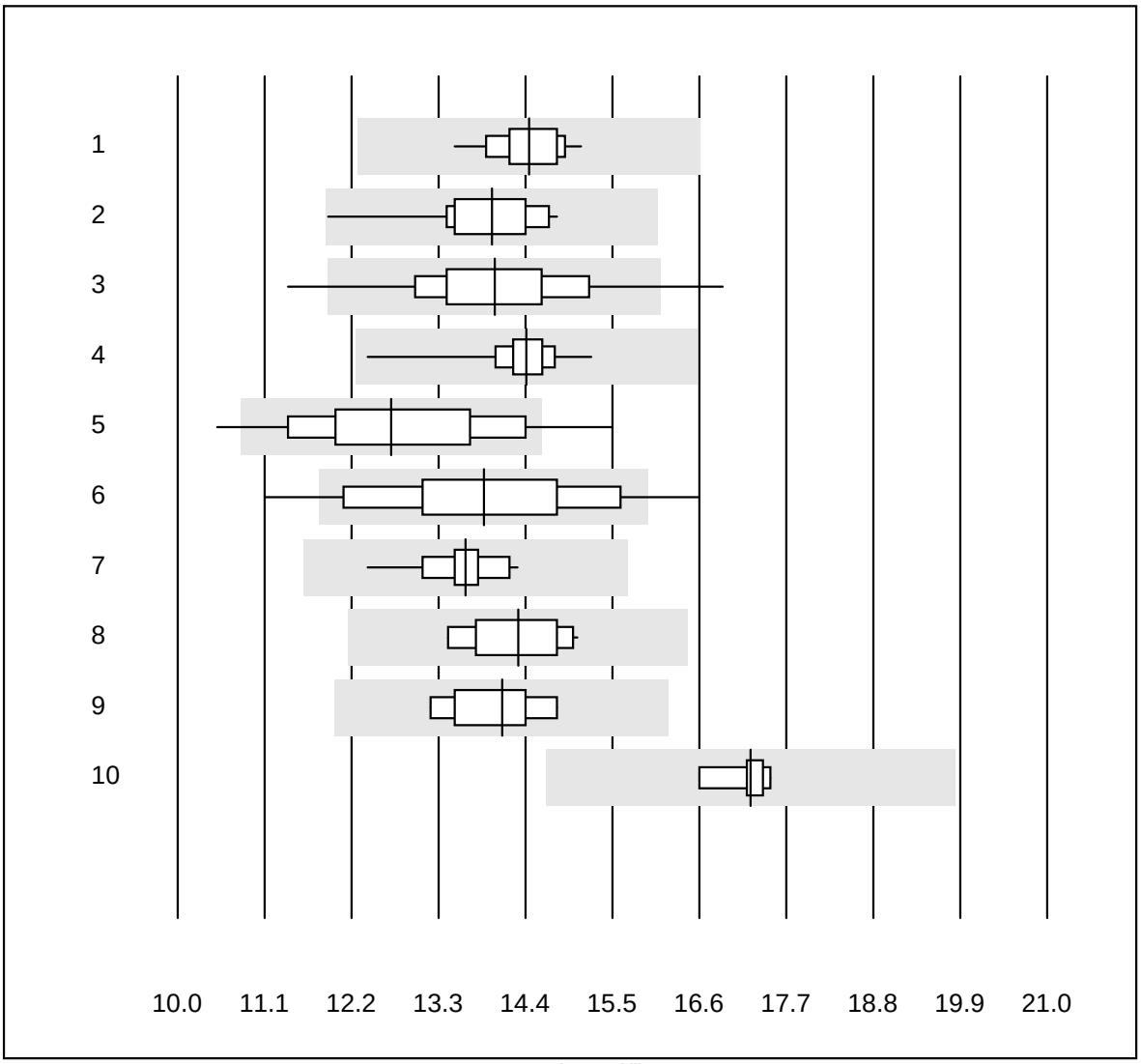
Uric Acid



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	19	89.4	5.3	5.3	334	4.7	e
2	Cobas	12	100.0	0.0	0.0	332	2.8	e
3	Reflotron	788	98.1	0.8	1.1	354	4.2	e
4	Fuji Dri-Chem	676	99.7	0.0	0.3	362	2.1	e
5	Spotchem/Ready	121	99.2	0.8	0.0	316	4.9	e
6	Spotchem D-Concept	127	100.0	0.0	0.0	339	4.2	e
7	Piccolo	23	78.3	17.4	4.3	280	8.5	e*
8	Abx Mira	18	100.0	0.0	0.0	324	5.0	e
9	Hitachi S40/M40	13	100.0	0.0	0.0	336	3.0	e

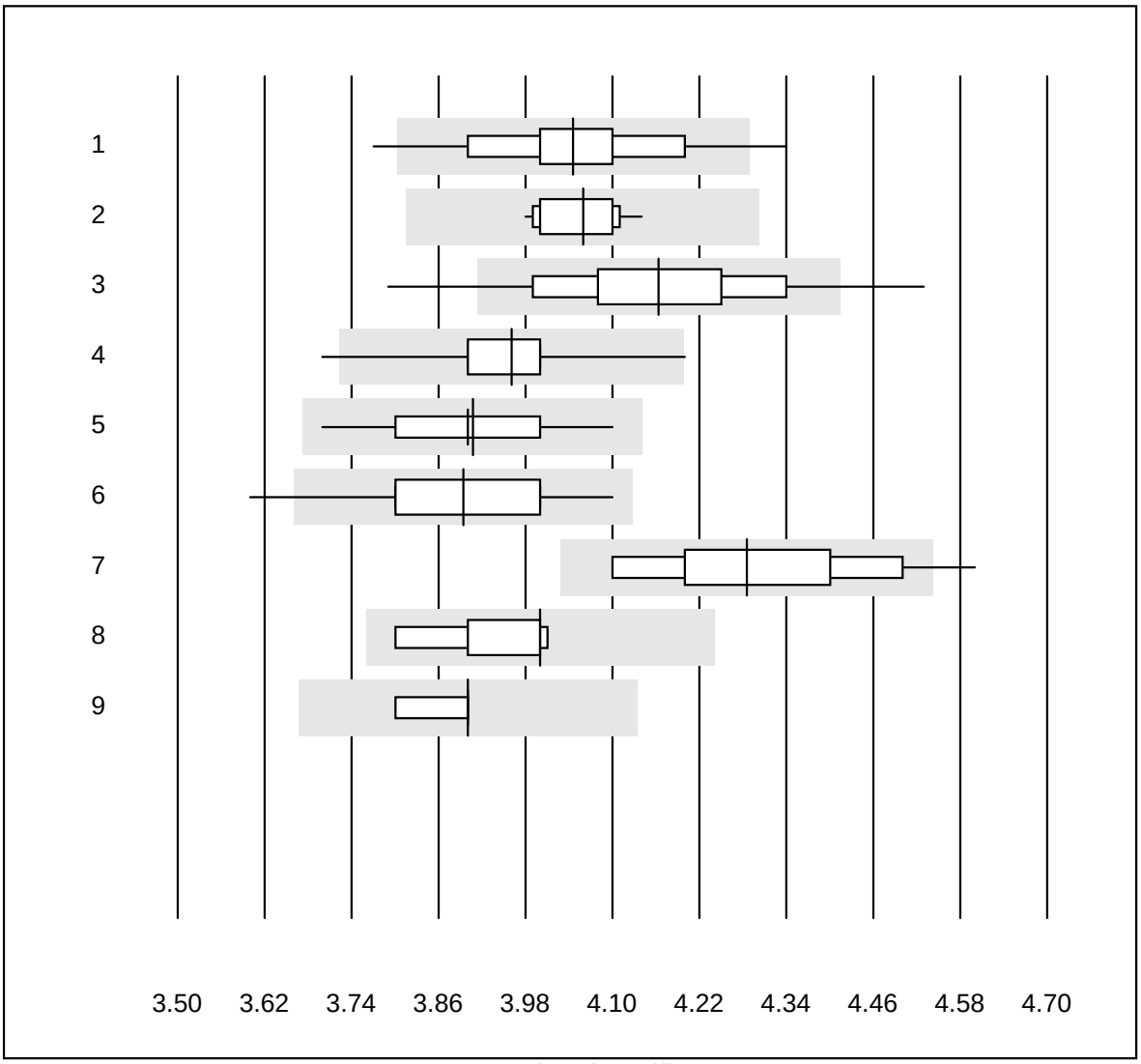
Urea



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	17	94.1	0.0	5.9	14.4	3.0	e
2	Cobas	16	100.0	0.0	0.0	14.0	5.1	e
3	Reflotron	345	96.0	2.3	1.7	14.0	6.4	e
4	Fuji Dri-Chem	421	99.8	0.0	0.2	14.4	2.2	e
5	Spotchem/Ready	83	88.0	9.6	2.4	12.7	9.3	e
6	Spotchem D-Concept	79	84.8	11.4	3.8	13.9	9.4	e
7	Piccolo	31	96.8	0.0	3.2	13.6	2.9	e
8	Abx Mira	10	100.0	0.0	0.0	14.3	4.1	e
9	Hitachi S40/M40	9	100.0	0.0	0.0	14.1	3.9	e
10	iStat Chem8	6	83.3	0.0	16.7	17.3	2.1	e

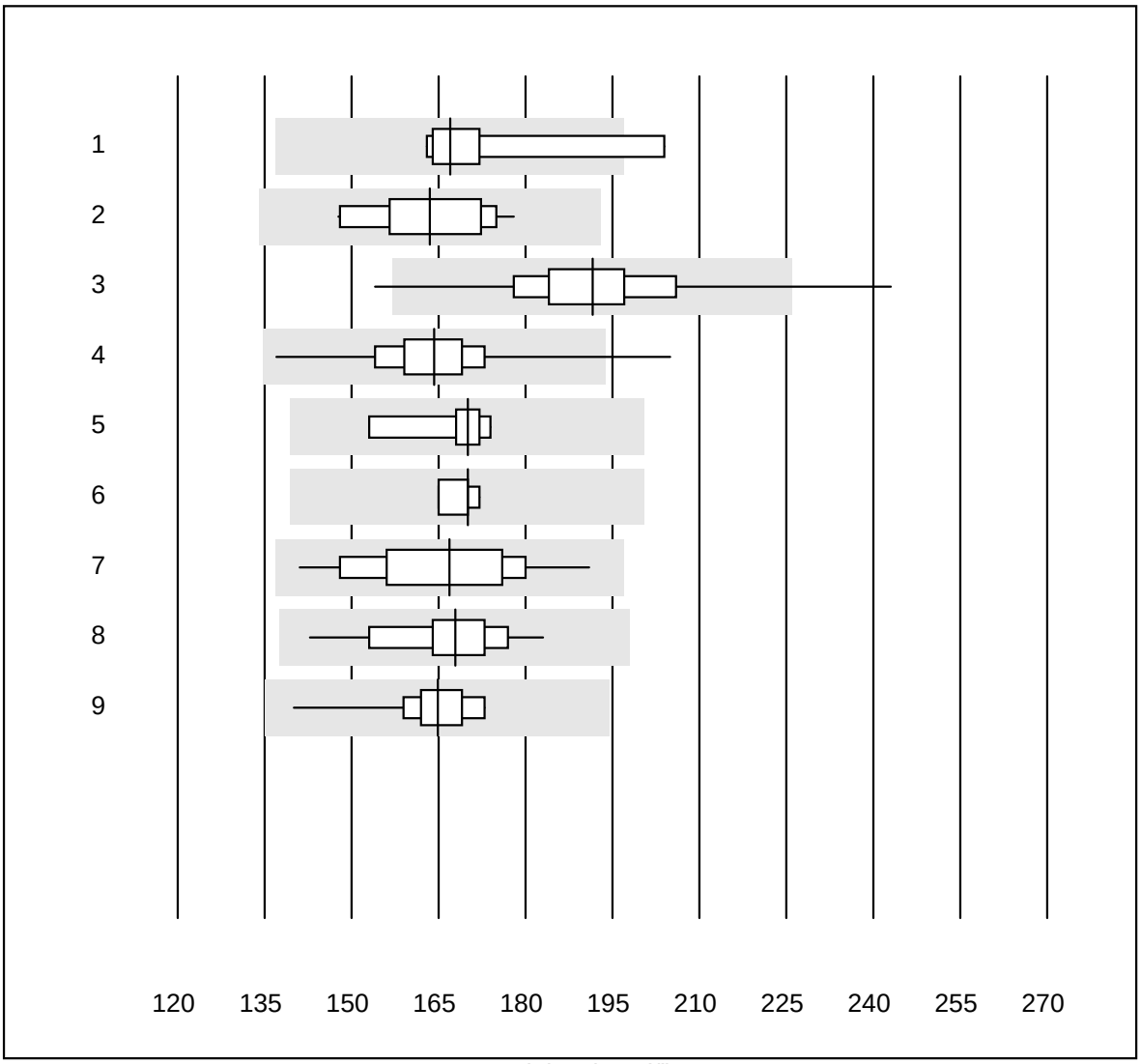
Potassium



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	27	92.6	7.4	0.0	4.05	2.8	e
2	Cobas	17	100.0	0.0	0.0	4.06	1.3	e
3	Reflotron	816	89.0	7.1	3.9	4.16	3.3	e
4	Fuji Dri-Chem	709	97.2	1.4	1.4	3.96	1.9	e
5	Spotchem D-Concept	128	100.0	0.0	0.0	3.91	1.7	e
6	Spotchem EL-SE 1520	117	93.1	2.6	4.3	3.89	2.4	e
7	Piccolo	18	72.2	5.6	22.2	4.29	3.8	e*
8	Abx Mira	5	100.0	0.0	0.0	4.00	2.3	e*
9	iStat Chem8	6	100.0	0.0	0.0	3.90	1.1	e

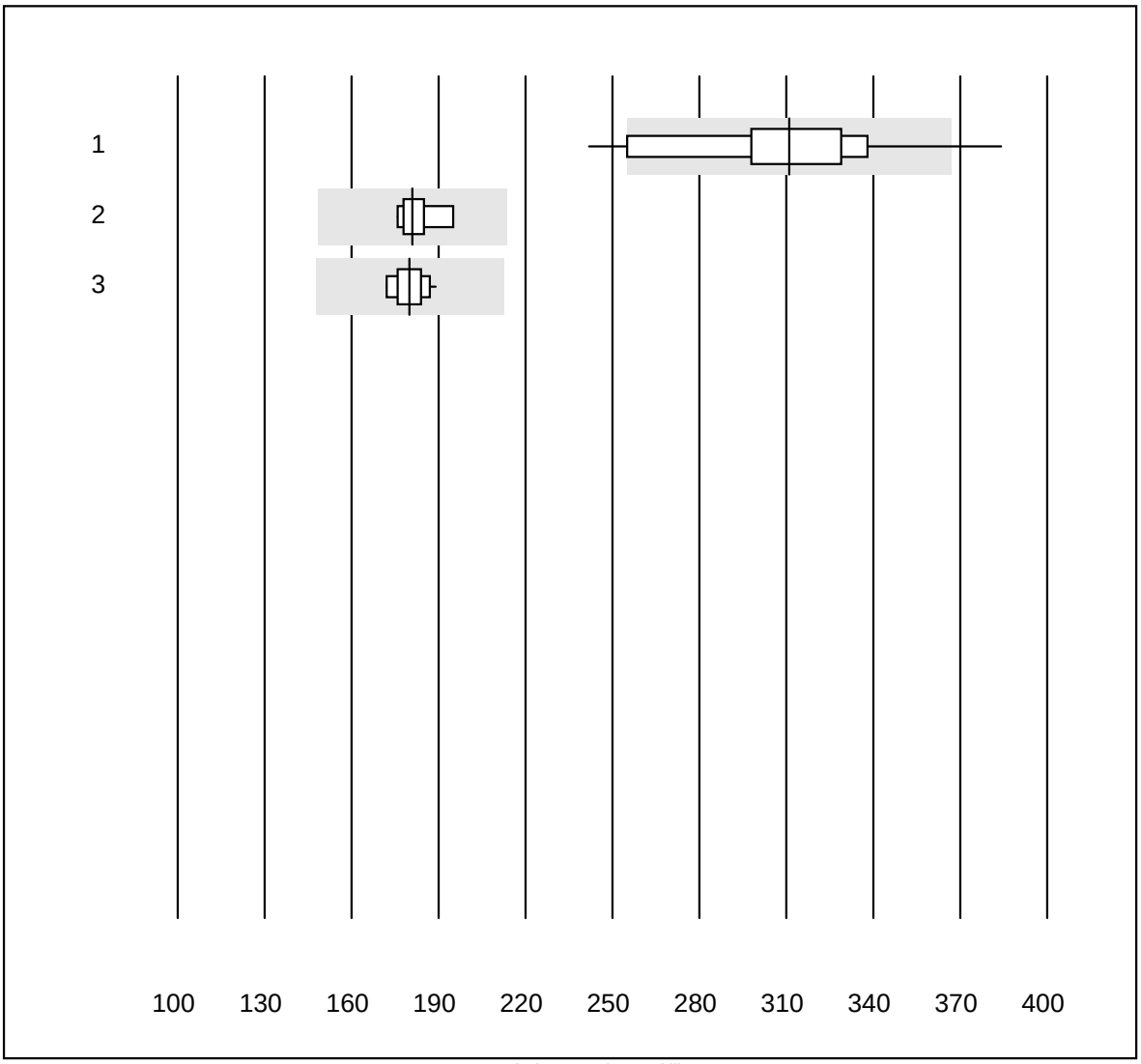
Creatinine



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	8	87.5	12.5	0.0	167	7.9	e*
2	Cobas	18	100.0	0.0	0.0	164	5.8	e
3	Reflotron	995	97.6	1.6	0.8	192	6.2	e
4	Fuji Dri-Chem	743	98.8	0.5	0.7	164	5.1	e
5	Jaffé	9	100.0	0.0	0.0	170	3.6	e
6	Enzymatic	4	100.0	0.0	0.0	170	1.8	e
7	Piccolo	31	96.8	0.0	3.2	167	7.8	e
8	Abx Mira	20	100.0	0.0	0.0	168	5.3	e
9	Hitachi S40/M40	14	100.0	0.0	0.0	165	5.1	e

Creatinine E

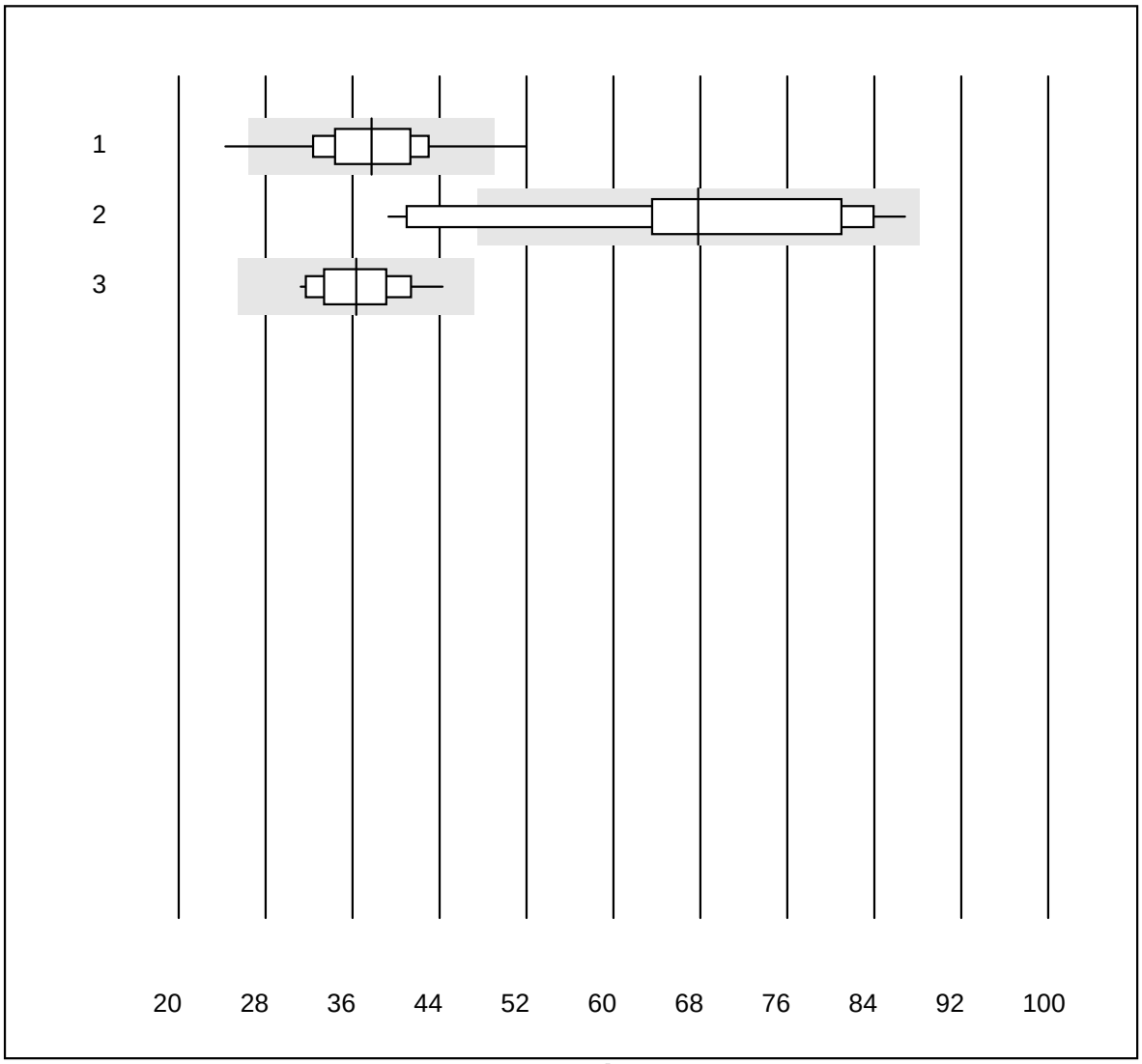


QUALAB tolerance : 18 %

Creatinine E (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Statsensor i / Nova	26	84.6	15.4	0.0	311	9.8	e
2	iStat Chem8	8	100.0	0.0	0.0	181	3.2	e
3	ABL700/800 Radiomete	10	100.0	0.0	0.0	180	3.1	e

eGFR

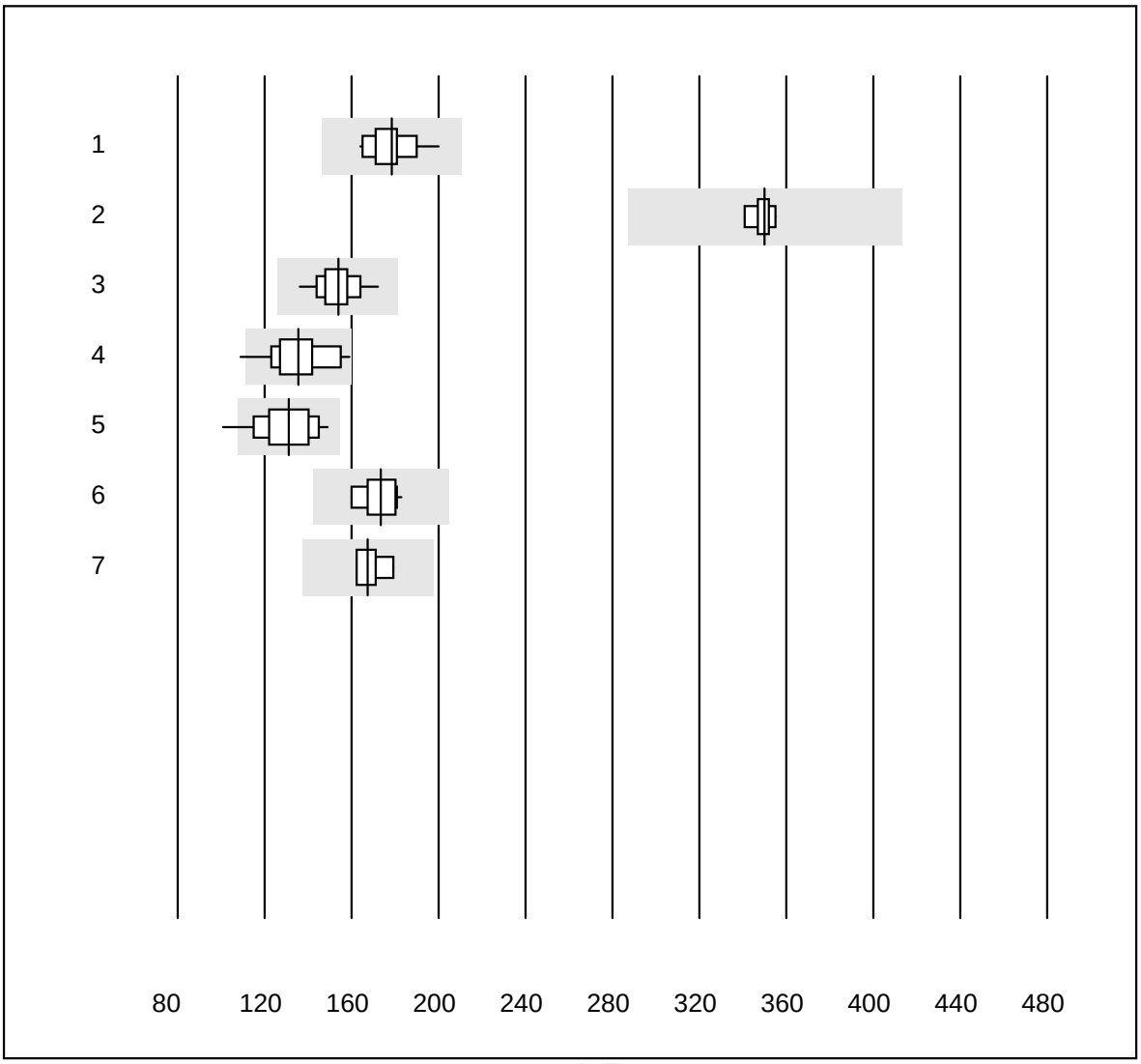


QUALAB tolerance : 30 %

eGFR ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CKD-EPI	733	93.1	1.0	5.9	38	11.7	e
2	Cockcroft-Gault	56	75.0	14.3	10.7	68	21.2	e
3	MDRD	21	90.5	0.0	9.5	36	10.2	e

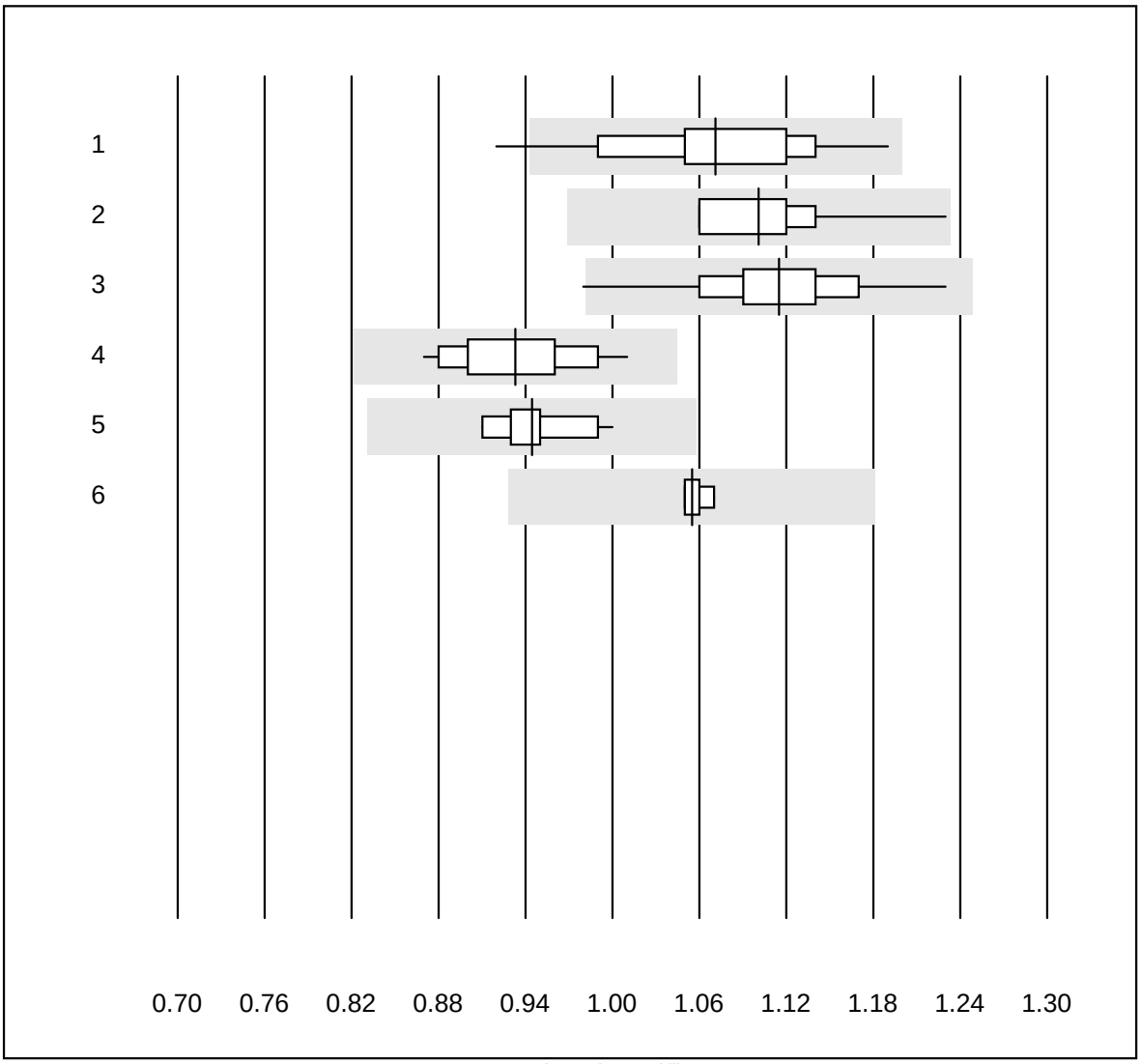
LDH



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC	20	100.0	0.0	0.0	178	5.4	e
2	Cobas	9	100.0	0.0	0.0	350	1.2	e
3	Fuji Dri-Chem	140	99.3	0.0	0.7	154	4.7	e
4	Spotchem/Ready	38	92.1	2.6	5.3	136	8.6	e
5	Spotchem D-Concept	35	94.2	2.9	2.9	131	9.1	e
6	Abx Mira	11	90.9	0.0	9.1	173	4.4	e
7	Hitachi S40/M40	4	100.0	0.0	0.0	168	4.5	e*

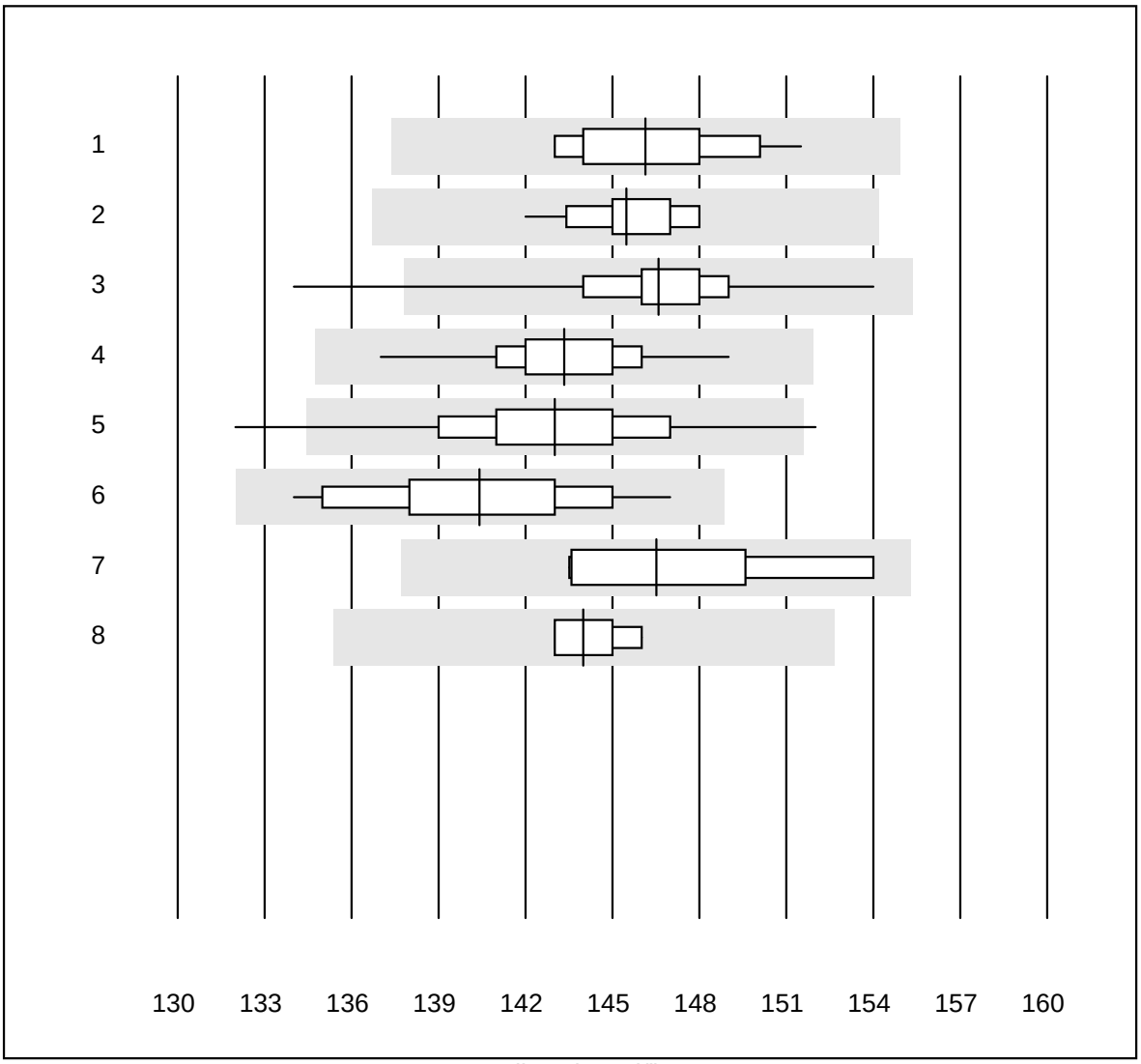
Magnesium



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	15	93.3	6.7	0.0	1.07	6.1	e*
2	Cobas	11	100.0	0.0	0.0	1.10	4.6	e
3	Fuji Dri-Chem	111	98.2	1.8	0.0	1.11	4.2	e
4	Spotchem D-Concept	24	100.0	0.0	0.0	0.93	4.5	e
5	Spotchem/Ready	17	100.0	0.0	0.0	0.94	2.7	e
6	Piccolo	4	100.0	0.0	0.0	1.06	0.9	e

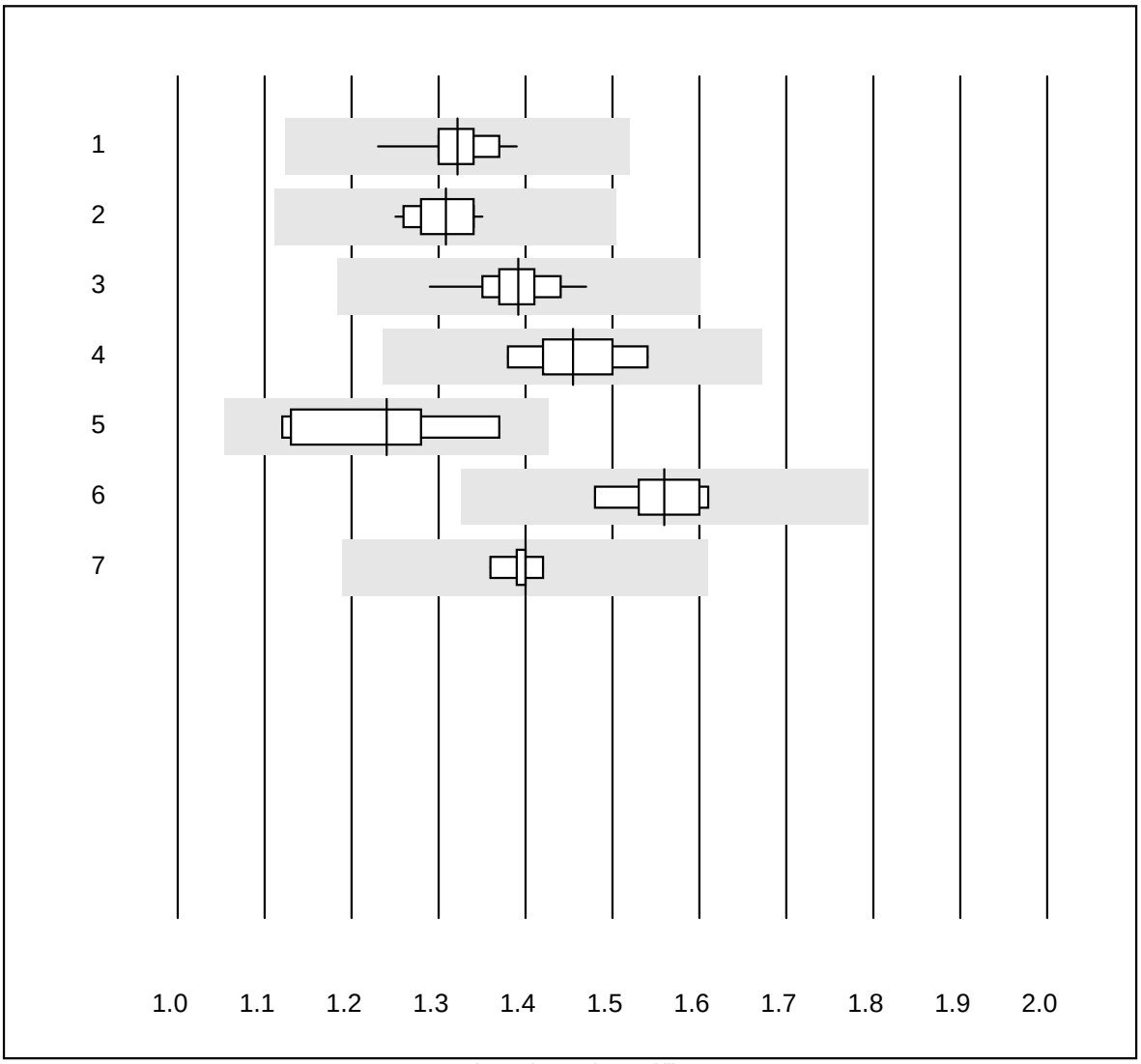
Sodium



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	26	100.0	0.0	0.0	146	1.7	e
2	Cobas	16	100.0	0.0	0.0	145	1.1	e
3	Fuji Dri-Chem	655	98.6	0.8	0.6	147	1.5	e
4	Spotchem D-Concept	123	100.0	0.0	0.0	143	1.3	e
5	Spotchem EL-SE 1520	117	95.7	2.6	1.7	143	2.2	e
6	Piccolo	19	100.0	0.0	0.0	140	2.5	e
7	Abx Mira	6	100.0	0.0	0.0	147	2.8	e*
8	iStat Chem8	6	100.0	0.0	0.0	144	0.8	e

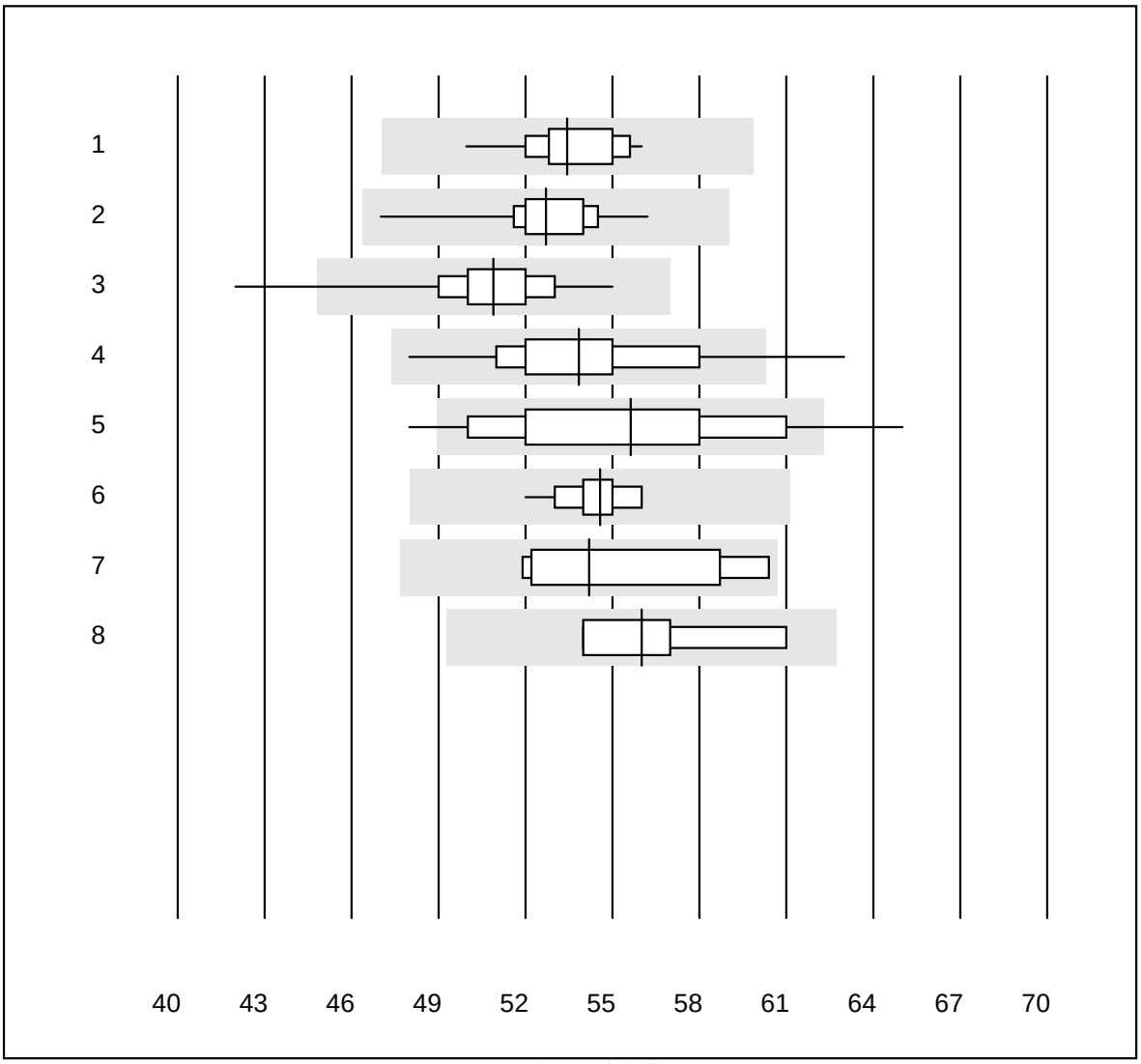
Phosphate



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	12	100.0	0.0	0.0	1.3	3.1	e
2	Cobas	11	100.0	0.0	0.0	1.3	2.5	e
3	Fuji Dri-Chem	73	100.0	0.0	0.0	1.4	2.6	e
4	Spotchem D-Concept	15	100.0	0.0	0.0	1.5	3.7	e
5	Spotchem/Ready	7	100.0	0.0	0.0	1.2	7.2	e*
6	Piccolo	5	100.0	0.0	0.0	1.6	3.4	e
7	Abx Mira	5	100.0	0.0	0.0	1.4	1.6	e

Protein total

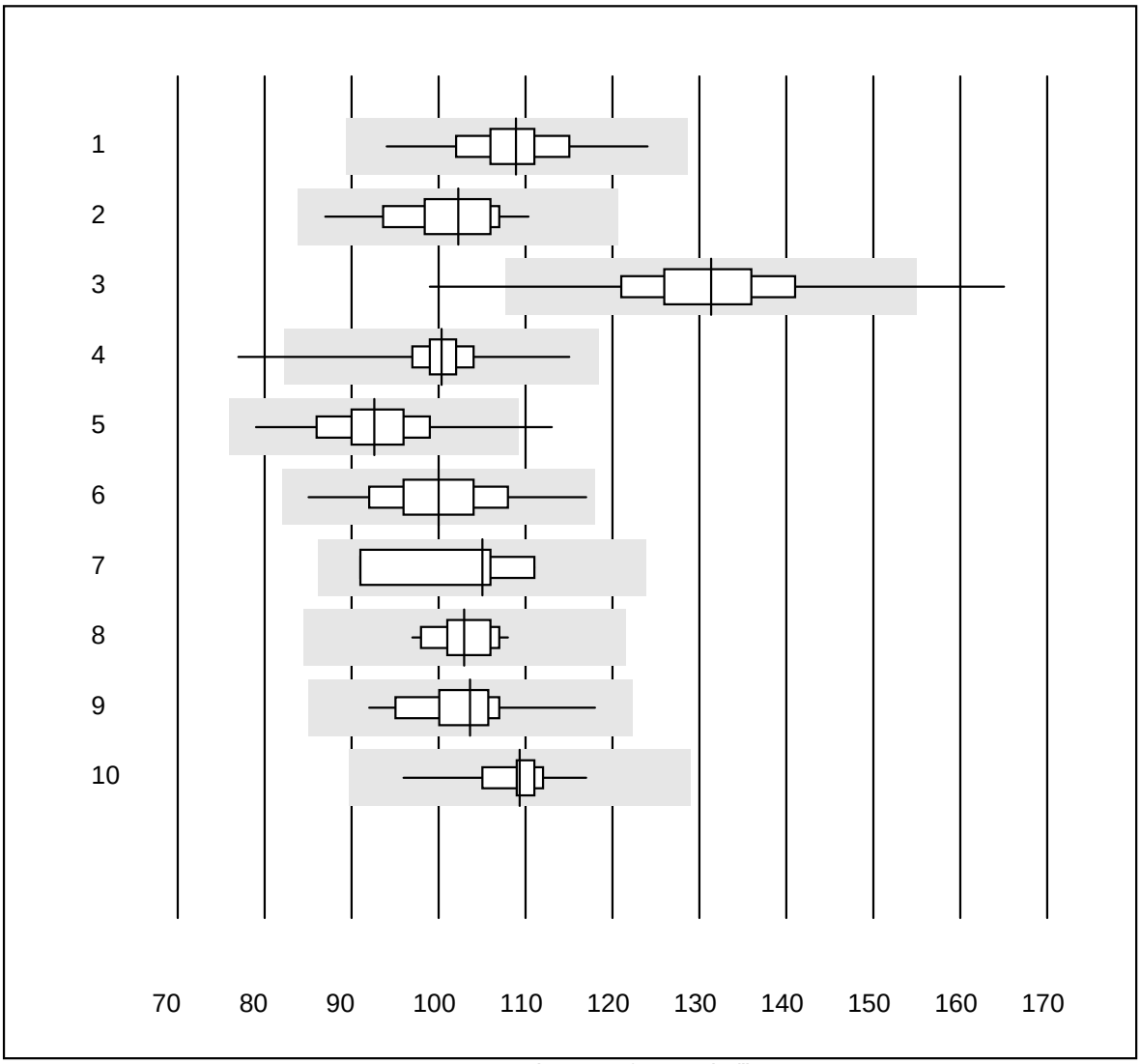


QUALAB tolerance : 12 %

Protein total (g/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	17	100.0	0.0	0.0	53.4	3.0	e
2	Cobas	12	100.0	0.0	0.0	52.7	4.2	e
3	Fuji Dri-Chem	183	97.3	1.1	1.6	50.9	3.2	e
4	Spotchem/Ready	39	97.4	2.6	0.0	53.8	5.5	e
5	Spotchem D-Concept	62	88.7	8.1	3.2	55.6	7.4	e
6	Piccolo	22	95.5	0.0	4.5	54.6	2.0	e
7	Abx Mira	7	100.0	0.0	0.0	54.2	6.0	e*
8	Hitachi S40/M40	5	100.0	0.0	0.0	56.0	5.1	e*

Aspartate aminotransferase

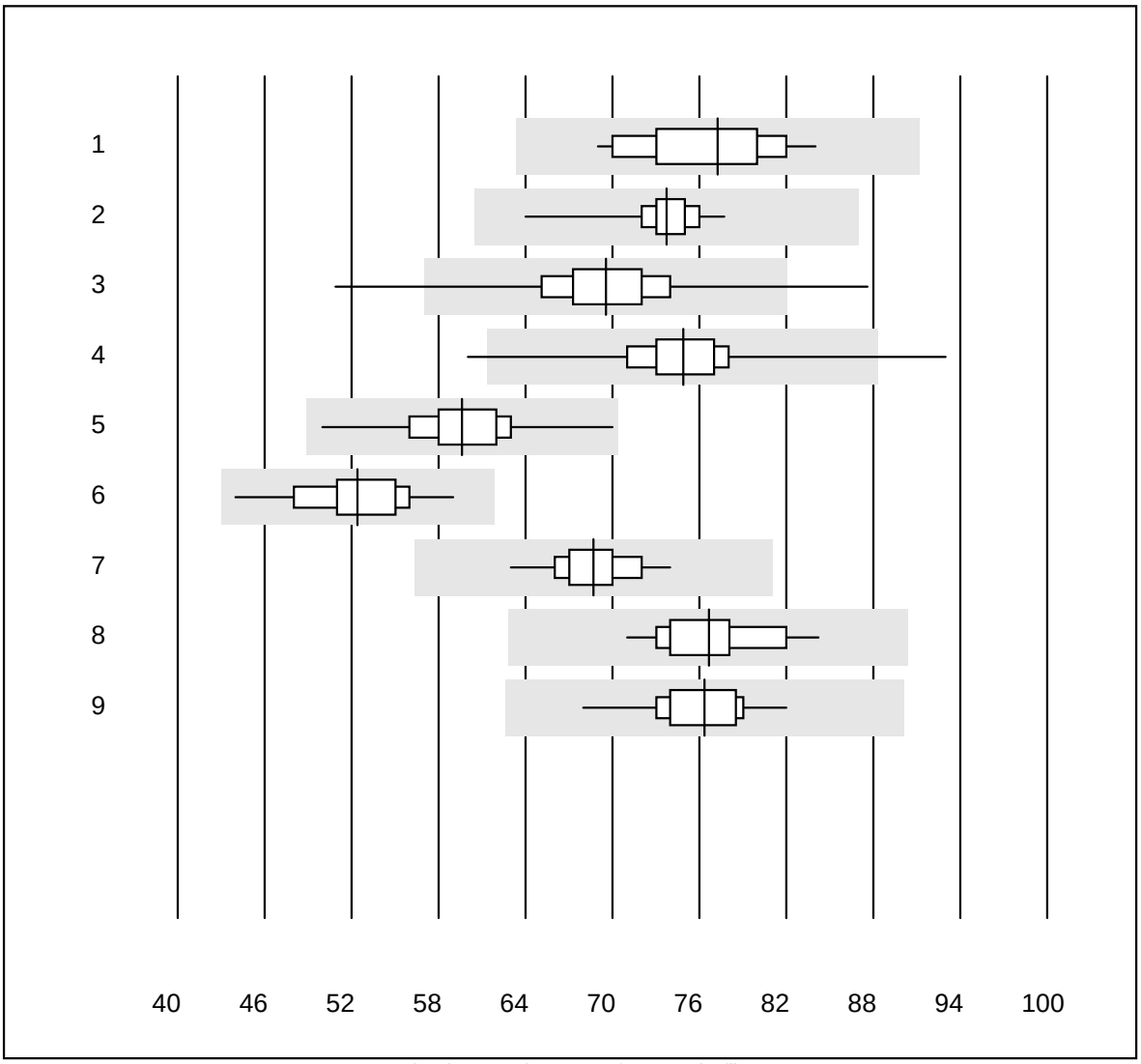


QUALAB tolerance : 18 %

Aspartate aminotransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC with Pyridox 37	16	100.0	0.0	0.0	109	5.8	e
2	Cobas	17	100.0	0.0	0.0	102	5.7	e
3	Reflotron	900	98.3	1.1	0.6	131	6.2	e
4	Fuji Dri-Chem	716	98.8	0.6	0.6	100	3.4	e
5	Spotchem/Ready	156	98.8	0.6	0.6	93	5.8	e
6	Spotchem D-Concept	136	99.3	0.0	0.7	100	6.0	e
7	IFCC with Pyridox 37	4	100.0	0.0	0.0	105	8.3	e*
8	Piccolo	30	96.7	0.0	3.3	103	3.0	e
9	Abx Mira	20	100.0	0.0	0.0	104	5.5	e
10	Hitachi S40/M40	16	93.7	0.0	6.3	109	4.1	e

Alanine aminotransferase

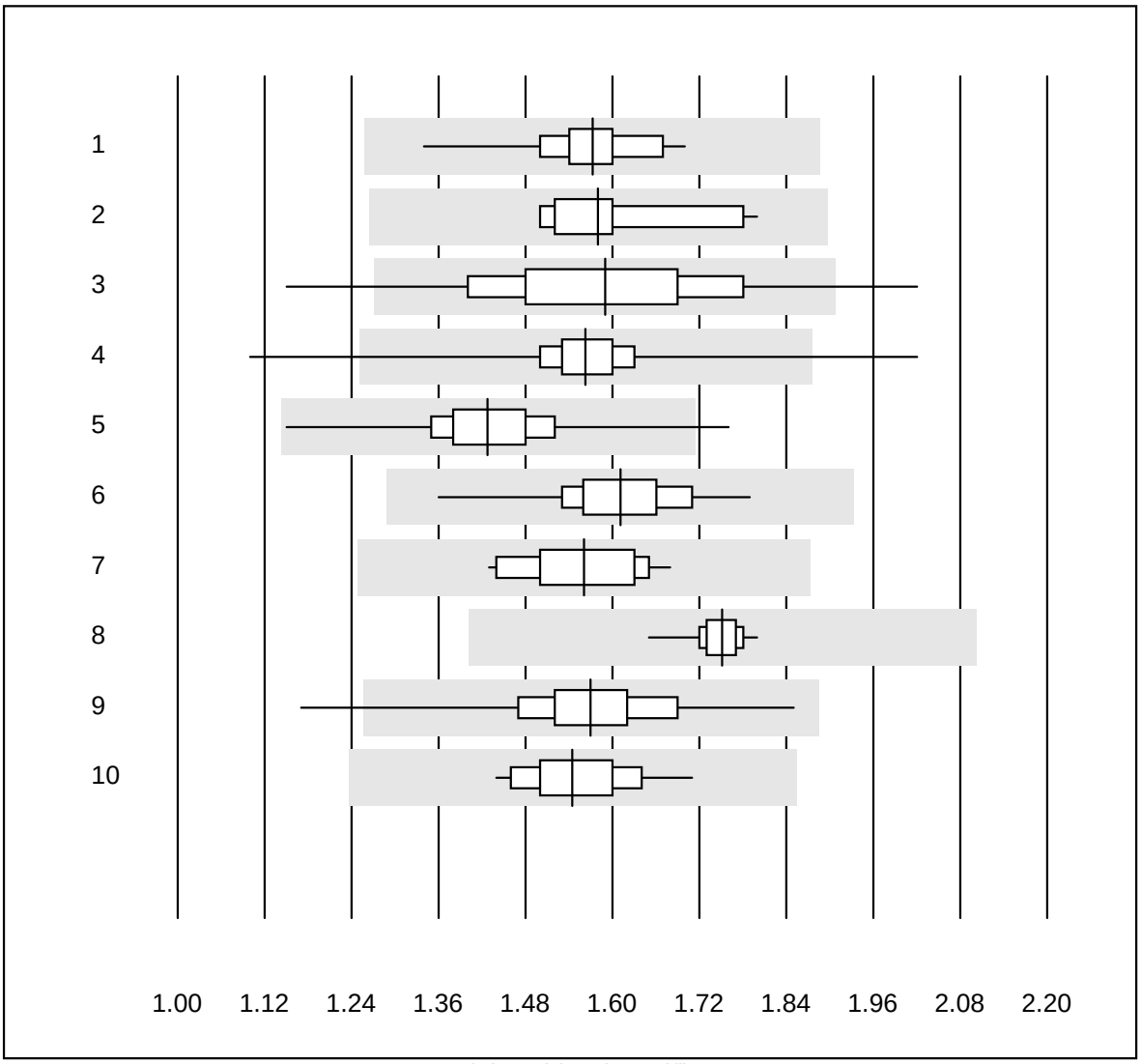


QUALAB tolerance : 18 %

Alanine aminotransferase (U/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	IFCC with Pyridox 37	17	94.1	0.0	5.9	77	5.7	e
2	Cobas	18	100.0	0.0	0.0	74	3.8	e
3	Reflotron	935	97.8	1.0	1.2	70	5.5	e
4	Fuji Dri-Chem	730	98.9	0.3	0.8	75	4.0	e
5	Spotchem/Ready	159	98.7	0.0	1.3	60	5.7	e
6	Spotchem D-Concept	141	99.3	0.0	0.7	52	5.8	e
7	Piccolo	31	96.8	0.0	3.2	69	3.4	e
8	Abx Mira	20	100.0	0.0	0.0	77	4.6	e
9	Hitachi S40/M40	15	100.0	0.0	0.0	76	4.3	e

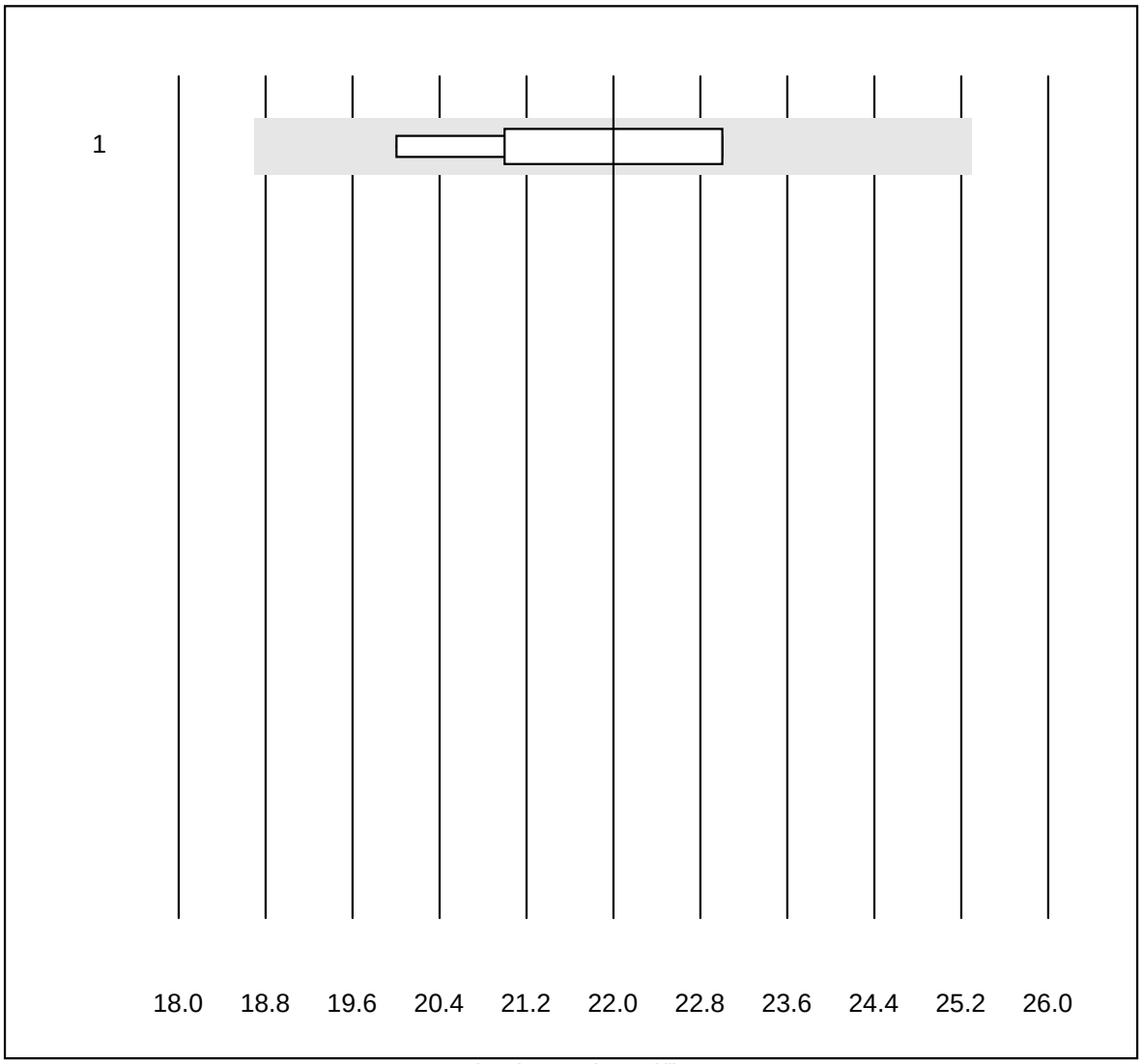
Triglycerides



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	21	100.0	0.0	0.0	1.57	5.2	e
2	Cobas	17	100.0	0.0	0.0	1.58	5.6	e
3	Reflotron	682	94.3	3.4	2.3	1.59	9.4	e
4	Fuji Dri-Chem	659	99.5	0.3	0.2	1.56	3.8	e
5	Spotchem/Ready	140	98.6	1.4	0.0	1.43	6.1	e
6	Spotchem D-Concept	127	100.0	0.0	0.0	1.61	4.5	e
7	Hitachi S40/M40	11	100.0	0.0	0.0	1.56	5.3	e
8	Piccolo	20	100.0	0.0	0.0	1.75	1.8	e
9	Cholestech LDX	192	99.5	0.5	0.0	1.57	6.0	e
10	Abx Mira	18	100.0	0.0	0.0	1.55	4.6	e

Bicarbonat

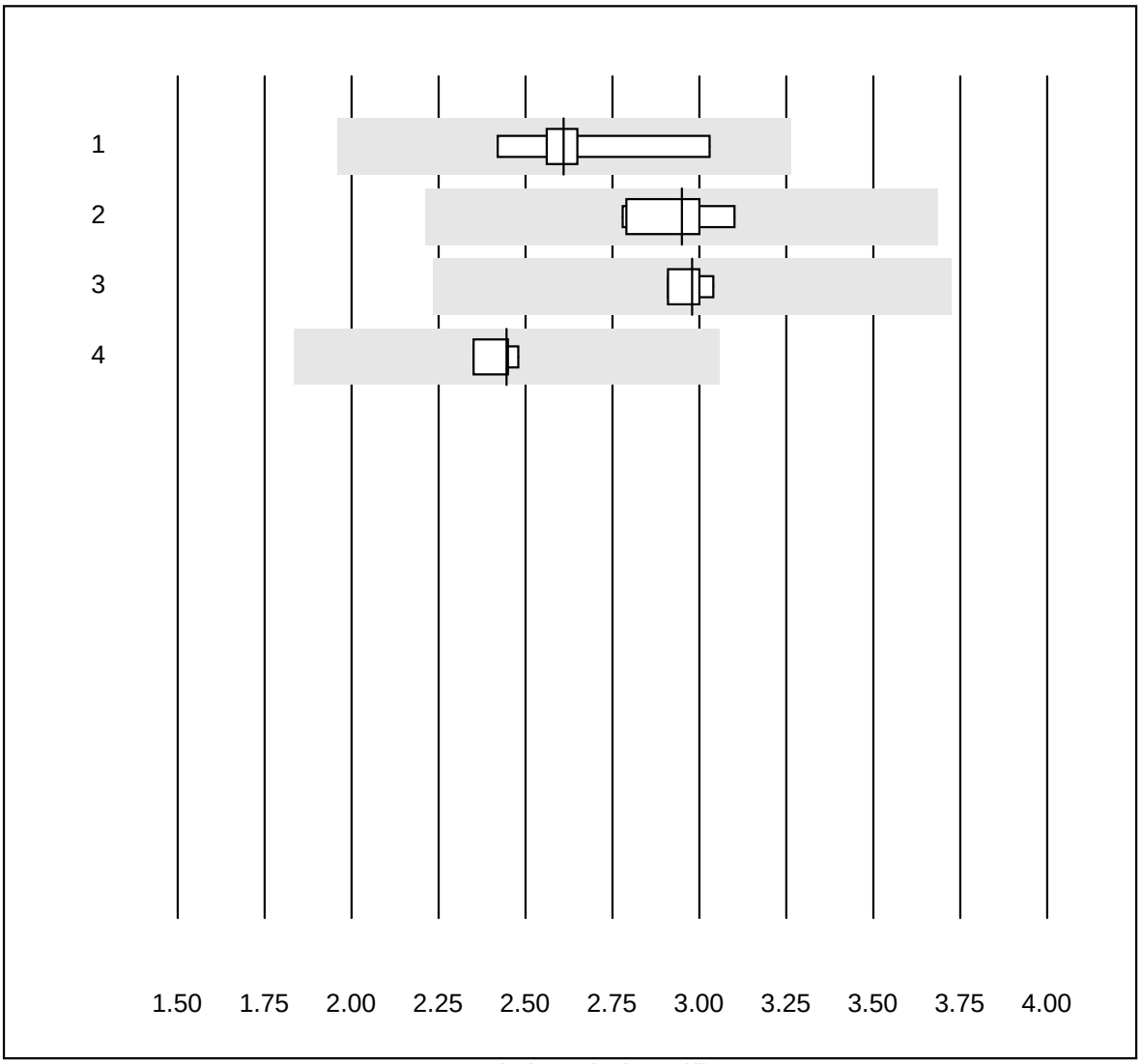


QUALAB tolerance : 15 %

Bicarbonat (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Piccolo	7	100.0	0.0	0.0	22	5.6	e*

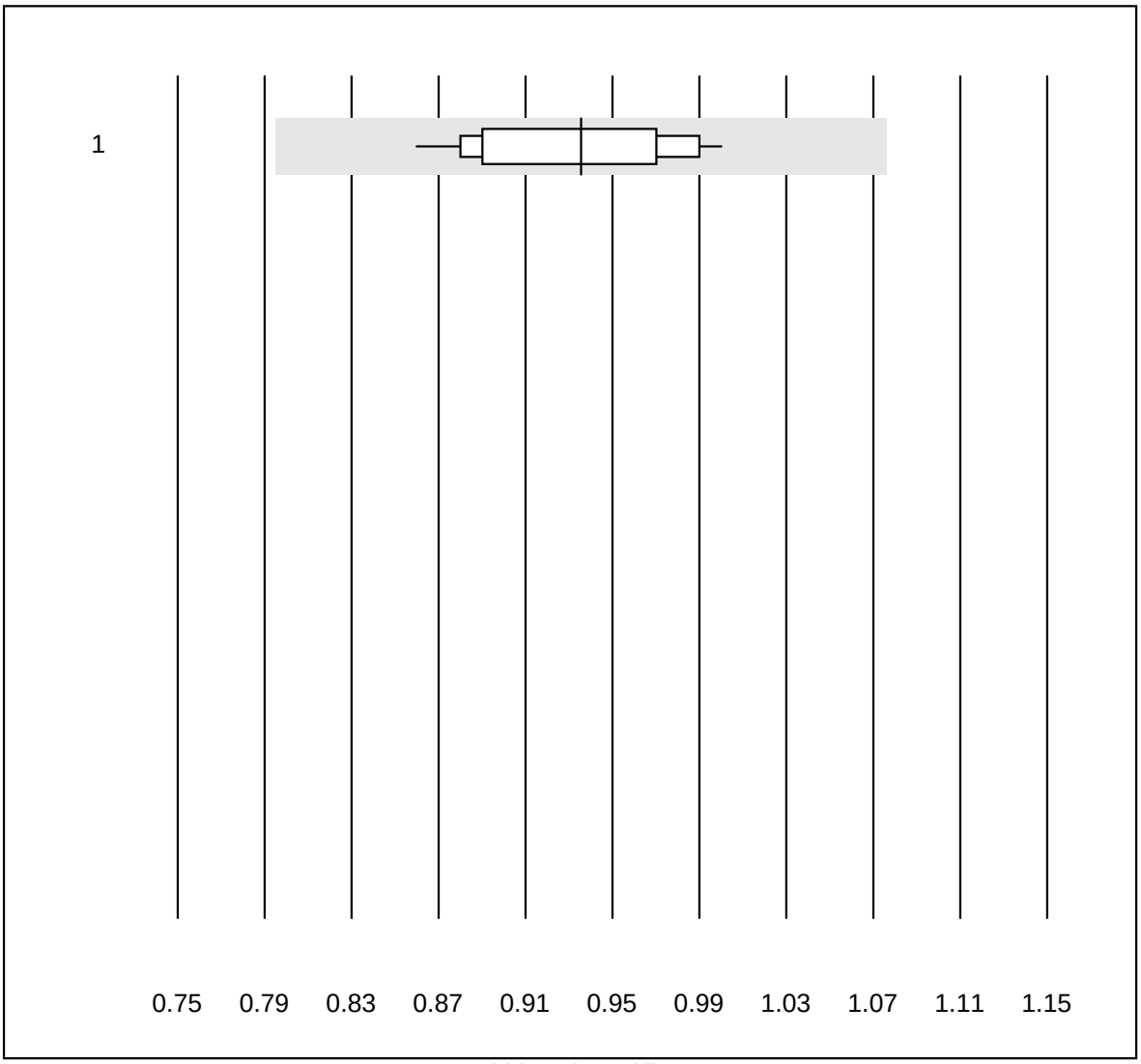
LDL Cholesterin



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Mira	9	100.0	0.0	0.0	2.6	6.7	e
2	Standard chemistry	8	100.0	0.0	0.0	3.0	4.4	e
3	Roche, Cobas	4	100.0	0.0	0.0	3.0	1.9	e
4	Hitachi S40/M40	4	100.0	0.0	0.0	2.4	2.3	e

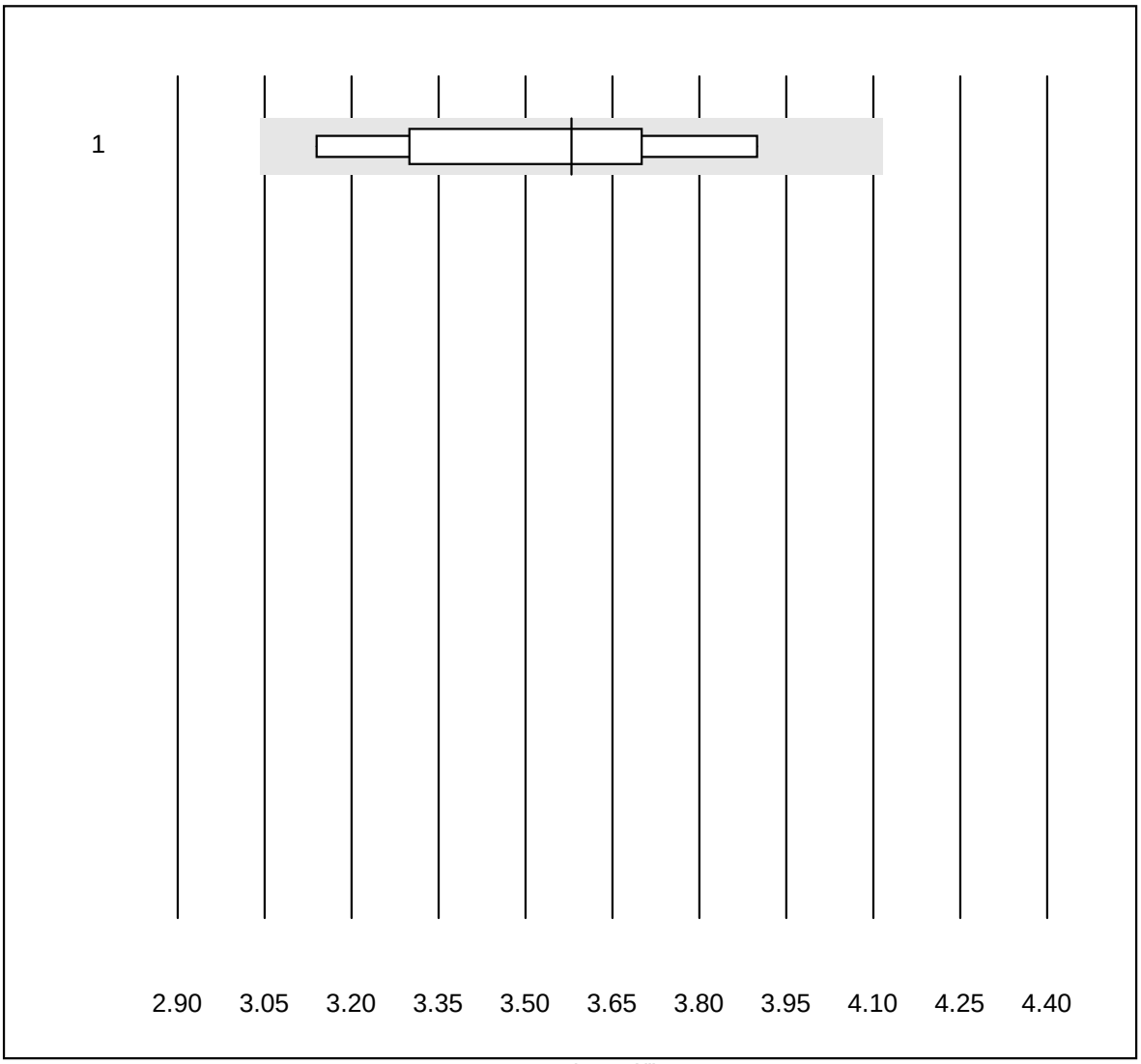
Lithium



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	14	100.0	0.0	0.0	0.94	4.6	e

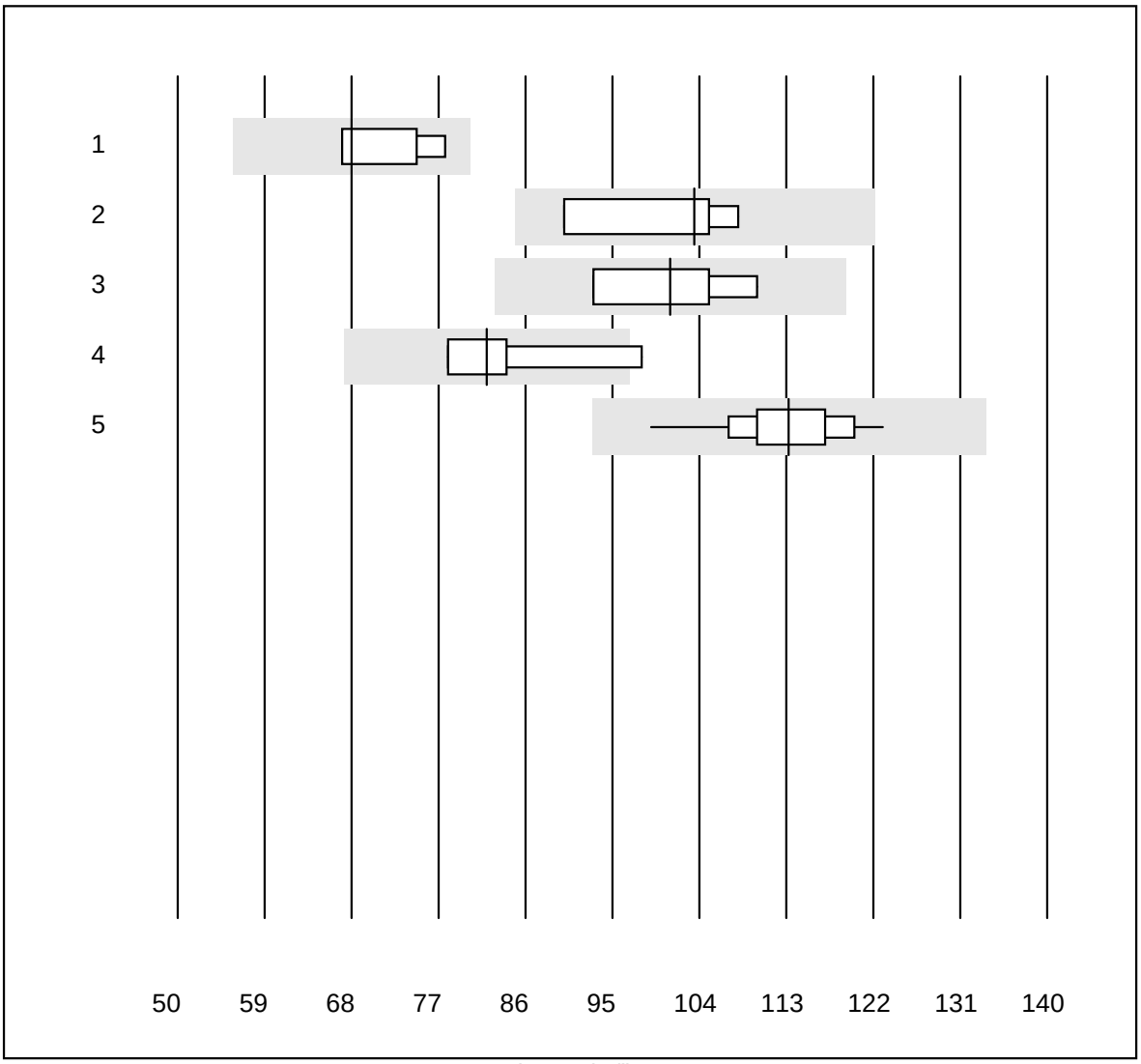
Lactate



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	7	100.0	0.0	0.0	3.58	7.2	e*

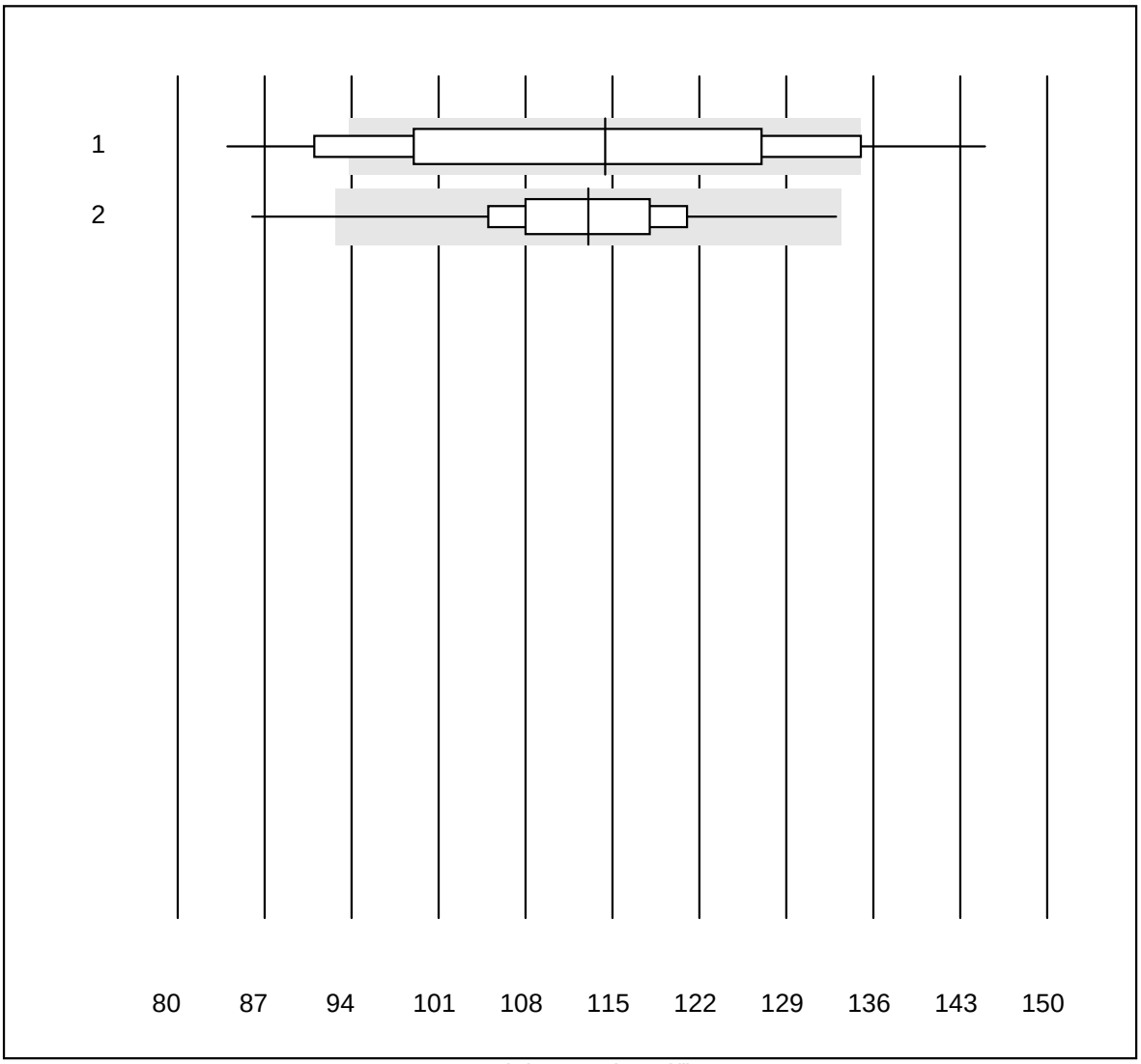
Lipase



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Abx Mira	4	100.0	0.0	0.0	68.0	7.2	e*
2	Architect	4	100.0	0.0	0.0	103.5	7.8	e*
3	Beckman/Olympus	4	100.0	0.0	0.0	101.0	7.6	e*
4	Cobas	8	87.5	12.5	0.0	82.0	7.5	e*
5	Fuji Dri-Chem	58	98.3	0.0	1.7	113.3	4.8	e

Creatinine SP

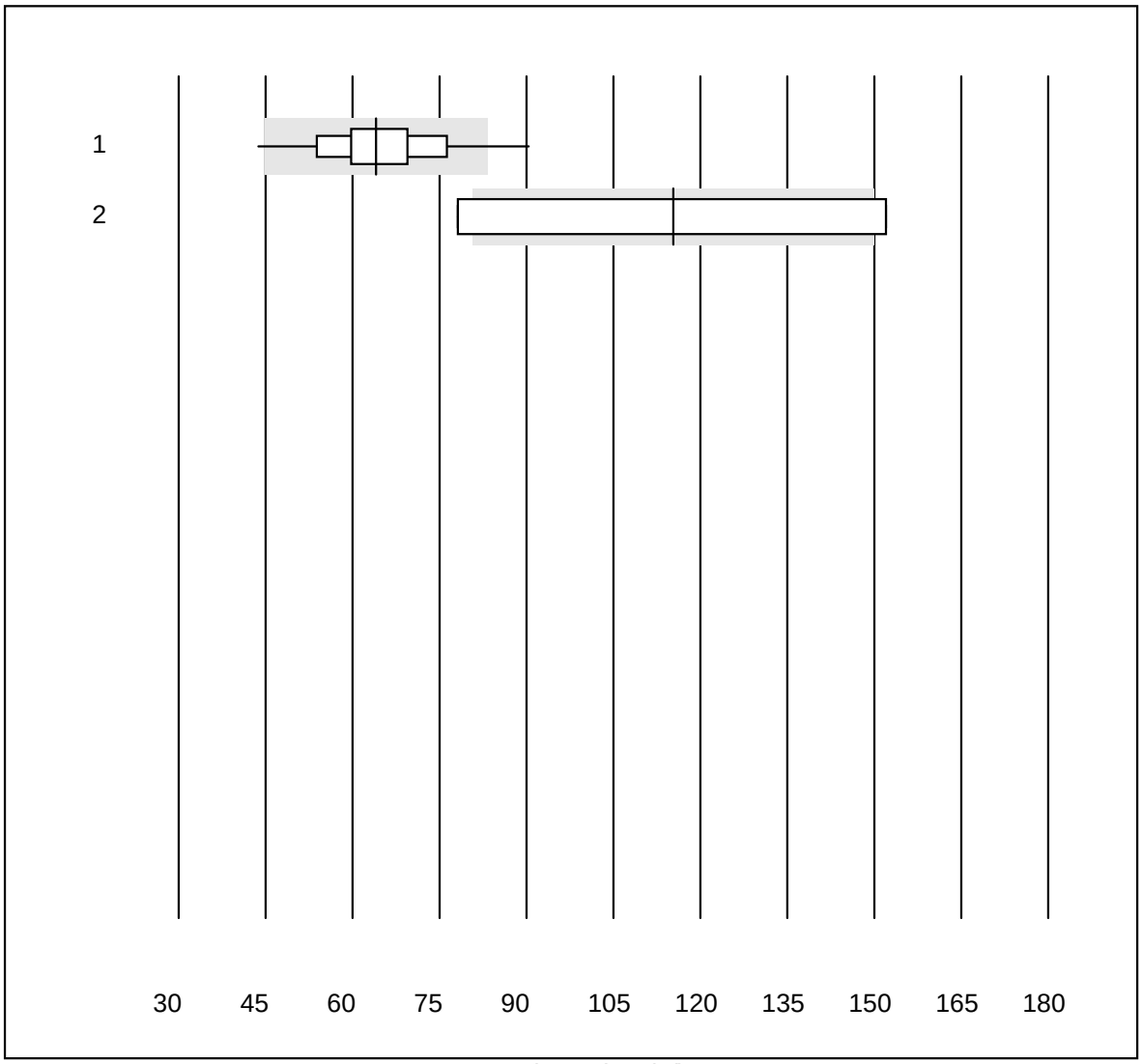


QUALAB tolerance : 18 %

Creatinine SP (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Spotchem/Ready	156	67.9	23.1	9.0	114	14.2	e
2	Spotchem D-Concept	135	98.5	1.5	0.0	113	6.3	e

eGFR (Spotchem)

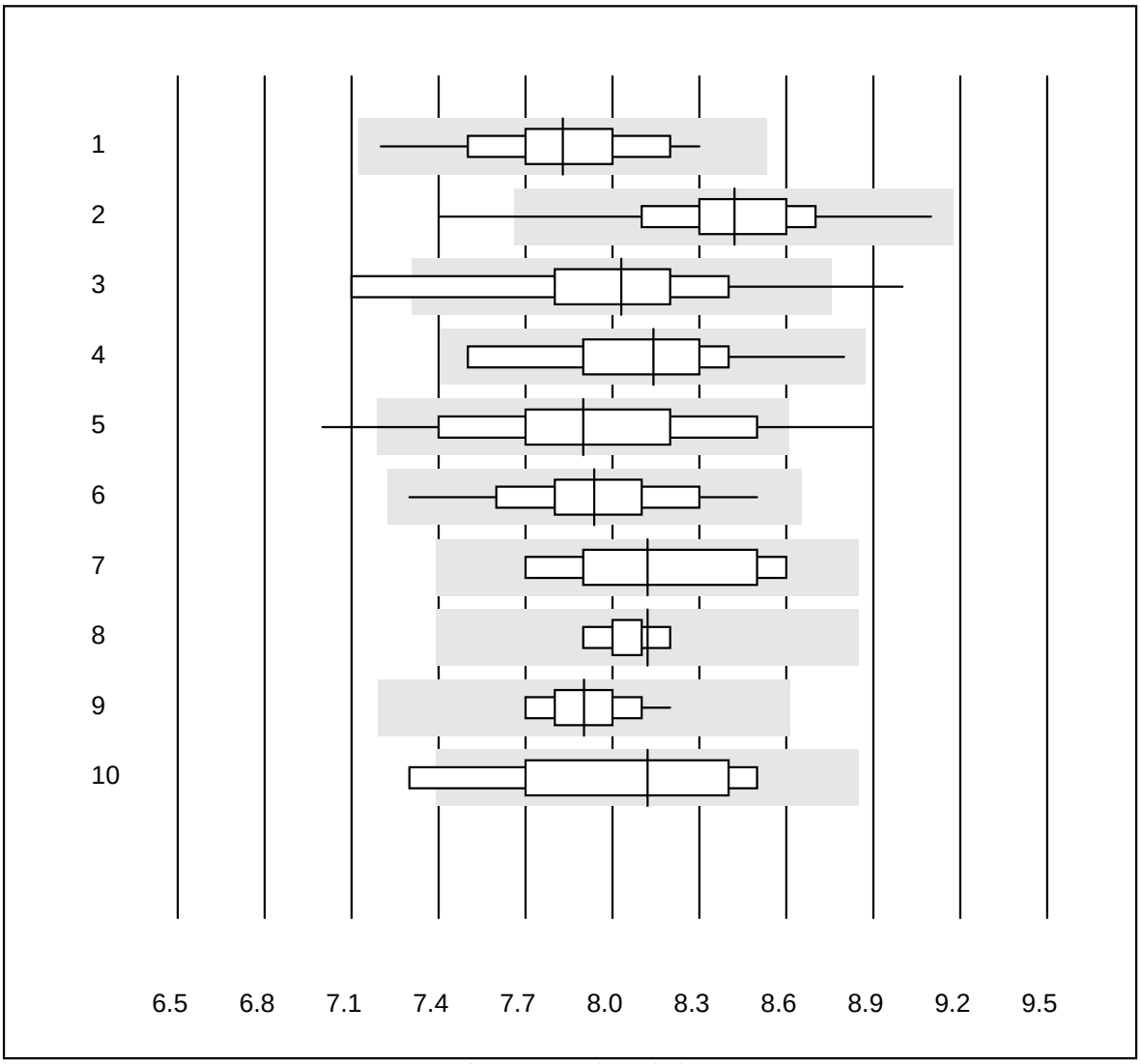


QUALAB tolerance : 30 %

eGFR (Spotchem) ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CKD-EPI	94	88.3	5.3	6.4	64	13.9	e
2	Cockcroft-Gault	5	20.0	40.0	40.0	115	32.3	a

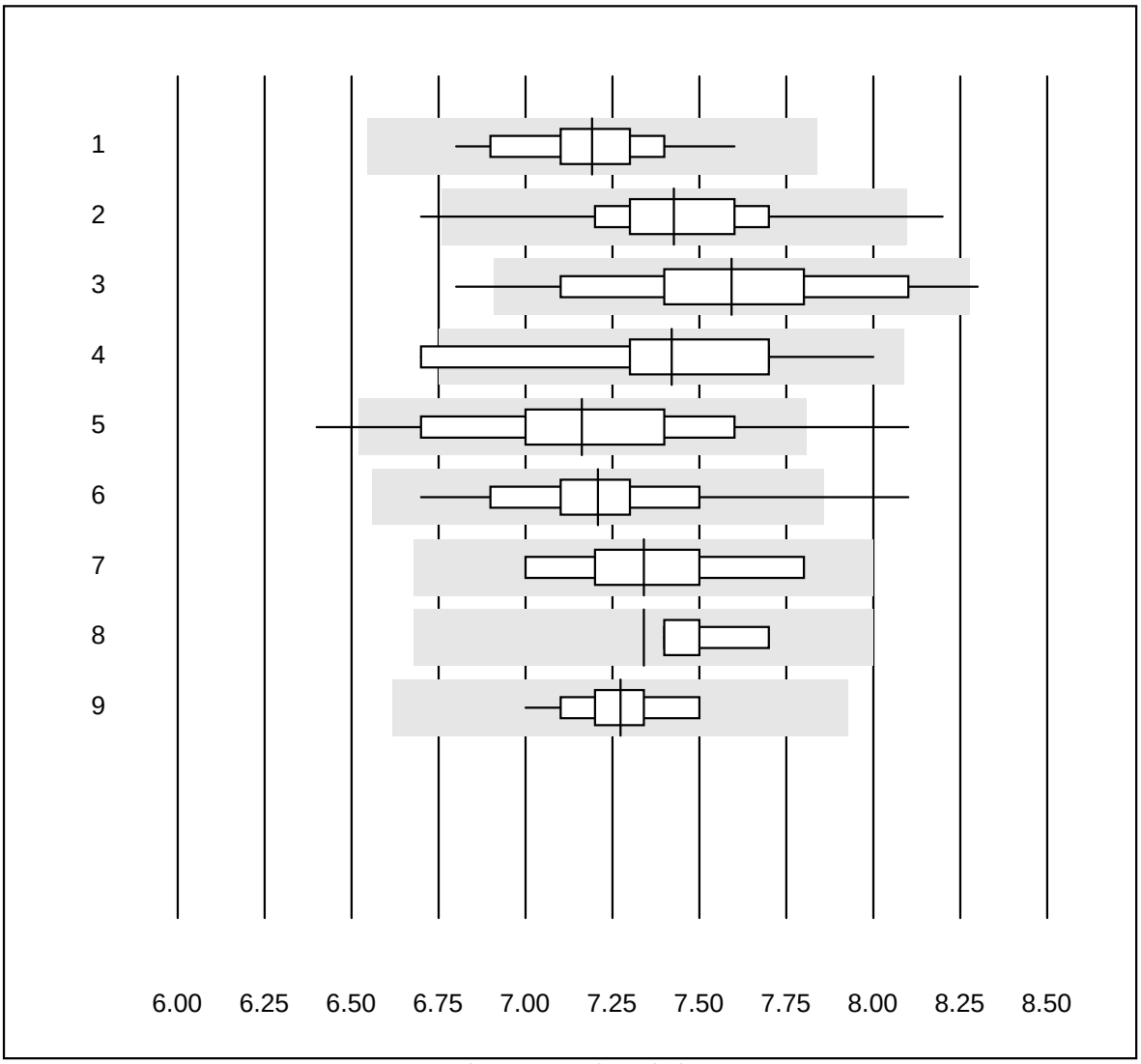
HbA1c sample A



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	26	100.0	0.0	0.0	7.8	3.5	e
2	Afinion	627	99.1	0.6	0.3	8.4	2.7	e
3	Eurolyser	11	72.7	18.2	9.1	8.0	6.5	e*
4	Hemocue HbA1c 501	10	100.0	0.0	0.0	8.1	4.3	e*
5	NycoCard	107	83.2	8.4	8.4	7.9	5.2	e
6	DCA2000/Vantage	200	100.0	0.0	0.0	7.9	3.1	e
7	Others	7	100.0	0.0	0.0	8.1	3.9	a
8	HPLC	6	100.0	0.0	0.0	8.1	1.3	a
9	Roche, Cobas	17	100.0	0.0	0.0	7.9	1.8	e
10	A1c Now	7	85.7	14.3	0.0	8.1	5.2	a

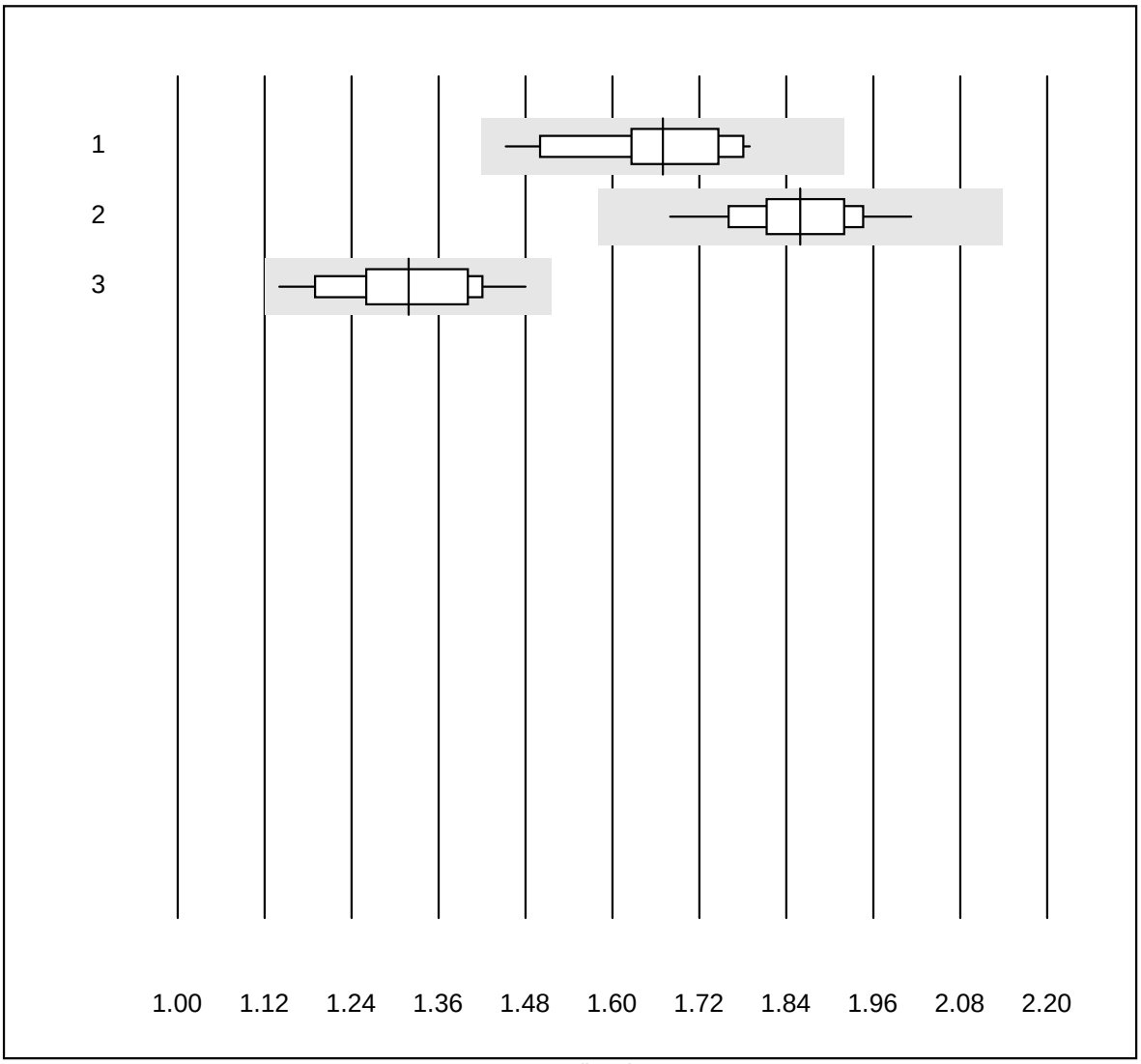
HbA1c sample B



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	24	100.0	0.0	0.0	7.2	2.5	e
2	Afinion	546	98.9	0.7	0.4	7.4	2.8	e
3	Eurolyser	16	75.0	12.5	12.5	7.6	5.0	e*
4	Hemocue HbA1c 501	10	90.0	10.0	0.0	7.4	5.2	e*
5	NycoCard	97	86.6	7.2	6.2	7.2	4.8	e
6	DCA2000/Vantage	220	98.6	1.4	0.0	7.2	3.1	e
7	Others	6	100.0	0.0	0.0	7.3	3.7	a
8	HPLC	4	100.0	0.0	0.0	7.3	1.9	a
9	Roche, Cobas	16	100.0	0.0	0.0	7.3	1.9	e

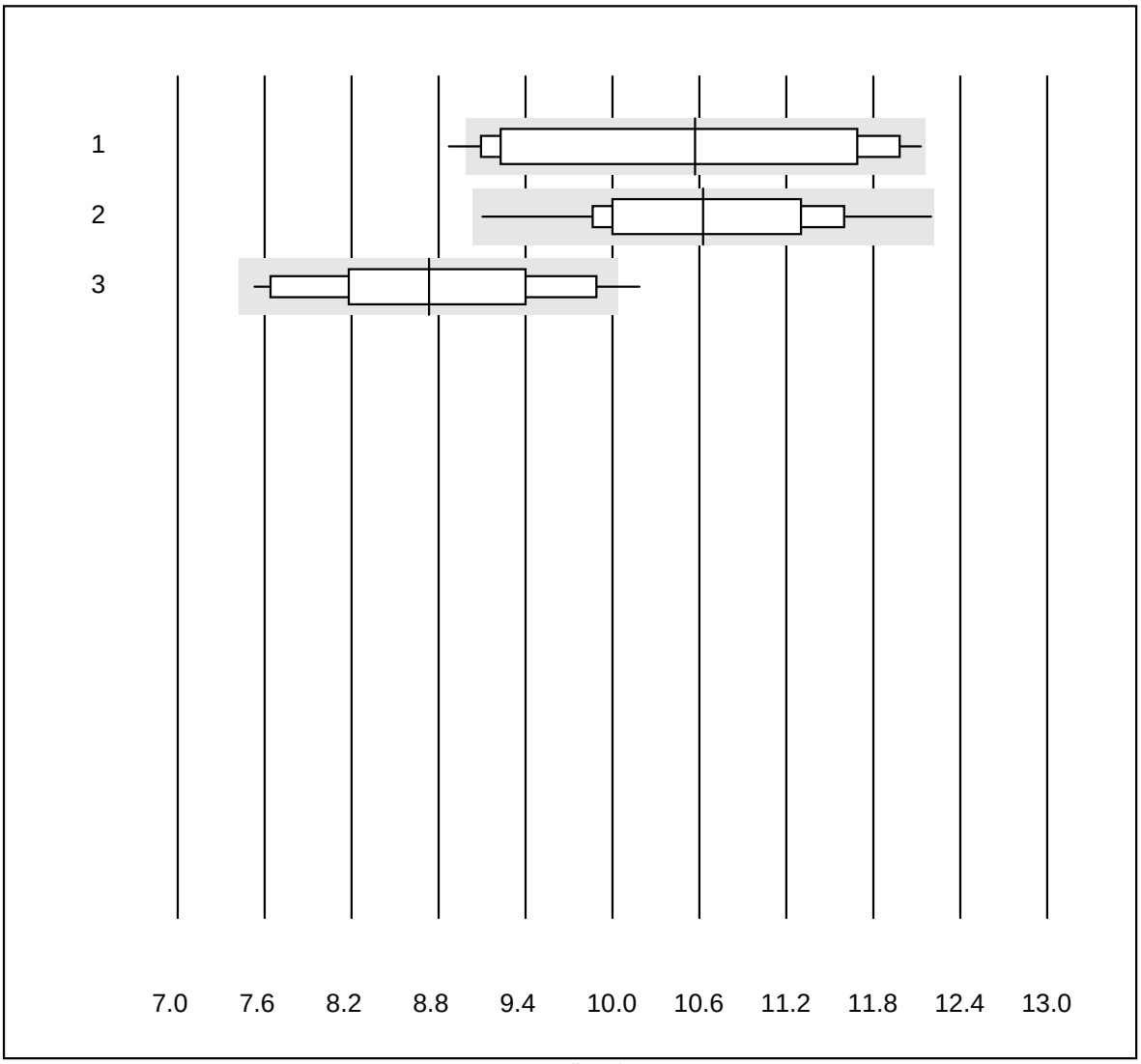
pCO2



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	1.67	5.6	e
2	iStat	36	97.2	0.0	2.8	1.86	4.1	e
3	EPOC	23	95.7	0.0	4.3	1.32	7.1	e

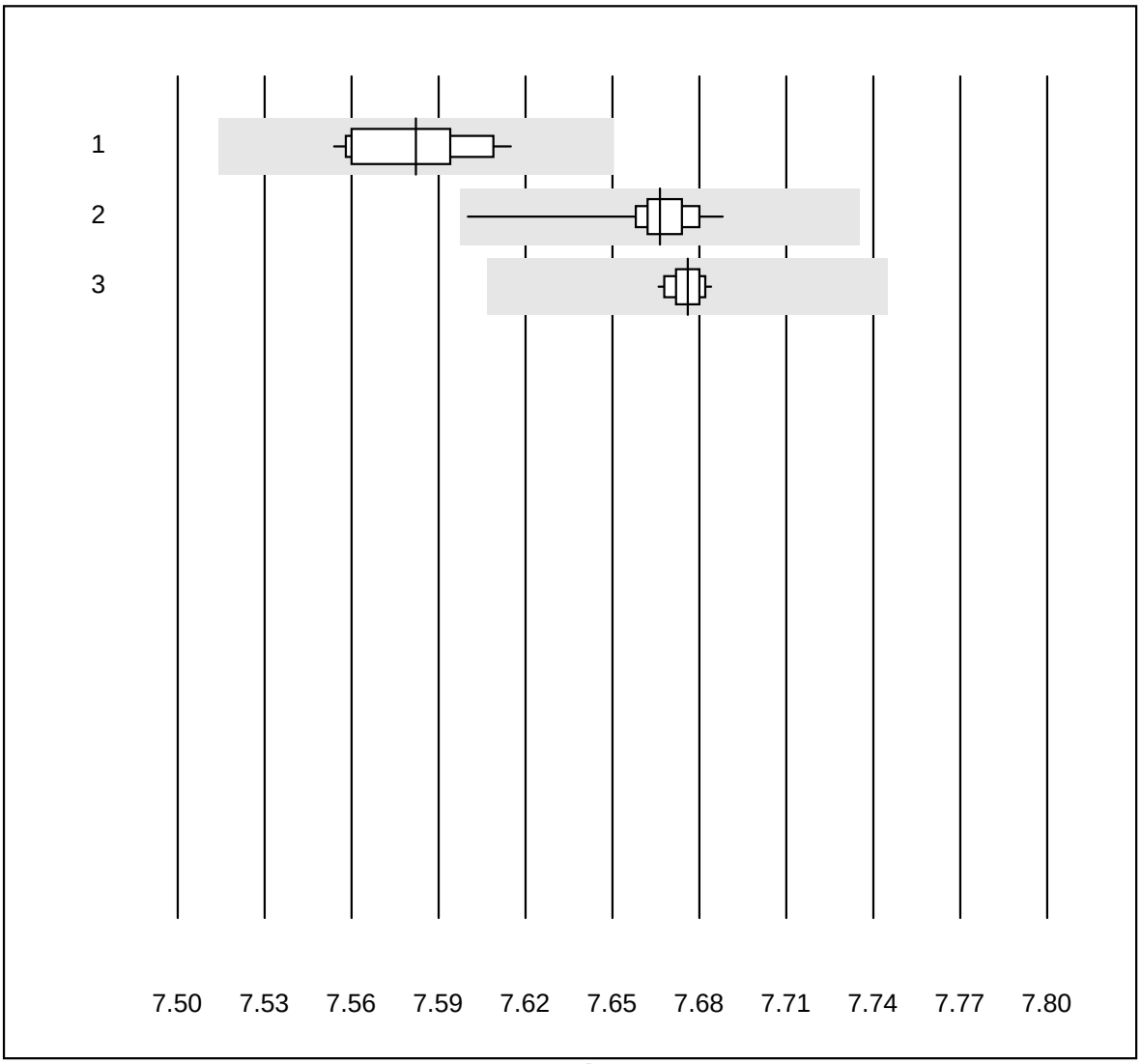
pO2



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	14	78.6	7.1	14.3	10.57	11.5	e*
2	iStat	35	88.6	0.0	11.4	10.63	6.9	e
3	EPOC	23	78.3	4.3	17.4	8.73	8.5	e

pH

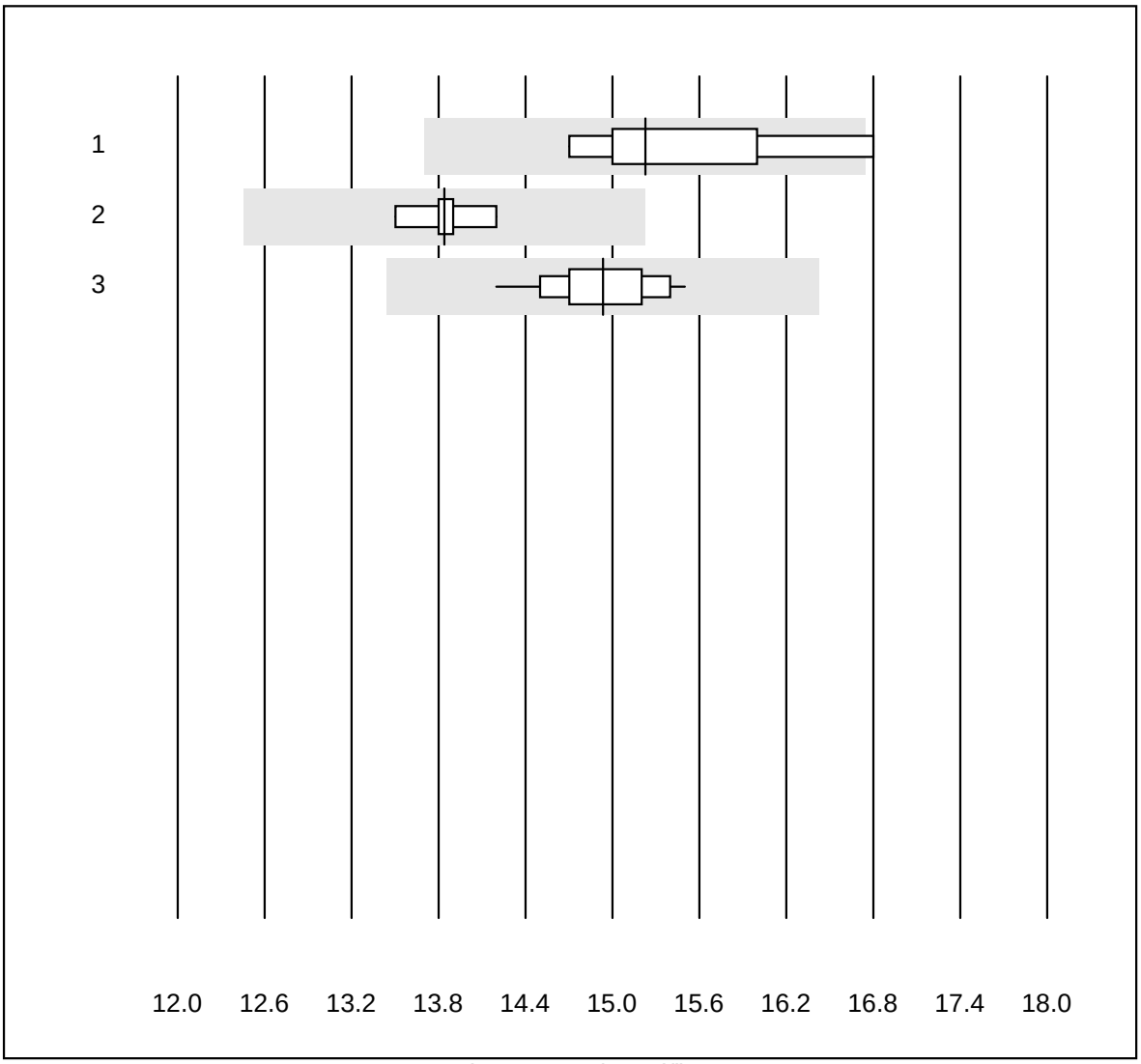


QUALAB tolerance : 1 %

pH ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	16	100.0	0.0	0.0	7.58	0.3	e
2	iStat	36	100.0	0.0	0.0	7.67	0.2	e
3	EPOC	23	100.0	0.0	0.0	7.68	0.1	e

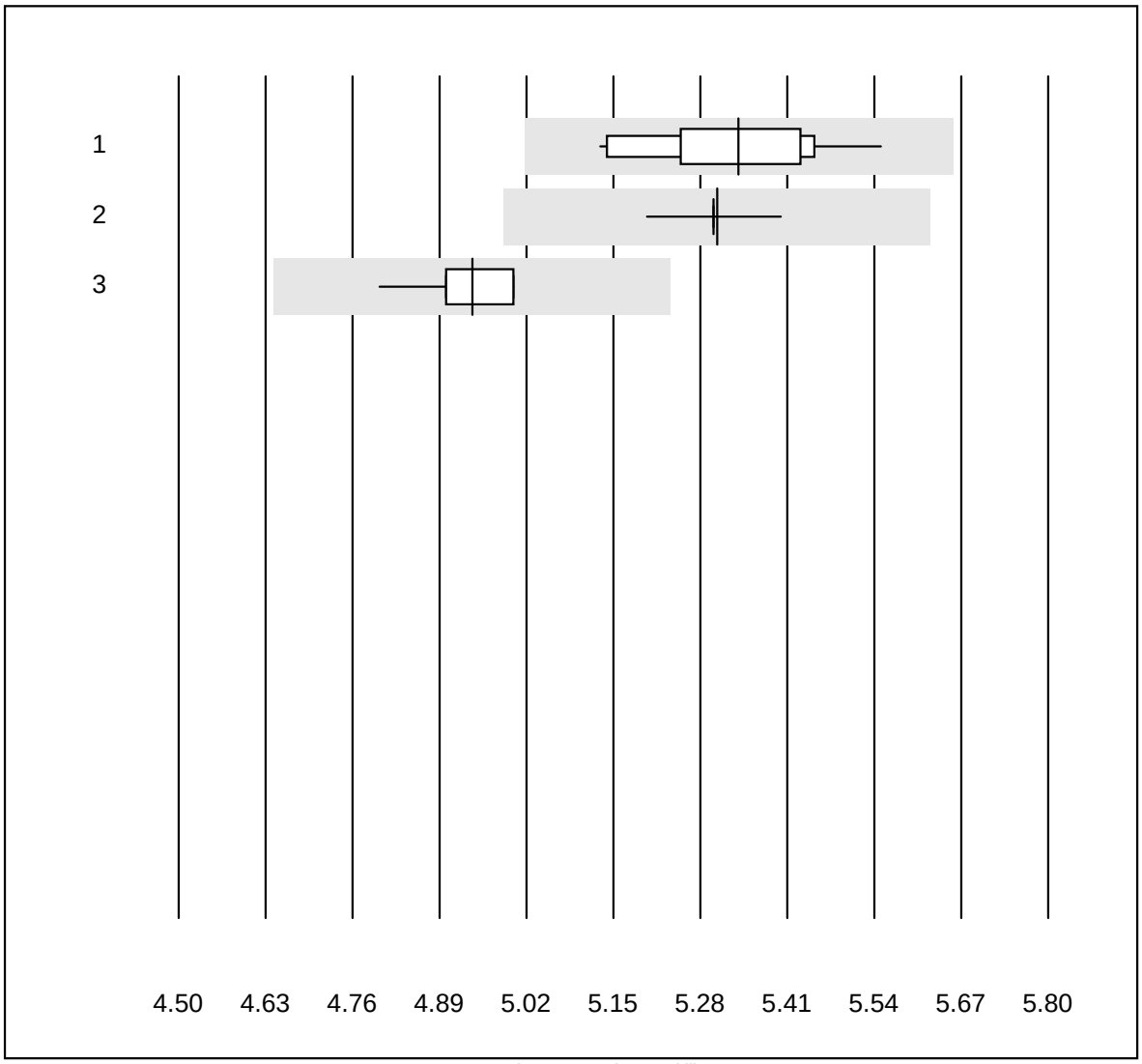
Glucose BG



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	5	80.0	20.0	0.0	15.2	5.4	e*
2	iStat	13	100.0	0.0	0.0	13.8	1.5	e
3	EPOC	15	93.3	0.0	6.7	14.9	2.4	e

Potassium BG

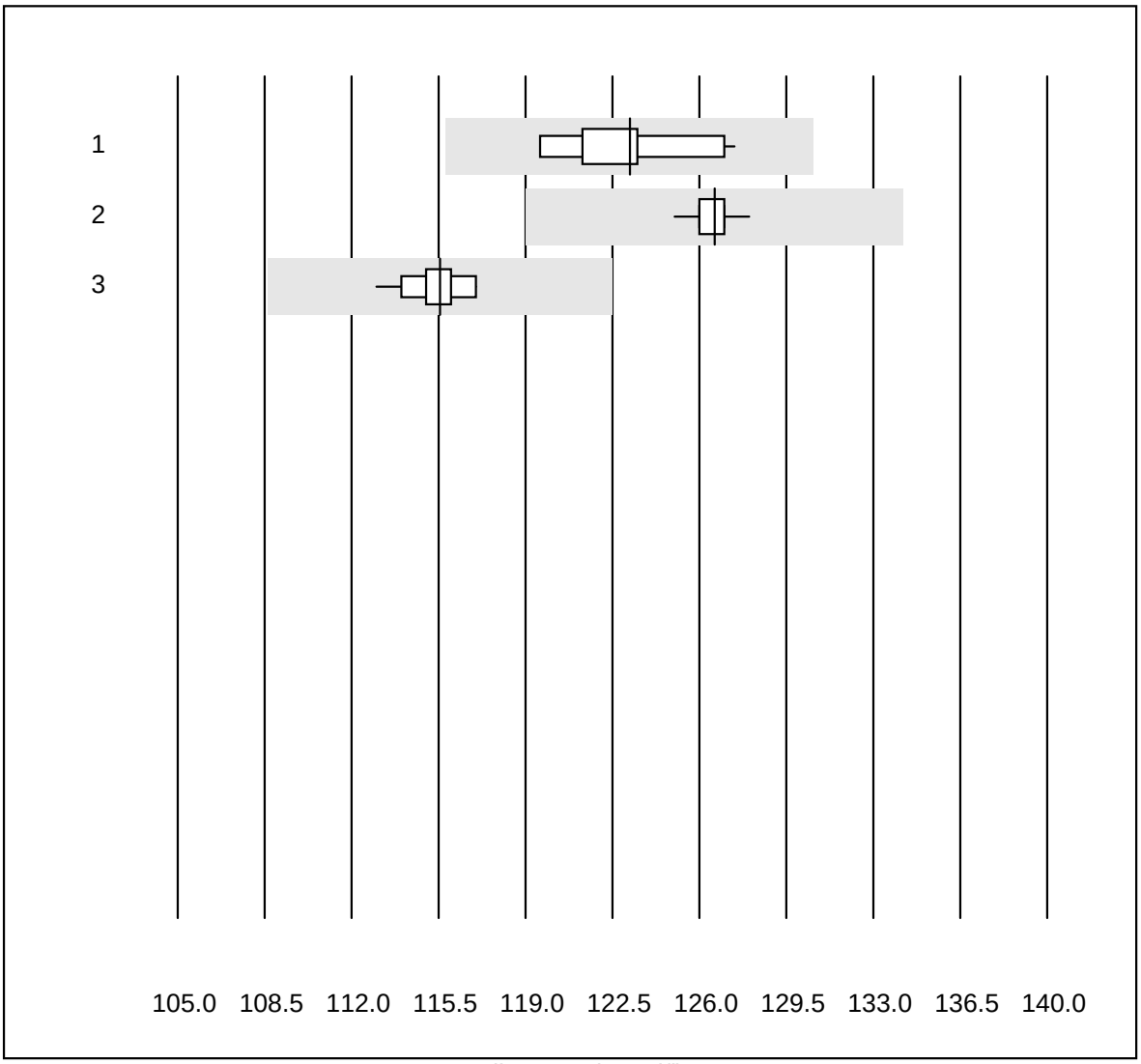


QUALAB tolerance : 6 %

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	5.3	2.2	e
2	iStat	21	100.0	0.0	0.0	5.3	0.7	e
3	EPOC	19	100.0	0.0	0.0	4.9	1.2	e

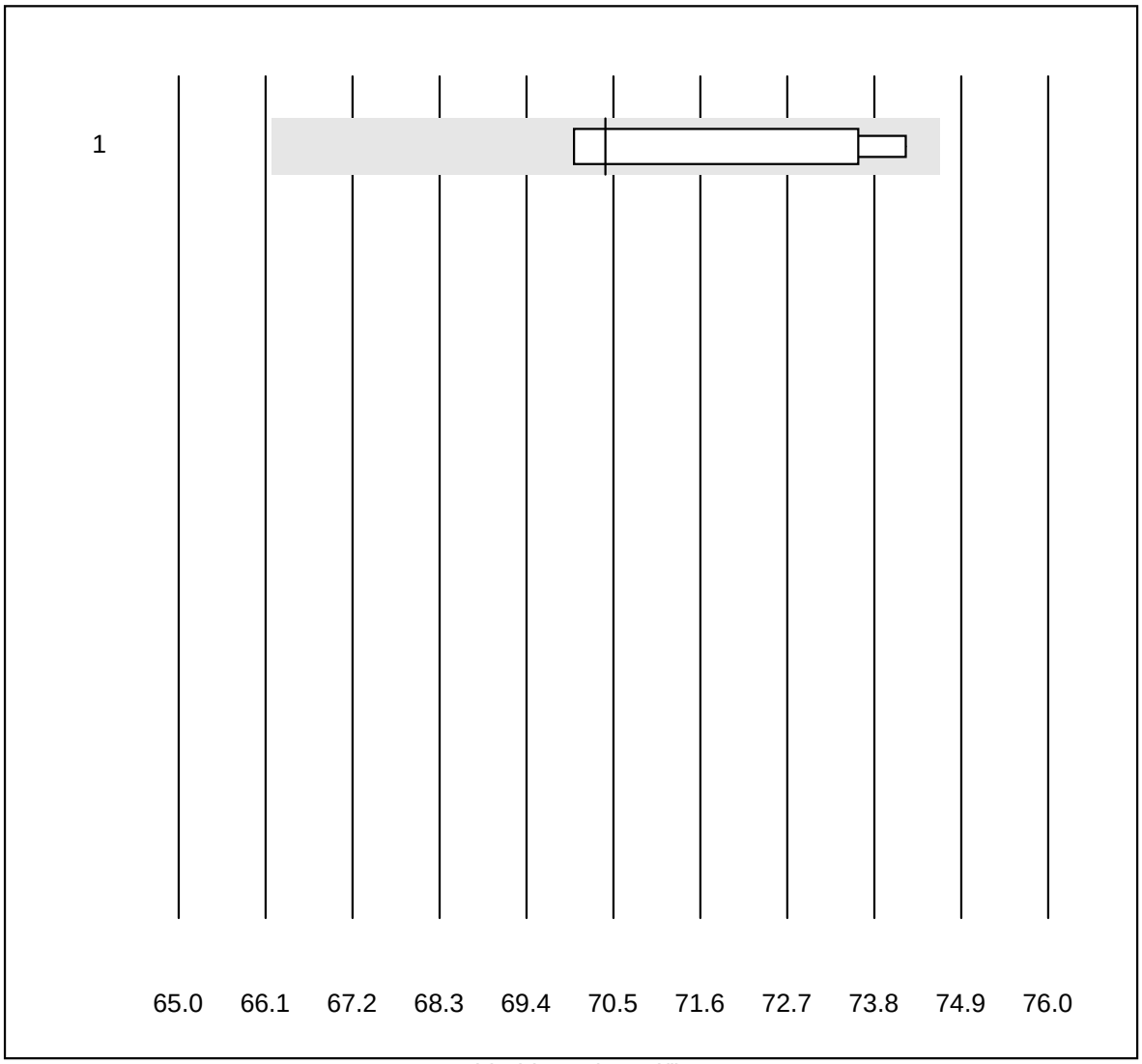
Sodium BG



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	123.2	2.0	e
2	iStat	21	100.0	0.0	0.0	126.6	0.6	e
3	EPOC	18	94.4	0.0	5.6	115.6	0.9	e

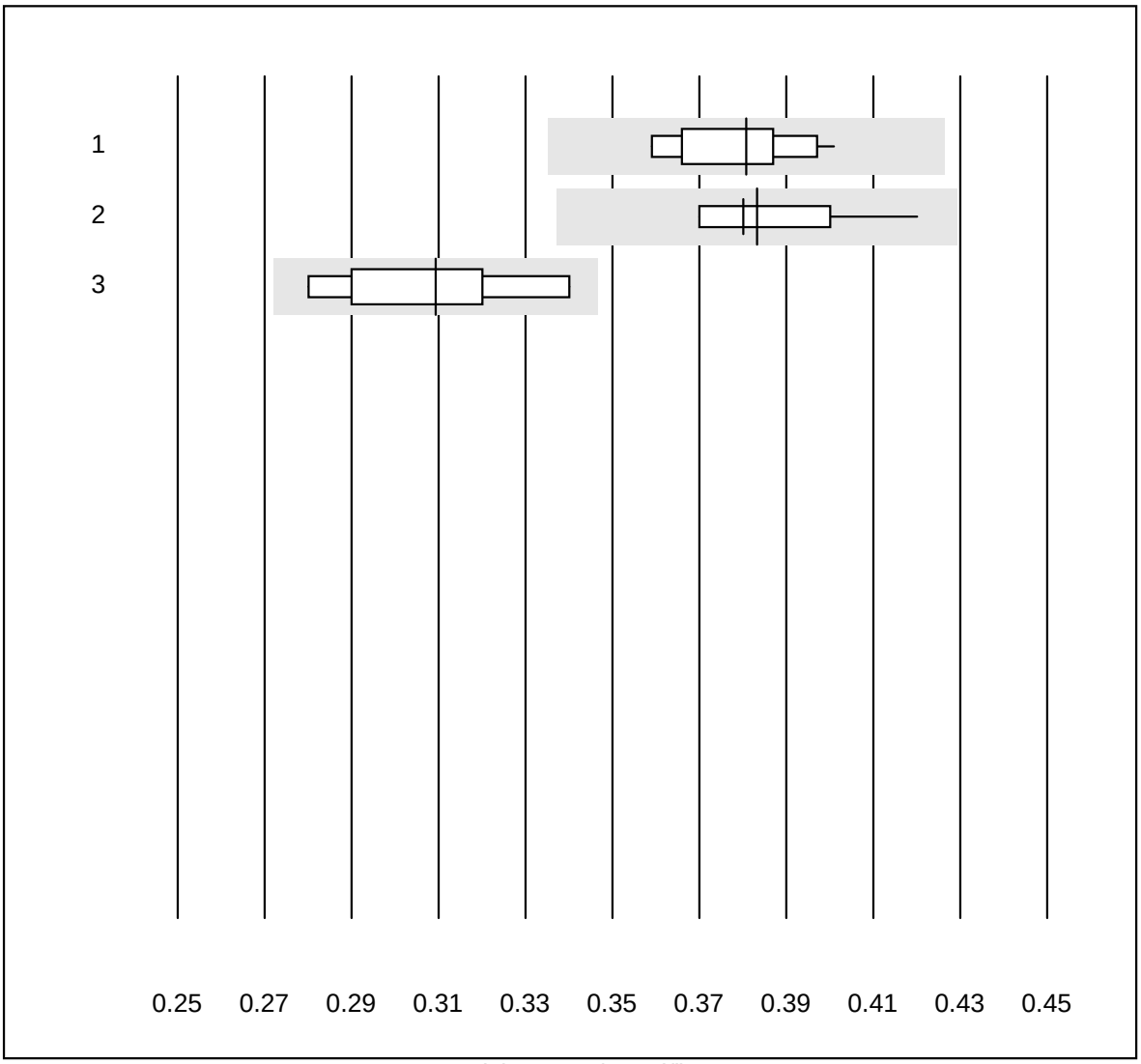
Chlorid-BG



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	70.4	2.7	e*

Calcium-BG

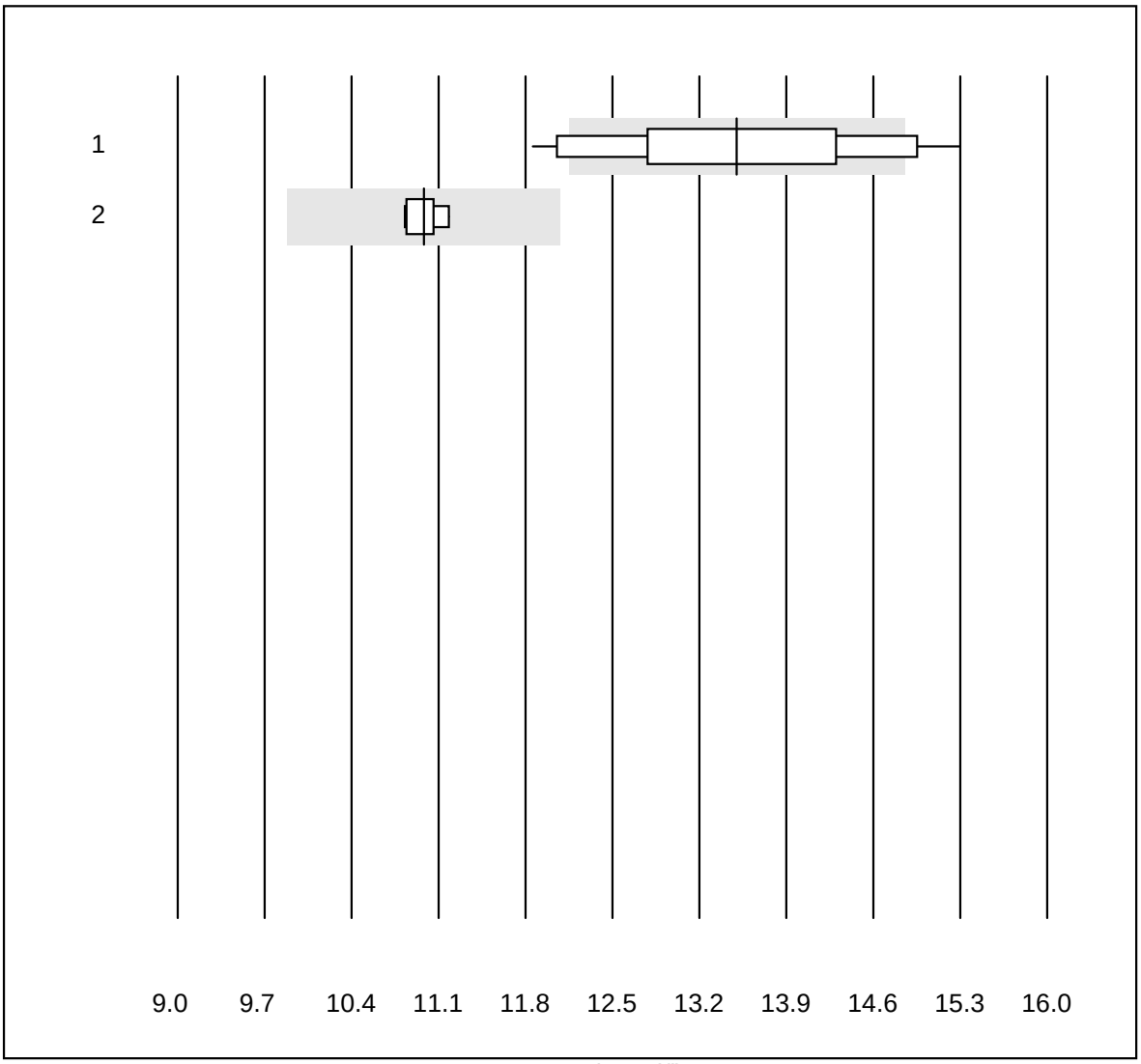


QUALAB tolerance : 12 %

Calcium-BG (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b121/123/221	10	100.0	0.0	0.0	0.38	3.8	e
2	iStat	12	100.0	0.0	0.0	0.38	3.6	e
3	EPOC	19	100.0	0.0	0.0	0.31	5.8	e

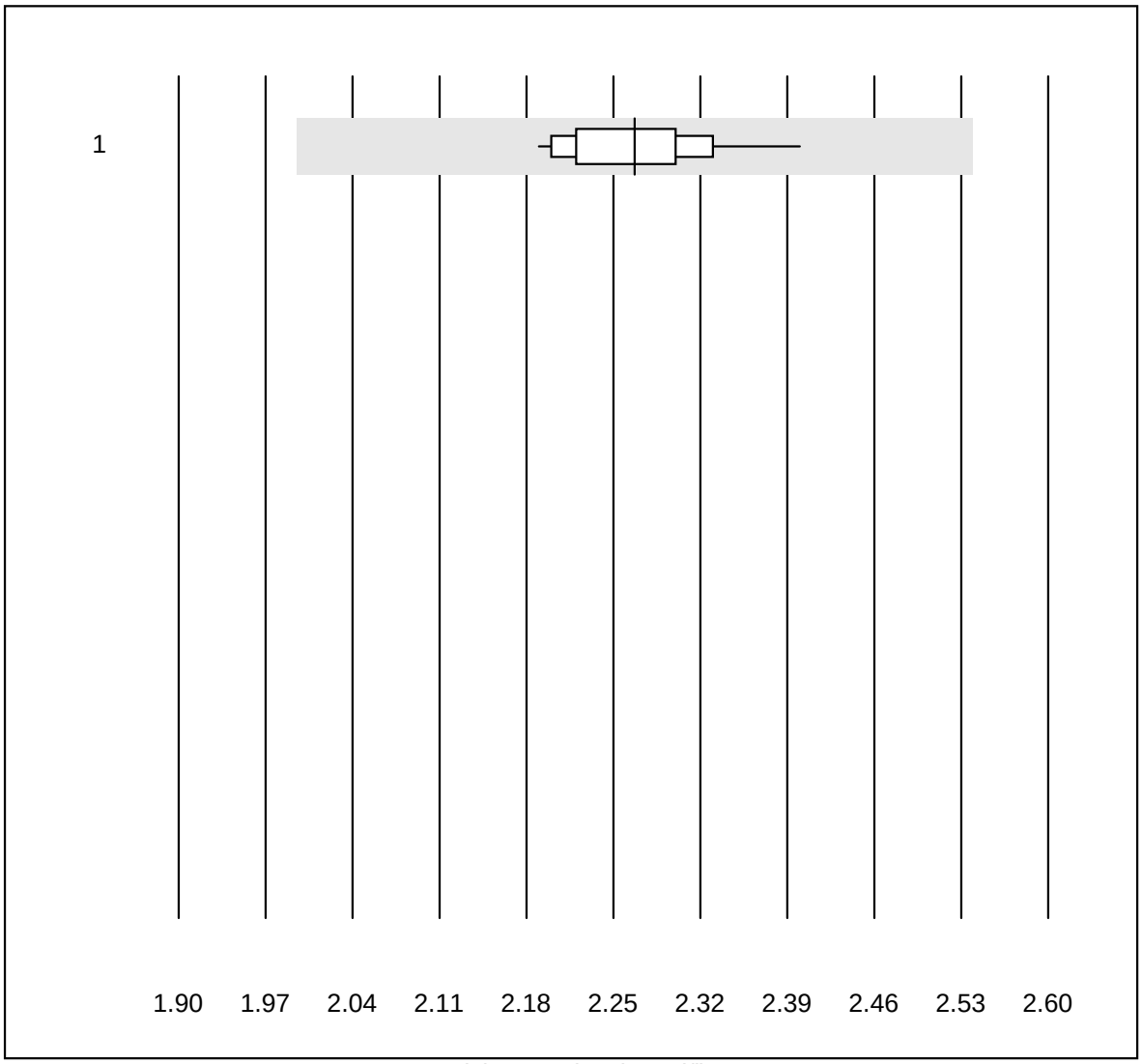
Lactate-BG



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	EPOC	20	70.0	20.0	10.0	13.50	7.5	e*
2	iStat	7	100.0	0.0	0.0	10.98	1.2	e

Calcium - Urine

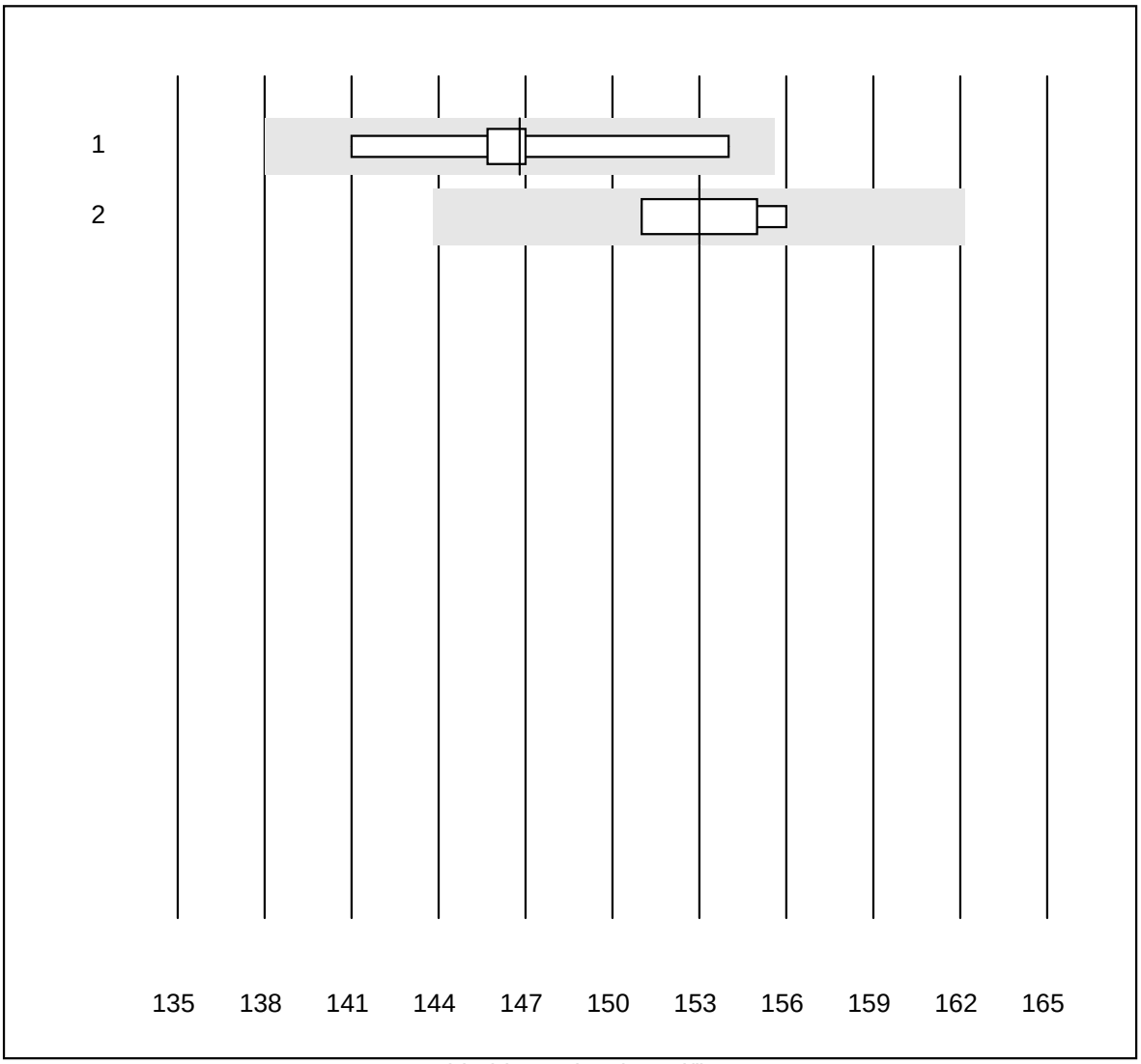


QUALAB tolerance : 12 %

Calcium - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	13	100.0	0.0	0.0	2.27	2.6	e

Chloride - Urine

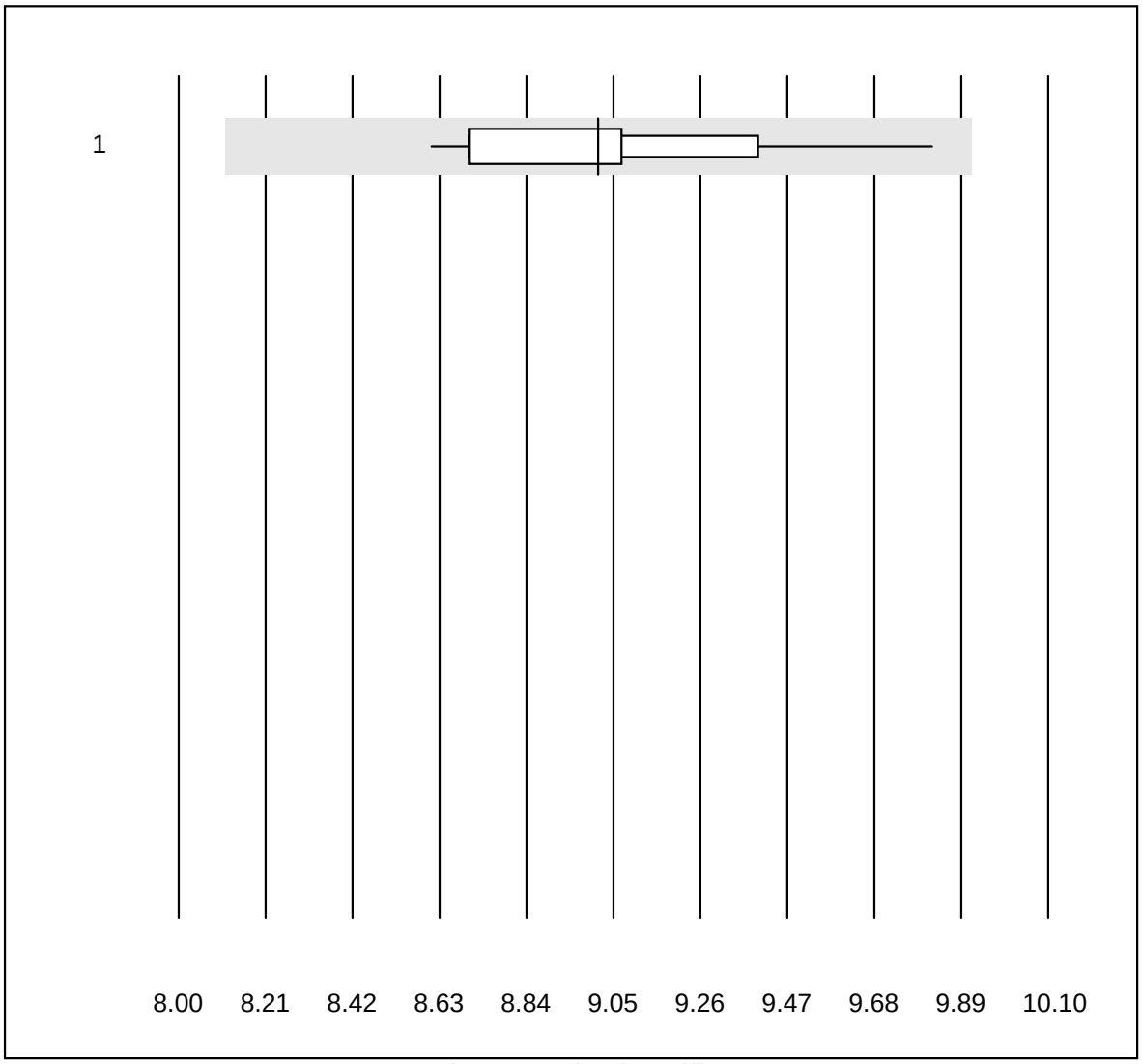


QUALAB tolerance : 6 %

Chloride - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	5	100.0	0.0	0.0	147	3.2	e*
2	ISE	4	100.0	0.0	0.0	153	1.7	e*

Glucose - Urine

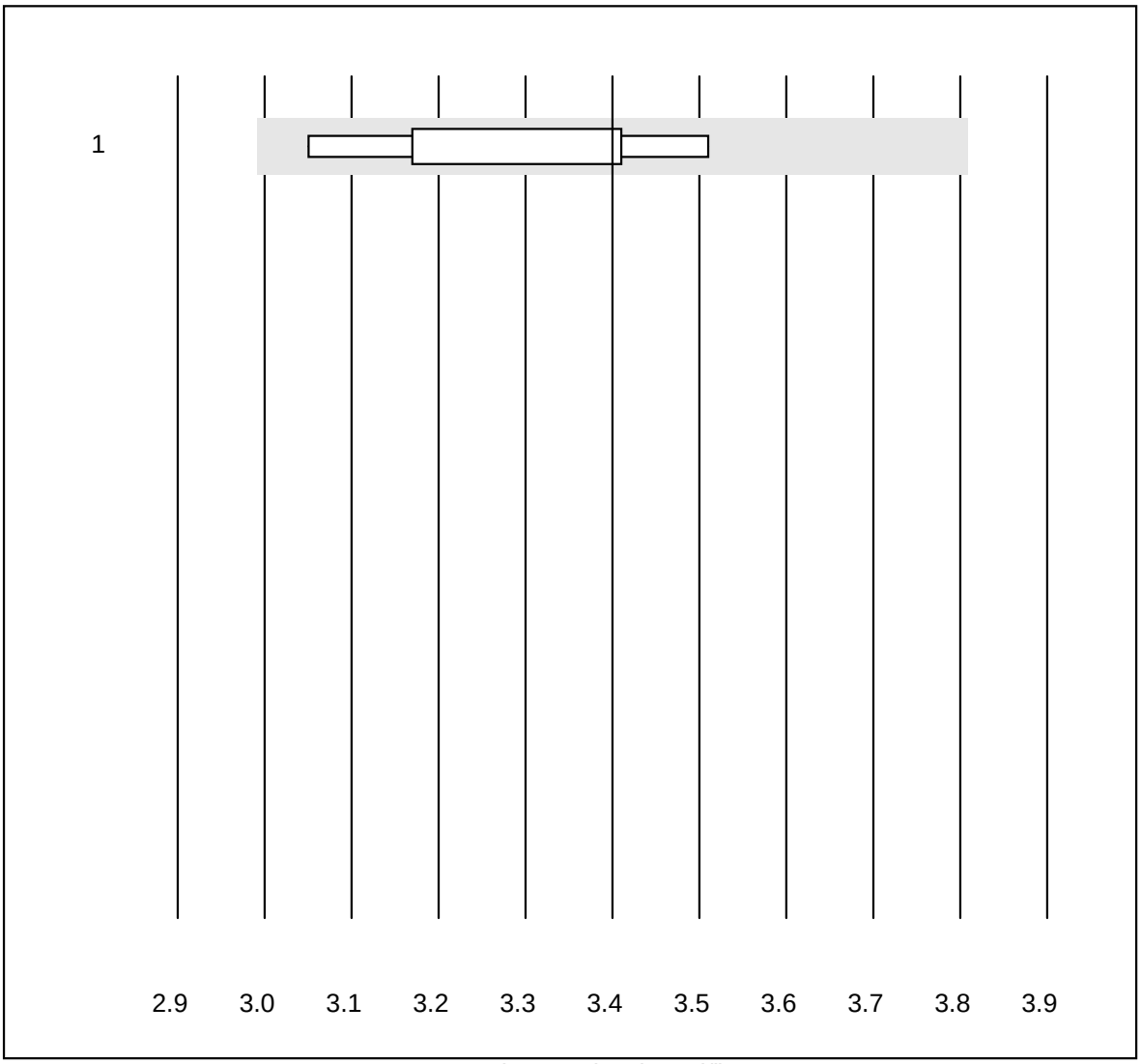


QUALAB tolerance : 10 %

Glucose - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	12	100.0	0.0	0.0	9.0	3.9	e

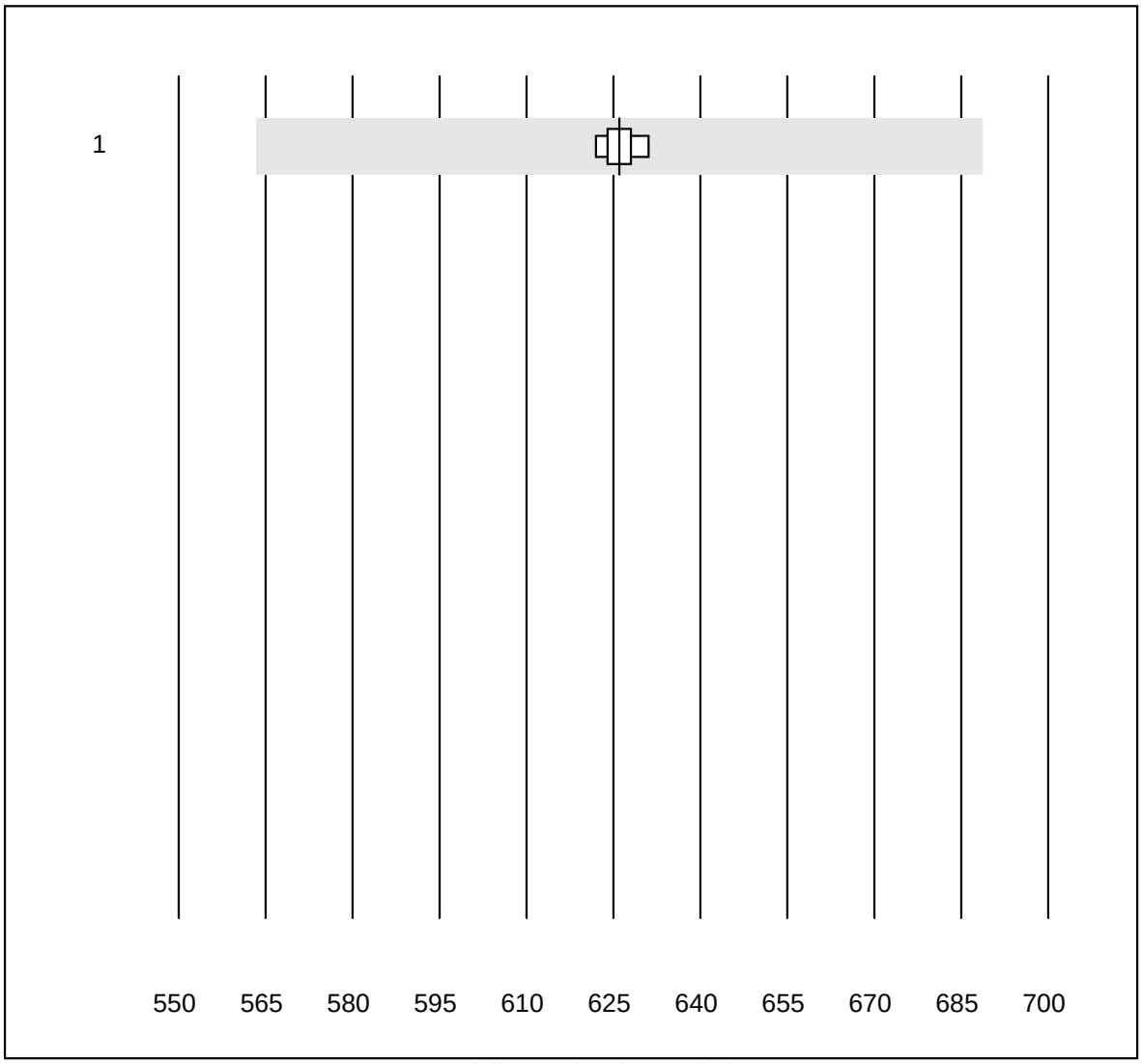
Magnesium - Urine



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	8	100.0	0.0	0.0	3.4	5.1	e*

Osmolality - Urine

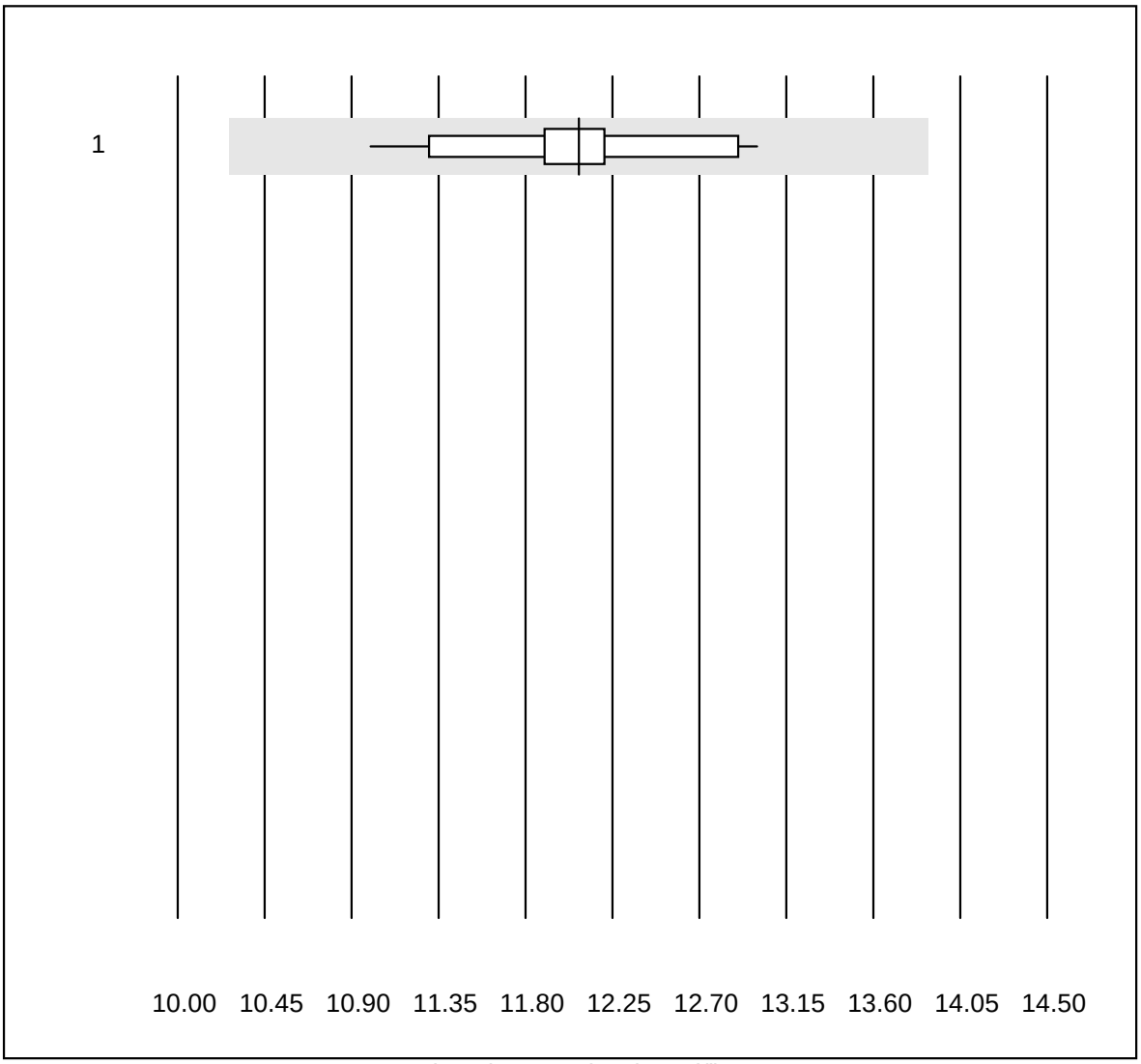


QUALAB tolerance : 10 %

Osmolality - Urine (mosm/kg)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cryoskopy	6	100.0	0.0	0.0	626	0.5	e

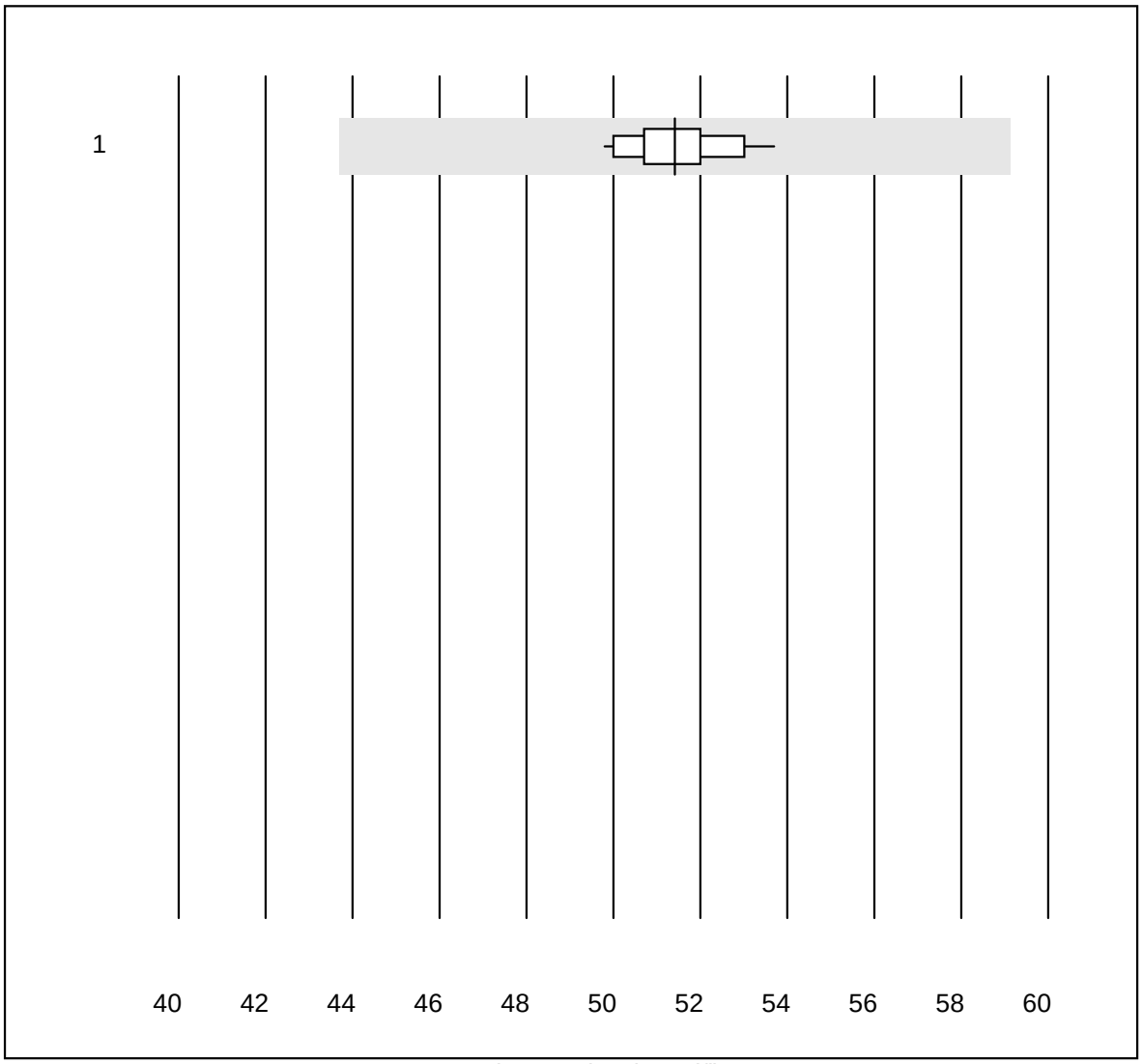
Phosphate - Urine



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	14	100.0	0.0	0.0	12.1	4.4	e

Potassium - Urine

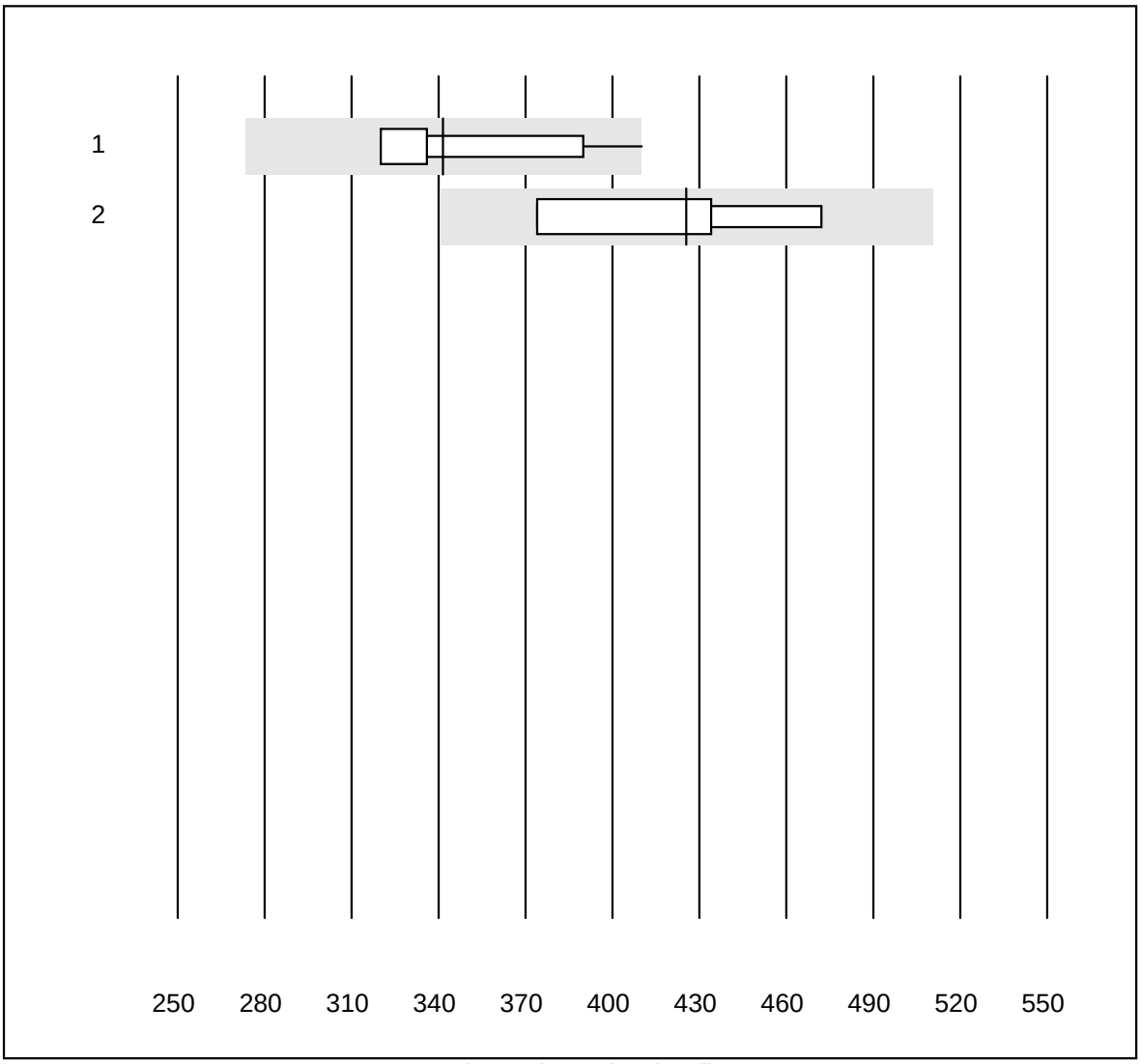


QUALAB tolerance : 15 %

Potassium - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	18	100.0	0.0	0.0	51	2.2	e

total Protein - Urine

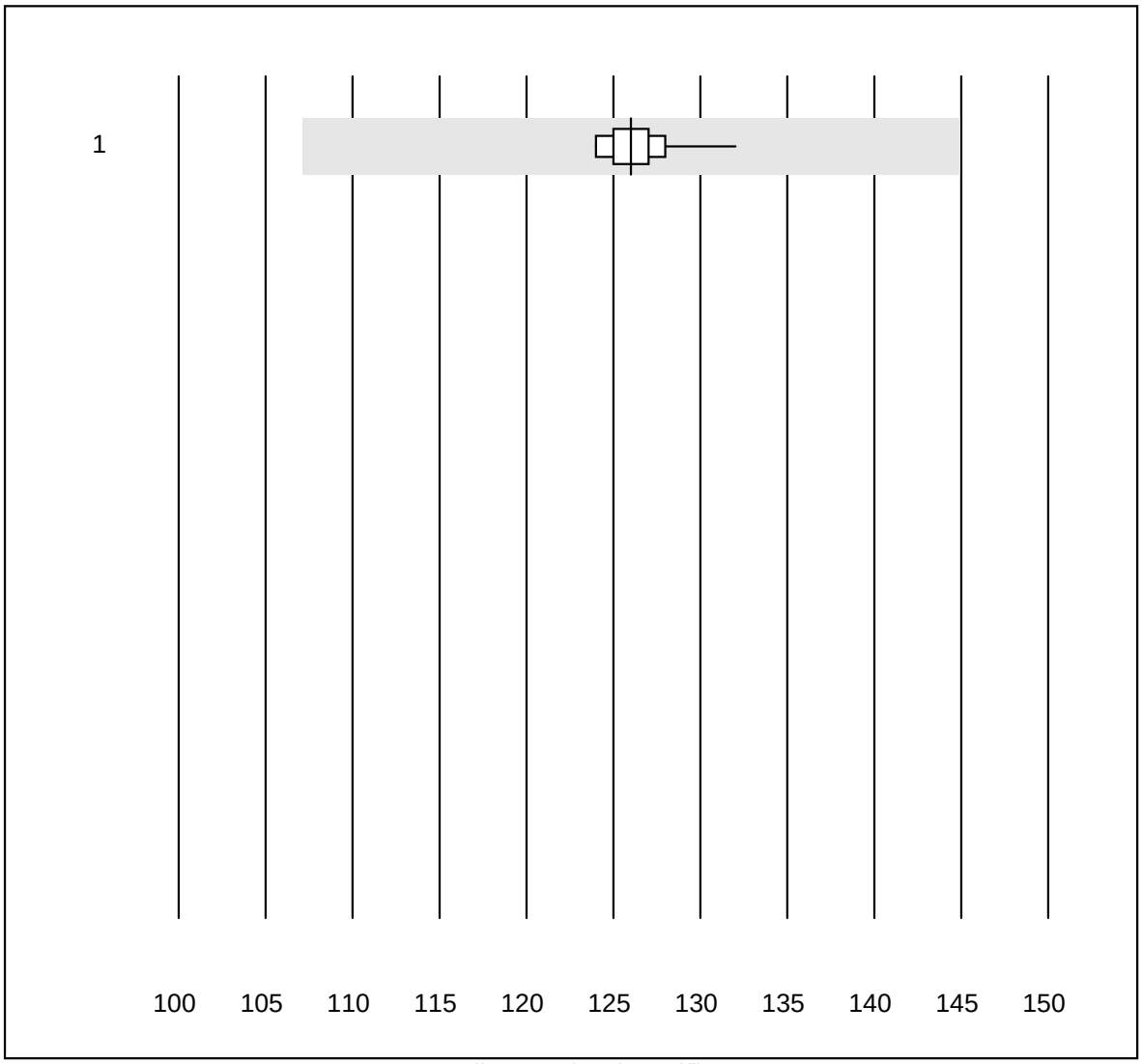


QUALAB tolerance : 20 %

total Protein - Urine (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas/Roche	12	91.7	8.3	0.0	341.6	8.5	e*
2	Other methods	4	100.0	0.0	0.0	425.5	9.6	e*

Sodium - Urine

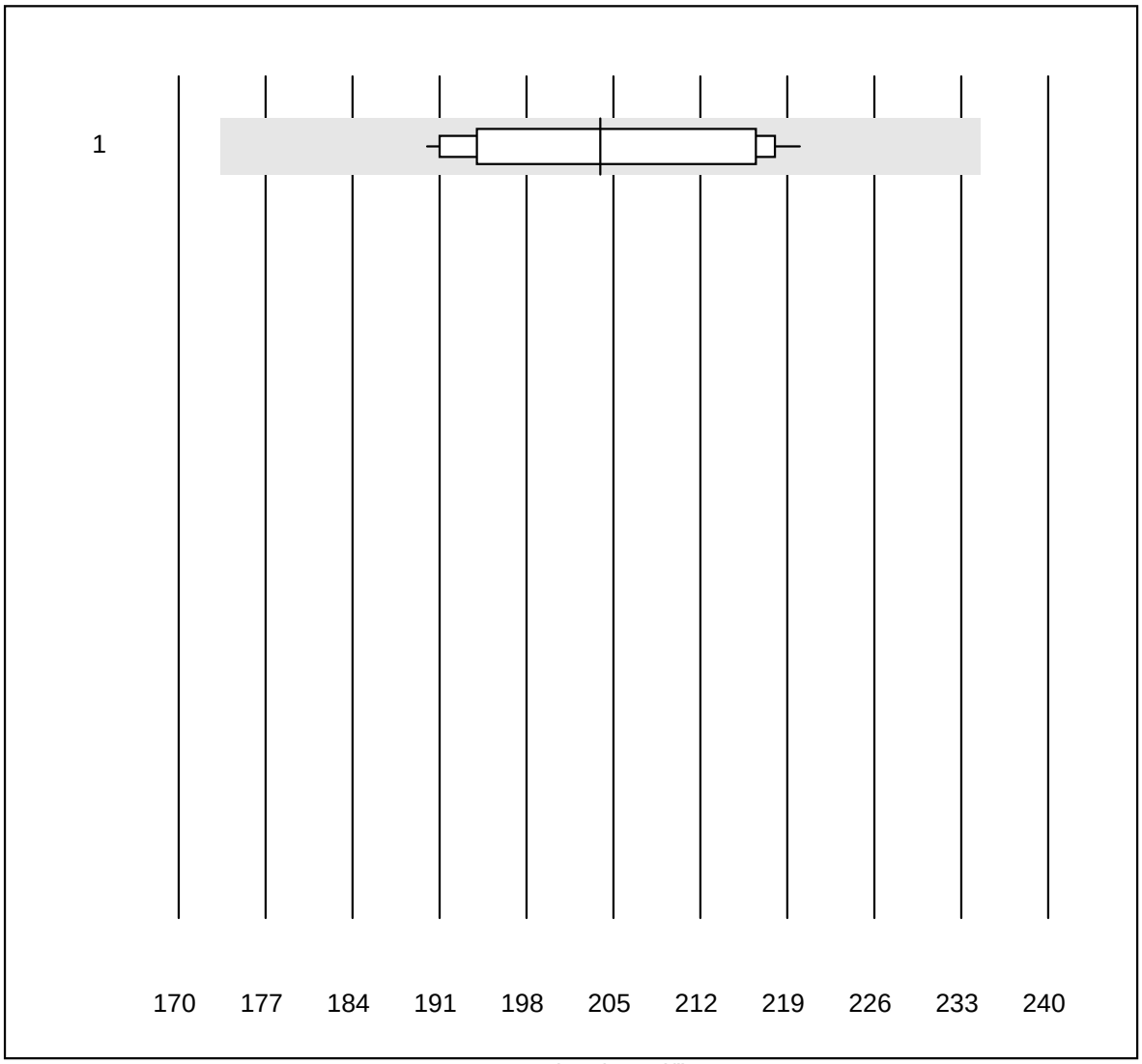


QUALAB tolerance : 15 %

Sodium - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	18	100.0	0.0	0.0	126	1.5	e

Urea - Urine

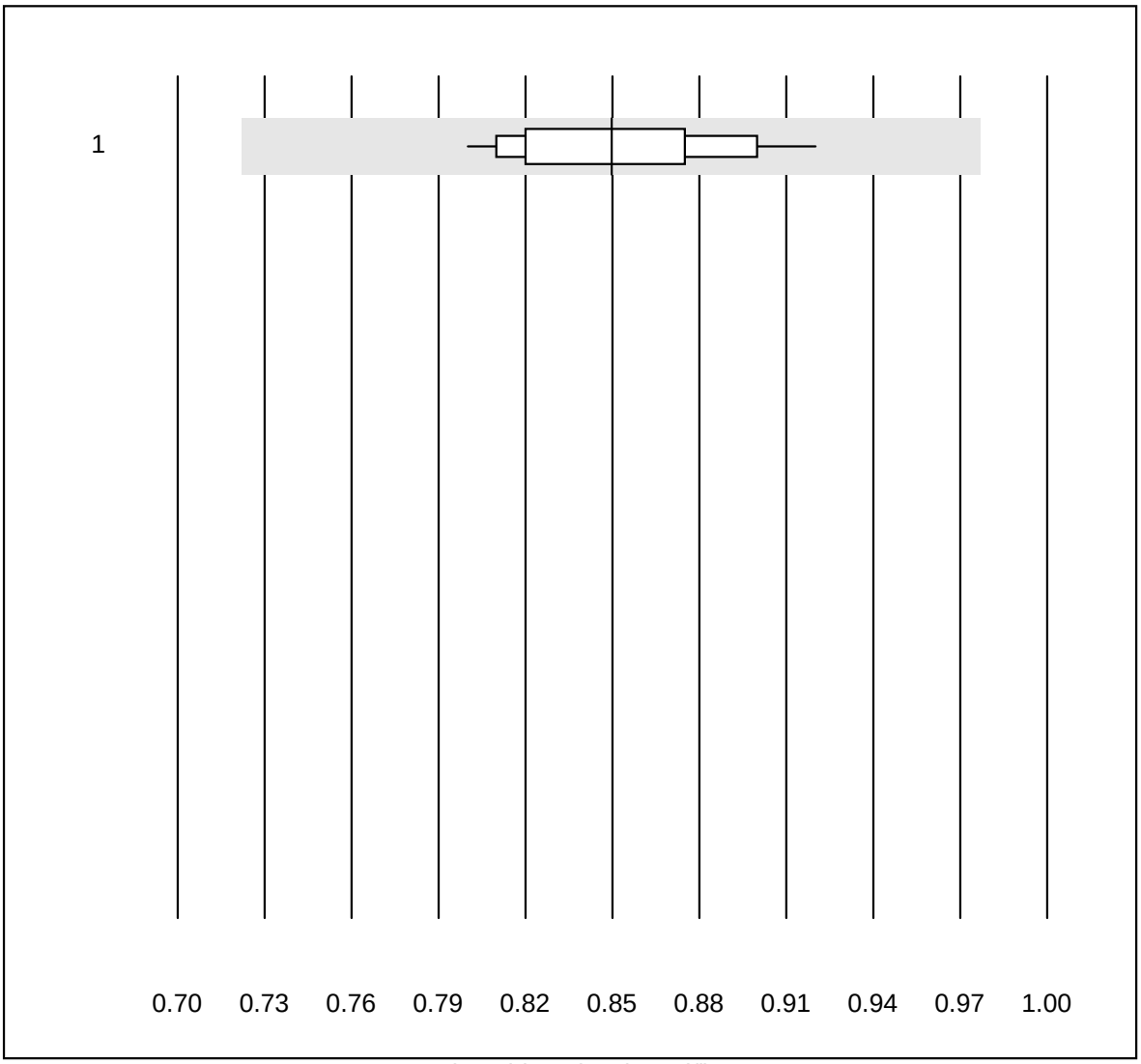


QUALAB tolerance : 15 %

Urea - Urine (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	14	100.0	0.0	0.0	204	5.3	e

Uric Acid - Urine

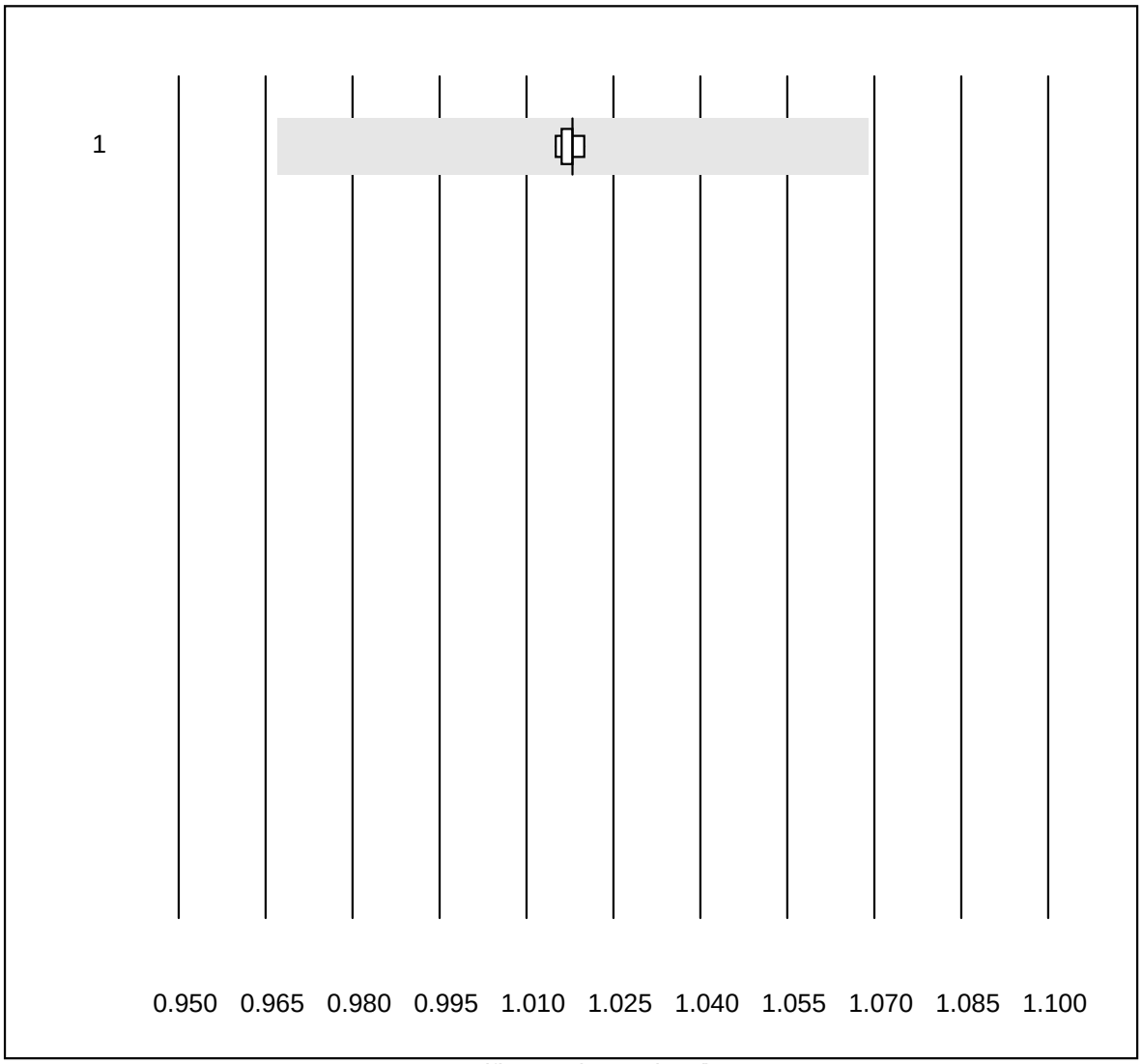


QUALAB tolerance : 15 %

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	0.85	4.4	e

Specific Gravity - Urine

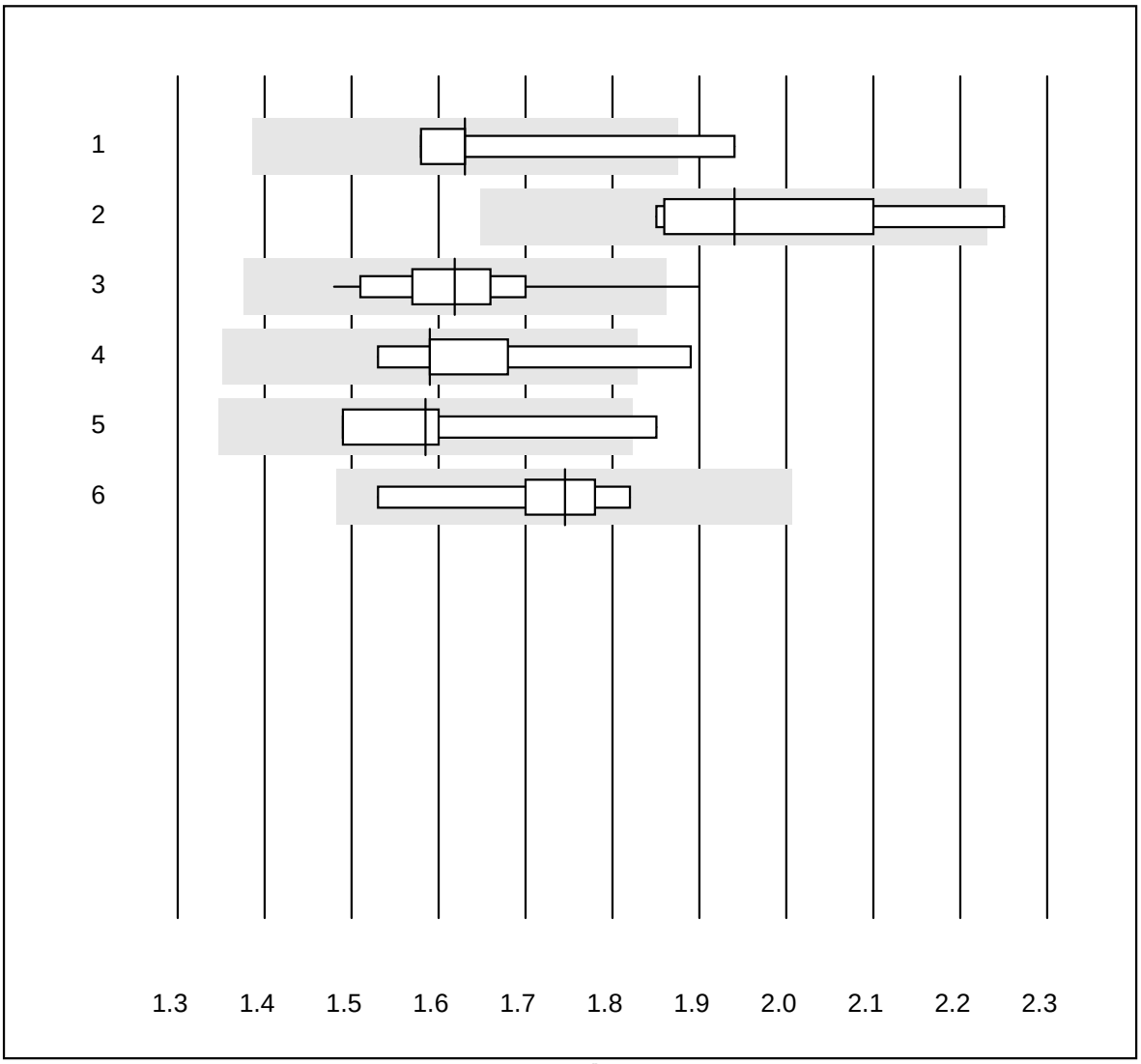


QUALAB tolerance : 5 %

Specific Gravity - Urine ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Refractometer	7	100.0	0.0	0.0	1.018	0.2	e

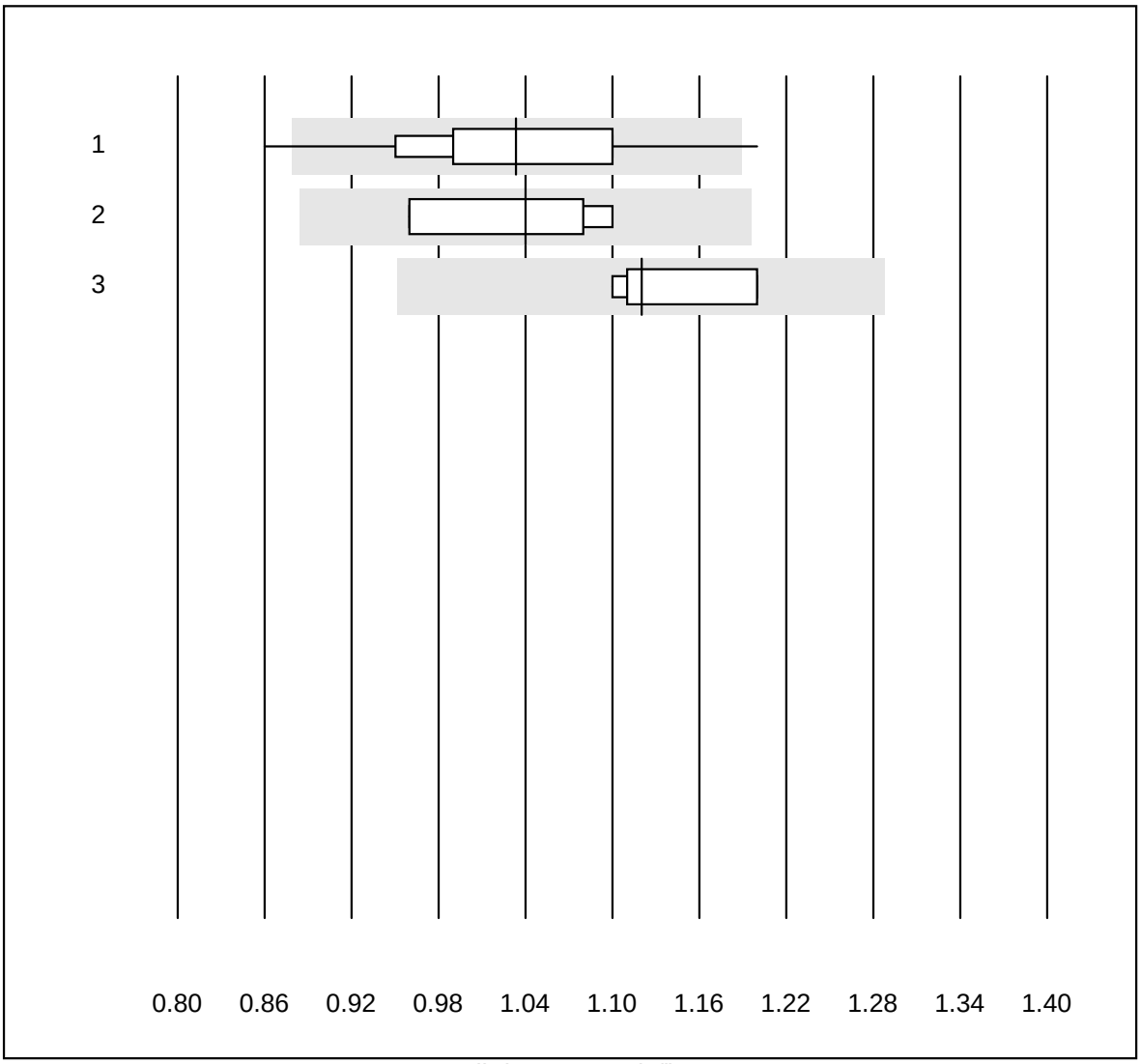
INR



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Thromborel S	4	75.0	25.0	0.0	1.63	9.7	e*
2	Neoplastin Plus	5	80.0	20.0	0.0	1.94	8.6	e*
3	Innovin	17	94.1	5.9	0.0	1.62	6.0	e
4	Recombiplastin IL	5	80.0	20.0	0.0	1.59	8.5	e*
5	Other methods	4	75.0	25.0	0.0	1.59	9.6	e*
6	Neoplastin R	8	100.0	0.0	0.0	1.75	5.2	e*

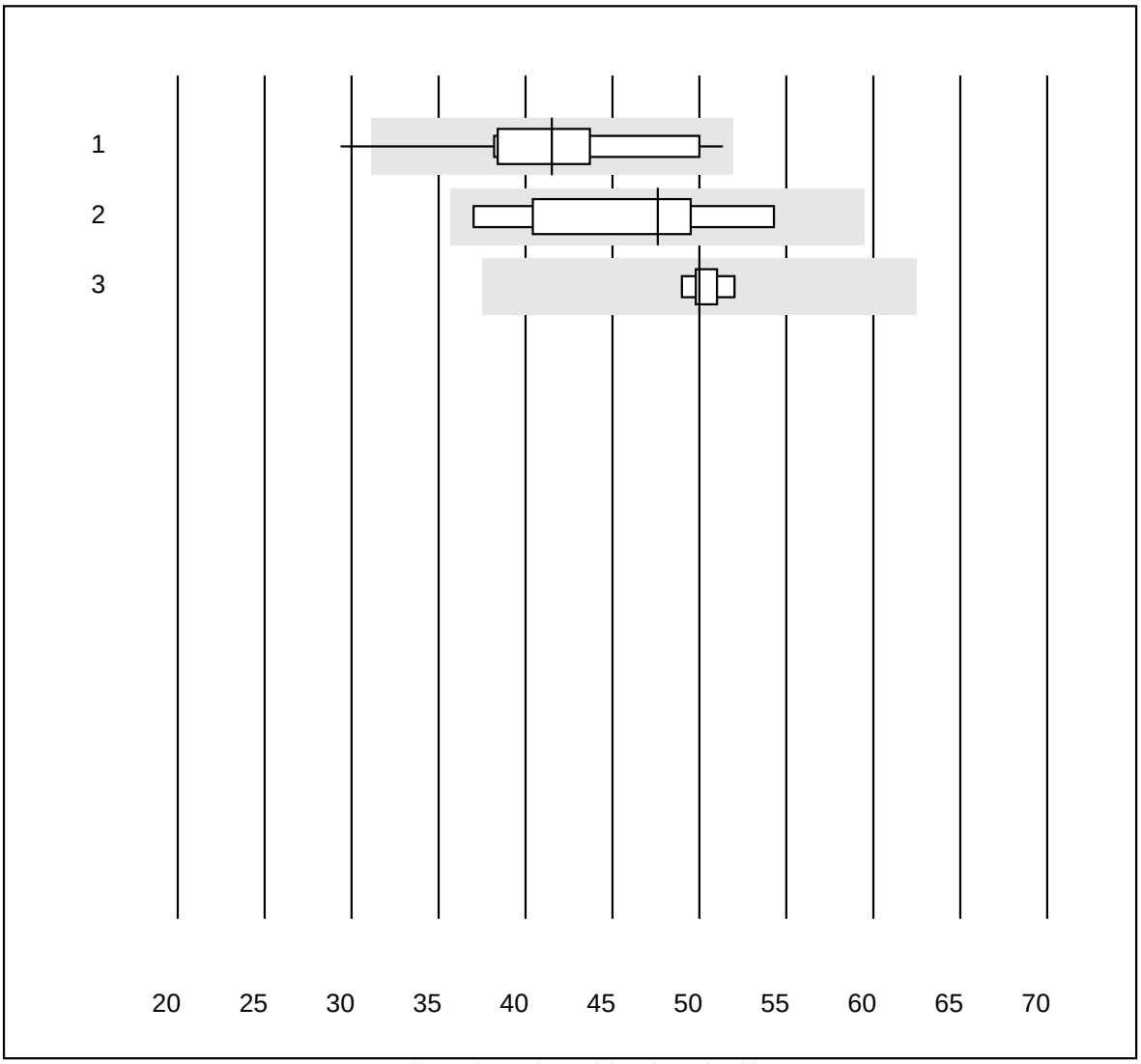
Fibrinogen OA



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	11	81.8	18.2	0.0	1.03	8.7	e*
2	Siemens Thrombin	4	100.0	0.0	0.0	1.04	6.4	e*
3	Stago/STA	7	100.0	0.0	0.0	1.12	3.7	e

Activated Prothrombin Time

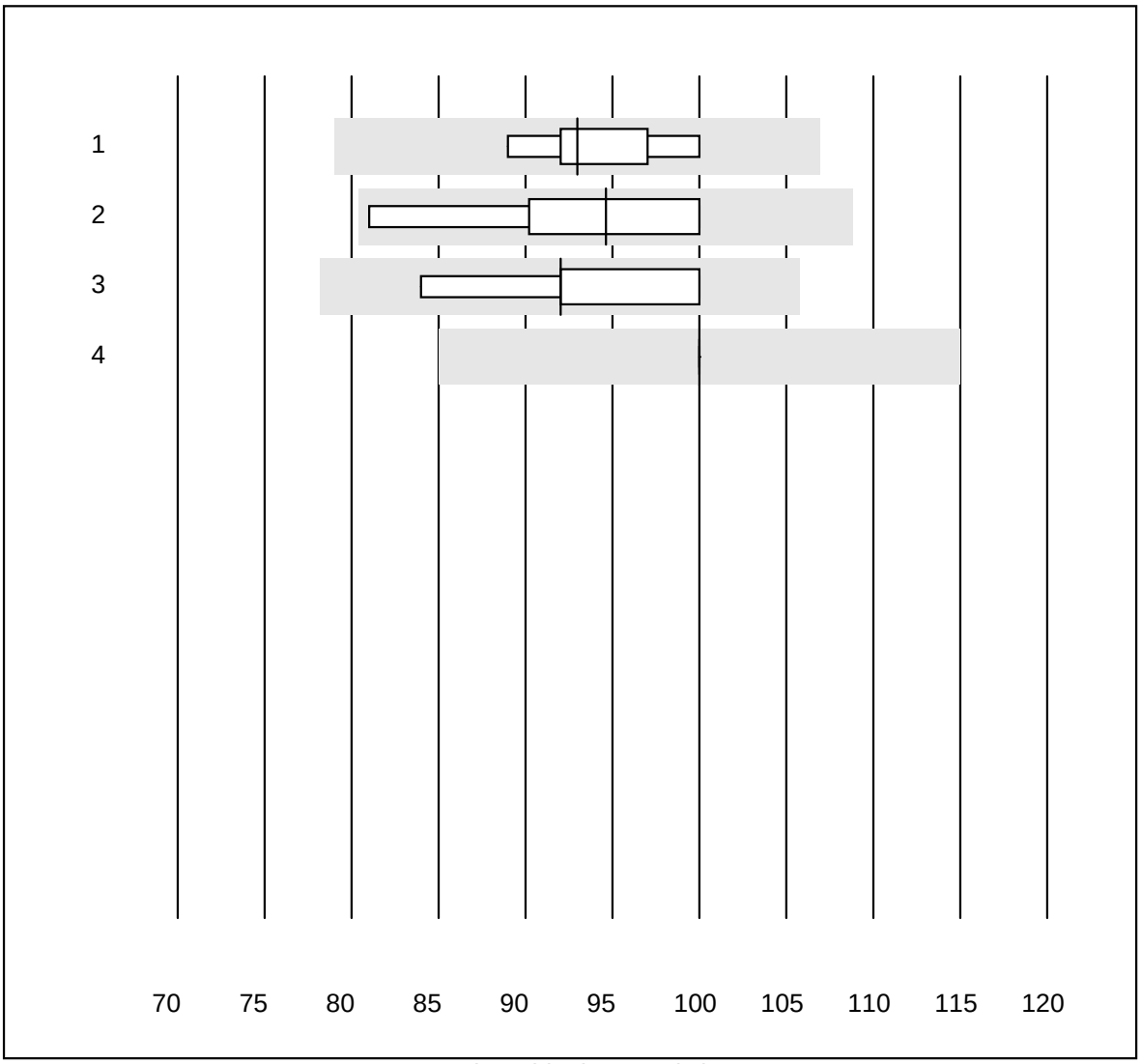


QUALAB tolerance : 25 %

Activated Prothrombin Time (Sek)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	14	85.8	7.1	7.1	41.5	13.4	e*
2	Actin FS	8	100.0	0.0	0.0	47.6	12.1	e*
3	Stago/STA	6	100.0	0.0	0.0	50.0	2.1	e

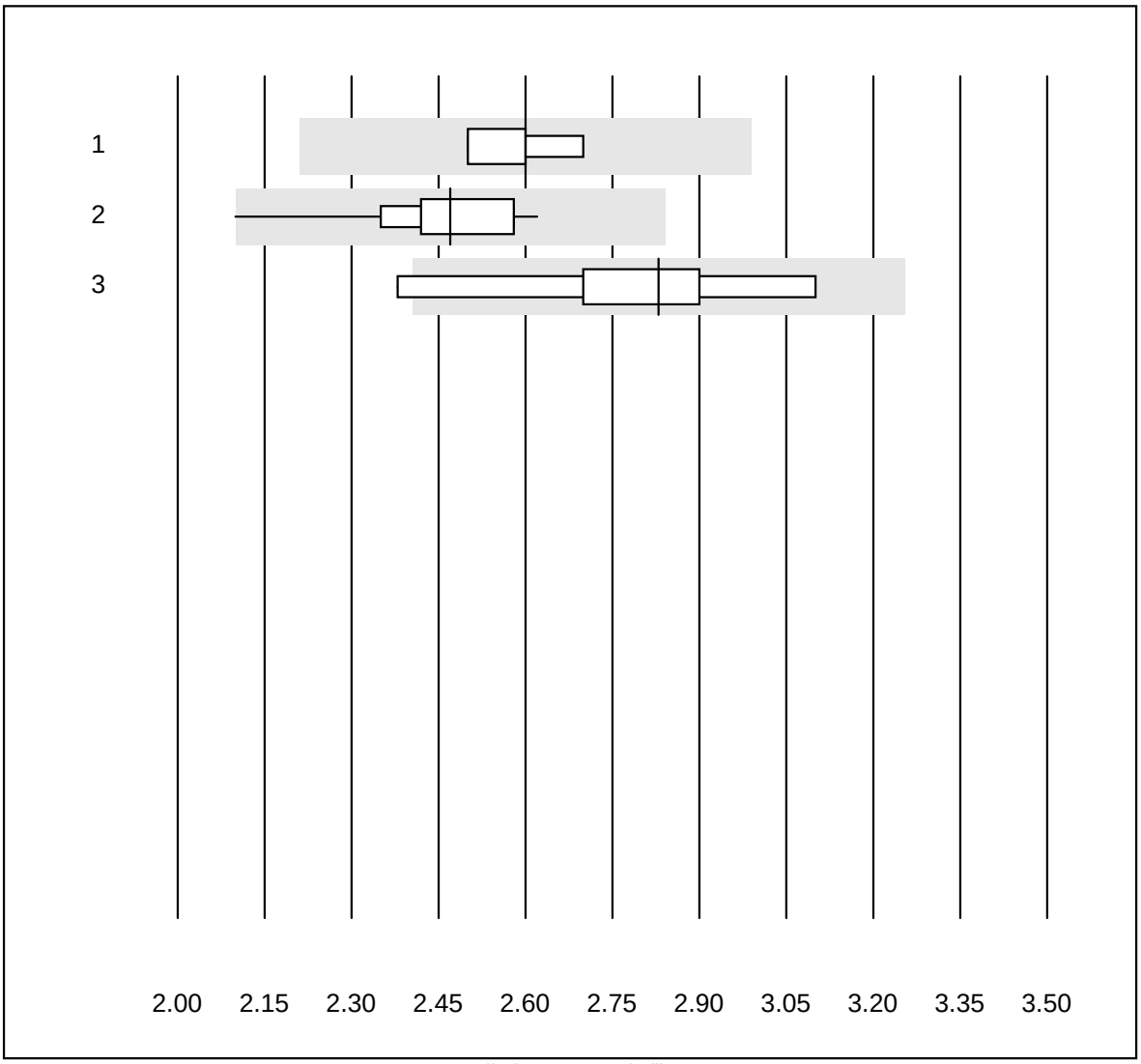
Prothrombin time NT



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	5	100.0	0.0	0.0	93	4.6	e*
2	Innovin	10	100.0	0.0	0.0	95	6.8	e*
3	all Participants	5	100.0	0.0	0.0	92	7.2	e*
4	Recombiplastin IL	6	100.0	0.0	0.0	100	0.0	e

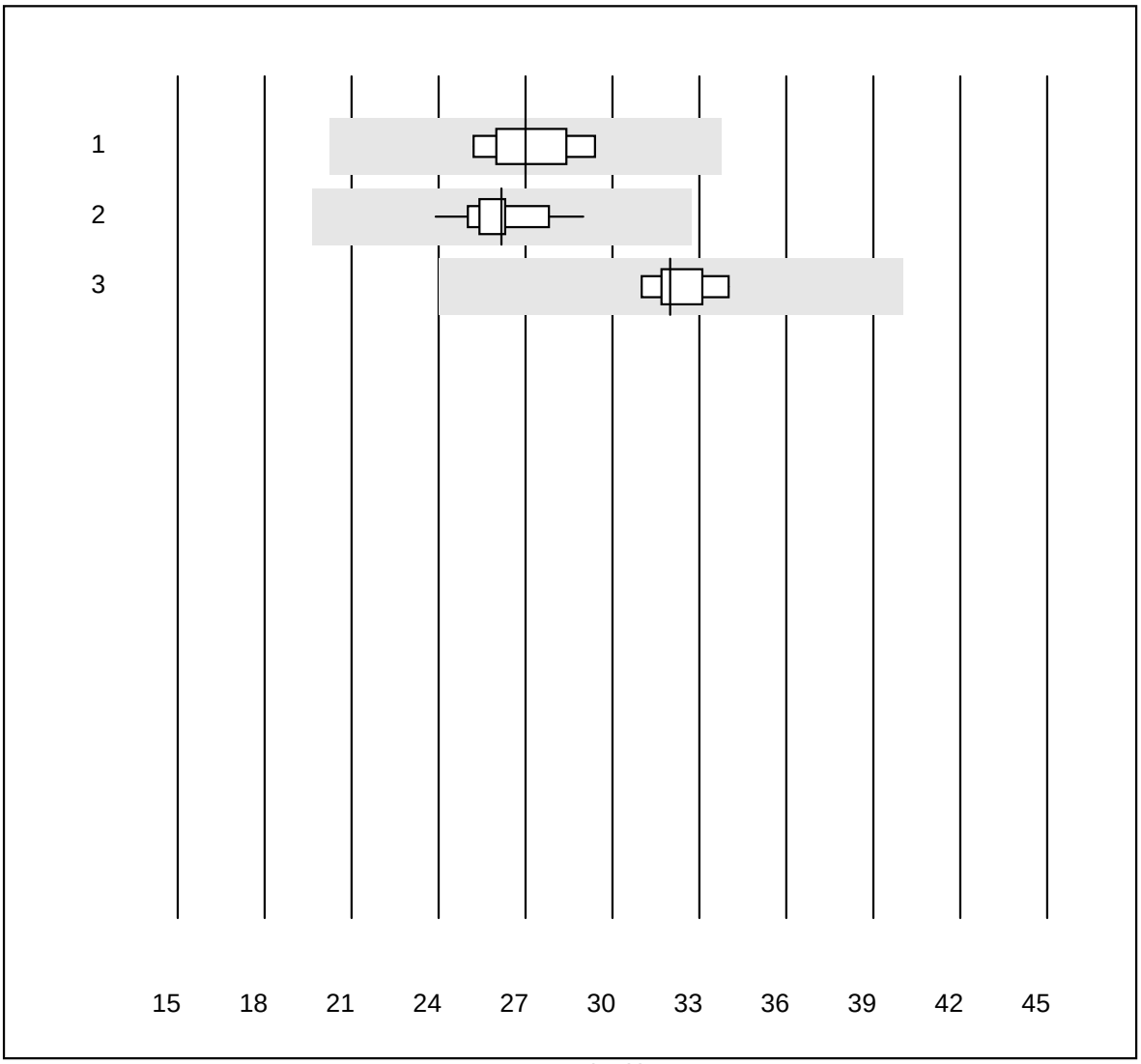
Fibrinogen N



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	4	100.0	0.0	0.0	2.60	3.1	e
2	Other methods	12	100.0	0.0	0.0	2.47	5.7	e
3	Stago/STA	8	87.5	12.5	0.0	2.83	7.4	e*

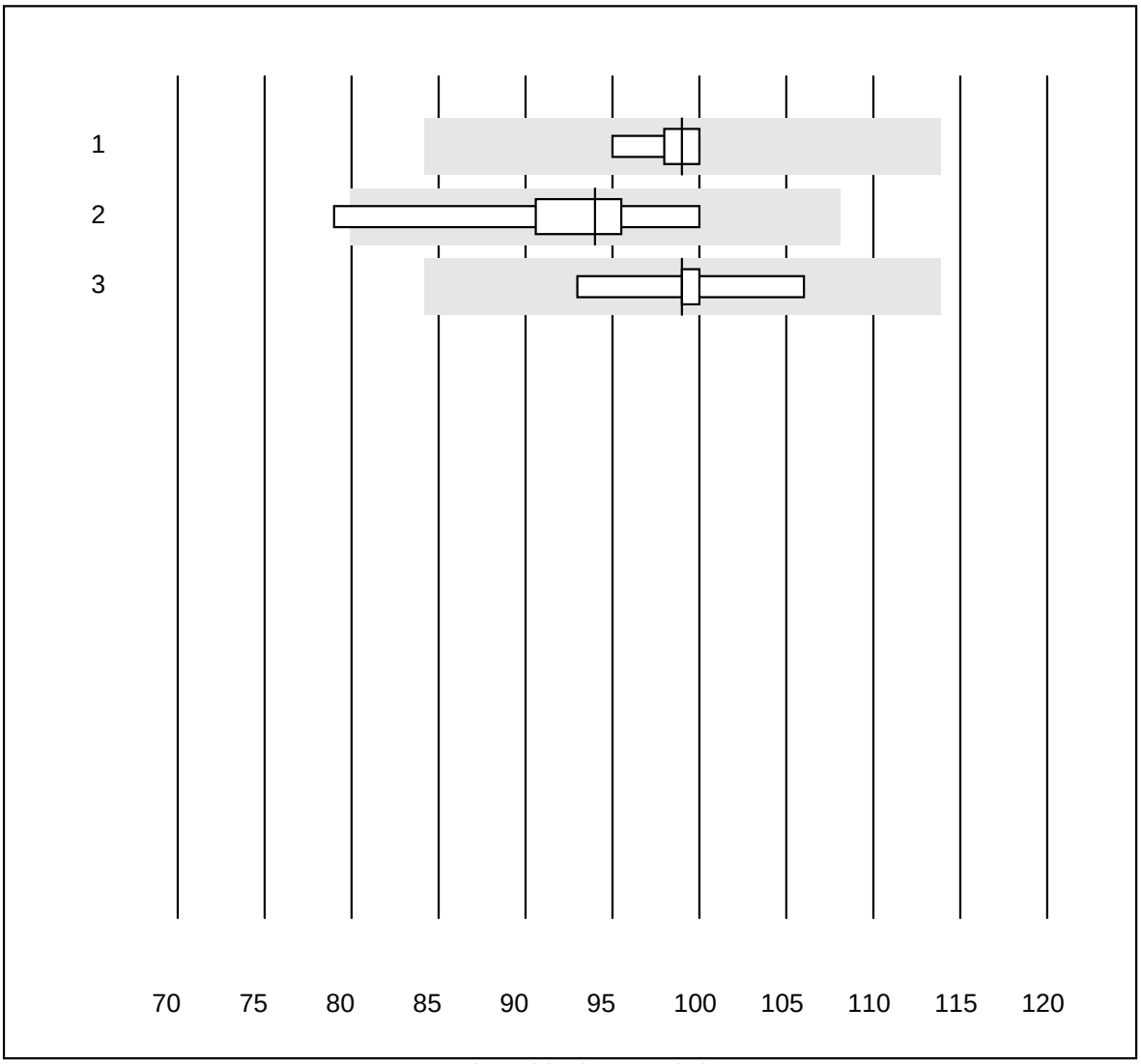
aPTT N



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	9	88.9	0.0	11.1	27.0	5.3	e
2	Other methods	12	100.0	0.0	0.0	26.2	5.0	e
3	Stago/STA	7	100.0	0.0	0.0	32.0	3.2	e

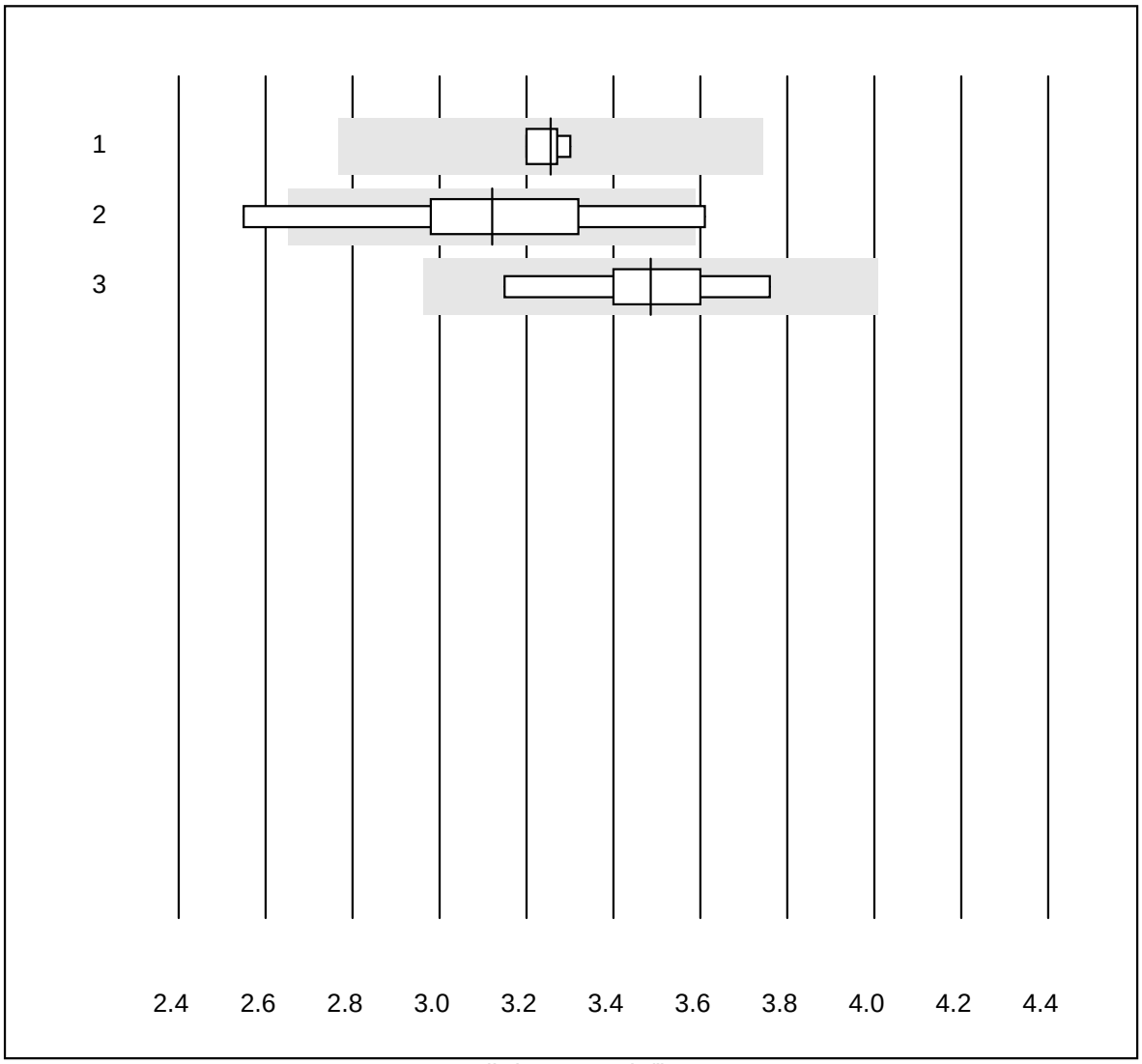
Prothrombin time HT



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Neoplastin R	5	100.0	0.0	0.0	99	2.1	e
2	Innovin	9	88.9	11.1	0.0	94	7.0	e*
3	Recombiplastin IL	5	100.0	0.0	0.0	99	4.6	e*

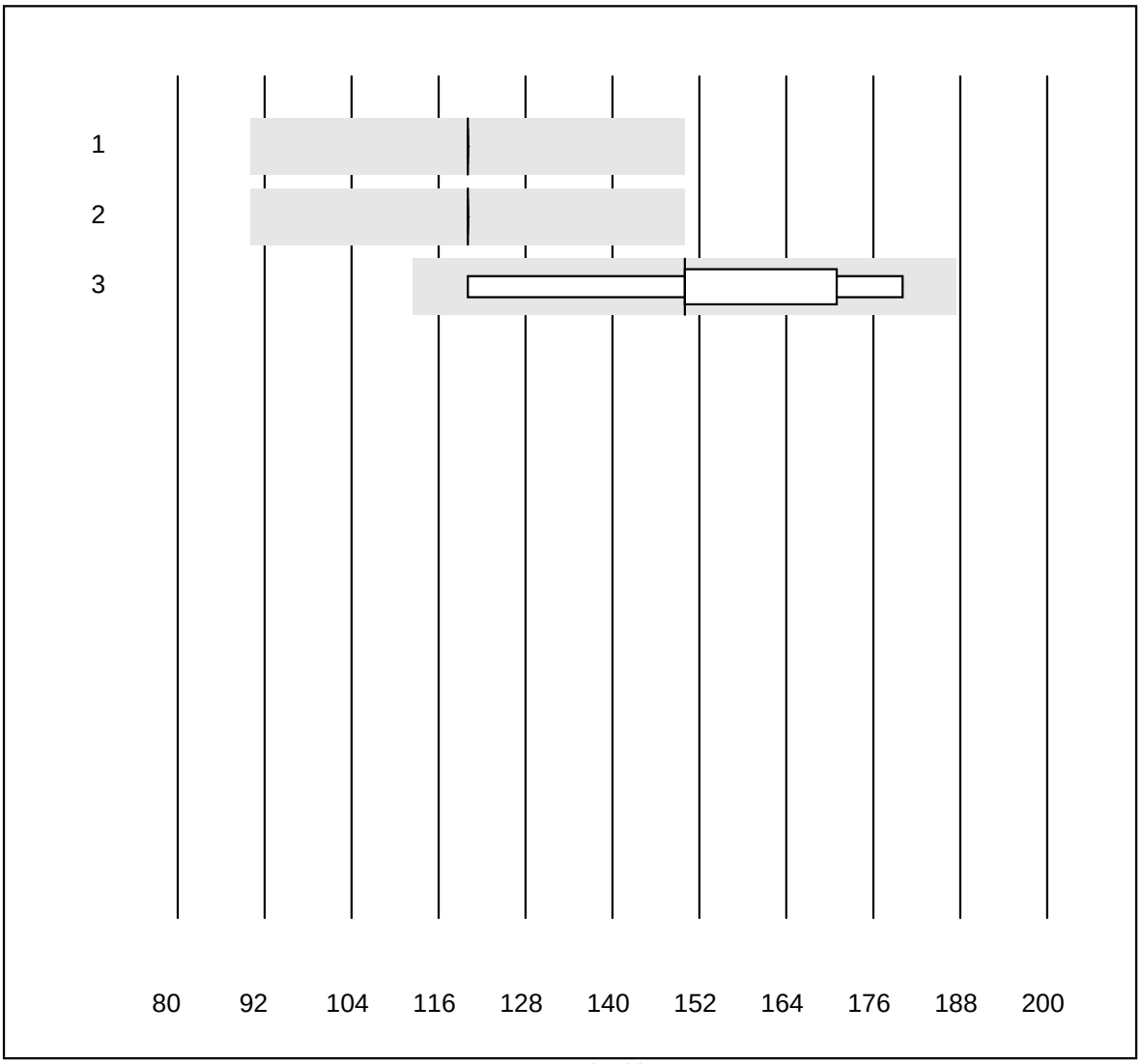
Fibrinogen H



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Thrombin	4	100.0	0.0	0.0	3.26	1.3	e
2	Other methods	10	70.0	30.0	0.0	3.12	11.3	e*
3	Stago/STA	6	100.0	0.0	0.0	3.49	6.1	e*

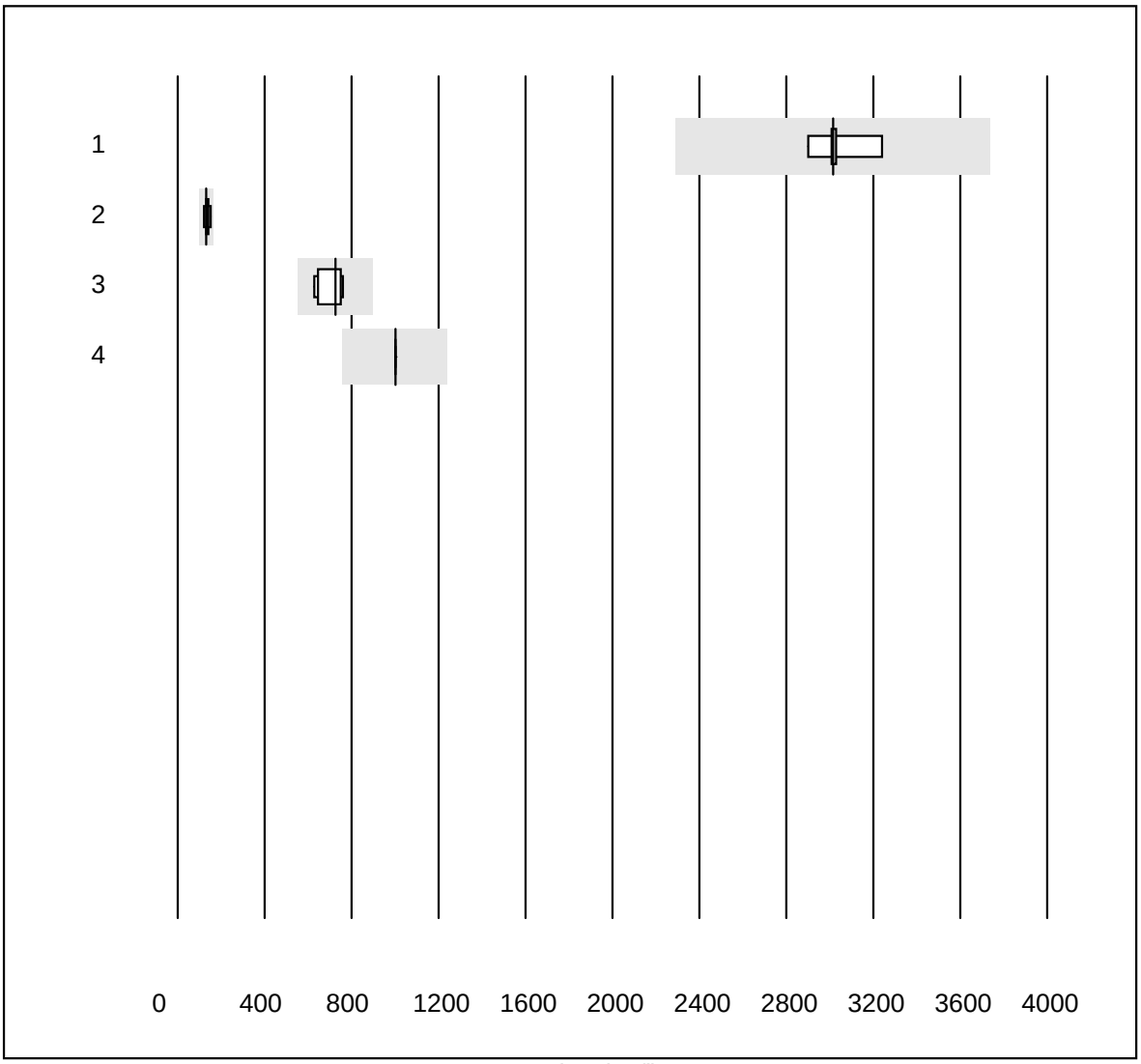
aPTT H



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Actin FS	7	100.0	0.0	0.0	120.0	0.0	e
2	Other methods	9	100.0	0.0	0.0	120.0	0.0	e
3	Stago/STA	5	100.0	0.0	0.0	150.0	15.0	e*

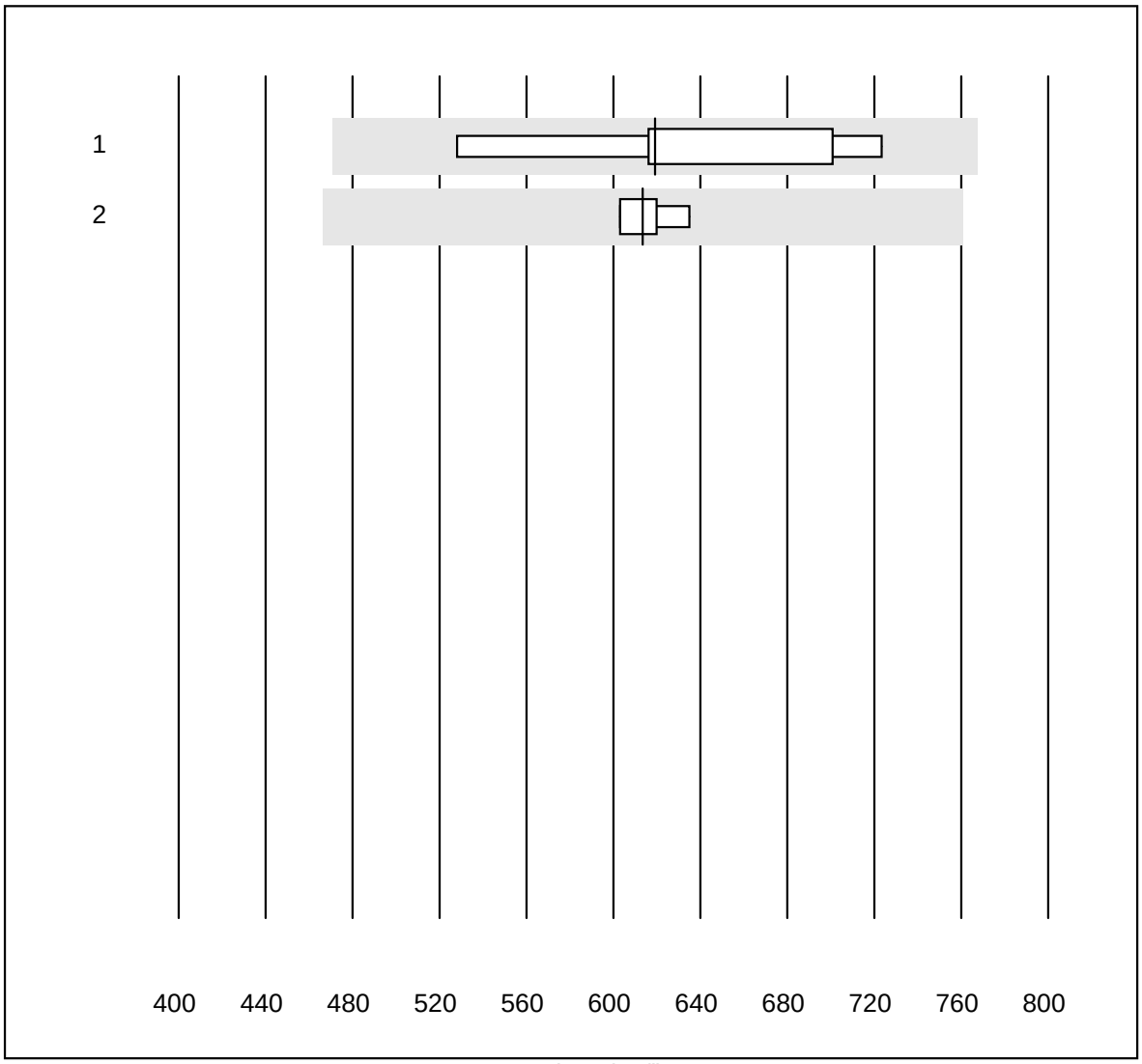
Troponin I



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Vidas	6	83.3	0.0	16.7	3015.0	4.1	e
2	AQT 90 FLEX	6	100.0	0.0	0.0	130.0	7.7	e*
3	ADVIA Centaur XP/CP	6	100.0	0.0	0.0	725.0	7.9	e*
4	Eurolyser	12	100.0	0.0	0.0	1000.0	0.0	e

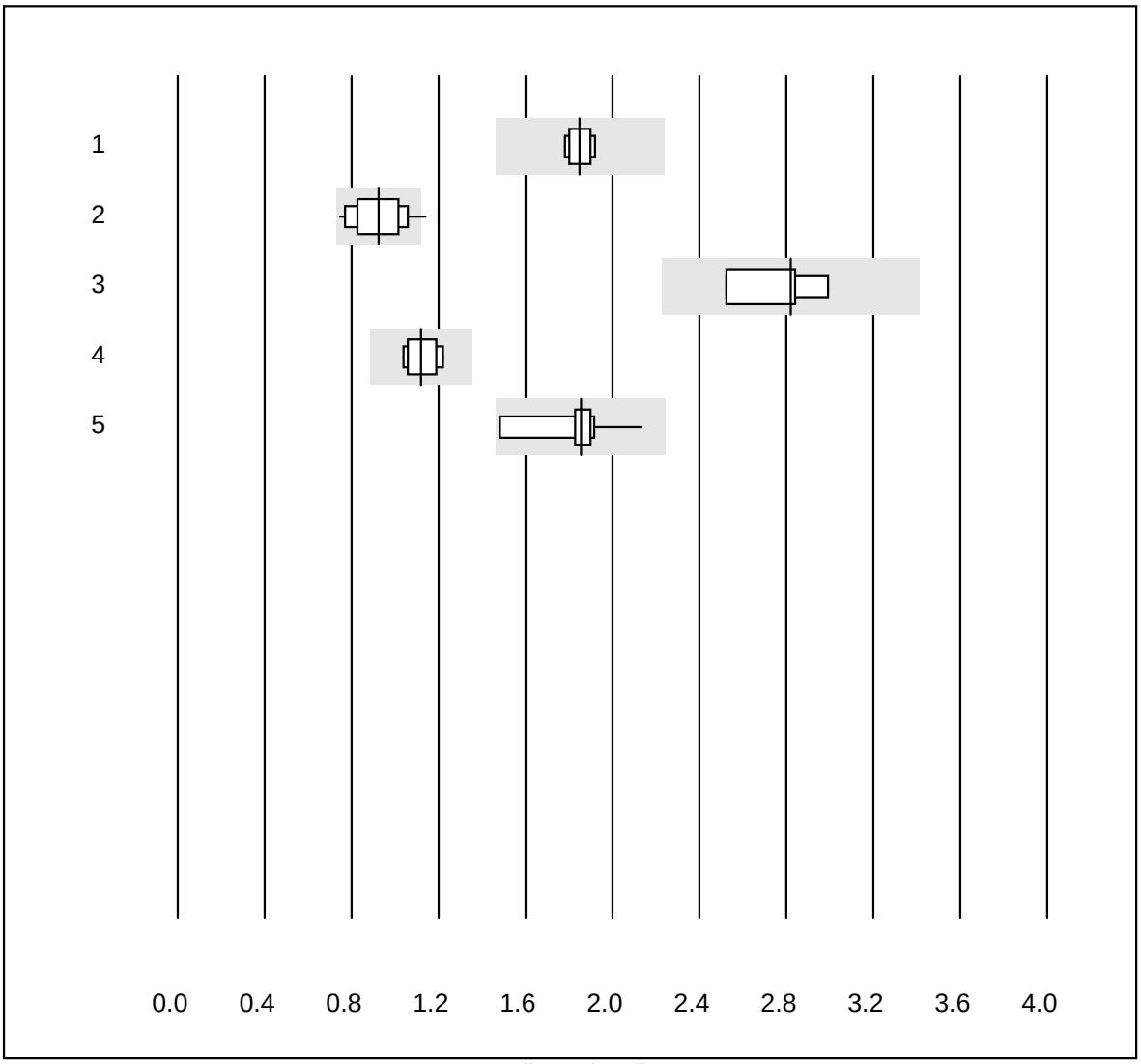
Troponin T



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas hs	5	100.0	0.0	0.0	619.00	12.2	e*
2	Cobas hs STAT	4	100.0	0.0	0.0	613.40	2.3	e

D-dimer

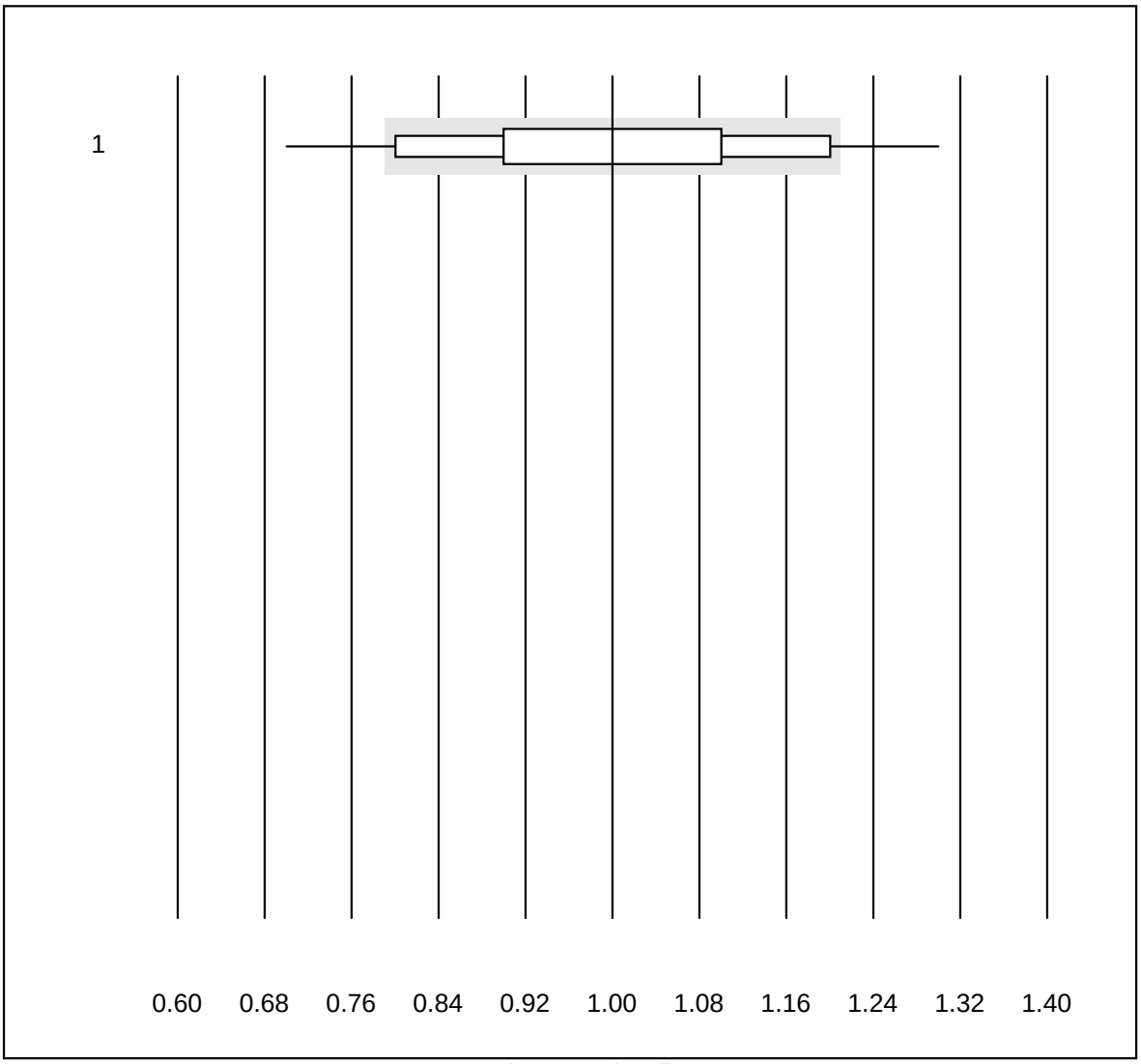


QUALAB tolerance : 21 %

D-dimer (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	STA Liatest	7	100.0	0.0	0.0	1.85	2.8	e
2	Eurolyser	23	82.7	4.3	13.0	0.93	12.9	e*
3	ACL	4	100.0	0.0	0.0	2.82	7.0	e*
4	AQT 90 FLEX	7	100.0	0.0	0.0	1.12	6.0	e
5	Vidas	10	100.0	0.0	0.0	1.86	8.6	e*

D-Dimer NC

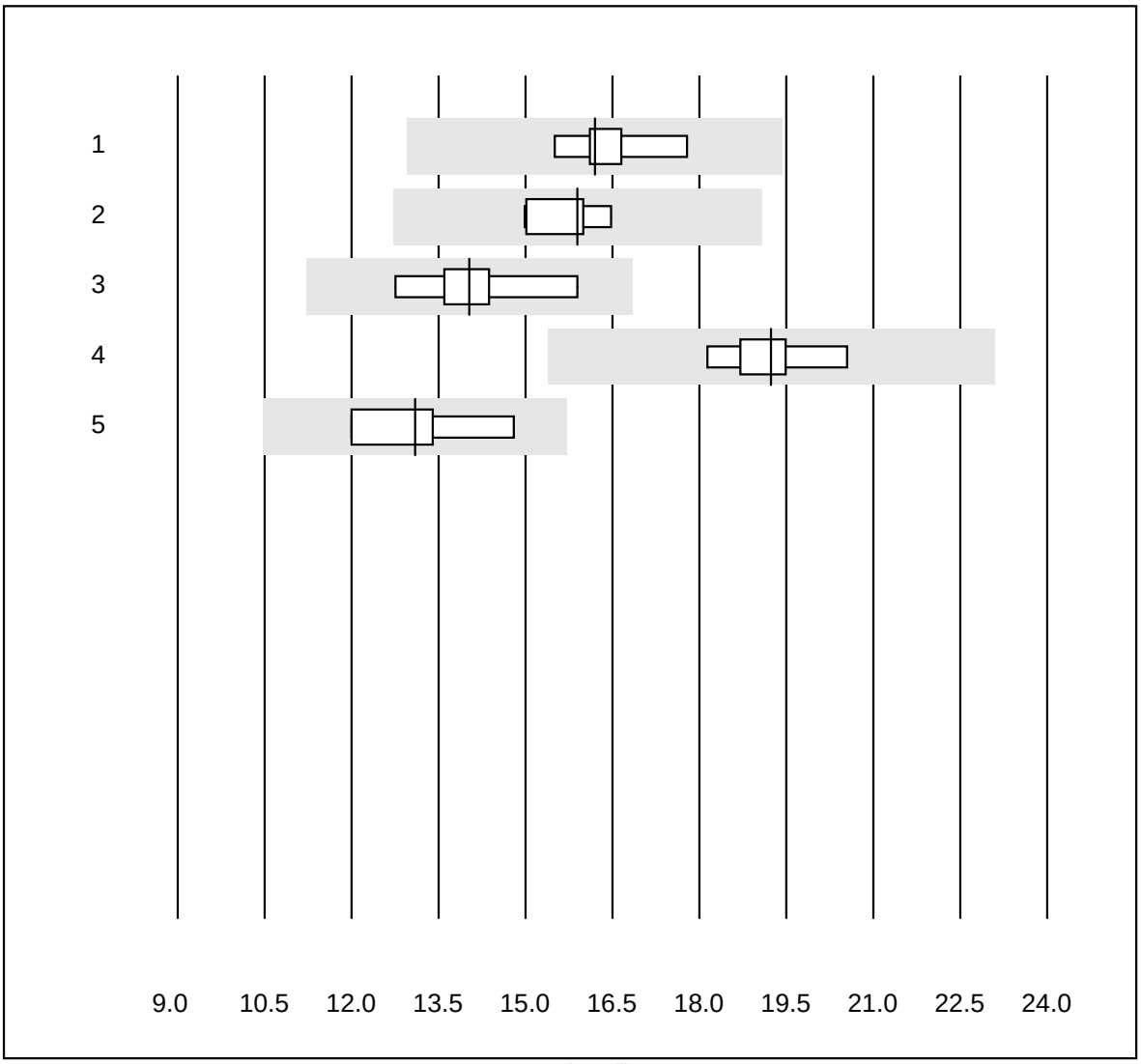


QUALAB tolerance : 21 %

D-Dimer NC (mg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	NycoCard	37	78.4	10.8	10.8	1.00	16.5	e*

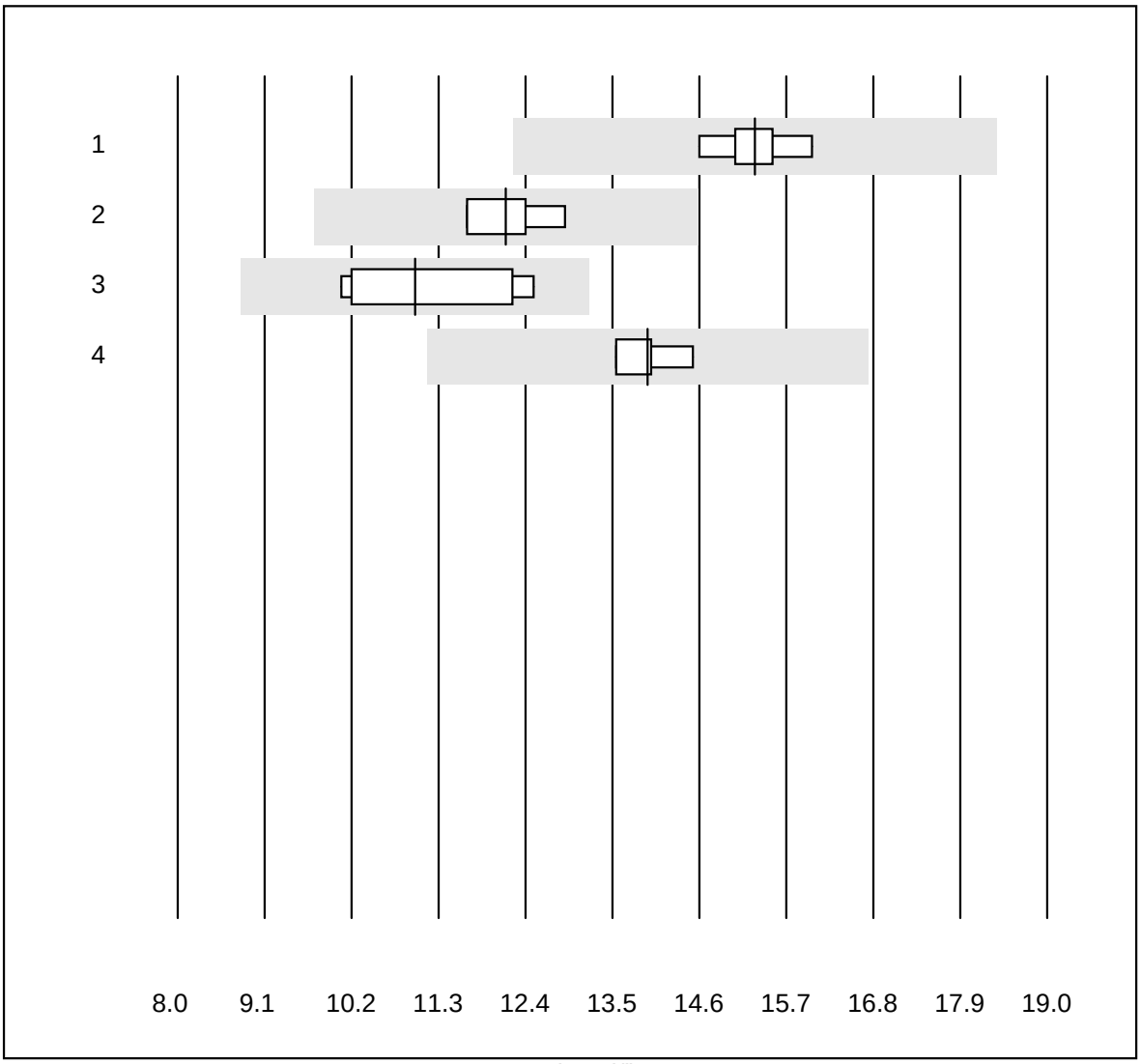
TSH



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	9	100.0	0.0	0.0	16.2	4.1	e
2	ADVIA Centaur XP/CP	5	100.0	0.0	0.0	15.9	4.2	e
3	Architect	8	100.0	0.0	0.0	14.0	6.6	e
4	Vidas	9	100.0	0.0	0.0	19.2	4.2	e
5	Qualigen	4	100.0	0.0	0.0	13.1	8.9	e*

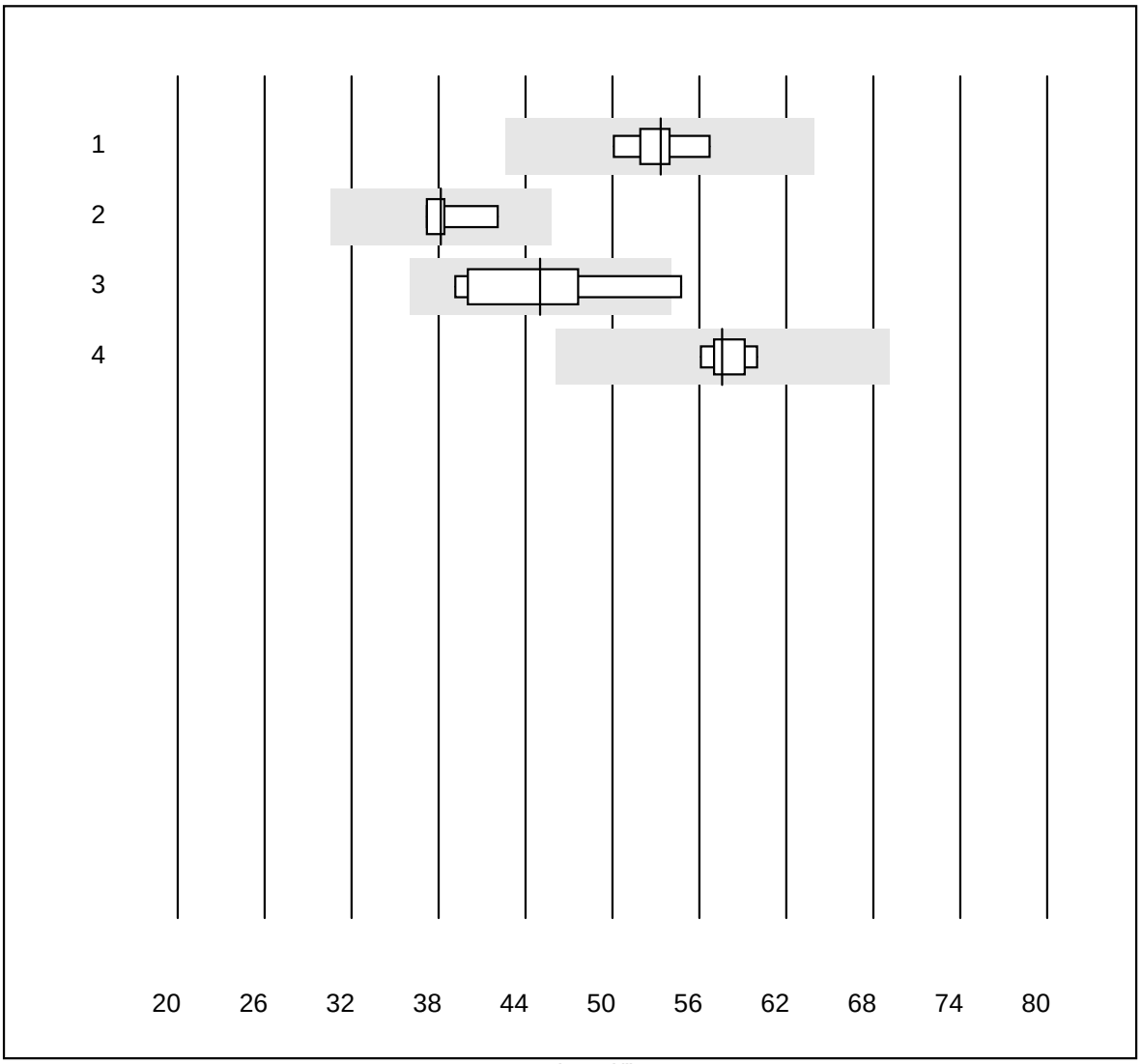
FT3



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	9	100.0	0.0	0.0	15.3	3.1	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	12.2	4.5	e
3	Architect	7	100.0	0.0	0.0	11.0	8.5	e*
4	Vidas	4	100.0	0.0	0.0	13.9	2.9	e

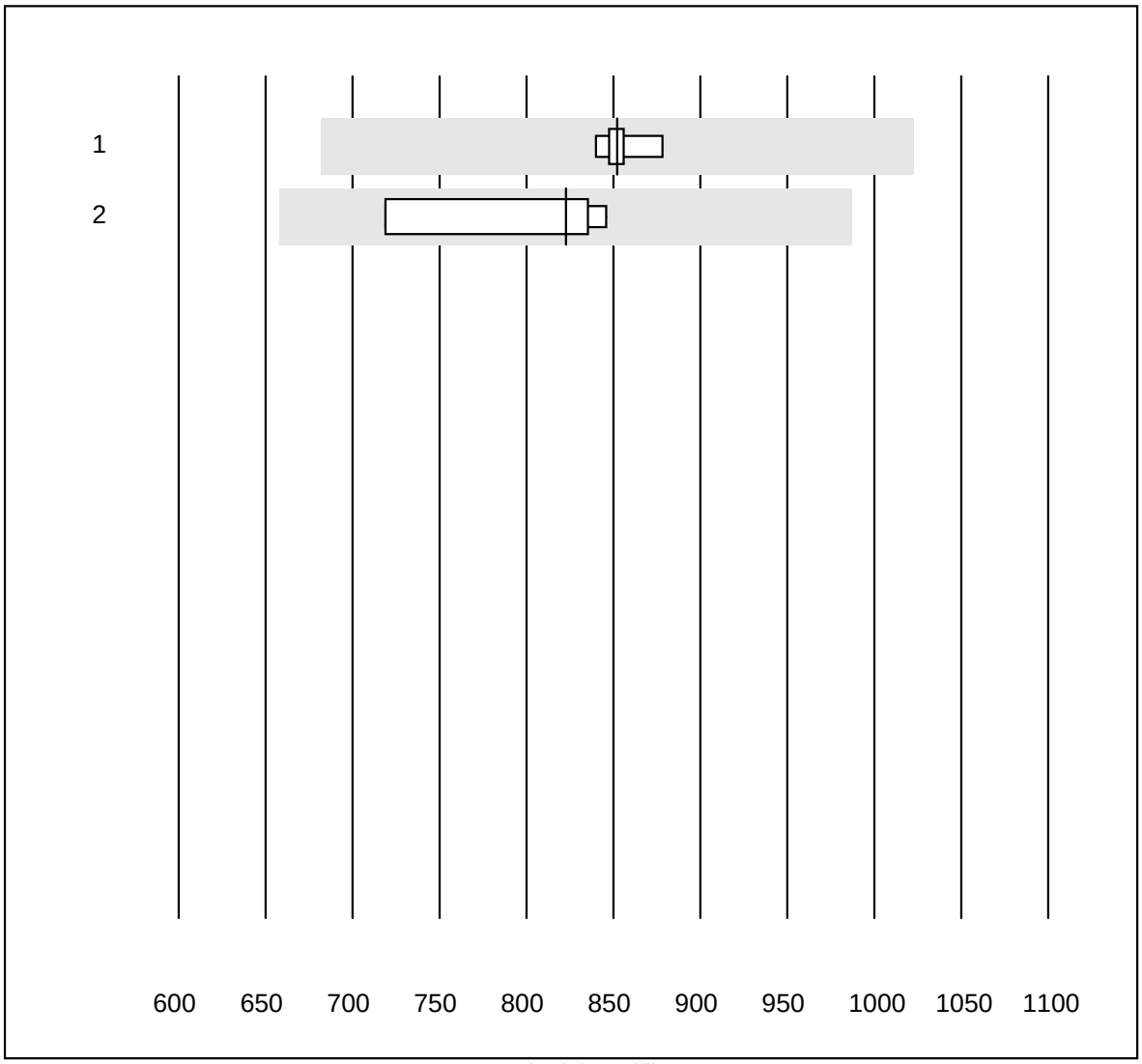
FT4



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	10	100.0	0.0	0.0	53.3	4.0	e
2	ADVIA Centaur XP	4	100.0	0.0	0.0	38.2	5.6	e*
3	Architect	8	75.0	12.5	12.5	45.0	11.8	e*
4	Vidas	6	100.0	0.0	0.0	57.6	2.5	e

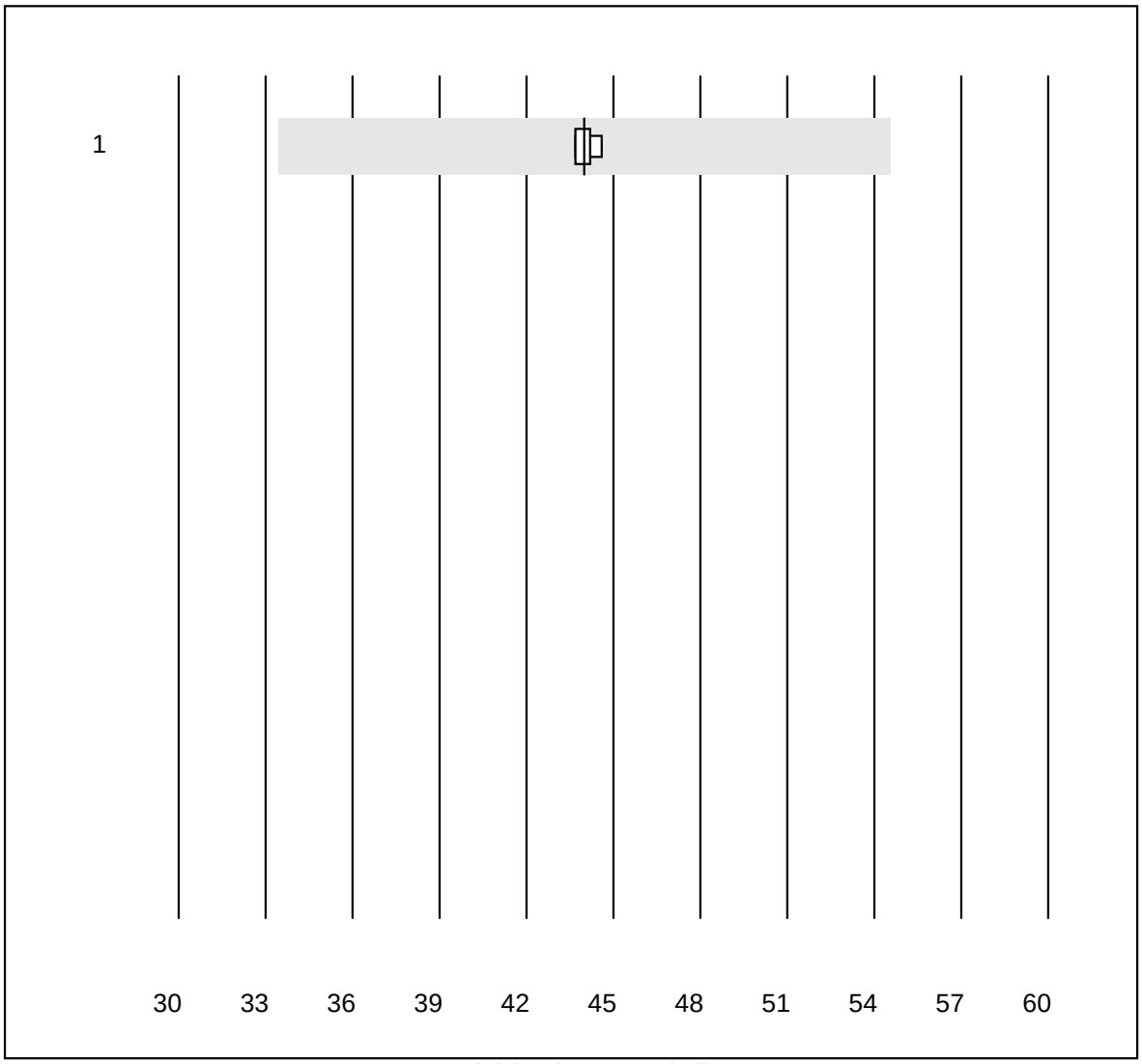
Cortisol



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	852	1.5	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	823	7.2	e*

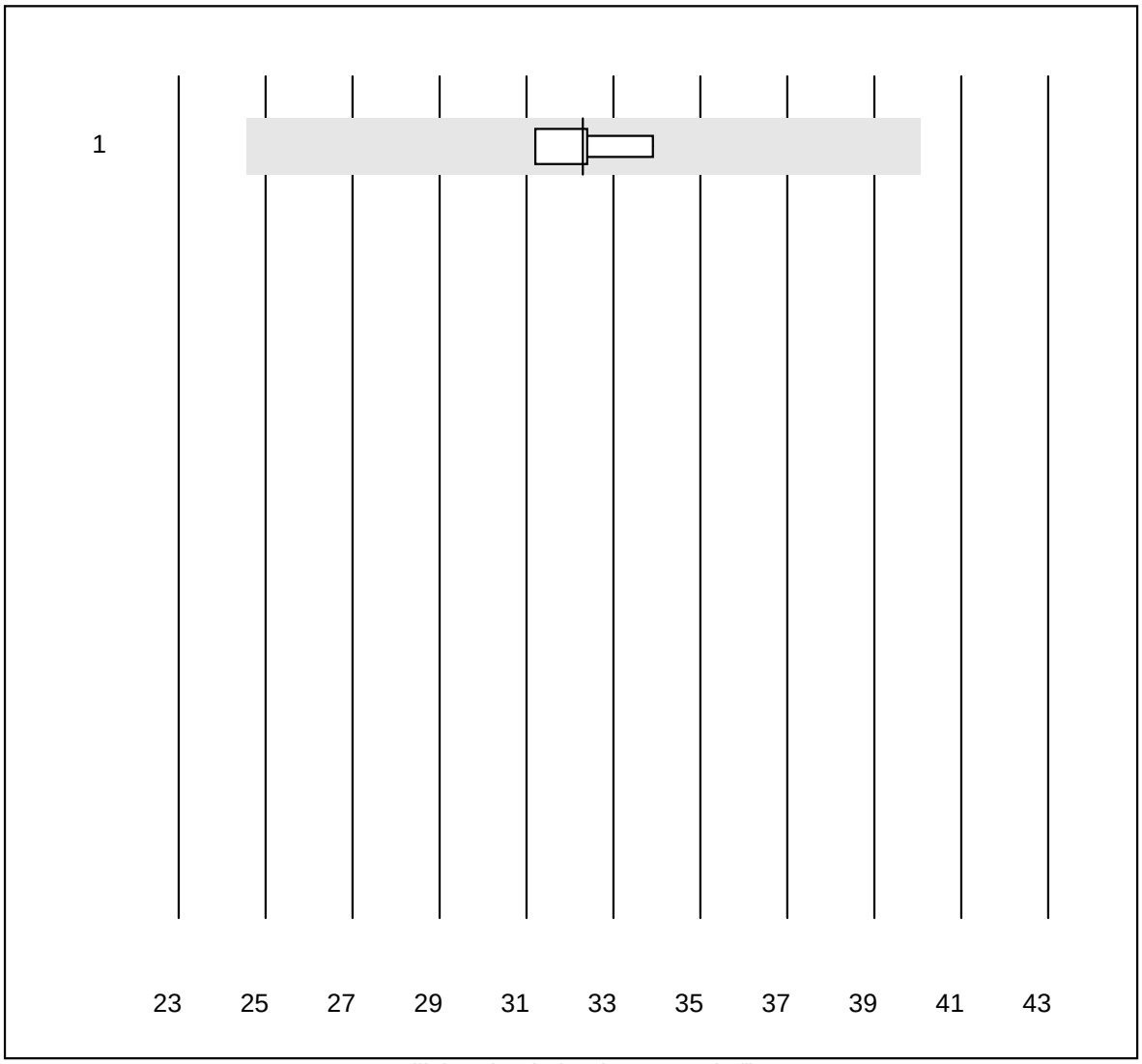
Luteinizing hormone



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	44.0	0.9	e

Follicle-stimulating hormone

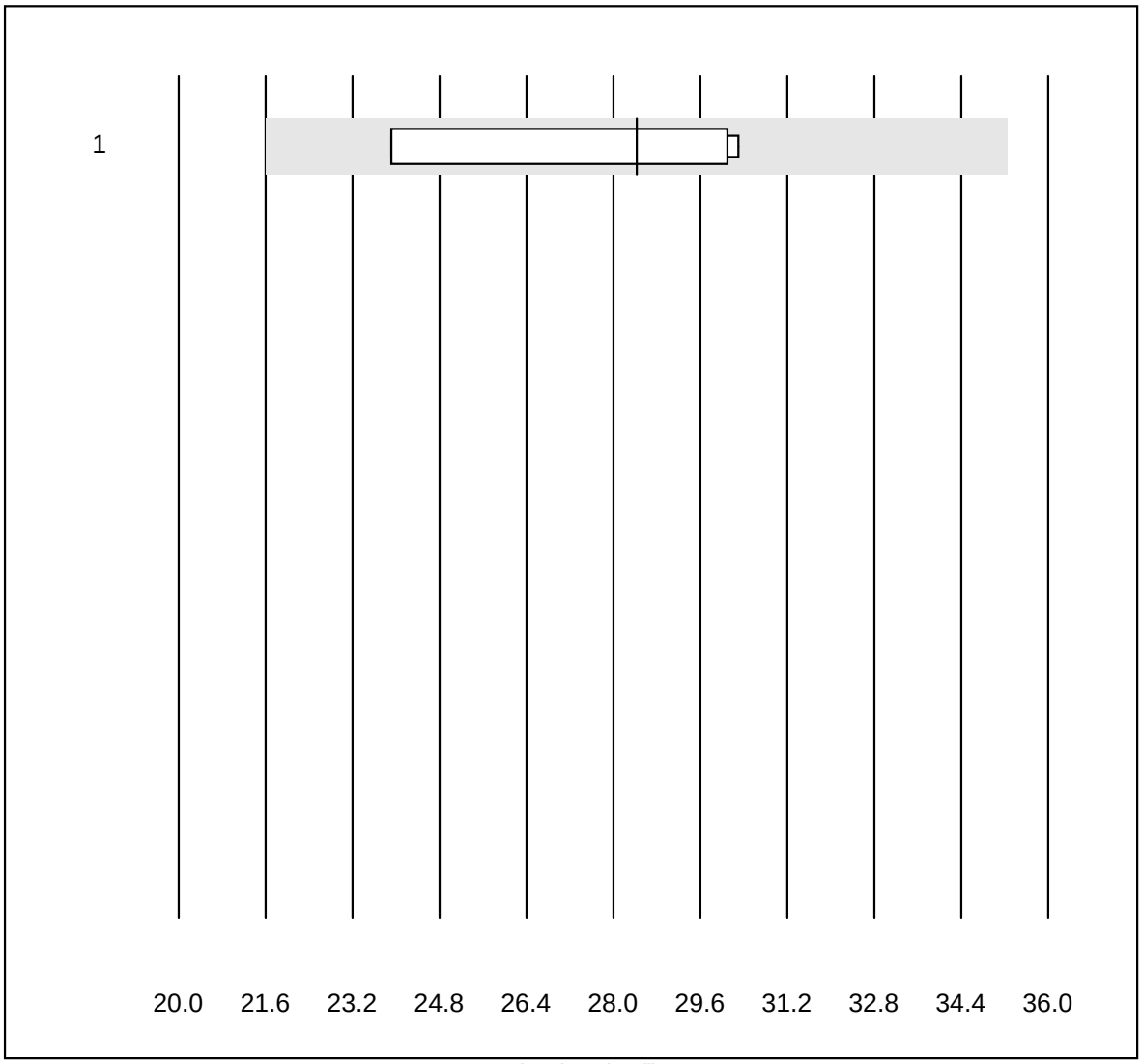


QUALAB tolerance : 24 %

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	32.3	3.4	e

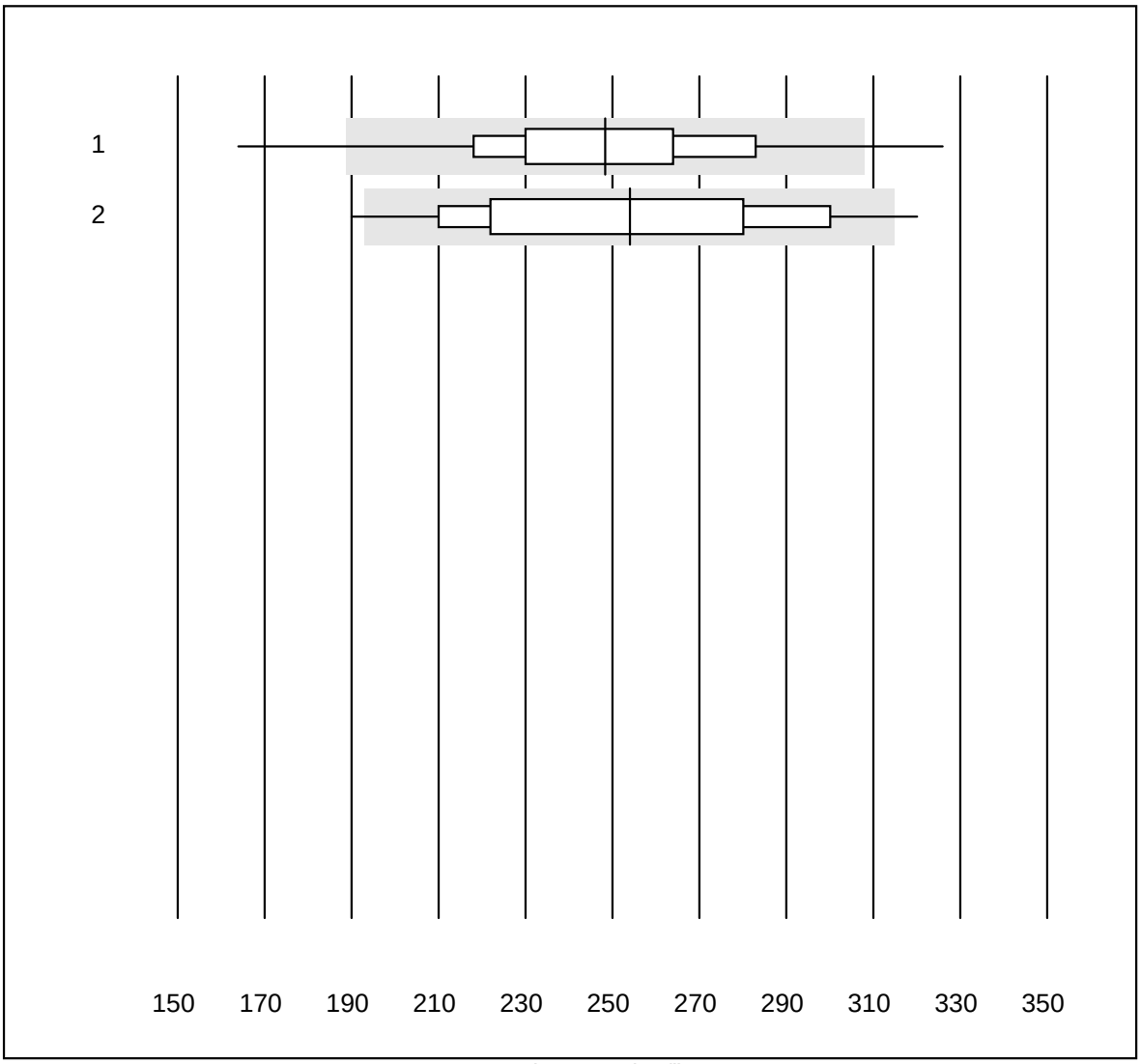
Prolactine



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	28.4	11.0	e*

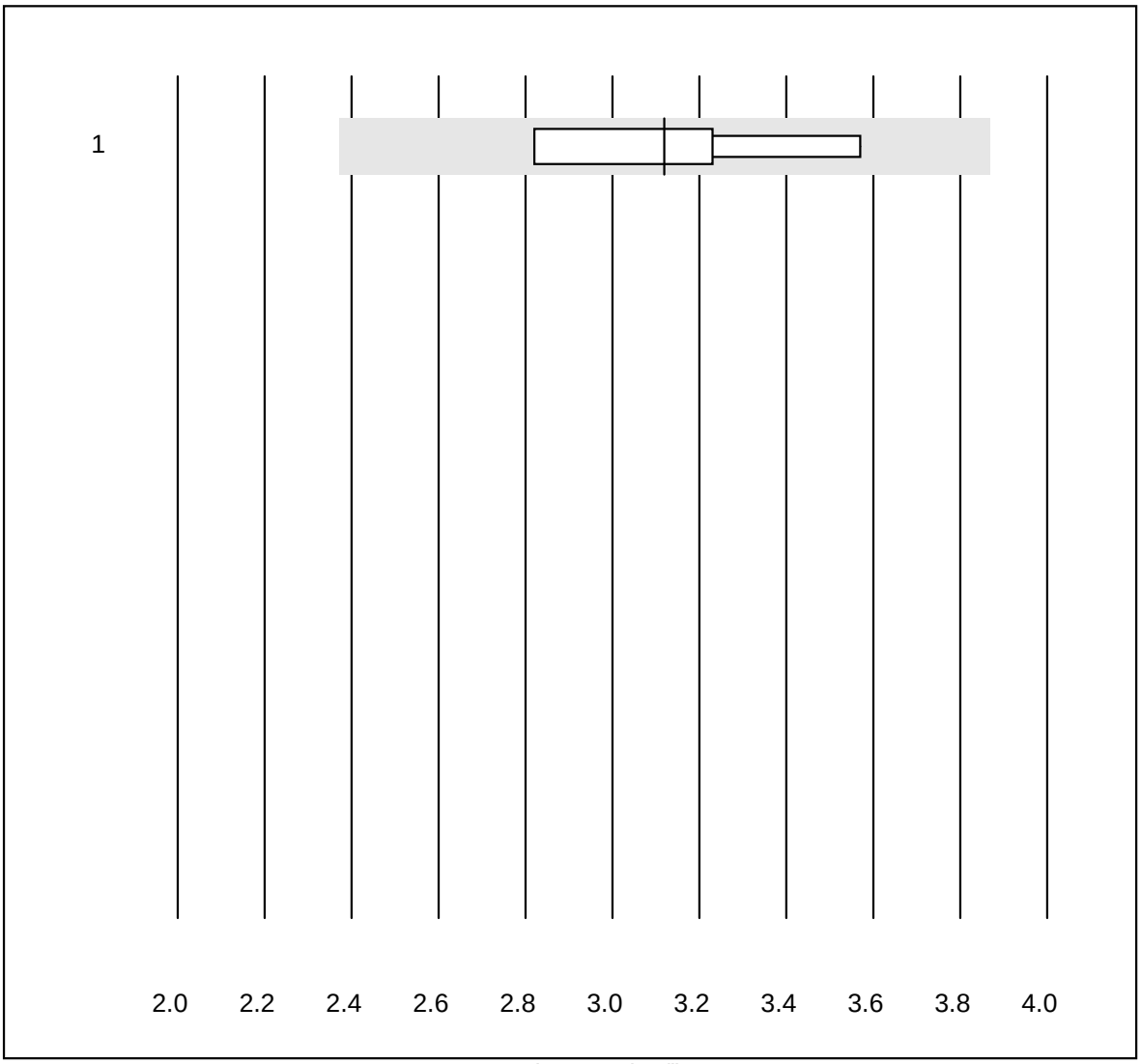
Troponin T CR



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	765	96.2	3.0	0.8	248.32	10.4	e
2	Cardiac Reader	62	95.2	3.2	1.6	253.98	13.6	e

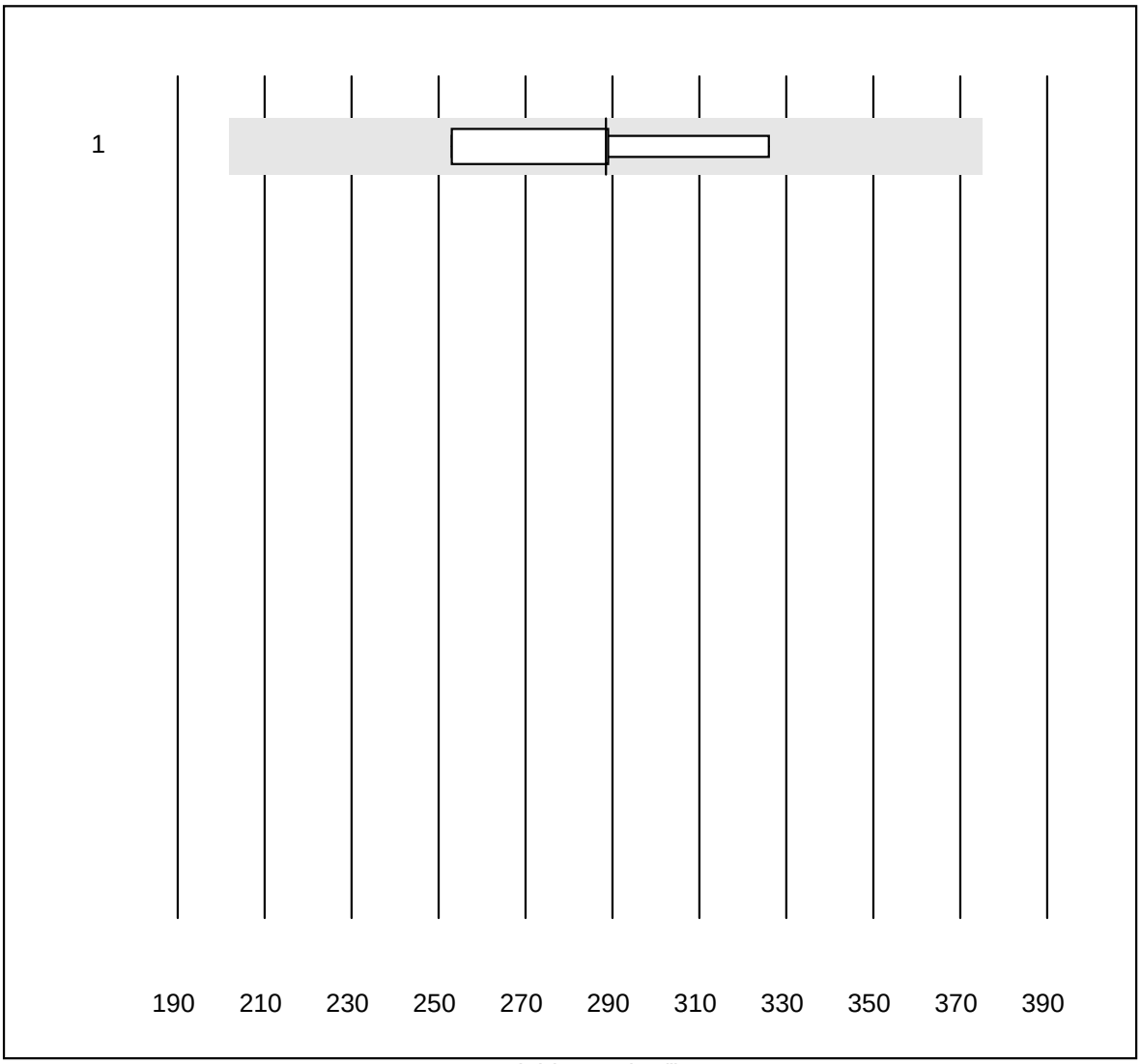
Troponin I WB



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	iStat	4	100.0	0.0	0.0	3.12	10.2	e*

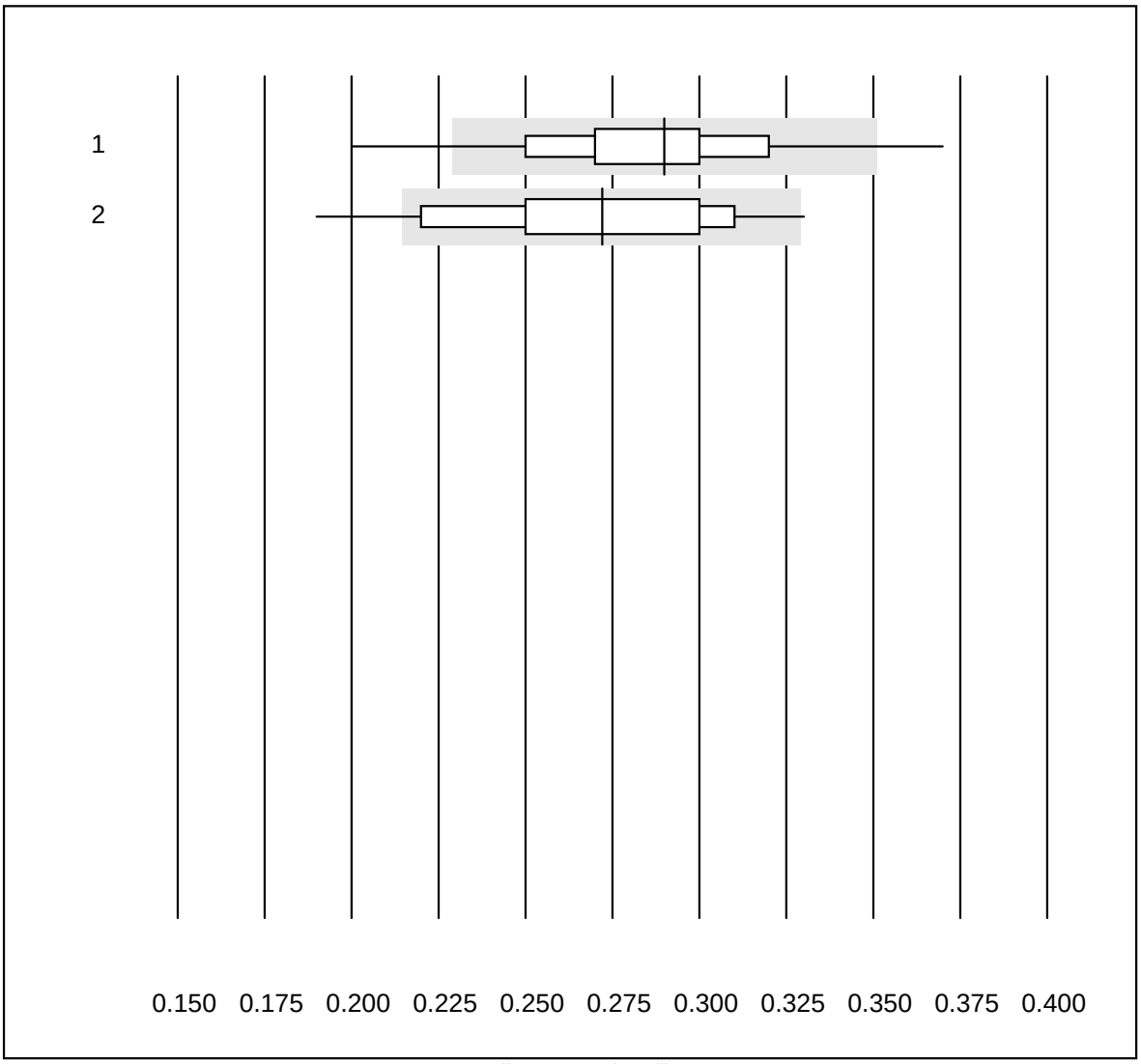
Myoglobin CR



QUALAB tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	4	100.0	0.0	0.0	288.5	10.3	e*

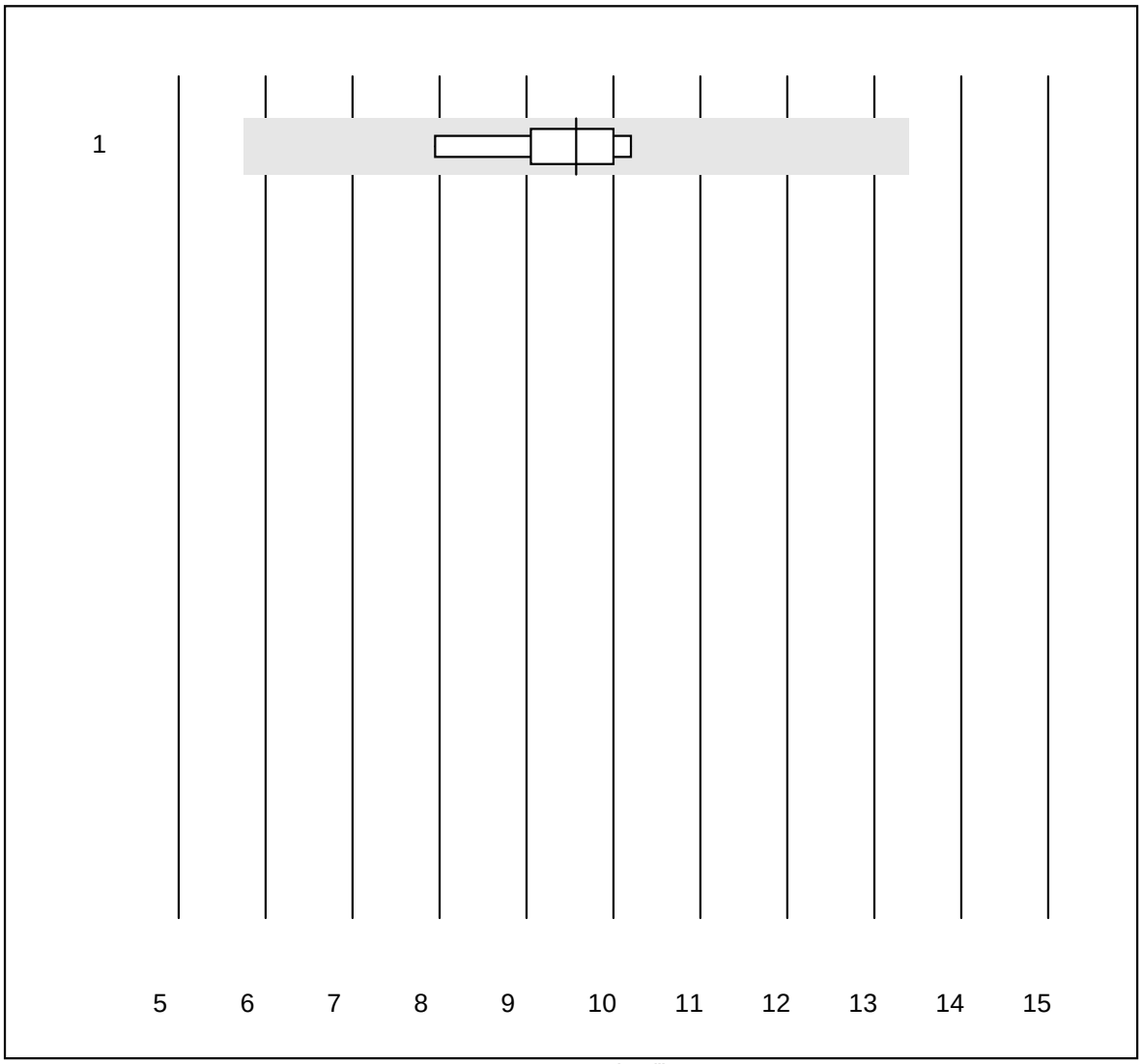
D-dimer CR



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	784	96.3	2.9	0.8	0.29	9.6	e
2	Cardiac Reader	58	84.5	13.8	1.7	0.27	13.3	e

CKMB - K8

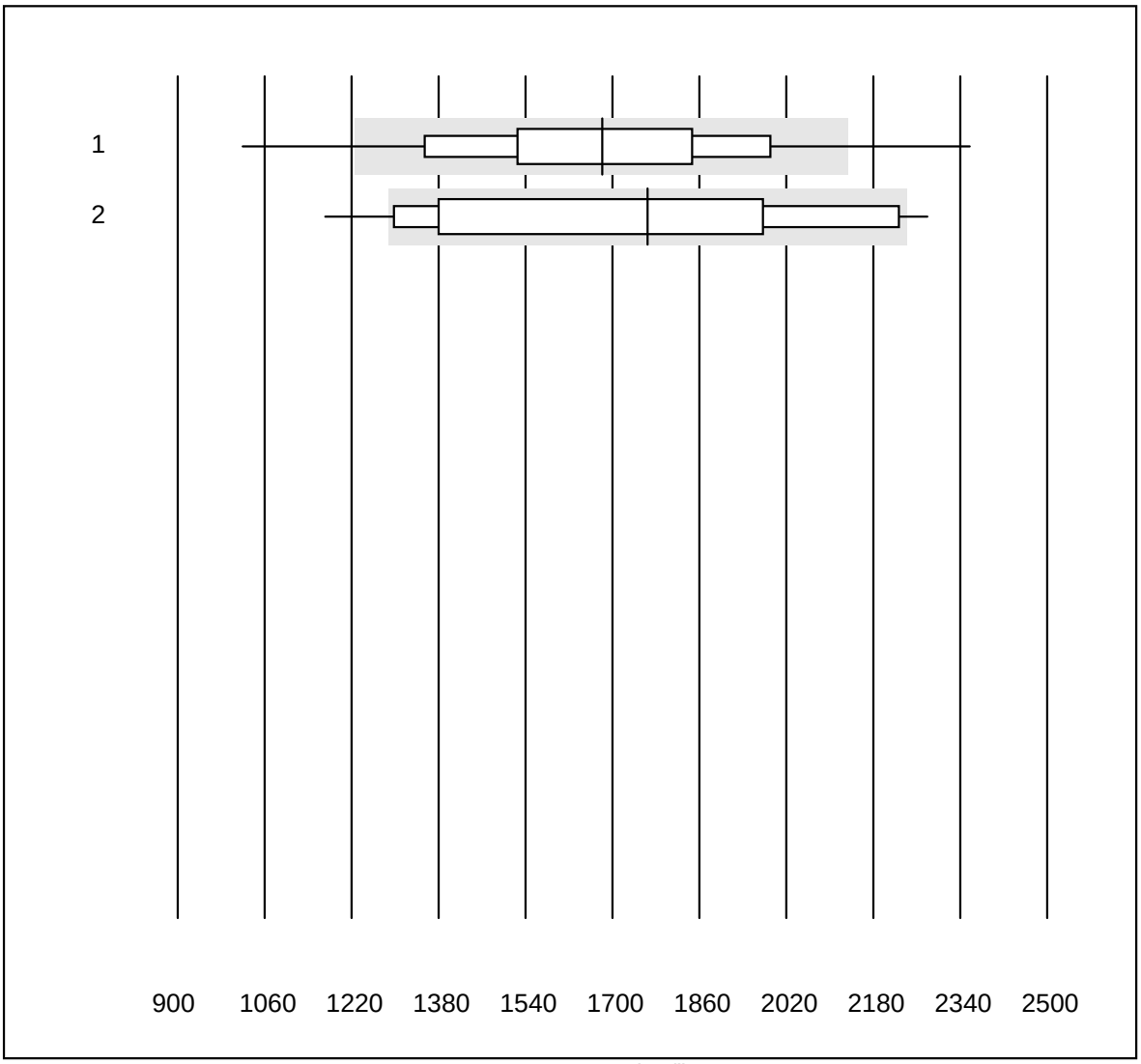


QUALAB tolerance : 40 %

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	9.6	8.4	e

NT-proBNP CR

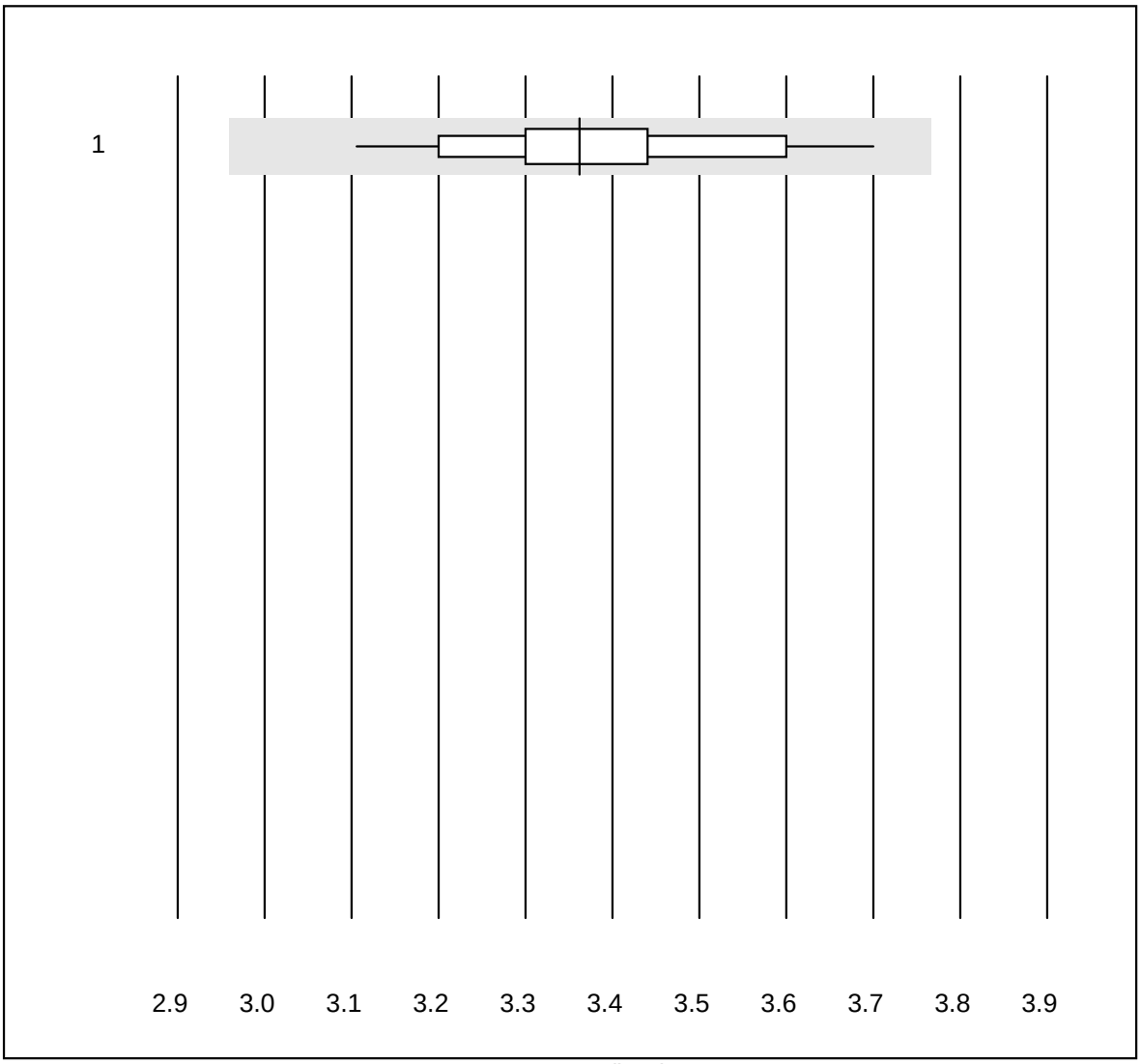


QUALAB tolerance : 27 %

NT-proBNP CR (ng/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas h 232	488	89.7	7.0	3.3	1681	14.7	e
2	Cardiac Reader	20	85.0	10.0	5.0	1765	20.7	e*

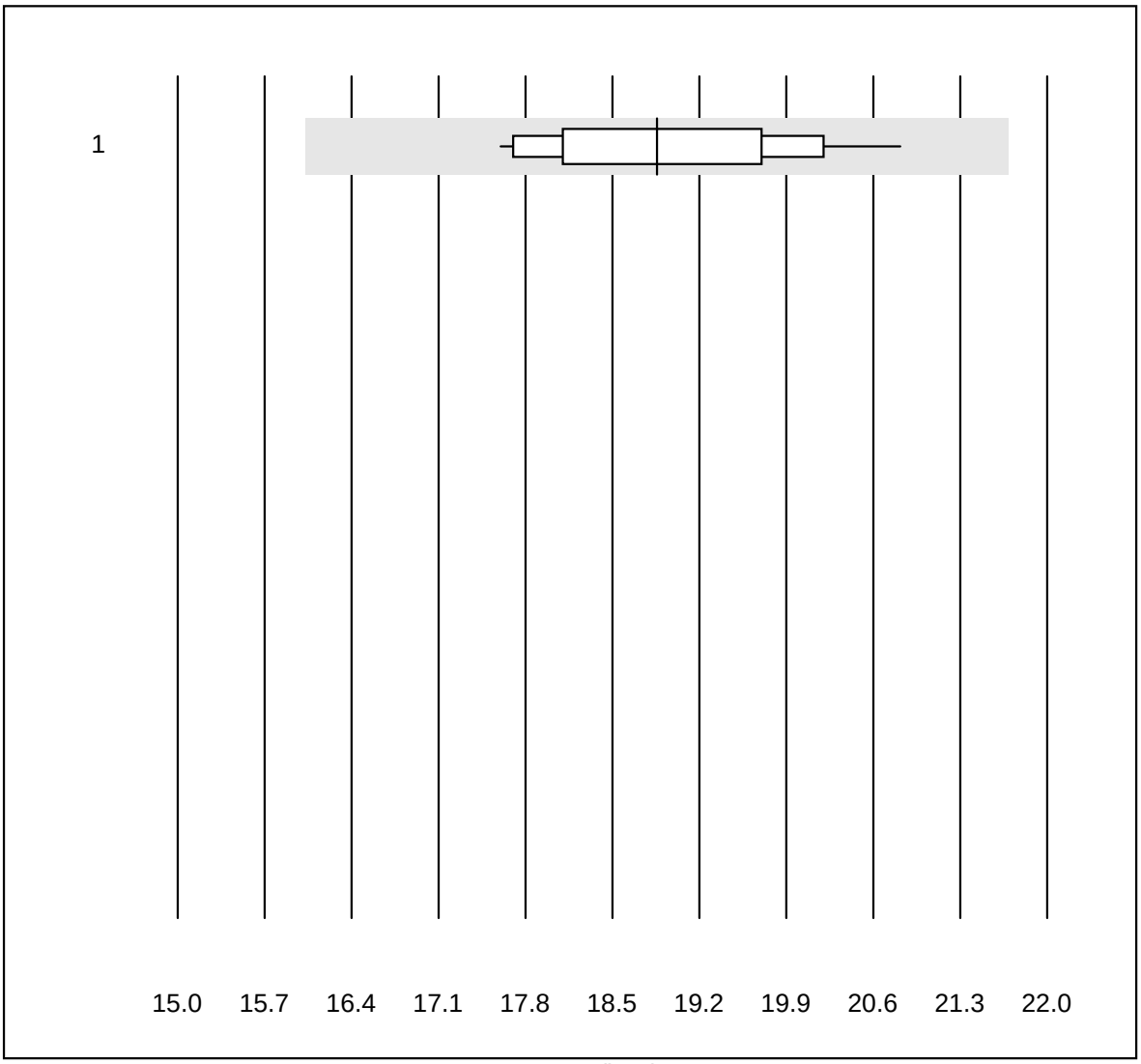
PCO2 CCA



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	14	100.0	0.0	0.0	3.36	4.7	e

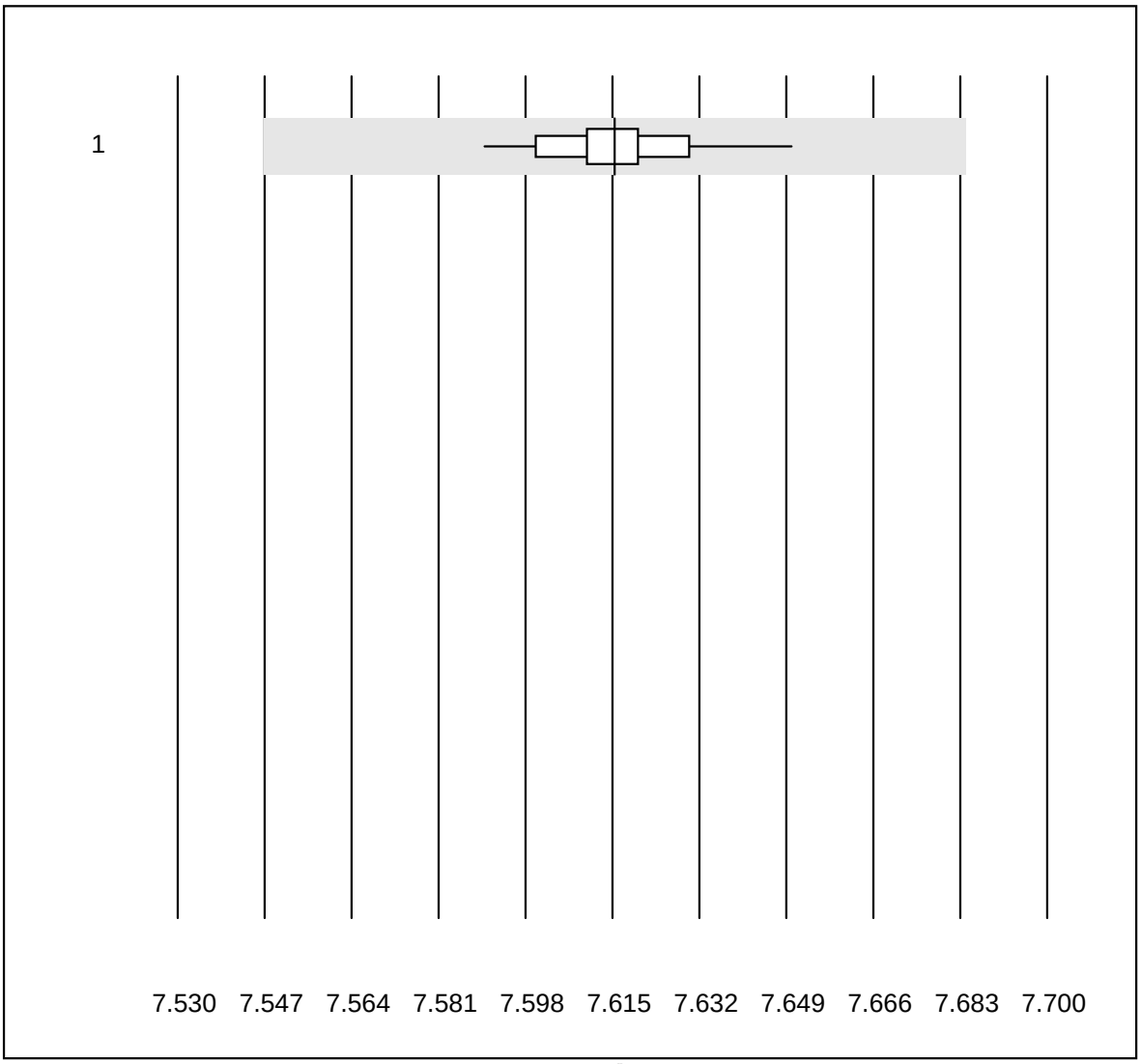
PO2 CCA



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	14	100.0	0.0	0.0	18.86	5.3	e

pH CCA

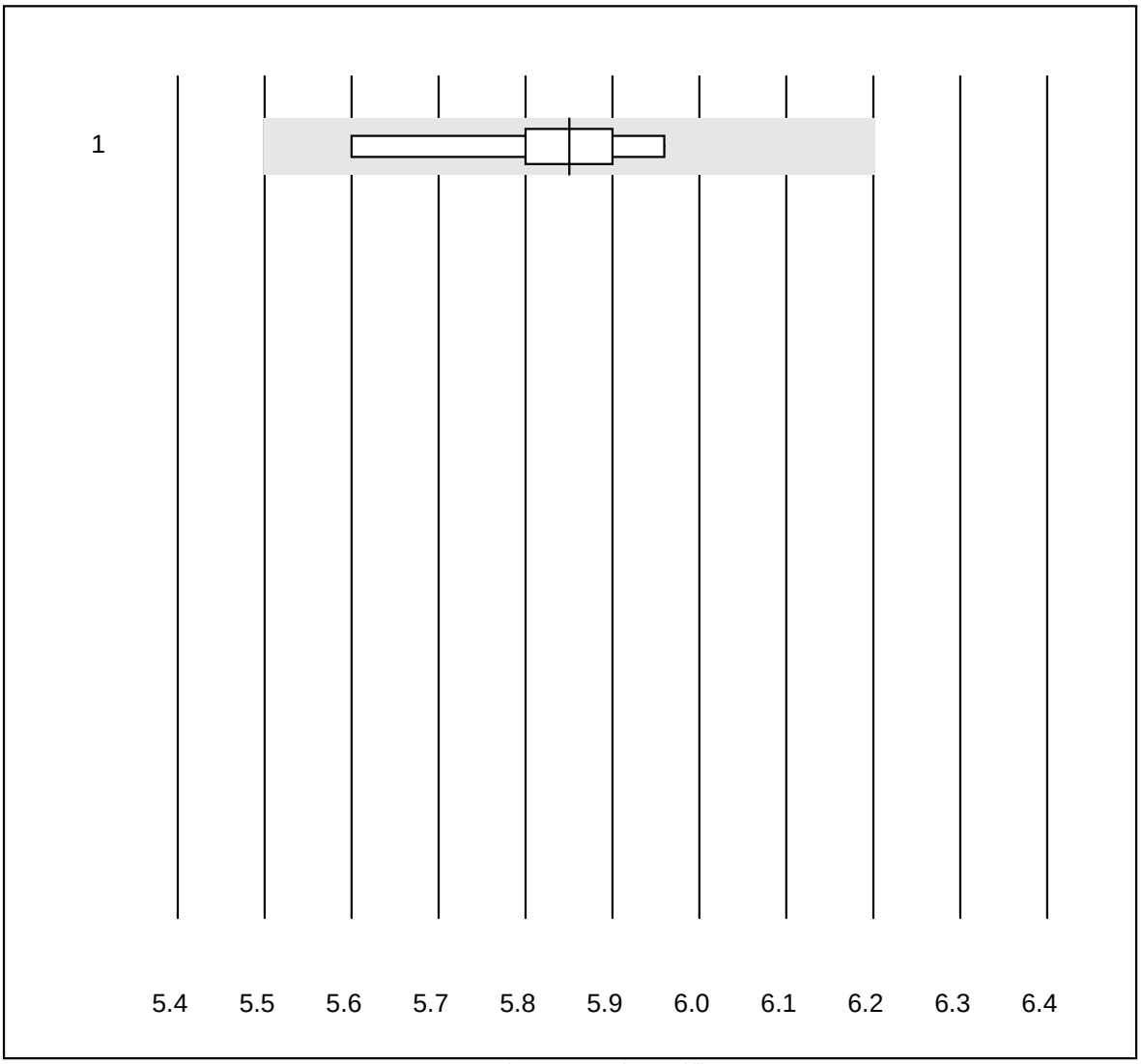


QUALAB tolerance : 1 %

pH CCA ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	14	100.0	0.0	0.0	7.62	0.2	e

Potassium CCA

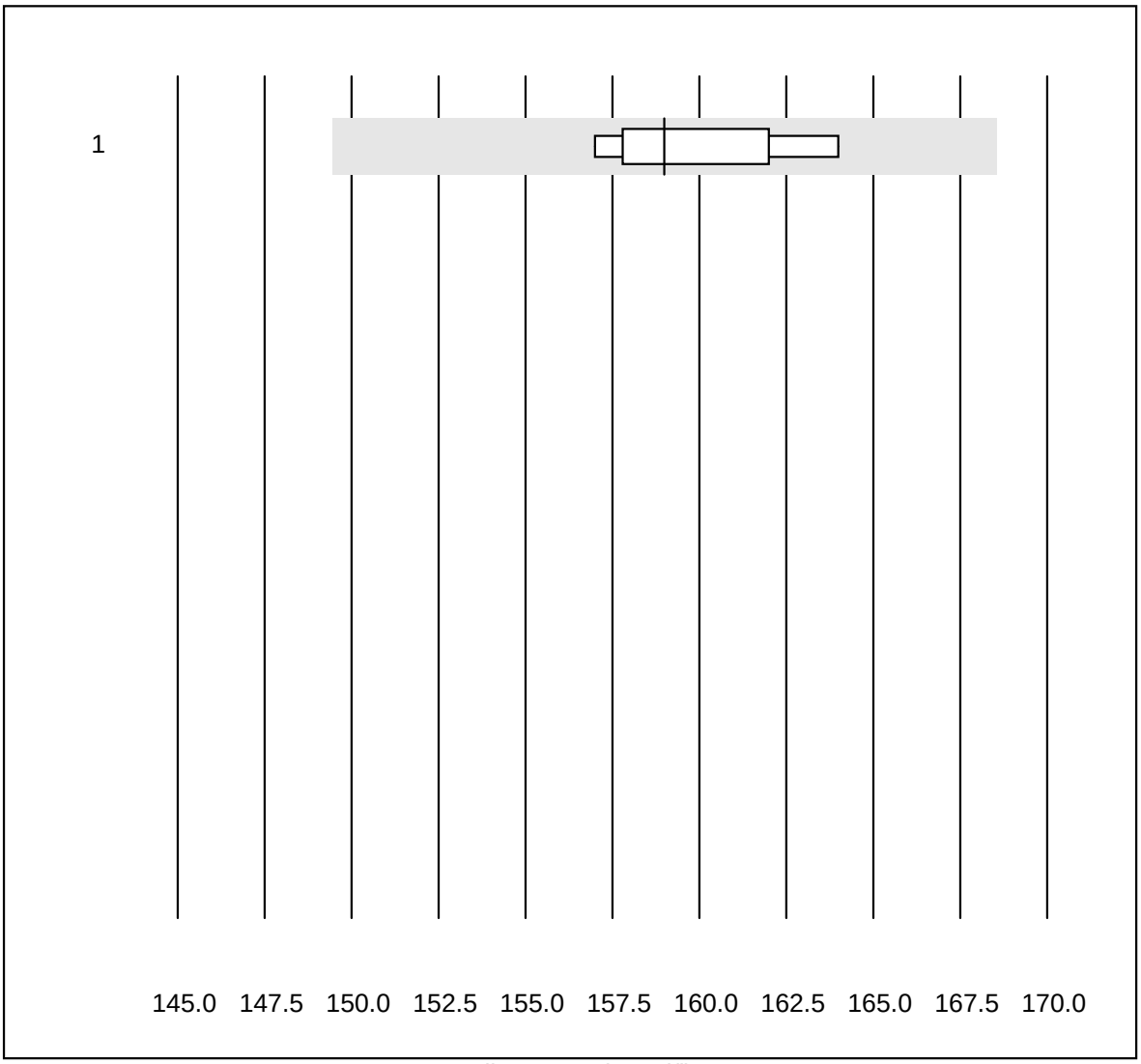


QUALAB tolerance : 6 %

Potassium CCA (mmol/l)

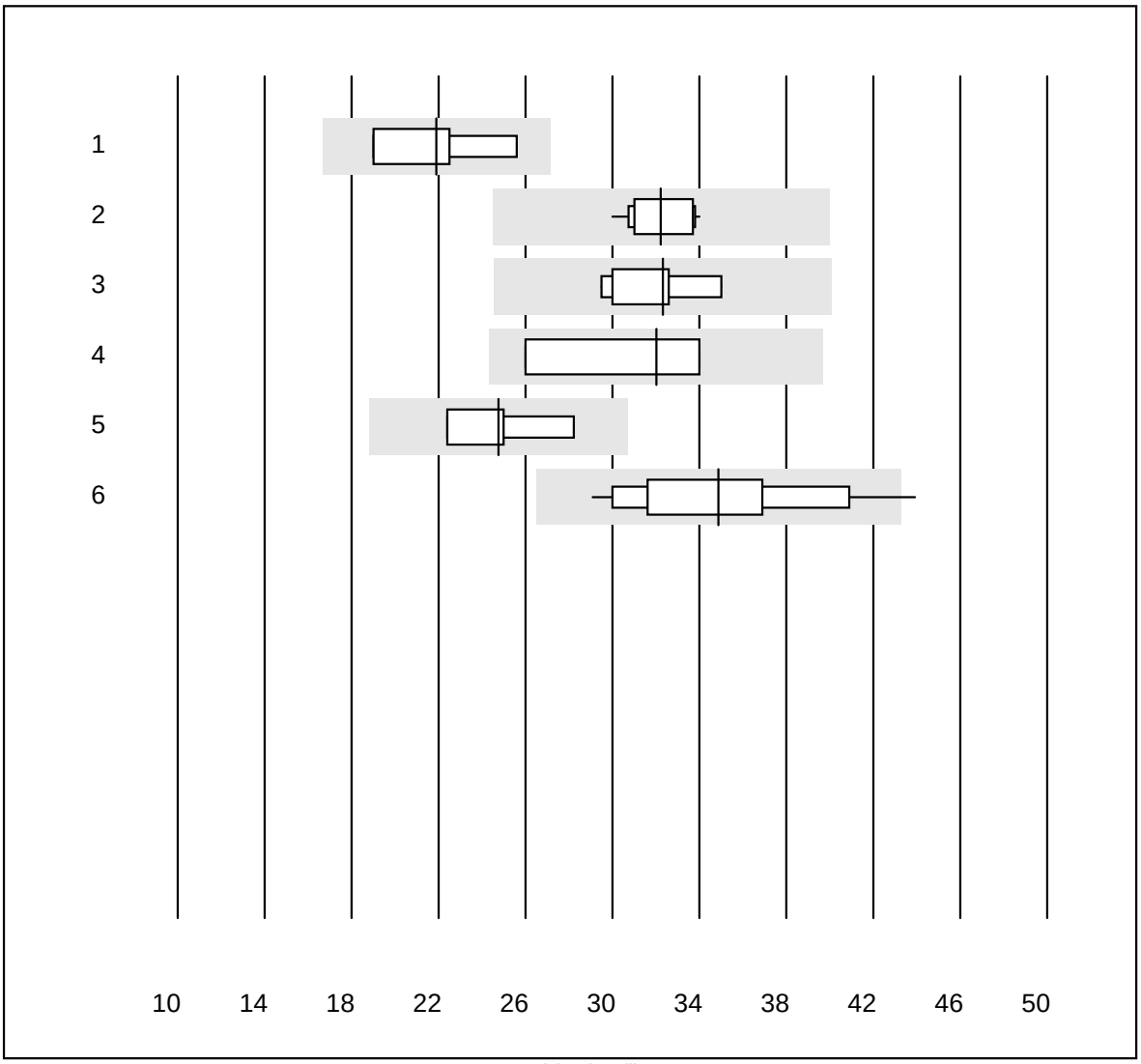
No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	8	100.0	0.0	0.0	5.9	1.9	e

Sodium CCA



No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	OPTI CCA	7	100.0	0.0	0.0	159.0	1.5	e

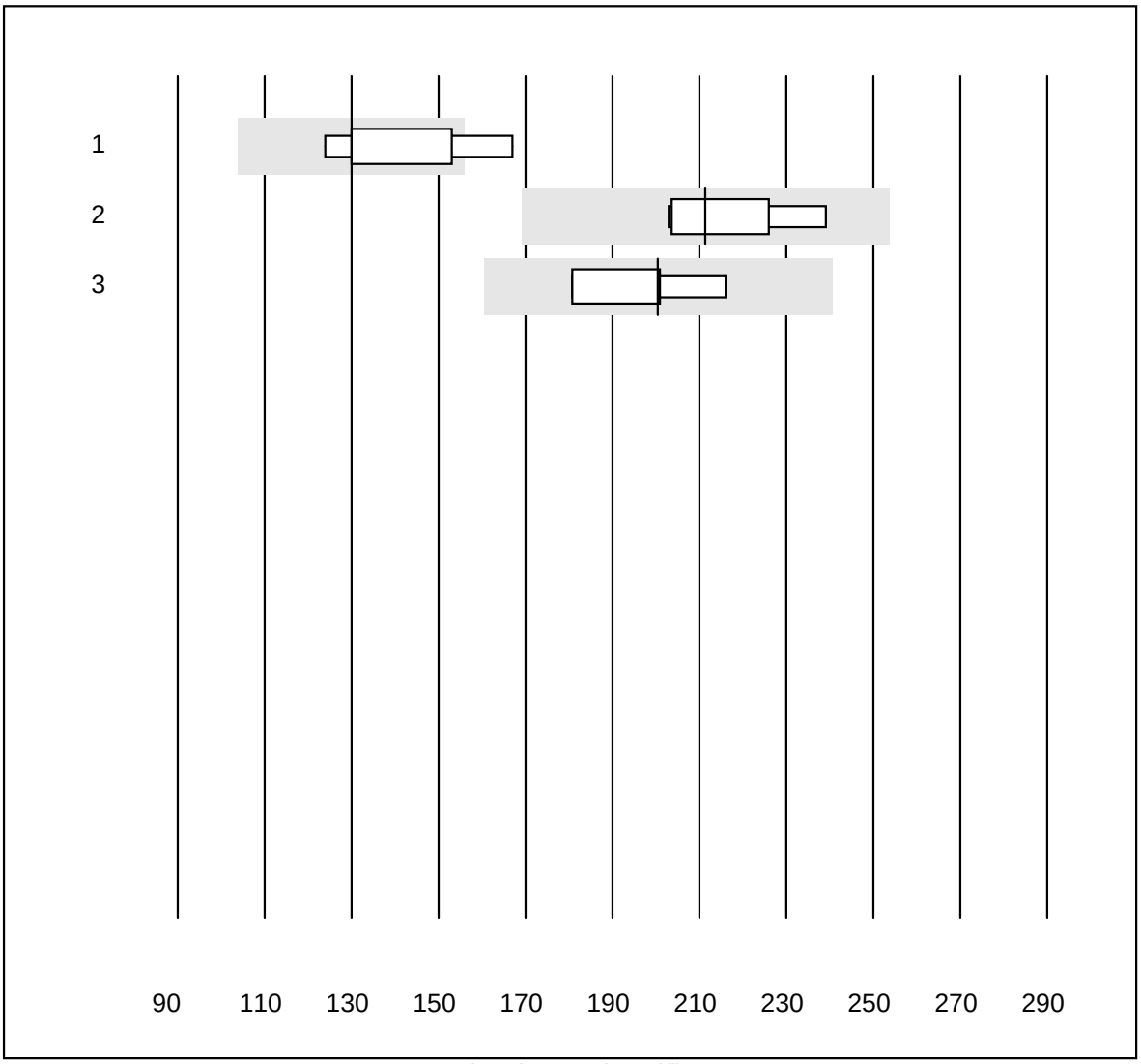
Ferritin



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Beckman	4	100.0	0.0	0.0	21.90	12.4	e*
2	Cobas E / Elecsys	11	100.0	0.0	0.0	32.23	4.3	e
3	Architect	5	100.0	0.0	0.0	32.33	7.0	e*
4	Mira/DiaSys	4	100.0	0.0	0.0	32.00	12.4	e*
5	Mini Vidas	4	100.0	0.0	0.0	24.74	9.6	e*
6	Eurolyser	18	88.8	5.6	5.6	34.89	11.9	e

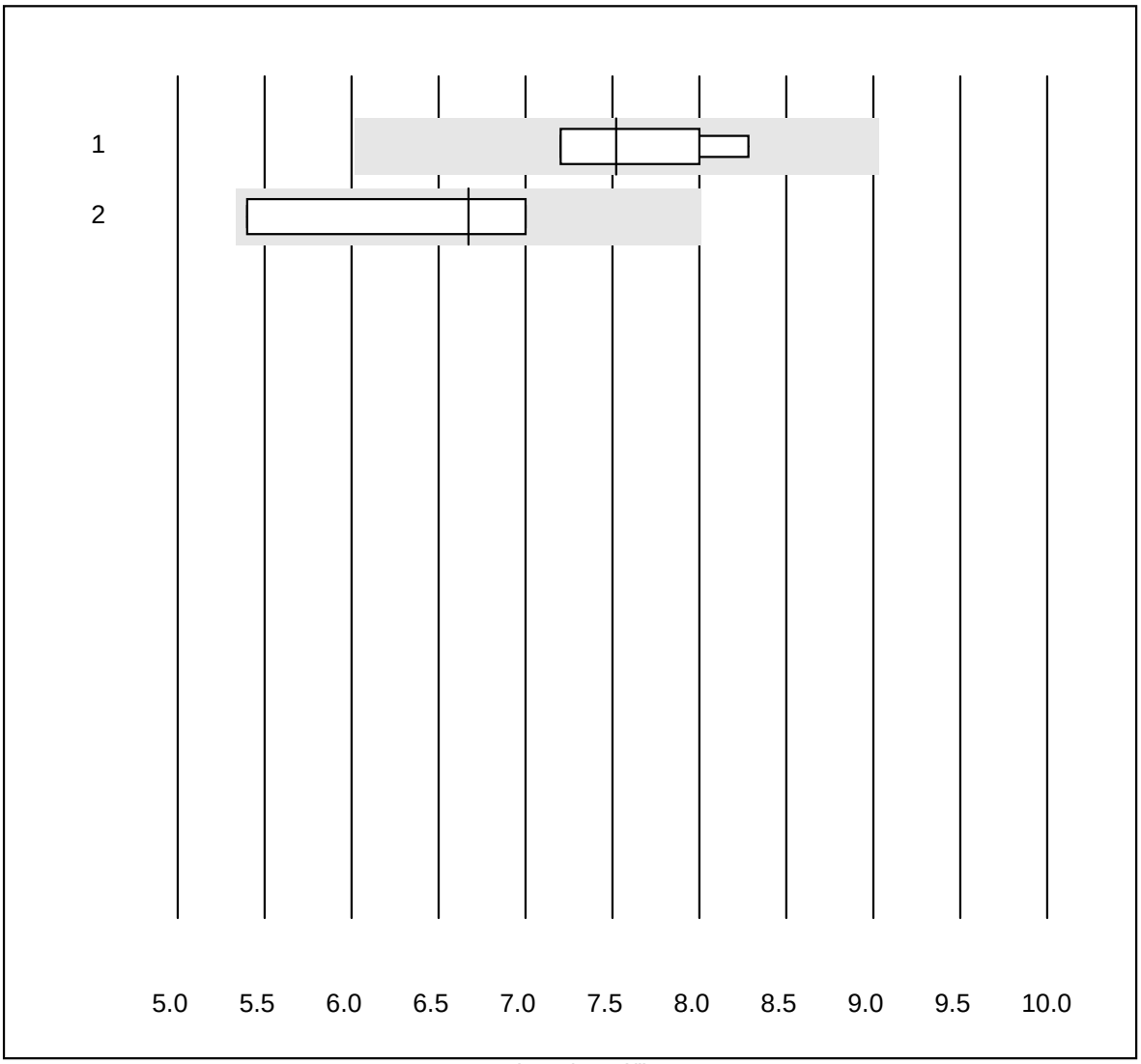
Vitamin B12



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	130.00	13.1	e*
2	Cobas E / Elecsys	7	100.0	0.0	0.0	211.39	6.5	e*
3	Architect	4	100.0	0.0	0.0	200.50	7.2	e*

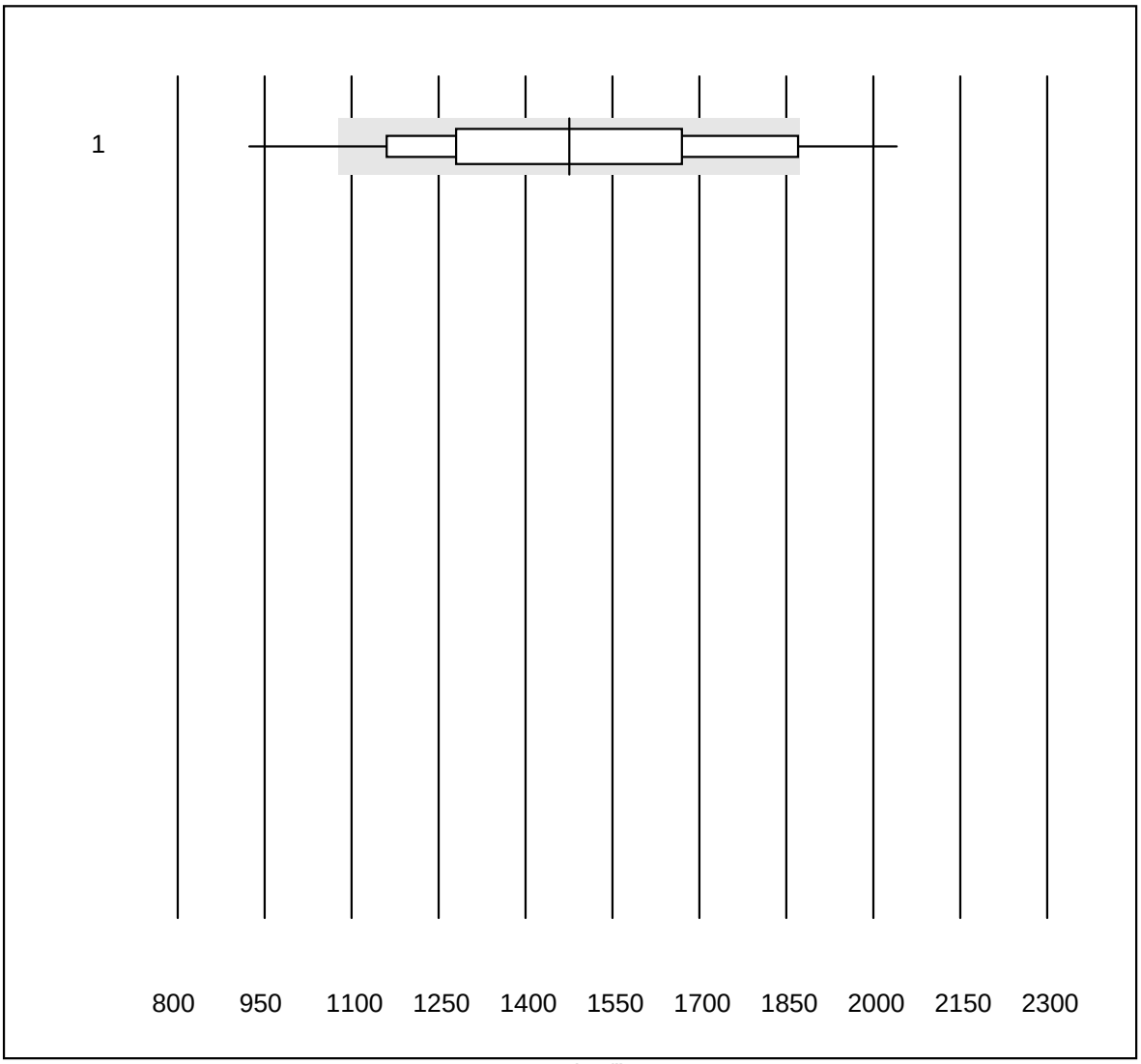
Folate



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	7	100.0	0.0	0.0	7.52	5.7	e
2	Architect	4	100.0	0.0	0.0	6.67	11.8	e*

BNP

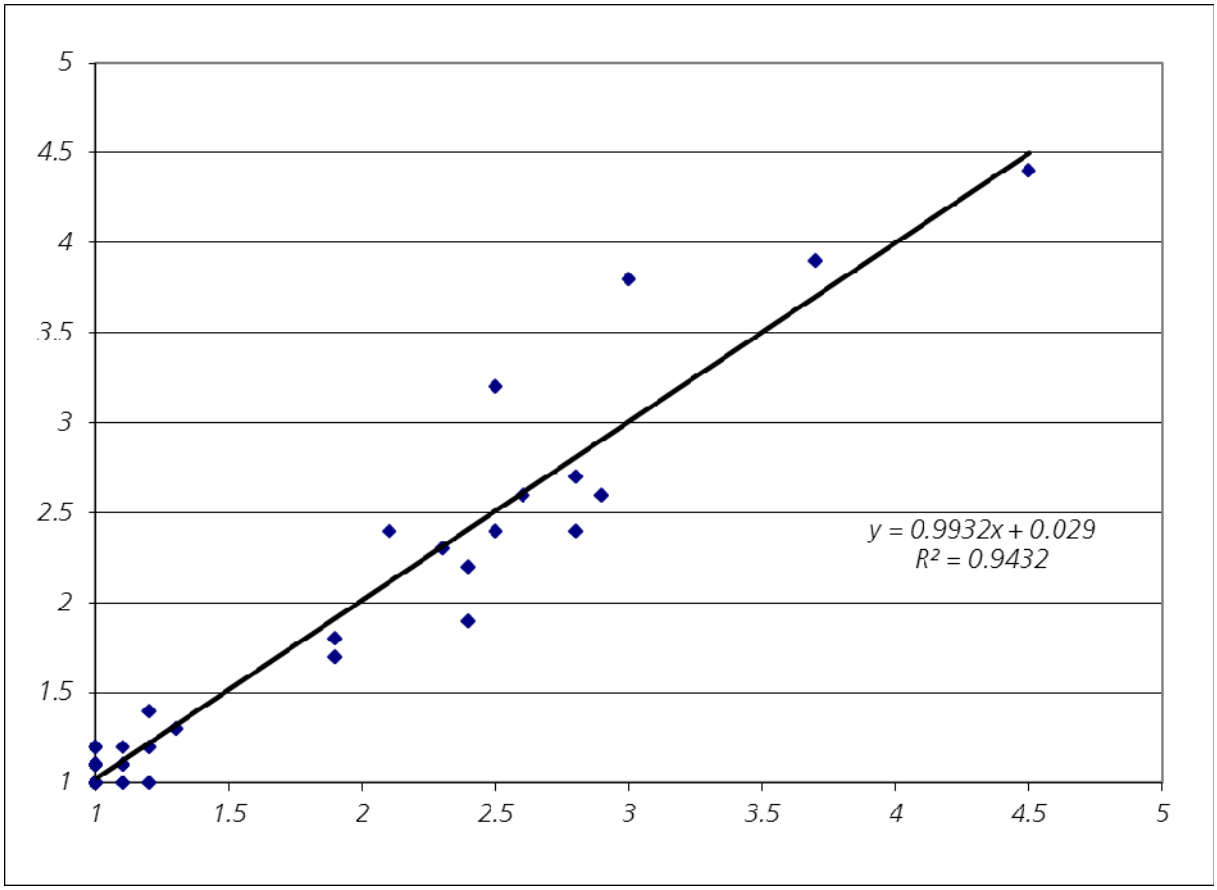


QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Meter	42	81.0	11.9	7.1	1475.7	17.4	e

INR INRatio

University Hospital Zuerich

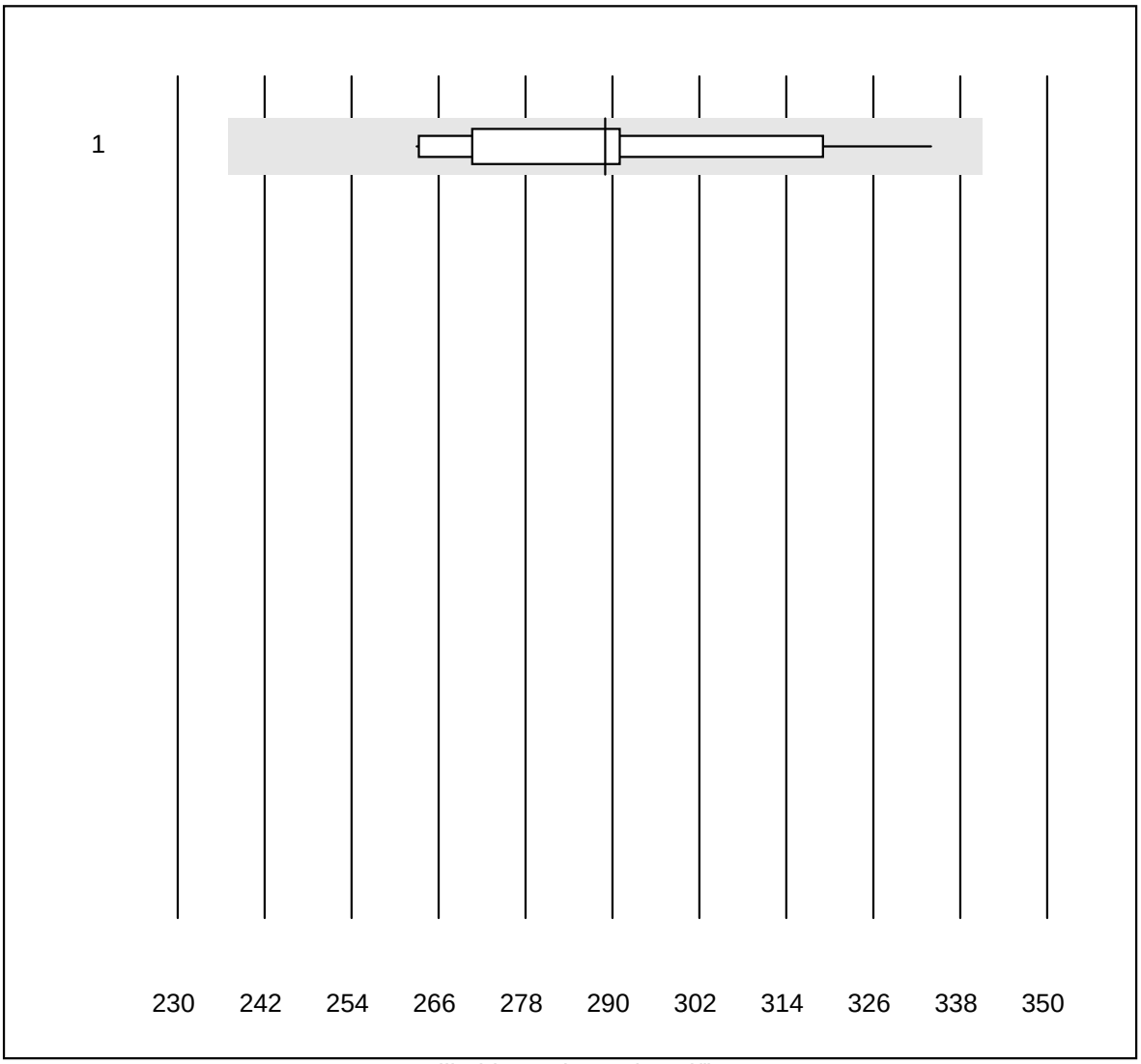


INRatio Participants

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	58	93.1	5.17	1.72	58

Bilirubin total Neo

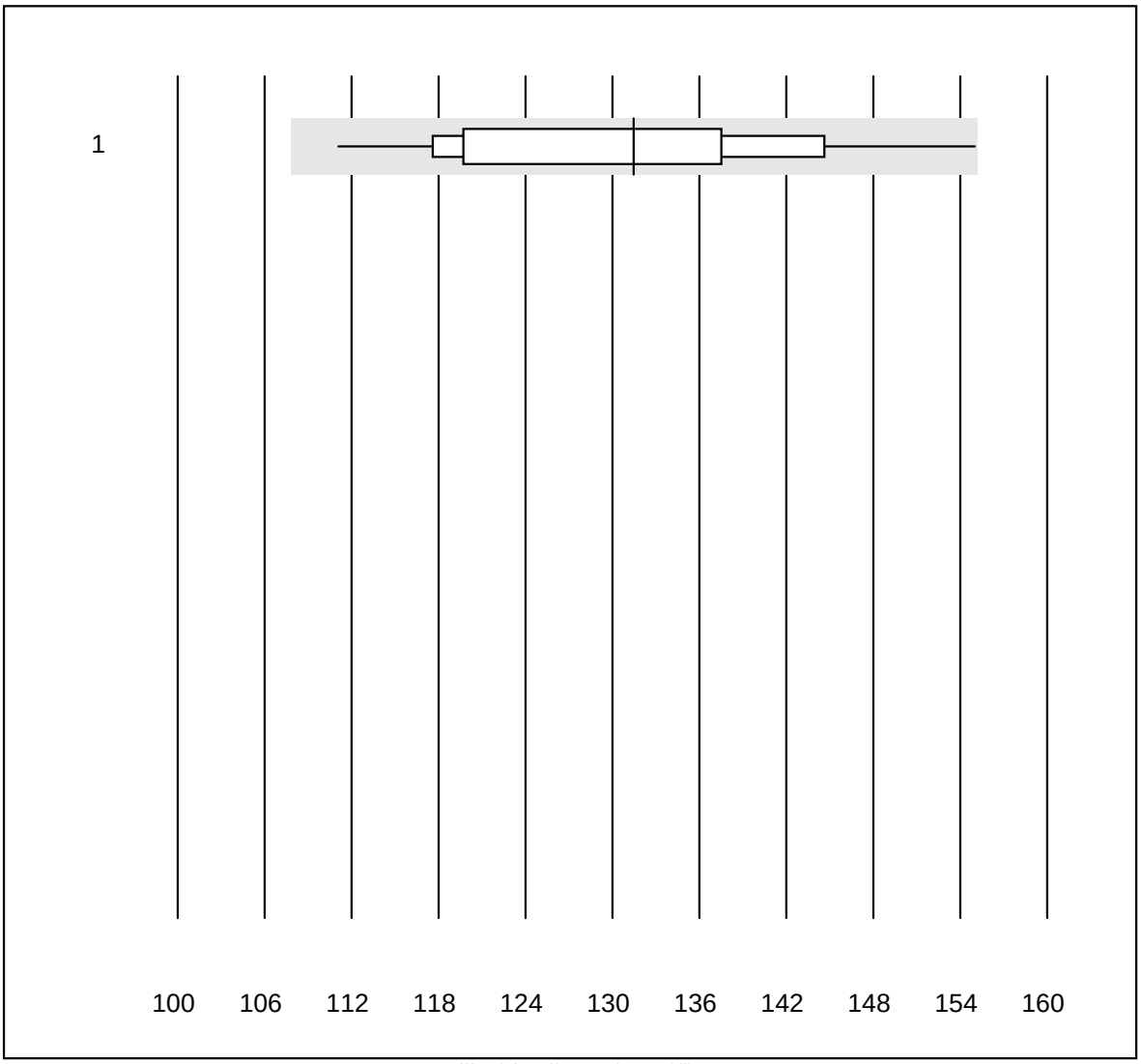


QUALAB tolerance : 18 %

Bilirubin total Neo (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	12	100.0	0.0	0.0	289	7.5	e*

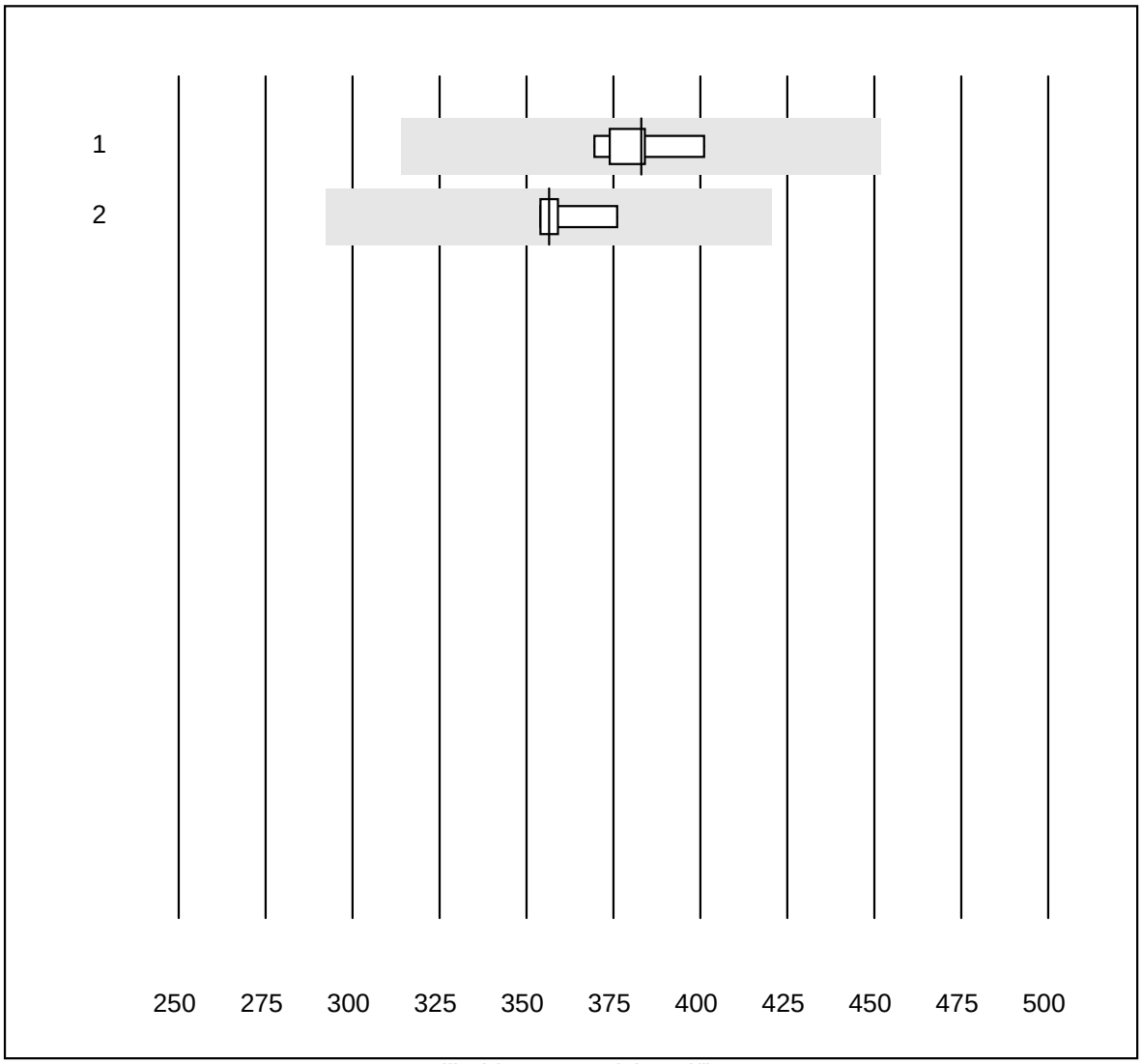
Bilirubin direct



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	13	92.3	0.0	7.7	131	9.3	e*

Bilirubin neonatal

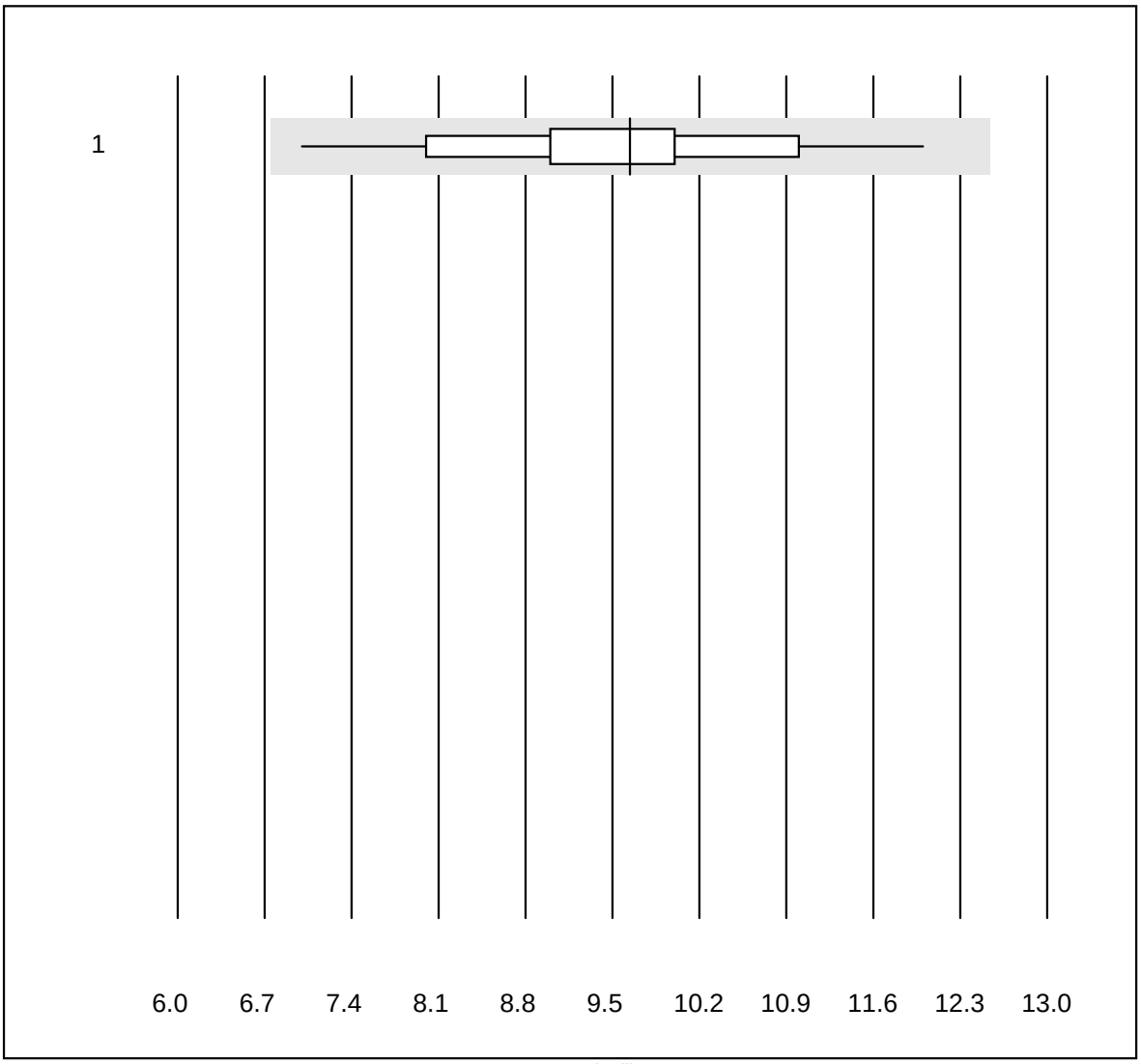


QUALAB tolerance : 18 %

Bilirubin neonatal (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	383	3.2	e
2	ABL700/800 Radiomete	4	100.0	0.0	0.0	357	2.9	e

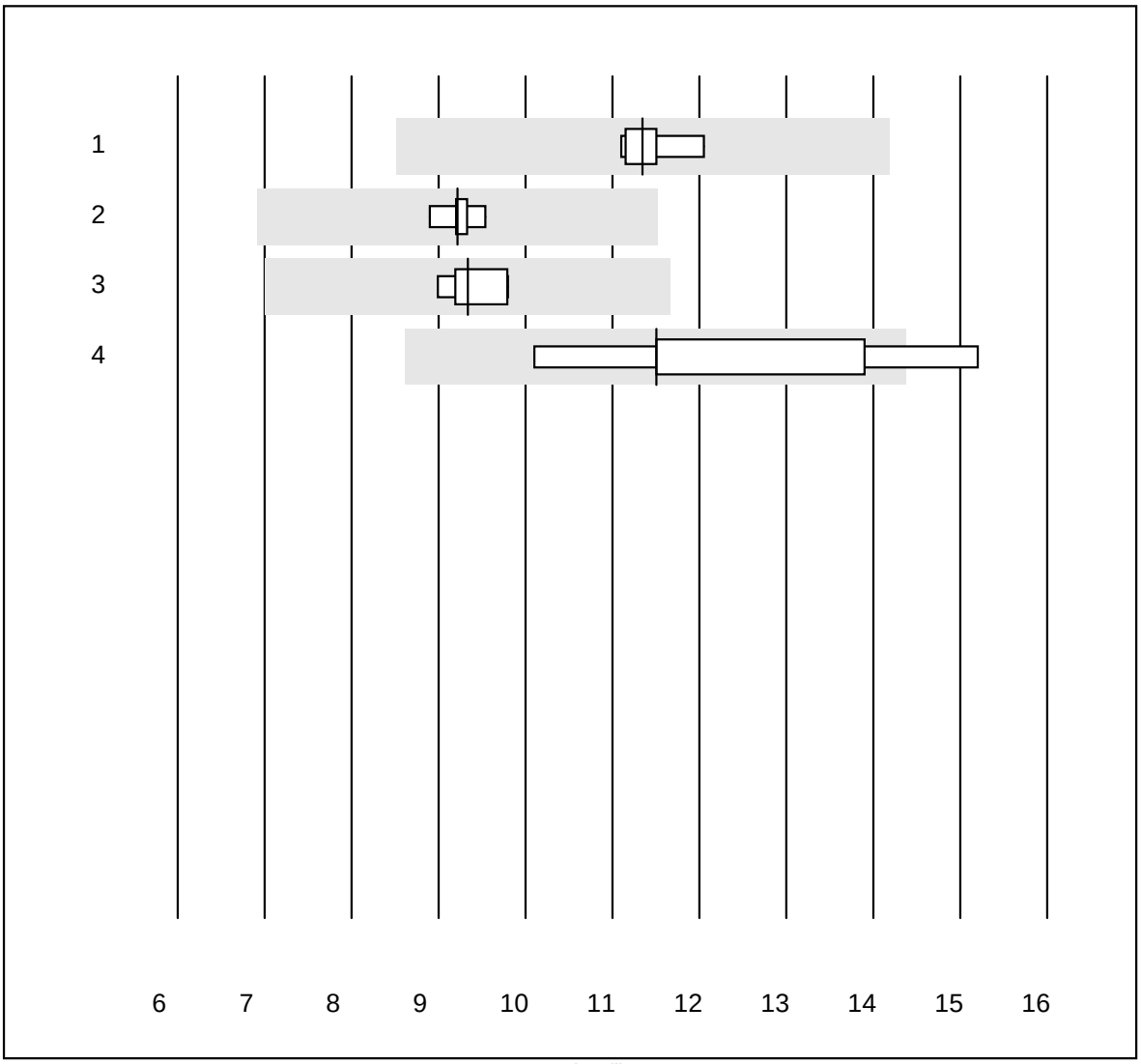
CK-MB



QUALAB tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Fuji Dri-Chem	42	92.9	0.0	7.1	9.6	11.0	e

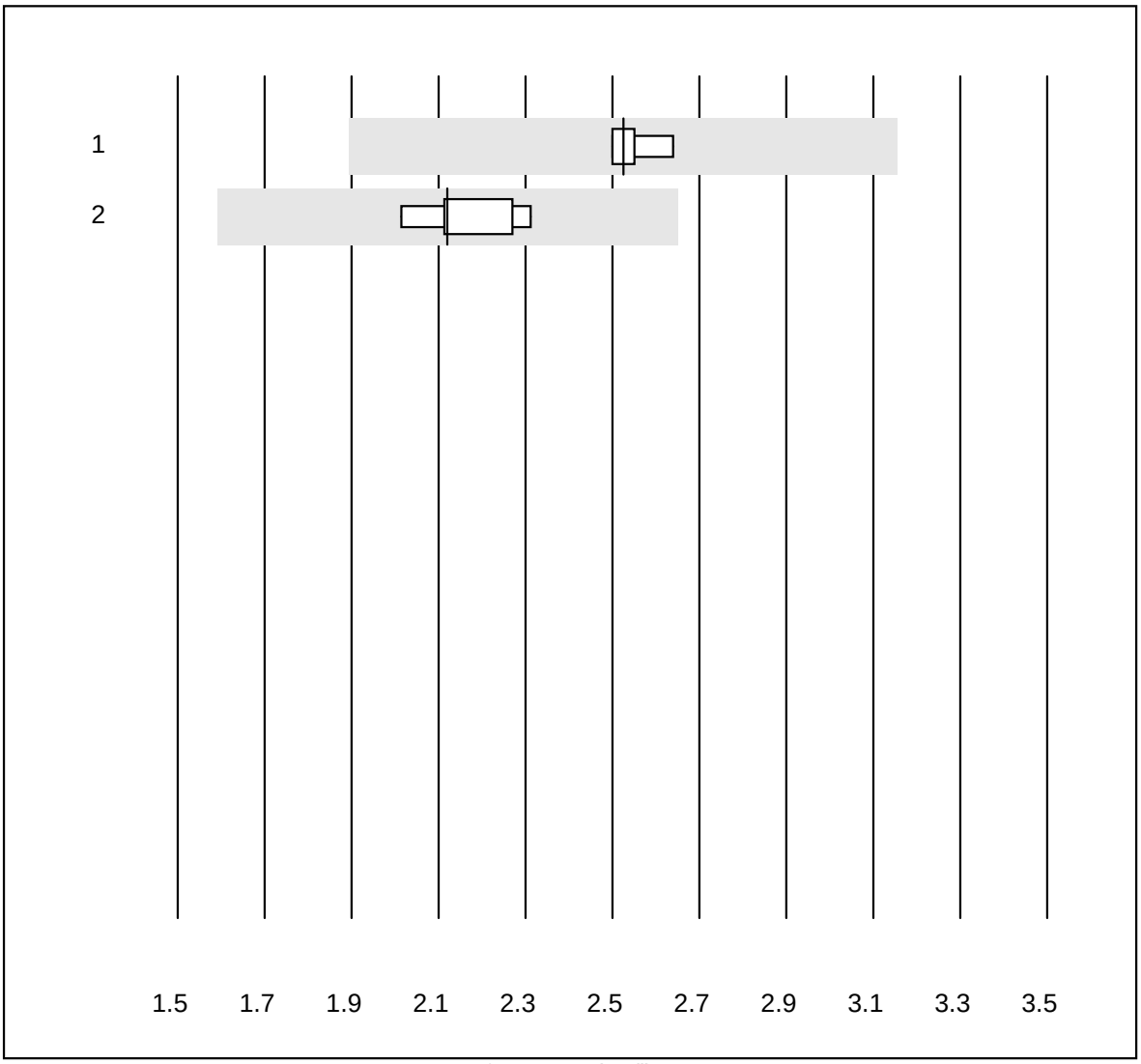
PSA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	8	100.0	0.0	0.0	11.35	3.2	e
2	ADVIA Centaur XP/CP	5	100.0	0.0	0.0	9.22	2.5	e
3	Architect	6	100.0	0.0	0.0	9.33	3.5	e
4	Qualigen	5	80.0	20.0	0.0	11.50	16.6	e*

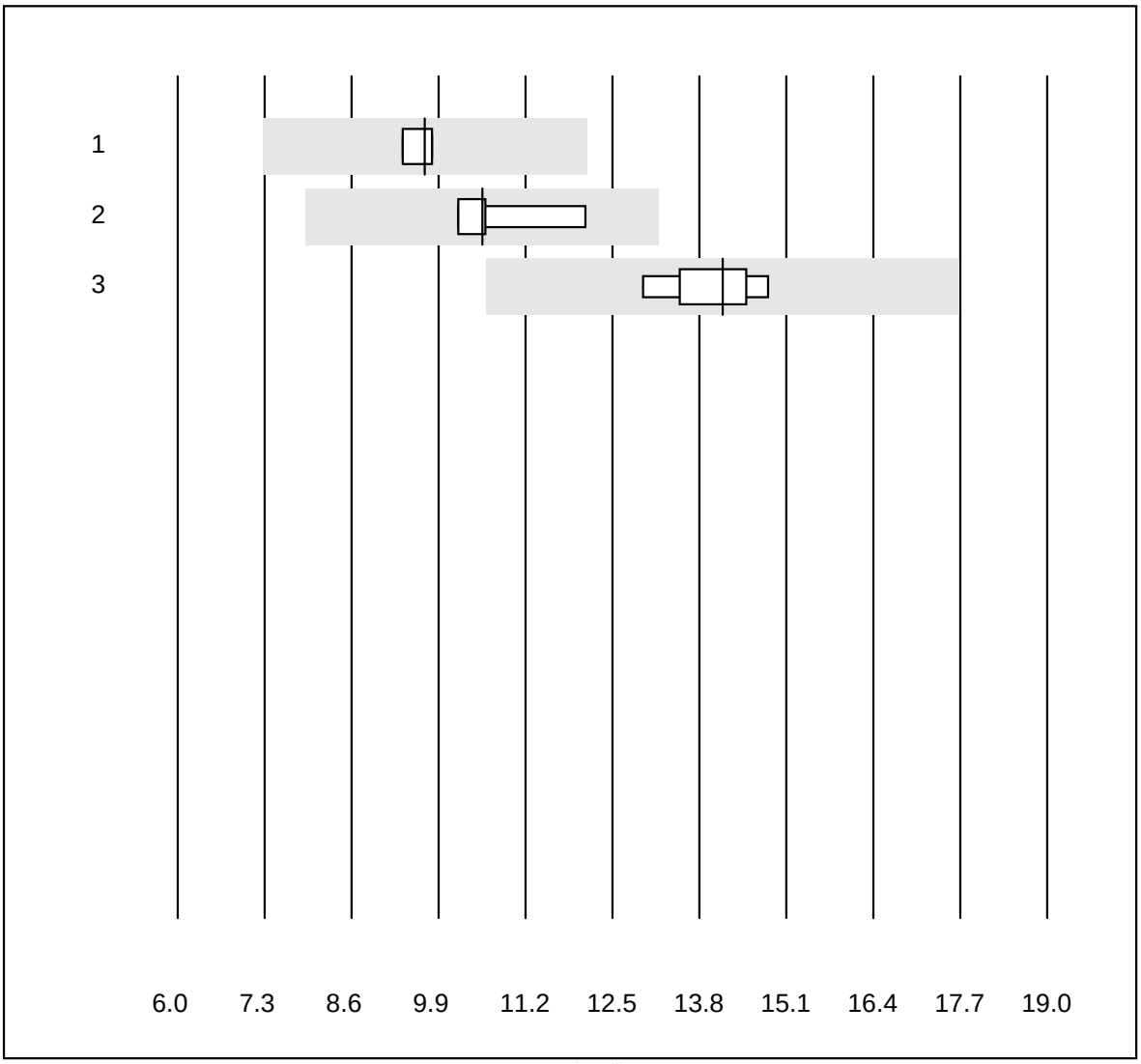
free PSA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	2.53	2.6	e
2	Architect	5	100.0	0.0	0.0	2.12	5.7	e

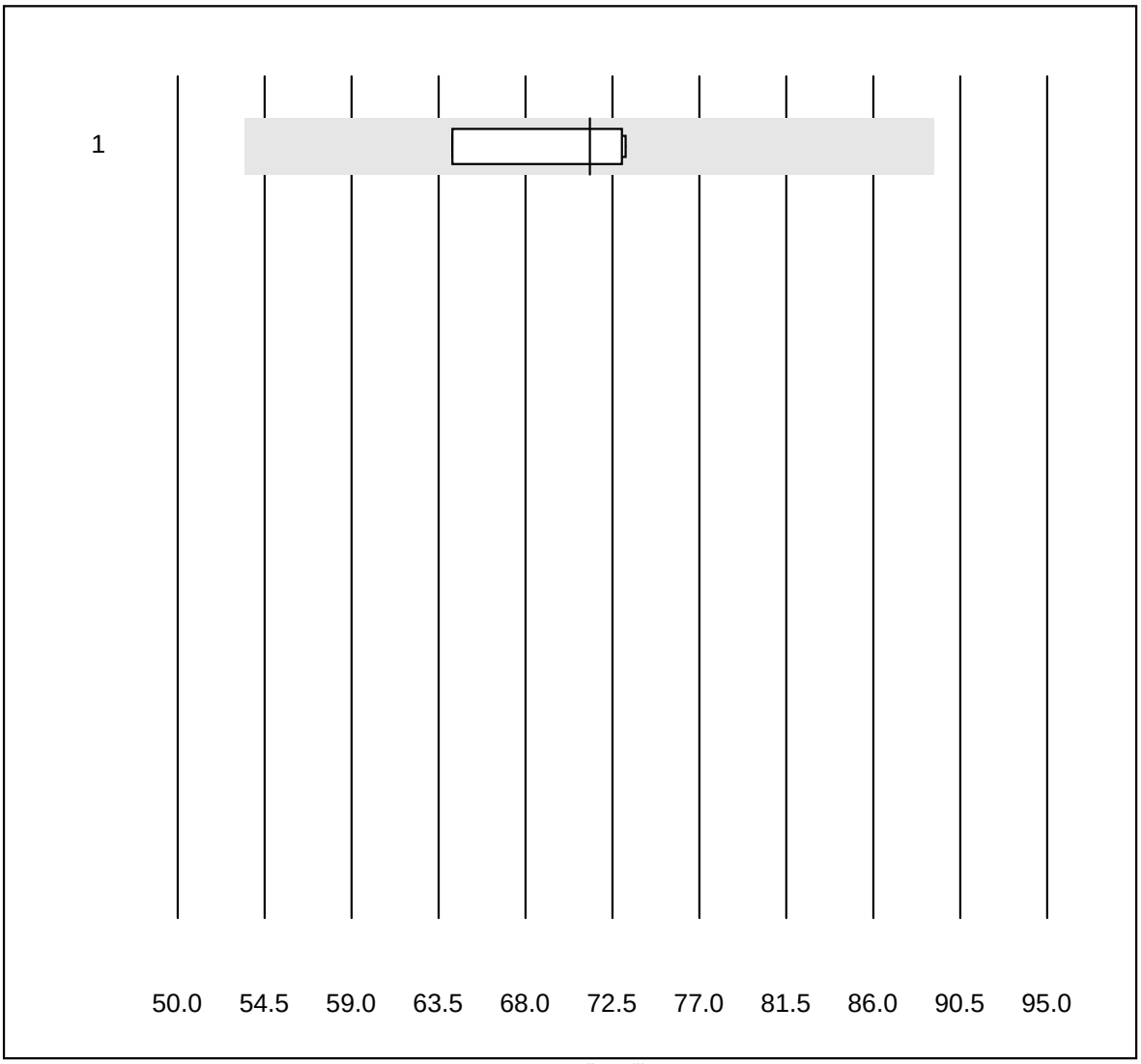
CEA



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	9.7	2.2	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	10.6	7.8	e*
3	Architect	5	100.0	0.0	0.0	14.2	5.4	e

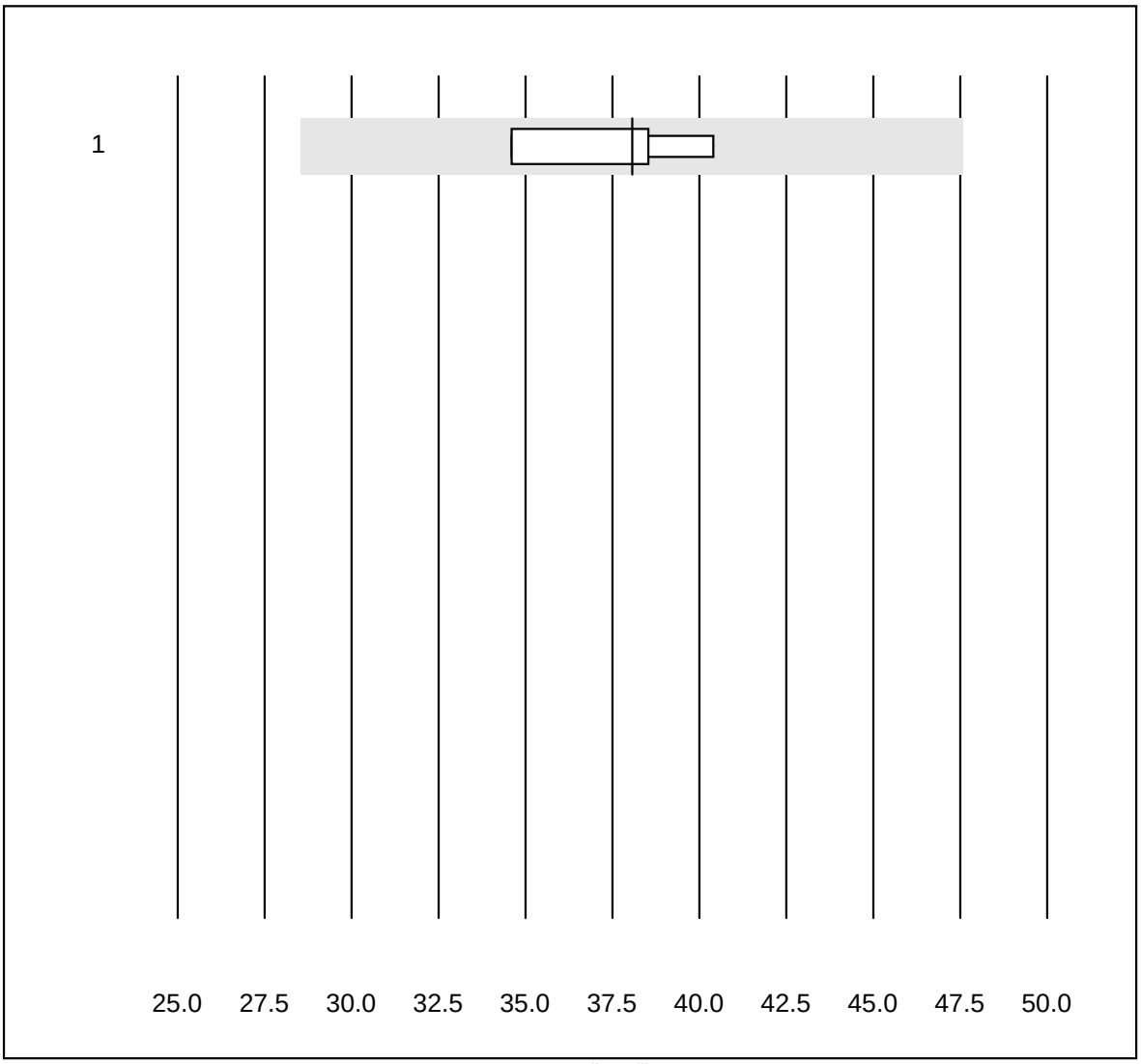
CA 125



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	71.3	6.0	e

CA 15-3

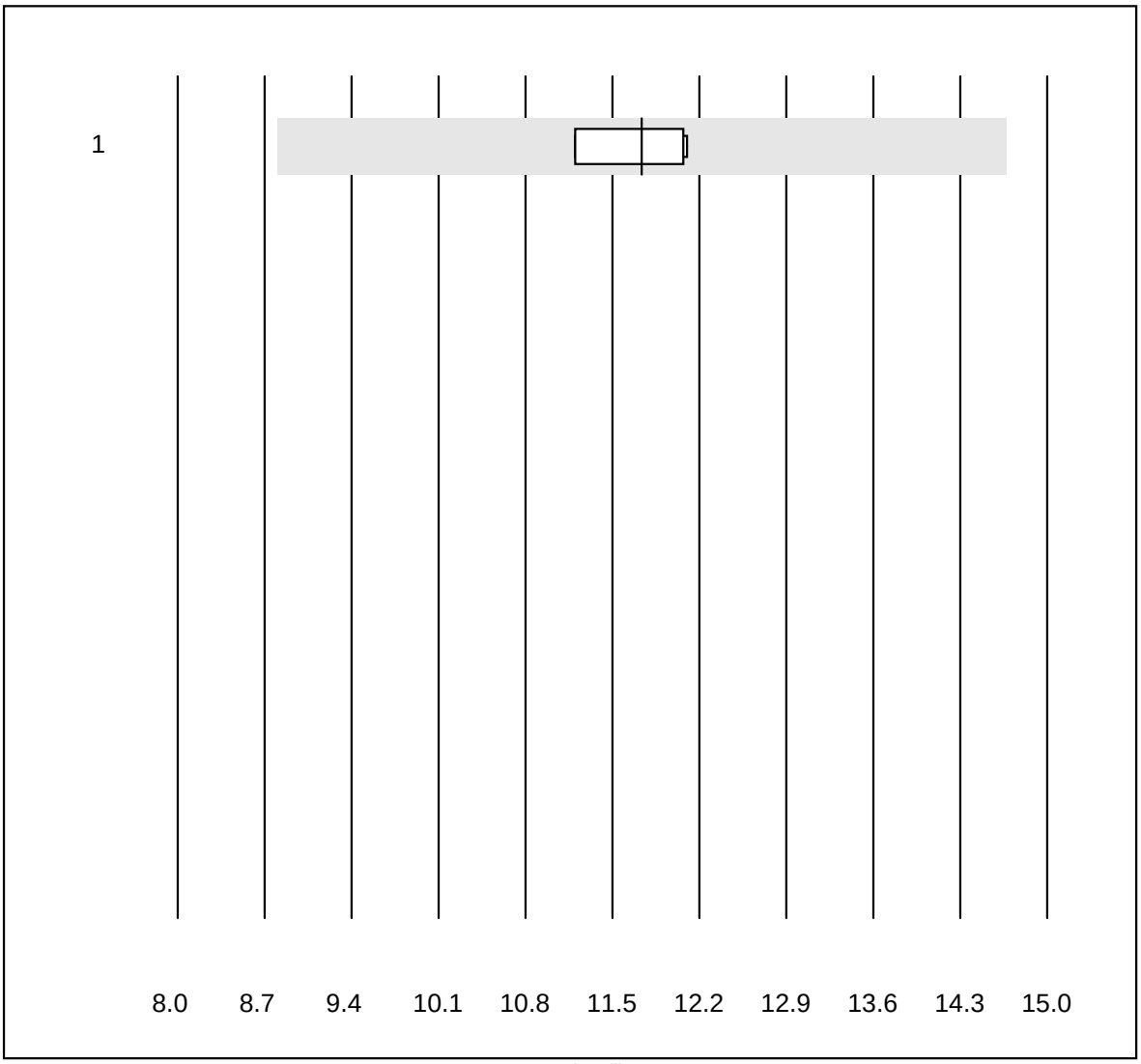


QUALAB tolerance : 25 %

CA 15-3 (kIU/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	38.1	6.4	e*

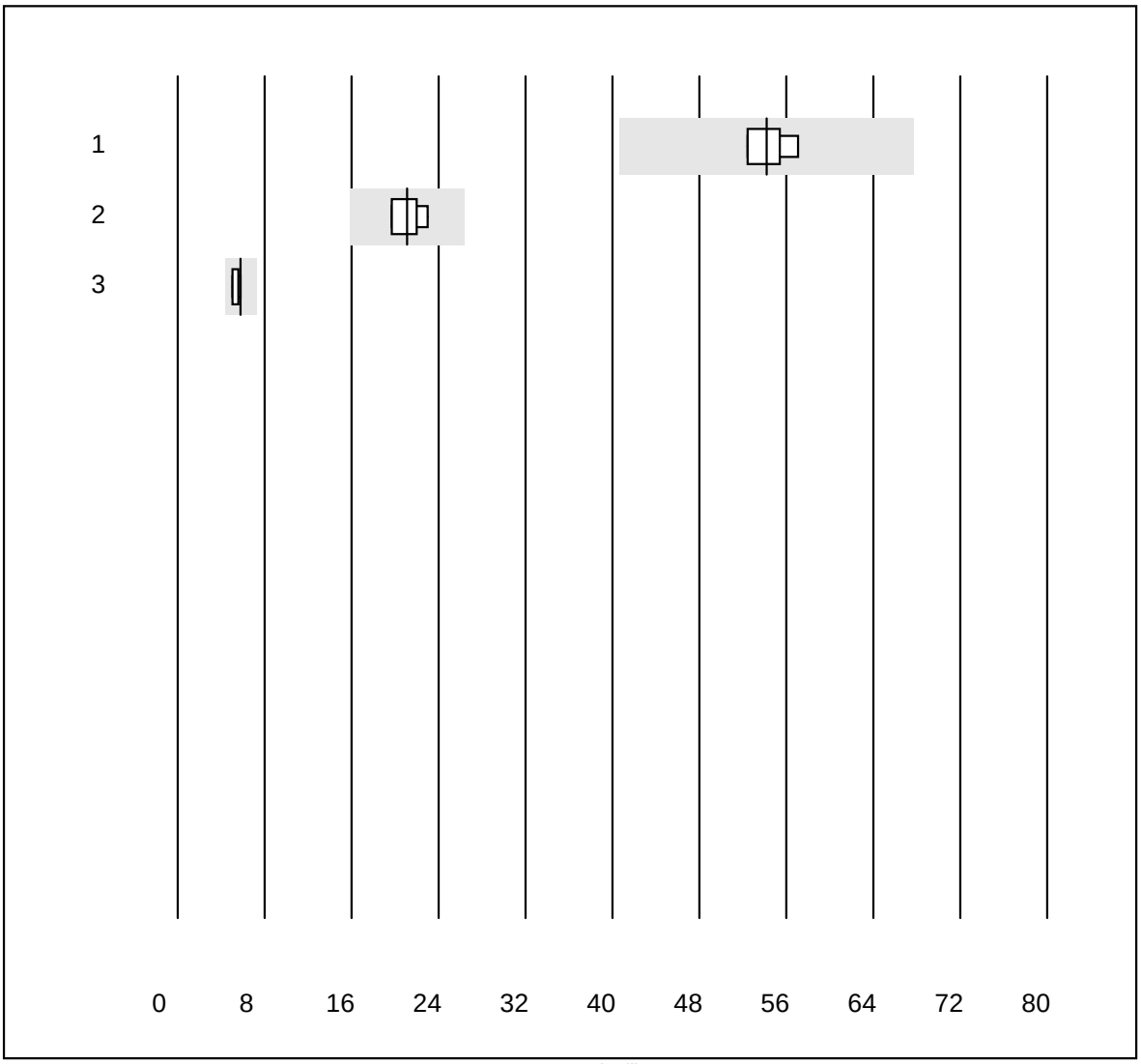
AFP



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Architect	4	100.0	0.0	0.0	12	3.9	e

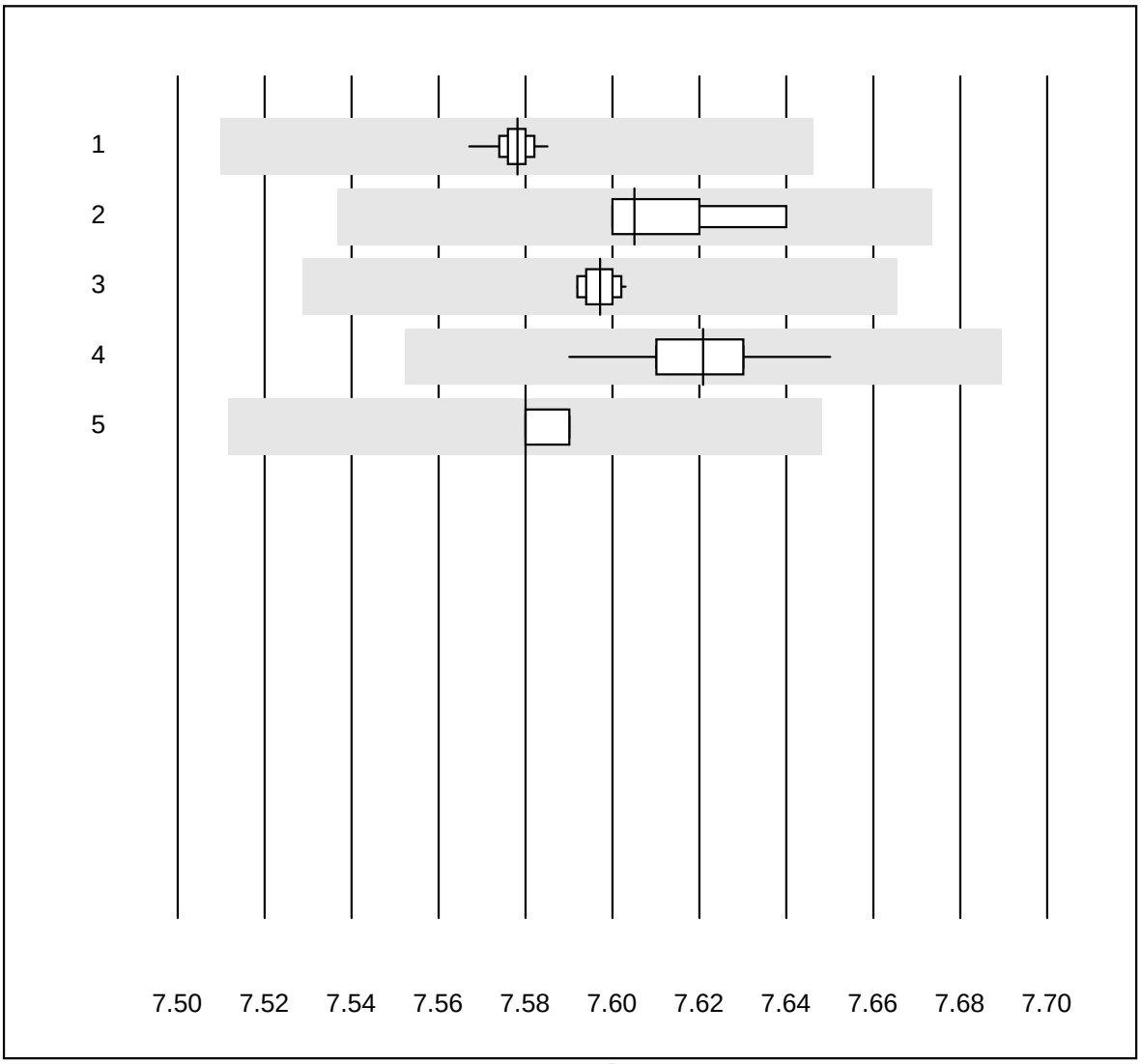
HCG qn



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	54	4.0	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	21	7.3	e*
3	Vidas	4	100.0	0.0	0.0	6	6.5	a

pH OR

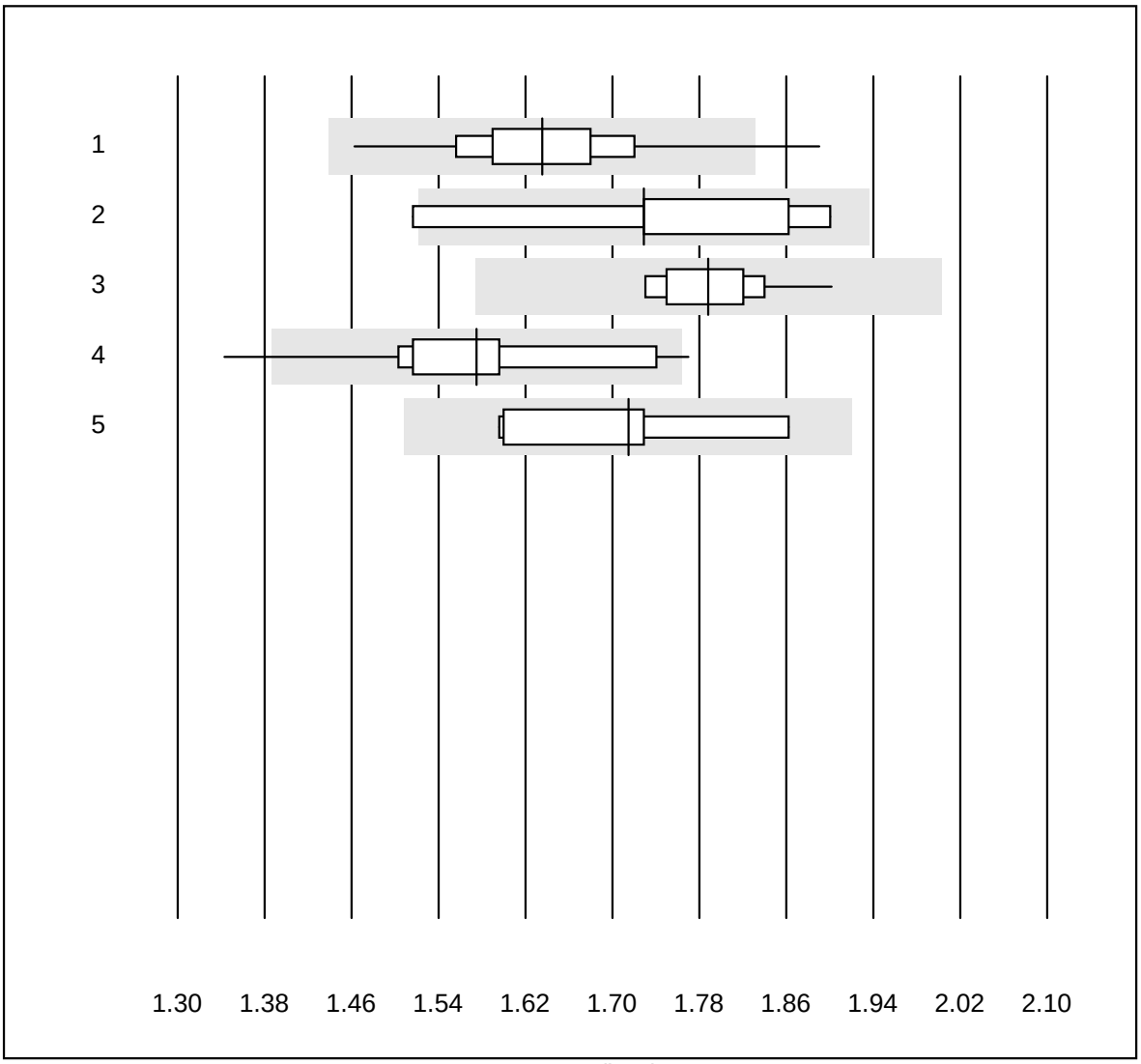


QUALAB tolerance : 1 %

pH OR ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	78	98.7	0.0	1.3	7.58	0.0	e
2	Radiometer NPT-7	6	100.0	0.0	0.0	7.61	0.2	e
3	ABL 90	25	100.0	0.0	0.0	7.60	0.0	e
4	ABL 80 / Coox	13	100.0	0.0	0.0	7.62	0.2	e
5	ABL 5	6	100.0	0.0	0.0	7.58	0.1	e

pCO2 OR

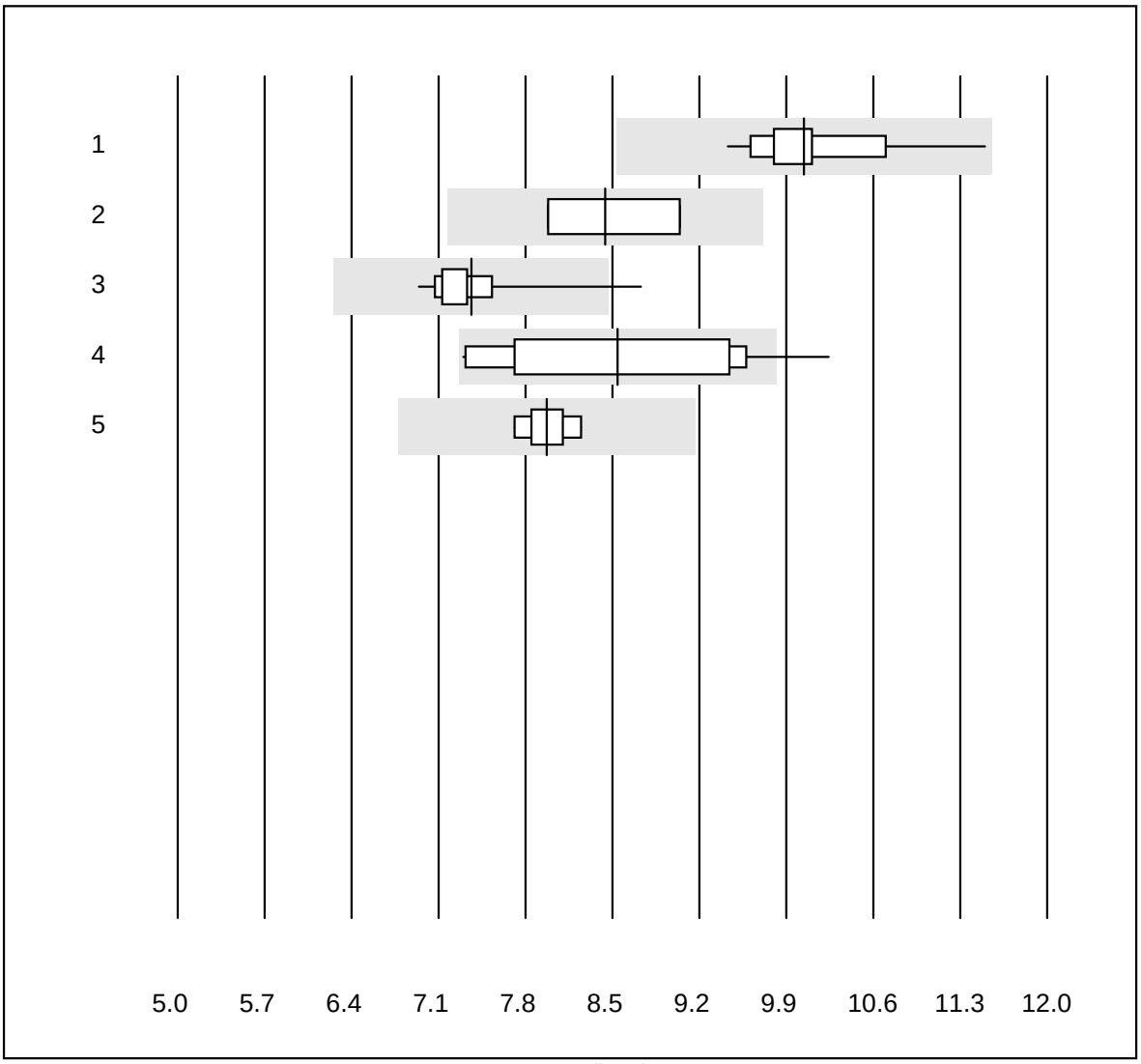


QUALAB tolerance : 12 %

pCO2 OR (kPa)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	77	97.4	2.6	0.0	1.64	4.5	e
2	Radiometer NPT-7	6	66.6	16.7	16.7	1.73	8.6	e*
3	ABL 90	25	100.0	0.0	0.0	1.79	2.5	e
4	ABL 80 / Coox	13	84.6	15.4	0.0	1.58	7.3	e*
5	ABL 5	6	100.0	0.0	0.0	1.71	5.8	e*

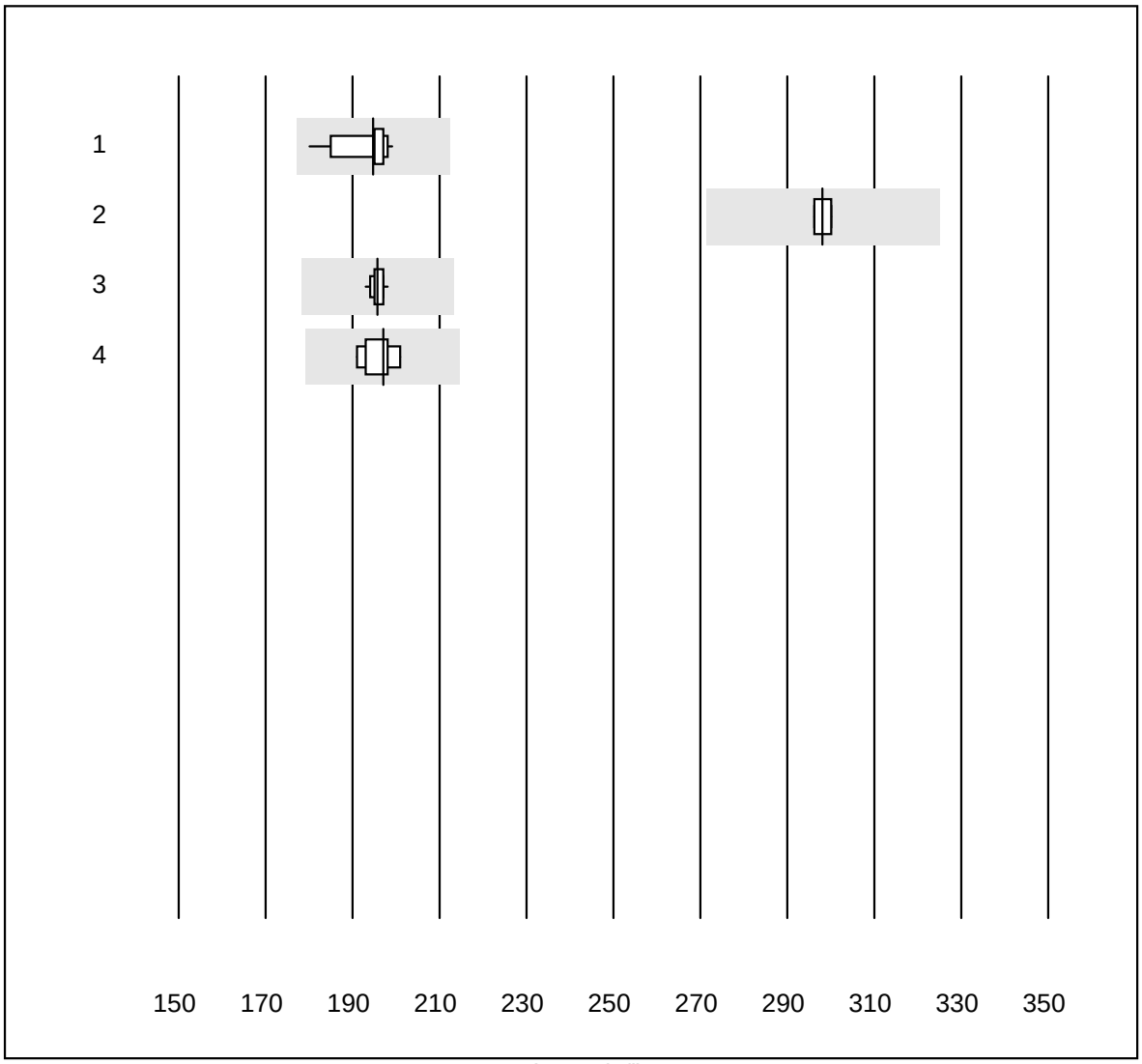
pO2 OR



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	77	92.2	0.0	7.8	10.04	4.5	e
2	Radiometer NPT-7	6	100.0	0.0	0.0	8.44	5.6	e*
3	ABL 90	25	72.0	8.0	20.0	7.36	6.2	e
4	ABL 80 / Coox	13	84.6	7.7	7.7	8.54	11.9	e*
5	ABL 5	6	100.0	0.0	0.0	7.97	2.5	e

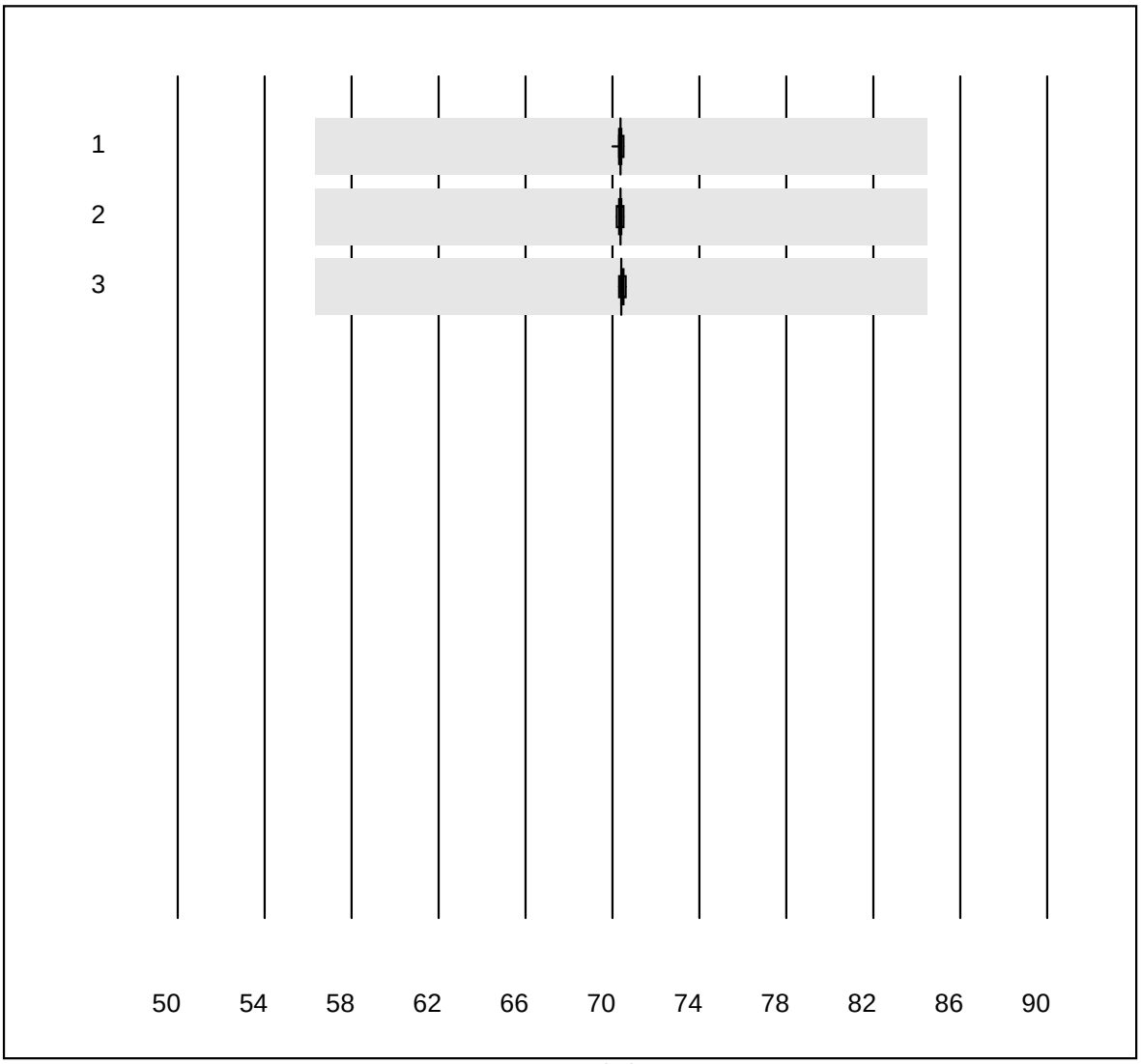
ctHb OR



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	70	95.7	0.0	4.3	194.8	2.3	e
2	Radiometer NPT-7	4	75.0	0.0	25.0	298.1	0.7	e
3	ABL 90	25	92.0	0.0	8.0	195.8	0.7	e
4	ABL 80 / Coox	9	100.0	0.0	0.0	197.0	1.7	e

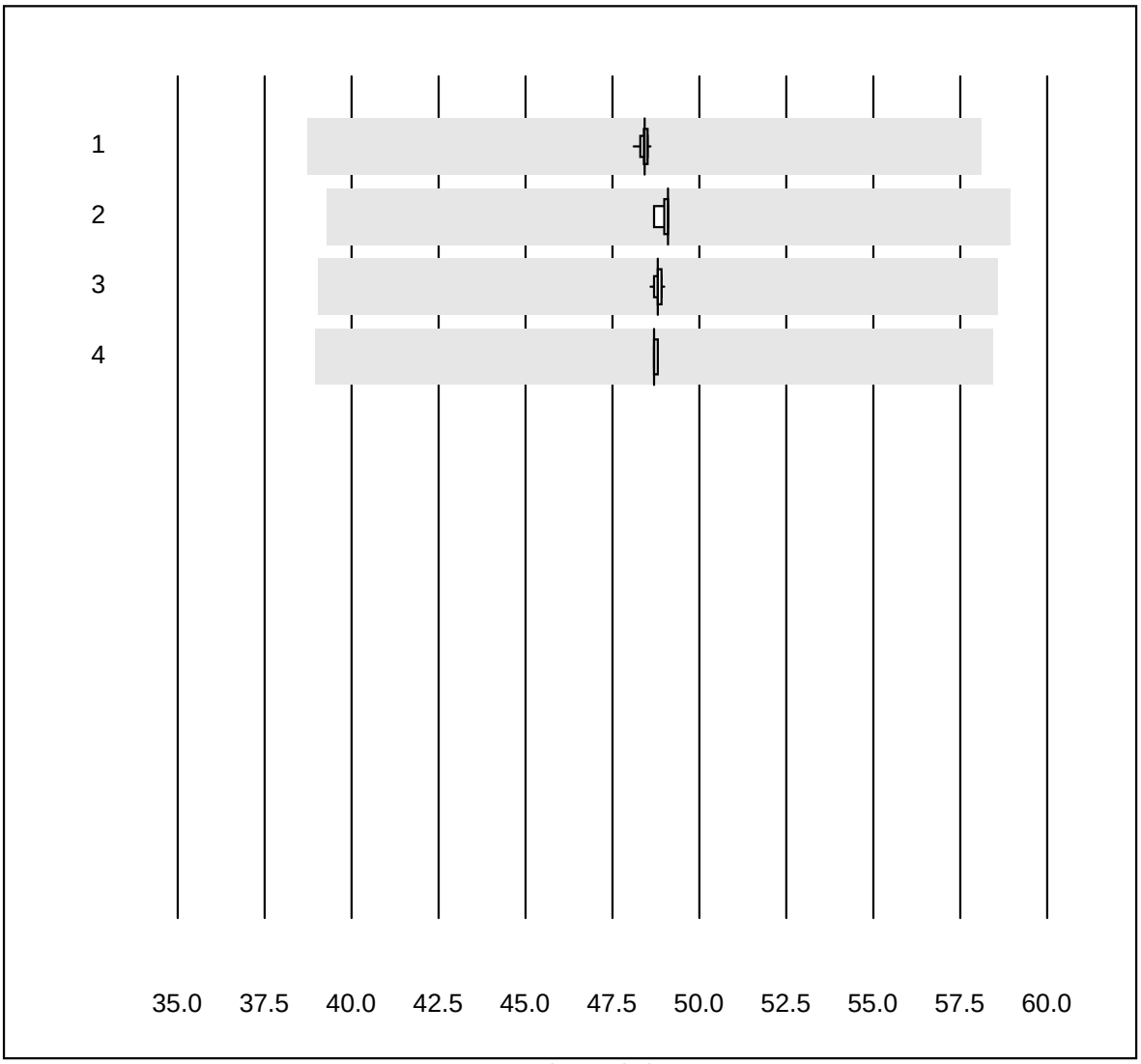
sO2 OR



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	53	100.0	0.0	0.0	70.383	0.1	e
2	ABL 90	23	100.0	0.0	0.0	70.378	0.1	e
3	ABL 80 / Coox	9	100.0	0.0	0.0	70.400	0.1	e

FO2Hb OR

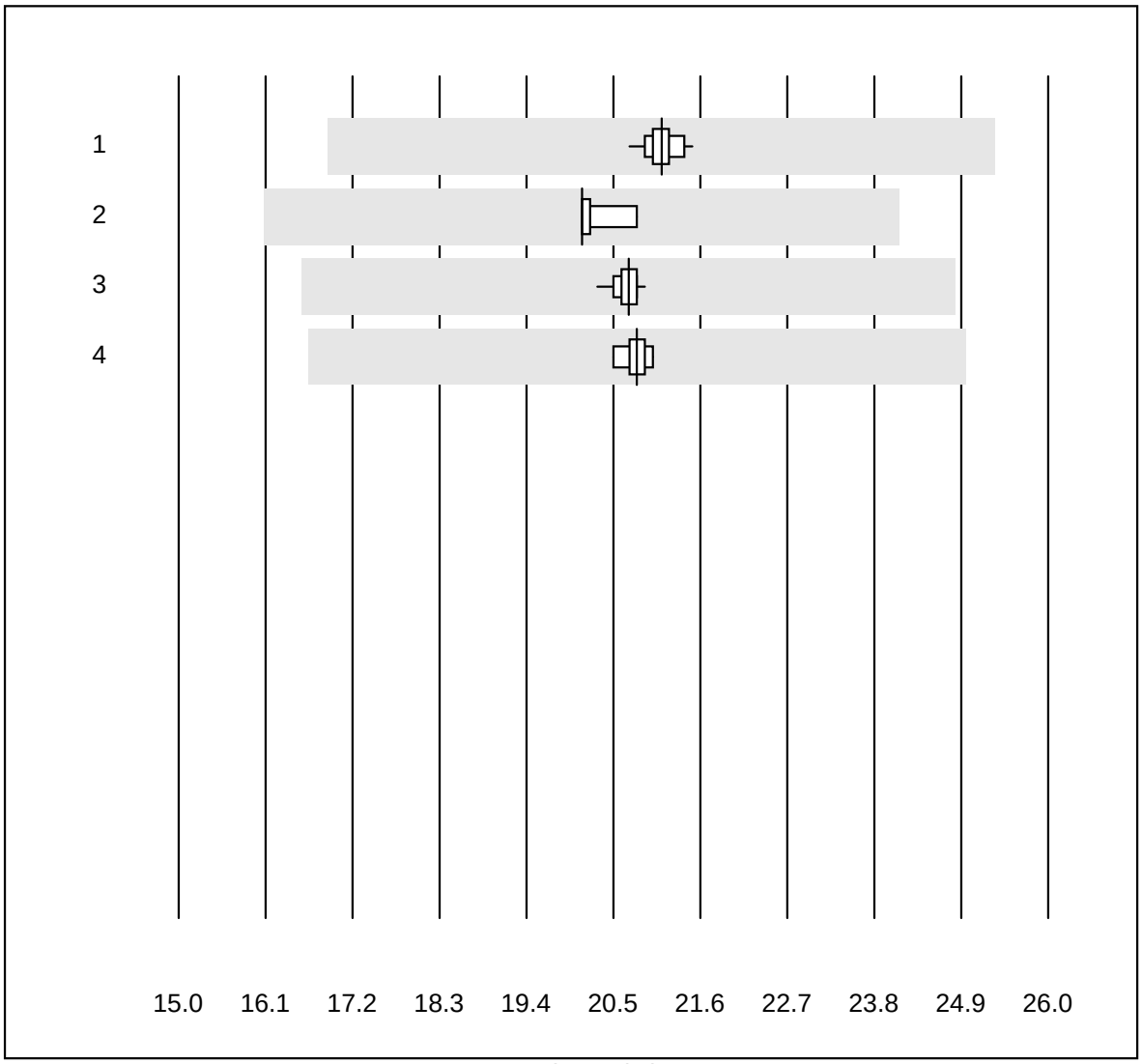


QUALAB tolerance : 20 %

FO2Hb OR (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	49	100.0	0.0	0.0	48.422	0.2	e
2	Radiometer NPT-7	5	100.0	0.0	0.0	49.100	0.4	e
3	ABL 90	23	100.0	0.0	0.0	48.804	0.2	e
4	ABL 80 / Coox	9	100.0	0.0	0.0	48.700	0.1	e

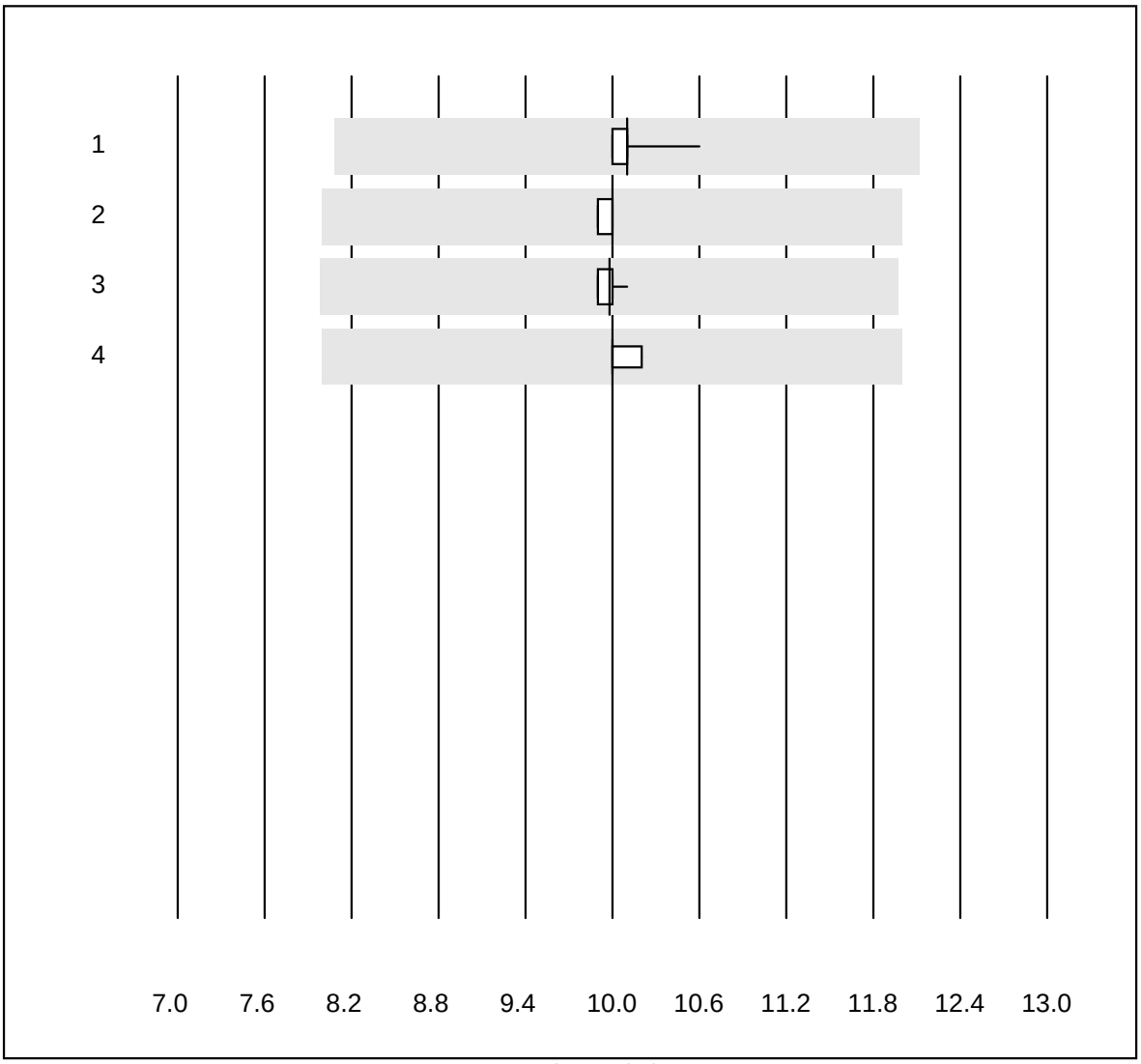
FCOHb OR



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	50	100.0	0.0	0.0	21.106	0.9	e
2	Radiometer NPT-7	5	100.0	0.0	0.0	20.100	1.5	e
3	ABL 90	23	100.0	0.0	0.0	20.691	0.7	e
4	ABL 80 / Coox	9	100.0	0.0	0.0	20.800	0.8	e

FMetHb OR

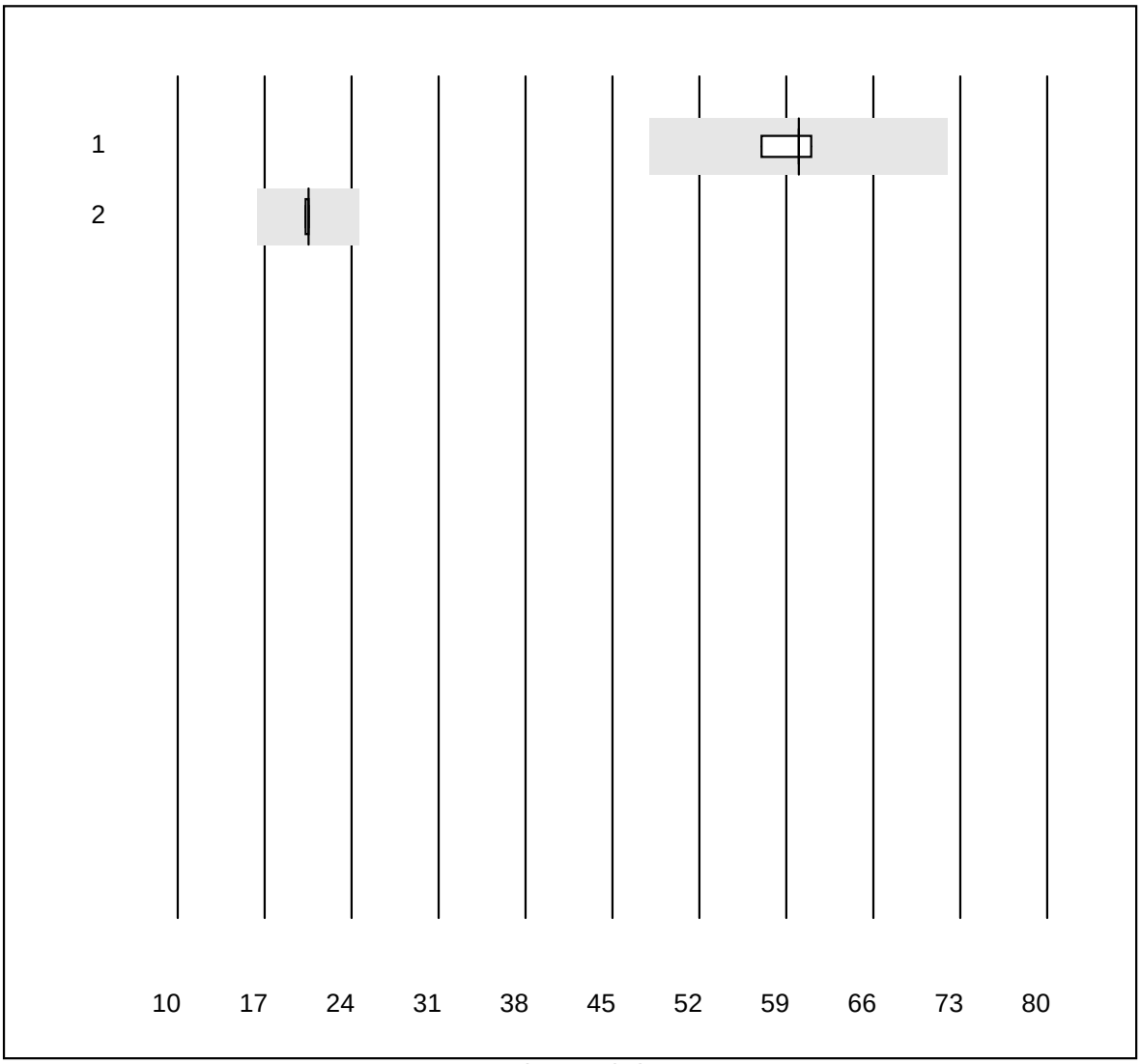


QUALAB tolerance : 20 %

FMetHb OR (%)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	51	100.0	0.0	0.0	10.100	1.0	e
2	Radiometer NPT-7	5	100.0	0.0	0.0	10.000	0.5	e
3	ABL 90	23	100.0	0.0	0.0	9.978	0.6	e
4	ABL 80 / Coox	9	100.0	0.0	0.0	10.000	0.7	e

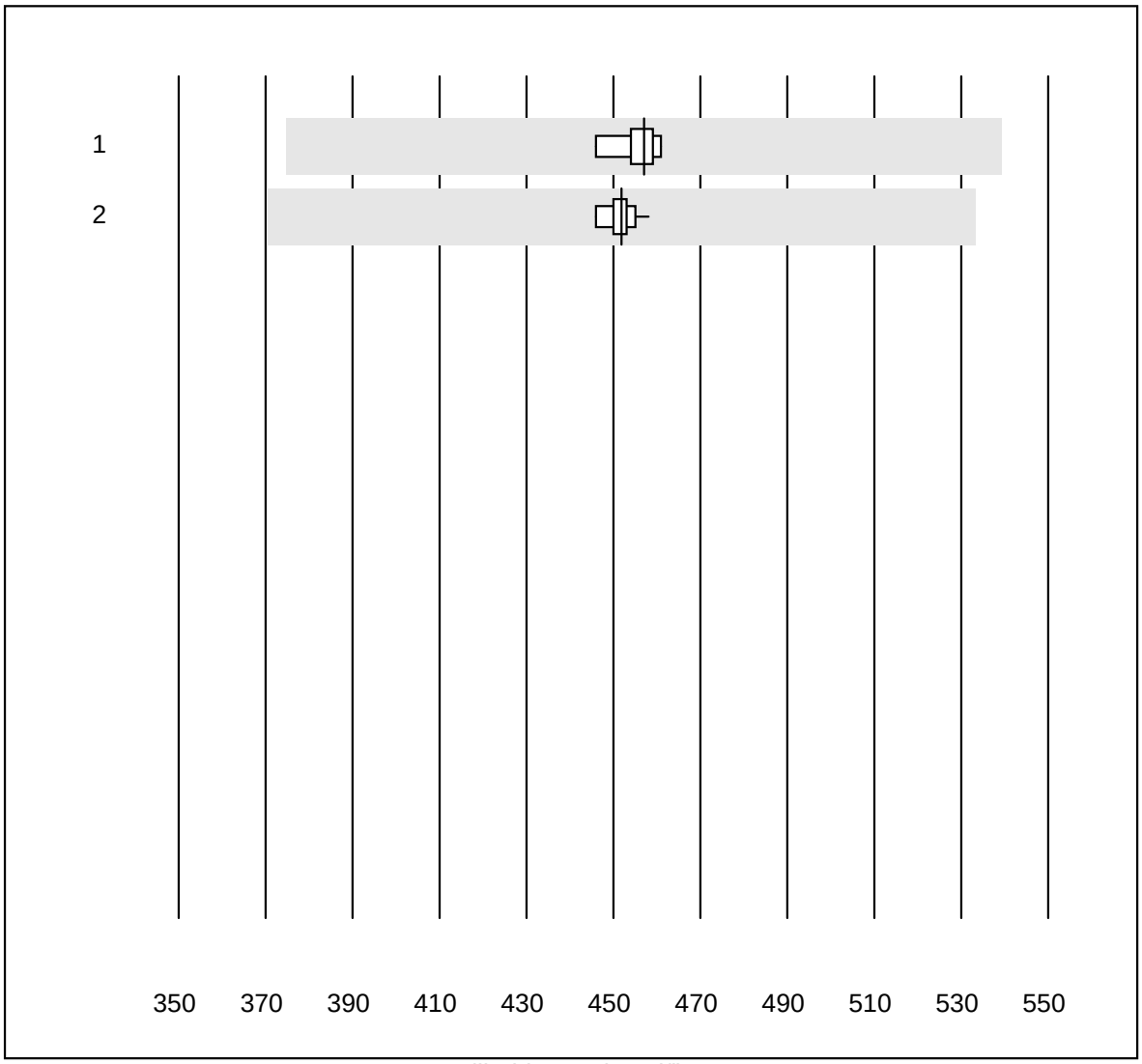
FHbF OR



QUALAB tolerance : 20 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL 90	6	100.0	0.0	0.0	60.000	2.3	e
2	ABL 80 / Coox	4	100.0	0.0	0.0	20.500	0.5	e

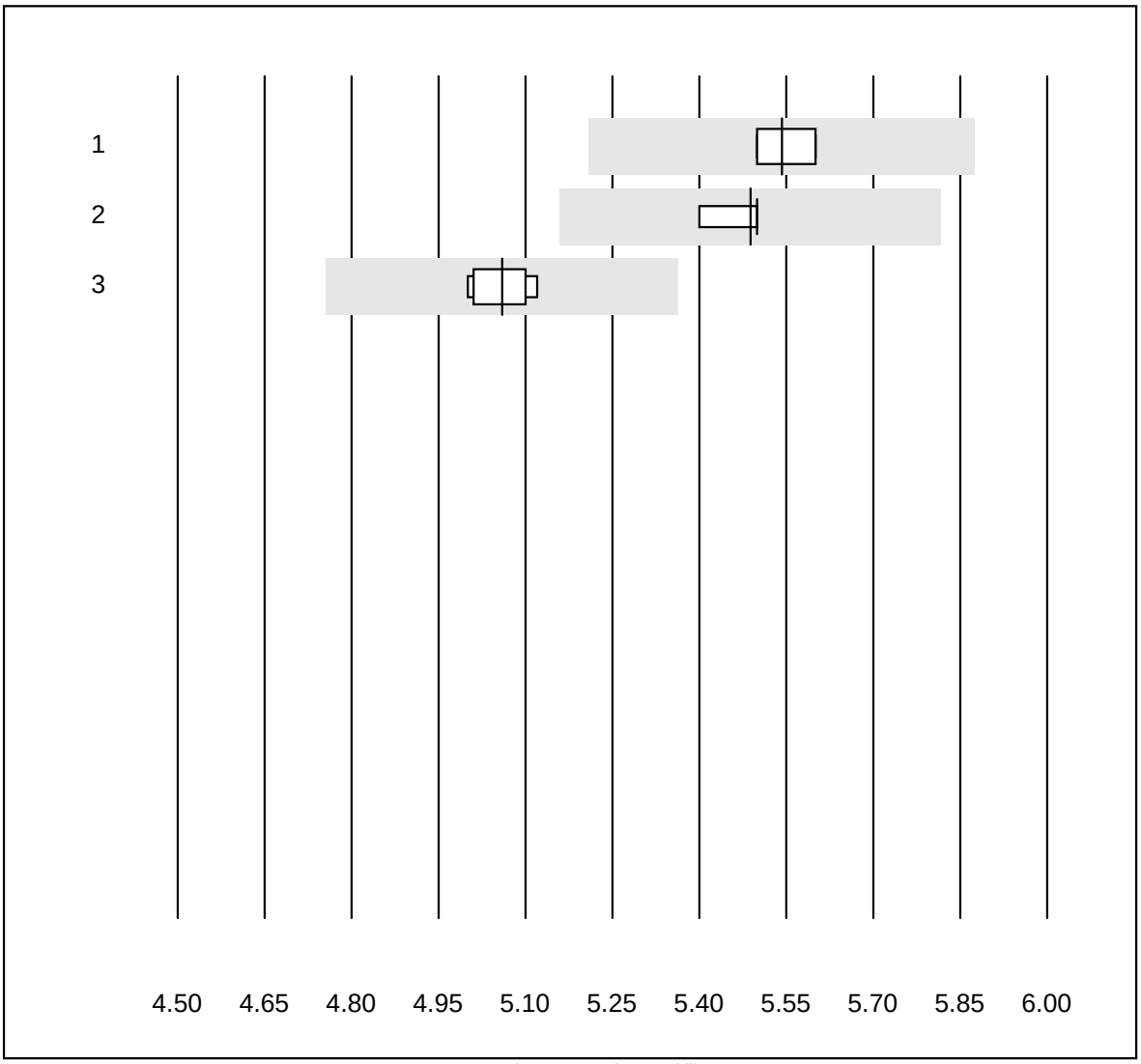
Bilirubin OR



QUALAB tolerance : 18 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	8	100.0	0.0	0.0	457.0	1.0	e
2	ABL 90	10	100.0	0.0	0.0	451.9	0.8	e

Potassium OR

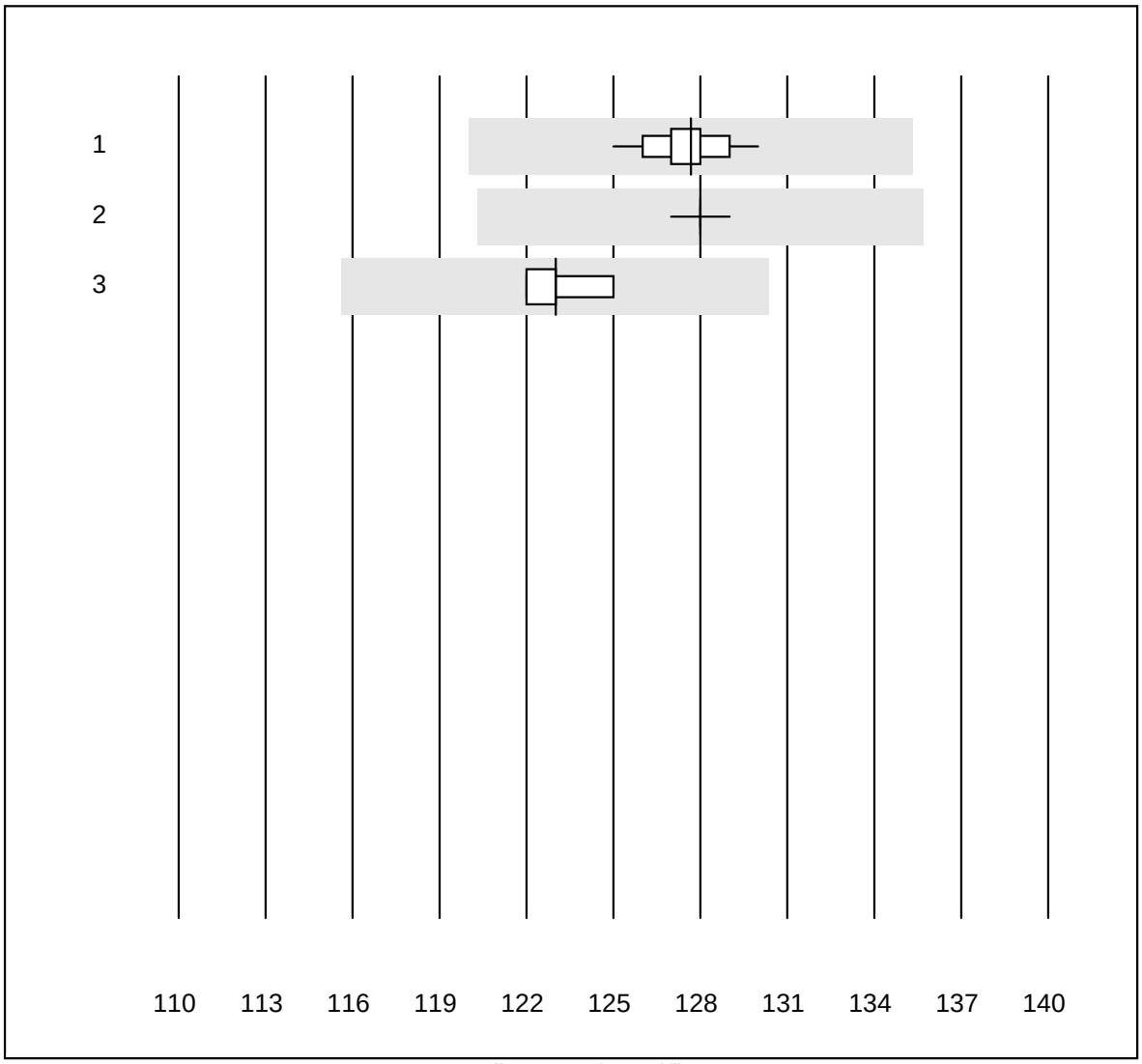


QUALAB tolerance : 6 %

Potassium OR (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	65	98.5	0.0	1.5	5.5	0.9	e
2	ABL 90	25	100.0	0.0	0.0	5.5	0.6	e
3	ABL 80 / Coox	5	100.0	0.0	0.0	5.1	1.0	e

Sodium OR

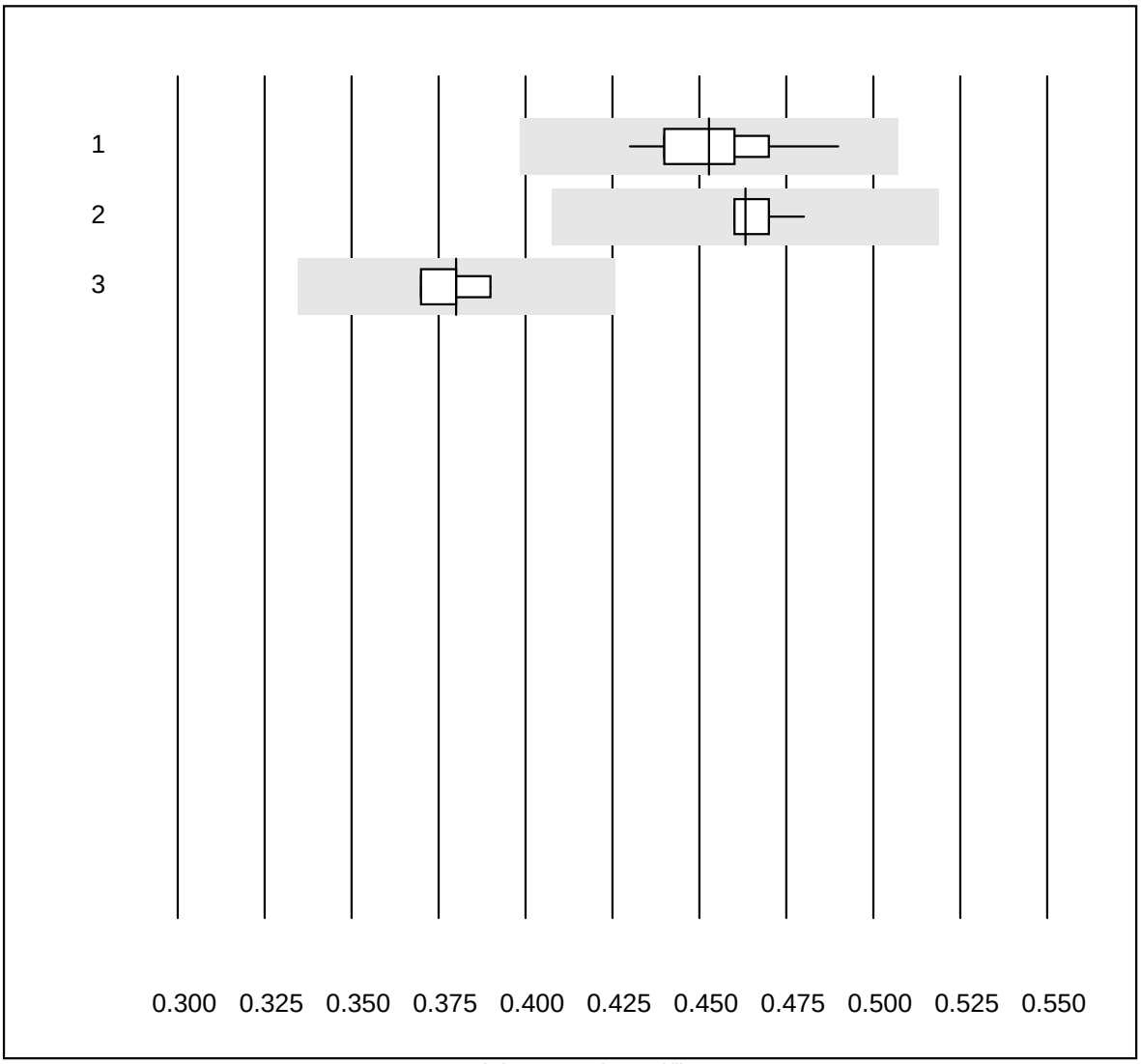


QUALAB tolerance : 6 %

Sodium OR (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	63	100.0	0.0	0.0	127.7	0.7	e
2	ABL 90	25	100.0	0.0	0.0	128.0	0.3	e
3	ABL 80 / Coox	4	100.0	0.0	0.0	123.0	1.0	e

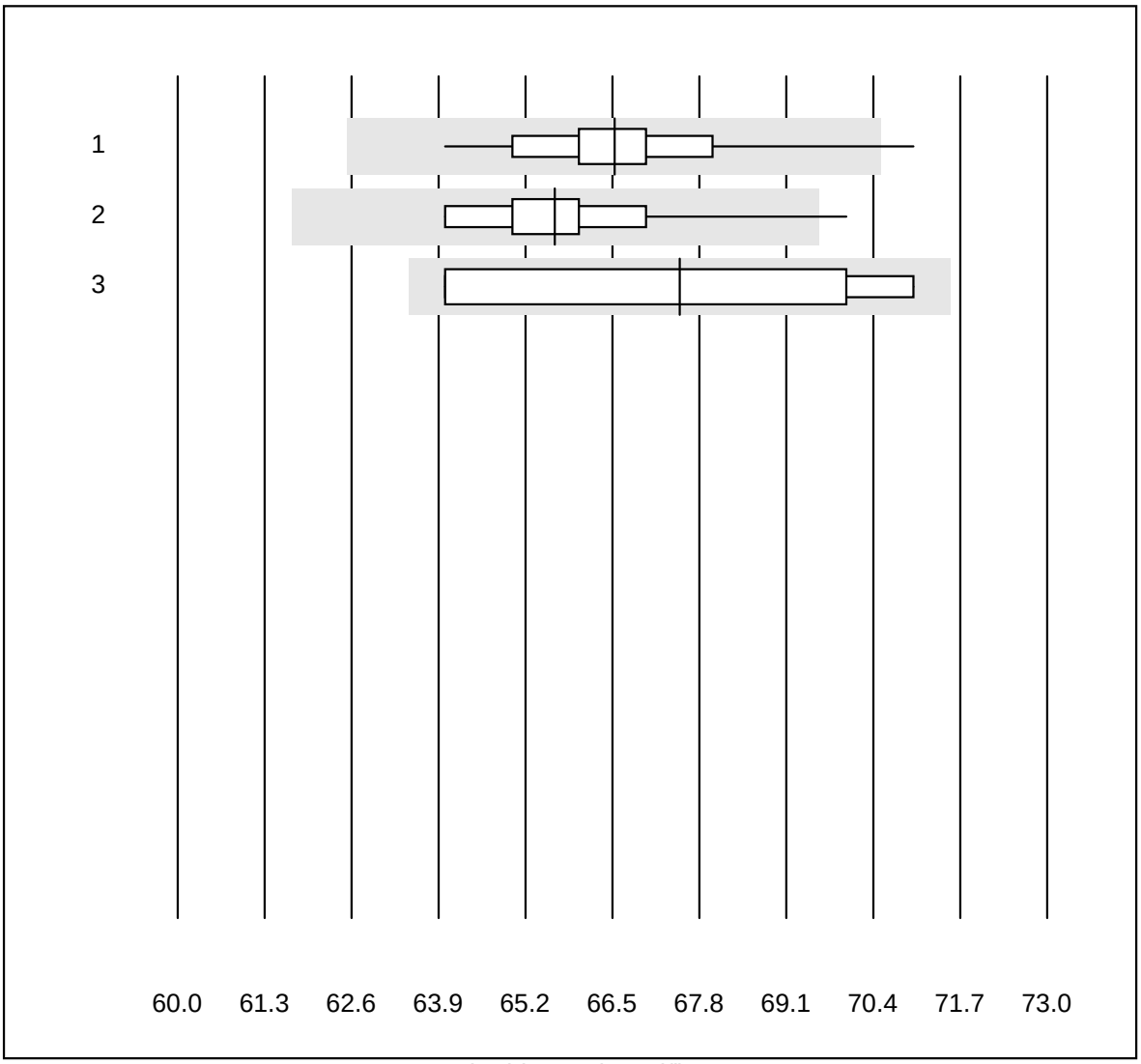
Calcium OR



QUALAB tolerance : 12 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	64	98.4	0.0	1.6	0.45	2.8	e
2	ABL 90	25	100.0	0.0	0.0	0.46	1.2	e
3	ABL 80 / Coox	5	100.0	0.0	0.0	0.38	2.2	e

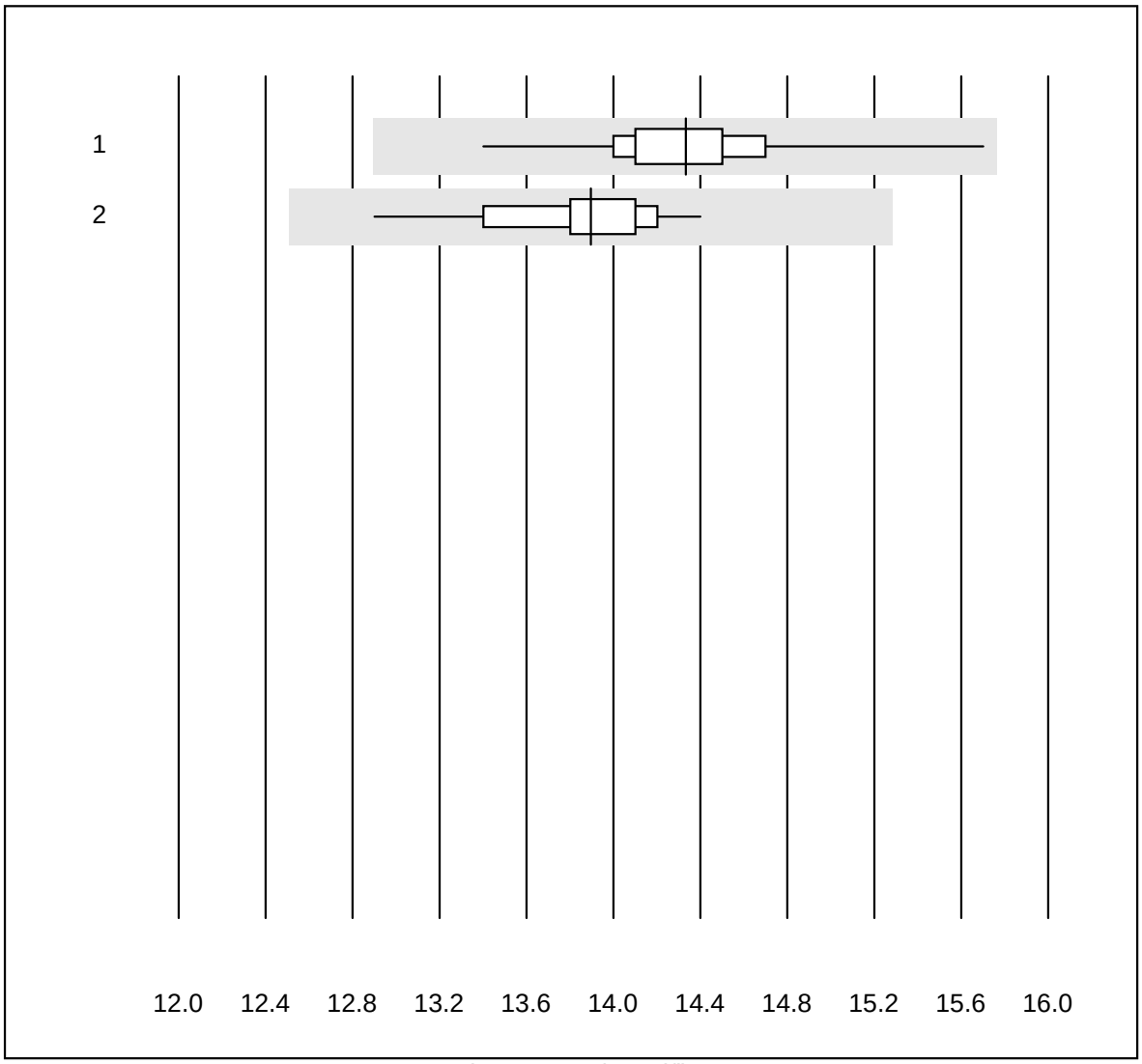
Choride OR



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	53	98.1	1.9	0.0	66.53	1.9	e
2	ABL 90	25	96.0	4.0	0.0	65.64	2.1	e
3	ABL 80 / Coox	4	100.0	0.0	0.0	67.50	5.2	e*

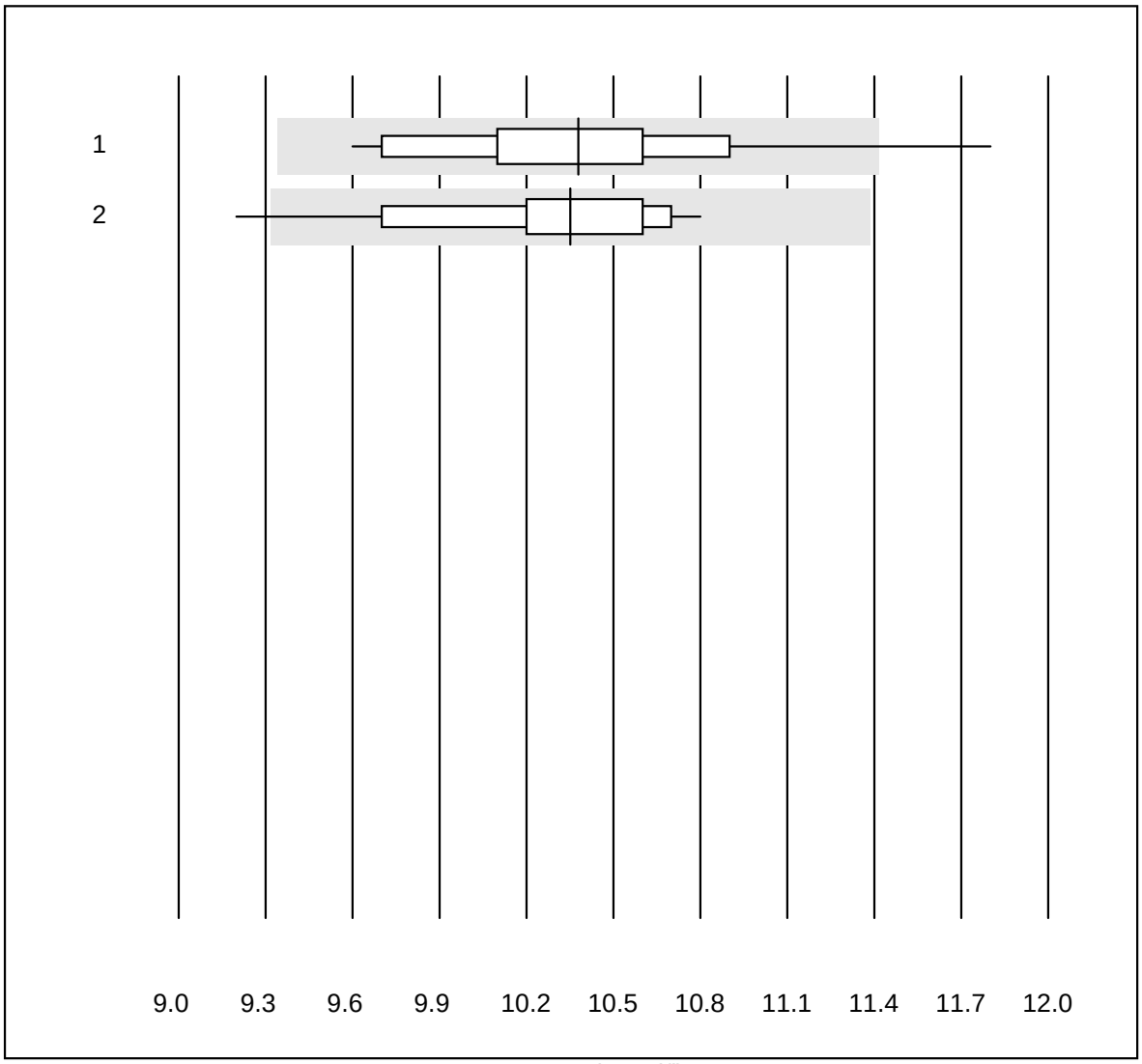
Glucose OR



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	65	100.0	0.0	0.0	14.3	2.9	e
2	ABL 90	25	100.0	0.0	0.0	13.9	2.6	e

Lactate OR

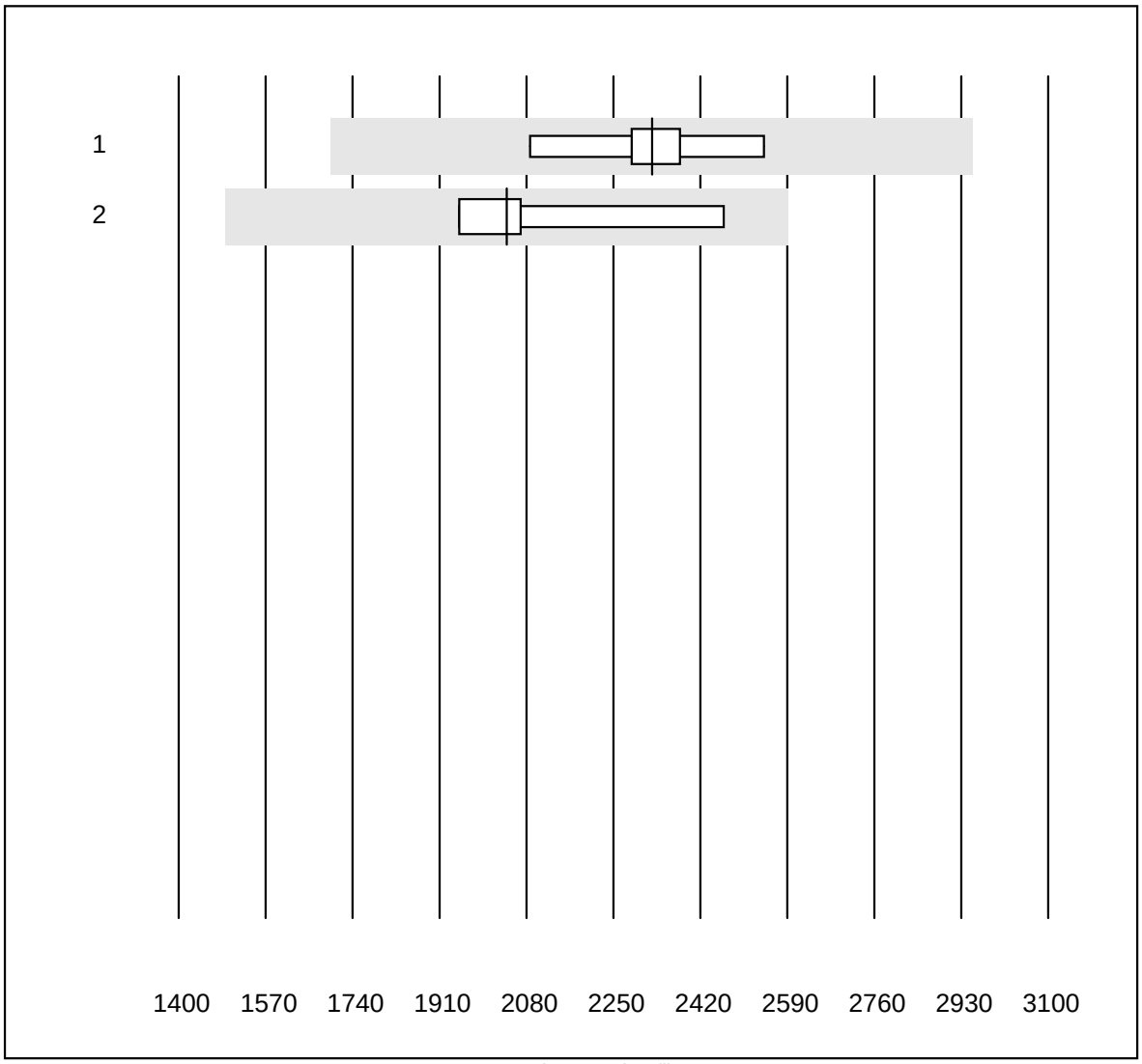


QUALAB tolerance : 10 %

Lactate OR (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ABL700/800 Radiomete	67	95.5	1.5	3.0	10.38	4.1	e
2	ABL 90	25	96.0	4.0	0.0	10.35	3.7	e

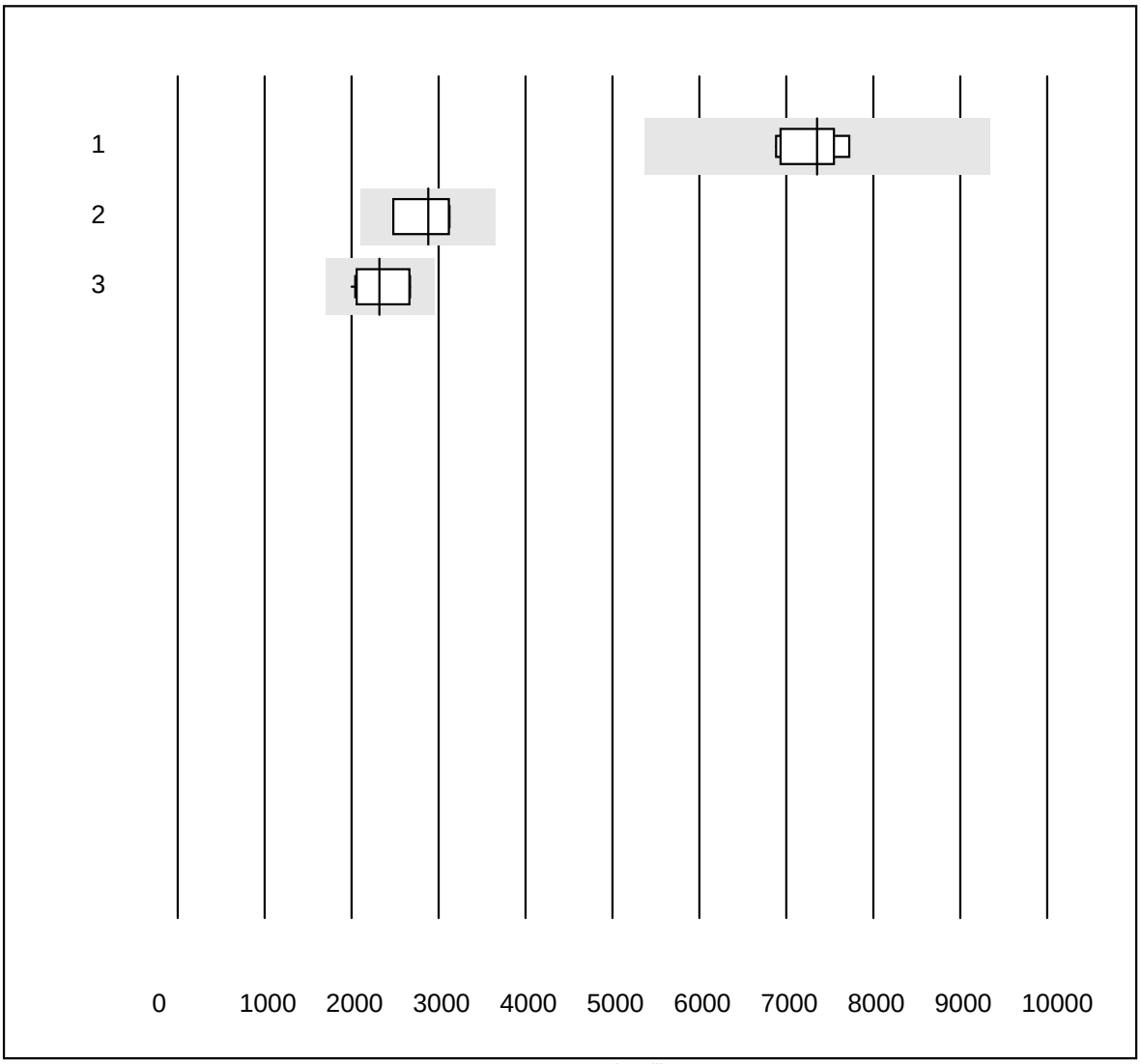
BNP Plasma



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	2325.0	7.1	a
2	Architect	4	100.0	0.0	0.0	2041.0	10.9	e*

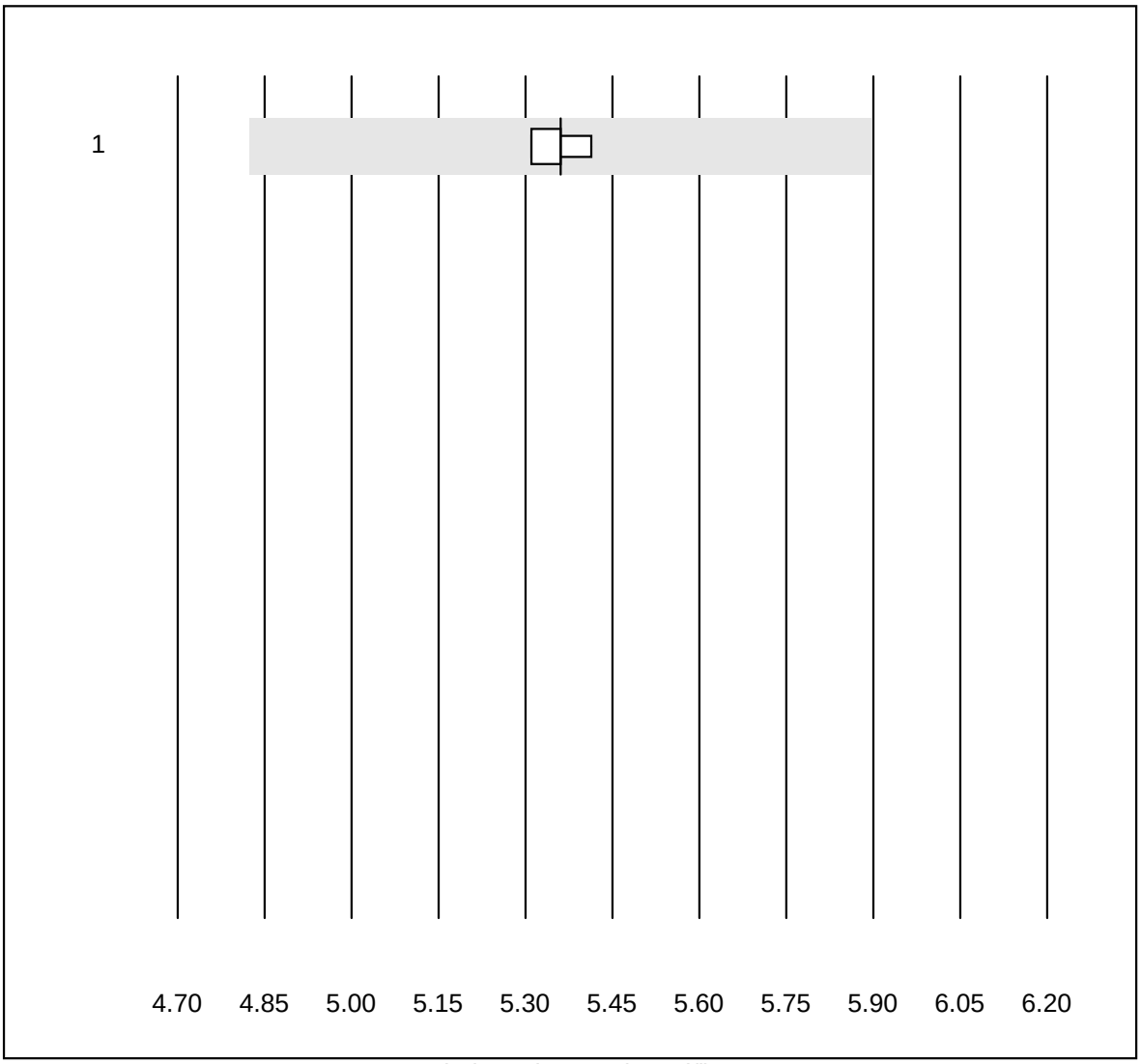
NT-proBNP



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	AQT 90 FLEX	6	100.0	0.0	0.0	7355.0	4.6	e
2	Vidas	4	100.0	0.0	0.0	2881.0	11.7	e*
3	Cobas E / Elecsys	11	100.0	0.0	0.0	2320.0	12.3	e*

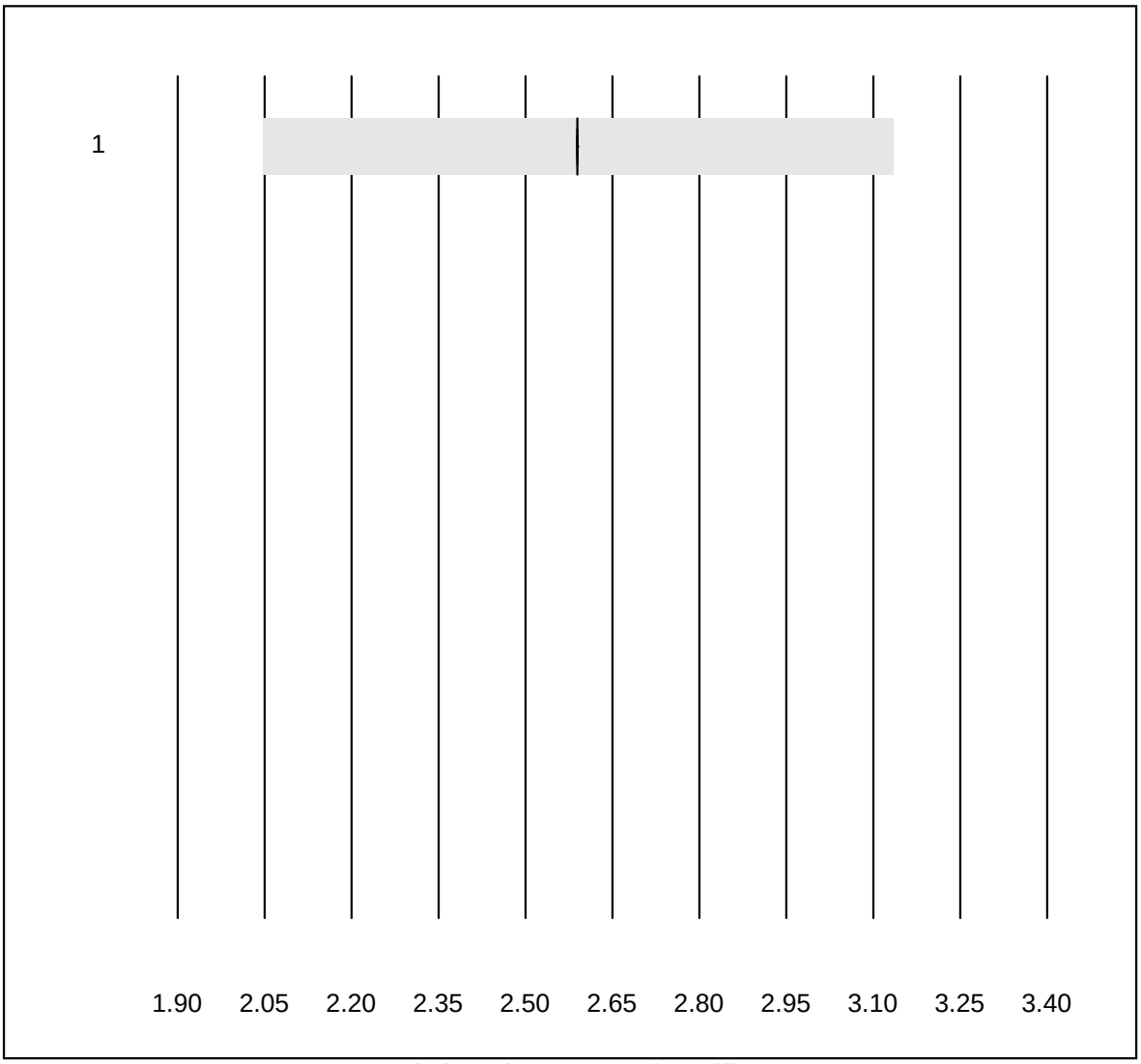
Cholesterin PTS



QUALAB tolerance : 10 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	4	100.0	0.0	0.0	5.4	0.8	e

Cholesterin HDL PTS

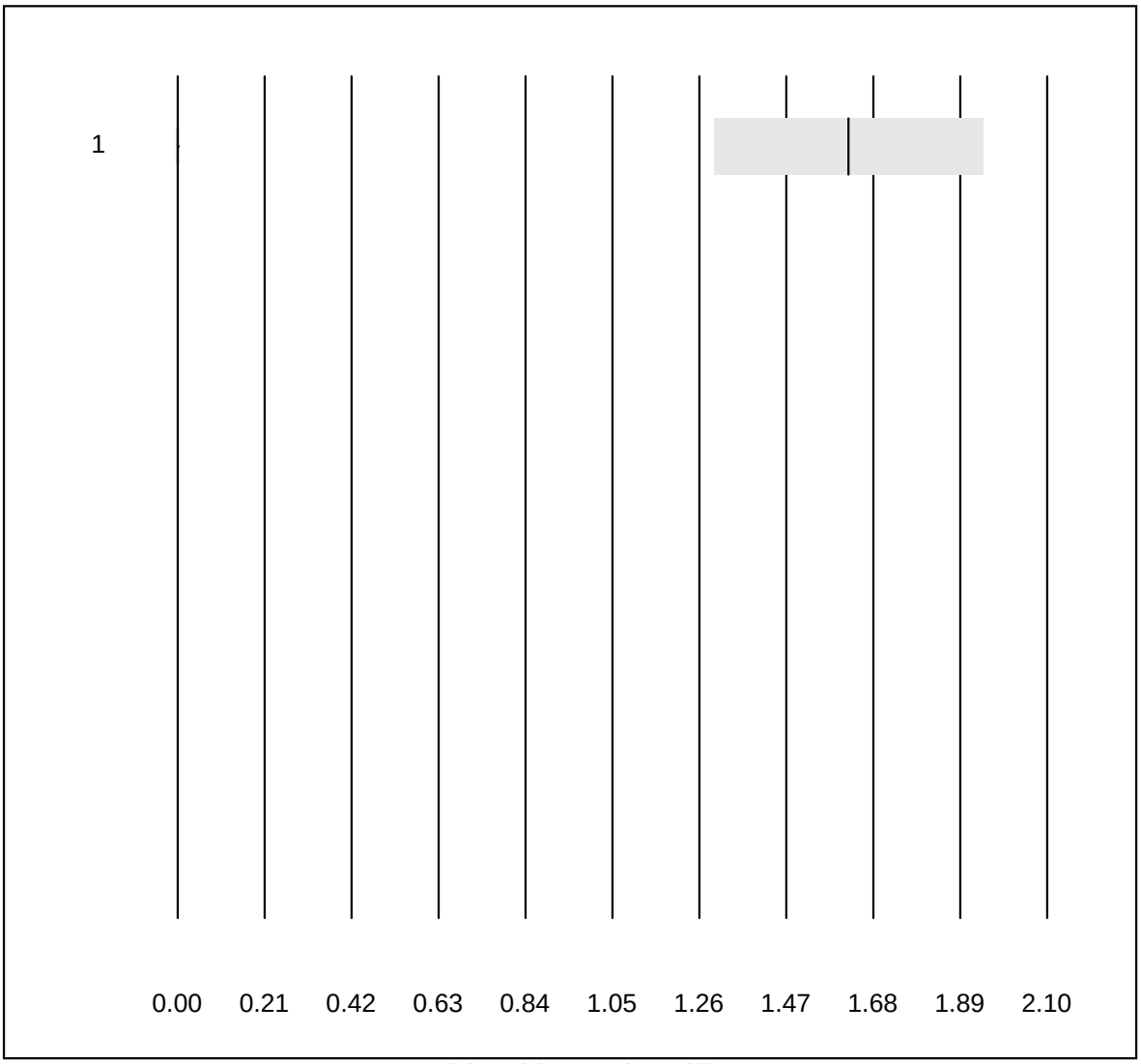


QUALAB tolerance : 21 %

Cholesterin HDL PTS (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	4	100.0	0.0	0.0	2.6	0.0	e

Triglyceride PTS

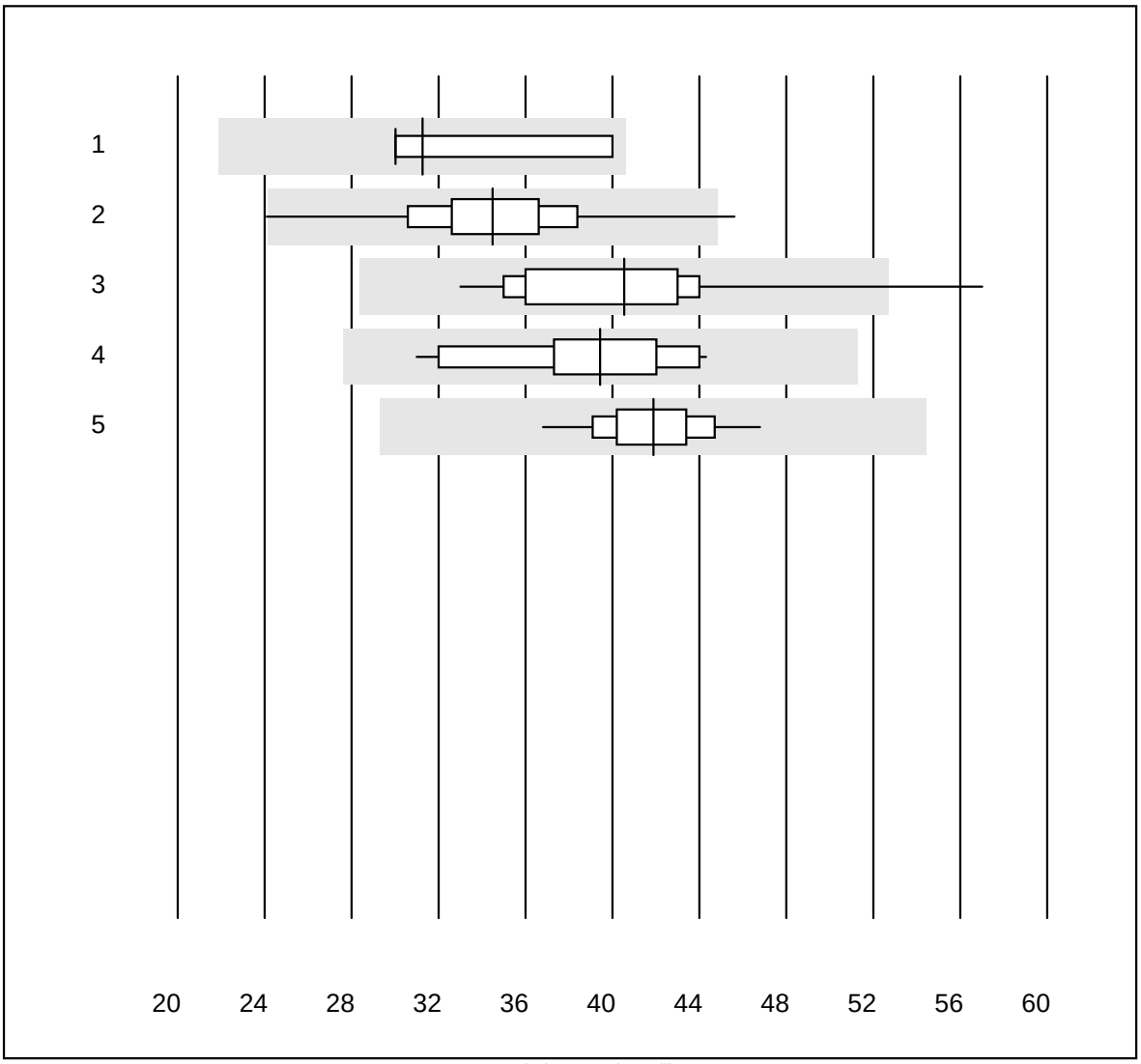


QUALAB tolerance : 20 %

Triglyceride PTS (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CardioChek	4	0.0	0.0	100.0	1.62	0.0	e

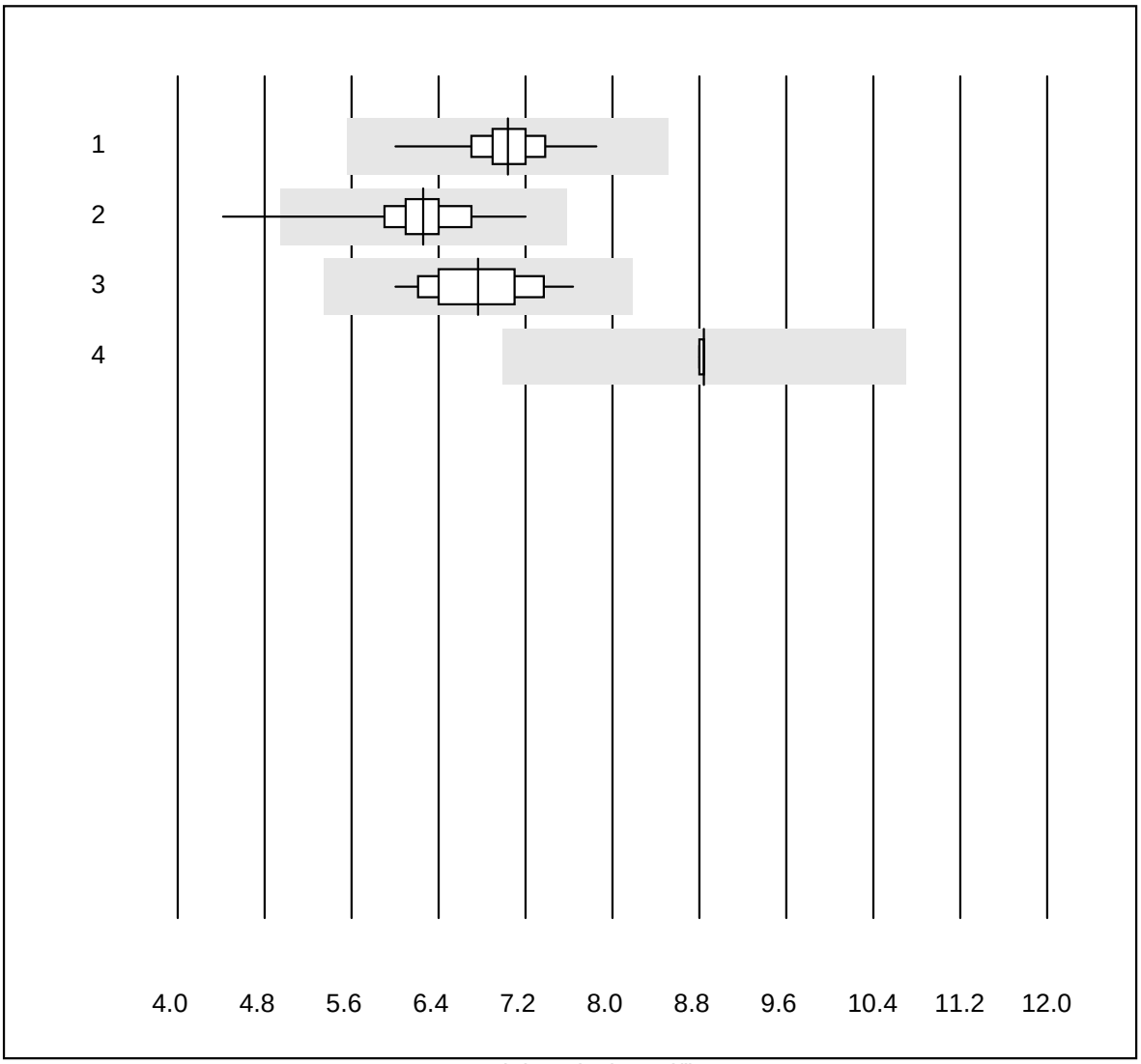
Creatinine U



QUALAB tolerance : 30 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Siemens Clinitek	10	90.0	0.0	10.0	31.3	10.7	e
2	Afinion	323	97.5	0.6	1.9	34.5	9.2	e
3	NycoCard	16	74.9	6.3	18.8	40.5	15.2	e*
4	Turbidimetry	16	100.0	0.0	0.0	39.4	10.0	e
5	DCA2000/Vantage	112	97.3	0.0	2.7	41.9	5.3	e

Creatinin Urin

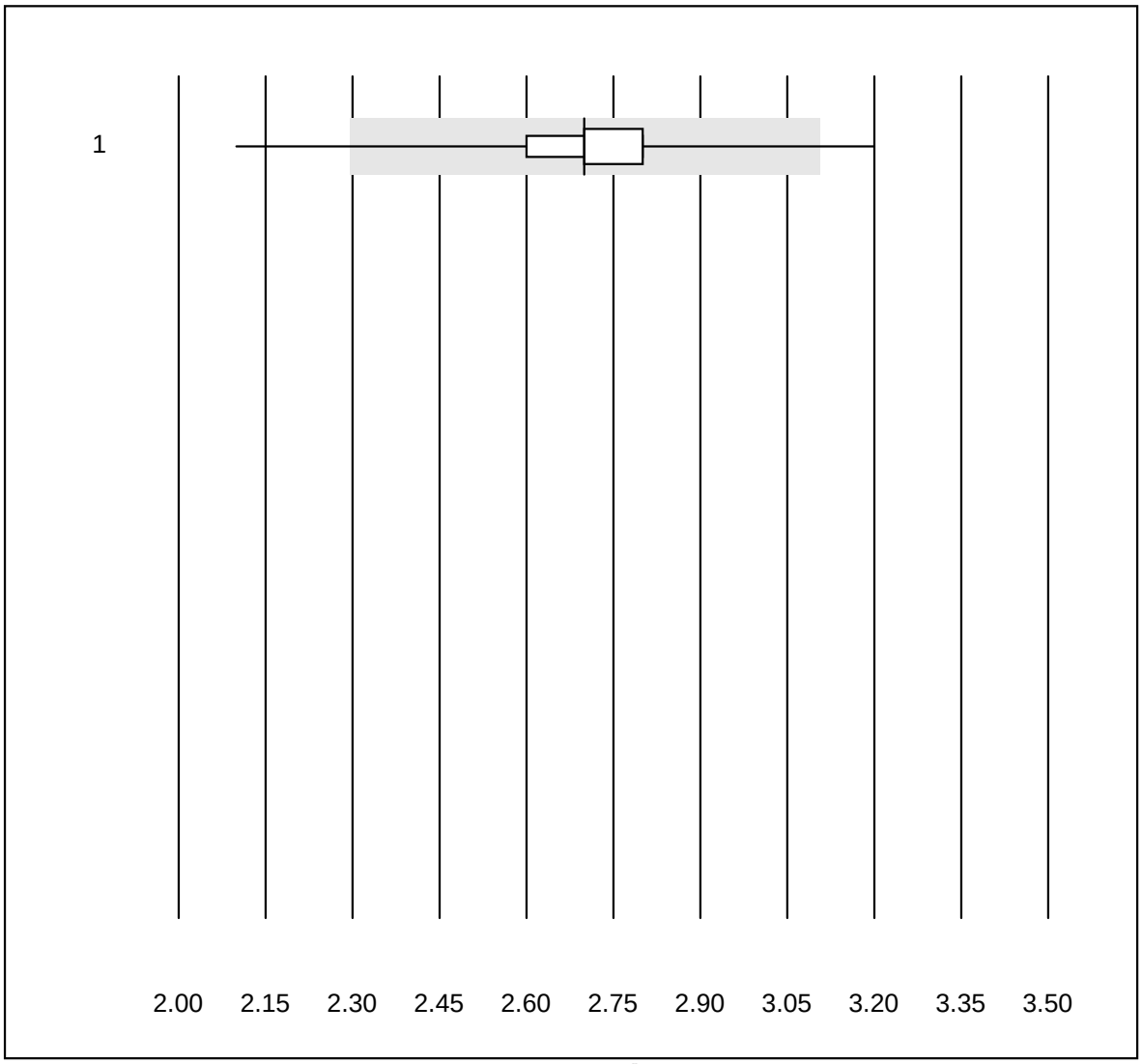


QUALAB tolerance : 21 %

Creatinin Urin (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	DCA2000/Vantage	112	97.3	0.0	2.7	7.0	4.0	e
2	Afinion	323	99.1	0.3	0.6	6.3	5.2	e
3	Standard chemistry	26	100.0	0.0	0.0	6.8	6.4	e
4	Siemens Clinitek	9	88.9	0.0	11.1	8.8	0.2	e

INR CCXS

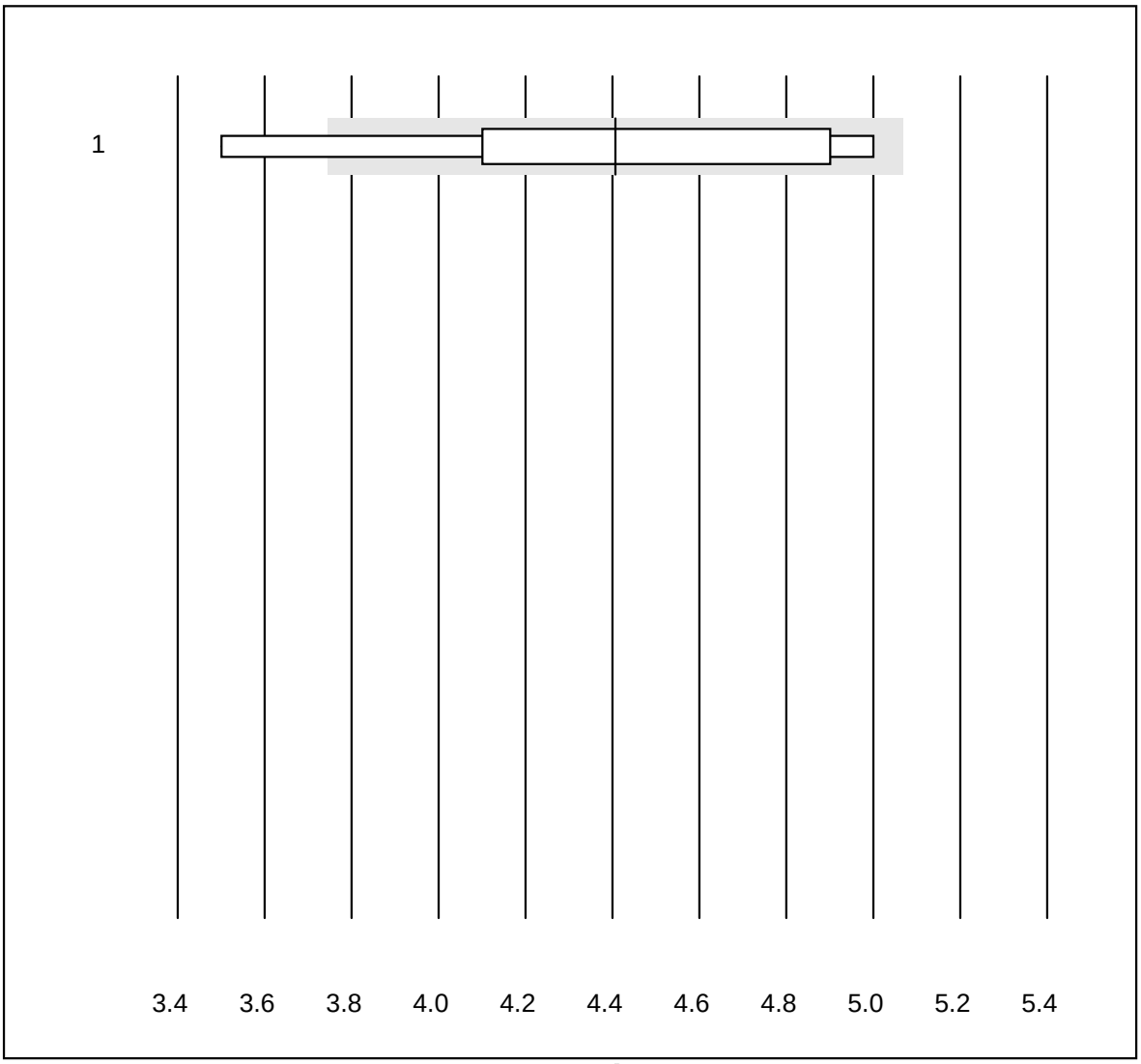


QUALAB tolerance : 15 %

INR CCXS ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	CoaguChek XS	2336	98.8	0.7	0.5	2.7	4.2	e

INR HC

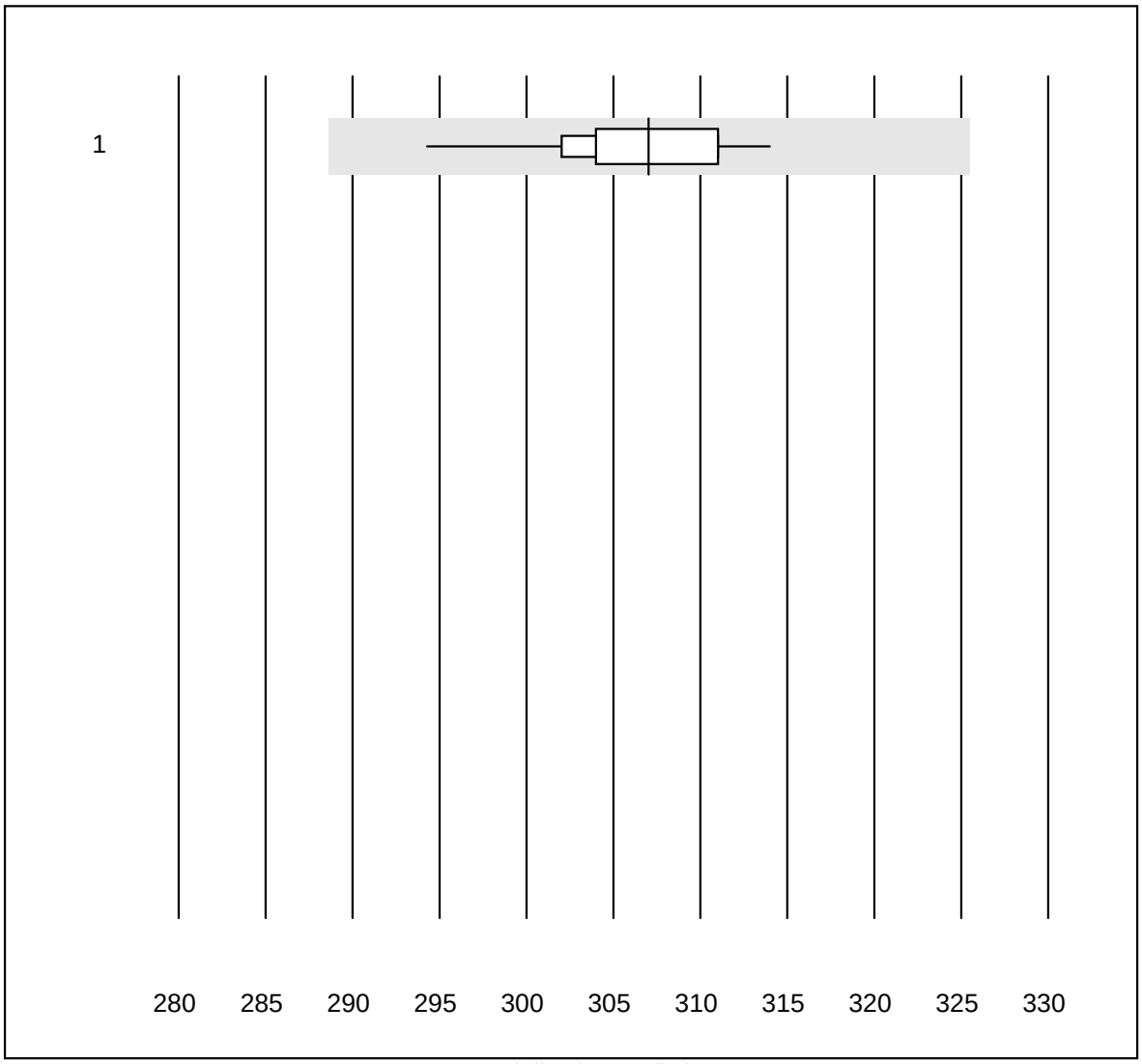


QUALAB tolerance : 15 %

INR HC ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Hemochron j.	21	71.5	9.5	19.0	4.4	11.8	e*

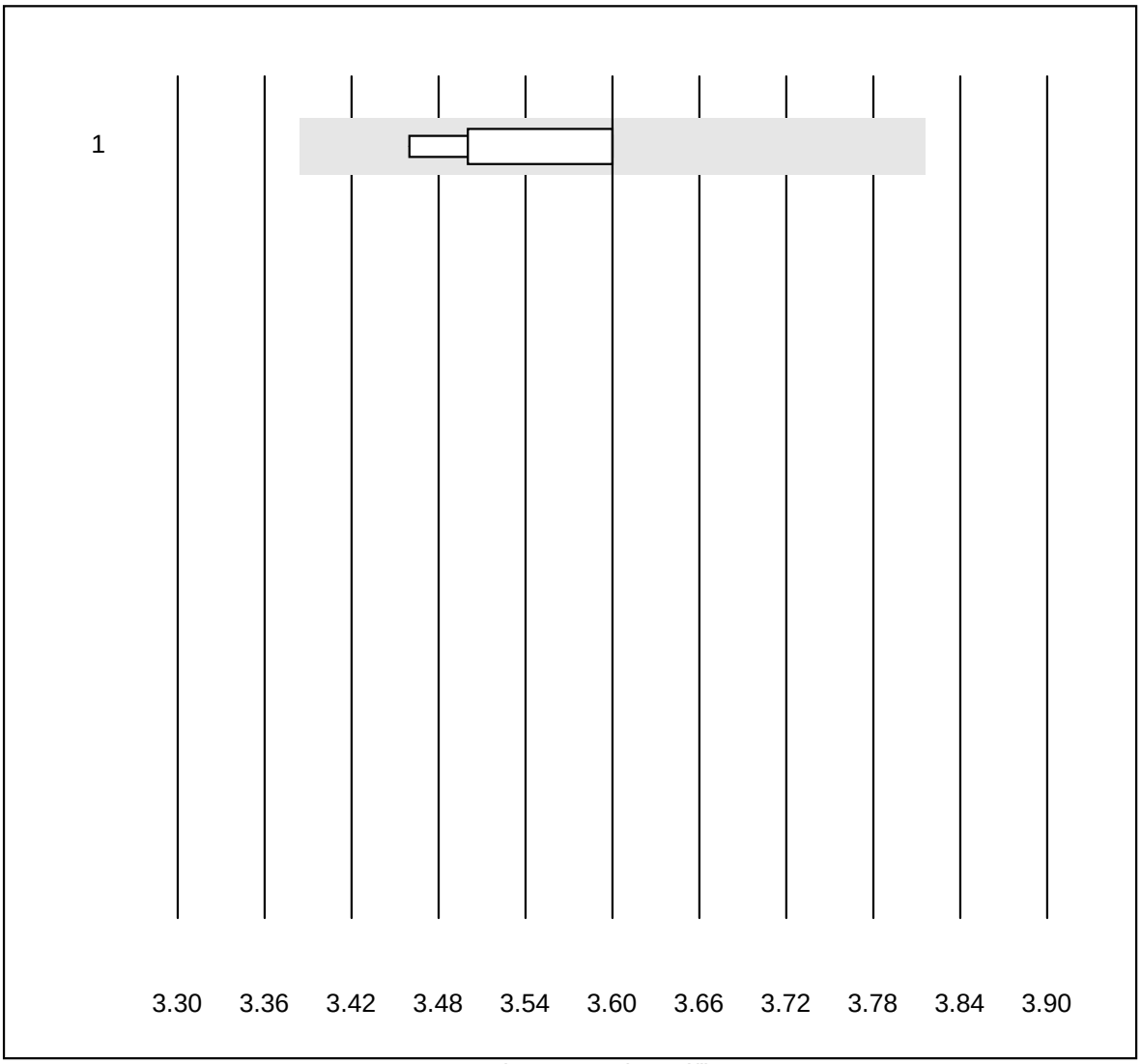
Osmolality



QUALAB tolerance : 6 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cryoskopy	11	100.0	0.0	0.0	307	1.8	e

Potassium - K22

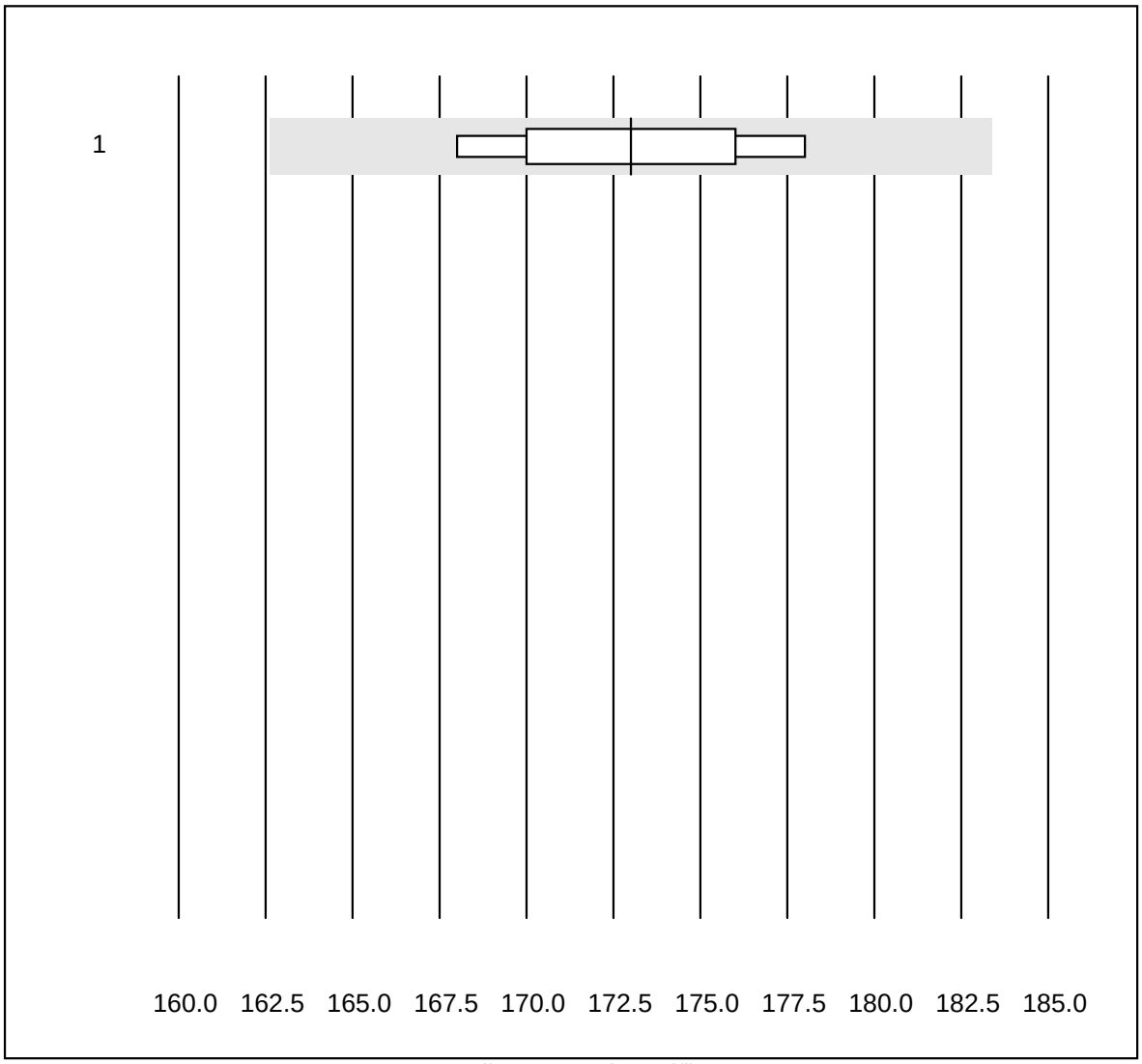


QUALAB tolerance : 6 %

Potassium - K22 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	9	100.0	0.0	0.0	3.6	1.7	e

Sodium - K22

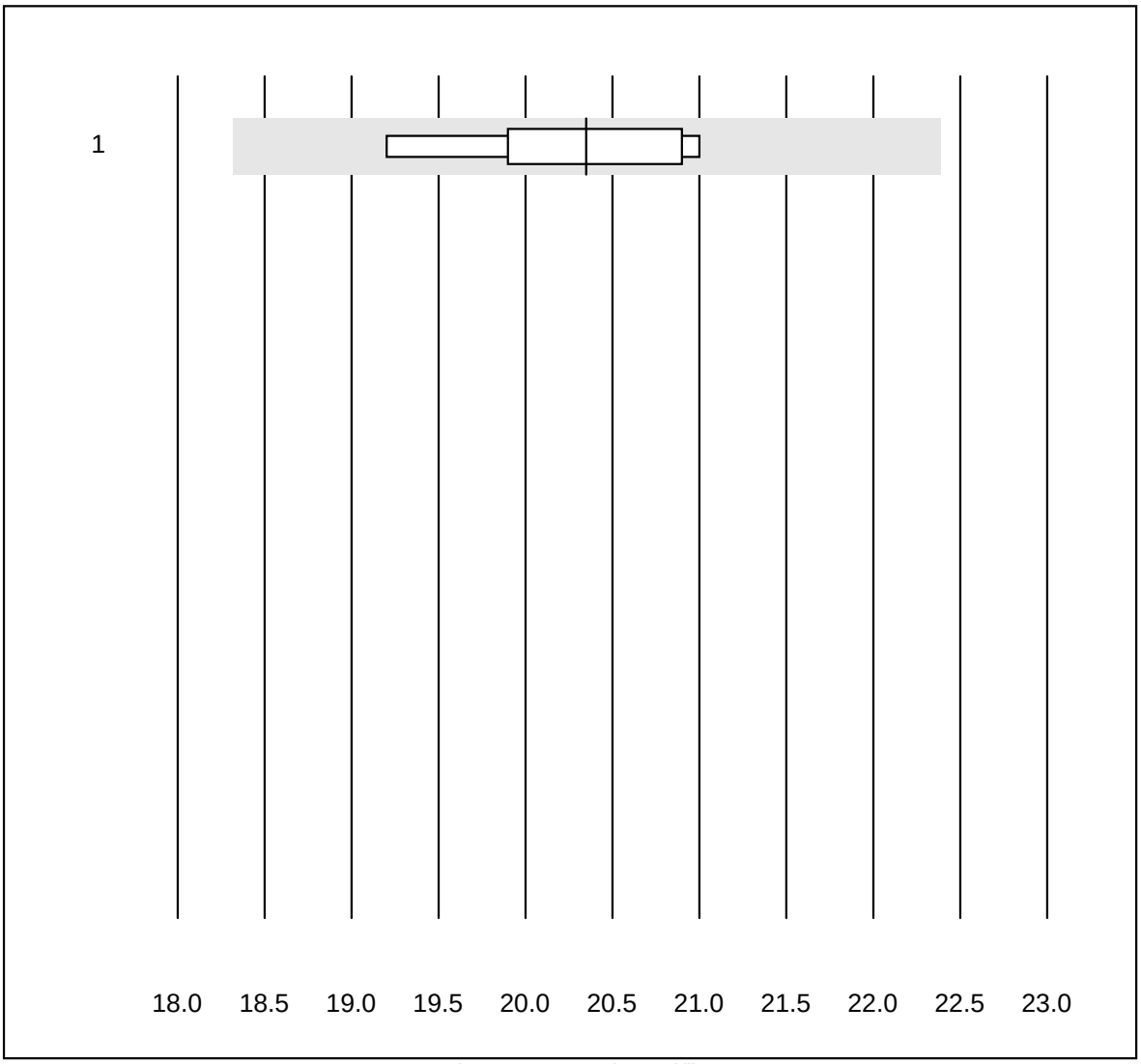


QUALAB tolerance : 6 %

Sodium - K22 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	ISE	8	100.0	0.0	0.0	173	2.1	e*

Glucose - K22

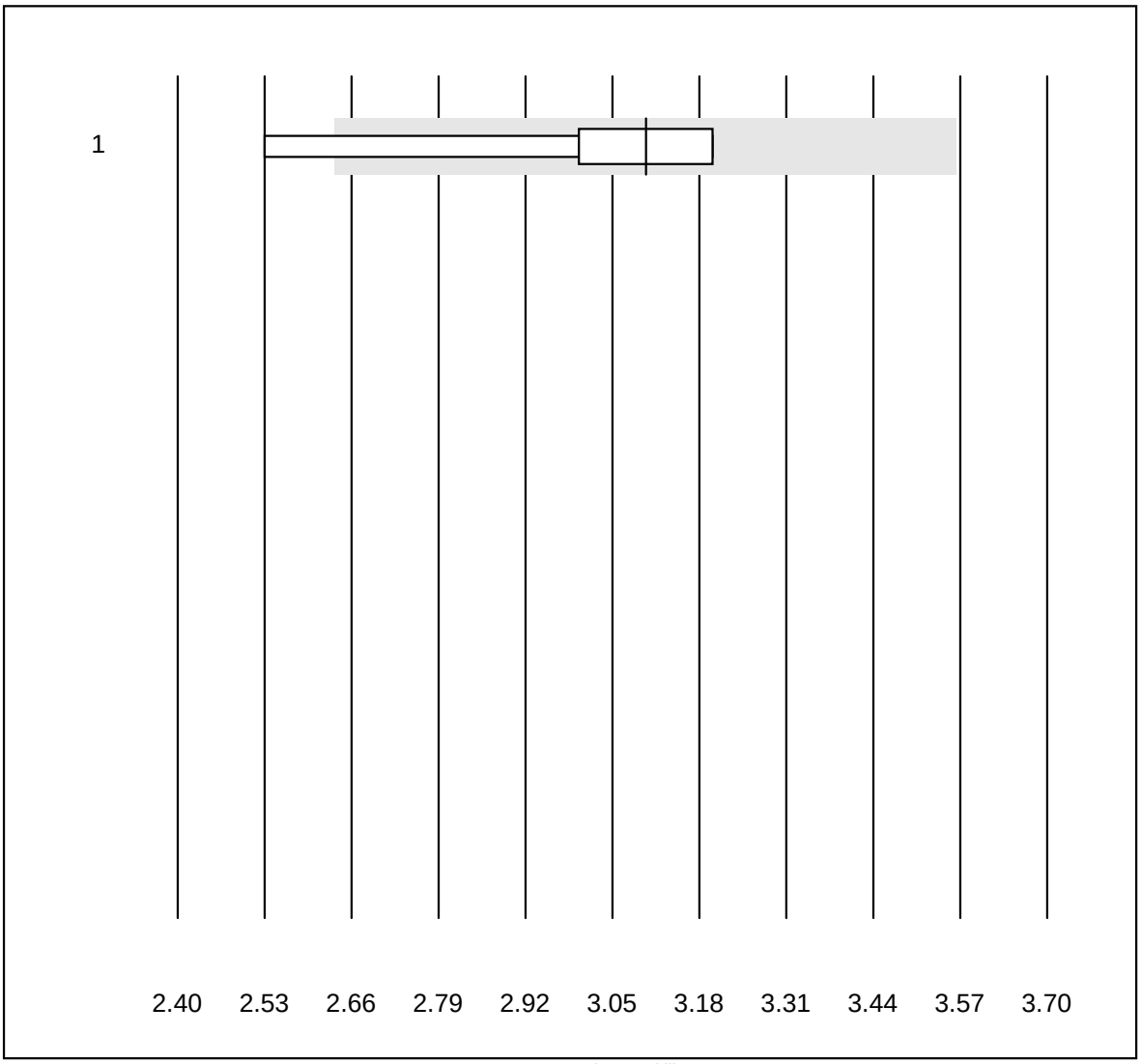


QUALAB tolerance : 10 %

Glucose - K22 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	8	100.0	0.0	0.0	20.4	3.0	e

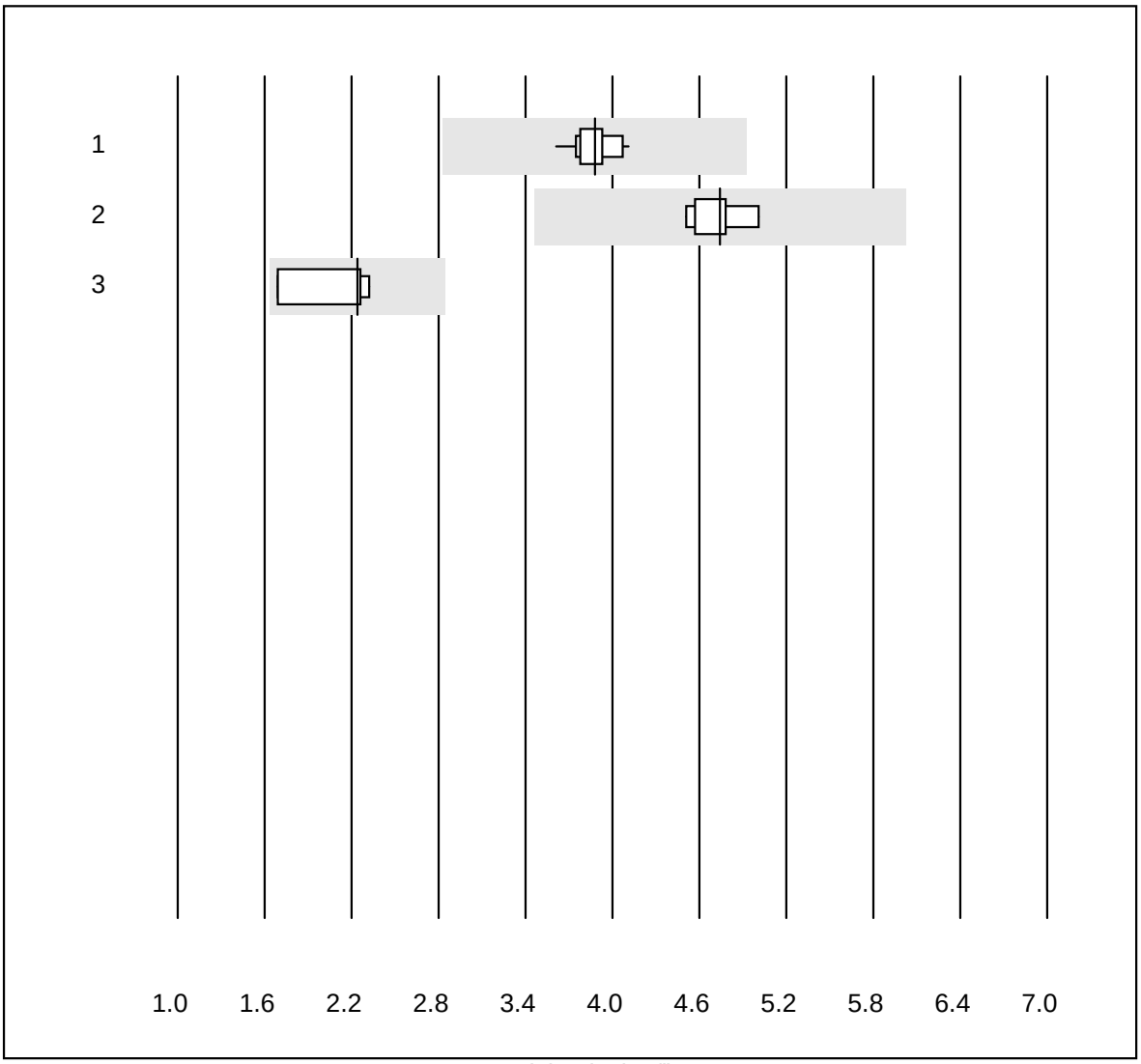
Urea - K22



QUALAB tolerance : 15 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Standard chemistry	8	87.5	12.5	0.0	3.1	7.3	e*

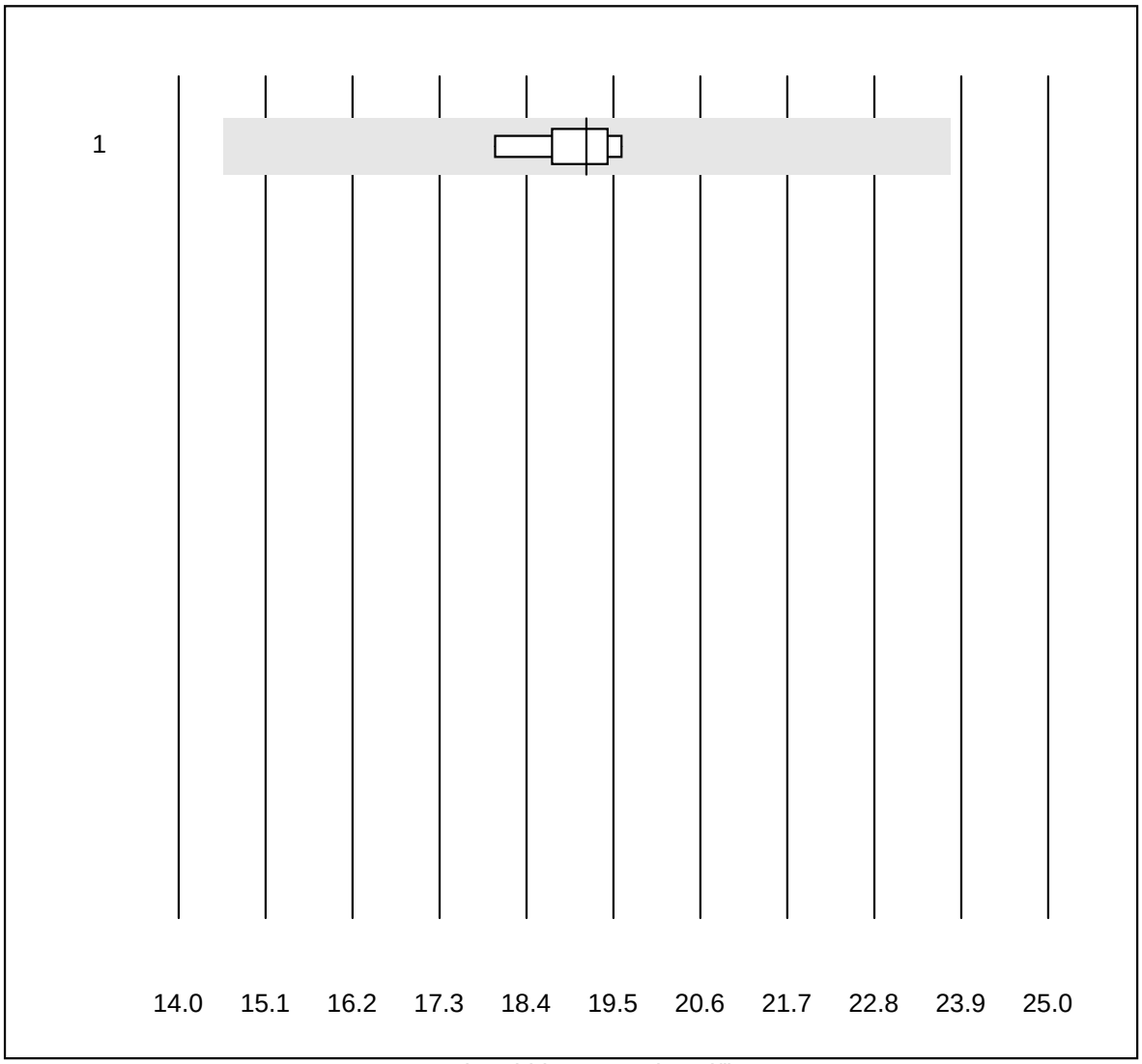
Procalcitonin



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	13	92.3	0.0	7.7	3.88	3.6	e
2	Mini Vidas	9	100.0	0.0	0.0	4.74	3.3	e
3	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	2.24	13.7	e*

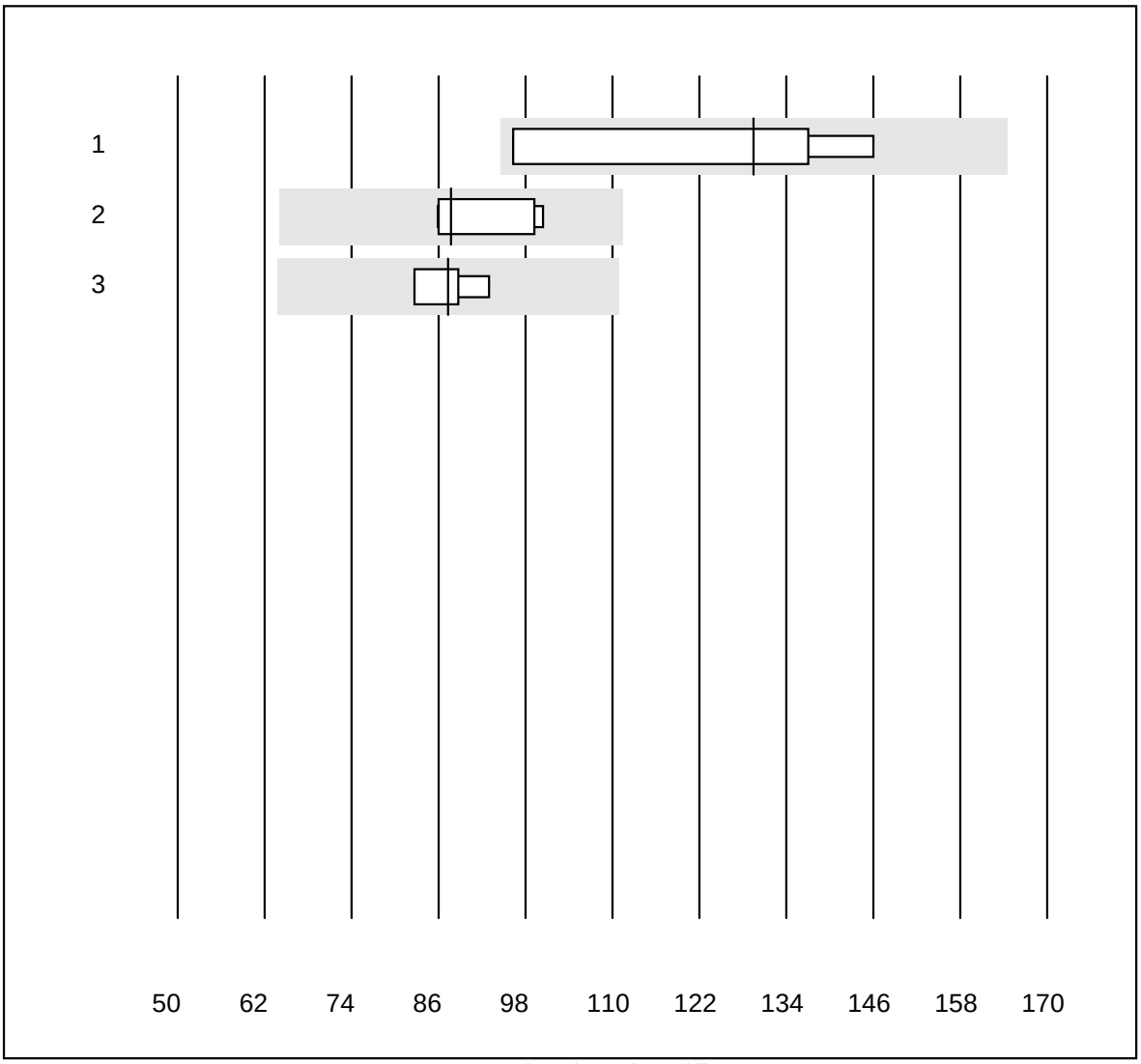
Parathyroid hormone



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas PTH STAT	5	100.0	0.0	0.0	19.2	3.4	e

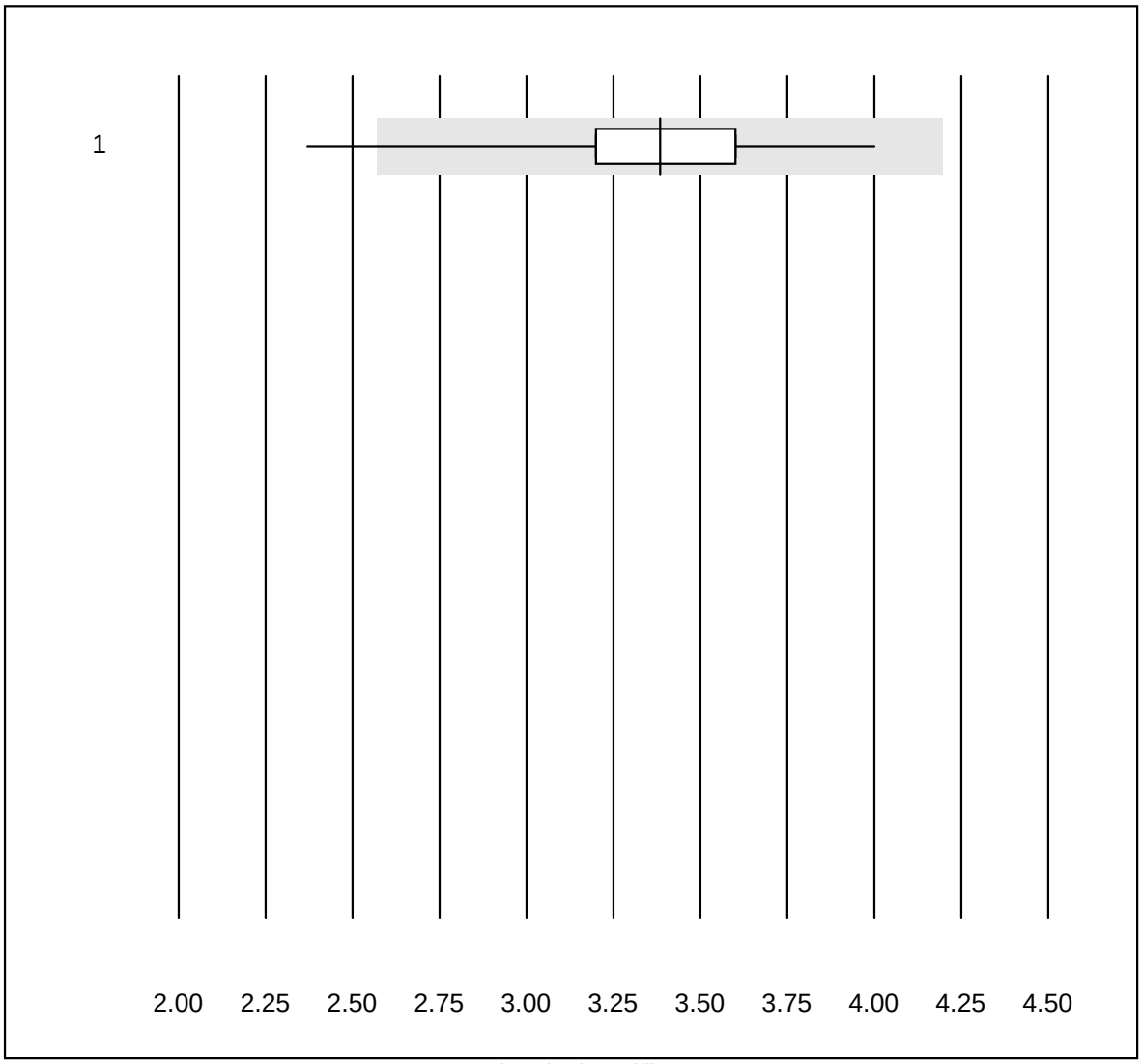
25-OH Vitamin D



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Qualigen	4	100.0	0.0	0.0	129.5	17.3	e*
2	Cobas	8	87.5	0.0	12.5	87.7	7.1	e
3	Architect	4	100.0	0.0	0.0	87.4	5.0	e

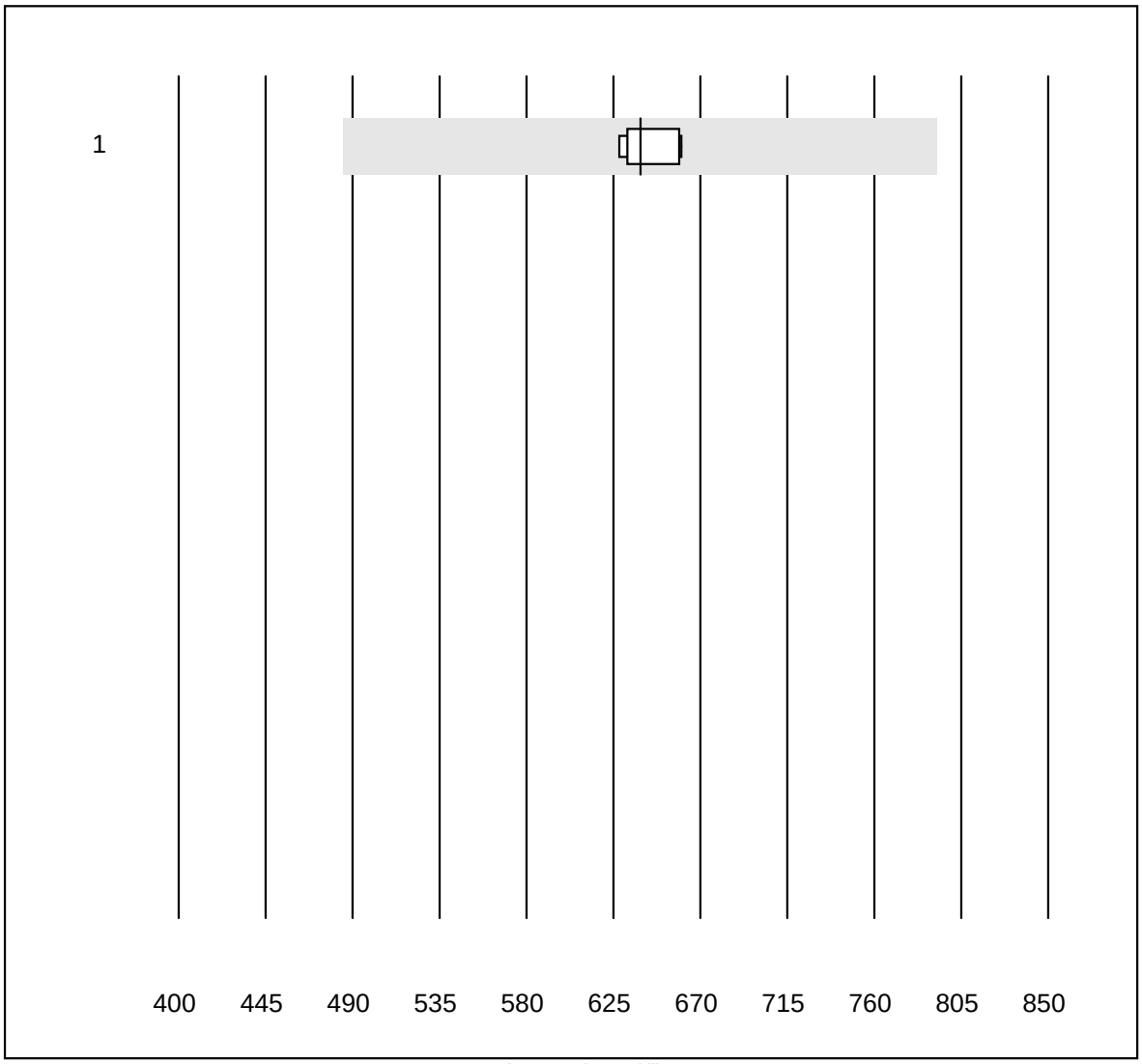
Digoxin



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Other methods	11	90.9	9.1	0.0	3.38	12.0	e*

Valproat

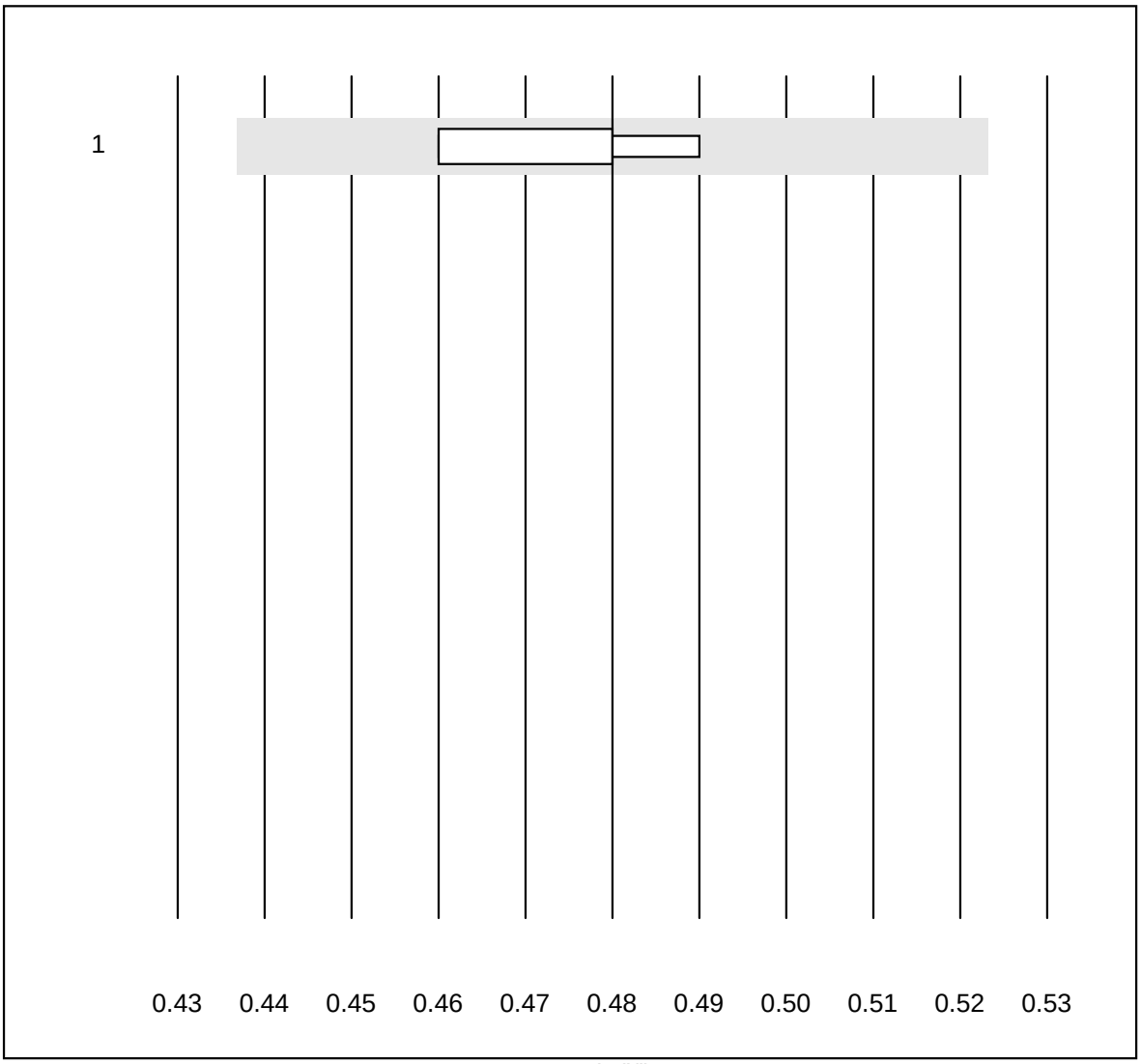


QUALAB tolerance : 24 %

Valproat (µmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	639.0	2.3	e

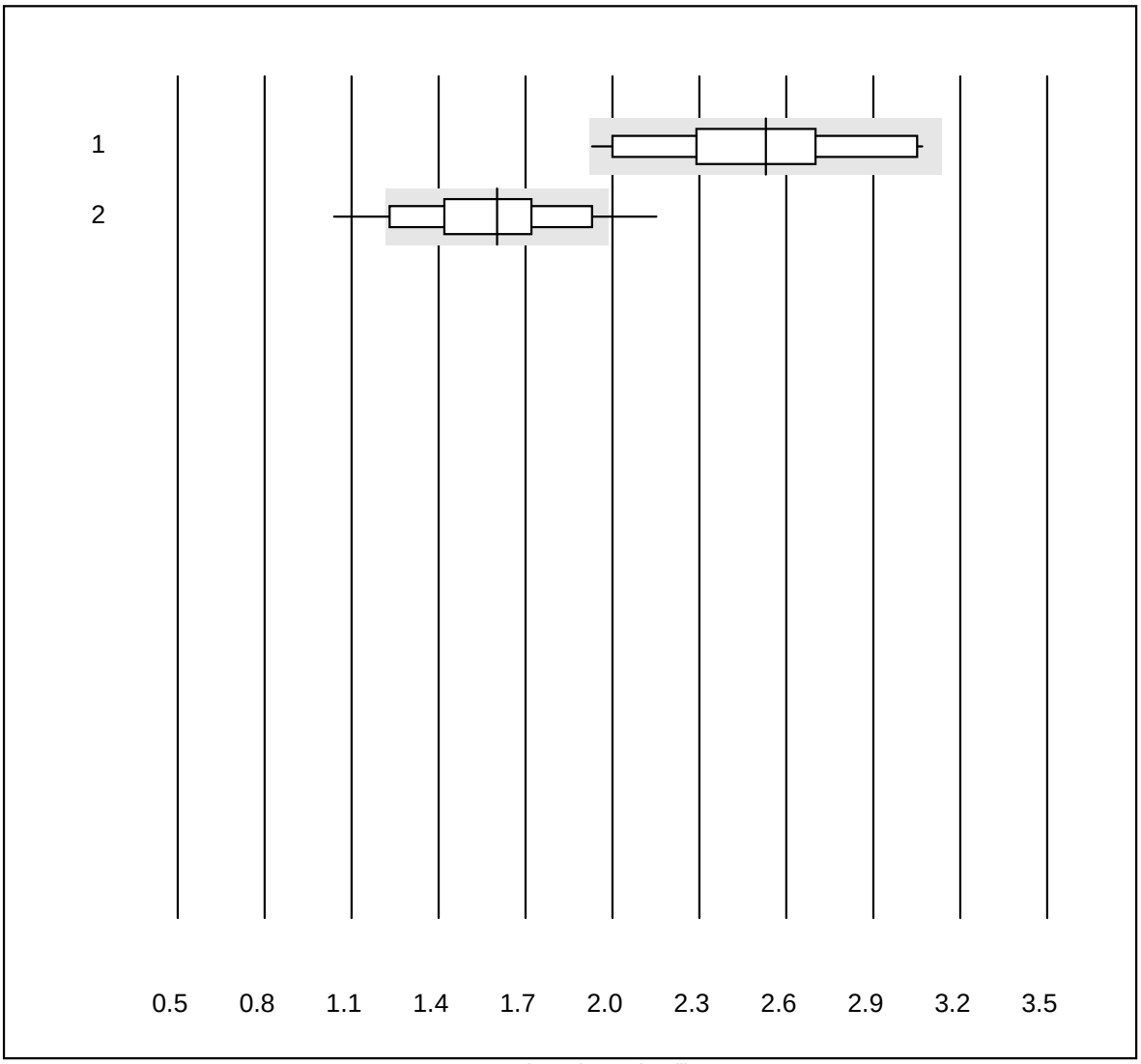
Hematocrit



QUALAB tolerance : 9 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	EPOC	4	100.0	0.0	0.0	0.48	2.7	e*

Troponin Triage

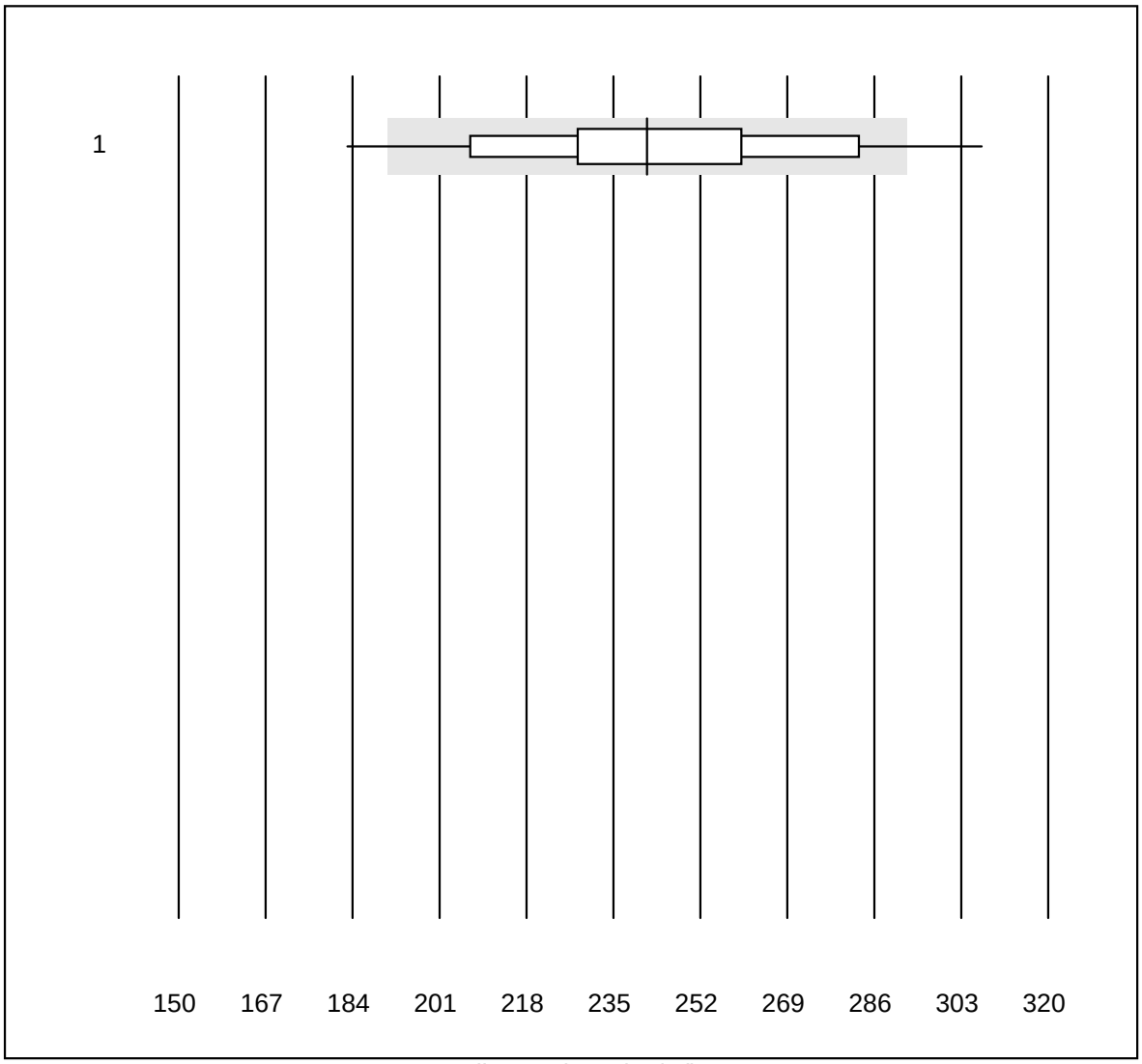


QUALAB tolerance : 24 %

Troponin Triage (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Next Gen	16	93.7	0.0	6.3	2.53	13.1	e*
2	Triage SOB/Cardiac	24	70.8	12.5	16.7	1.60	17.7	e*

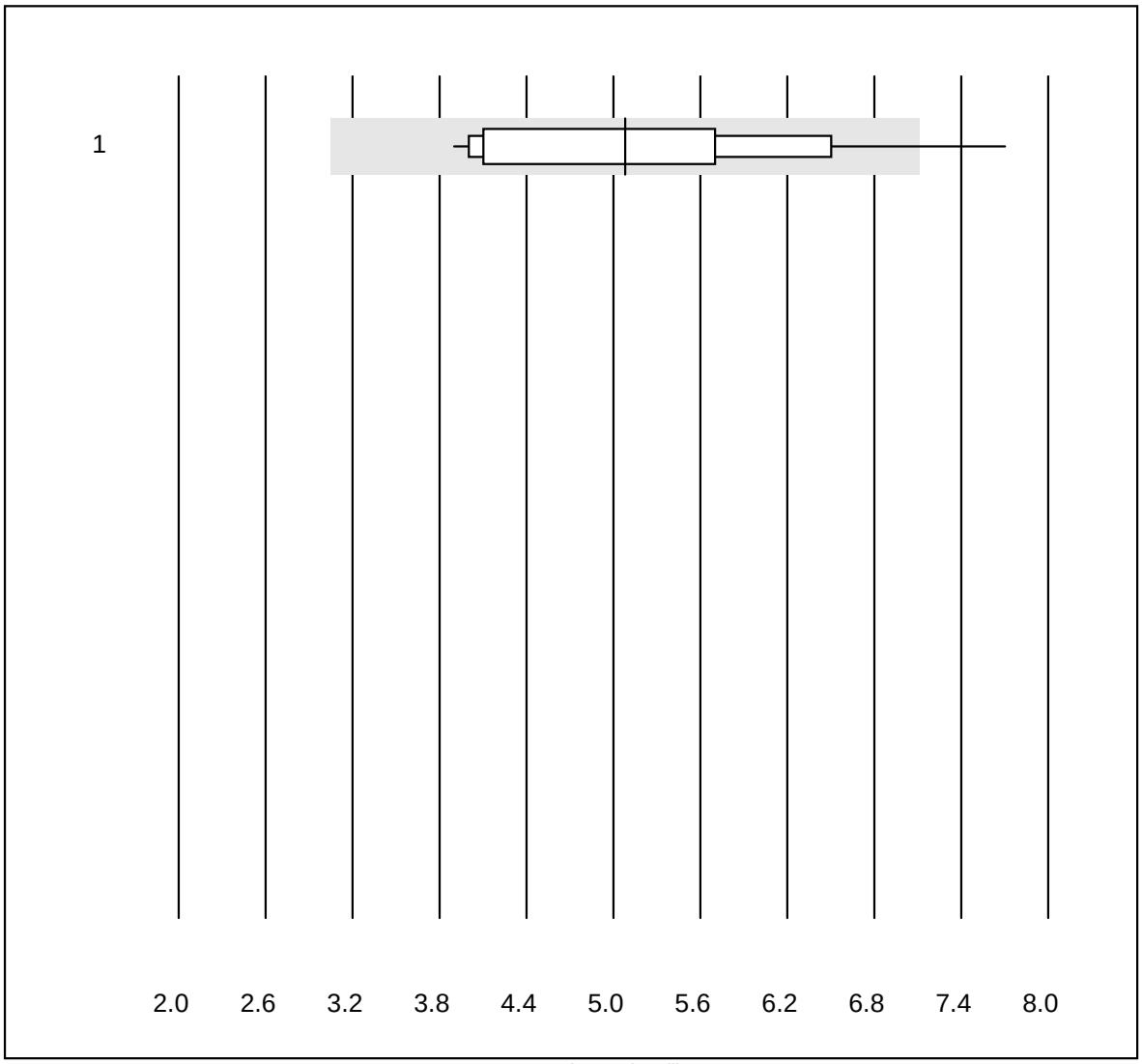
D-dimer Triage



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Meter	39	79.5	7.7	12.8	241.56	12.0	e

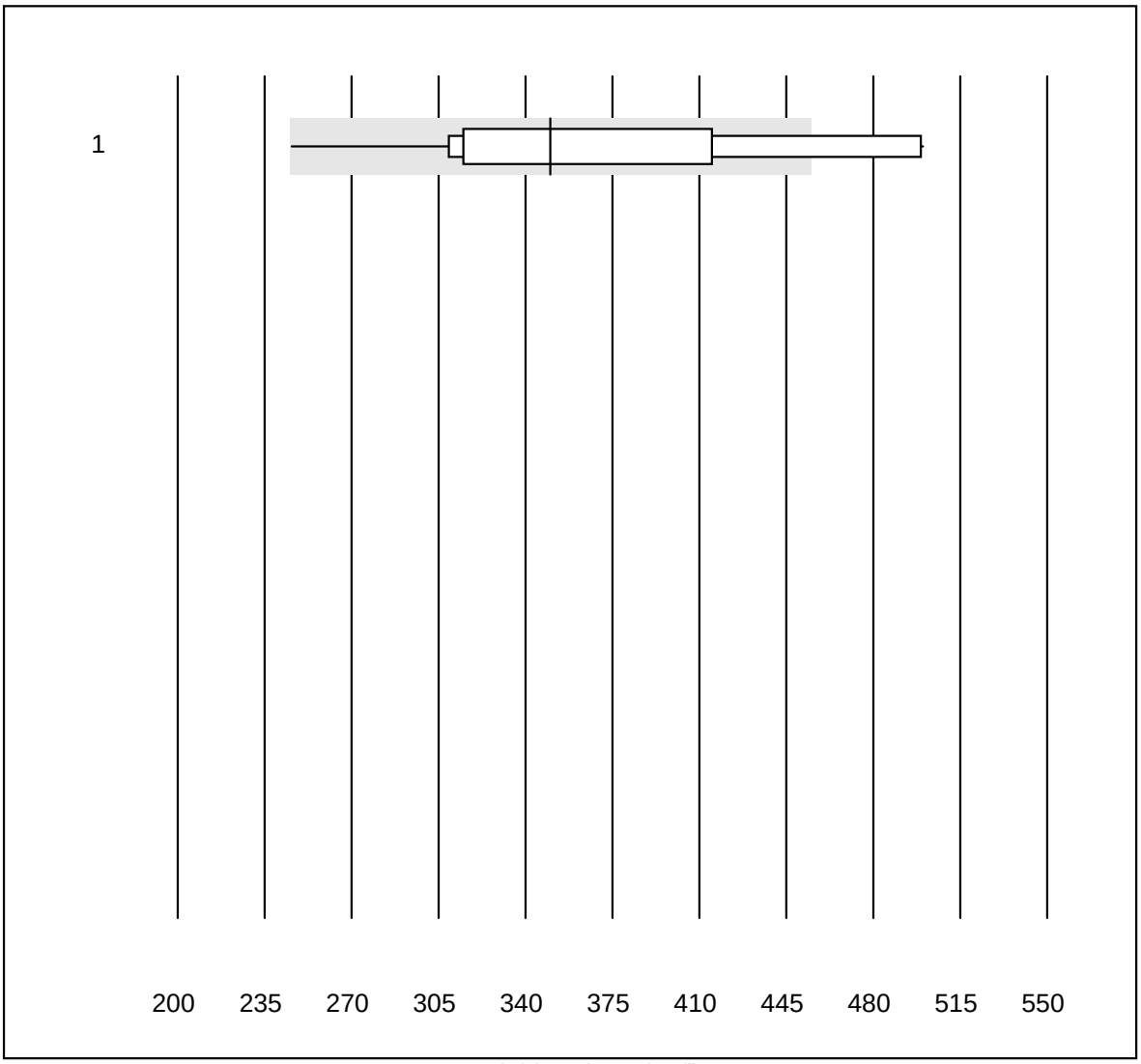
CK-MB Triage



QUALAB tolerance : 40 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Meter	20	90.0	5.0	5.0	5.1	20.3	e

Myoglobin Triage

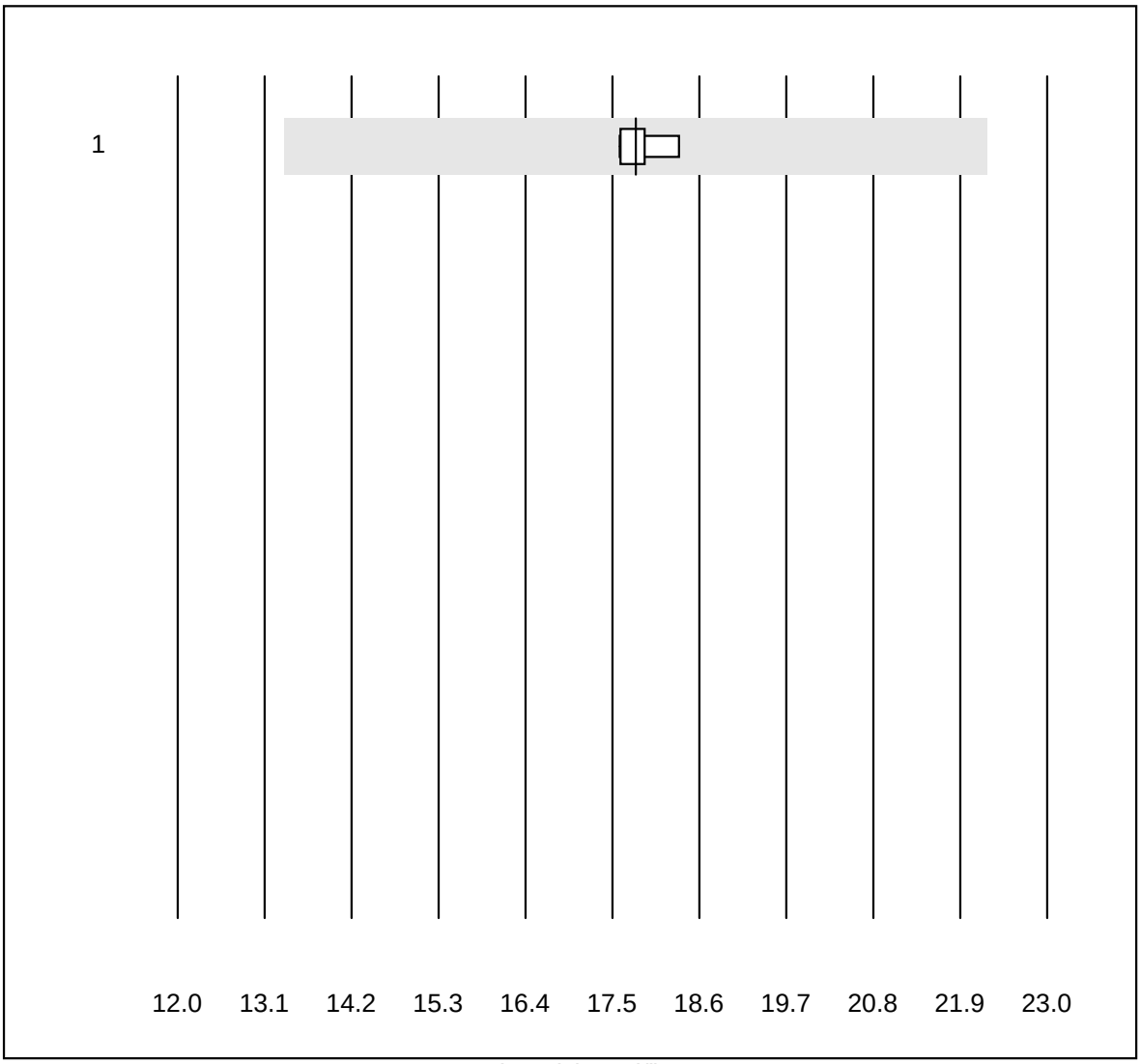


QUALAB tolerance : 30 %

Myoglobin Triage (µg/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Triage Meter	18	88.9	11.1	0.0	350.0	18.1	e*

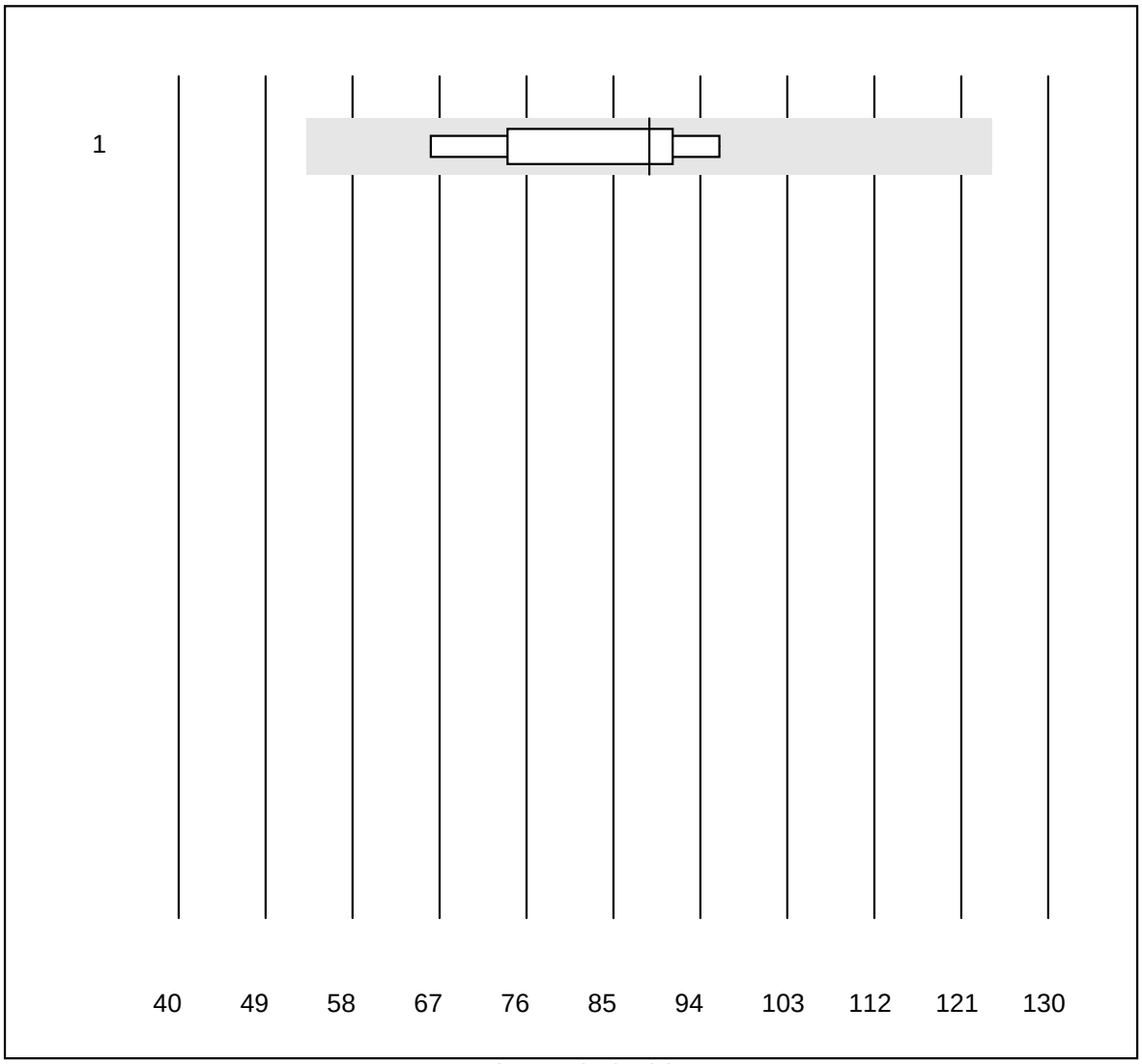
Ethanol



QUALAB tolerance : 25 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	all Participants	5	100.0	0.0	0.0	17.8	1.7	e

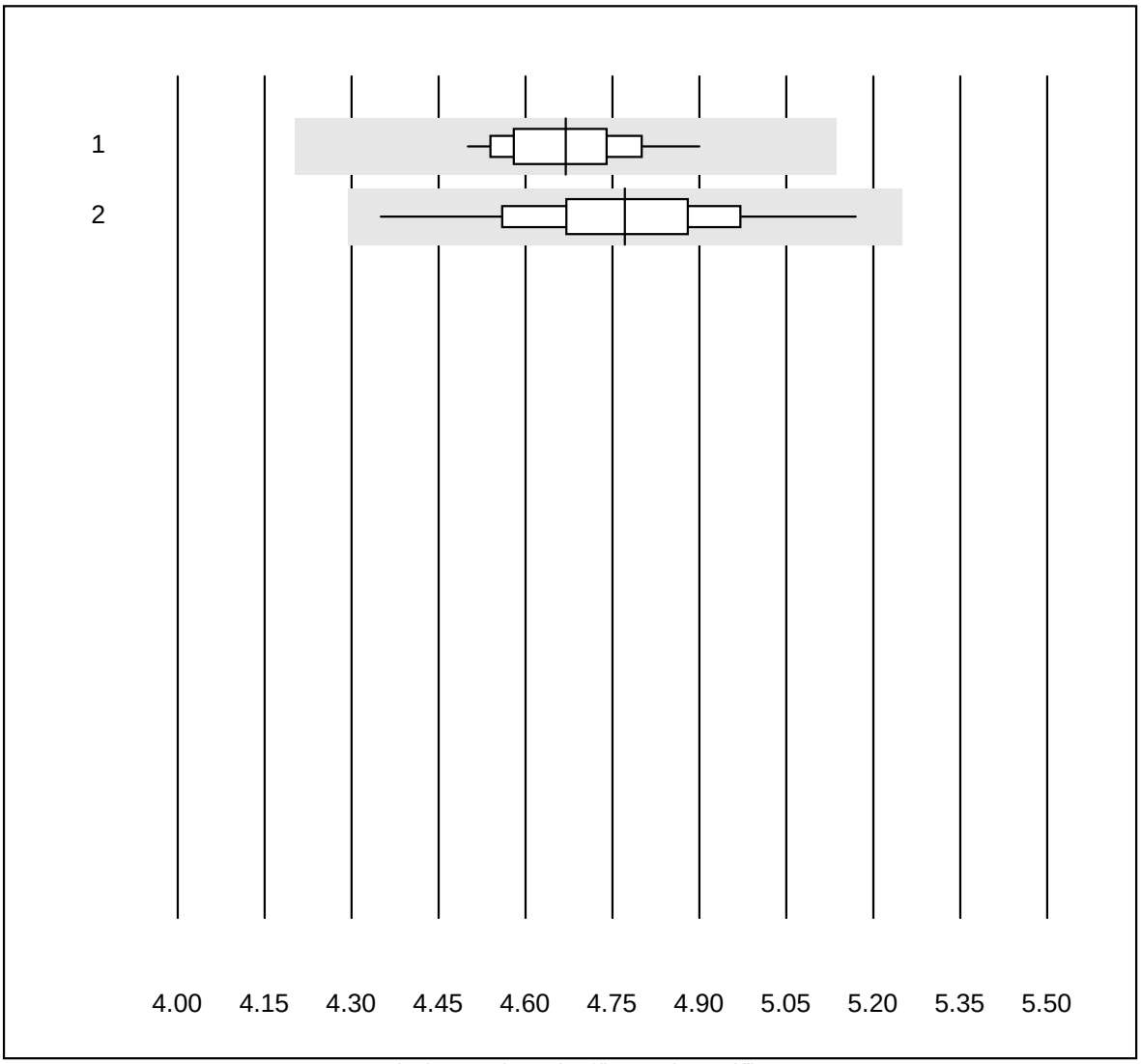
Calprotectin



QUALAB tolerance : 40 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Bühlmann	7	85.7	0.0	14.3	89	13.5	e*

Cholesterol total Af/b101

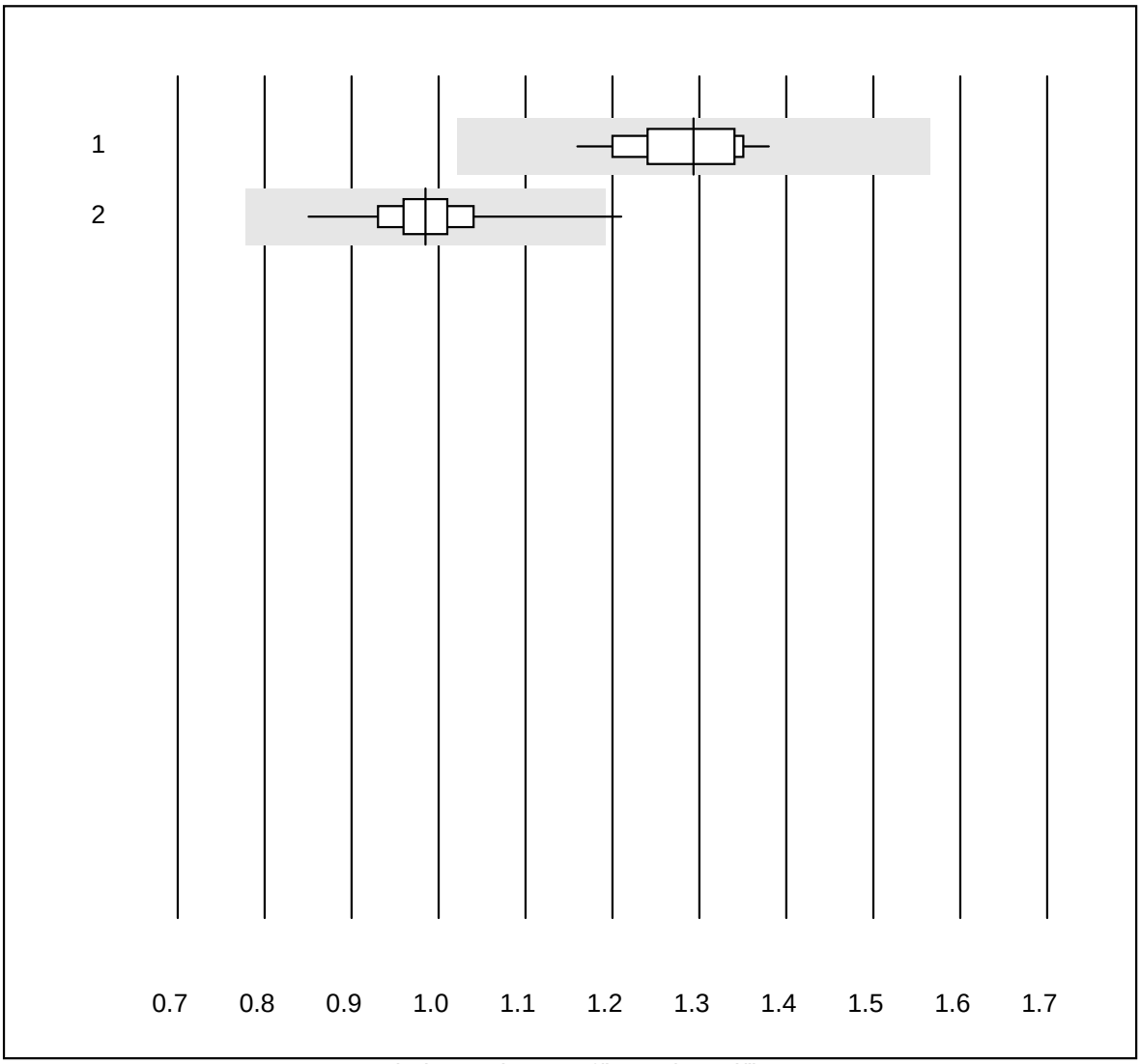


QUALAB tolerance : 10 %

Cholesterol total Af/b101 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	28	100.0	0.0	0.0	4.7	2.2	e
2	Afinion	233	99.6	0.0	0.4	4.8	3.4	e

Cholesterol HDL Af/b101

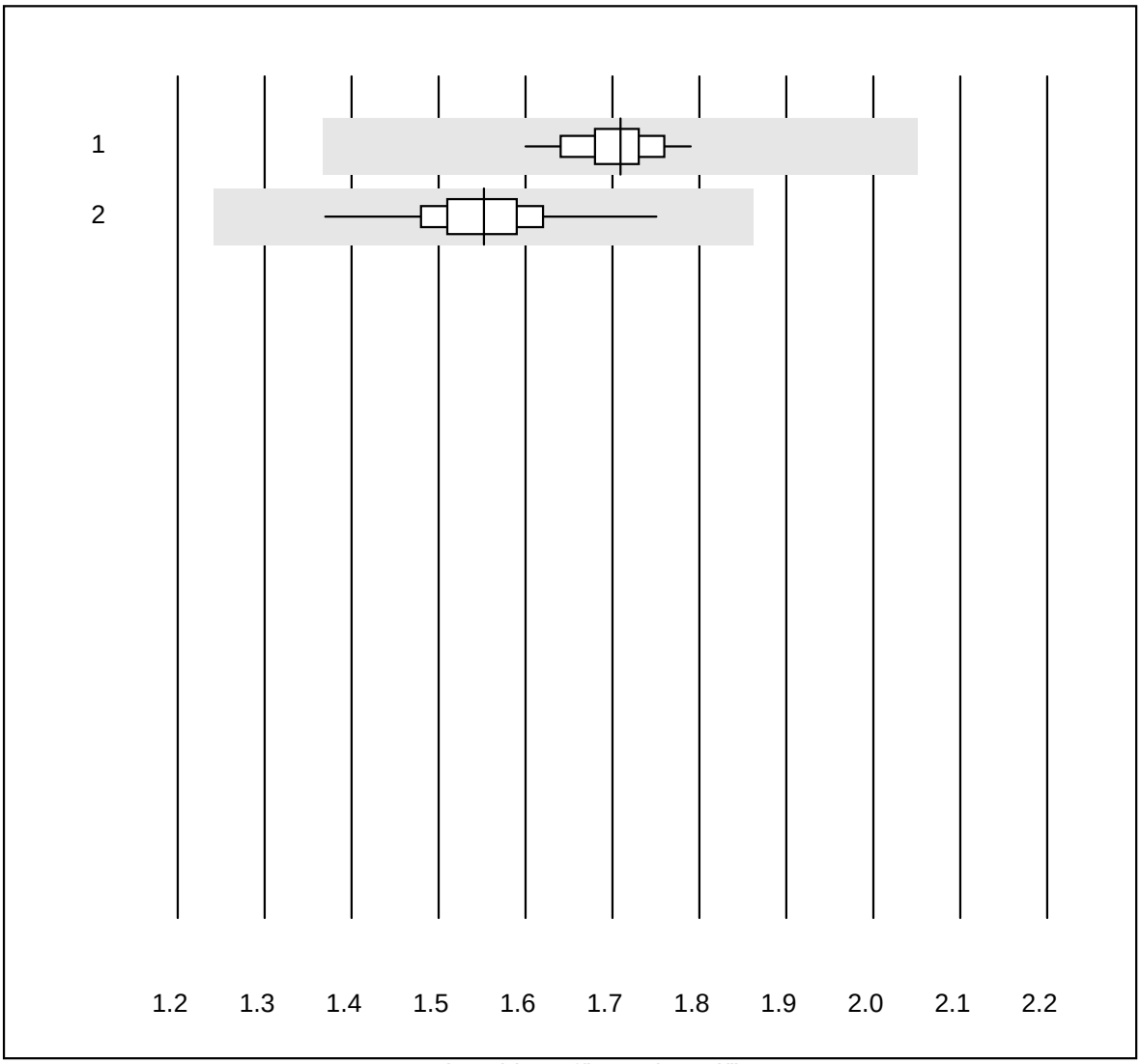


QUALAB tolerance : 21 %

Cholesterol HDL Af/b101 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	28	100.0	0.0	0.0	1.3	4.4	e
2	Afinion	233	97.0	0.4	2.6	1.0	4.8	e

Tryglycerides Af/b101

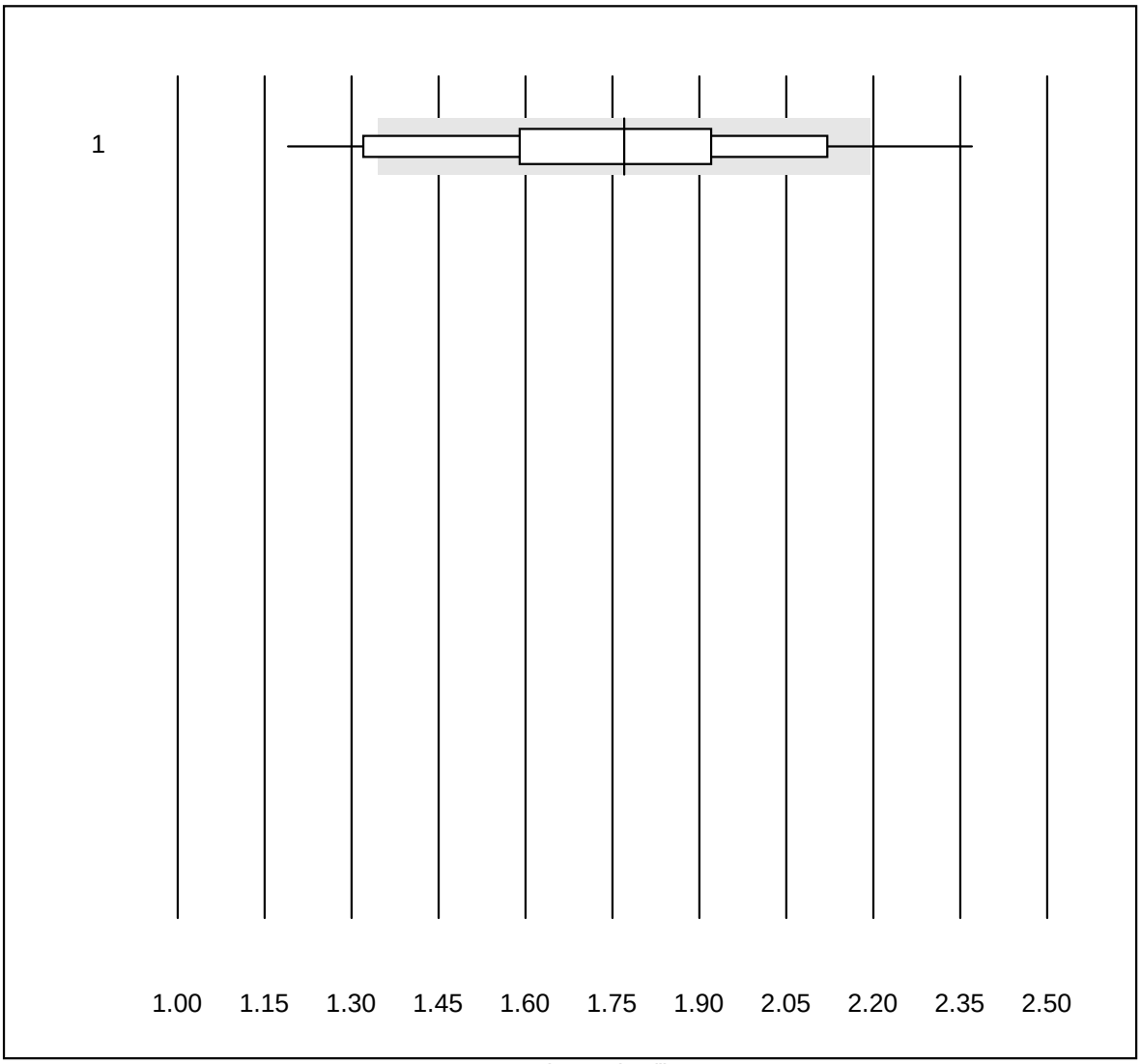


QUALAB tolerance : 20 %

Tryglycerides Af/b101 (mmol/l)

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Cobas b101	28	100.0	0.0	0.0	1.71	2.5	e
2	Afinion	233	99.6	0.0	0.4	1.55	4.0	e

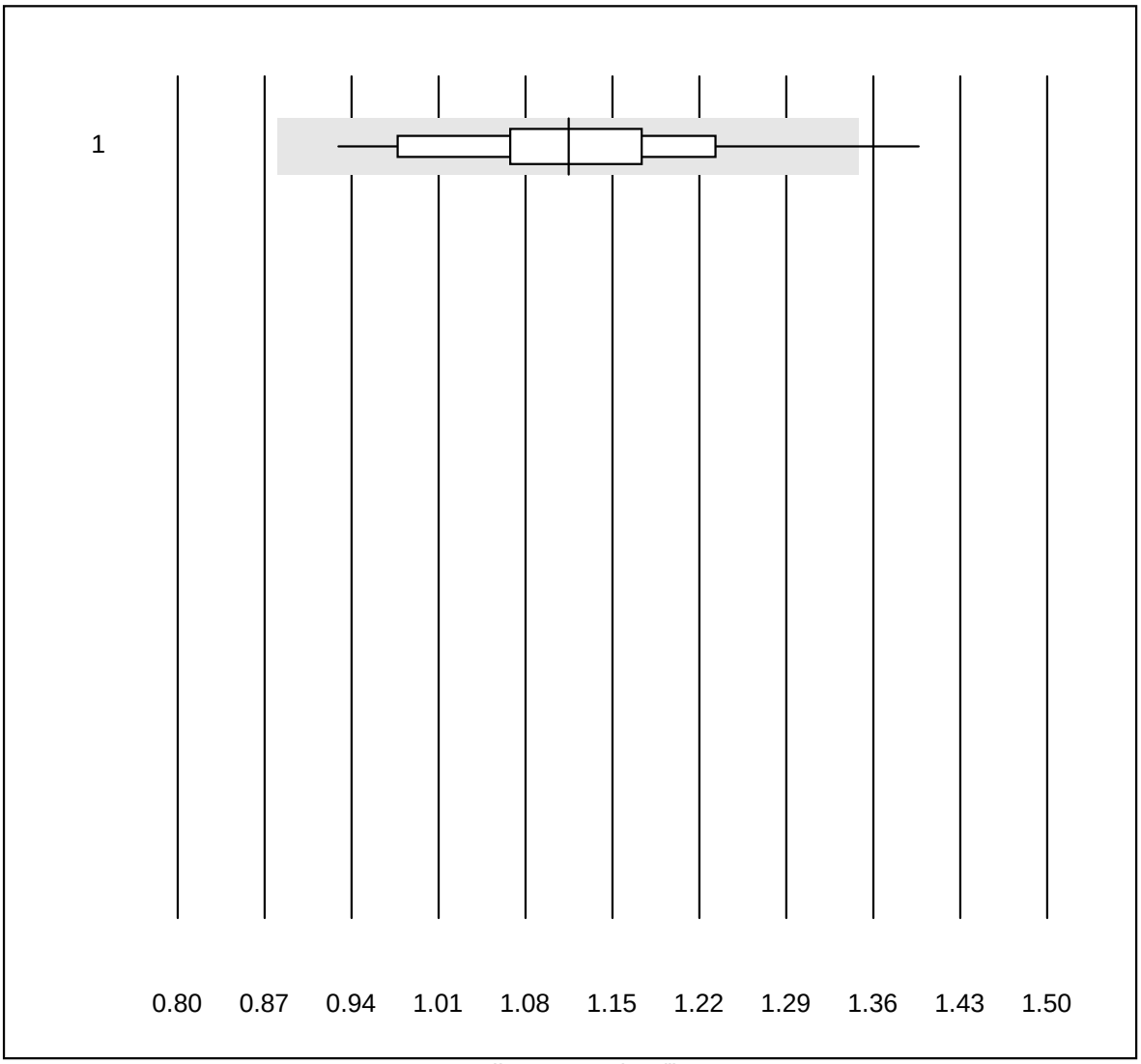
Troponin I S



QUALAB tolerance : 24 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	71	85.9	12.7	1.4	1.77	15.5	e

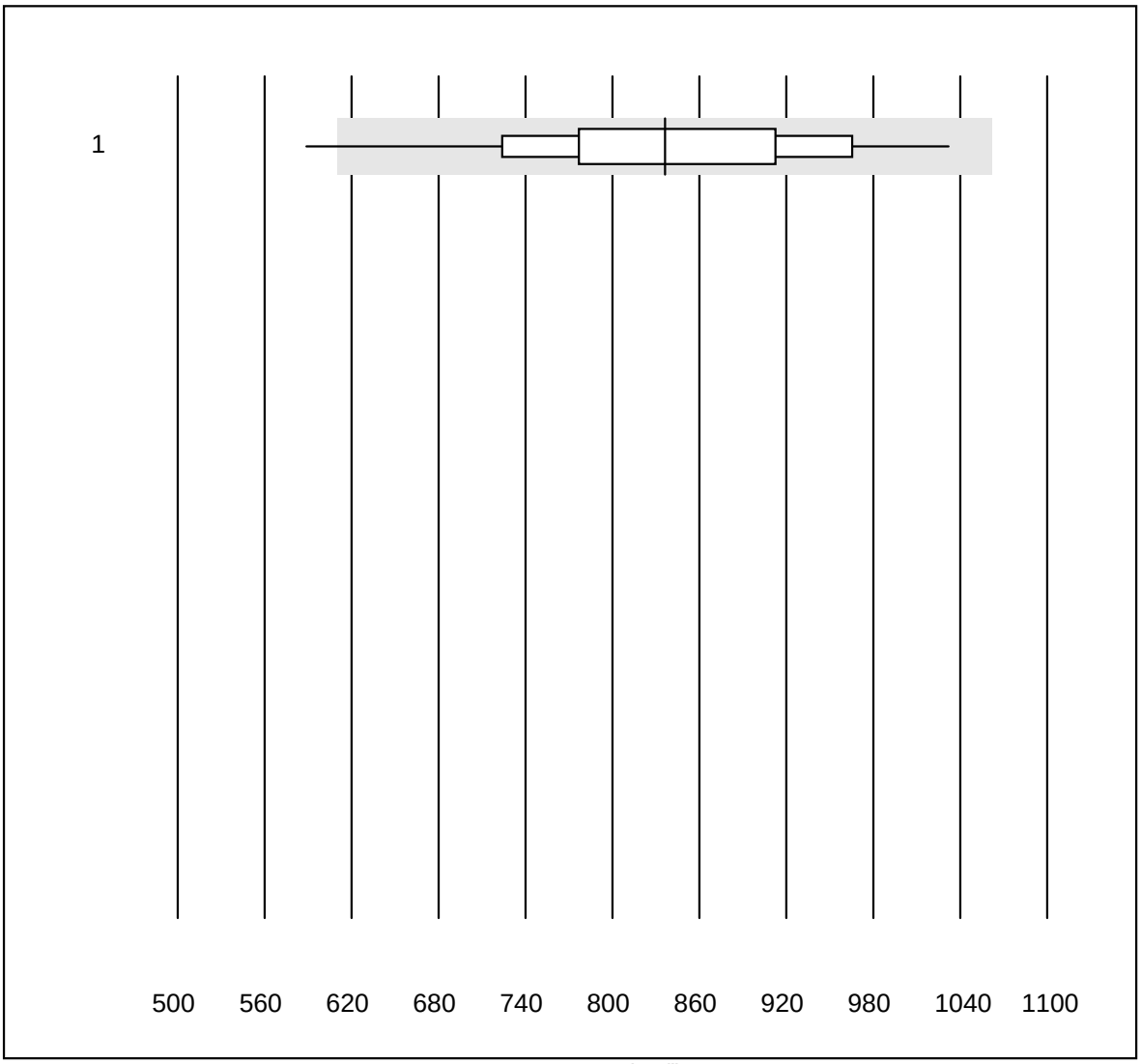
D-dimer qn S



QUALAB tolerance : 21 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	85	97.6	1.2	1.2	1.11	8.2	e

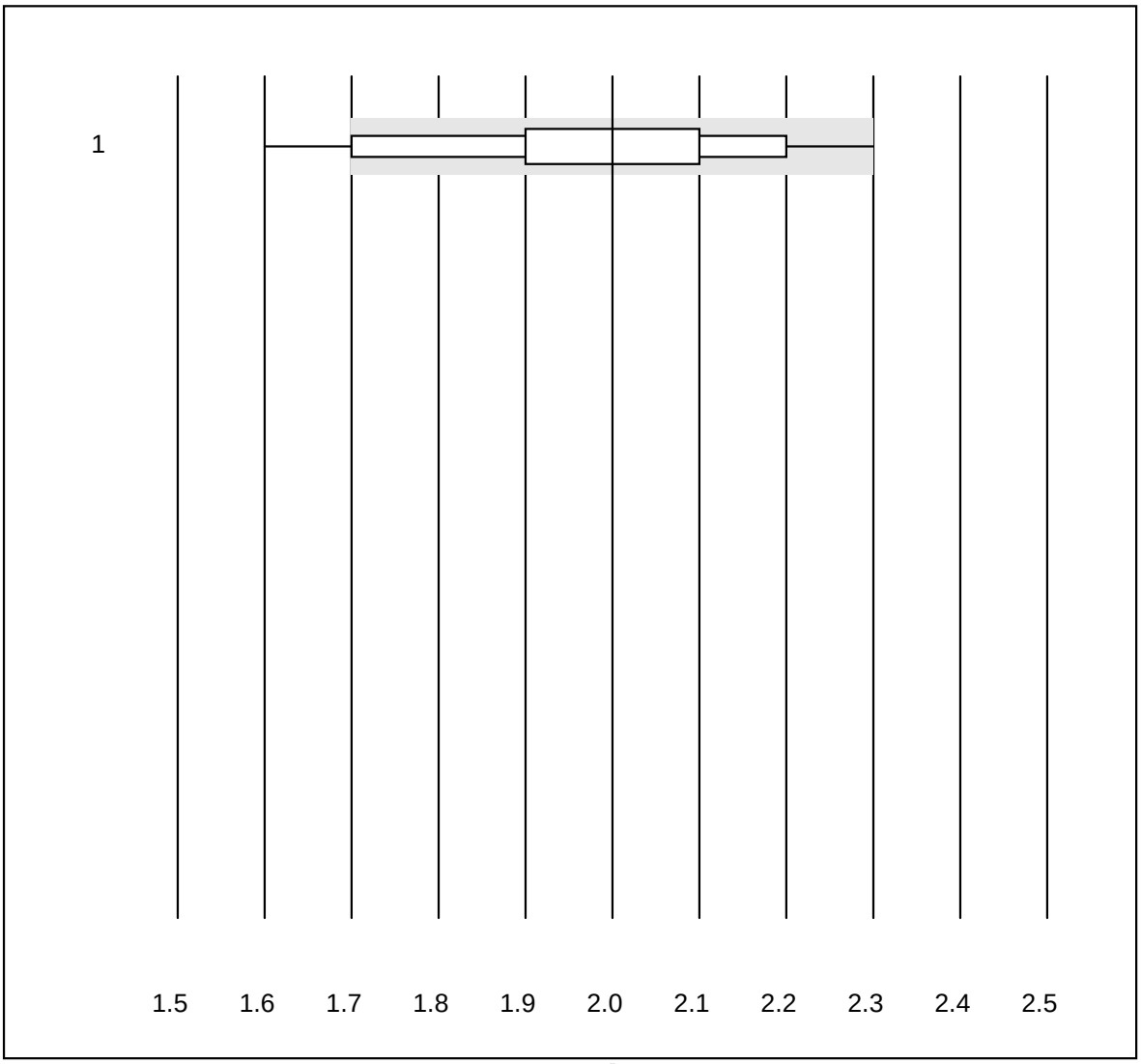
NT-pro BNP S



QUALAB tolerance : 27 %

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Samsung LABGEO IB10	54	96.2	1.9	1.9	836.5	11.6	e

INR MI

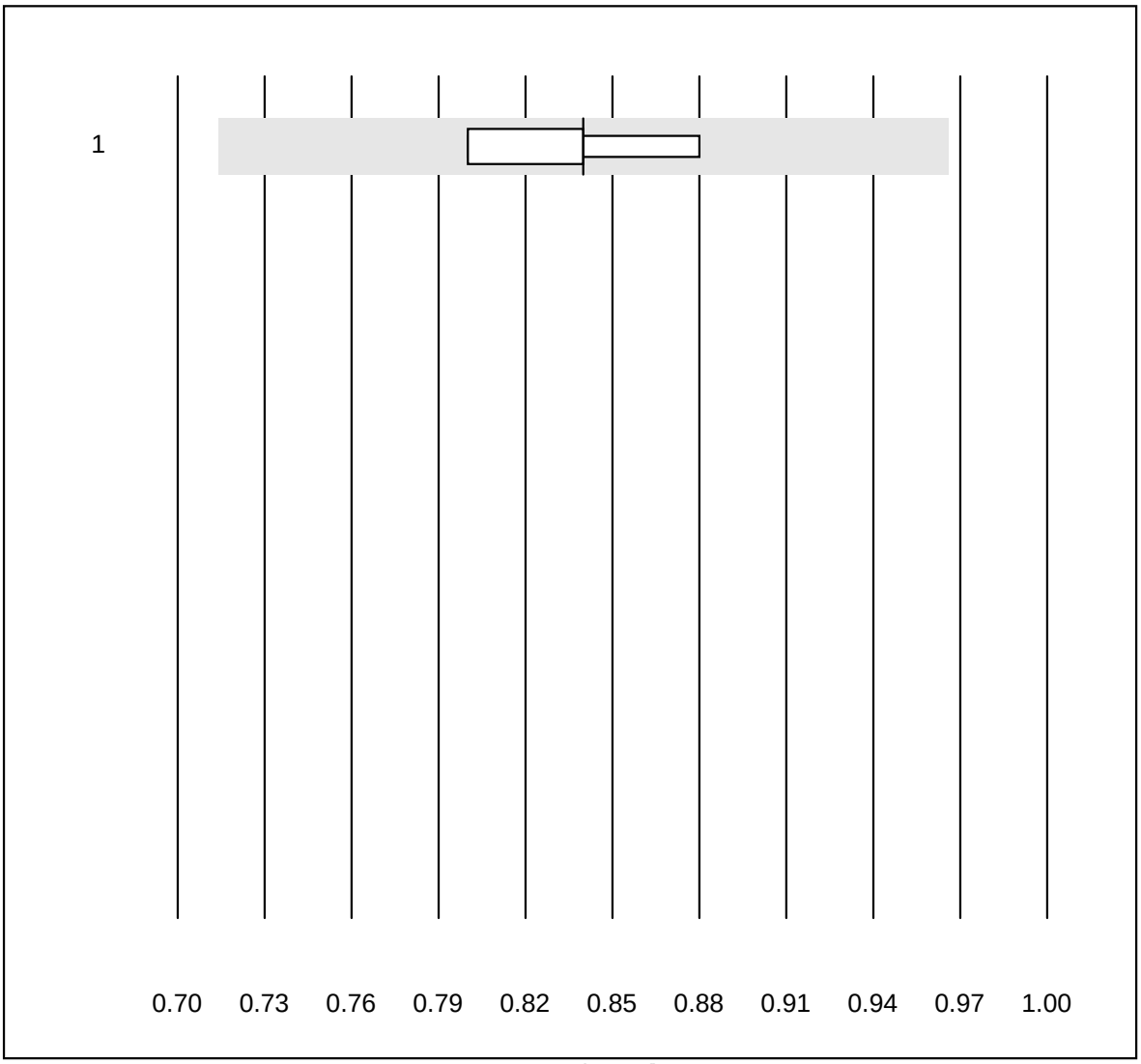


QUALAB tolerance : 15 %

INR MI ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	microINR	62	66.1	14.5	19.4	2.0	9.3	e

INR Eurolyser



QUALAB tolerance : 15 %

INR Eurolyser ()

No.	Methode	Total	% good	% insuff.	% outlier	Target value	CV%	Typ
1	Eurolyser	7	71.4	0.0	28.6	0.8	4.2	e