Verein für
Association pour le
Associazione per il

medizinische Qualitätskontrolle
contrôle de qualité médical
controllo di qualità medico

Bericht des Ringversuchs

2022 - 1

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Ringversuchsproben
Die Homogenität und die Stabilität wurden bei allen Proben vor bzw. während des Versandes überprüft und es wurden keine Unregelmässigkeiten festgestellt. Die Eignungsprüfungen wurden von den Laboratorien des Universitätsspitals Zürich durchgeführt (http://www.uzl.usz.ch/).
Folgende Ringversuchsproben wurden speziell für MQ im Unterauftrag produziert:
B1 Strep A Test, B2 Uricult, H4 Parasitäre Hämatologie, K14 Tumormarker

Ermittlung der Zielwerte

Zu jedem Zielwert wird die Art der Ermittlung nach ISO17043:2010, B2.1 angegeben (Spalte "Typ"):
a Bekannter Wert, aufgrund der Produktion.
b Zertifizierter Referenzwert bei Verwendung von speziellen Proben
c Referenzwert bestimmt durch Analyse
d Konsenswerte von Expertenlabors
e Konsenswerte der Teilnehmer

Bei Methodengruppen mit mehr als 9 Teilnehmern werden in der Regel Konsenswerte der Teilnehmer ("e") ermittelt. Für die Ermittlung dieser Zielwerte wird der Mittelwert des Methodenkollektives verwendet. Werte deren Abweichung vom Zielwerte grösser als die 1.5 fache Qualab-Toleranz beträgt, werden als Ausreisser bewertet und bei der Sollwert-Berechnung nicht berücksichtigt. Als Ausgangswert für die Ausreisserelimination werden die Messwerte der Eignungsprüfungen verwendet. Um allen Teilnehmern möglichst aussagekräftige Zielwerte zur Verfügung zu stellen, können bei kleineren Methodengruppen auch andere Verfahren eingesetzt werden.

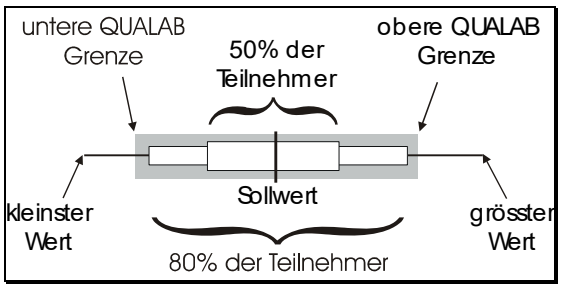
Unsicherheit der ermittelten Zielwerte
Die Standardunsicherheit (u_x) wird mit der folgenden Formel berechnet (ISO13528):
ux= (Zielwert/100) * (1.25/Quadratwurzel von "Anzahl der Teilnehmer") * VK%

- ux hat die gleiche Einheit wie der Zielwert
- ux kann mit der Standardabweichung des Teilnehmerkollektivs (SD=Zielwert * VK% / 100) verglichen werden
- Für Teilnehmerzahlen >18 ist die Standardunsicherheit (ux) deutlich kleiner als die Streuung des Teilnehmerkollektives und kann vernachlässigt werden.

QUALAB und MQ Toleranzen
Für alle obligatorischen Analysen werden die Qualab-Toleranzen verwendet (www.qualab.ch, externe Qualitätskontrolle). Für nicht-obligatorische Analysen werden die Toleranzen durch den Ringversuchsleiter von MQ festgelegt.

Ist die ermittelte Unsicherheit ux des Zielwertes grösser als 15% der Qualab oder MQ Toleranz, wird der Buchstabe der die Art der Zielwertermittlung angibt, zusätzlich mit einem Stern markiert (Beispiel "e*"). Wir machen damit die Teilnehmer darauf aufmerksam, dass die Unsicherheit des Sollwertes einen Einfluss auf die Bewertung haben kann.

Grafiken
Die Resultate werden folgendermassen grafisch dargestellt:



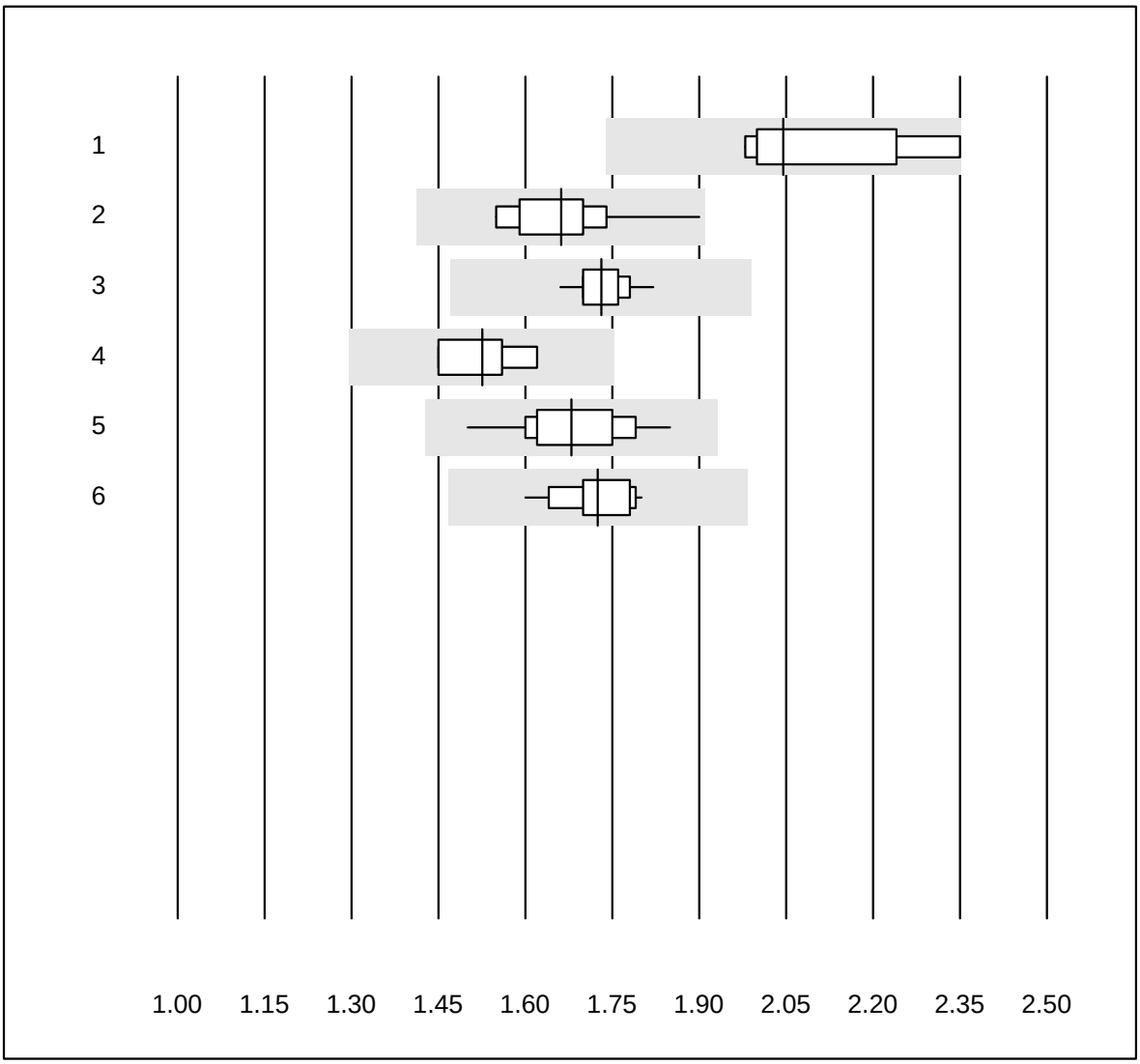
Vergleich der Geräte
Die Daten in diesem Bericht ermöglichen Ihnen, die Leistungsfähigkeit der verschiedenen Geräte miteinander zu vergleichen. Dabei dürfen Sie aber folgendes nicht vergessen:

- Bei der Chemie-Kontrolle K1 handelt es sich um ein gebrauchsbereites kommerzielles Kontrollserum. Auch wenn die Probe menschlichen Ursprungs war, ist es möglich, dass Matrixeffekte auftreten. Diese sind geräteabhängig und führen zu den unterschiedlichen Zielwerten.
- Es wurde nur eine Probe gemessen. Da die Streuung der Resultate von der Beschaffenheit der Probe (Matrixeffekte) und von der Höhe des Wertes abhängt, sind die ermittelten Variationskoeffizienten (VK in%) nicht allgemein gültig.
- Ein grosser Teil der Ausreisser ist auf administrative Fehler (falsche Einheit, Verwechslung der Resultate) oder auf Bedienungsfehler (falsche Probe, nicht korrekt aufgelöst, nicht gut gemischt) zurückzuführen und hat nichts mit dem Gerätetyp zu tun.

Zürich, 11.4.2022

Dr. R. Fried
Ringversuchleiter

Quick OA

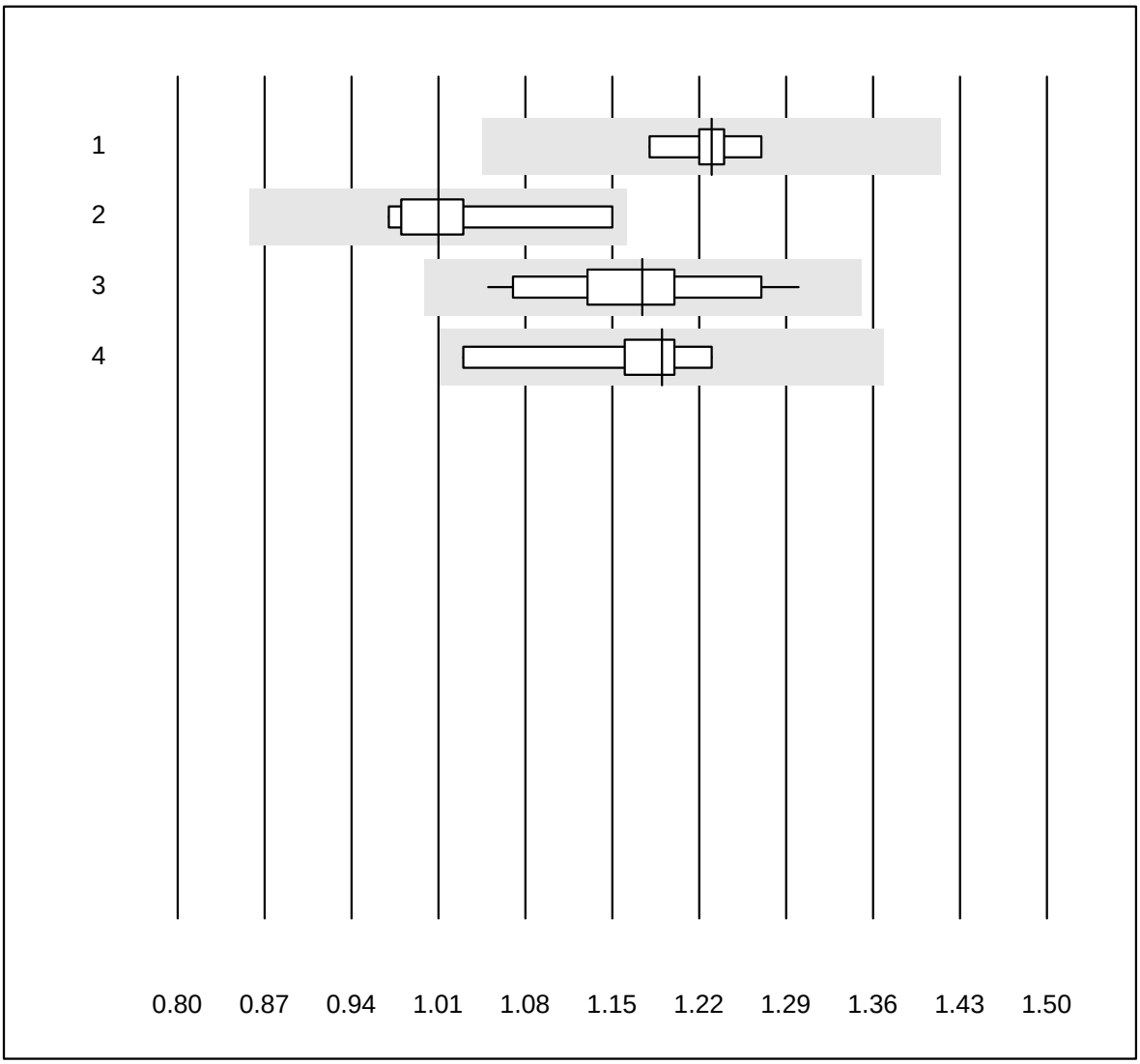


QUALAB Toleranz : 15 %

Quick OA ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Neoplastin Plus	6	100.0	0.0	0.0	2.05	7.2	e*
2	Innovin	14	100.0	0.0	0.0	1.66	5.7	e
3	Recombiplastin 2G	11	100.0	0.0	0.0	1.73	2.5	e
4	Eurolyser	4	100.0	0.0	0.0	1.53	4.9	e*
5	andere Methoden	14	100.0	0.0	0.0	1.68	5.3	e
6	Neoplastin R	12	100.0	0.0	0.0	1.73	3.6	e

Fibrinogen OA

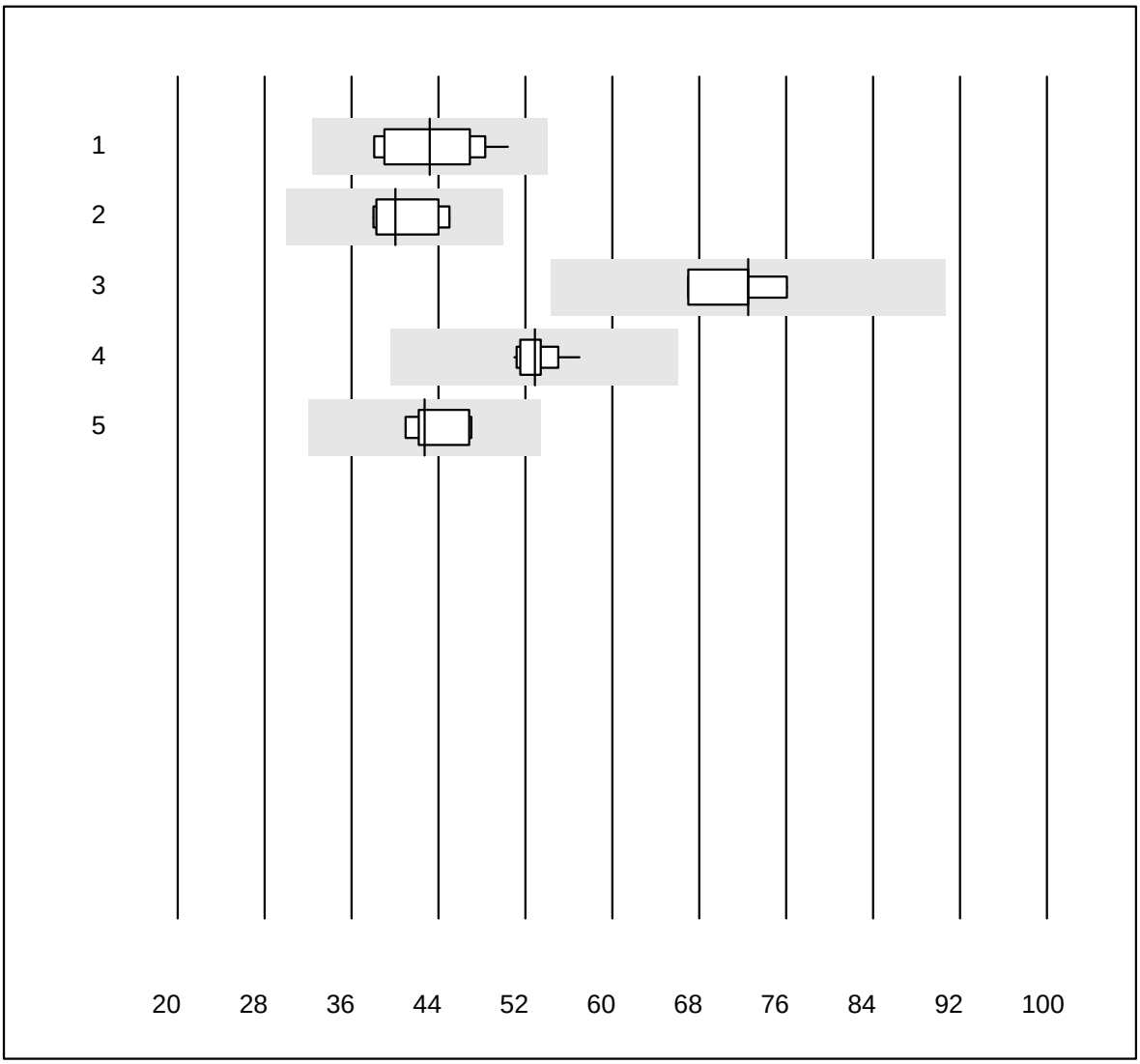


QUALAB Toleranz : 15 %

Fibrinogen OA (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	andere Methoden	6	100.0	0.0	0.0	1.23	2.4	e
2	Siemens Thrombin	6	100.0	0.0	0.0	1.01	6.4	e*
3	Stago/STA	16	100.0	0.0	0.0	1.17	5.9	e
4	Fibrinogen Q.F.A.	5	100.0	0.0	0.0	1.19	6.7	e*

aPTT OA

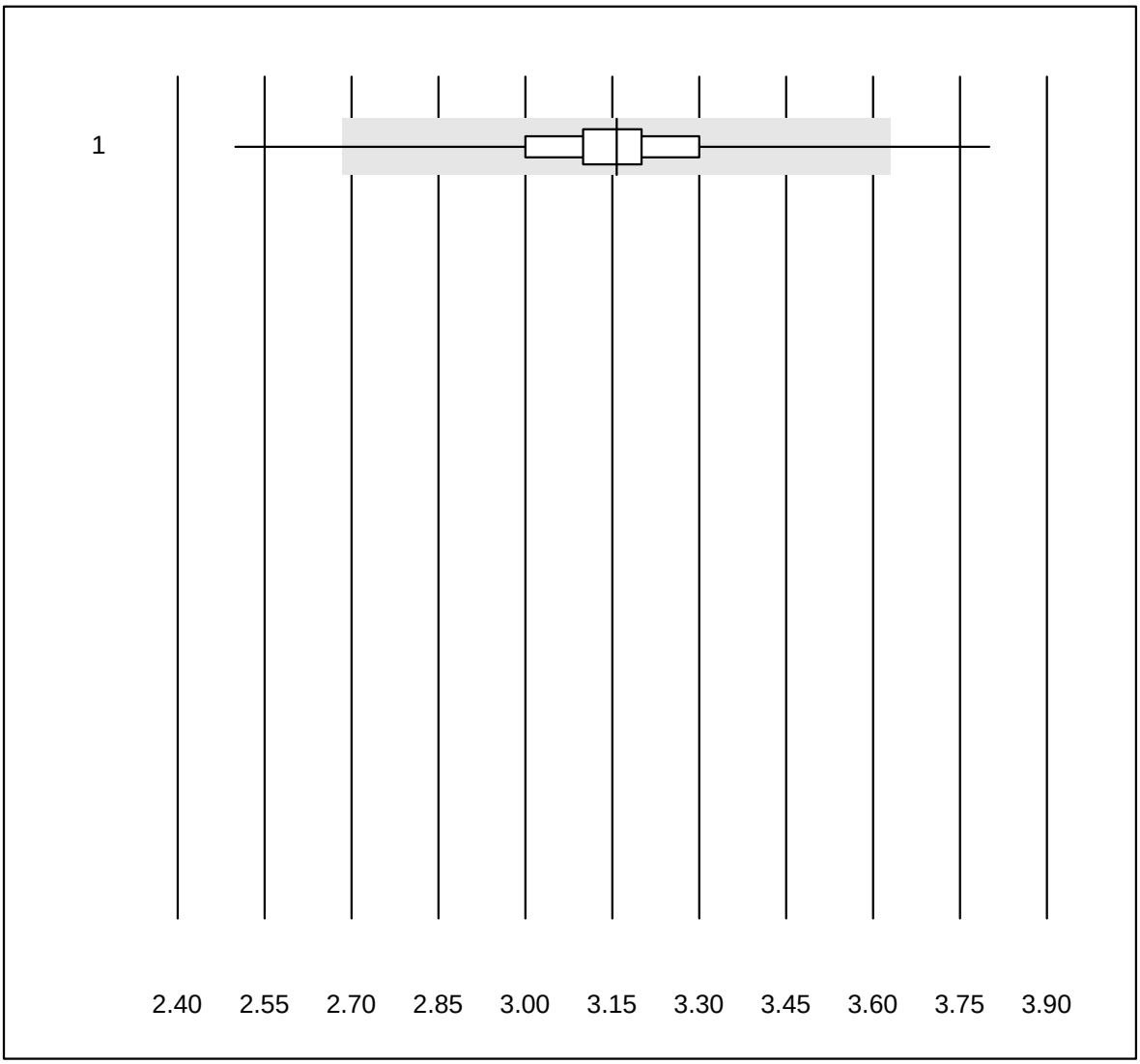


QUALAB Toleranz : 25 %

aPTT OA (Sek)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	andere Methoden	10	100.0	0.0	0.0	43.2	10.3	e*
2	Actin FS	6	100.0	0.0	0.0	40.0	7.4	e*
3	Pathromtin SL	4	100.0	0.0	0.0	72.5	5.8	e
4	Stago/STA	15	100.0	0.0	0.0	52.9	3.0	e
5	aPTT-SP	6	100.0	0.0	0.0	42.8	5.8	e

INR CoaguChek

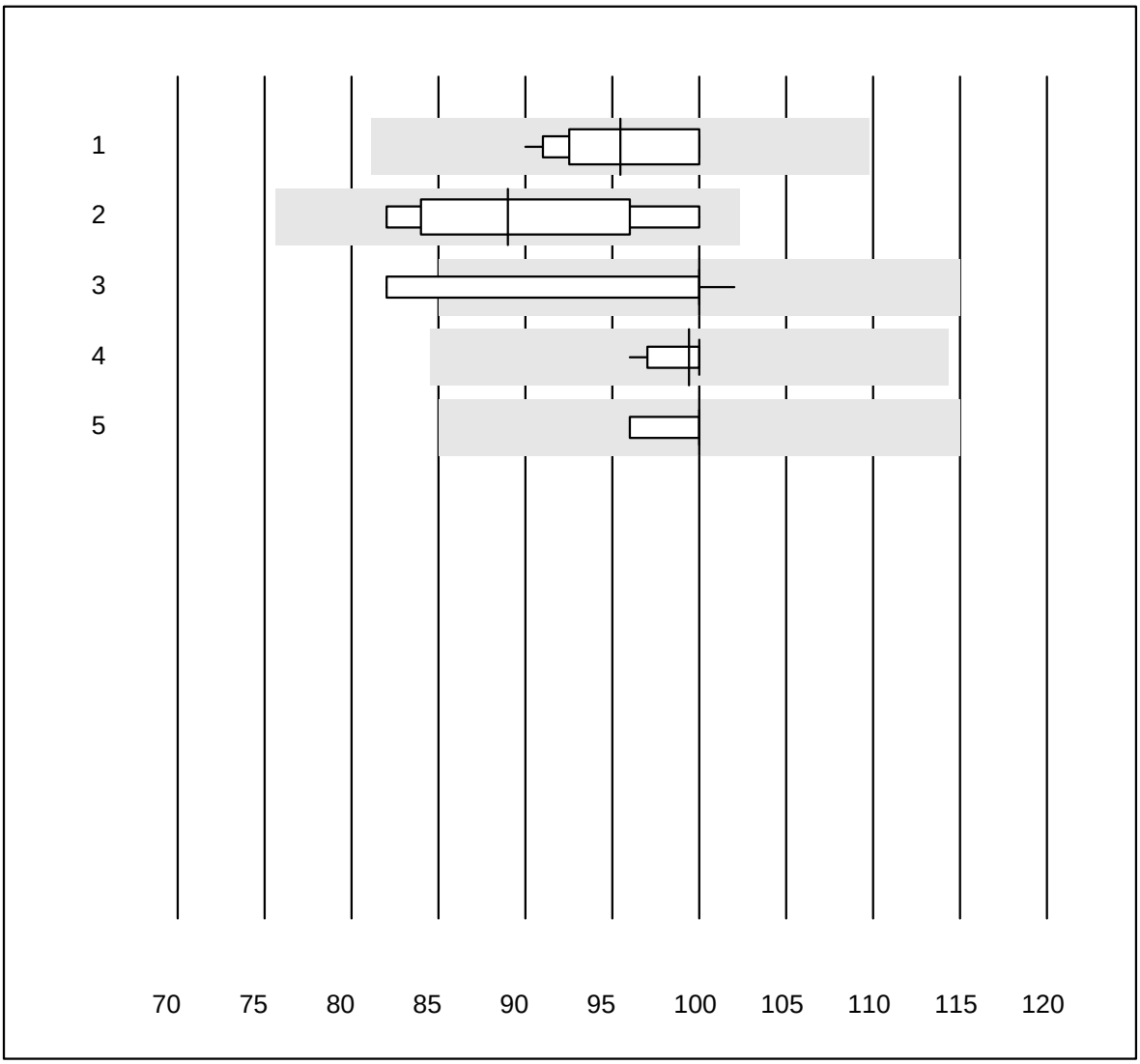


QUALAB Toleranz : 15 %

INR CoaguChek ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CoaguChek Pro II	719	98.7	0.6	0.7	3.2	3.5	e

Quick N

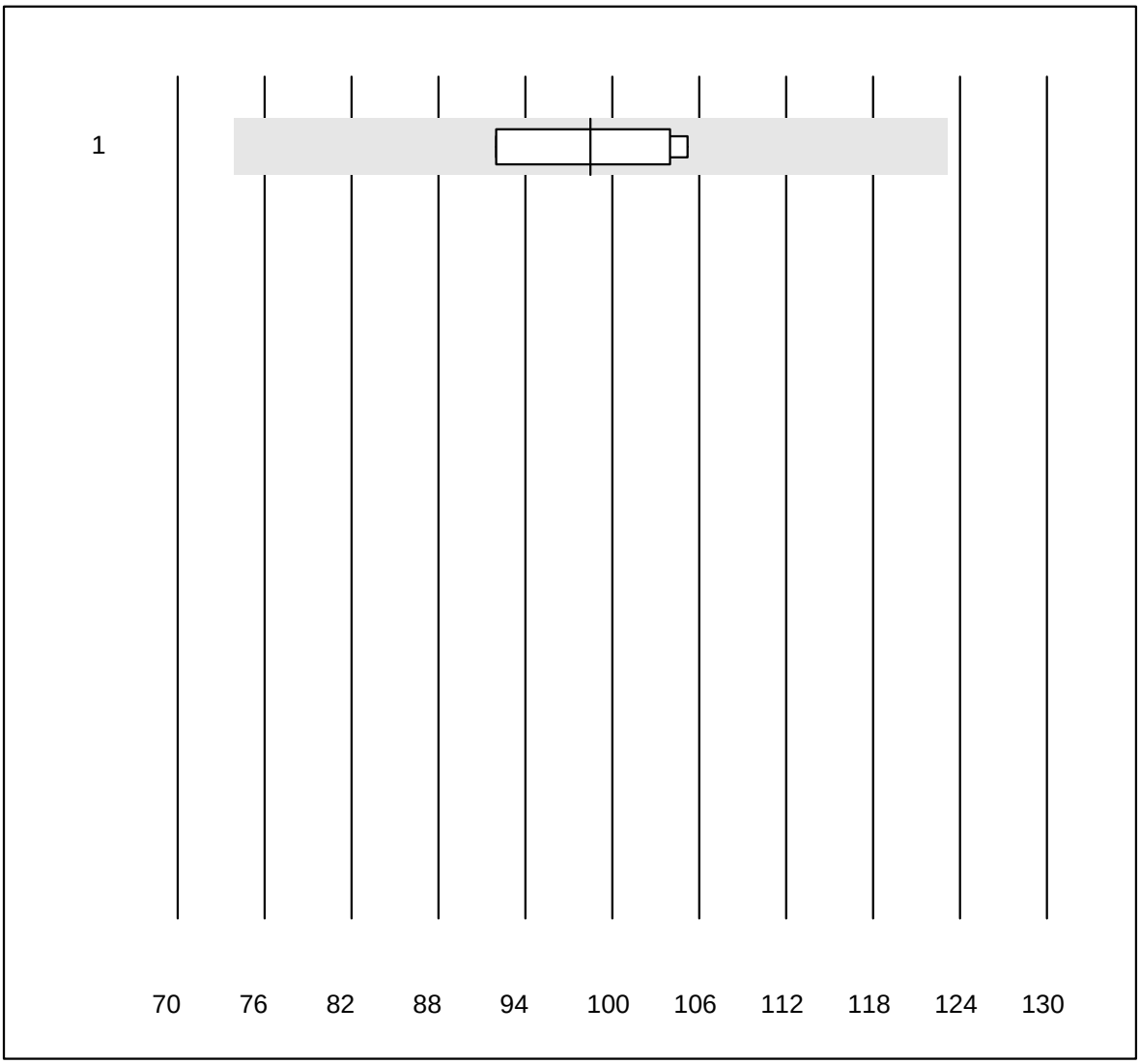


QUALAB Toleranz : 15 %

Quick N (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Neoplastin R	12	100.0	0.0	0.0	95	4.1	e
2	Neoplastin Plus	6	100.0	0.0	0.0	89	8.0	e*
3	Innovin	10	90.0	10.0	0.0	100	5.9	e*
4	Alle Methoden	12	100.0	0.0	0.0	99	1.4	e
5	Recombiplastin 2G	7	100.0	0.0	0.0	100	1.5	e

Faktor II

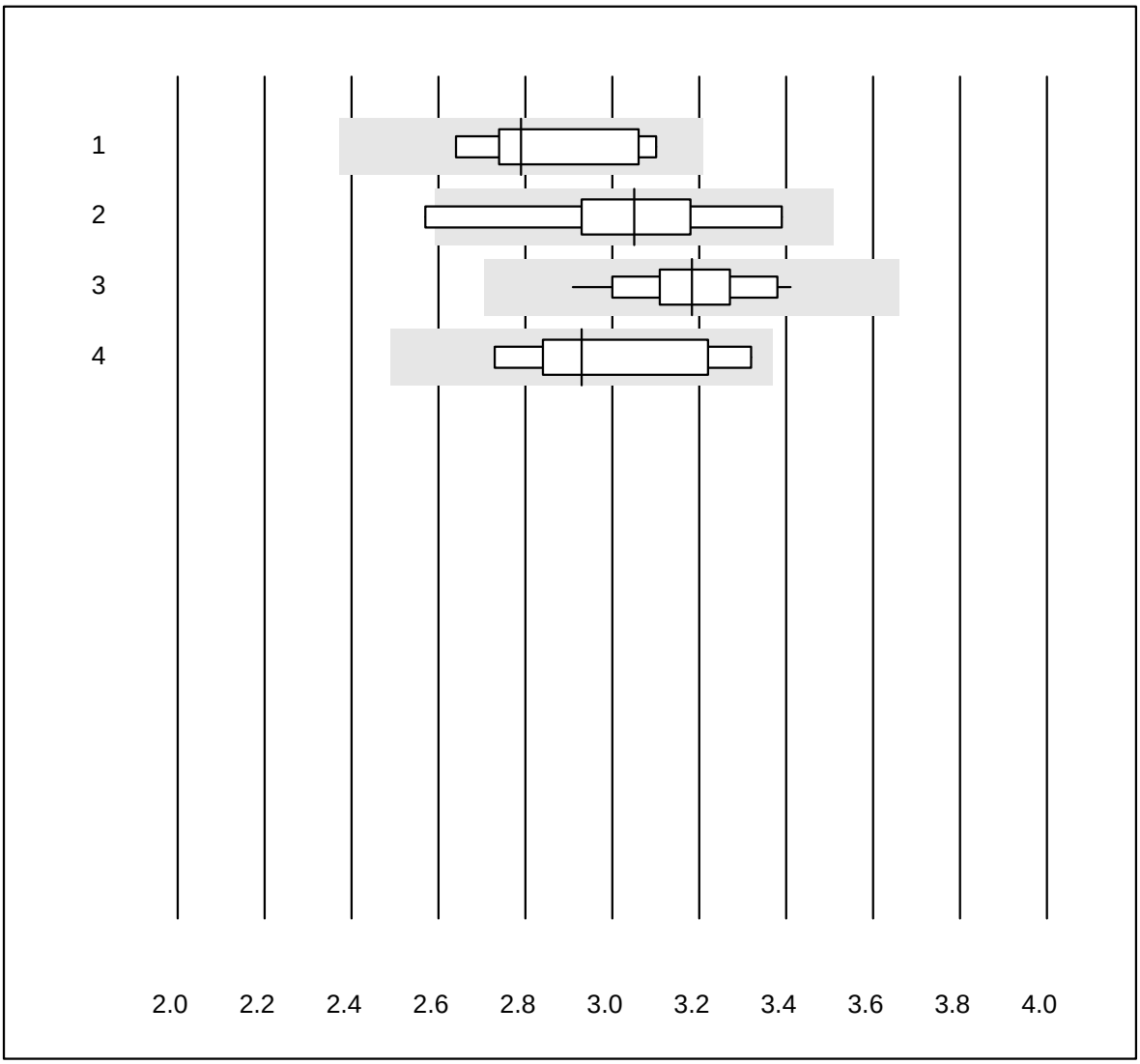


MQ Toleranz : 25 %

Faktor II (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	4	100.0	0.0	0.0	98.5	7.1	e*

Fibrinogen N

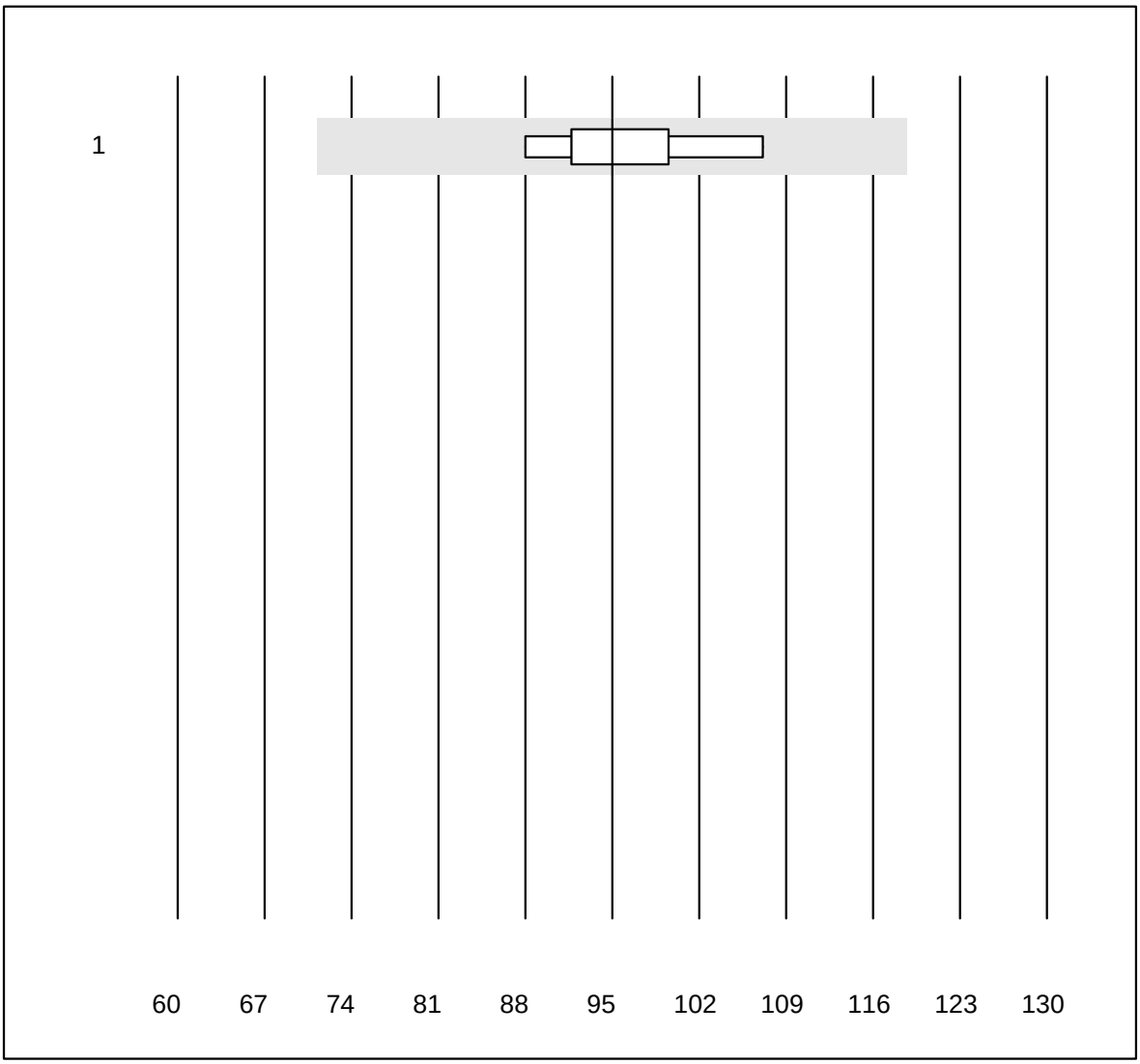


QUALAB Toleranz : 15 %

Fibrinogen N (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Siemens Thrombin	6	83.3	0.0	16.7	2.79	6.9	e*
2	andere Methoden	9	88.9	11.1	0.0	3.05	8.8	e*
3	Stago/STA	18	100.0	0.0	0.0	3.18	4.2	e
4	Fibrinogen Q.F.A.	6	100.0	0.0	0.0	2.93	7.7	e*

Faktor V

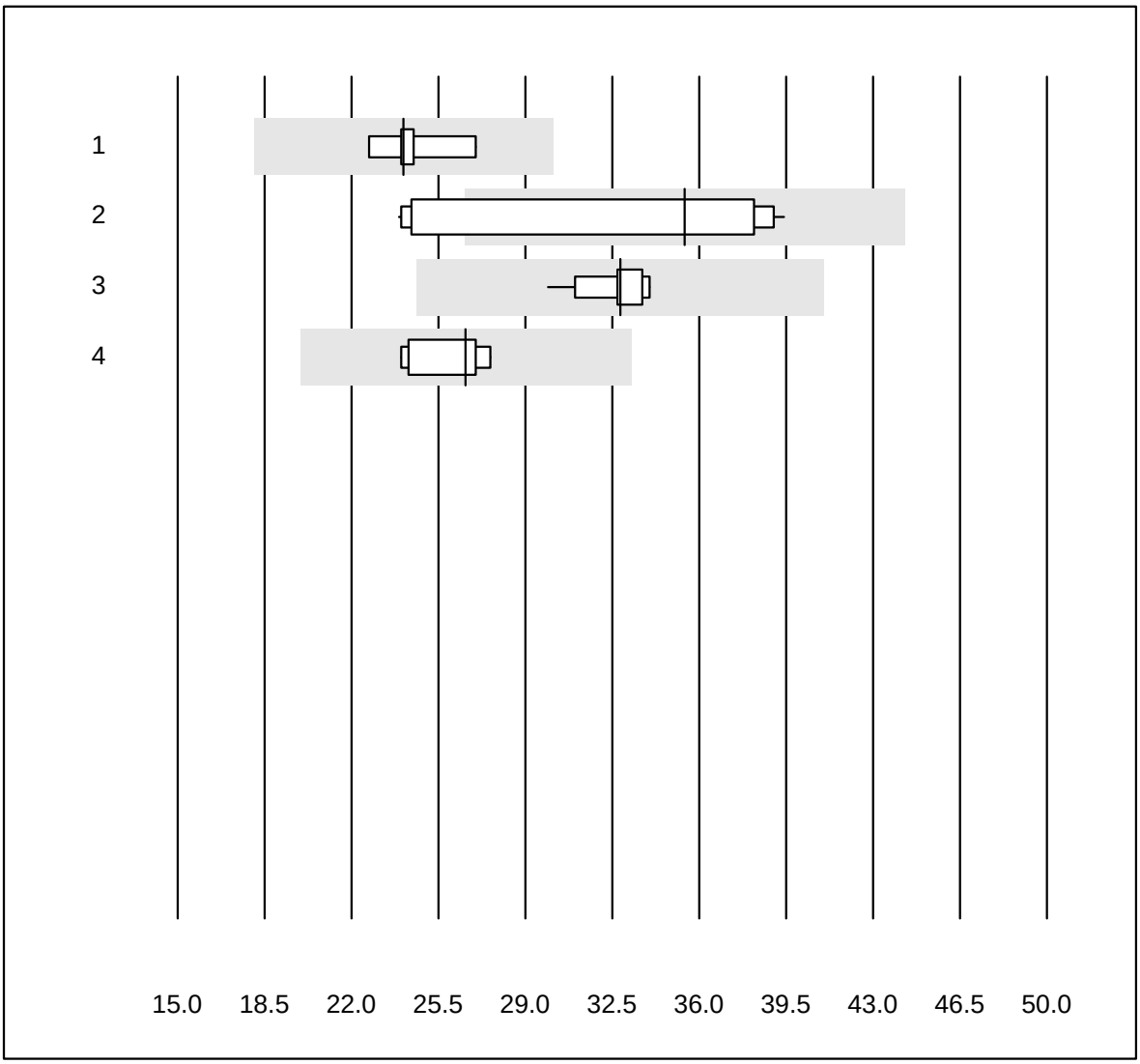


MQ Toleranz : 25 %

Faktor V (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	7	100.0	0.0	0.0	95.0	6.5	e

aPTT N

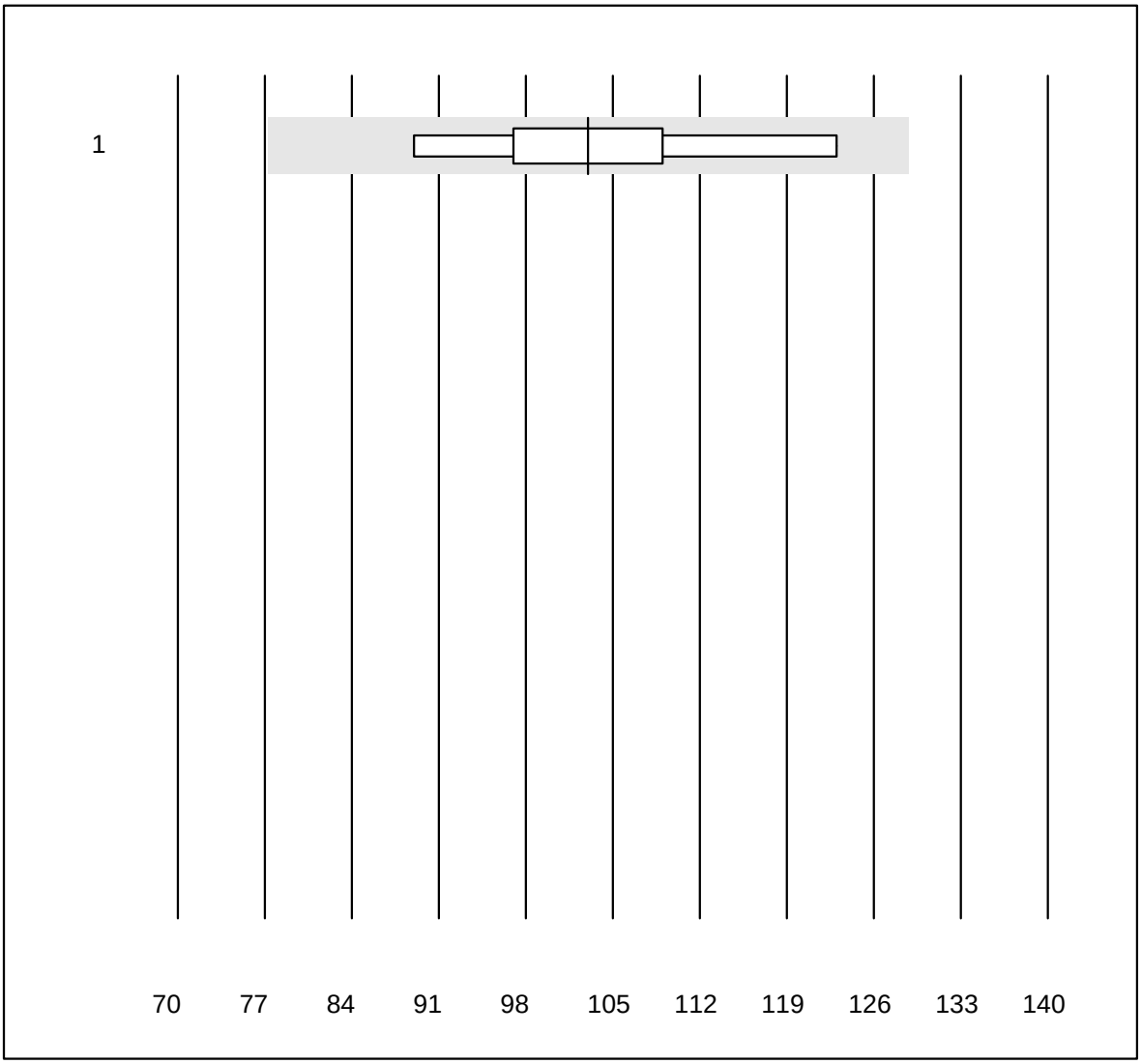


QUALAB Toleranz : 25 %

aPTT N (Sek)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Actin FS	5	100.0	0.0	0.0	24.1	6.4	e
2	andere Methoden	12	75.0	25.0	0.0	35.4	20.3	e*
3	Stago/STA	18	100.0	0.0	0.0	32.8	3.3	e
4	aPTT-SP	9	88.9	0.0	11.1	26.6	5.2	e

Faktor VII

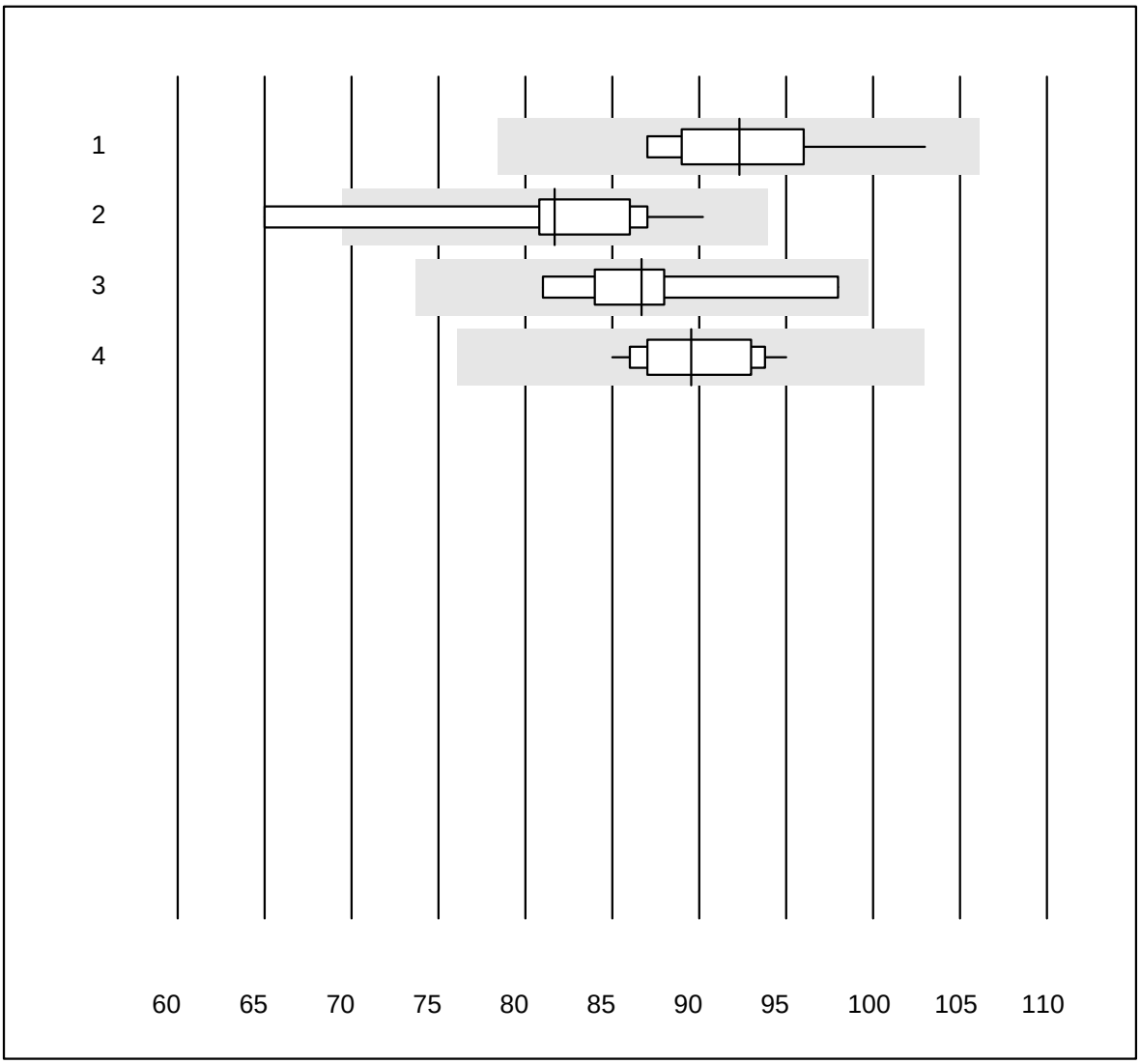


MQ Toleranz : 25 %

Faktor VII (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	5	100.0	0.0	0.0	103.0	12.3	e*

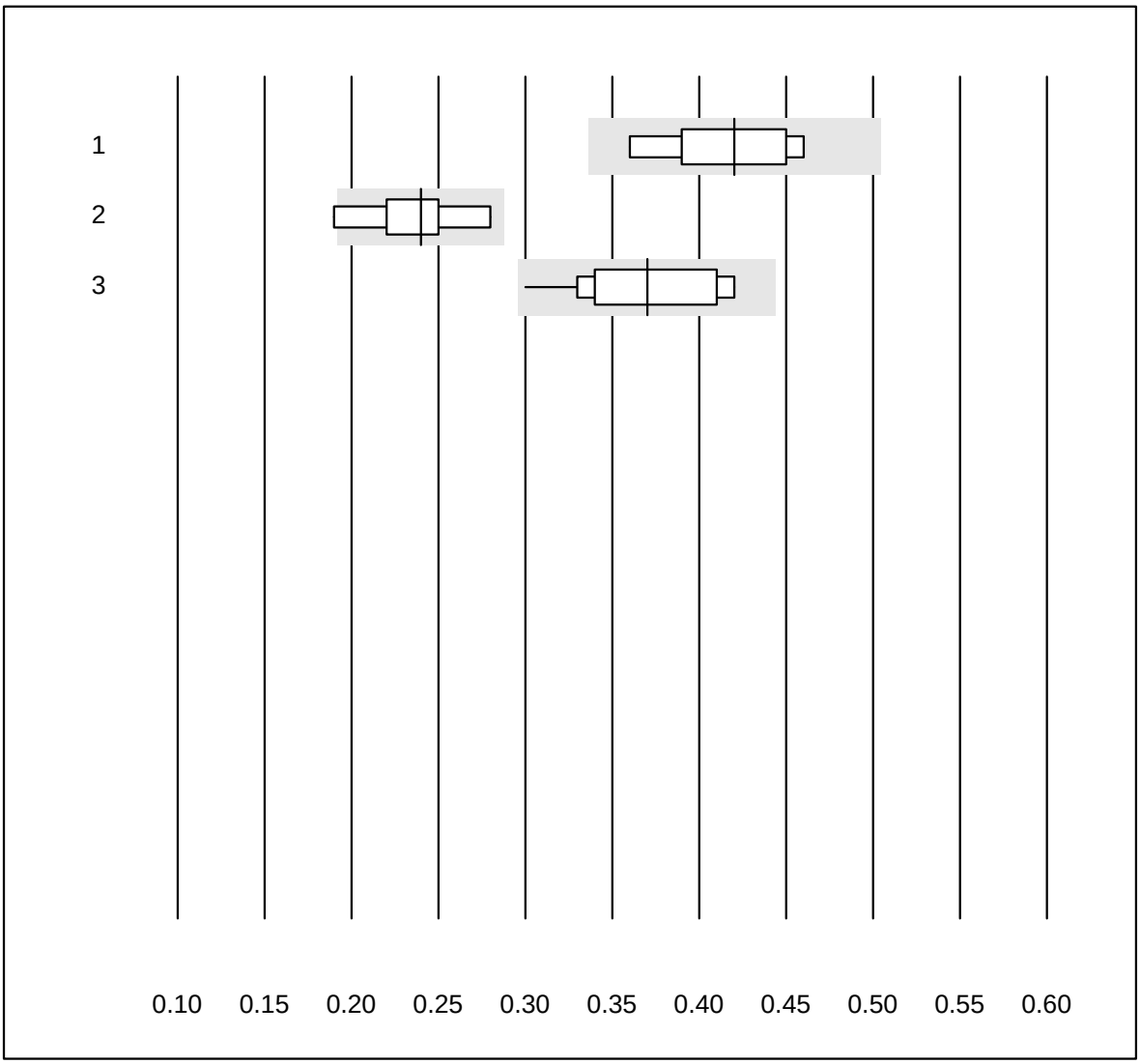
Quick H



QUALAB Toleranz : 15 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Neoplastin R	10	100.0	0.0	0.0	92	5.3	e
2	Innovin	10	90.0	10.0	0.0	82	8.6	e*
3	Alle Methoden	7	100.0	0.0	0.0	87	6.1	e*
4	Recombiplastin 2G	11	100.0	0.0	0.0	90	3.8	e

Anti-FXa (unfrakt-Heparin)

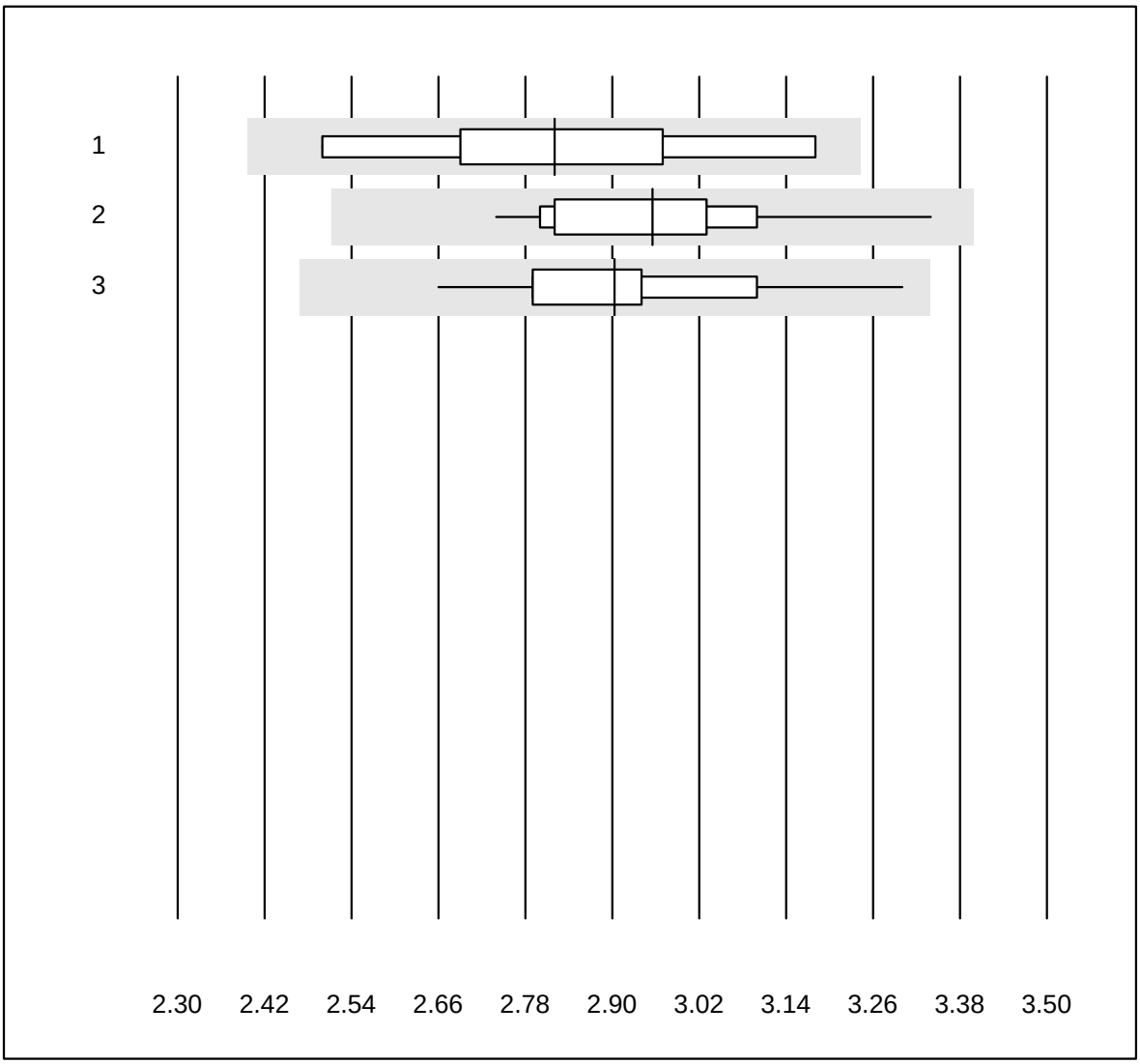


MQ Toleranz : 20 %

Anti-FXa (unfrakt-Heparin) (IU/ml)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	8	87.5	0.0	12.5	0.42	8.3	e*
2	Stago/STA	9	77.8	11.1	11.1	0.24	11.7	e*
3	ACL	15	100.0	0.0	0.0	0.37	10.1	a

Fibrinogen H

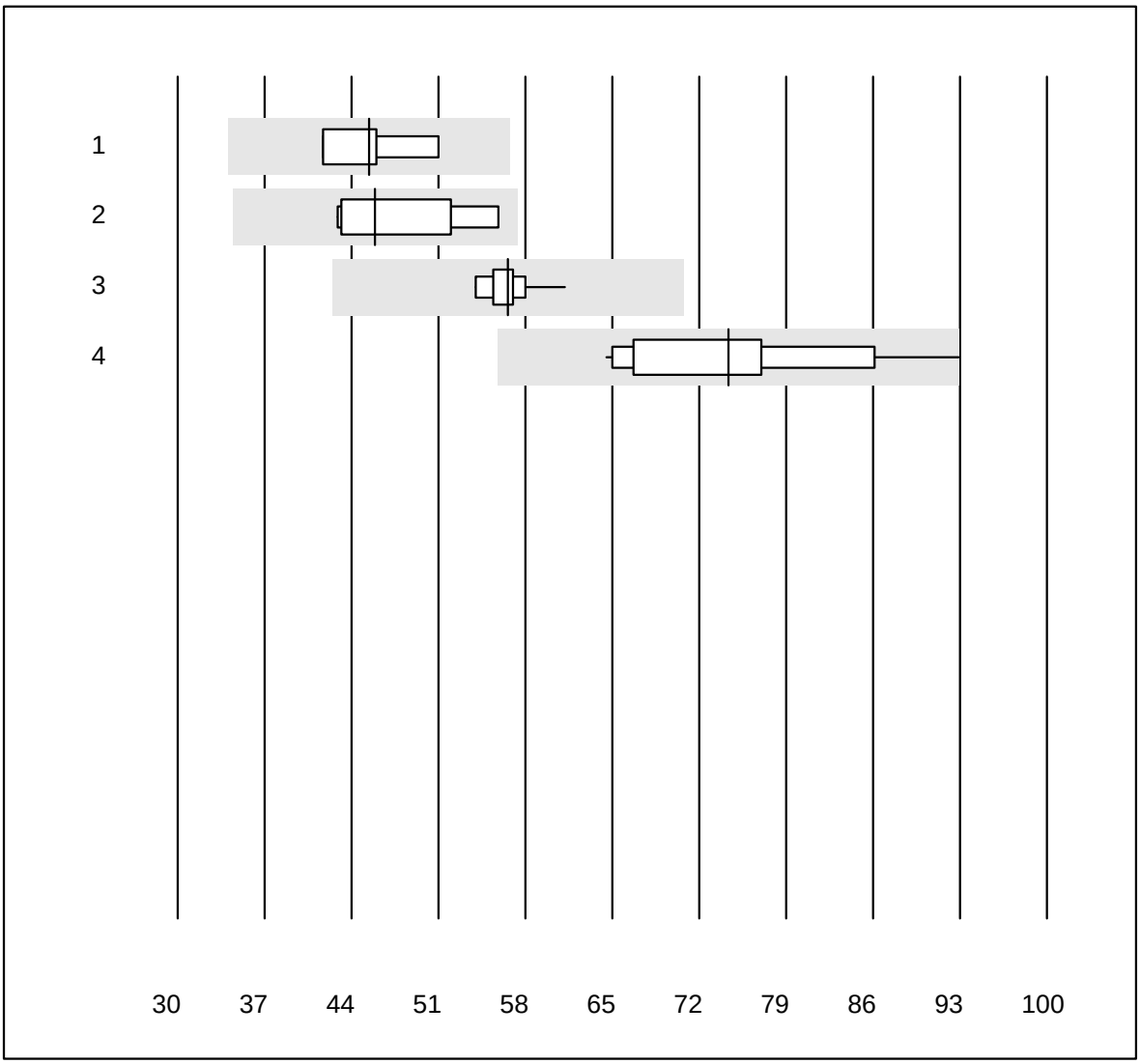


QUALAB Toleranz : 15 %

Fibrinogen H (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	andere Methoden	9	100.0	0.0	0.0	2.82	7.8	e*
2	Stago/STA	12	100.0	0.0	0.0	2.96	5.5	e
3	Fibrinogen Q.F.A.	12	100.0	0.0	0.0	2.90	6.1	e

aPTT H

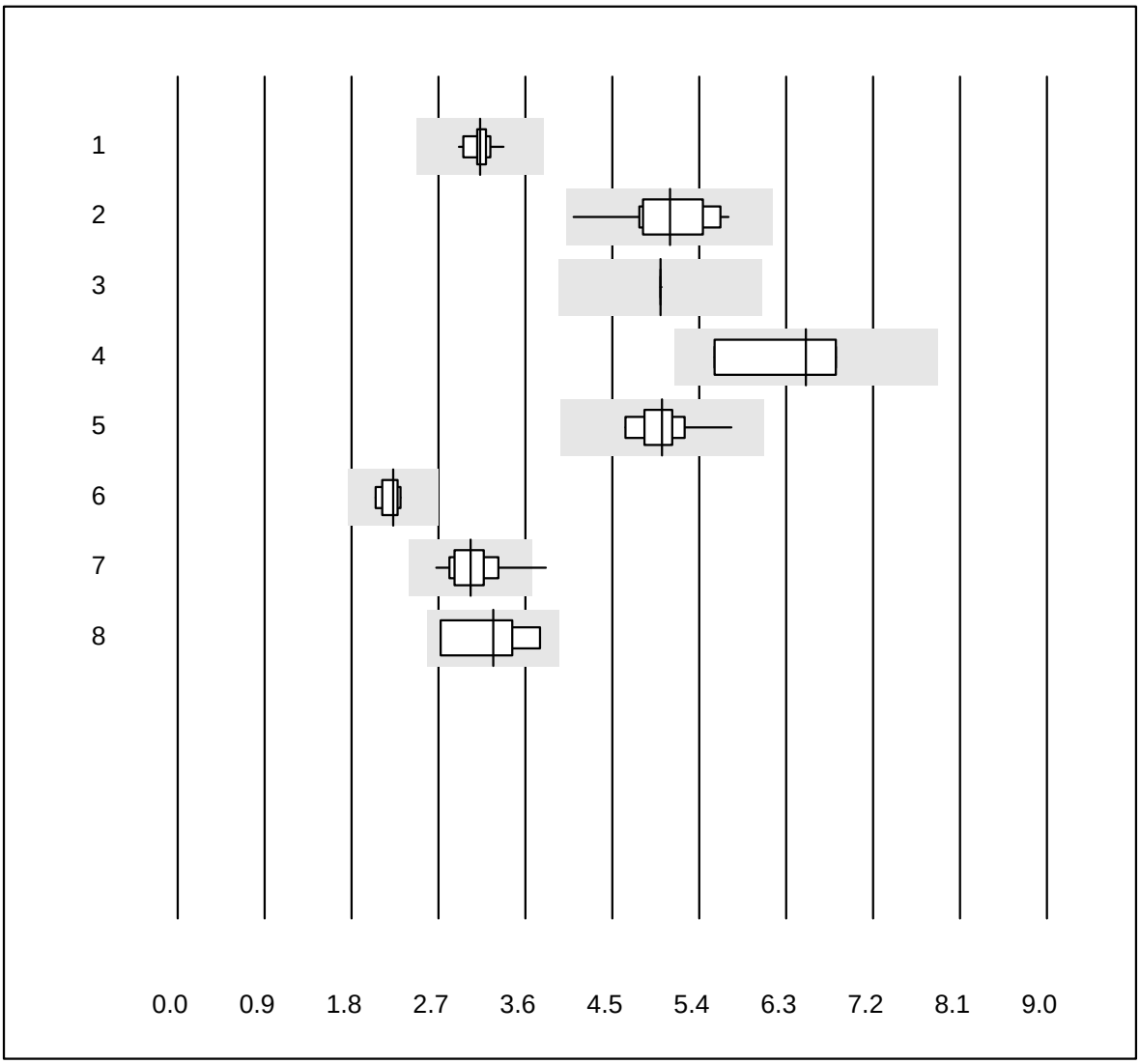


QUALAB Toleranz : 25 %

aPTT H (Sek)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Actin FS	4	100.0	0.0	0.0	45.4	8.4	e*
2	andere Methoden	5	100.0	0.0	0.0	45.9	11.9	e*
3	Stago/STA	10	100.0	0.0	0.0	56.6	3.5	e
4	aPTT-SP	12	100.0	0.0	0.0	74.3	12.3	e*

D-Dimere

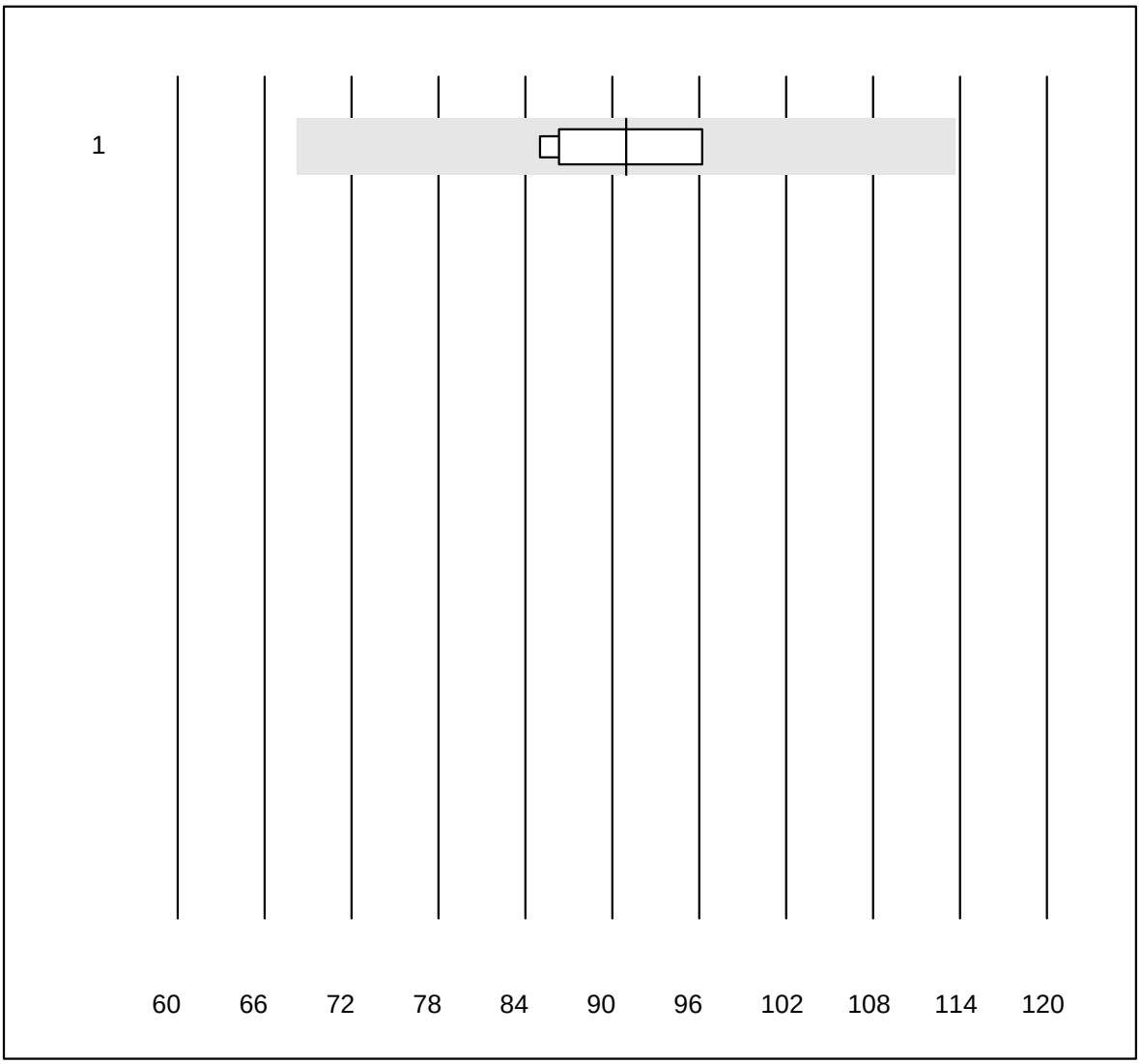


QUALAB Toleranz : 21 %

D-Dimere (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	STA Liatest	13	100.0	0.0	0.0	3.13	3.9	e
2	Siemens Innovance	11	100.0	0.0	0.0	5.10	9.1	e*
3	Pathfast	8	87.5	0.0	12.5	5.00	0.0	e
4	Eurolyser	4	100.0	0.0	0.0	6.51	9.5	e*
5	ACL	10	100.0	0.0	0.0	5.01	6.1	e
6	AQT 90 FLEX	9	100.0	0.0	0.0	2.23	4.4	e
7	VIDAS	14	92.9	7.1	0.0	3.03	9.2	e
8	andere (0,5)	4	100.0	0.0	0.0	3.27	13.9	e*

CoaguChek APTT

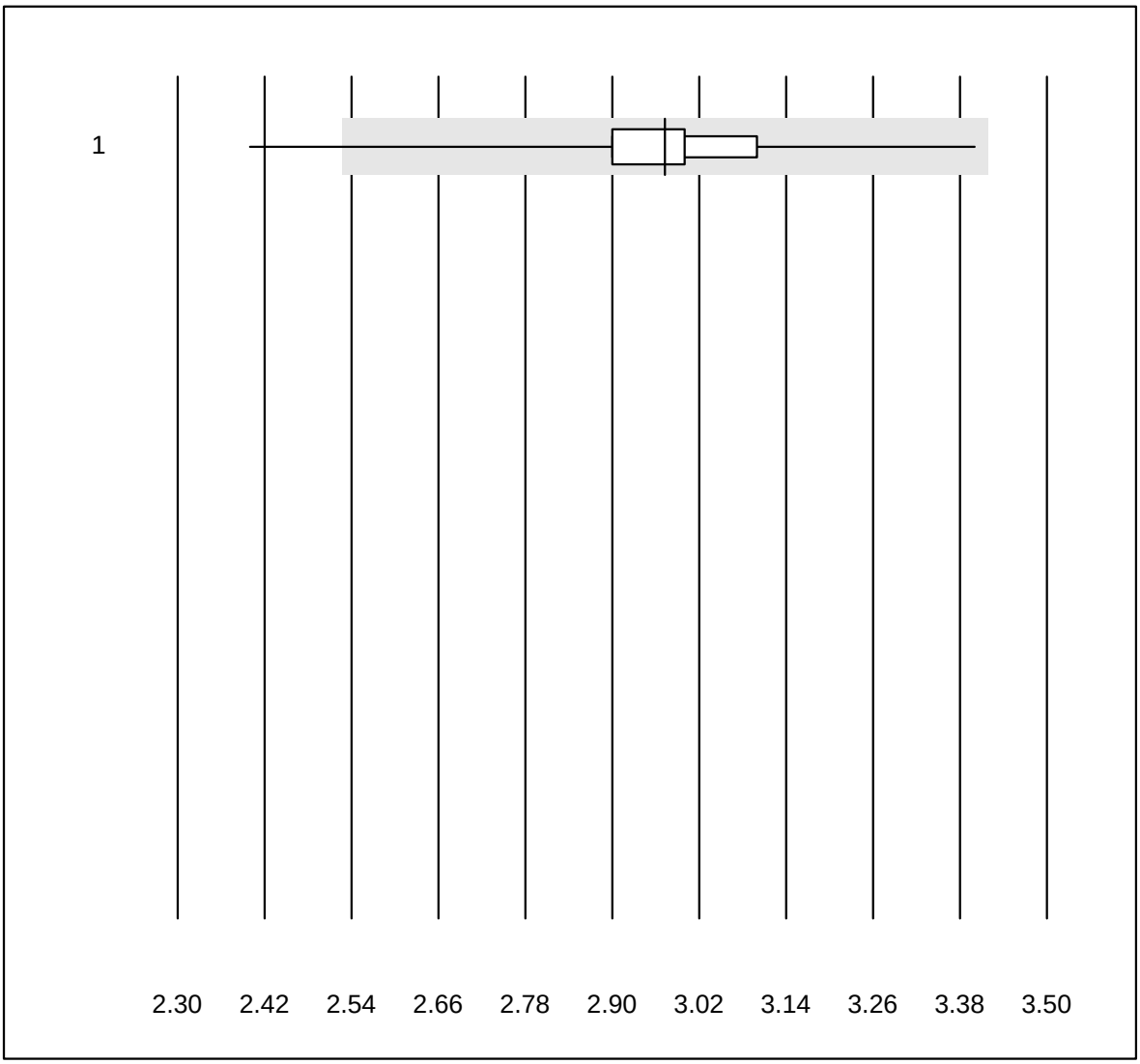


QUALAB Toleranz : 25 %

CoaguChek APTT (Sek)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CoaguChek Pro II	6	100.0	0.0	0.0	91.0	5.3	e

INR CCXS

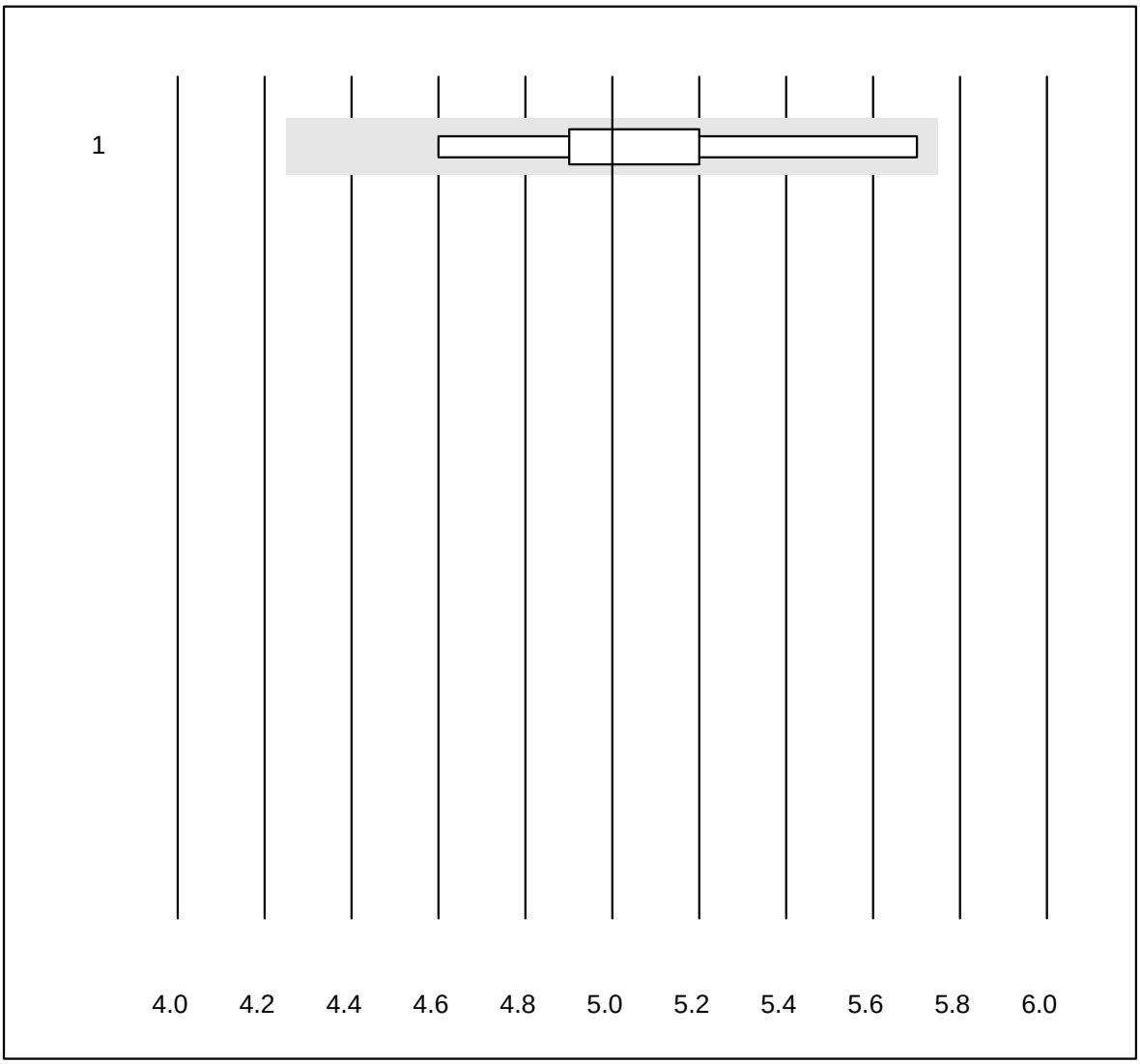


QUALAB Toleranz : 15 %

INR CCXS ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CoaguChek XS	1589	98.8	0.5	0.7	3.0	3.3	e

INR HC

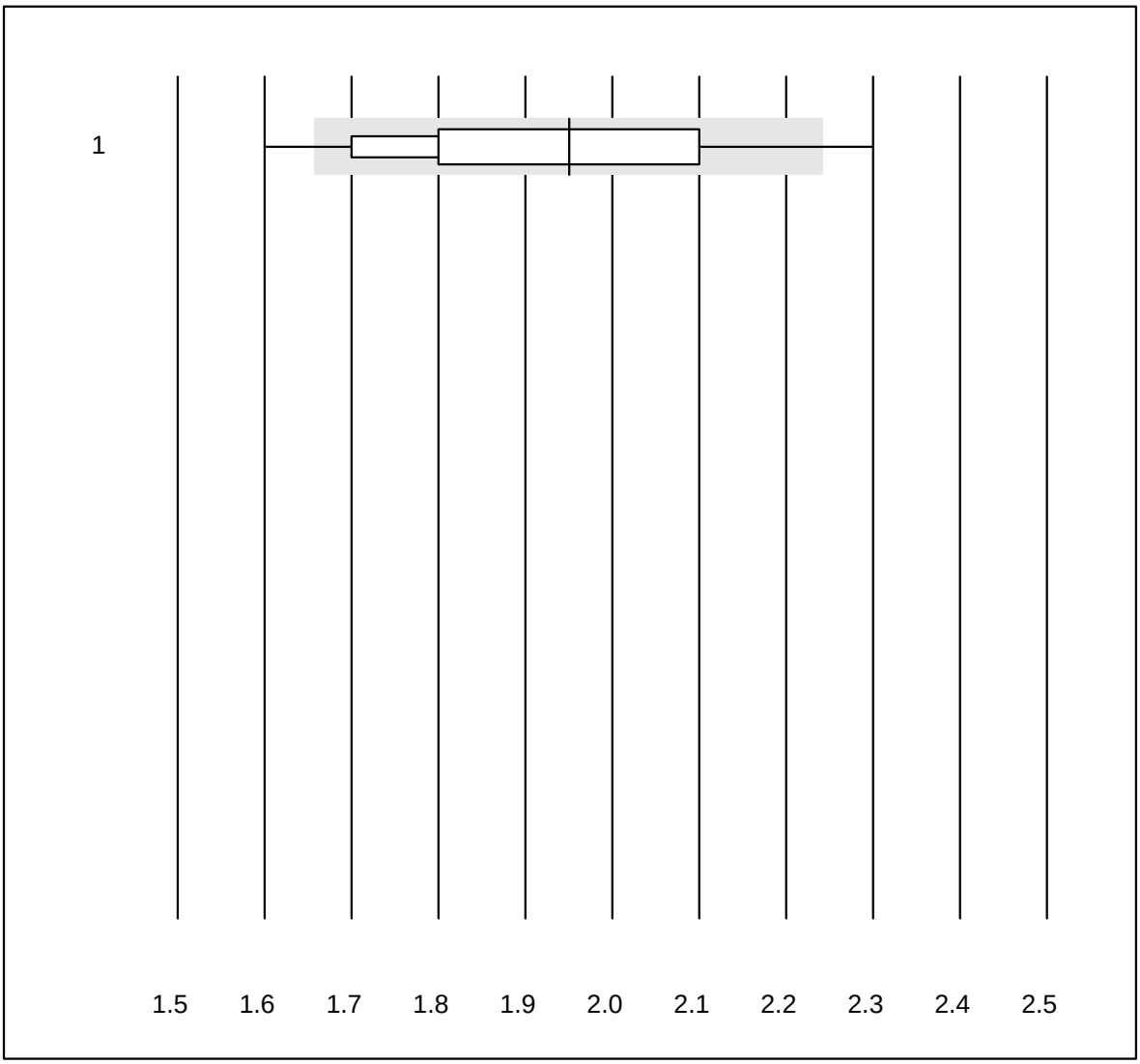


QUALAB Toleranz : 15 %

INR HC ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Hemochron j.	8	100.0	0.0	0.0	5.0	6.7	e*

INR MI

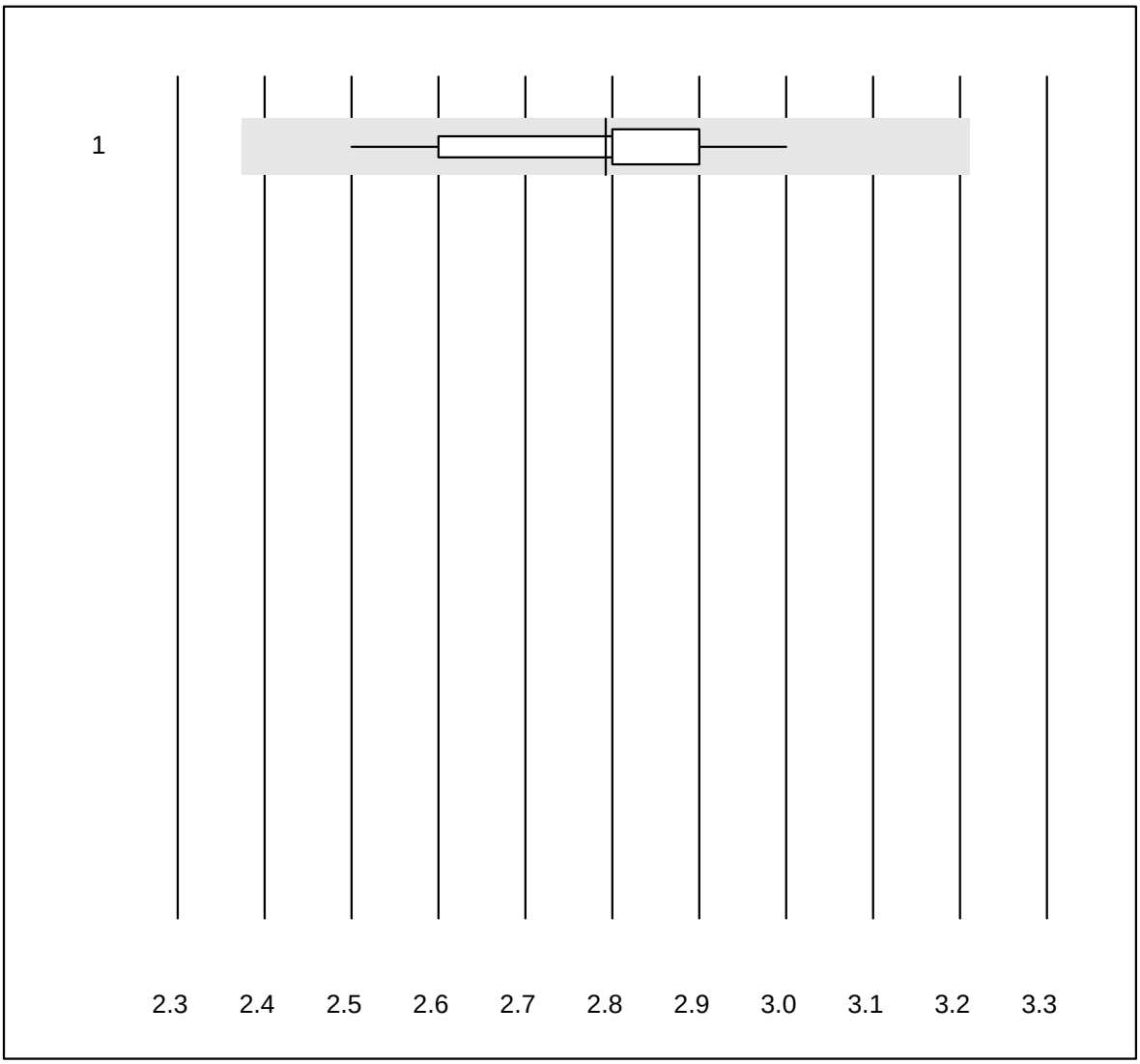


QUALAB Toleranz : 15 %

INR MI ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	MicroINR	135	70.3	6.7	23.0	2.0	8.7	e

INR Xprecia

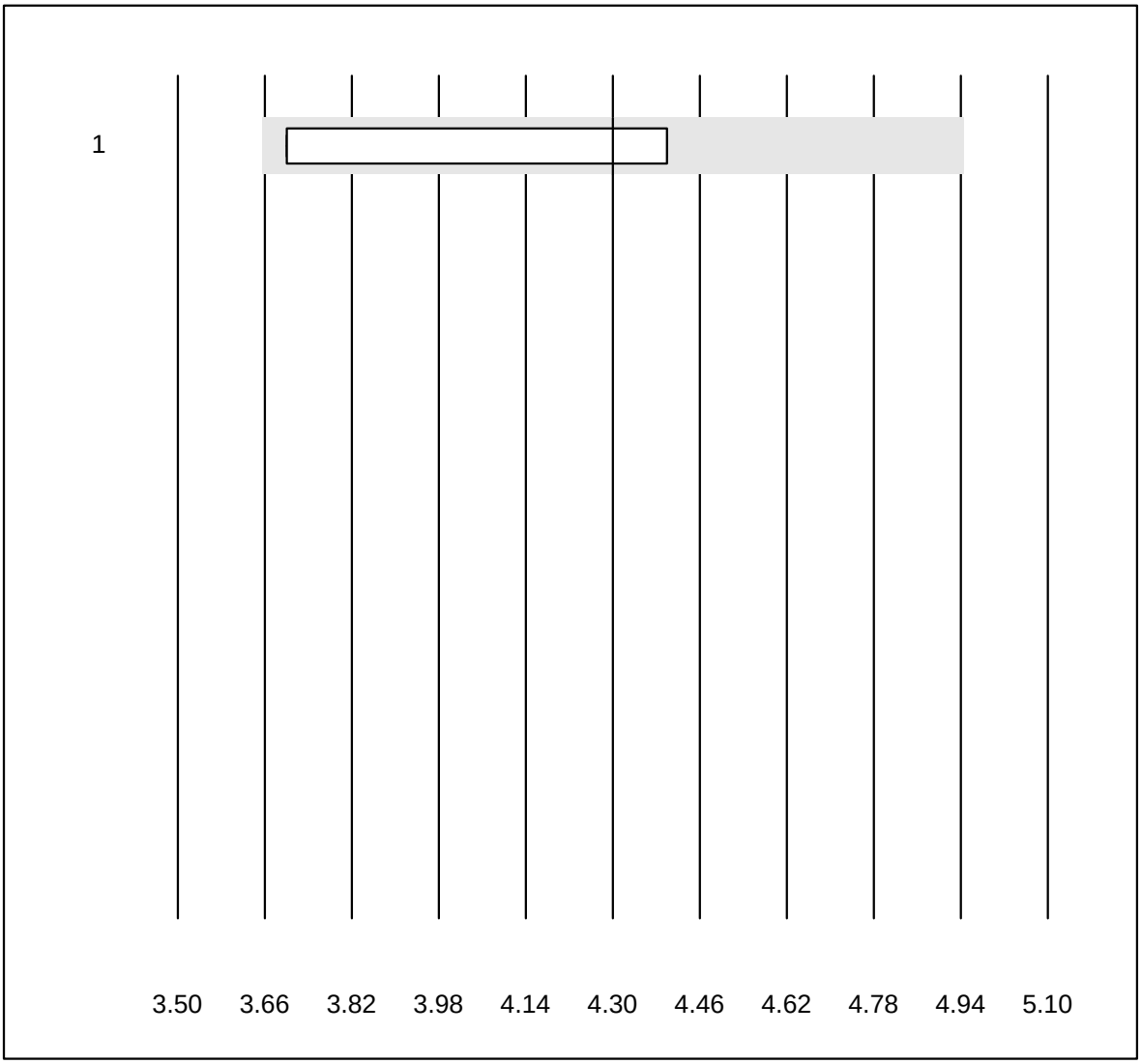


QUALAB Toleranz : 15 %

INR Xprecia ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Xprecia	58	98.3	0.0	1.7	2.8	4.4	e

INR Lumira Dx

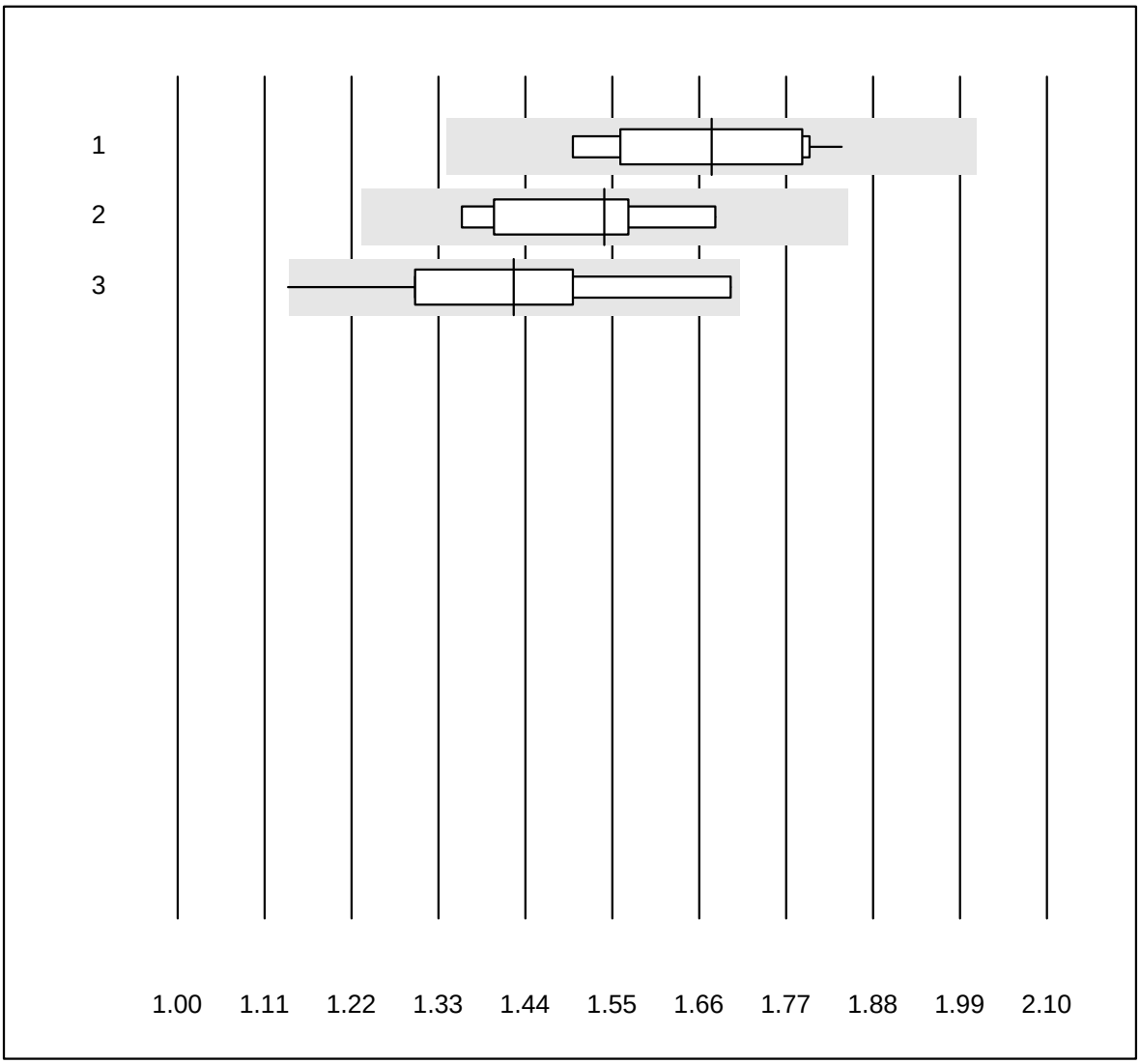


QUALAB Toleranz : 15 %

INR Lumira Dx ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Lumira Dx	4	100.0	0.0	0.0	4.3	7.9	e*

Anti-FXa (LMW-Heparin)

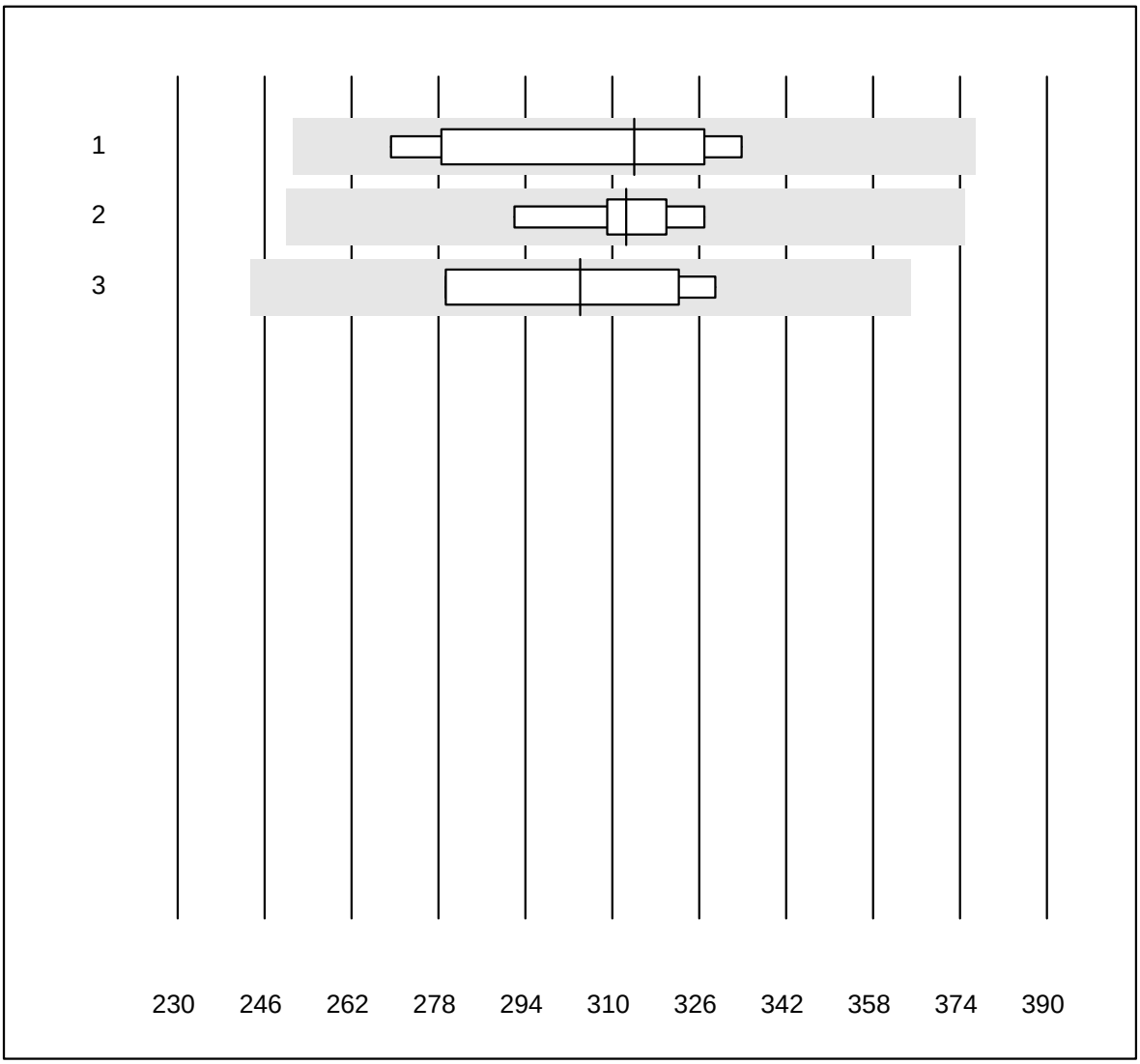


MQ Toleranz : 20 %

Anti-FXa (LMW-Heparin) (IU/ml)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	11	100.0	0.0	0.0	1.68	7.4	e
2	Stago/STA	8	100.0	0.0	0.0	1.54	7.3	e*
3	ACL	13	92.3	7.7	0.0	1.43	11.4	e*

Anti-FXa (Rivaroxaban)

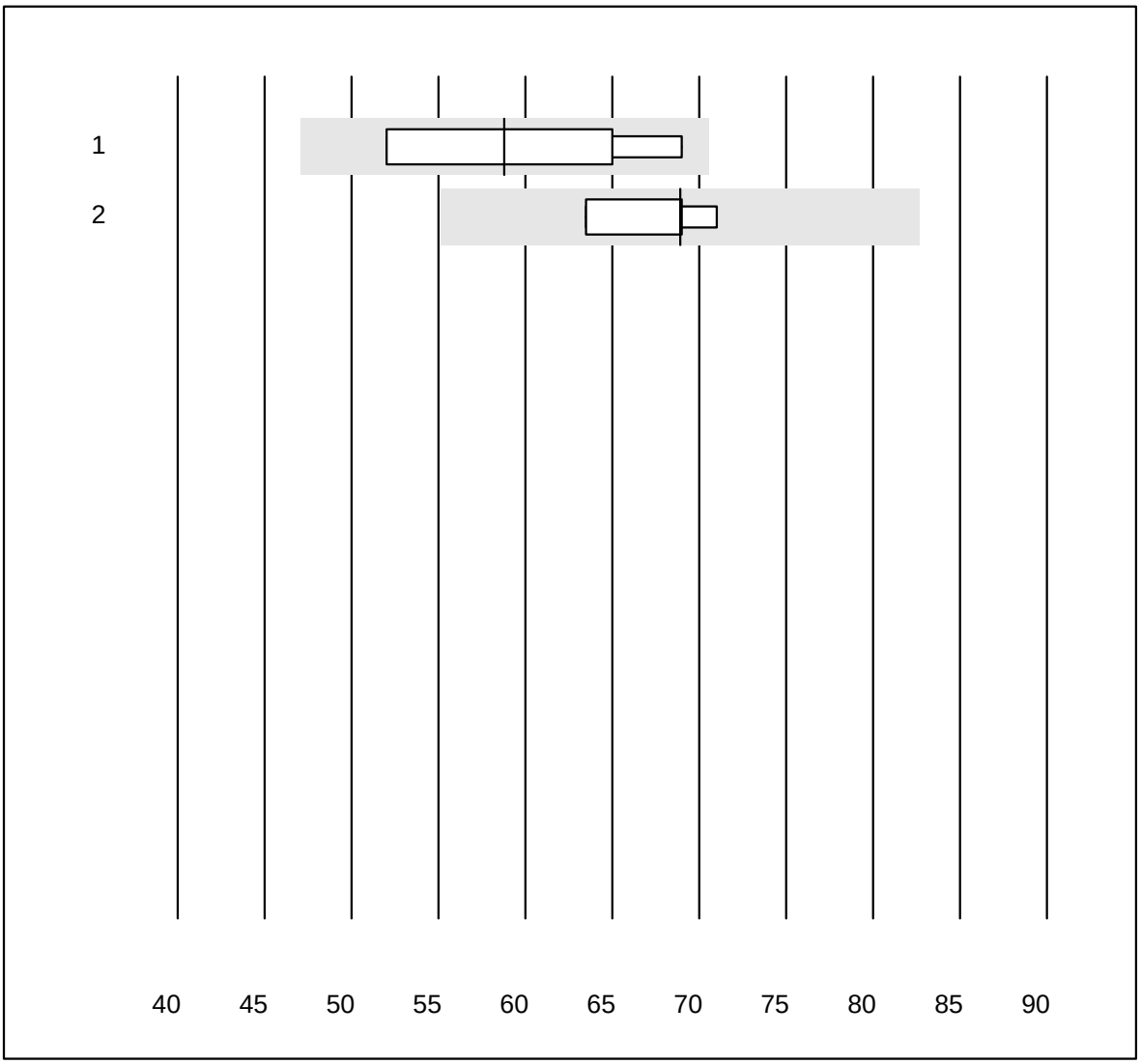


MQ Toleranz : 20 %

Anti-FXa (Rivaroxaban) (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	7	100.0	0.0	0.0	314.00	8.1	e*
2	Stago/STA	8	87.5	0.0	12.5	312.50	3.5	e
3	ACL	4	100.0	0.0	0.0	304.10	8.2	e*

Anti-FXa (Apixaban)

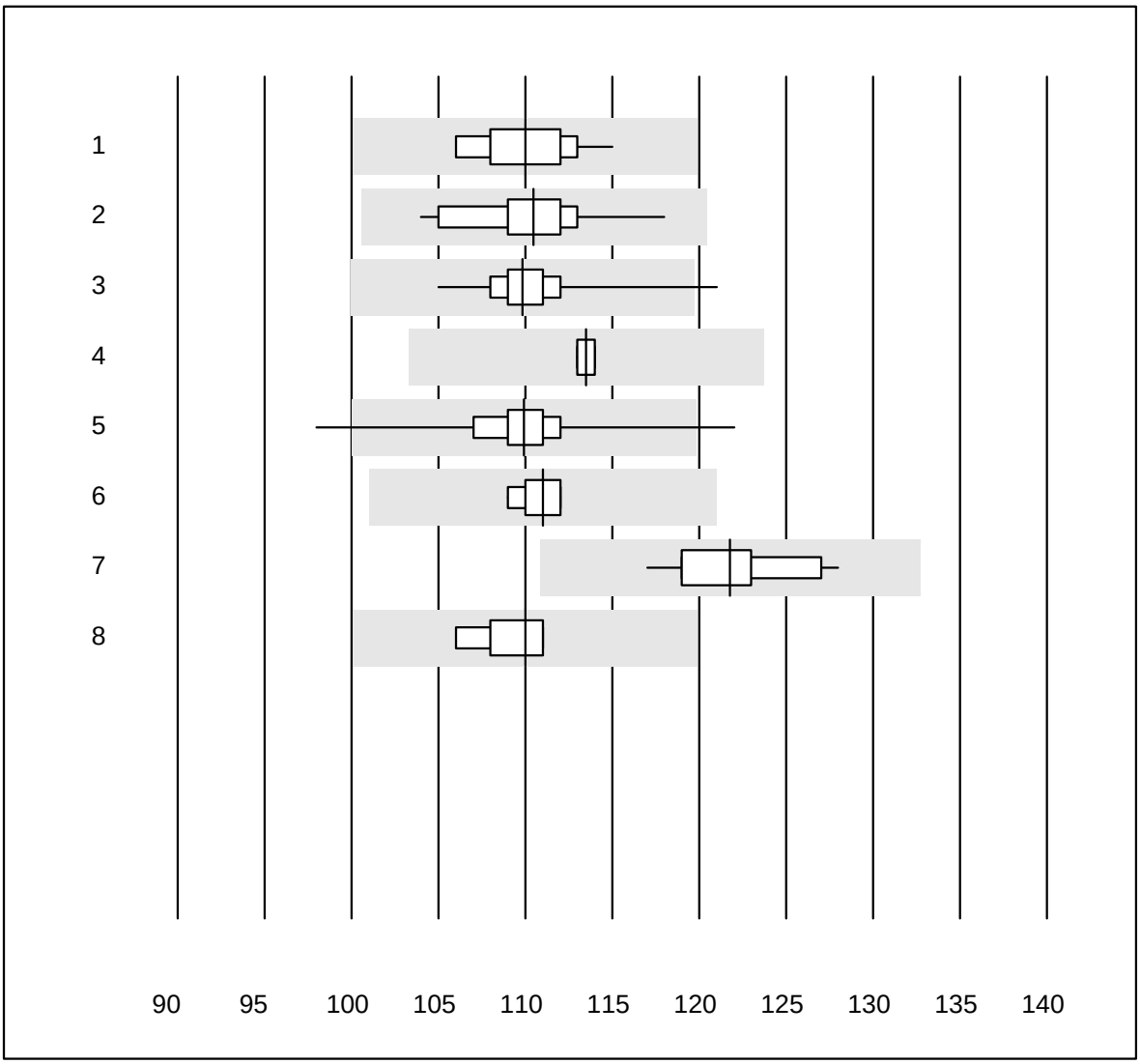


MQ Toleranz : 20 %

Anti-FXa (Apixaban) (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	4	100.0	0.0	0.0	58.80	14.5	e*
2	ACL	4	100.0	0.0	0.0	68.90	4.7	e

Hämoglobin

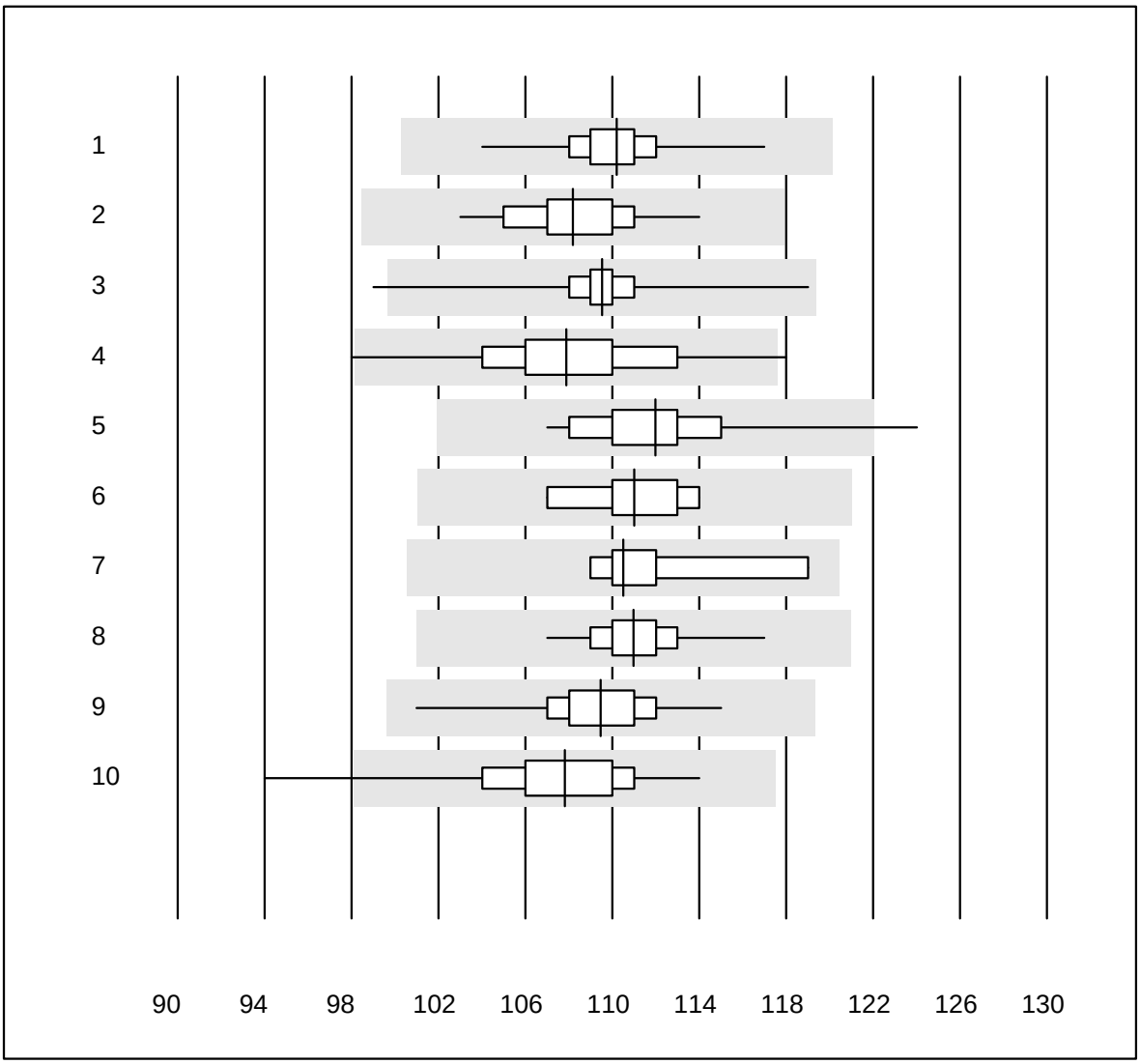


QUALAB Toleranz : 9 %

Hämoglobin (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automat	17	94.1	0.0	5.9	110.0	2.3	e
2	Cyanmethämoglobin	20	85.0	0.0	15.0	110.5	2.9	e
3	Sysmex X	45	97.8	2.2	0.0	109.8	2.1	e
4	Advia 120	4	100.0	0.0	0.0	113.5	0.5	e
5	Hemocue	406	95.3	2.0	2.7	109.9	2.5	e
6	Hemocontrol	9	100.0	0.0	0.0	111.0	1.0	e
7	DiaSpect	15	93.3	0.0	6.7	121.8	2.5	e
8	Sysmex	9	100.0	0.0	0.0	110.0	1.7	e

Hämoglobin

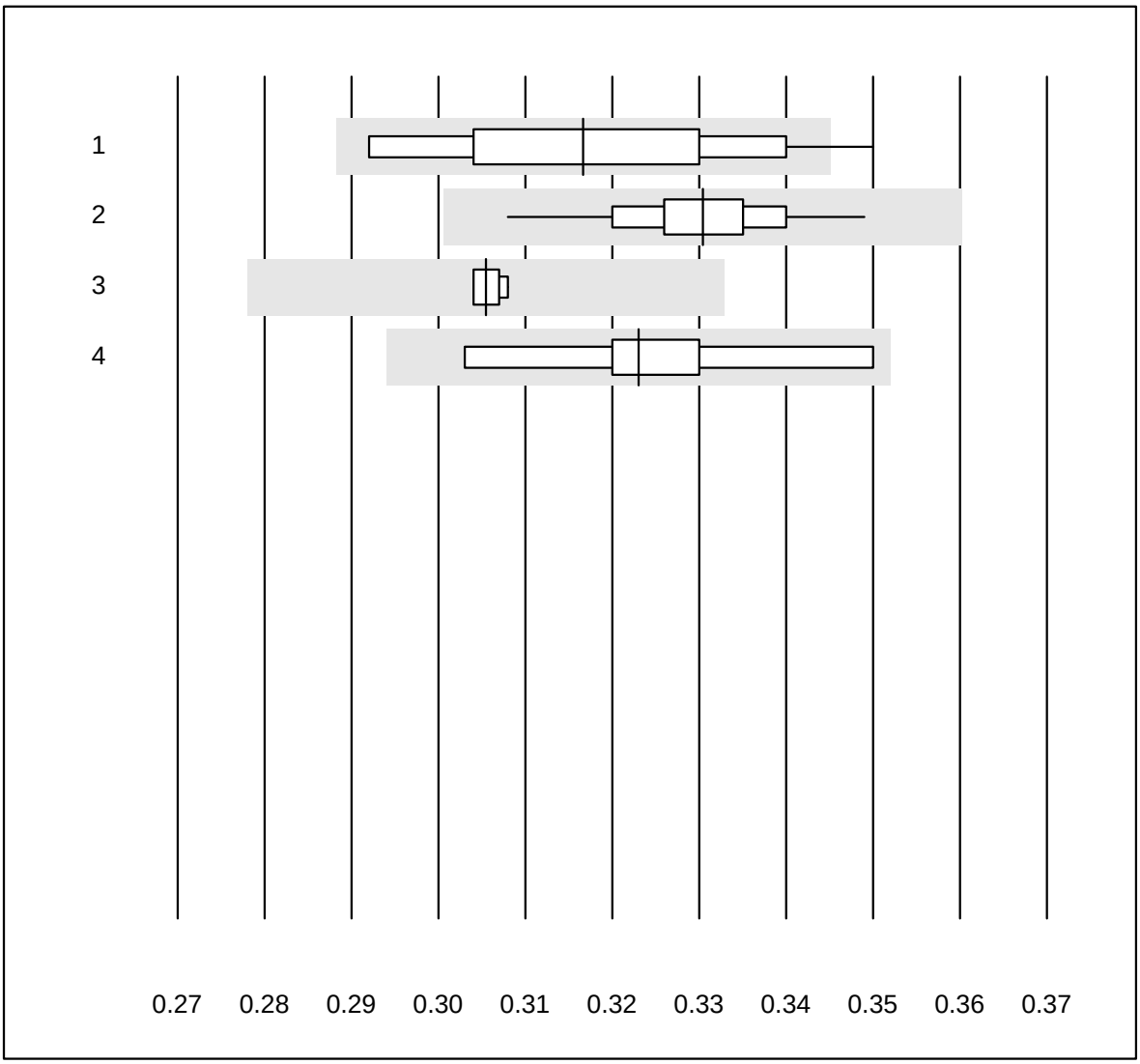


QUALAB Toleranz : 9 %

Hämoglobin (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	194	96.9	0.0	3.1	110.2	1.5	e
2	Sysmex PocH - 100i	200	99.0	0.0	1.0	108.2	2.1	e
3	Sysmex XP 300	618	97.2	0.2	2.6	109.5	1.5	e
4	Mythic	265	96.6	1.5	1.9	107.9	3.1	e
5	Swelab	32	96.9	3.1	0.0	112.0	2.9	e
6	Abacus Junior	5	100.0	0.0	0.0	111.0	2.5	e*
7	Medonic	6	100.0	0.0	0.0	110.5	3.3	e*
8	Celltac Alpha (Nihon	85	95.3	0.0	4.7	111.0	1.7	e
9	Samsung HC10	23	95.7	0.0	4.3	109.5	2.5	e
10	Micros 60	99	98.0	2.0	0.0	107.8	3.0	e

Hämatokrit

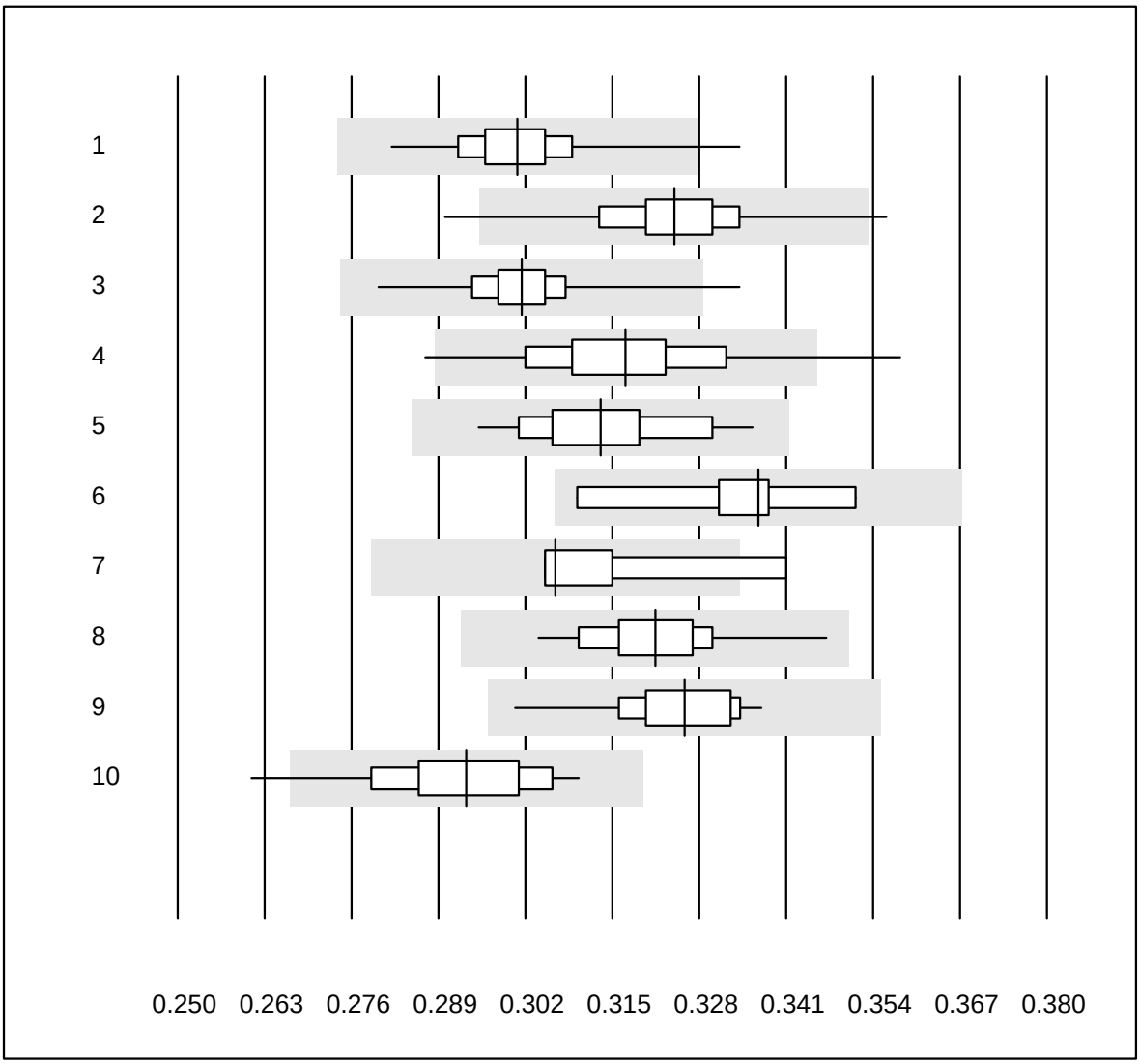


QUALAB Toleranz : 9 %

Hämatokrit (l/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automat	17	94.1	5.9	0.0	0.32	5.6	e*
2	Sysmex X	45	97.8	0.0	2.2	0.33	2.3	e
3	Advia 120	4	100.0	0.0	0.0	0.31	0.7	e
4	Sysmex	9	100.0	0.0	0.0	0.32	4.4	e*

Hämatokrit

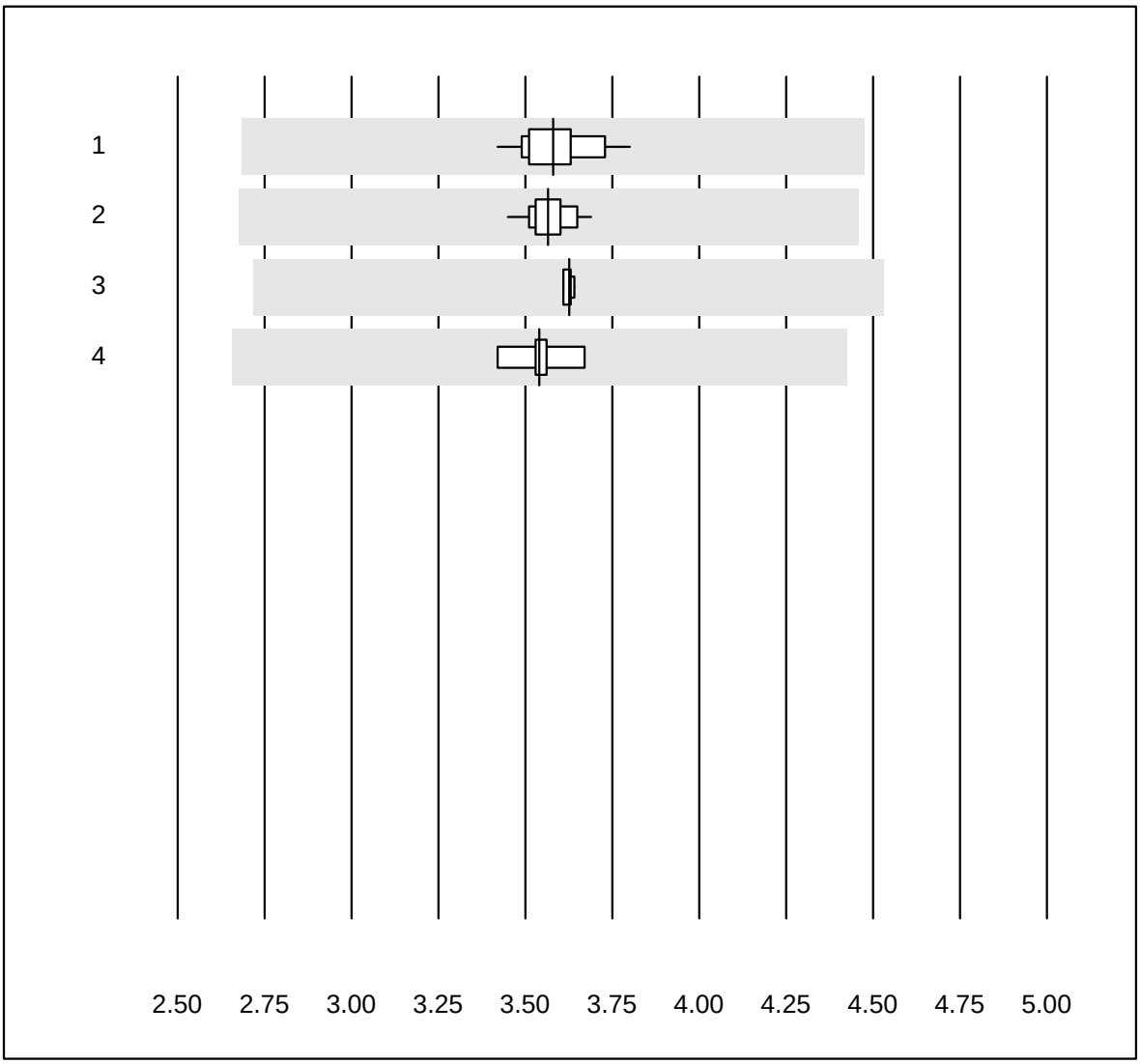


QUALAB Toleranz : 9 %

Hämatokrit (l/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	194	97.5	1.0	1.5	0.30	2.4	e
2	Sysmex PocH - 100i	200	98.0	1.5	0.5	0.32	2.8	e
3	Sysmex XP 300	619	97.7	0.5	1.8	0.30	2.0	e
4	Mythic	266	95.9	1.5	2.6	0.32	3.6	e
5	Swelab	32	100.0	0.0	0.0	0.31	3.4	e
6	Abacus Junior	5	100.0	0.0	0.0	0.34	4.6	e*
7	Medonic	6	83.3	16.7	0.0	0.31	4.5	e*
8	Celltac Alpha (Nihon	85	94.1	0.0	5.9	0.32	2.5	e
9	Samsung HC10	23	100.0	0.0	0.0	0.33	2.6	e
10	Micros 60	98	97.0	1.0	2.0	0.29	3.6	e

Erythrozyten

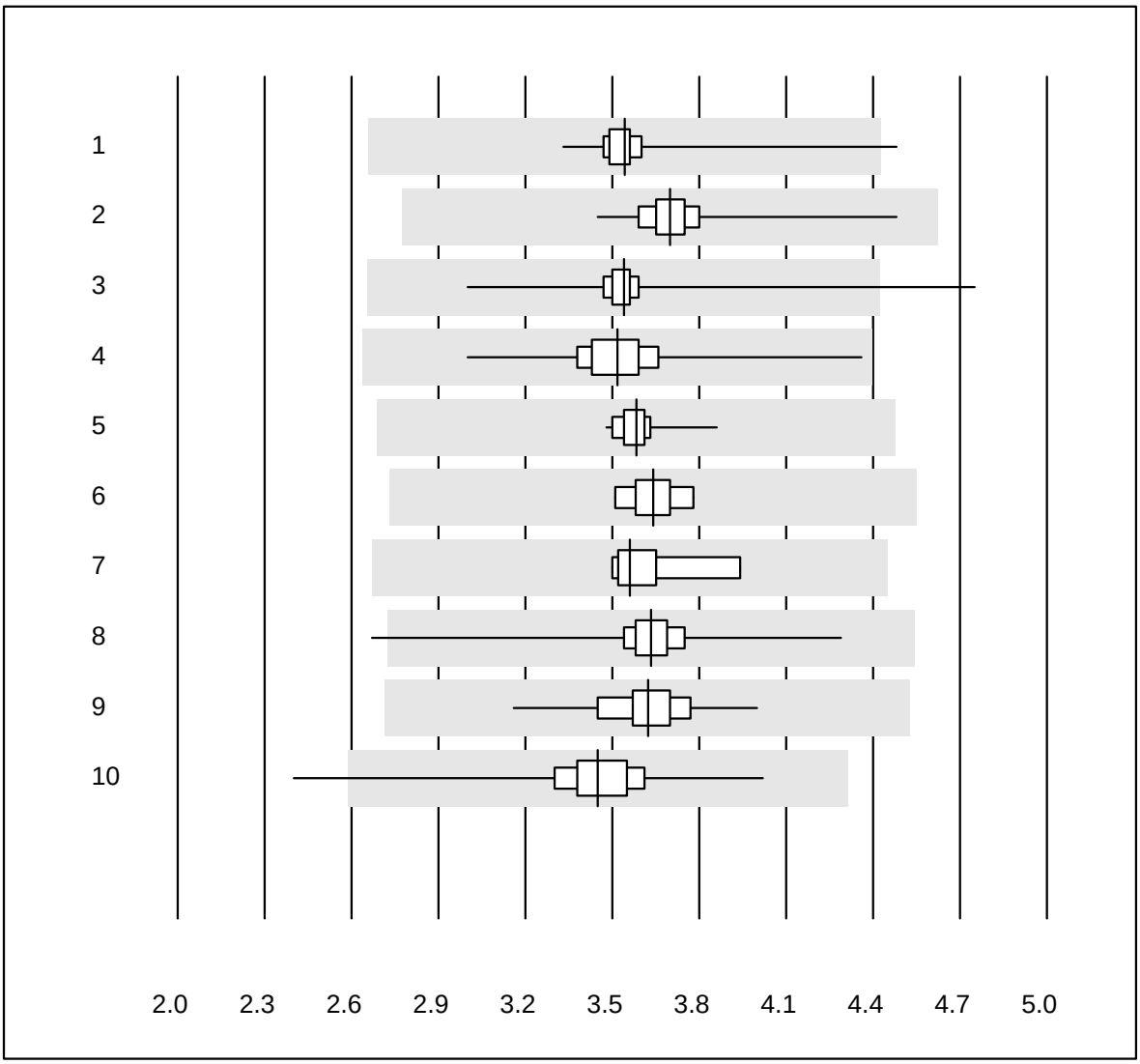


QUALAB Toleranz : 25 %

Erythrozyten (T/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automat	15	100.0	0.0	0.0	3.58	2.8	e
2	Sysmex X	45	97.8	0.0	2.2	3.57	1.5	e
3	Advia 120	4	100.0	0.0	0.0	3.63	0.4	e
4	Sysmex	9	100.0	0.0	0.0	3.54	2.1	e

Erythrozyten

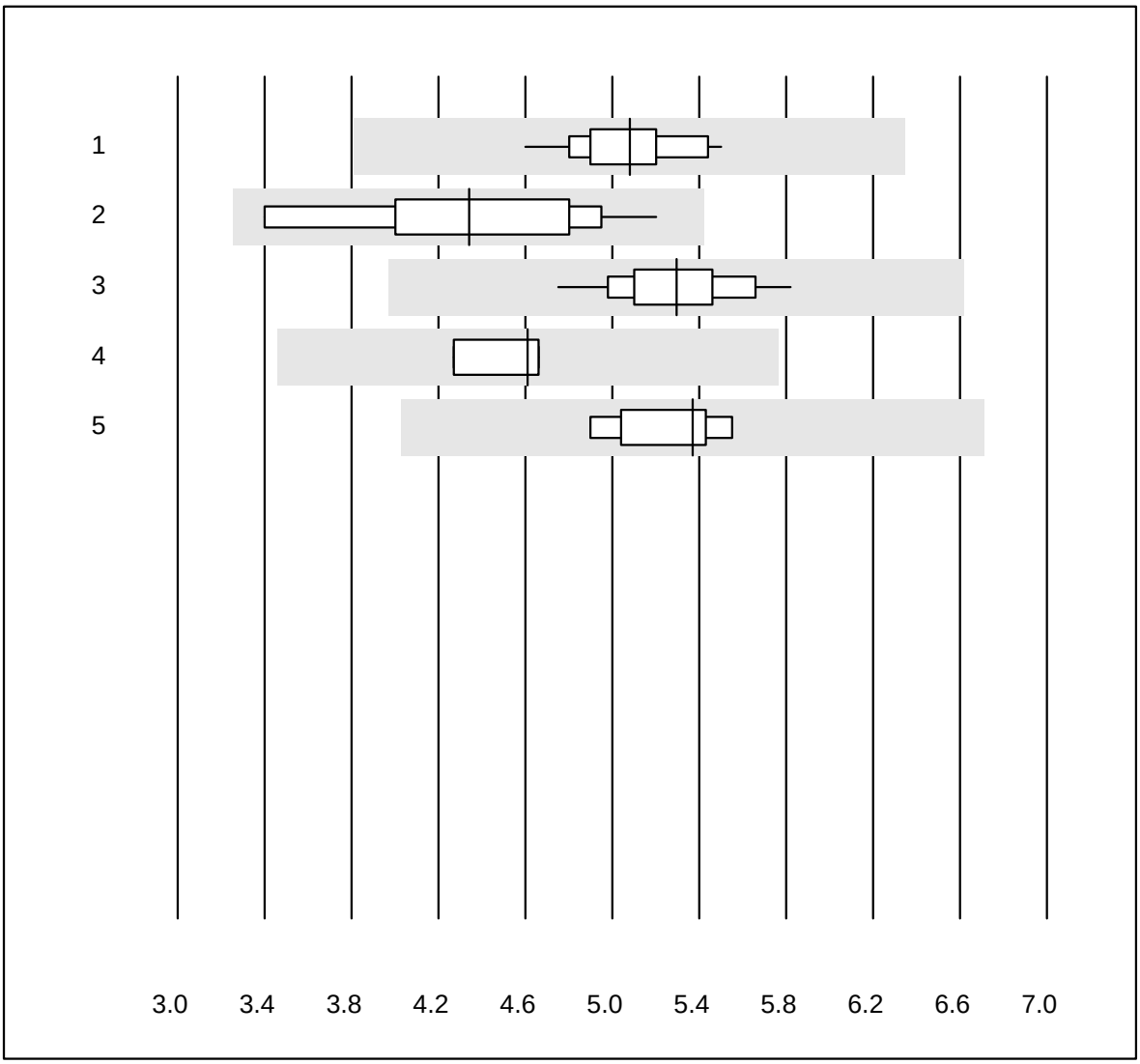


QUALAB Toleranz : 25 %

Erythrozyten (T/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	194	99.0	1.0	0.0	3.54	3.4	e
2	Sysmex PocH - 100i	200	100.0	0.0	0.0	3.70	2.7	e
3	Sysmex XP 300	617	98.3	0.6	1.1	3.54	3.6	e
4	Mythic	266	98.9	0.0	1.1	3.52	3.9	e
5	Swelab	31	100.0	0.0	0.0	3.58	2.1	e
6	Abacus Junior	5	100.0	0.0	0.0	3.64	2.9	e
7	Medonic	6	100.0	0.0	0.0	3.56	4.6	e
8	Celltac Alpha (Nihon	85	96.4	1.2	2.4	3.63	4.4	e
9	Samsung HC10	23	100.0	0.0	0.0	3.62	4.4	e
10	Micros 60	99	98.0	1.0	1.0	3.45	5.4	e

Leukozyten

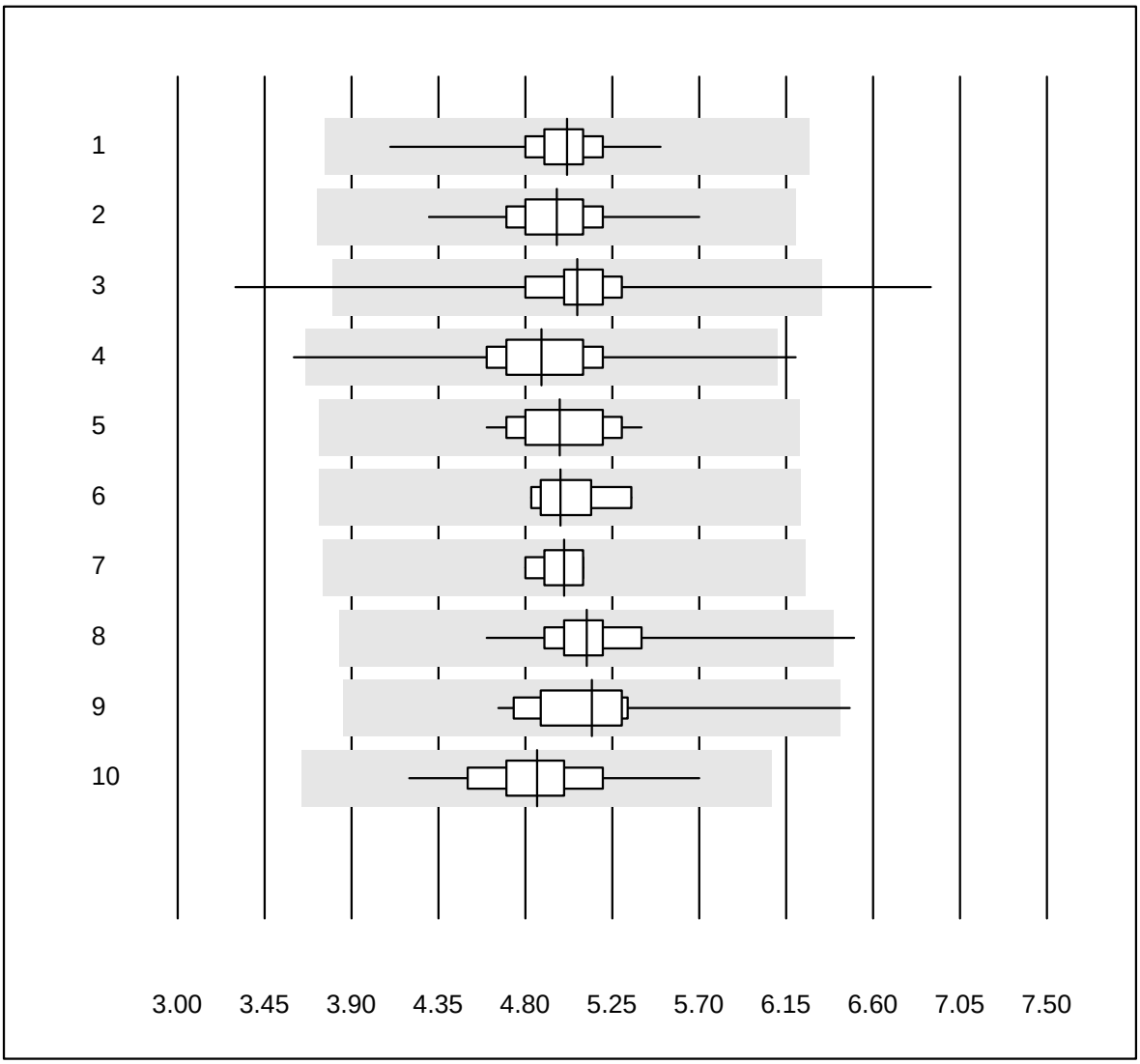


QUALAB Toleranz : 25 %

Leukozyten (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automat	14	100.0	0.0	0.0	5.08	4.7	e
2	Mikroskopisch	11	90.9	0.0	9.1	4.34	12.5	e*
3	Sysmex X	45	100.0	0.0	0.0	5.30	4.9	e
4	Advia 120 (Perox)	4	75.0	0.0	25.0	4.61	4.5	e
5	Sysmex	9	100.0	0.0	0.0	5.37	4.4	e

Leukozyten

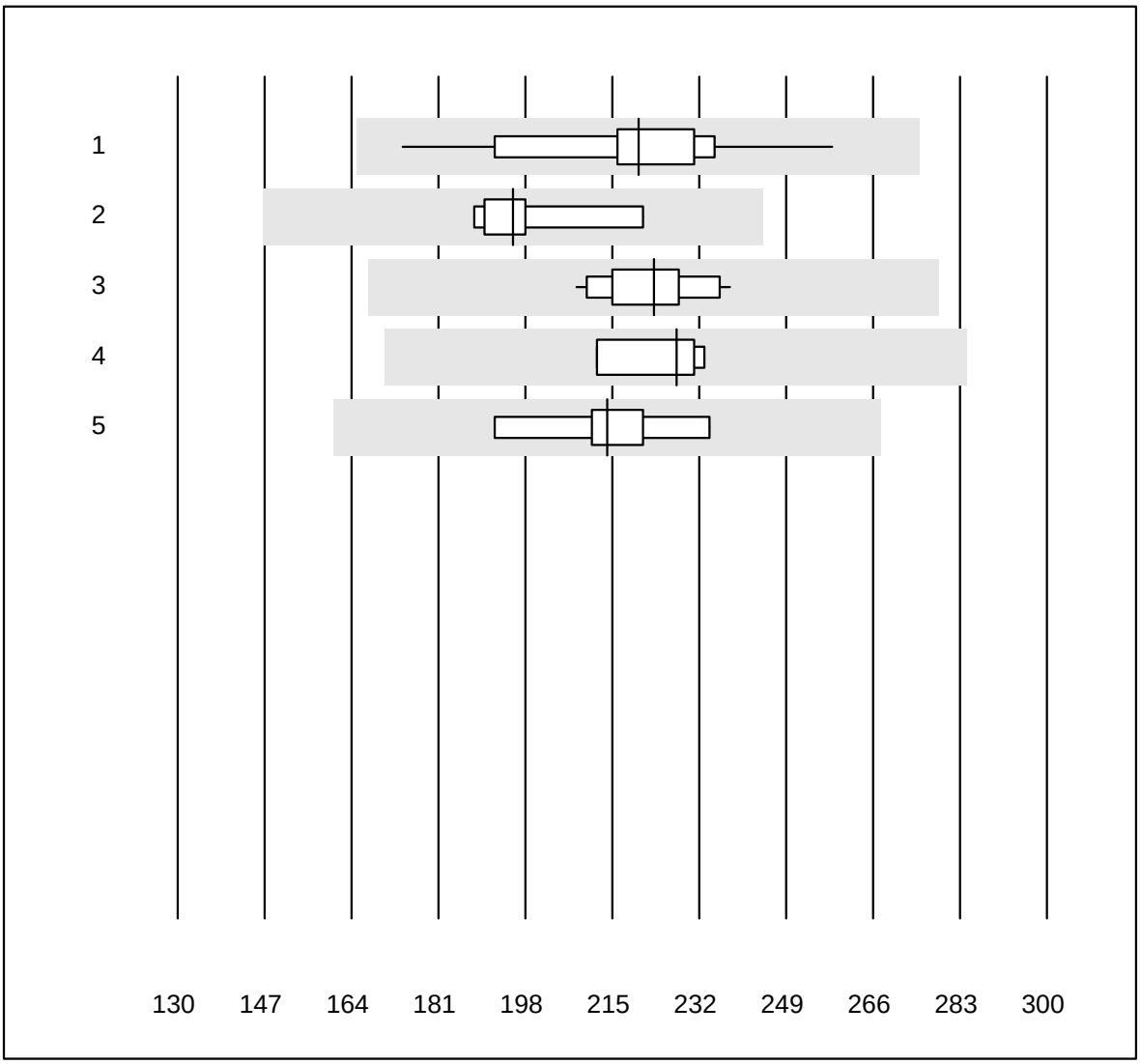


QUALAB Toleranz : 25 %

Leukozyten (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	193	100.0	0.0	0.0	5.02	3.9	e
2	Sysmex PocH - 100i	199	100.0	0.0	0.0	4.96	4.1	e
3	Sysmex XP 300	617	99.0	0.5	0.5	5.07	4.5	e
4	Mythic	264	98.4	0.8	0.8	4.88	5.8	e
5	Swelab	32	100.0	0.0	0.0	4.98	4.9	e
6	Abacus Junior	5	100.0	0.0	0.0	4.98	4.2	e
7	Medonic	6	100.0	0.0	0.0	5.00	2.3	e
8	Celltac Alpha (Nihon	85	98.8	1.2	0.0	5.12	5.2	e
9	Samsung HC10	23	95.7	4.3	0.0	5.14	7.1	e
10	Micros 60	99	100.0	0.0	0.0	4.86	5.5	e

Thrombozyten

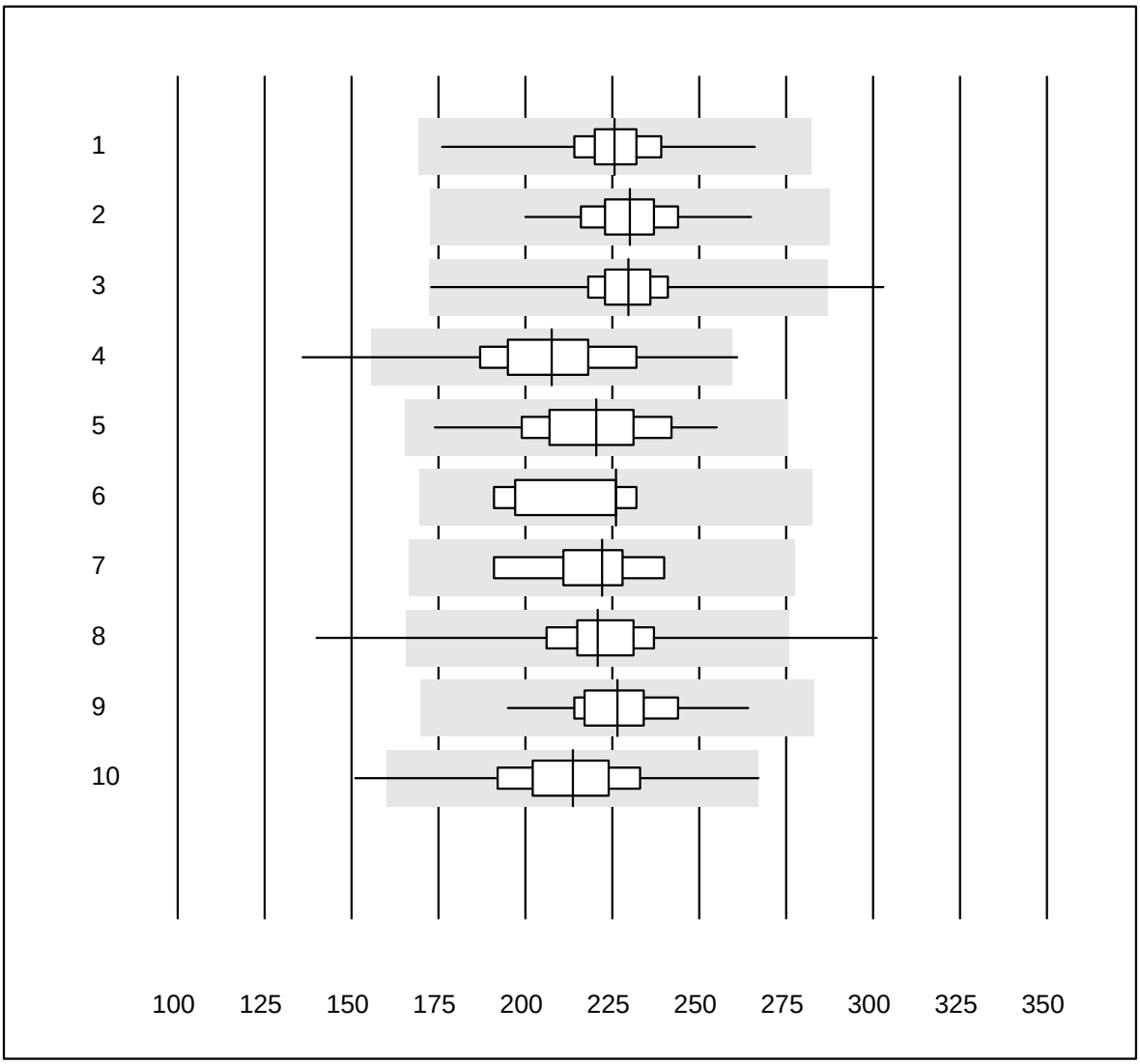


QUALAB Toleranz : 25 %

Thrombozyten (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automat	14	92.9	0.0	7.1	220.1	10.1	e
2	Mikroskopisch	6	100.0	0.0	0.0	195.5	6.0	e
3	Sysmex X	45	100.0	0.0	0.0	223.1	3.8	e
4	Advia 120	4	100.0	0.0	0.0	227.5	4.2	e
5	Sysmex	9	100.0	0.0	0.0	214.0	5.9	e

Thrombozyten

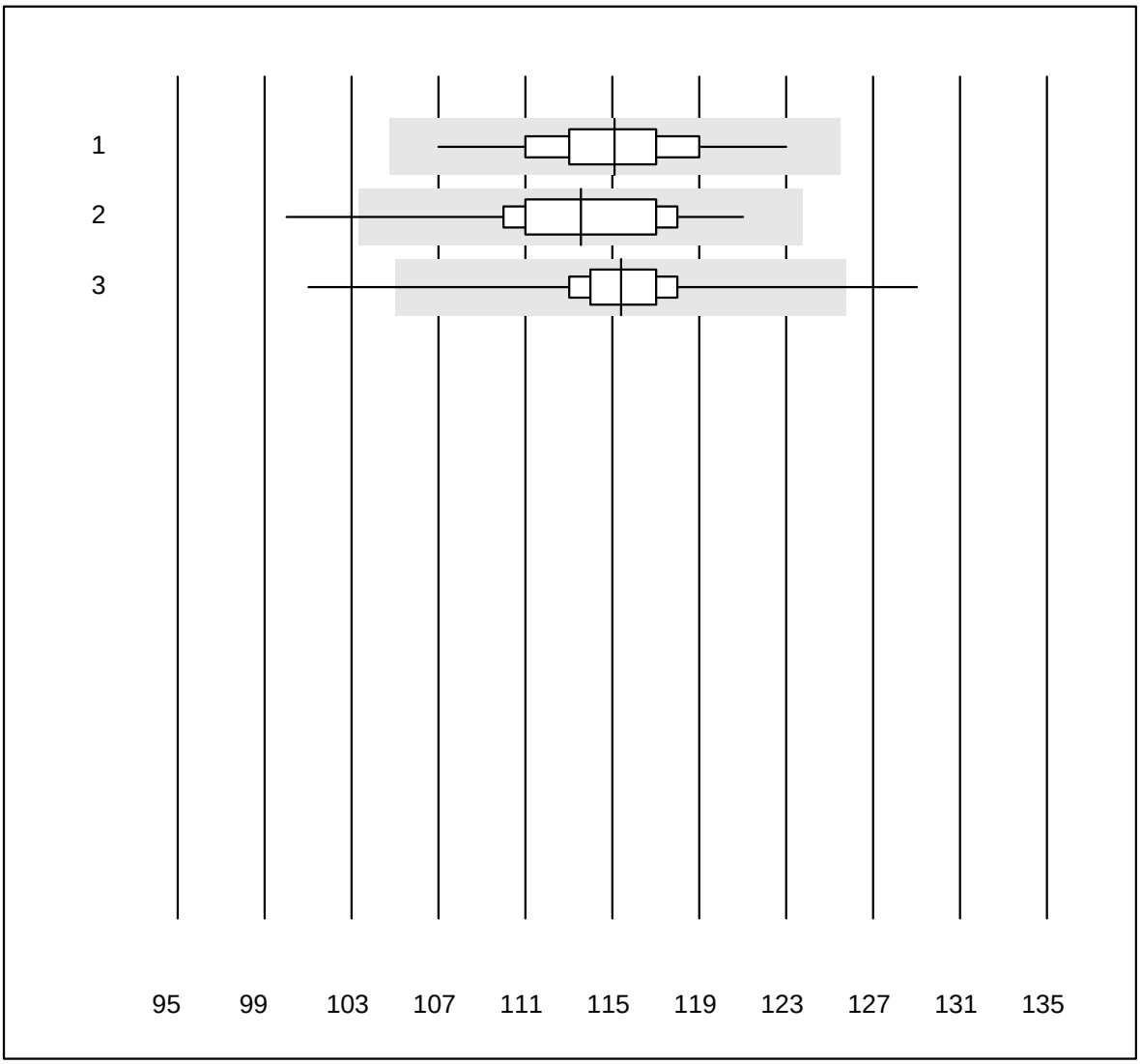


QUALAB Toleranz : 25 %

Thrombozyten (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	193	98.4	0.0	1.6	225.7	4.7	e
2	Sysmex PocH - 100i	199	99.5	0.0	0.5	229.9	4.7	e
3	Sysmex XP 300	617	99.3	0.2	0.5	229.6	4.7	e
4	Mythic	265	98.8	0.8	0.4	207.5	9.0	e
5	Swelab	32	100.0	0.0	0.0	220.4	7.8	e
6	Abacus Junior	5	100.0	0.0	0.0	226.0	8.8	e*
7	Medonic	6	100.0	0.0	0.0	222.0	7.7	e*
8	Celltac Alpha (Nihon	85	96.5	3.5	0.0	220.7	8.4	e
9	Samsung HC10	23	95.7	0.0	4.3	226.5	7.0	e
10	Micros 60	99	98.0	2.0	0.0	213.6	8.9	e

Hämoglobin H2

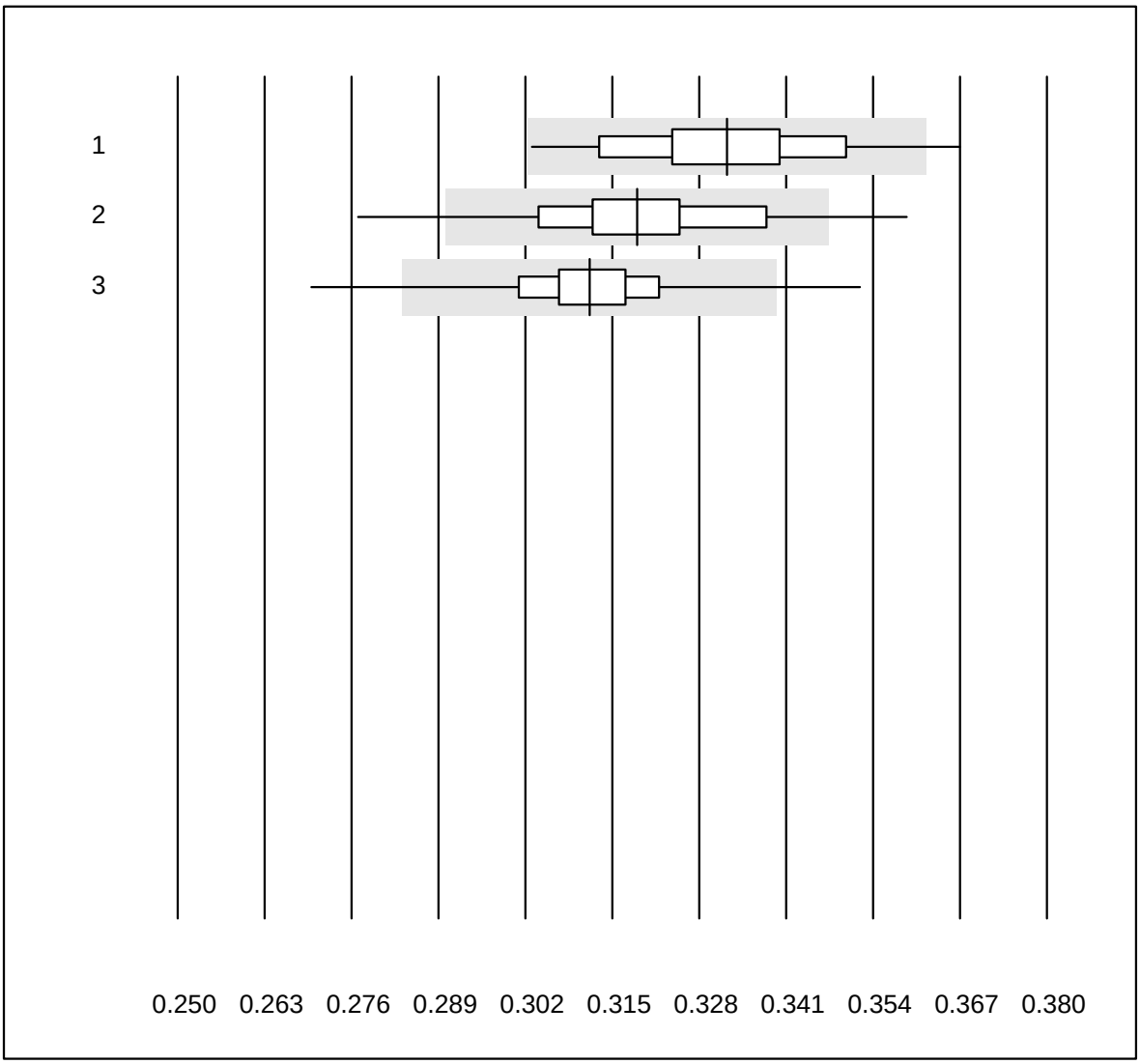


QUALAB Toleranz : 9 %

Hämoglobin H2 (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Z3	133	96.2	0.0	3.8	115.1	2.7	e
2	Abx Micros	80	96.2	2.5	1.3	113.5	3.5	e
3	Microsemi	846	93.0	1.4	5.6	115.4	2.4	e

Hämatokrit H2

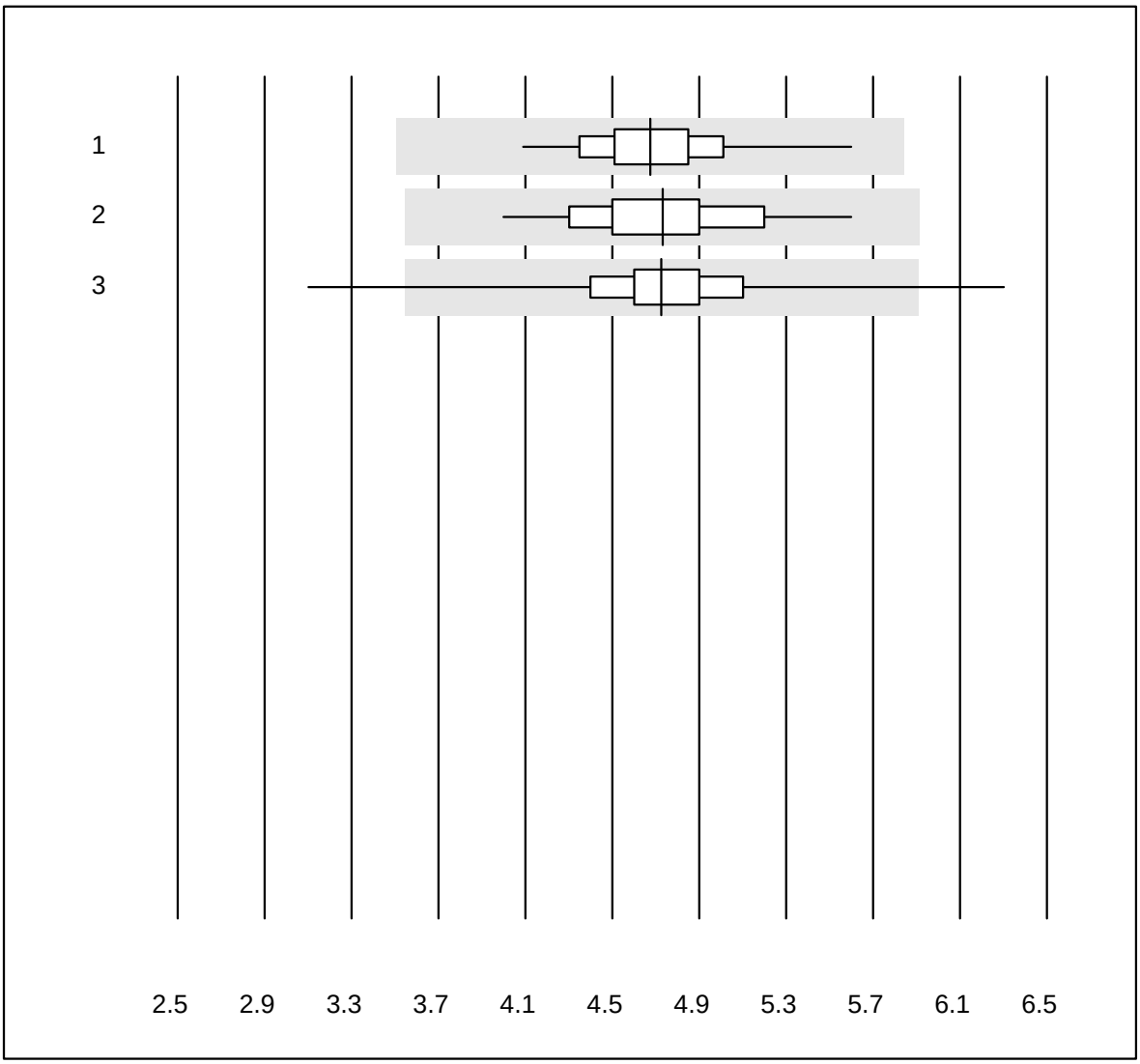


QUALAB Toleranz : 9 %

Hämatokrit H2 (l/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Z3	133	95.5	1.5	3.0	0.33	4.0	e
2	Abx Micros	80	93.7	3.8	2.5	0.32	4.2	e
3	Microsemi	846	92.2	1.9	5.9	0.31	3.0	e

Leukozyten H2

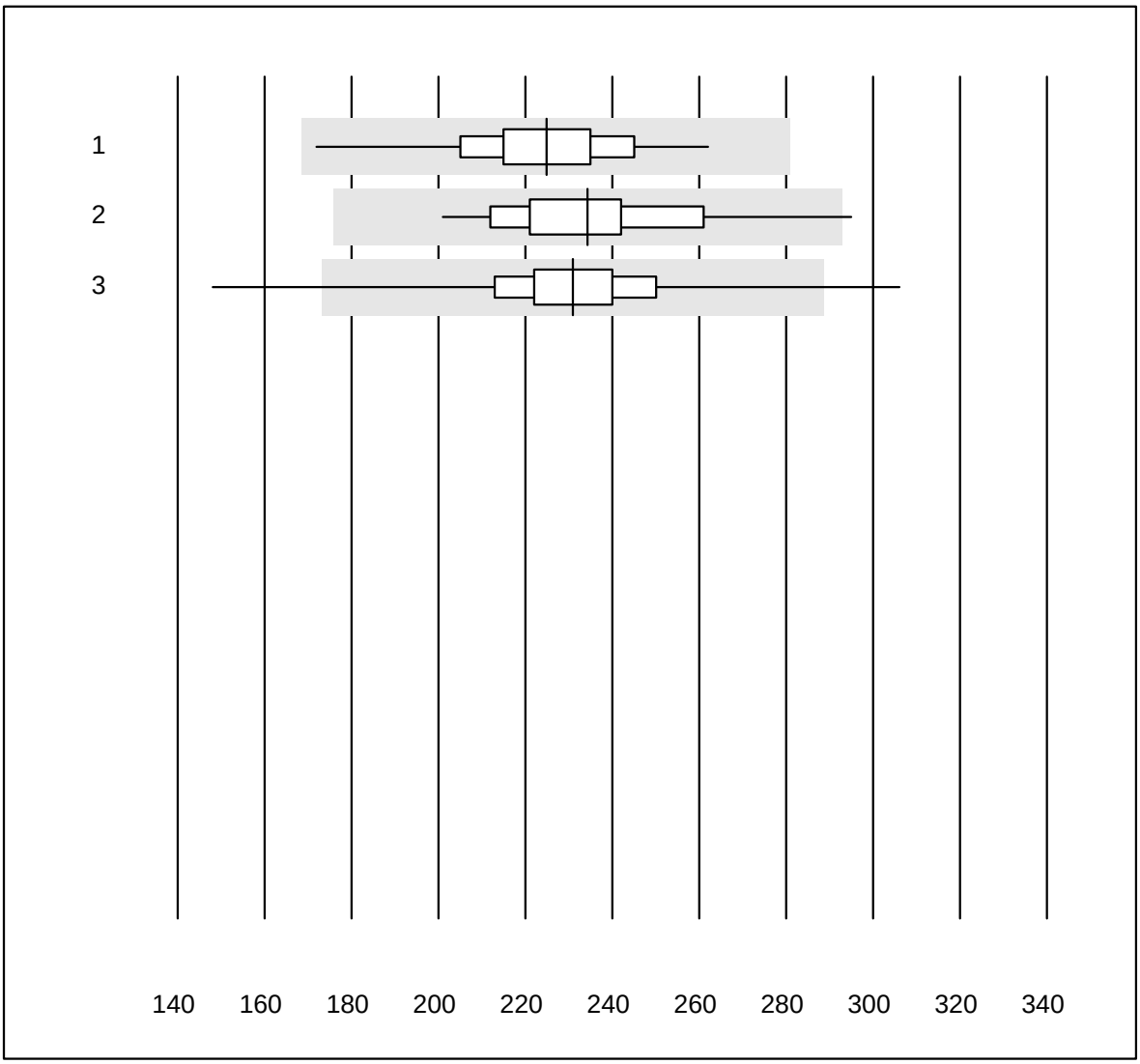


QUALAB Toleranz : 25 %

Leukozyten H2 (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Z3	133	98.5	0.0	1.5	4.67	5.8	e
2	Abx Micros	80	96.2	0.0	3.8	4.73	7.0	e
3	Microsemi	846	98.2	0.6	1.2	4.73	6.7	e

Thrombozyten H2

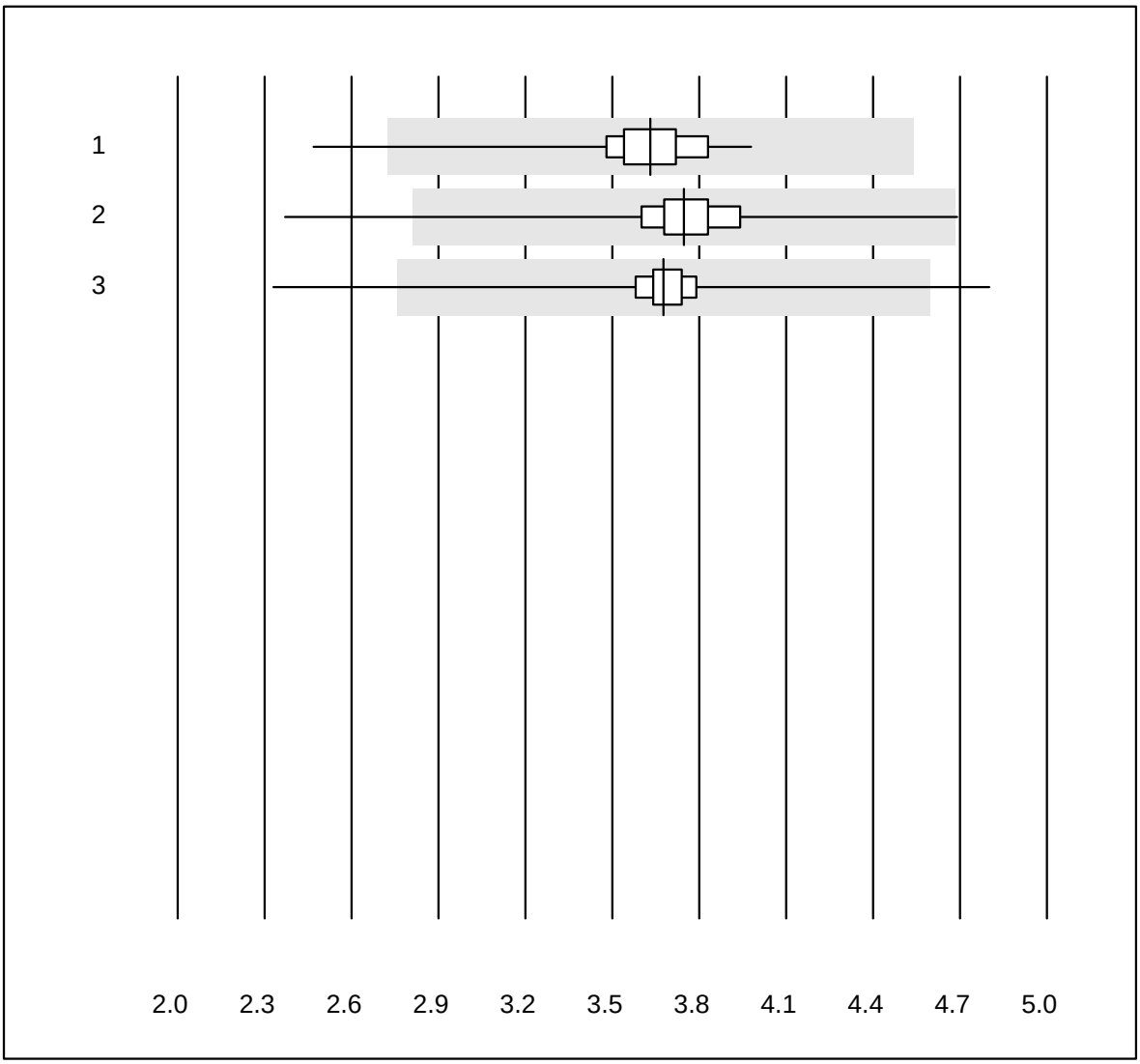


QUALAB Toleranz : 25 %

Thrombozyten H2 (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Z3	133	97.7	0.0	2.3	224.8	7.3	e
2	Abx Micros	80	91.2	1.3	7.5	234.3	8.4	e
3	Microsemi	846	95.9	2.0	2.1	230.9	7.5	e

Erythrozyten H2

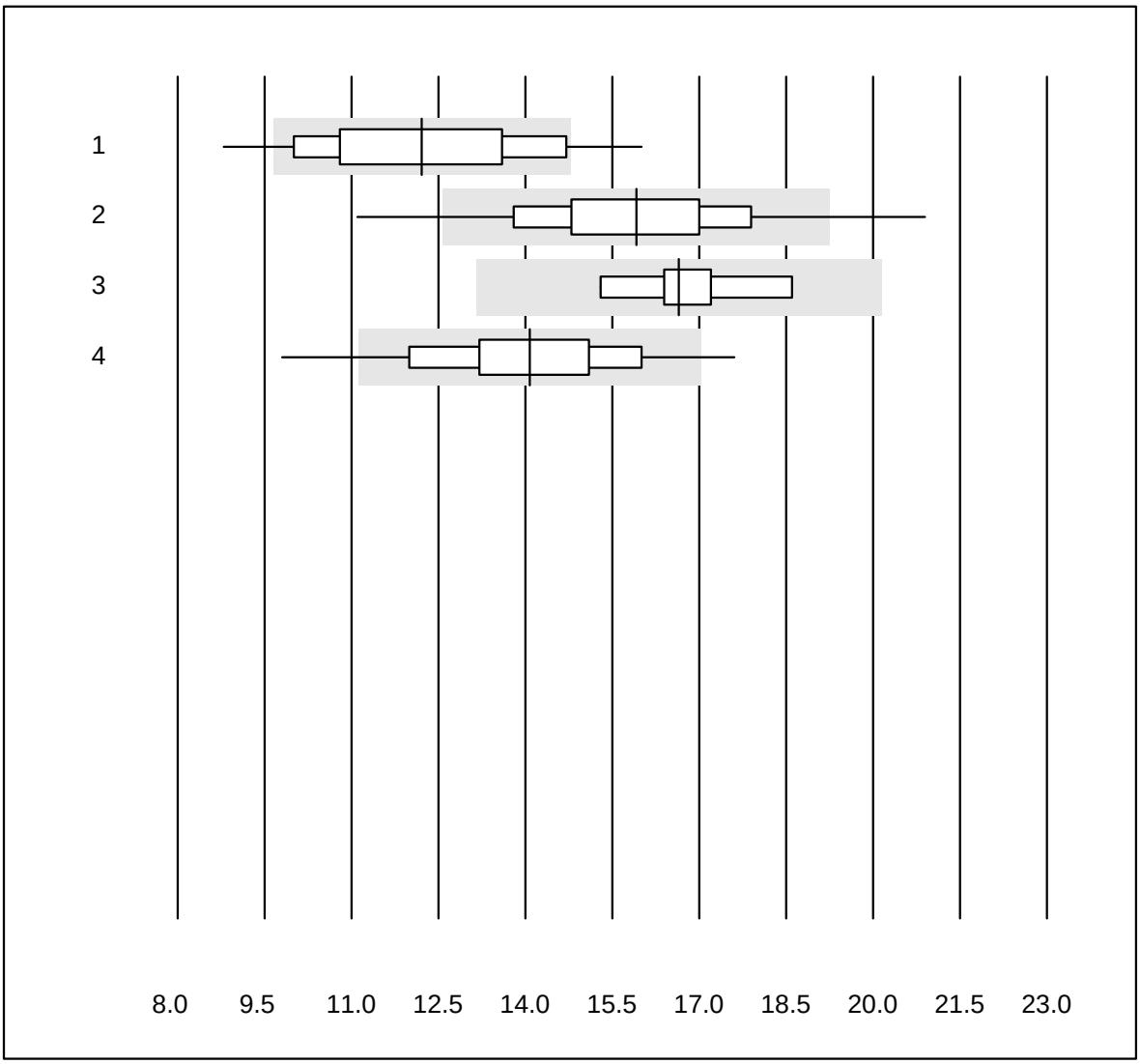


QUALAB Toleranz : 25 %

Erythrozyten H2 (T/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Z3	133	96.9	0.8	2.3	3.63	4.5	e
2	Abx Micros	80	97.5	2.5	0.0	3.75	6.3	e
3	Microsemi	845	95.5	1.5	3.0	3.68	5.3	e

CRP H2

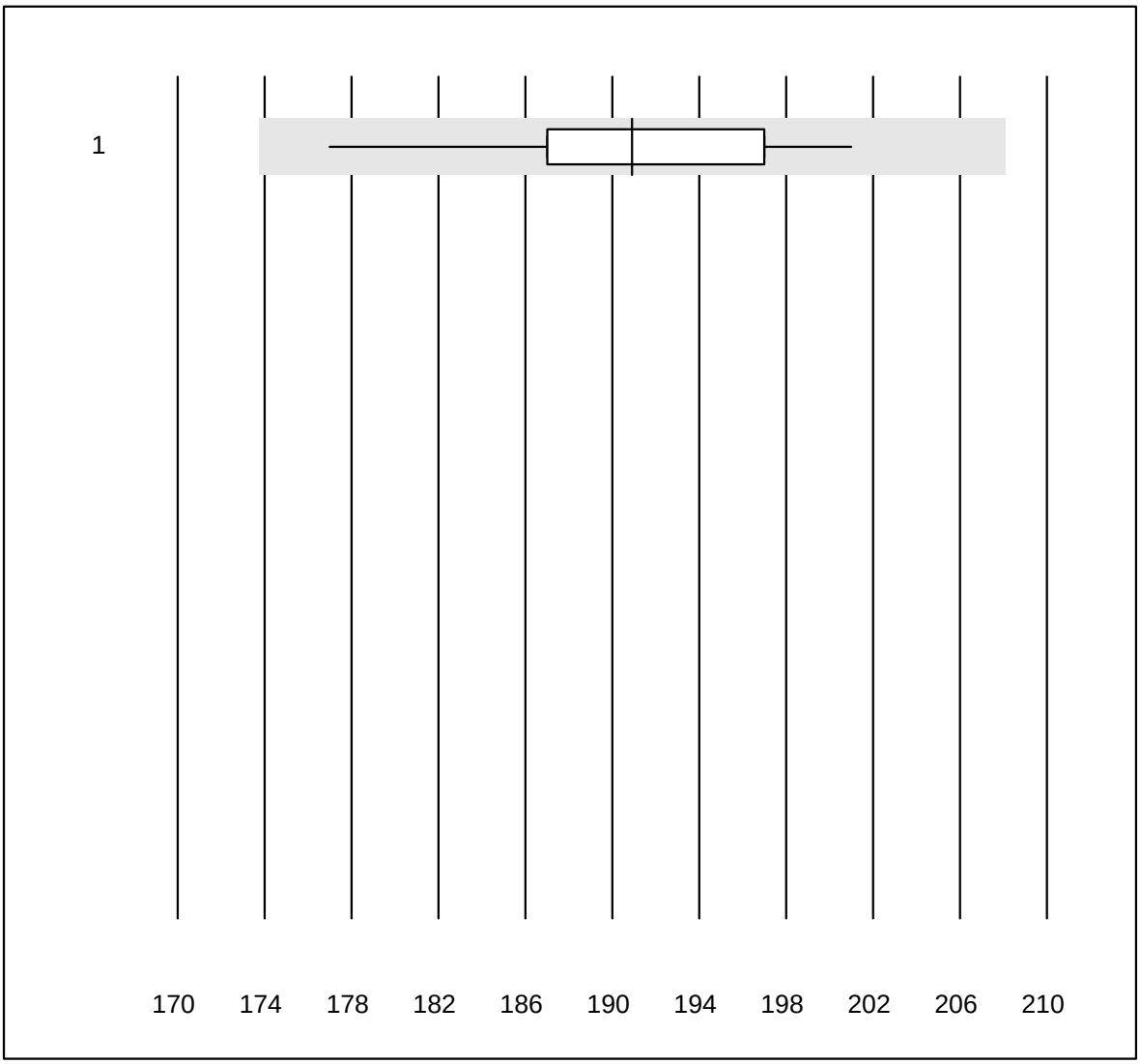


QUALAB Toleranz : 21 %

CRP H2 (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Z3	121	85.1	13.2	1.7	12.2	14.4	e
2	Microsemi	833	92.4	3.6	4.0	15.9	10.1	e
3	Abx Micros	8	100.0	0.0	0.0	16.7	5.6	e
4	ABX Micros CRP200	72	84.7	5.6	9.7	14.1	11.2	e

Hämoglobin BG

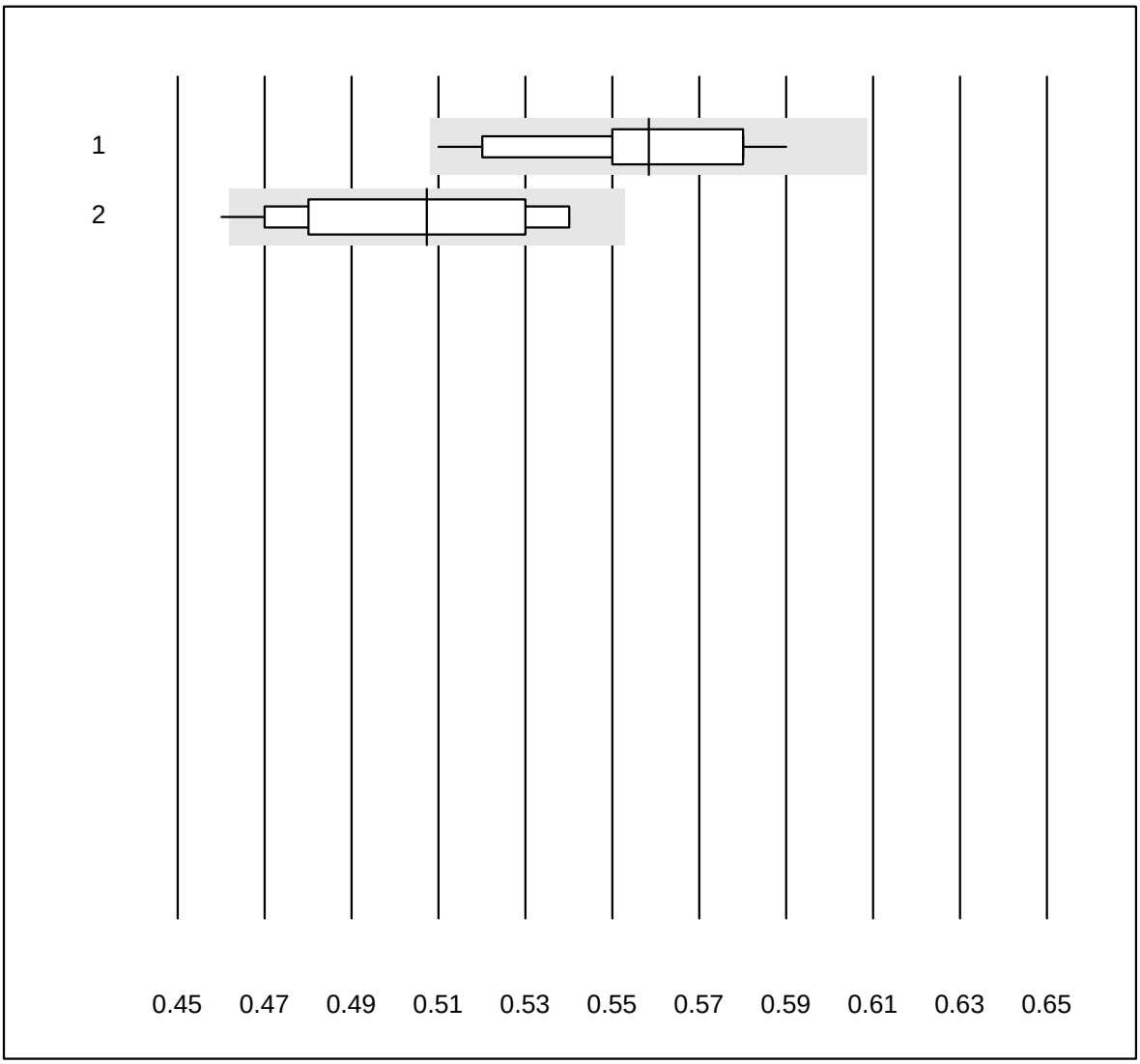


QUALAB Toleranz : 9 %

Hämoglobin BG (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat	12	100.0	0.0	0.0	190.9	3.5	e

Hämatokrit

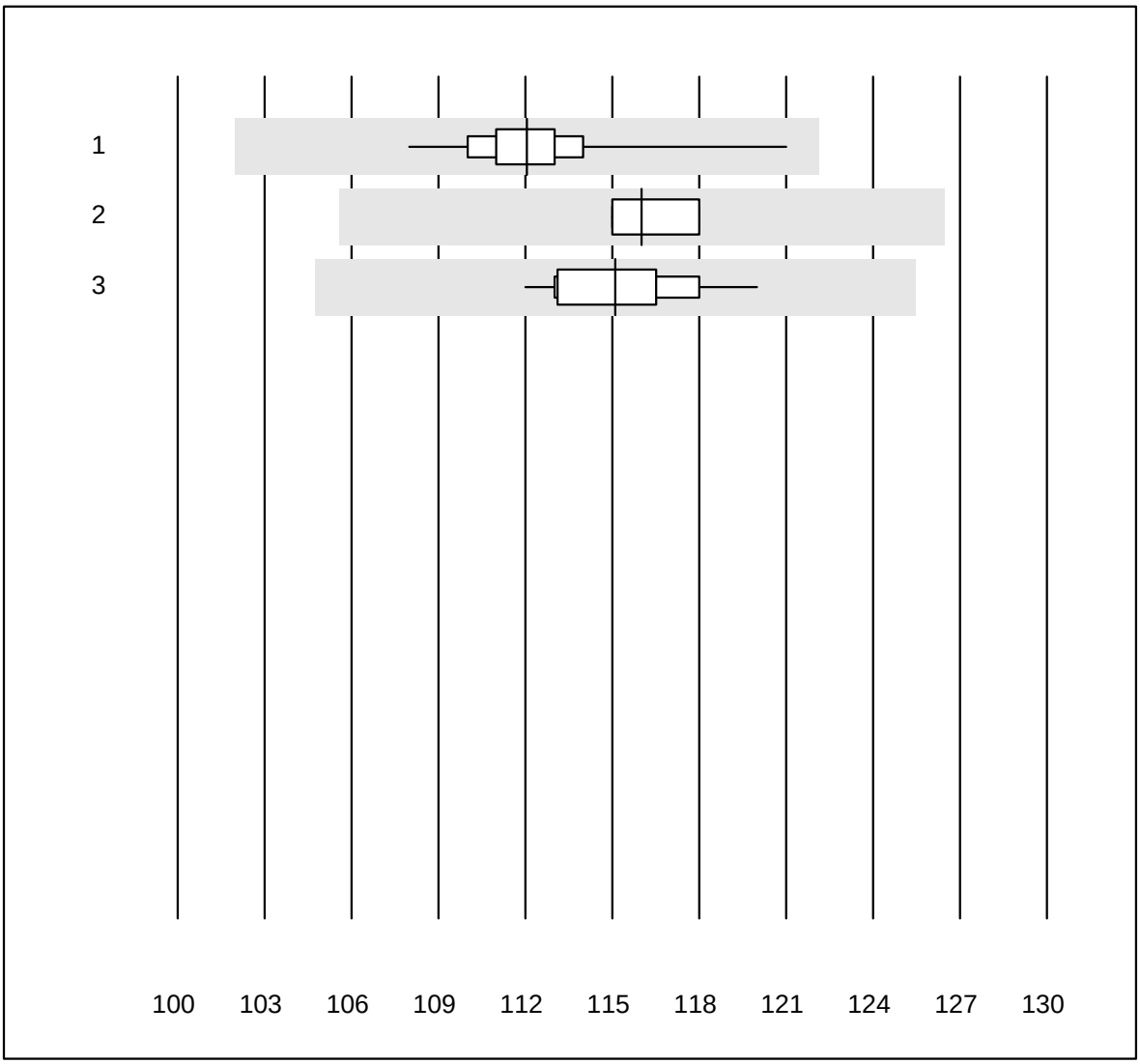


QUALAB Toleranz : 9 %

Hämatokrit (l/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat	19	100.0	0.0	0.0	0.56	3.6	e
2	EPOC	11	90.9	9.1	0.0	0.51	5.3	e*

Hämoglobin

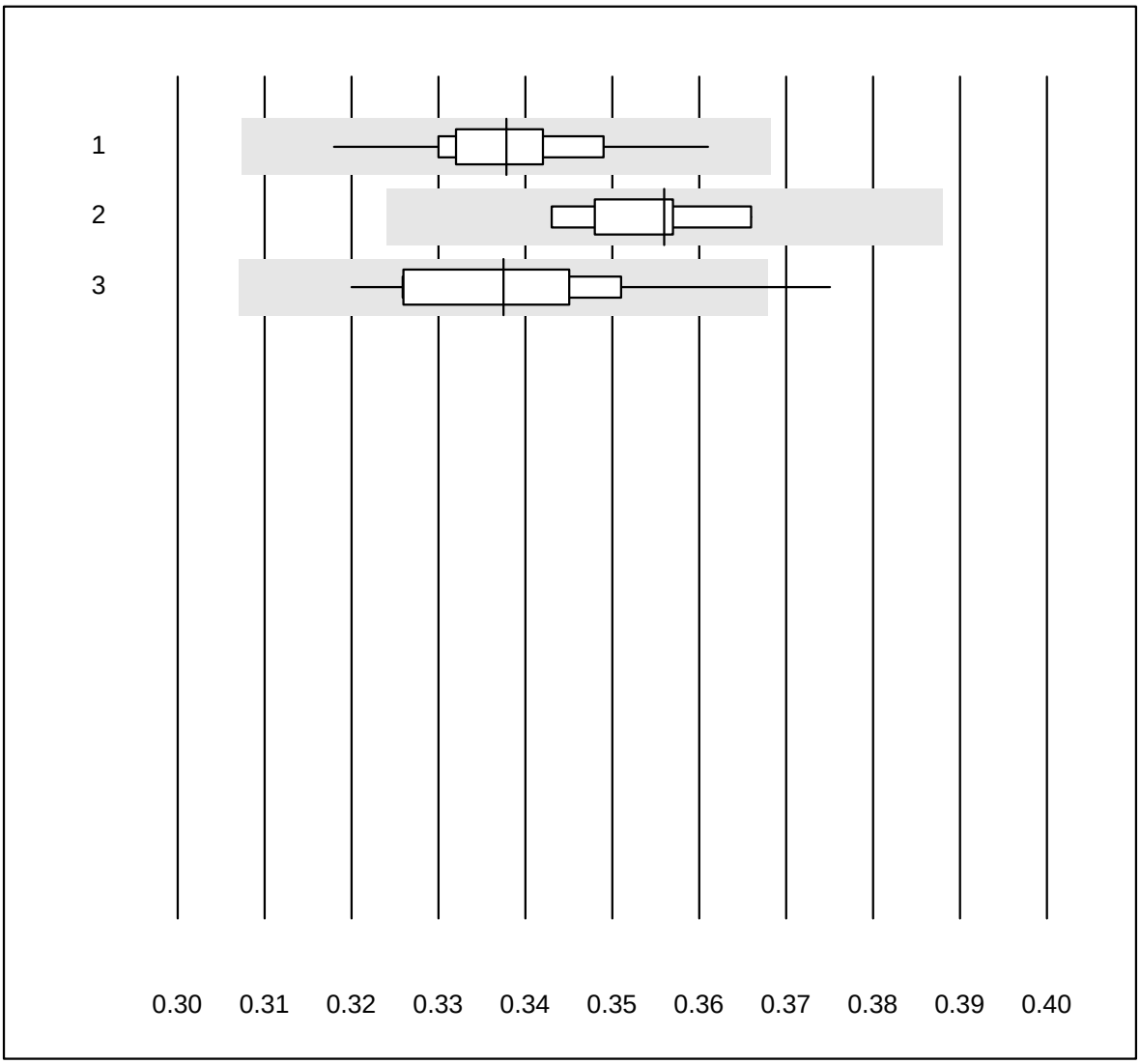


QUALAB Toleranz : 9 %

Hämoglobin (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	87	100.0	0.0	0.0	112.1	1.6	e
2	Advia	5	100.0	0.0	0.0	116.0	1.3	e
3	Yumizen/Pentra	15	100.0	0.0	0.0	115.1	1.9	e

Hämatokrit

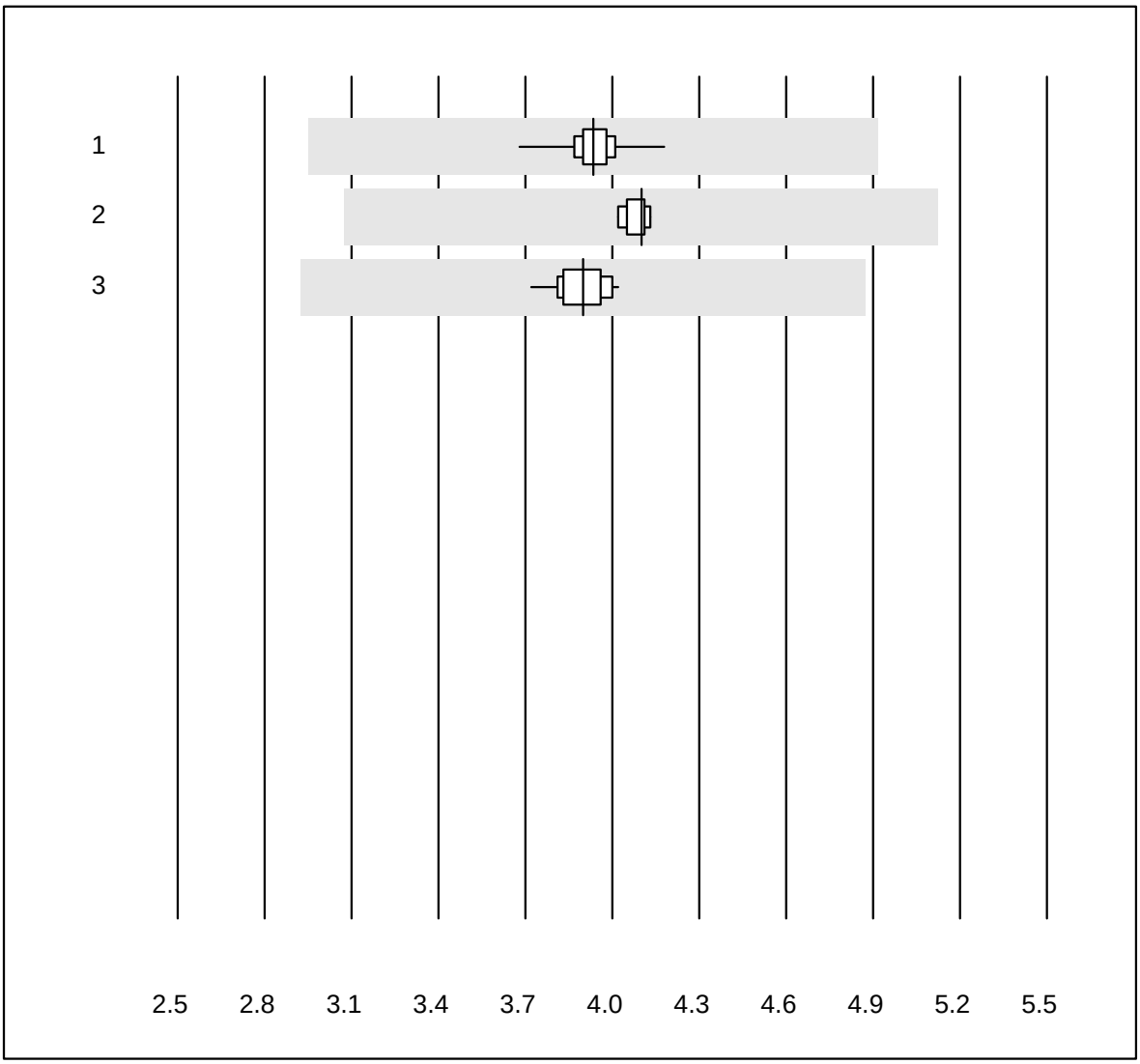


QUALAB Toleranz : 9 %

Hämatokrit (l/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	89	100.0	0.0	0.0	0.34	2.5	e
2	Advia	5	100.0	0.0	0.0	0.36	2.5	e*
3	Yumizen/Pentra	15	93.3	6.7	0.0	0.34	4.1	e

Erythrozyten

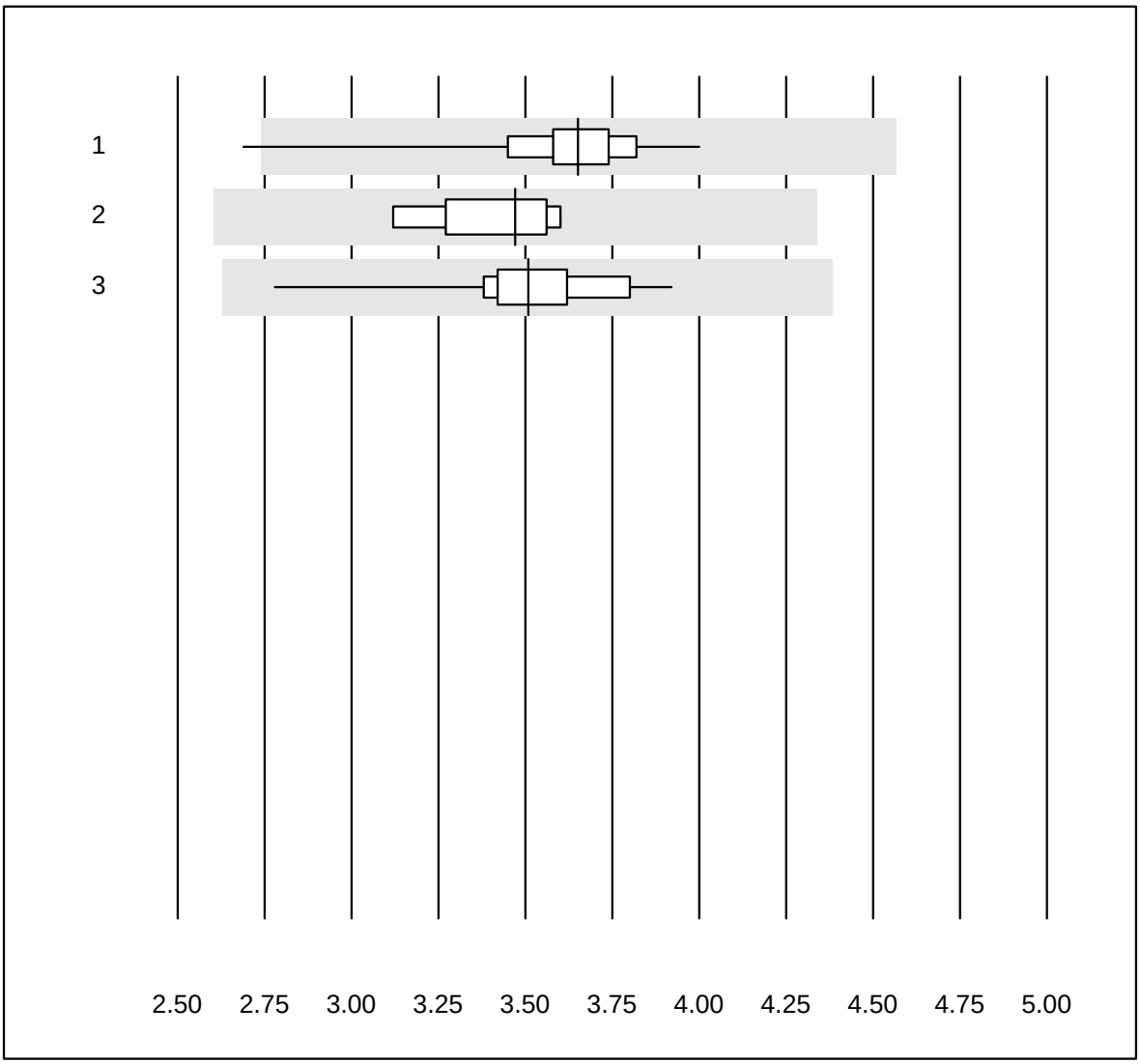


QUALAB Toleranz : 25 %

Erythrozyten (T/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	89	100.0	0.0	0.0	3.93	1.8	e
2	Advia	5	100.0	0.0	0.0	4.10	1.1	e
3	Yumizen/Pentra	15	93.3	0.0	6.7	3.90	2.2	e

Leukozyten

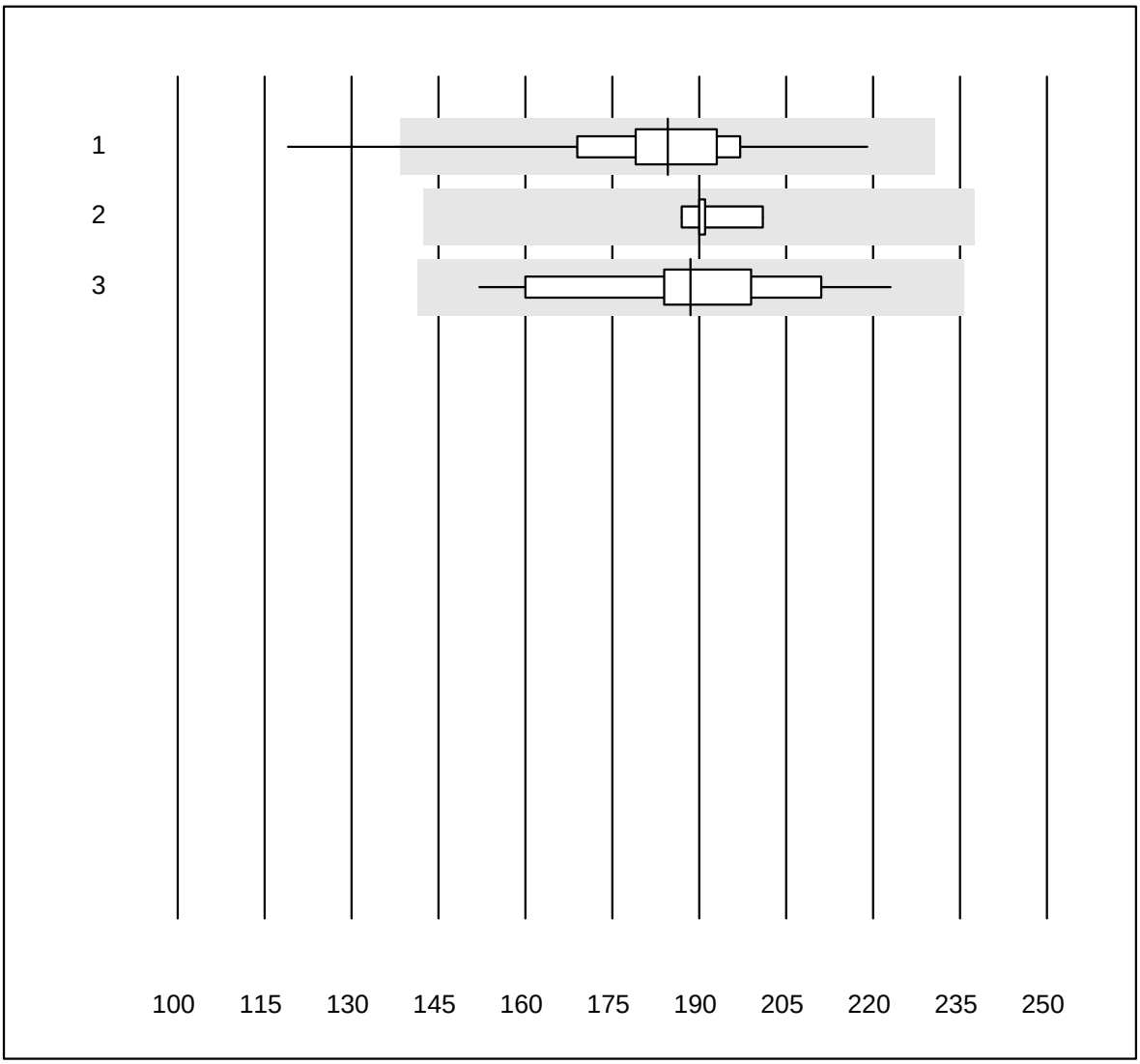


QUALAB Toleranz : 25 %

Leukozyten (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	88	98.9	1.1	0.0	3.65	4.8	e
2	Advia	5	100.0	0.0	0.0	3.47	6.0	e
3	Yumizen/Pentra	12	100.0	0.0	0.0	3.51	7.9	e

Thrombozyten

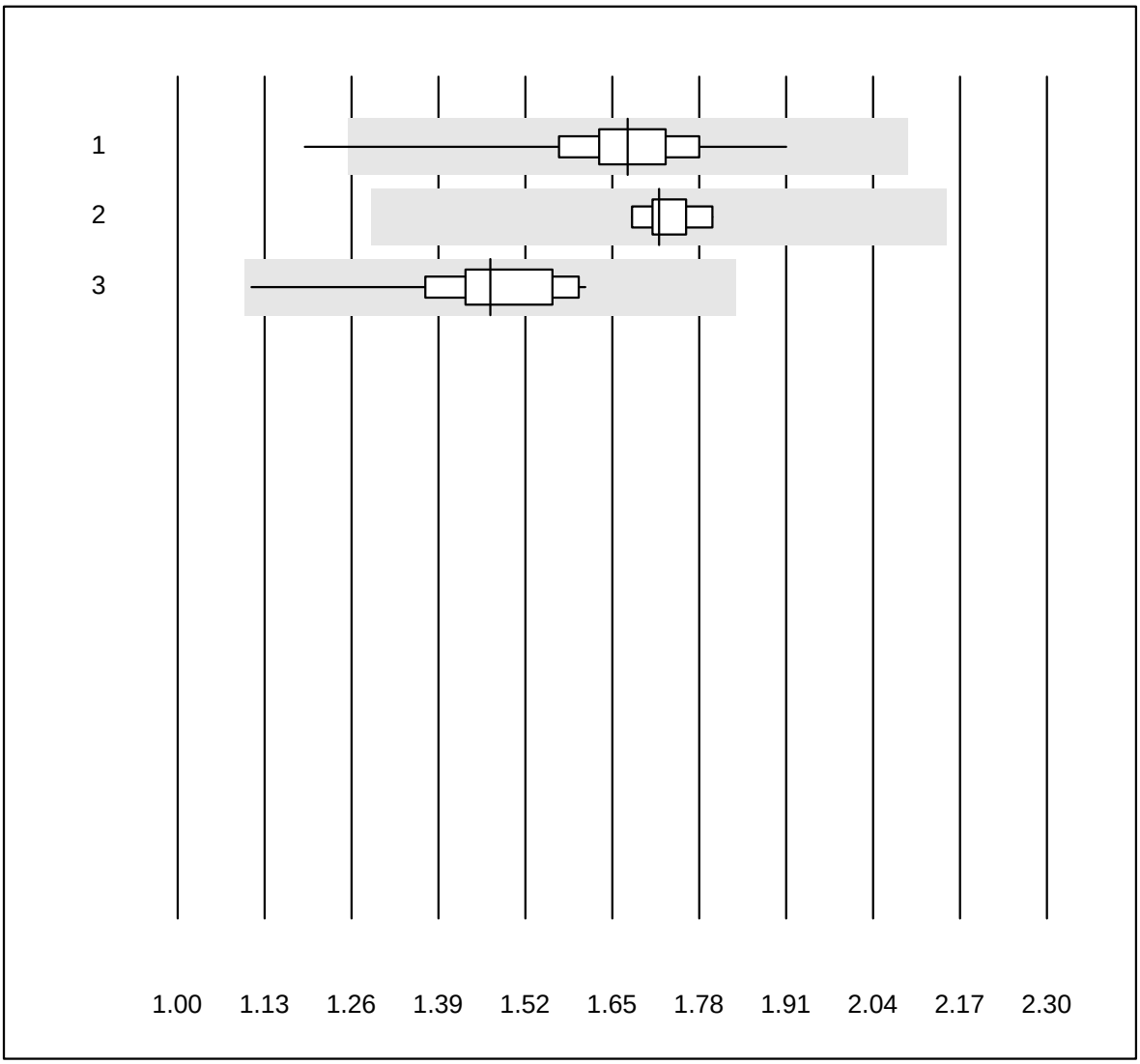


QUALAB Toleranz : 25 %

Thrombozyten (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	87	97.7	2.3	0.0	184.5	7.8	e
2	Advia	5	100.0	0.0	0.0	190.0	2.8	e
3	Yumizen/Pentra	15	100.0	0.0	0.0	188.5	9.6	e

Neutrophile

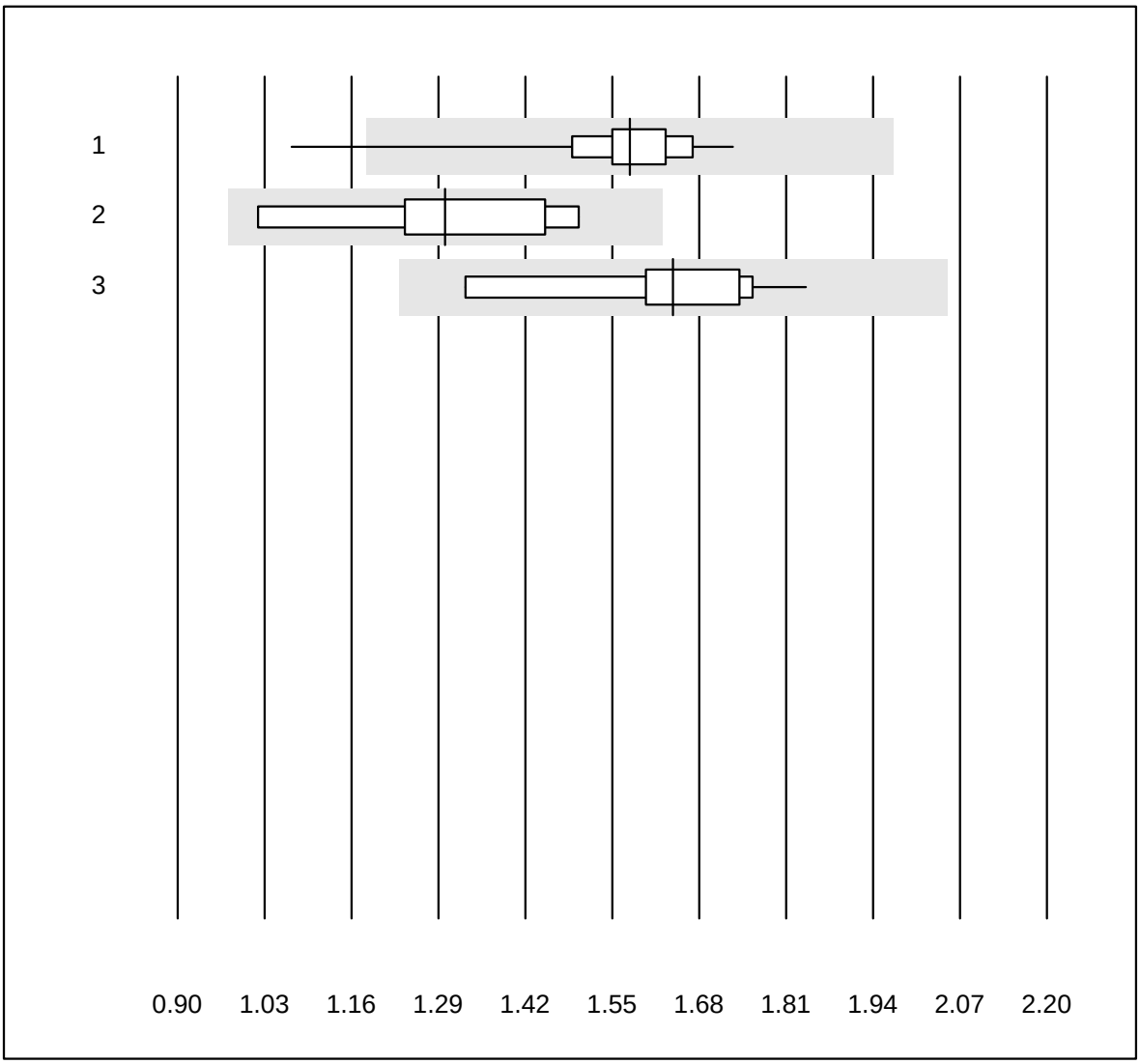


MQ Toleranz : 25 %

Neutrophile (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	89	97.8	1.1	1.1	1.67	5.7	e
2	Advia	5	100.0	0.0	0.0	1.72	2.7	e
3	Yumizen/Pentra	11	100.0	0.0	0.0	1.47	9.5	e

Lymphozyten

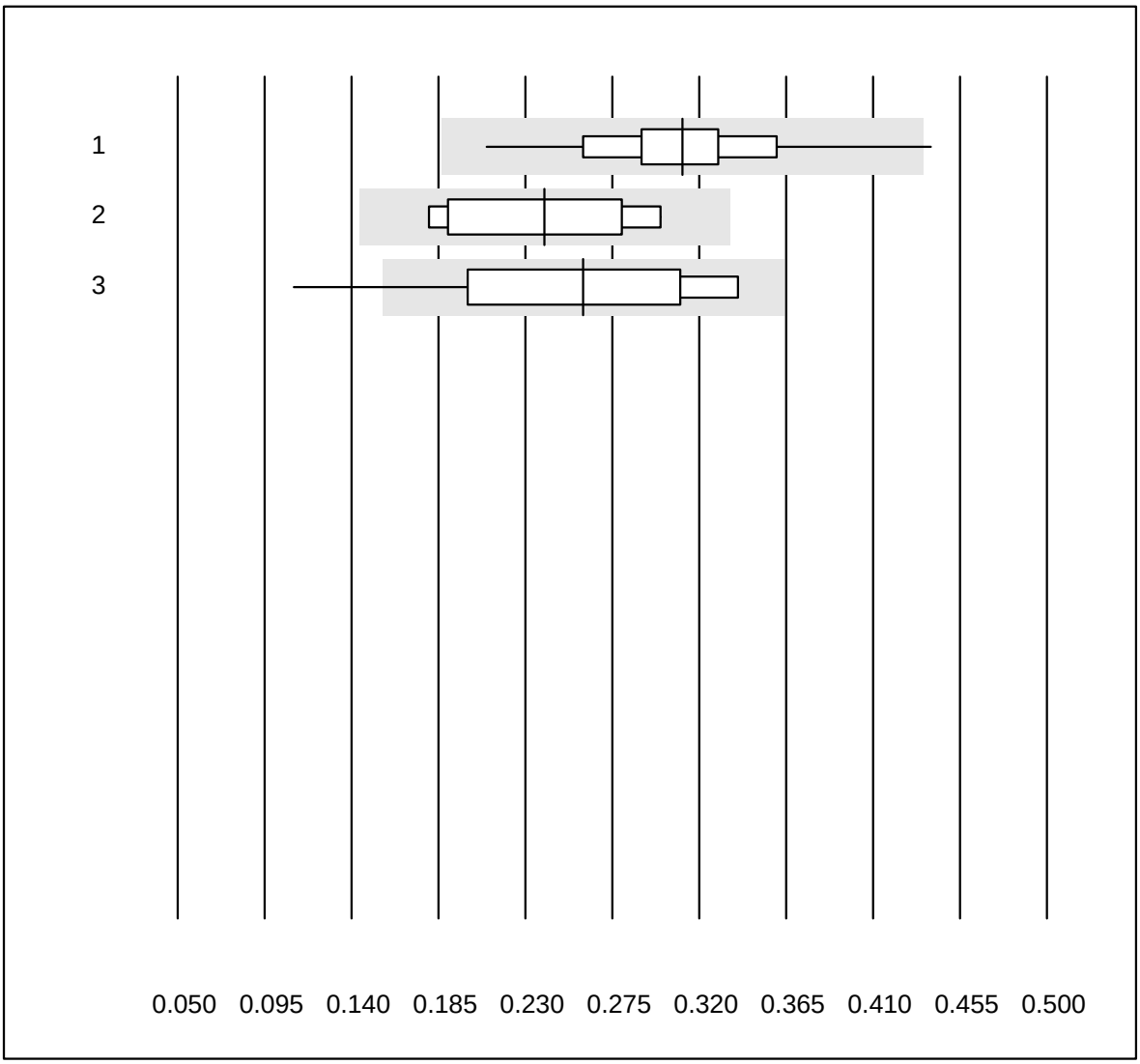


MQ Toleranz : 25 %

Lymphozyten (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	89	98.9	1.1	0.0	1.58	6.1	e
2	Advia	5	100.0	0.0	0.0	1.30	14.6	a
3	Yumizen/Pentra	11	90.9	0.0	9.1	1.64	8.5	e

Monozyten

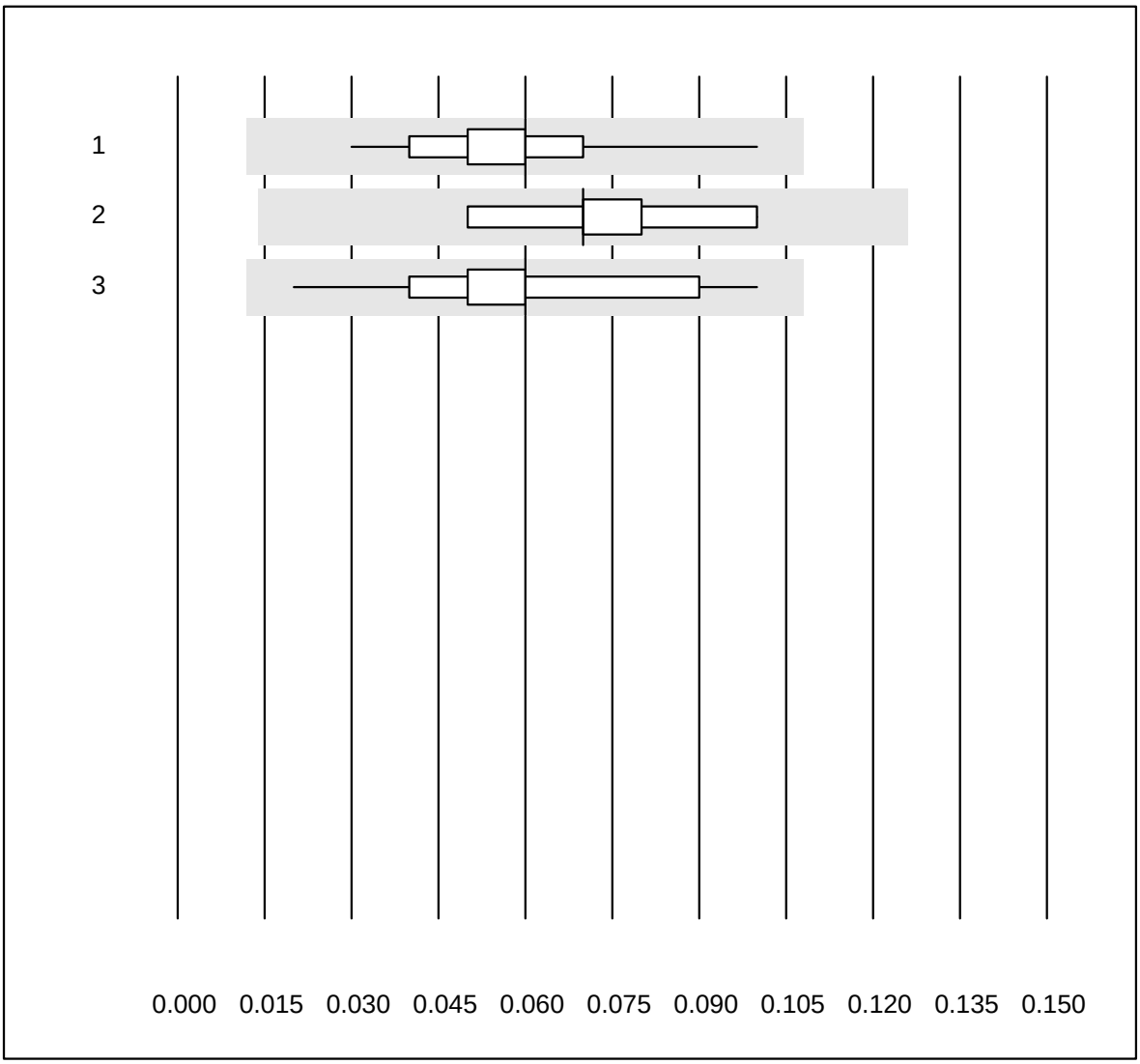


MQ Toleranz : 40 %

Monozyten (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	89	98.9	1.1	0.0	0.31	12.9	e
2	Advia	5	100.0	0.0	0.0	0.24	22.3	e*
3	Yumizen/Pentra	12	91.7	8.3	0.0	0.26	26.8	e*

Eosinophile

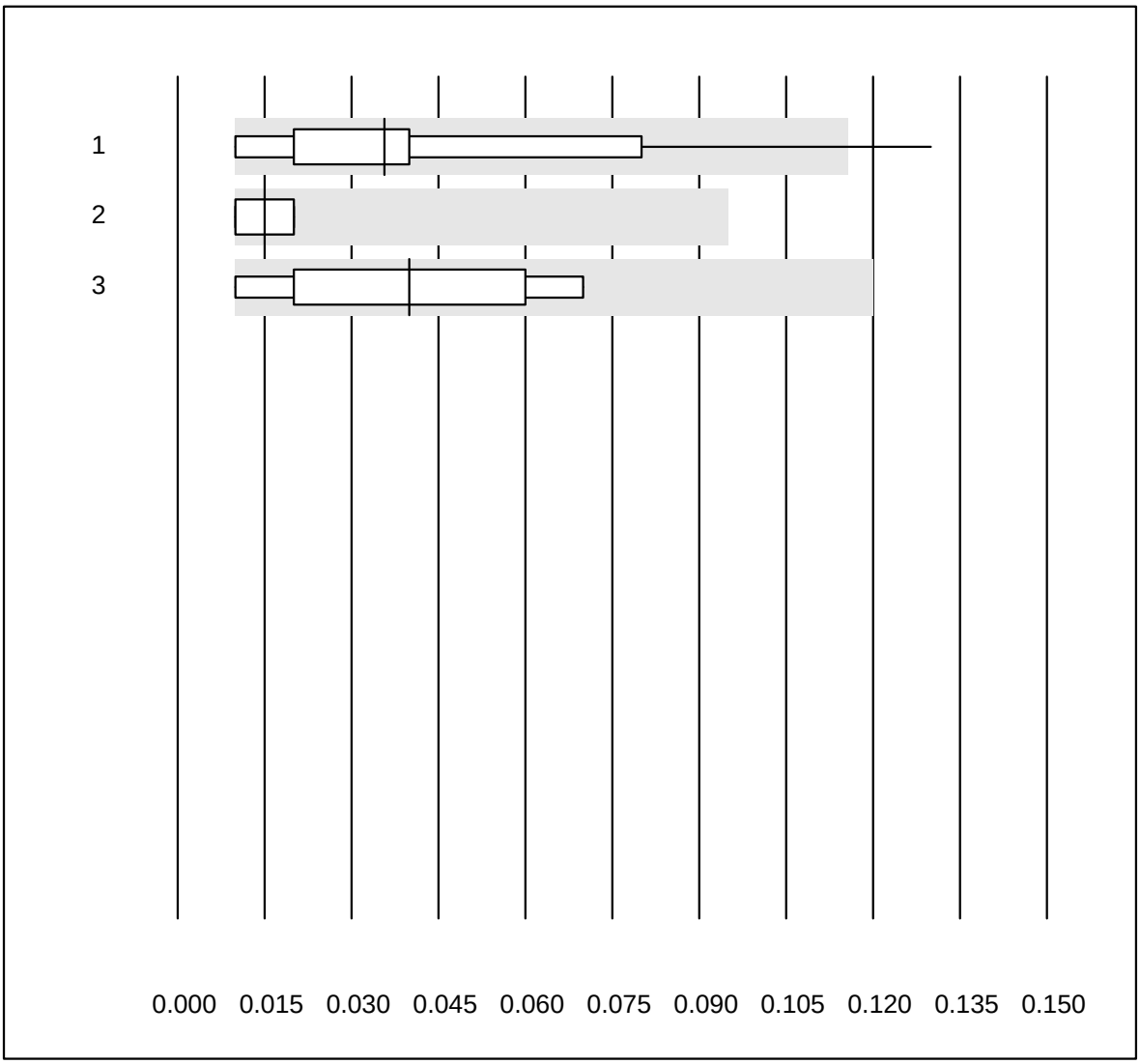


MQ Toleranz : 80 %

Eosinophile (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	88	98.9	0.0	1.1	0.06	27.9	a
2	Advia	5	100.0	0.0	0.0	0.07	24.5	e*
3	Yumizen/Pentra	12	100.0	0.0	0.0	0.06	37.8	a

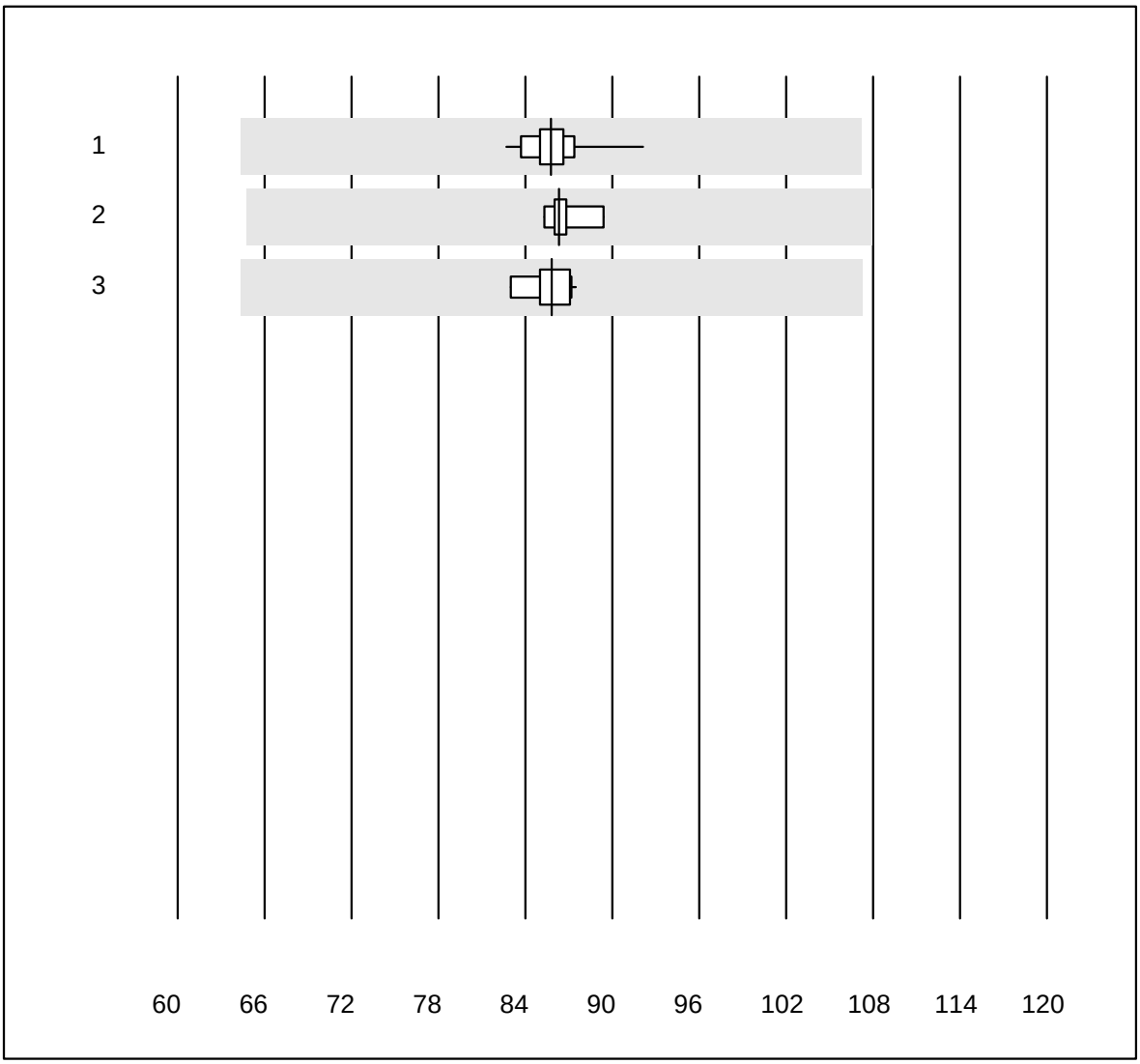
Basophile



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

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	90	95.6	2.2	2.2	0.04	77.4	e
2	Advia	4	100.0	0.0	0.0	0.02	38.5	e*
3	Yumizen/Pentra	12	100.0	0.0	0.0	0.04	56.4	e*

MCV

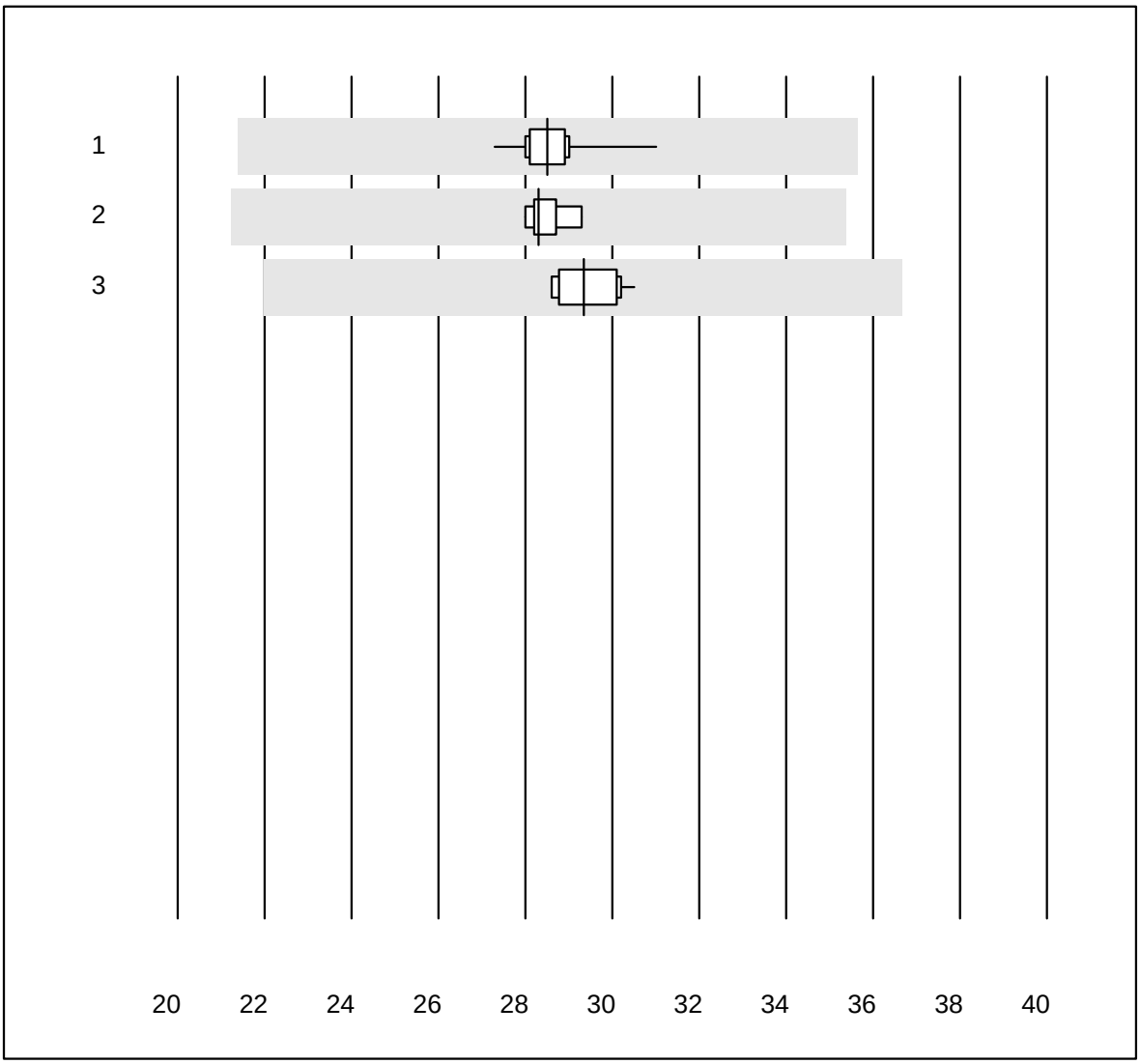


MQ Toleranz : 25 %

MCV (fl)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	80	100.0	0.0	0.0	85.8	1.9	e
2	Advia	5	100.0	0.0	0.0	86.3	1.8	e
3	Yumizen/Pentra	10	100.0	0.0	0.0	85.8	1.7	e

MCH

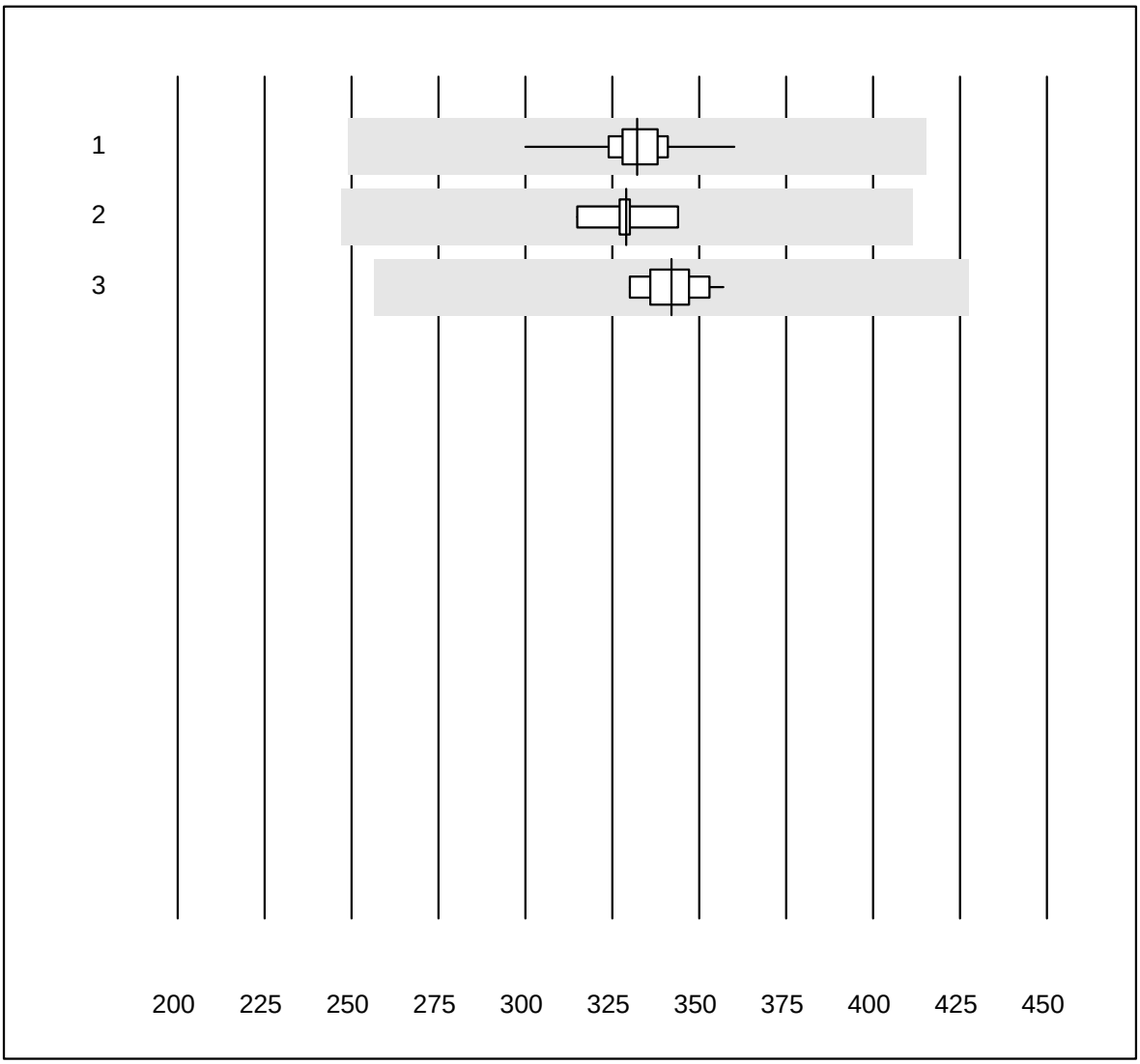


MQ Toleranz : 25 %

MCH (pg)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	80	100.0	0.0	0.0	28.5	1.7	e
2	Advia	5	100.0	0.0	0.0	28.3	1.8	e
3	Yumizen/Pentra	10	100.0	0.0	0.0	29.3	2.3	e

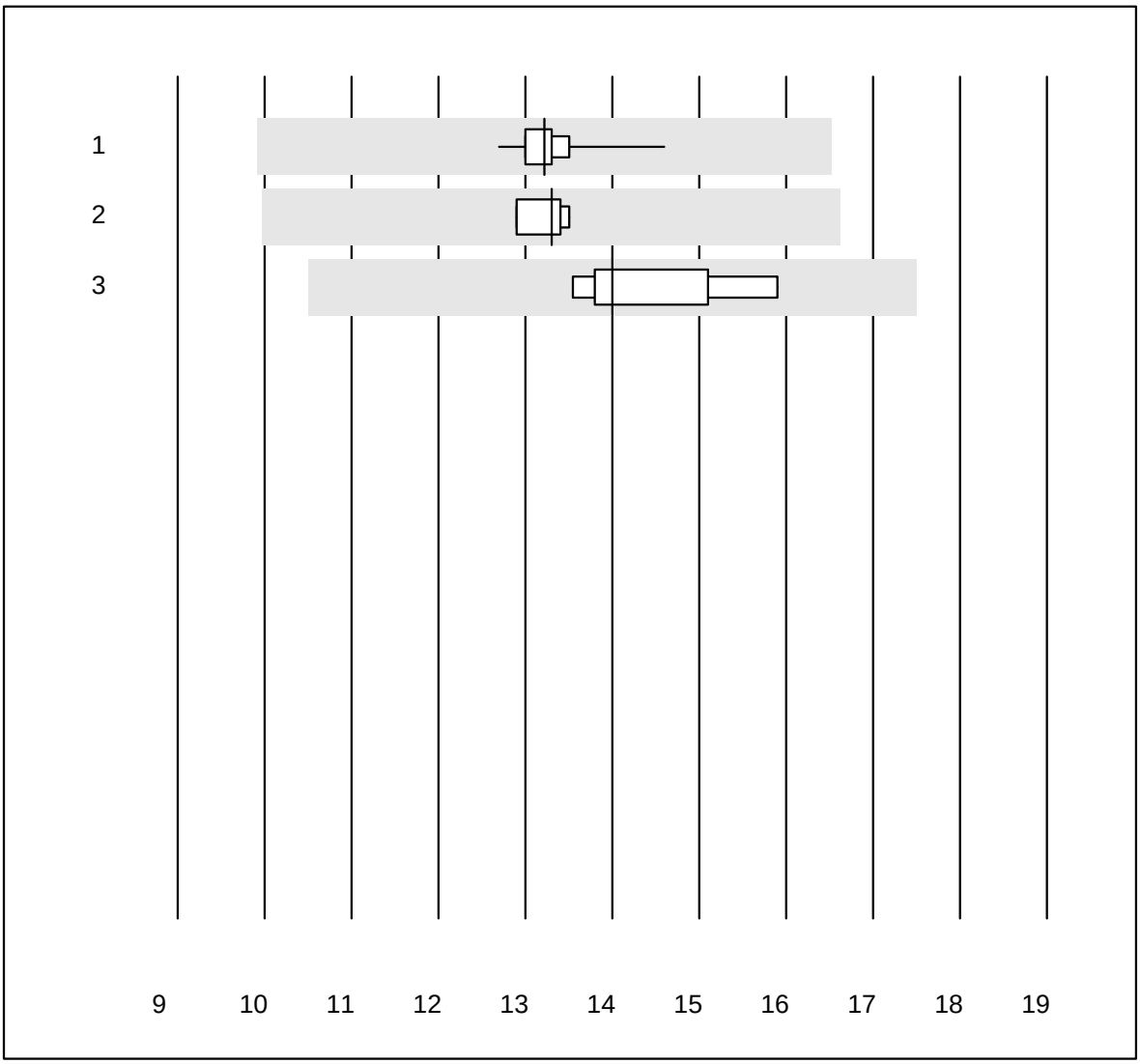
MCHC



MQ Toleranz : 25 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	81	100.0	0.0	0.0	332	2.6	e
2	Advia	5	100.0	0.0	0.0	329	3.1	e
3	Yumizen/Pentra	10	100.0	0.0	0.0	342	2.5	e

RDW

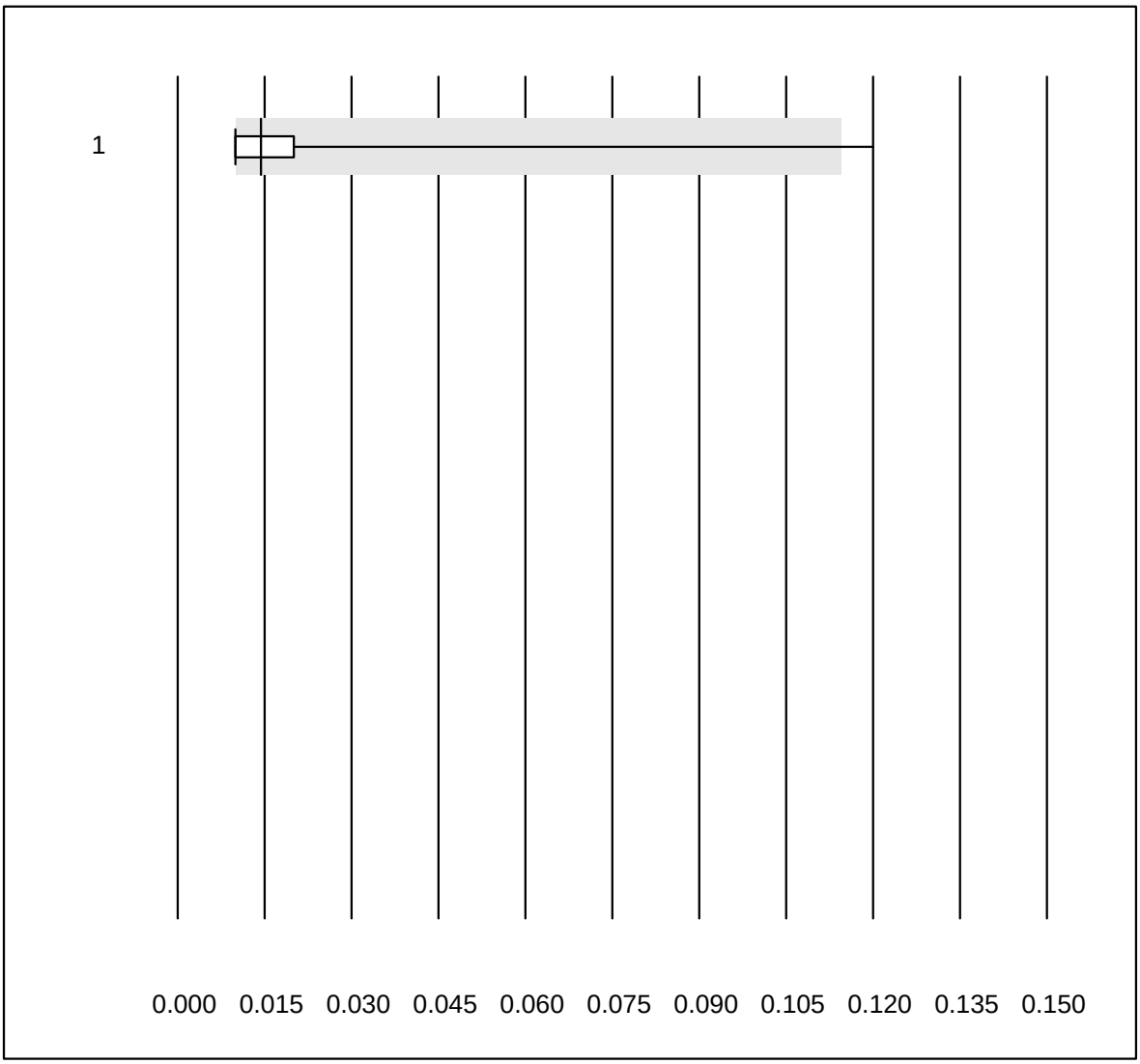


MQ Toleranz : 25 %

RDW (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	78	100.0	0.0	0.0	13.2	2.3	e
2	Advia	4	100.0	0.0	0.0	13.3	2.0	e
3	Yumizen/Pentra	9	100.0	0.0	0.0	14.0	5.9	e

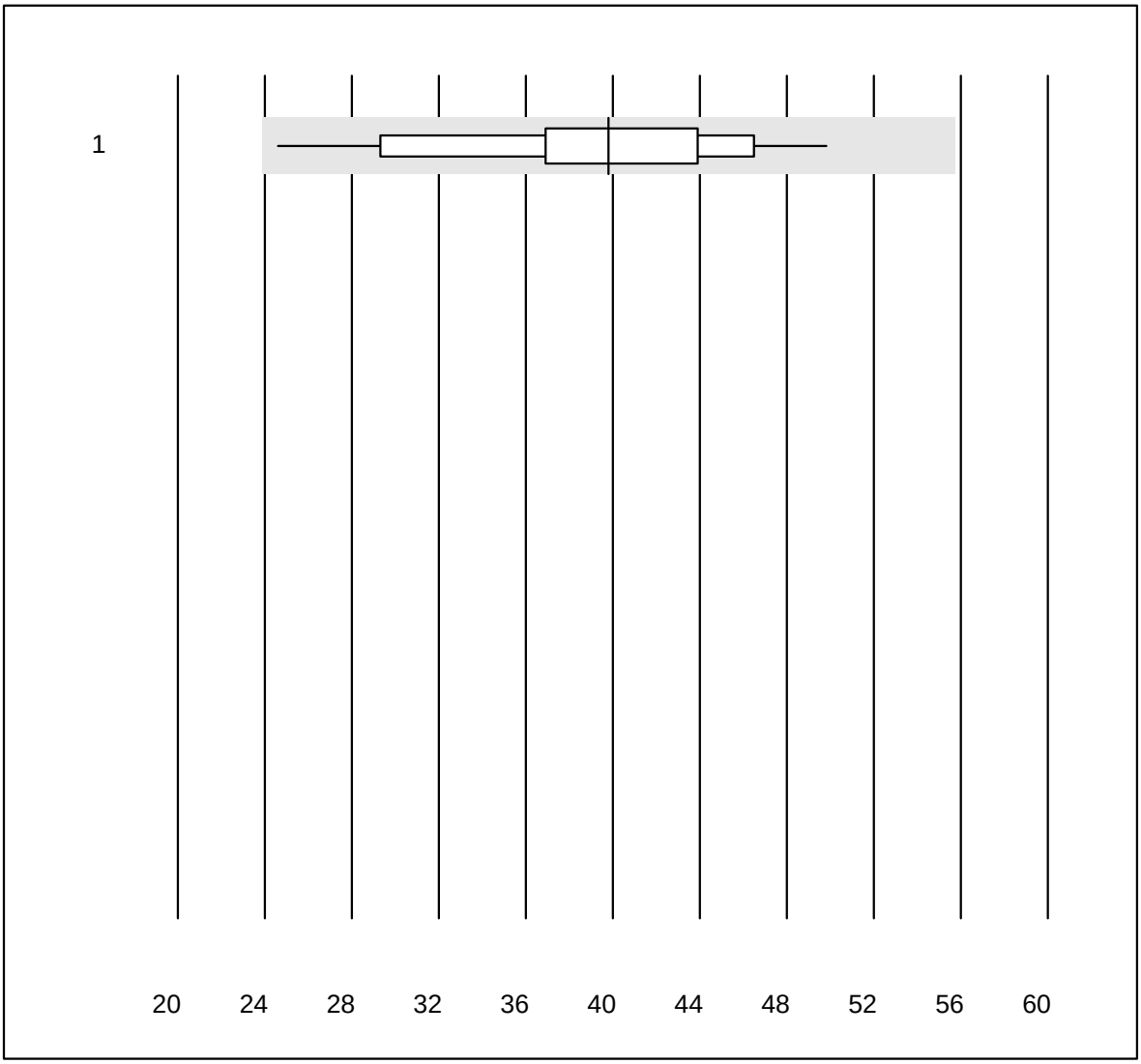
Immature Granulocytes



MQ Toleranz : 25 %
(< 0.10: +/- 0.10 G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	64	98.4	1.6	0.0	0.01	100.6	e*

Retikulozyten

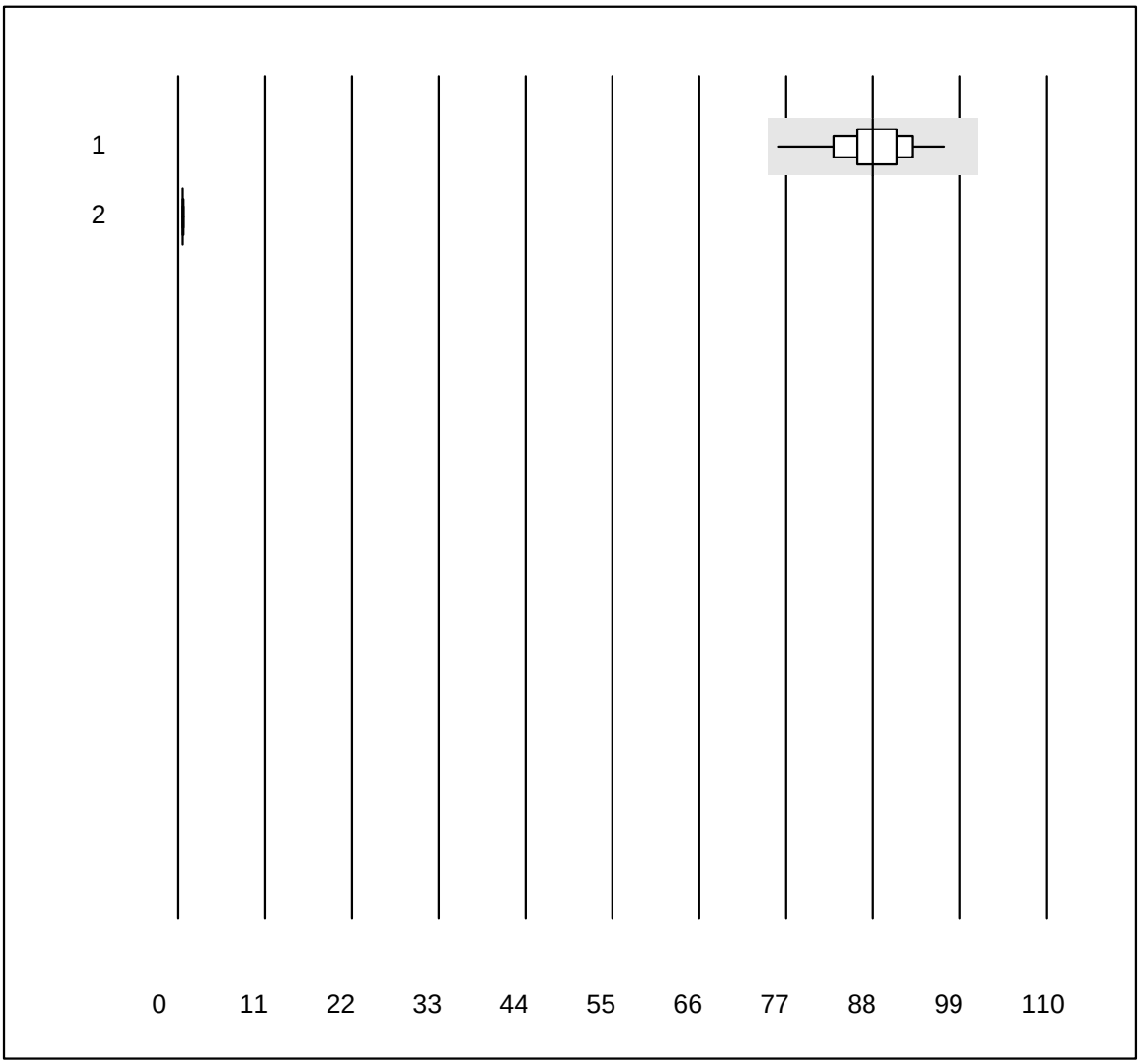


MQ Toleranz : 30 %

Retikulozyten (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	43	100.0	0.0	0.0	39.8	15.0	a

Hämolyseindex Probe A

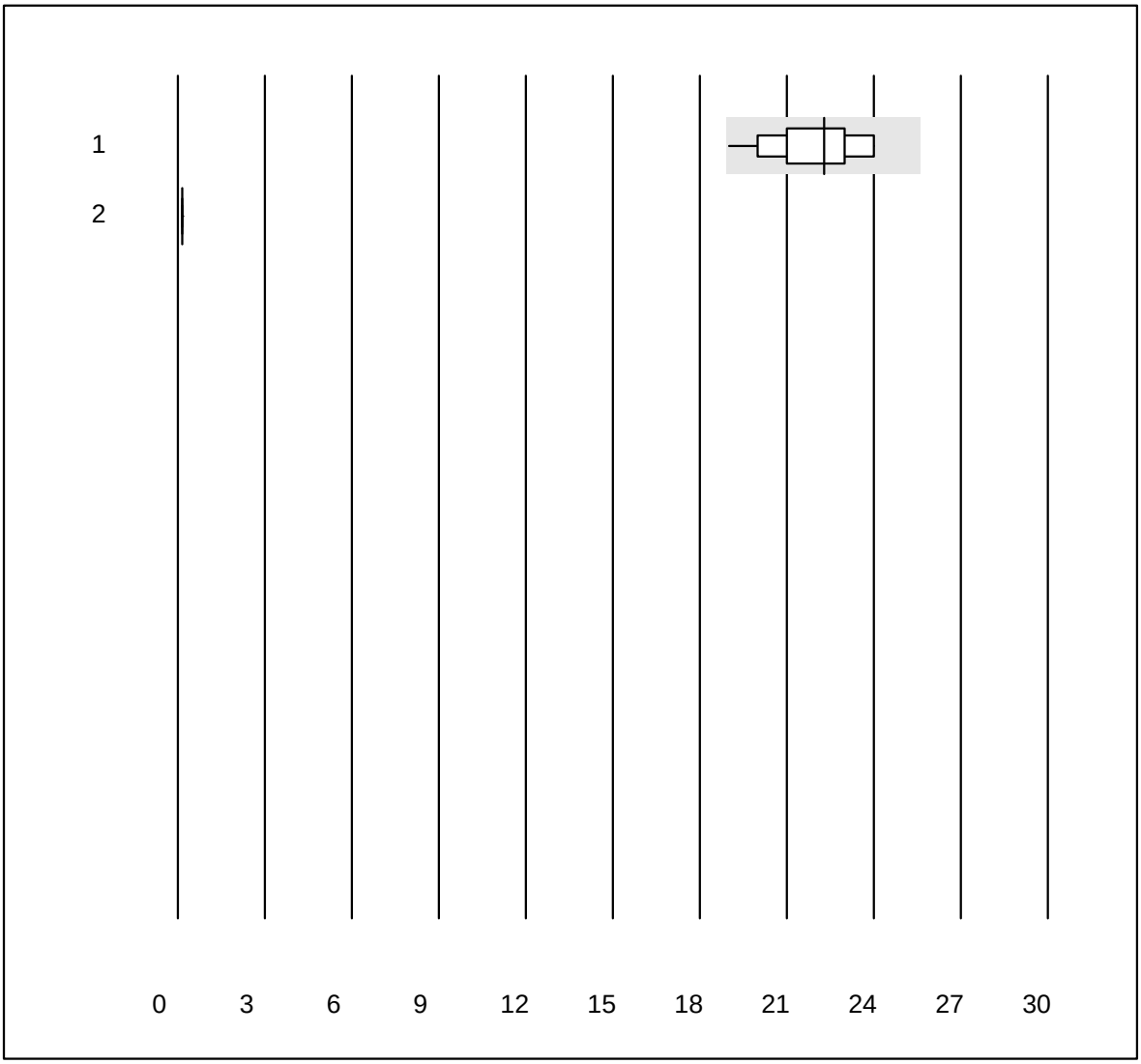


MQ Toleranz : 15 %

Hämolyseindex Probe A ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	17	100.0	0.0	0.0	88.00	5.3	e
2	Architect	5	100.0	0.0	0.0	0.60	4.8	e*

Hämolyseindex Probe B

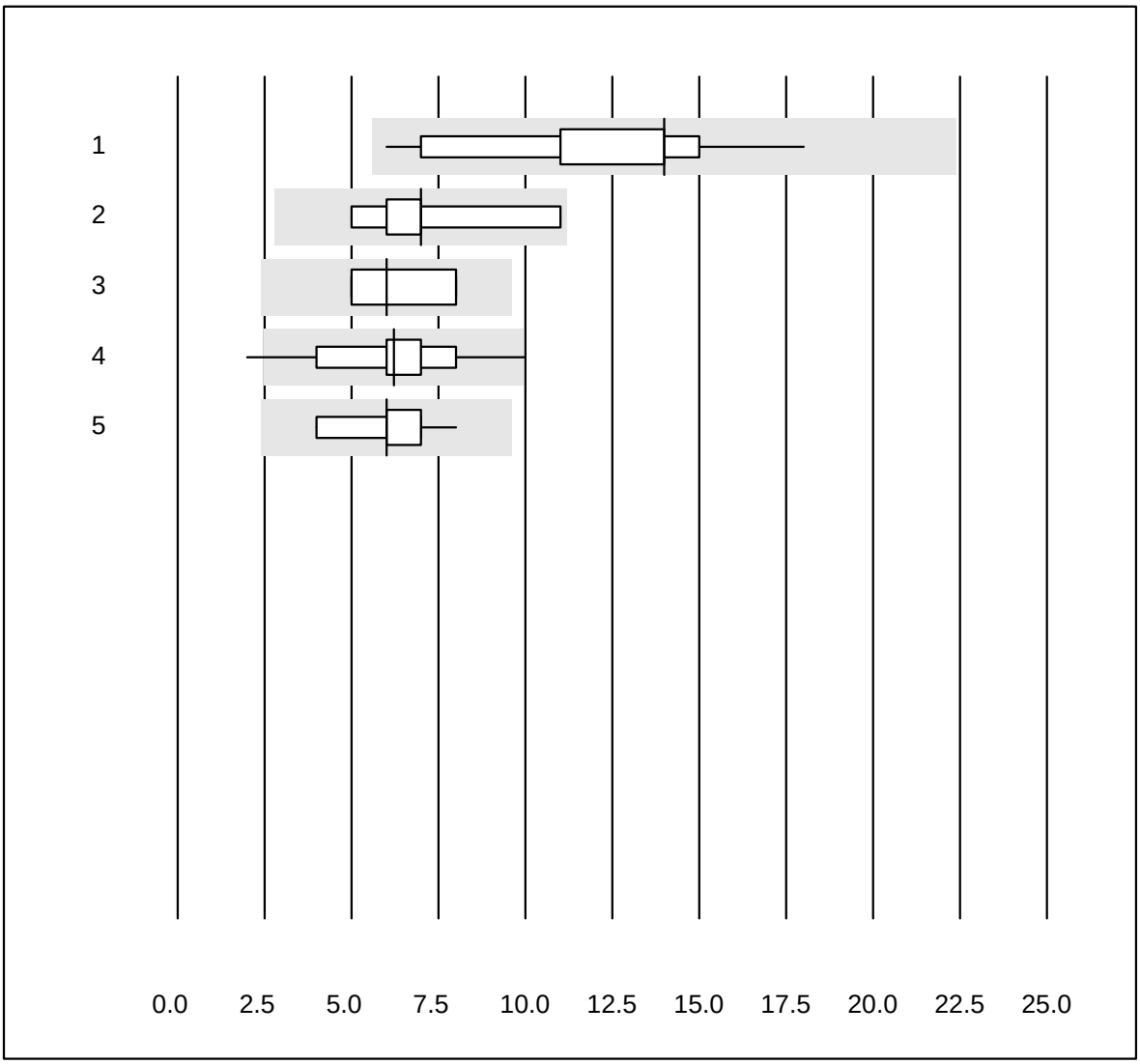


MQ Toleranz : 15 %

Hämolyseindex Probe B ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	18	100.0	0.0	0.0	22.28	6.3	e
2	Architect	5	100.0	0.0	0.0	0.15	6.7	e*

Blutsenkung 1h

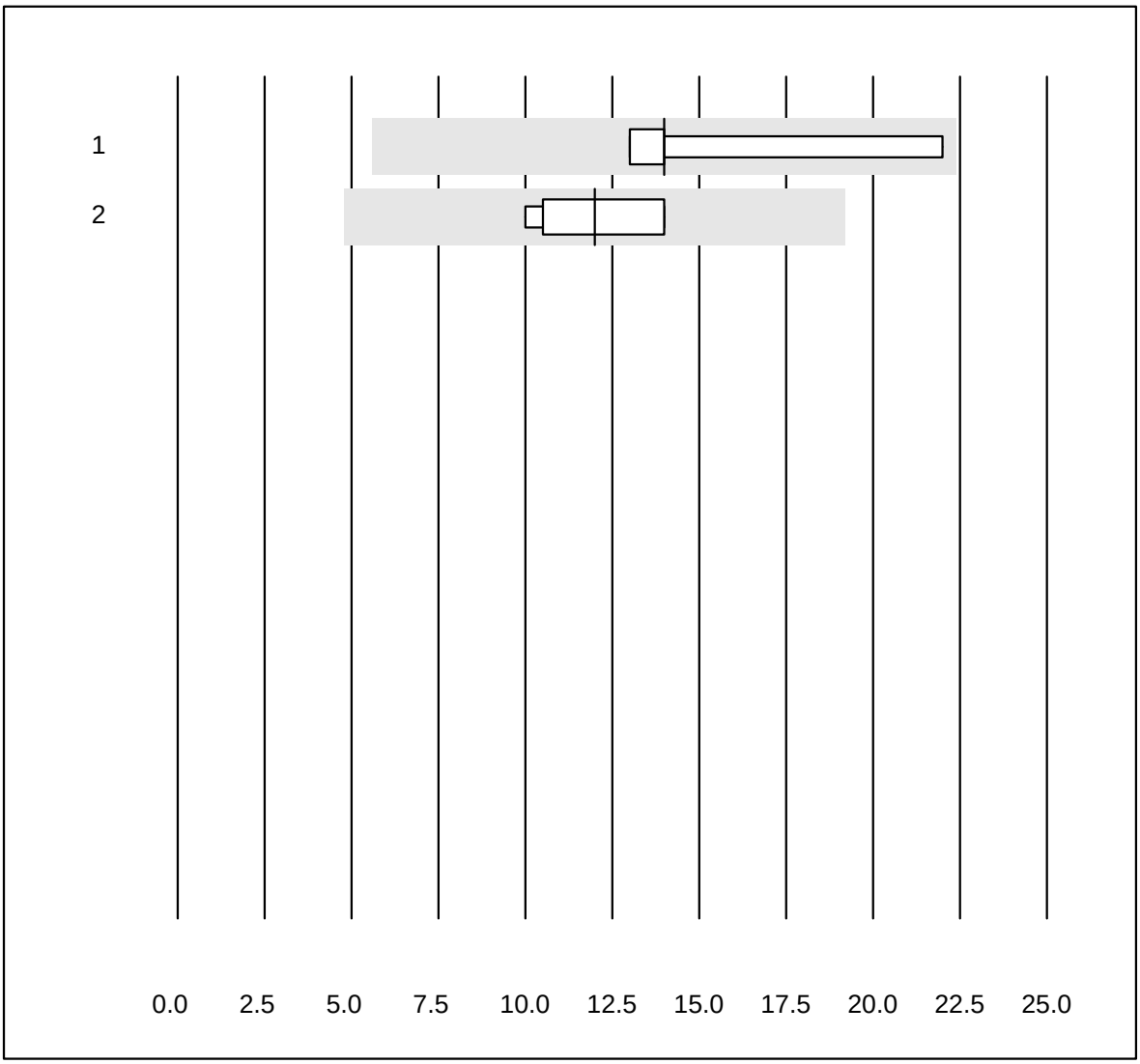


MQ Toleranz : 30 %

Blutsenkung 1h (mm/h)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	MINI-CUBE	11	100.0	0.0	0.0	14	27.5	a
2	Sarstedt Sedivette	12	100.0	0.0	0.0	7	28.5	a
3	Sarstedt Microvette	4	75.0	0.0	25.0	6	24.1	a
4	BD Seditainer	43	93.0	7.0	0.0	6	23.4	a
5	andere Methoden	11	90.9	0.0	9.1	6	17.8	a

Blutsenkung 2h

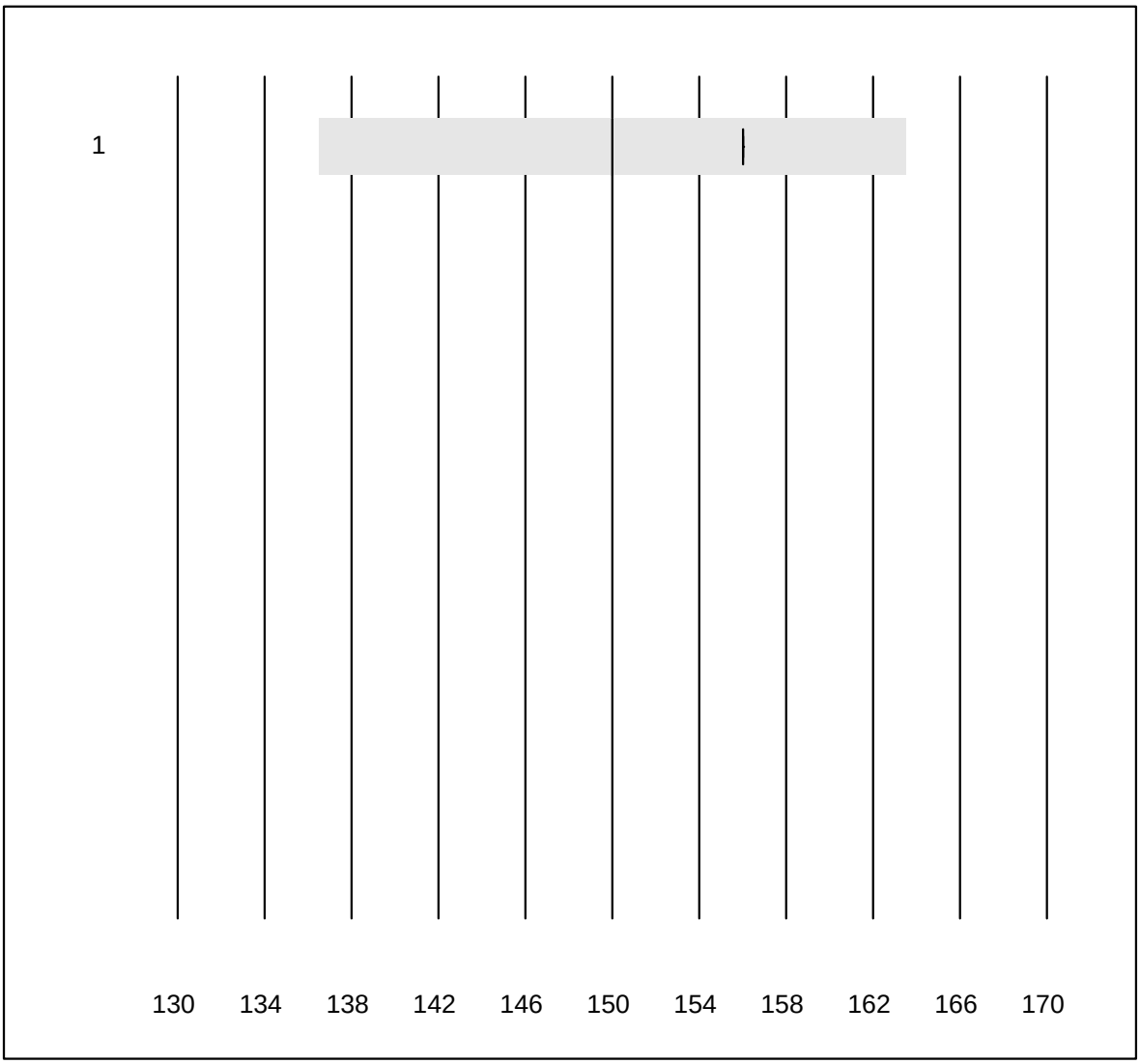


MQ Toleranz : 30 %

Blutsenkung 2h (mm/2h)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	BD Seditainer	6	100.0	0.0	0.0	14	23.1	a
2	andere Methoden	5	100.0	0.0	0.0	12	15.6	a

Hämoglobin HS

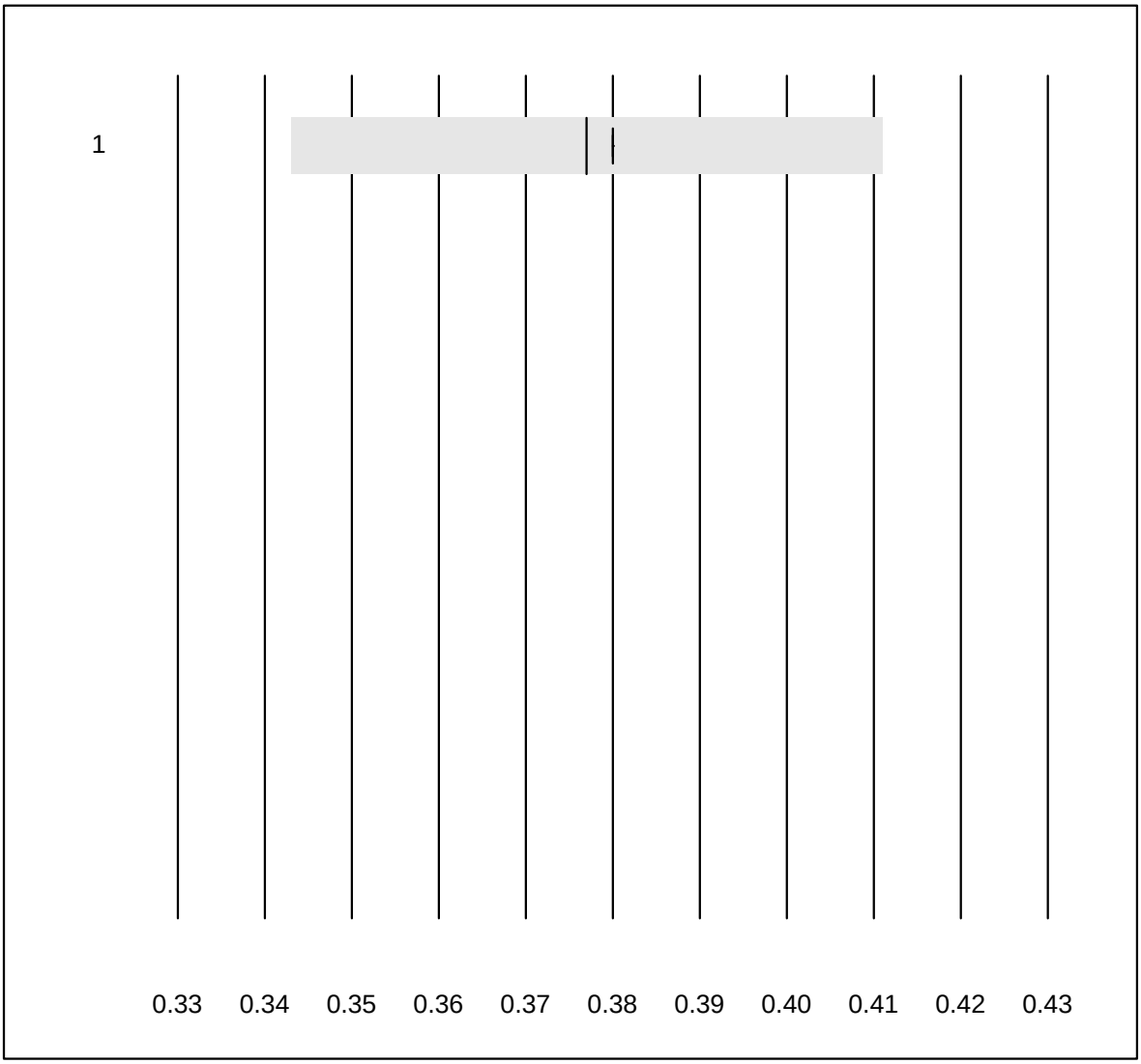


MQ Toleranz : 9 %

Hämoglobin HS (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	PixCell HemoScreen	4	50.0	0.0	50.0	150.0	0.0	a

Hämatokrit HS

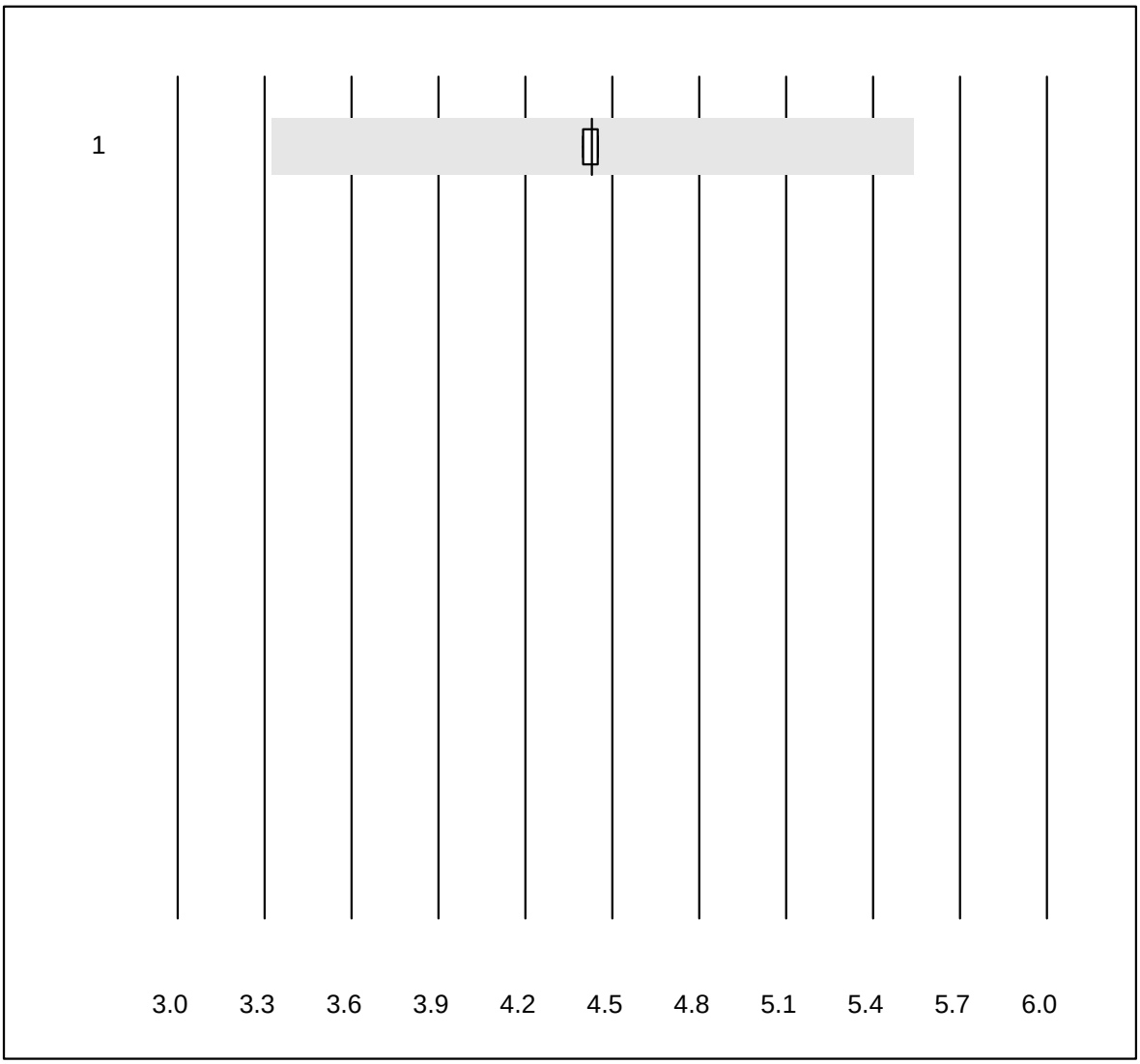


MQ Toleranz : 9 %

Hämatokrit HS (l/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	PixCell HemoScreen	4	50.0	0.0	50.0	0.4	0.0	a

Erythrozyten HS

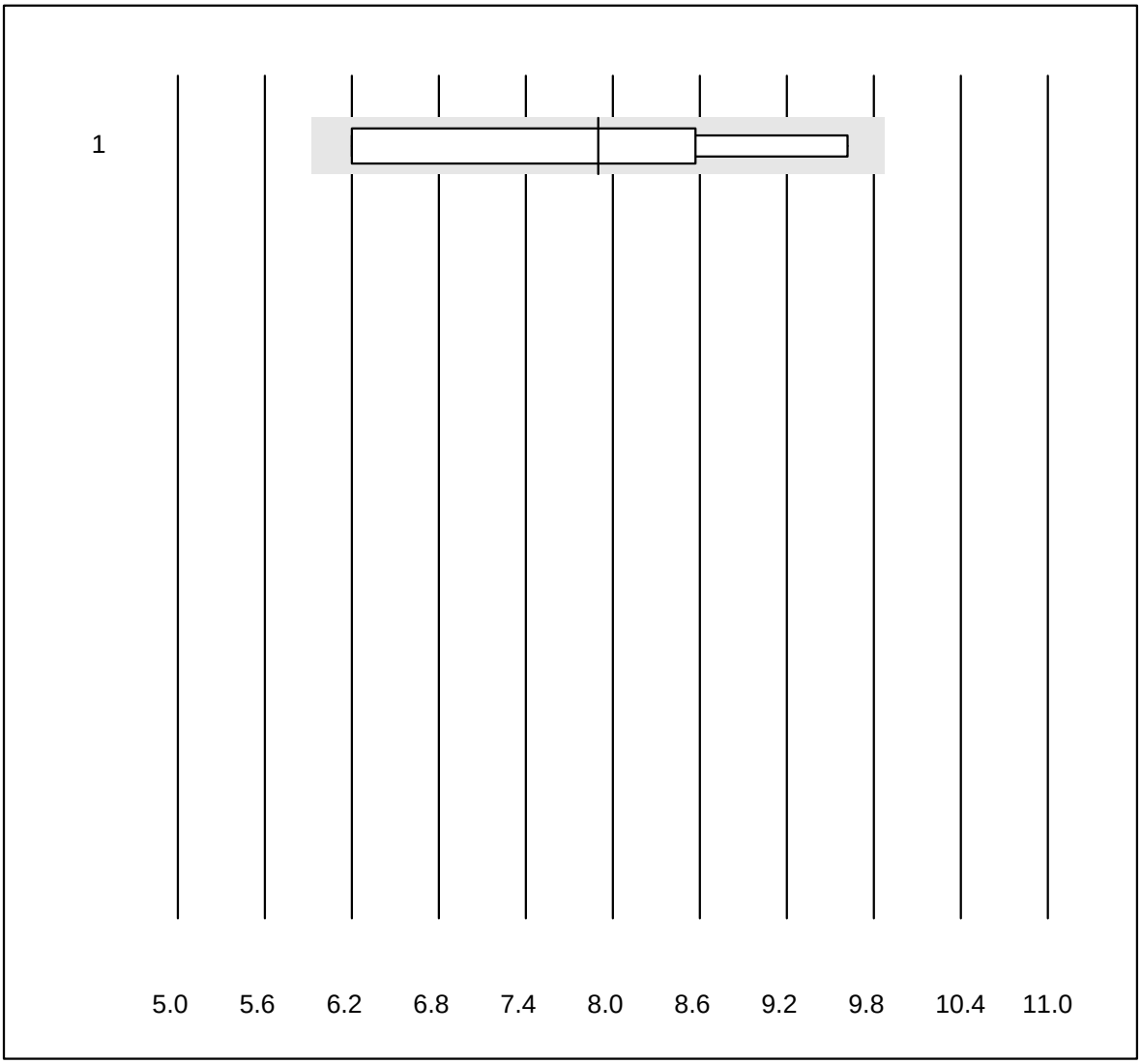


MQ Toleranz : 25 %

Erythrozyten HS (T/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	PixCell HemoScreen	4	50.0	0.0	50.0	4.43	0.8	a

Leukozyten HS

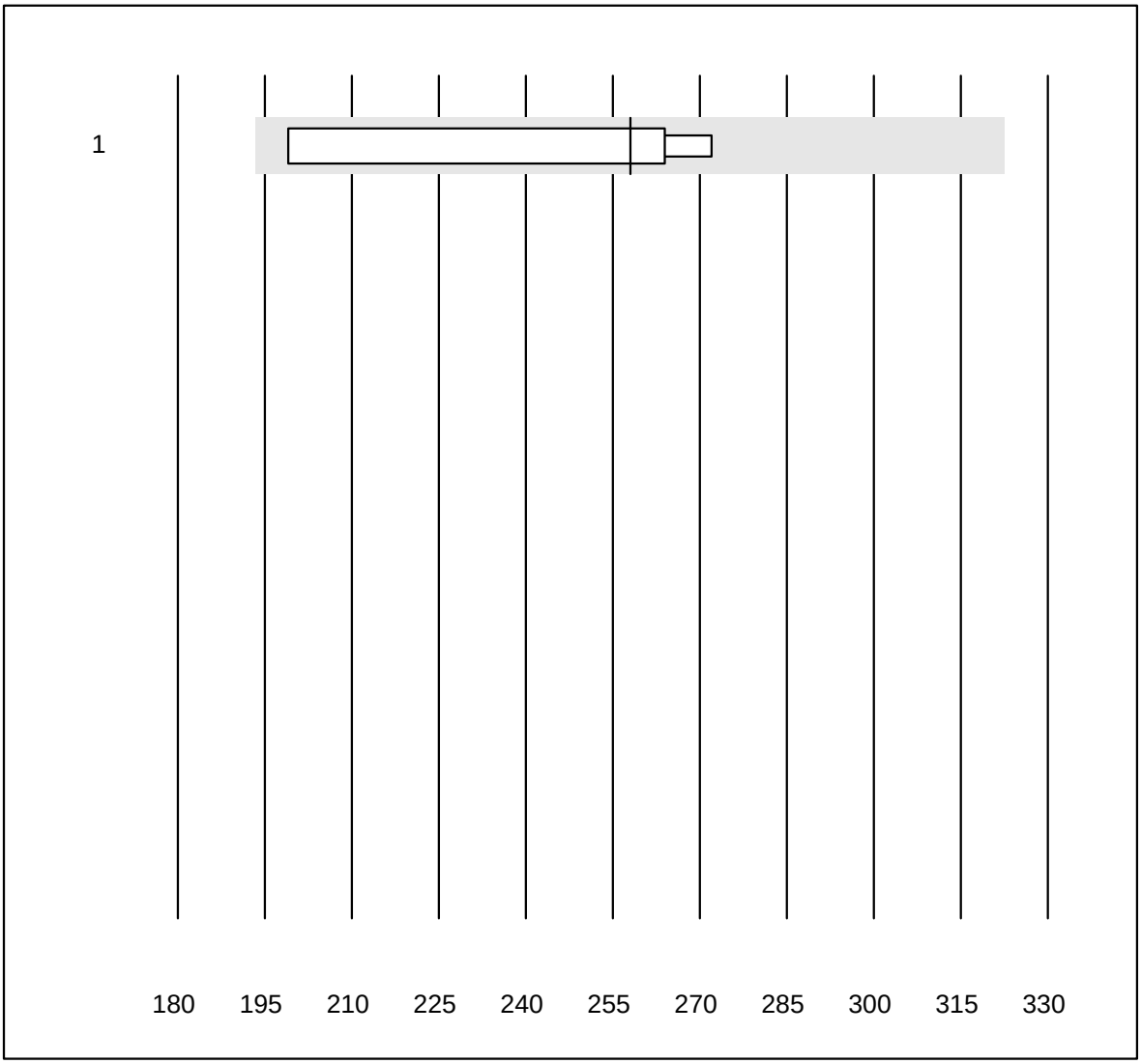


MQ Toleranz : 25 %

Leukozyten HS (G/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	PixCell HemoScreen	4	100.0	0.0	0.0	7.90	19.0	e*

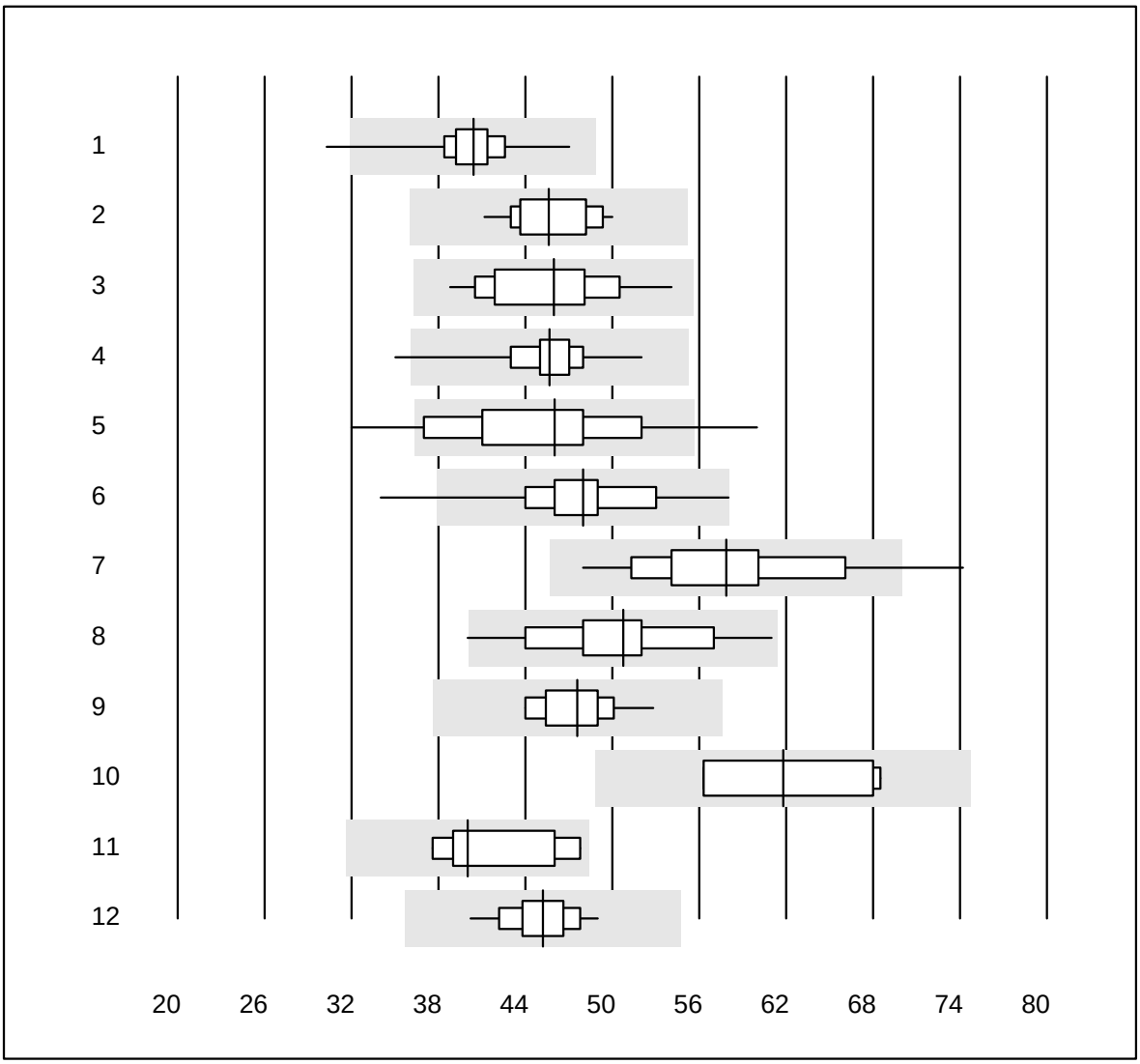
Thrombozyten HS



MQ Toleranz : 25 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	PixCell HemoScreen	4	100.0	0.0	0.0	258.0	13.3	e*

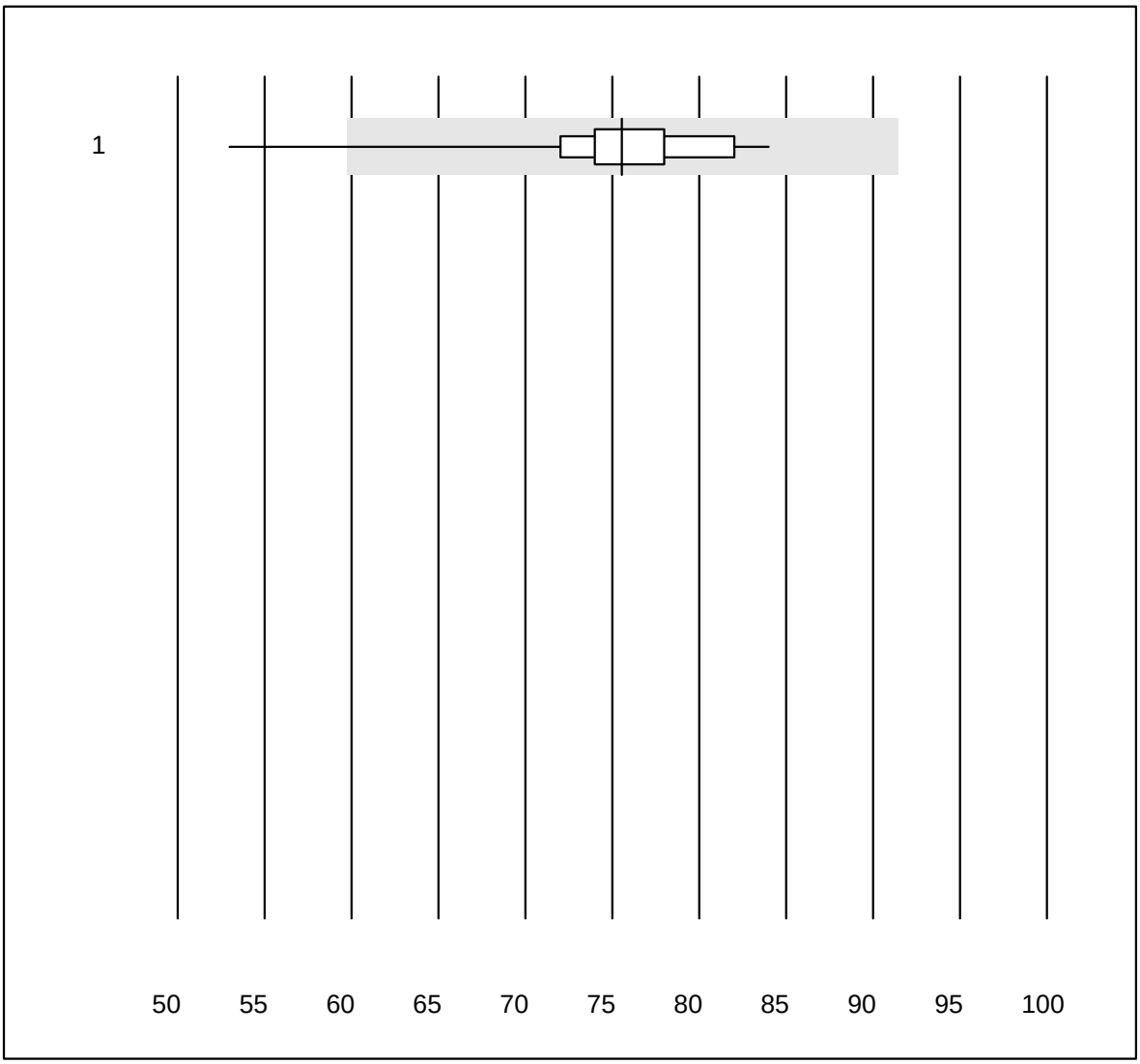
CRP



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b101	314	99.1	0.3	0.6	40.4	4.6	e
2	Cobas	23	100.0	0.0	0.0	45.6	5.4	e
3	Turbidimetrie	14	85.7	0.0	14.3	46.0	9.3	e
4	Afinion	1198	99.3	0.4	0.3	45.7	4.8	e
5	NycoCard SingleTest-	93	81.7	10.8	7.5	46.0	12.8	e
6	Quick Read go	100	96.0	1.0	3.0	48.0	7.8	e
7	Eurolyser	89	82.0	4.5	13.5	57.9	9.5	e
8	Fuji Dri-Chem	17	88.2	5.9	5.9	50.8	9.5	e
9	Autolyser/DiaSys	12	91.7	0.0	8.3	47.6	5.6	e
10	Piccolo	6	66.7	0.0	33.3	61.8	9.0	e*
11	Nephelometrie	7	100.0	0.0	0.0	40.0	9.3	e*
12	Celltac chemi	47	100.0	0.0	0.0	45.2	4.5	e

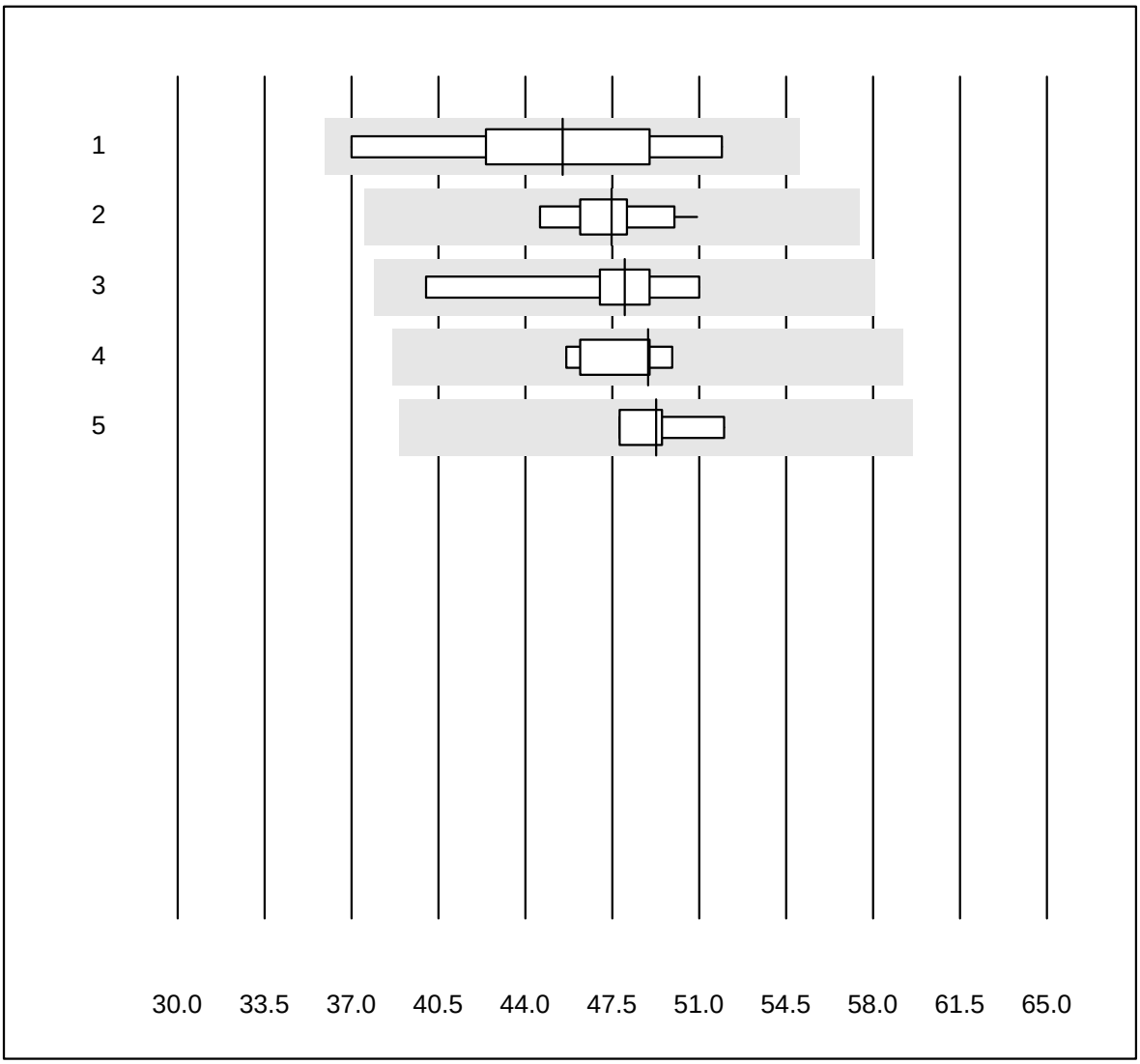
CRP



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	QuikRead (Vollblut)	27	88.9	3.7	7.4	75.6	7.7	e

CRP

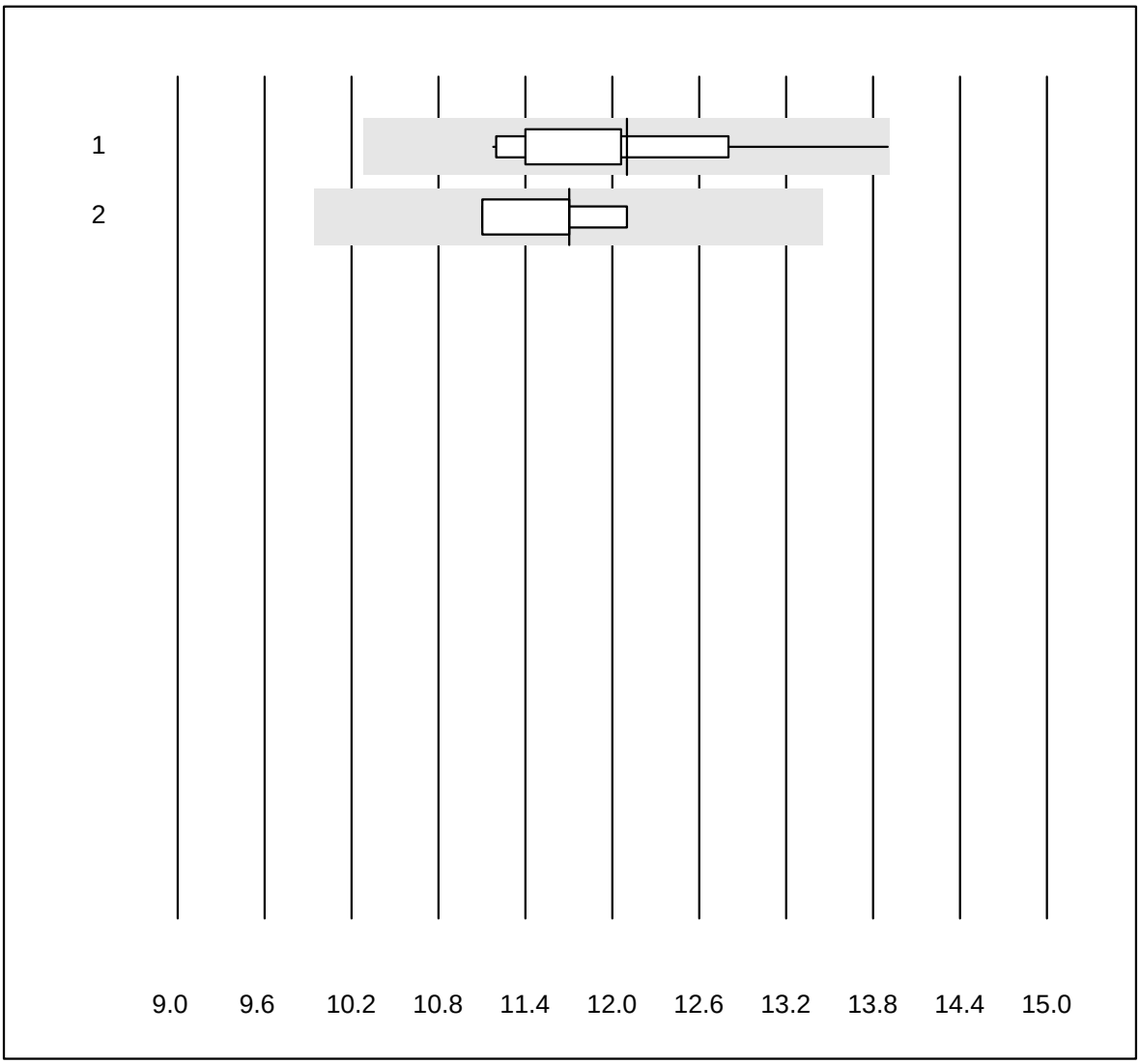


QUALAB Toleranz : 21 %

CRP (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Spinit	9	100.0	0.0	0.0	45.5	10.7	e*
2	Architect	10	100.0	0.0	0.0	47.5	4.2	e
3	AQT 90 FLEX	7	100.0	0.0	0.0	48.0	7.4	e*
4	Spotchem D-Concept	5	100.0	0.0	0.0	48.9	3.9	e
5	andere Methoden	4	100.0	0.0	0.0	49.3	3.6	e

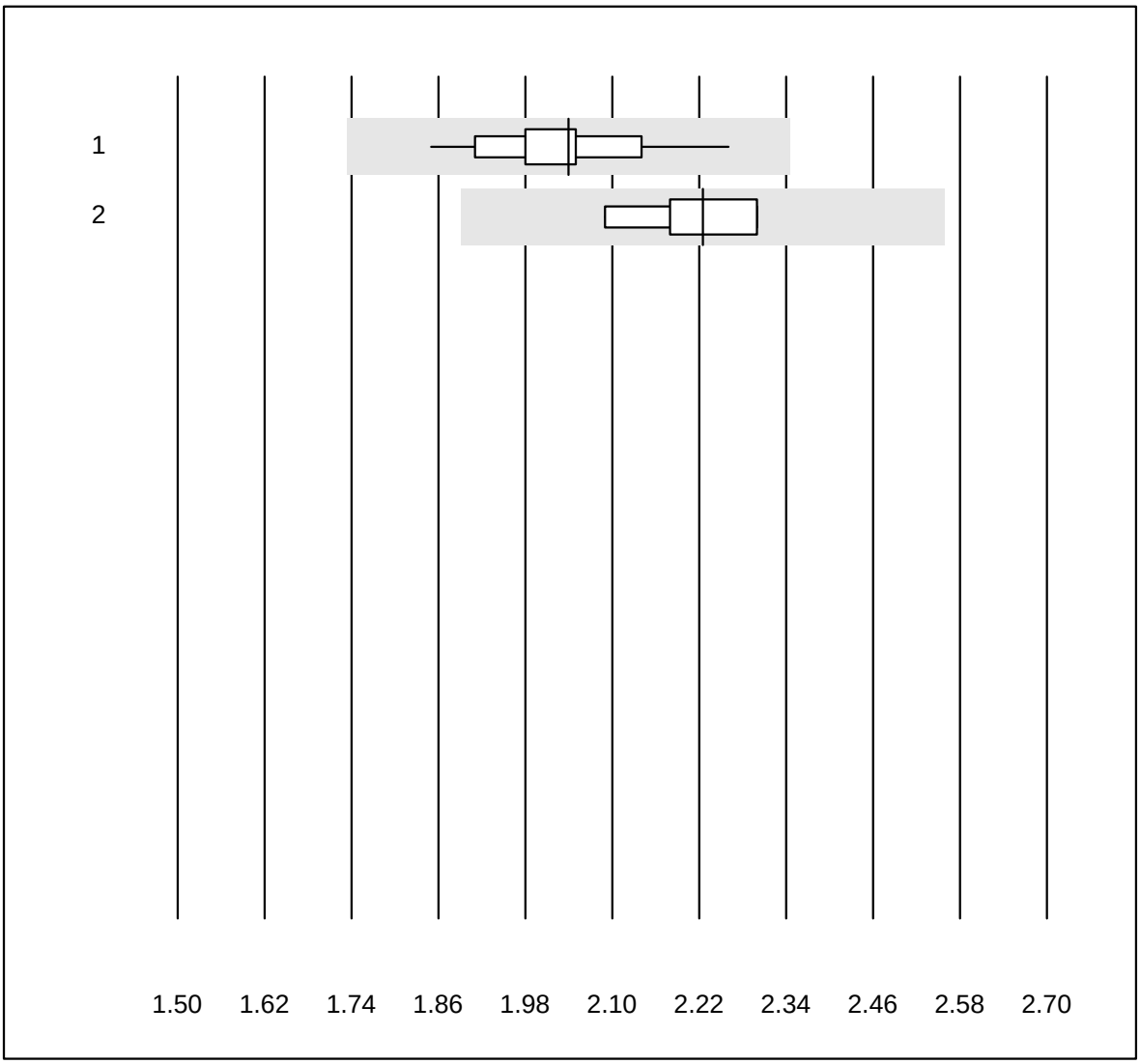
IgG



QUALAB Toleranz : 15 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Turbidimetrie	19	100.0	0.0	0.0	12.10	5.4	a
2	Nephelometrie	4	100.0	0.0	0.0	11.70	3.6	e

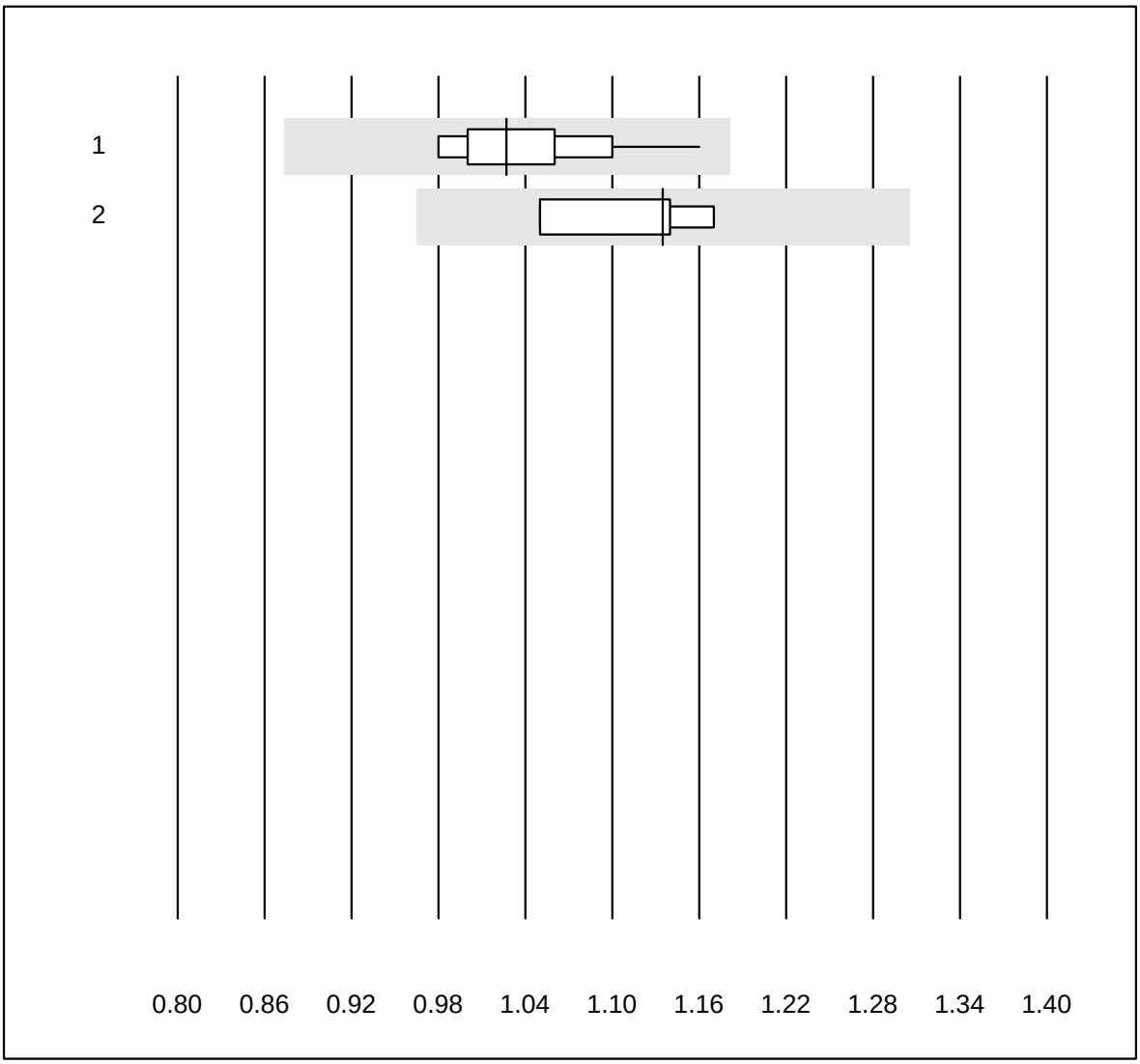
IgA



QUALAB Toleranz : 15 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Turbidimetrie	17	100.0	0.0	0.0	2.04	4.5	e
2	Nephelometrie	5	100.0	0.0	0.0	2.23	4.1	e*

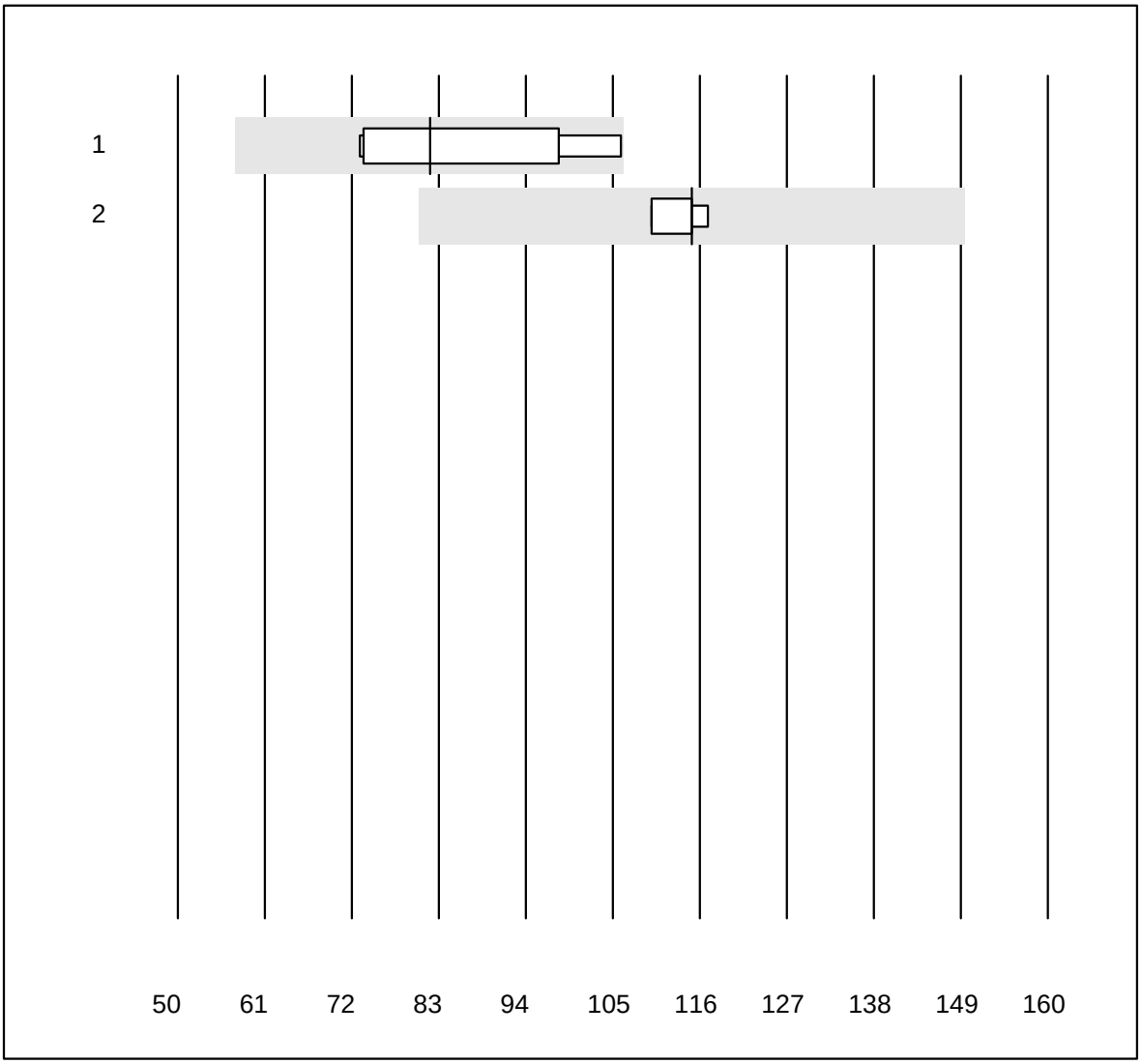
IgM



QUALAB Toleranz : 15 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Turbidimetrie	18	100.0	0.0	0.0	1.03	4.6	e
2	Nephelometrie	4	100.0	0.0	0.0	1.14	4.6	e*

IgE

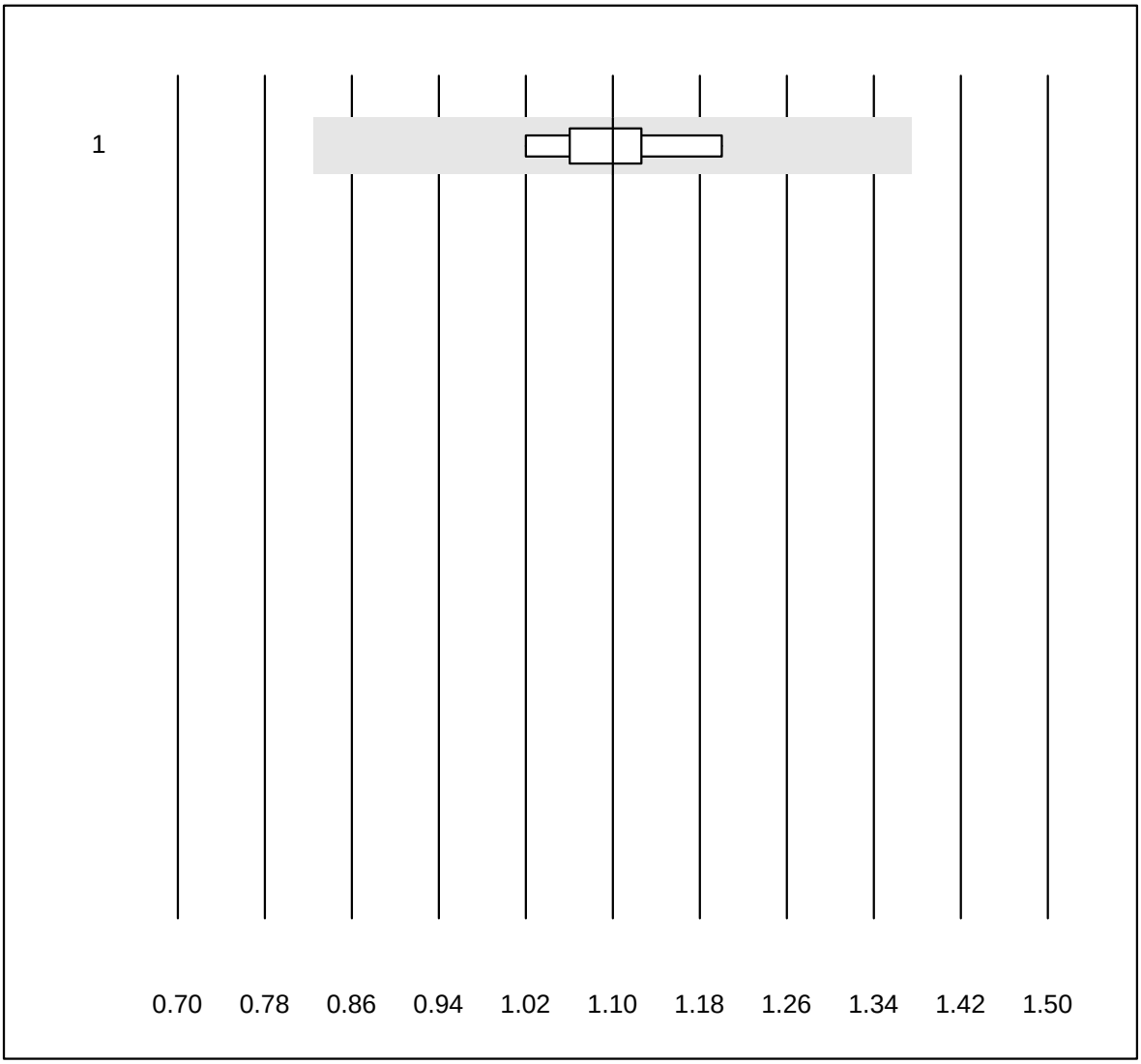


QUALAB Toleranz : 30 %

IgE (kU/L)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	6	100.0	0.0	0.0	82	15.9	e*
2	Cobas	4	100.0	0.0	0.0	115	2.6	e

Alpha-1-Antitrypsin

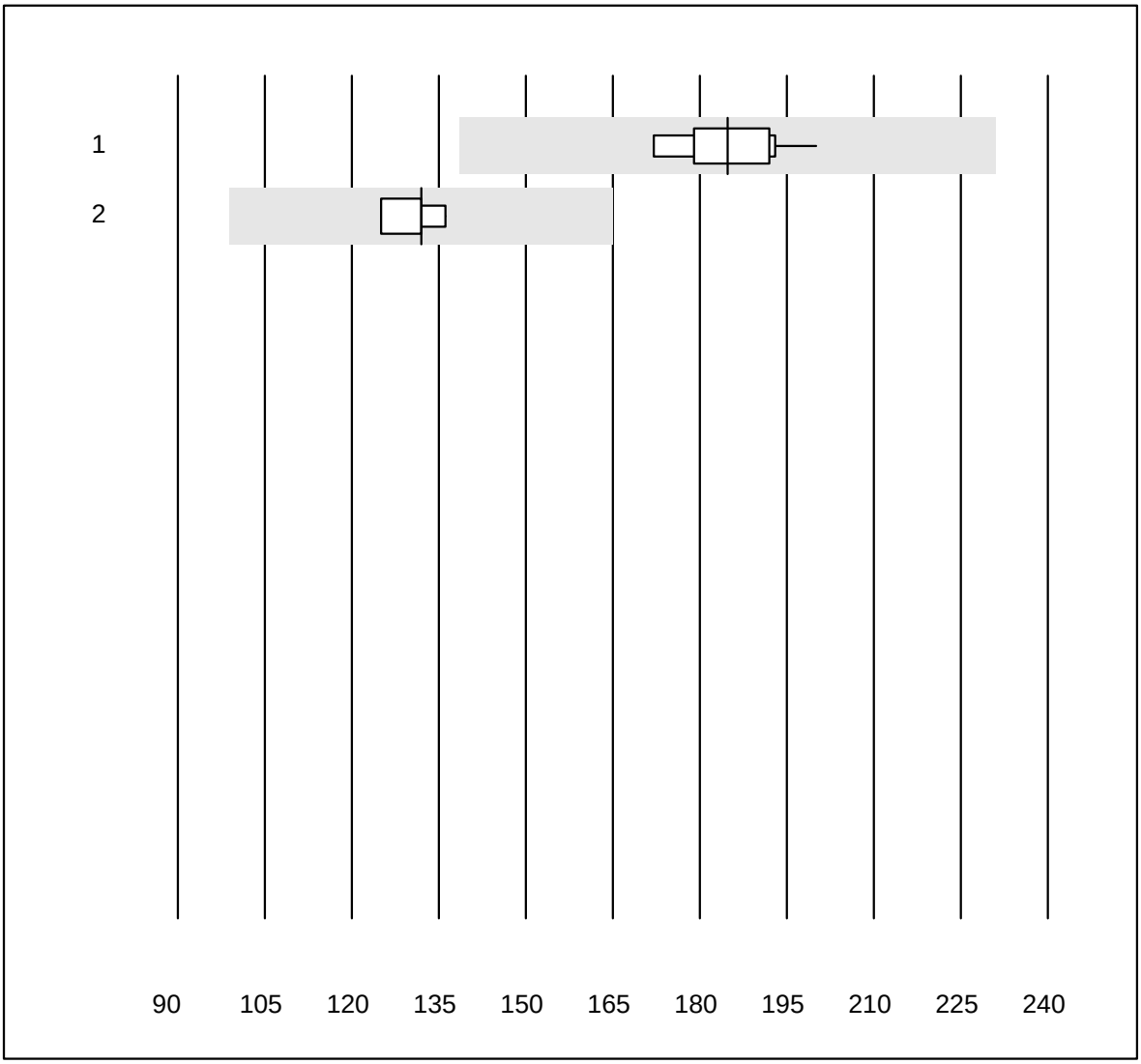


MQ Toleranz : 25 %

Alpha-1-Antitrypsin (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	7	100.0	0.0	0.0	1.10	5.1	e

Anti-Streptolysin-Antikörper

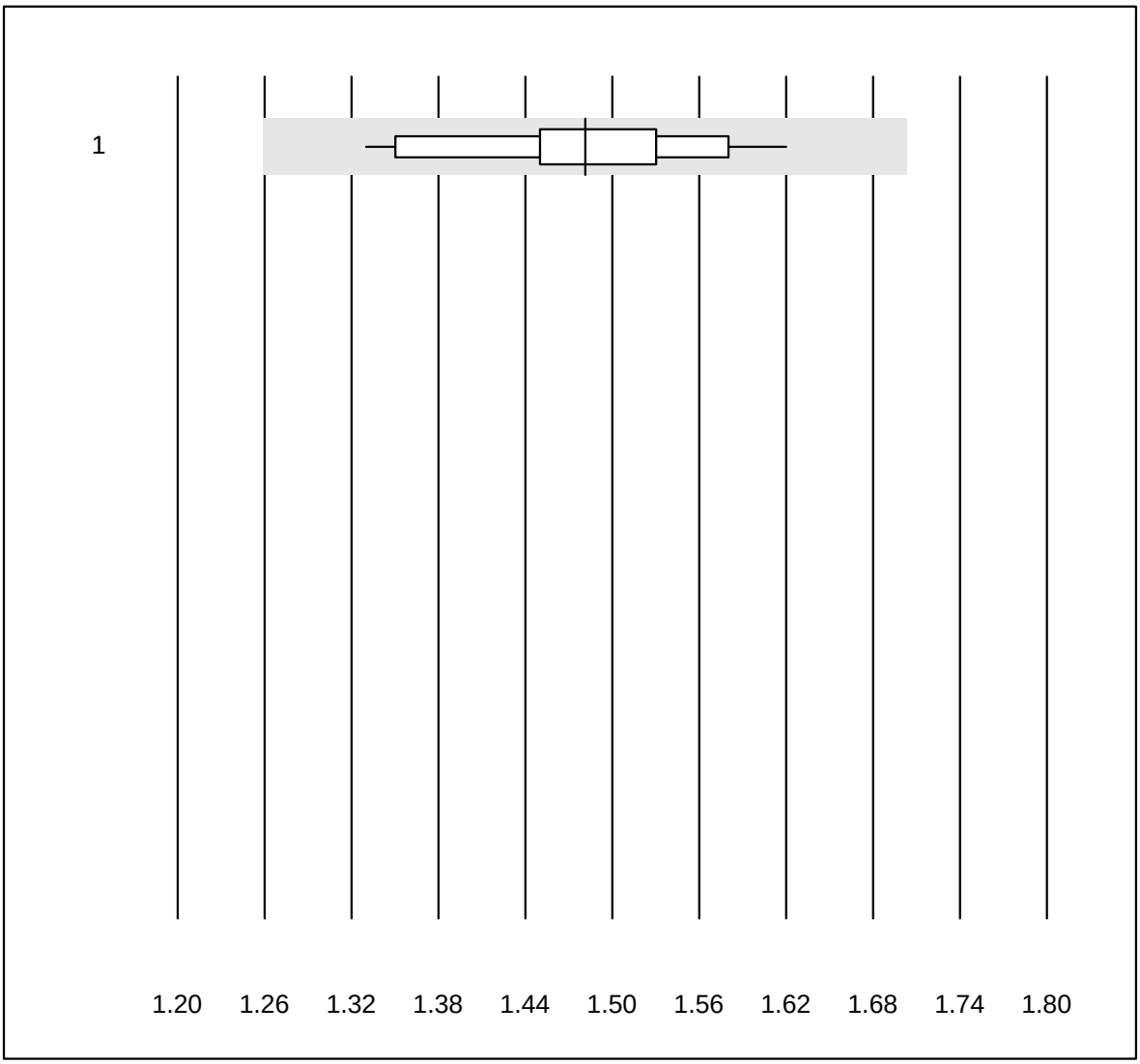


MQ Toleranz : 25 %

Anti-Streptolysin-Antikörper (kIU/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	11	100.0	0.0	0.0	185	4.7	e
2	andere Methoden	4	100.0	0.0	0.0	132	3.5	e

C3 Komplement

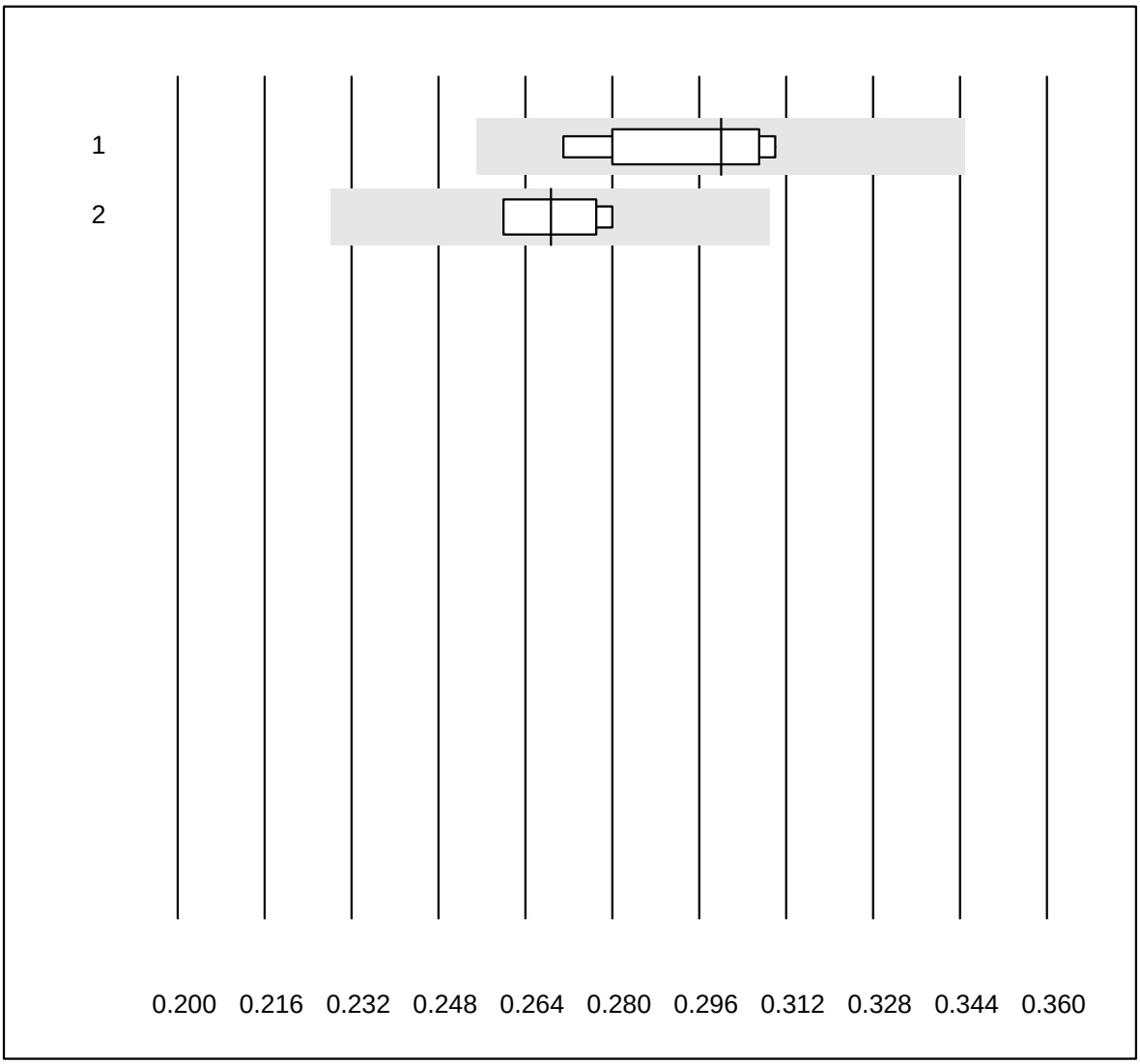


QUALAB Toleranz : 15 %

C3 Komplement (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	18	100.0	0.0	0.0	1.48	5.2	e

C4 Komplement

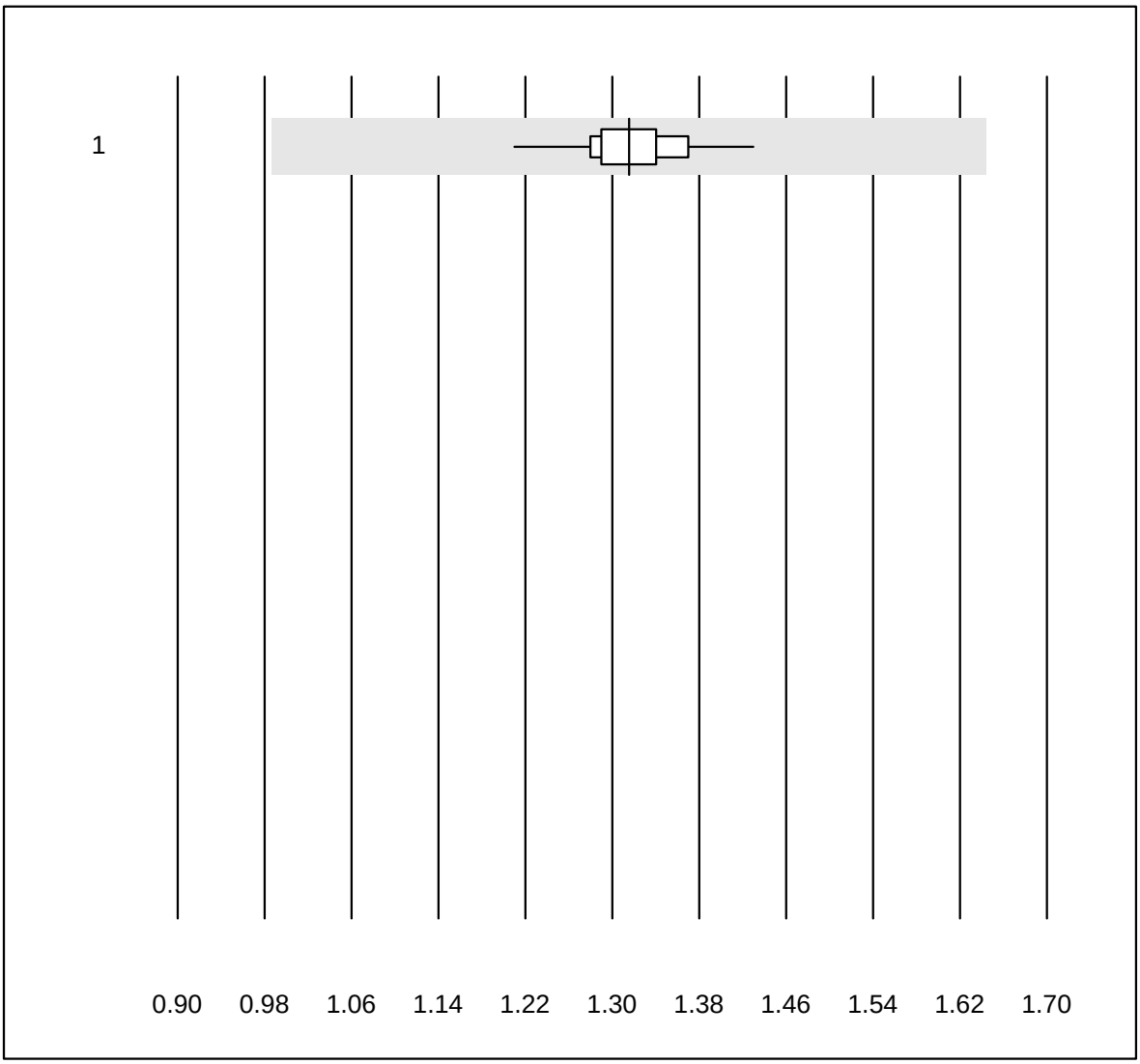


QUALAB Toleranz : 15 %

C4 Komplement (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alinity	6	100.0	0.0	0.0	0.30	5.3	e*
2	Alle Methoden	11	100.0	0.0	0.0	0.27	3.0	e

Haptoglobin

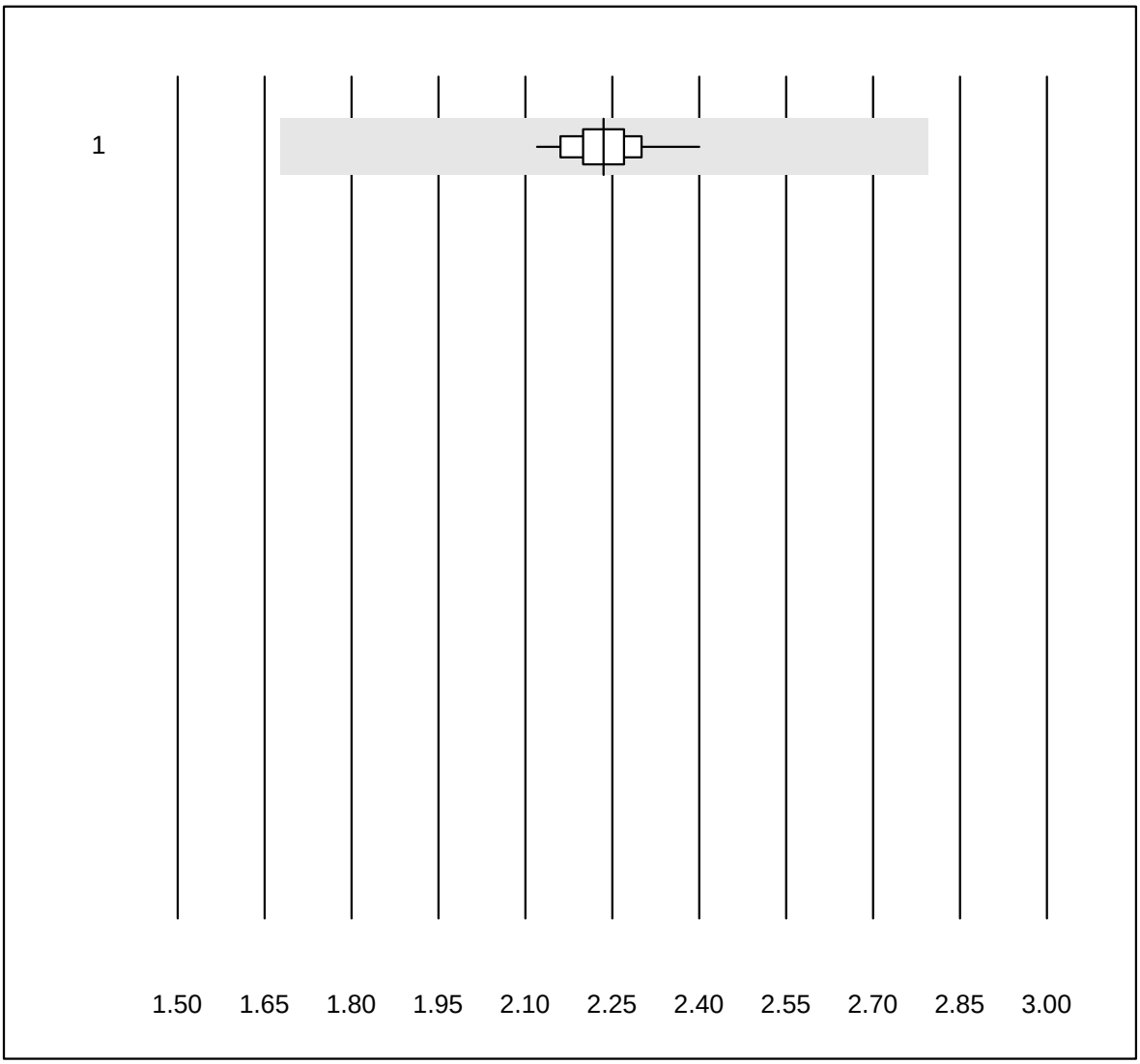


MQ Toleranz : 25 %

Haptoglobin (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	22	100.0	0.0	0.0	1.32	3.5	e

Transferrin

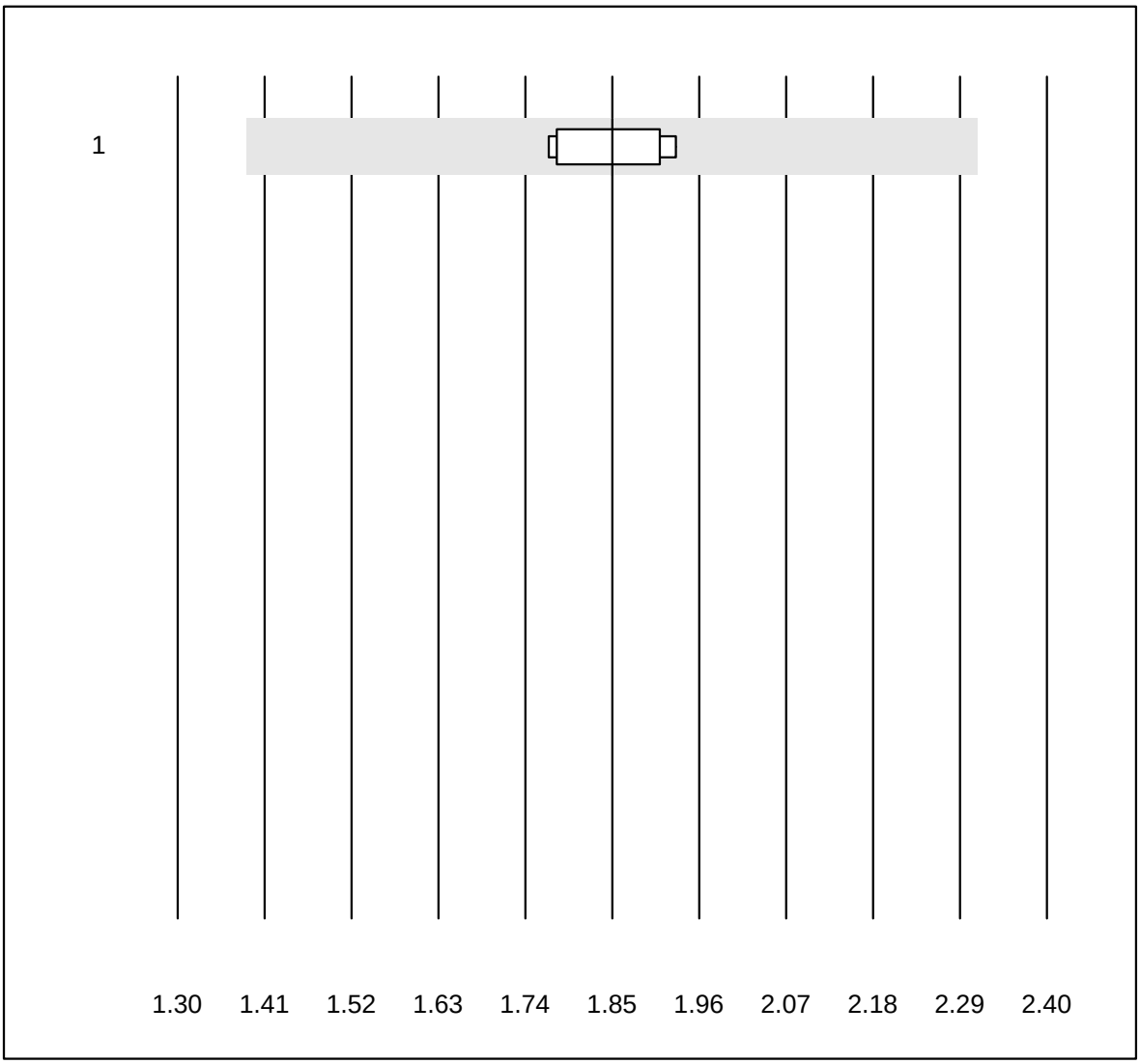


MQ Toleranz : 25 %

Transferrin (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	25	100.0	0.0	0.0	2.24	2.7	e

Beta-2-Mikroglobulin

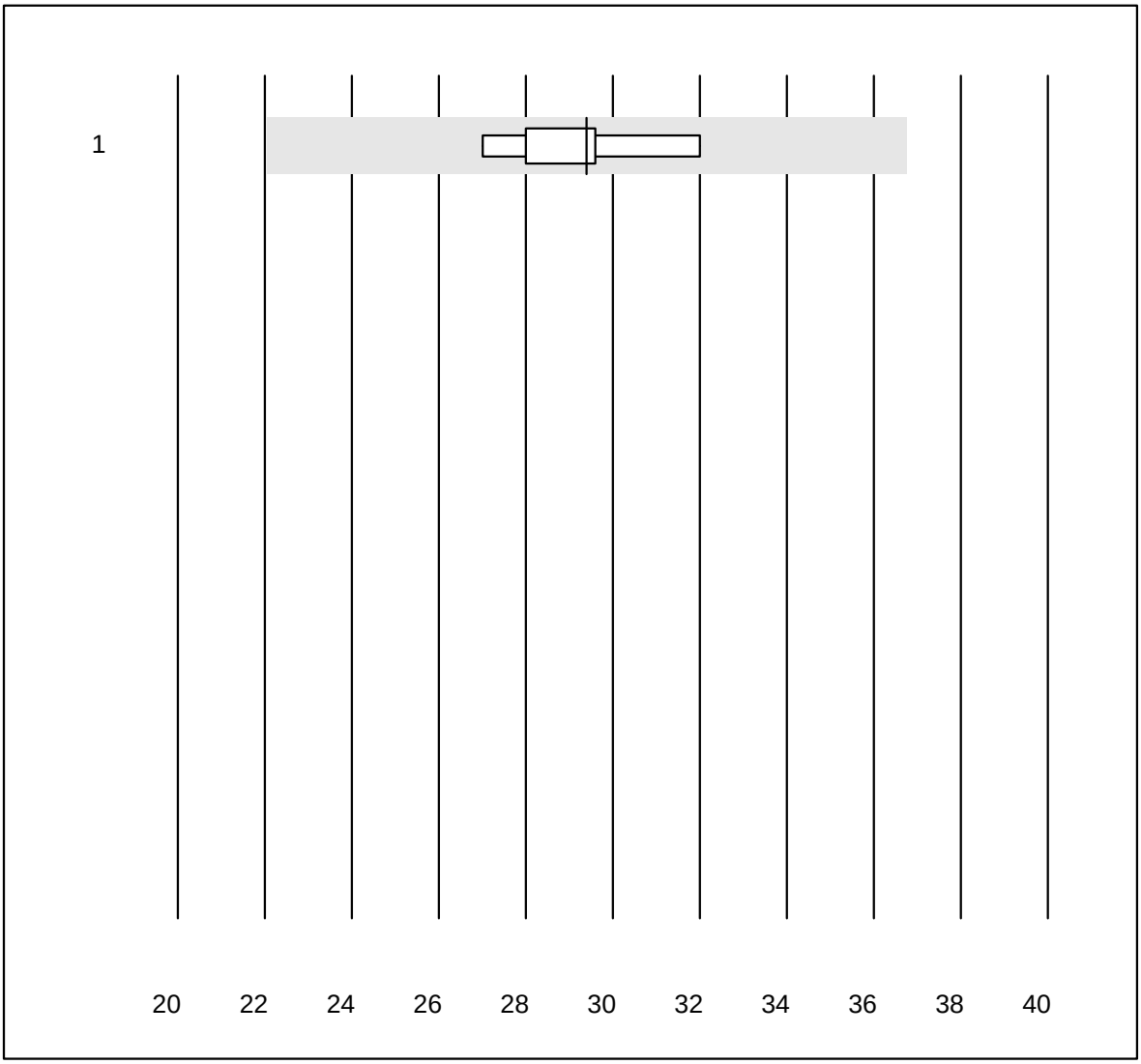


MQ Toleranz : 25 %

Beta-2-Mikroglobulin (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	6	100.0	0.0	0.0	1.85	3.9	e

Rheumafaktor

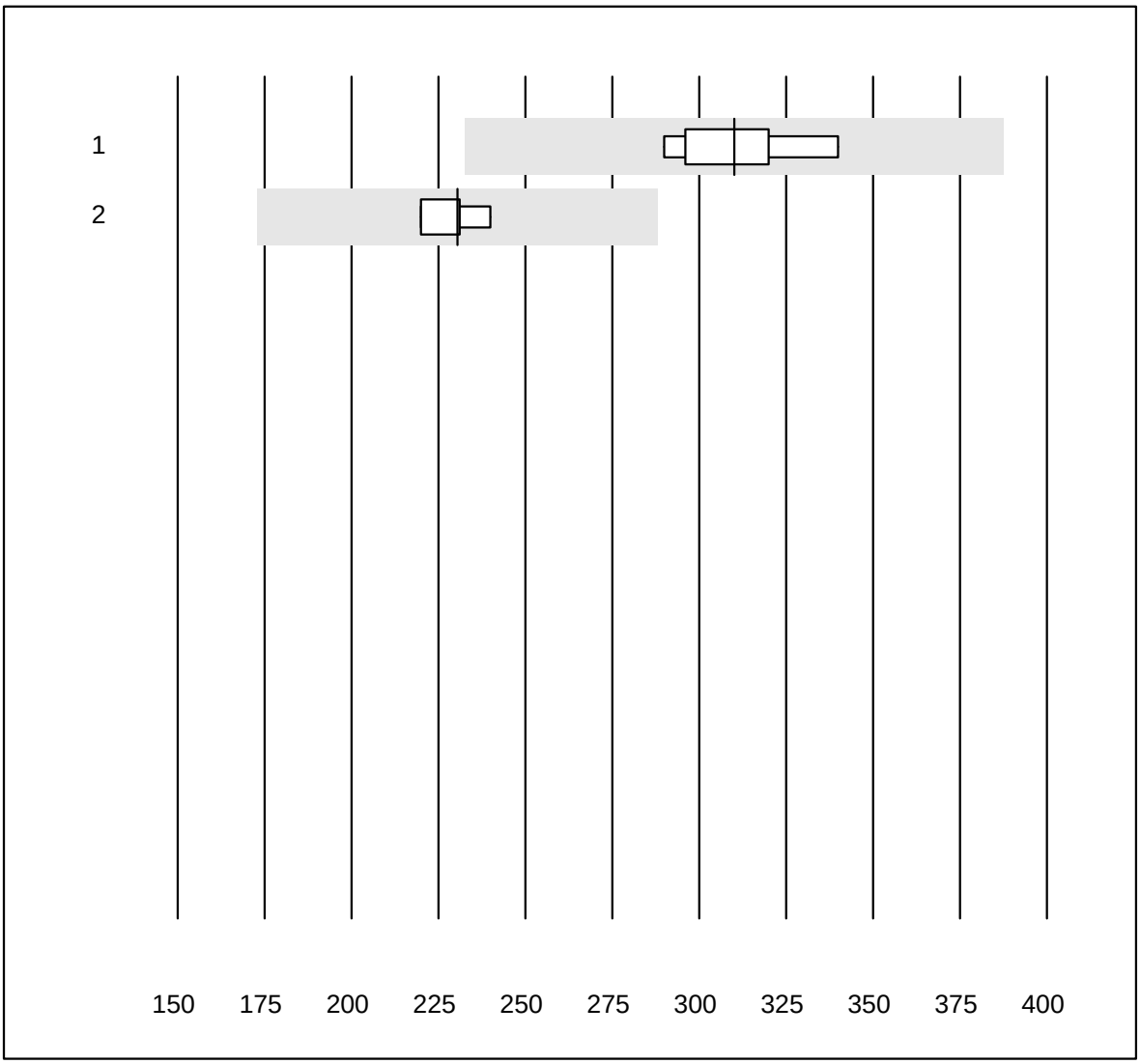


MQ Toleranz : 25 %

Rheumafaktor (U/ml)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	5	100.0	0.0	0.0	29.4	6.5	e

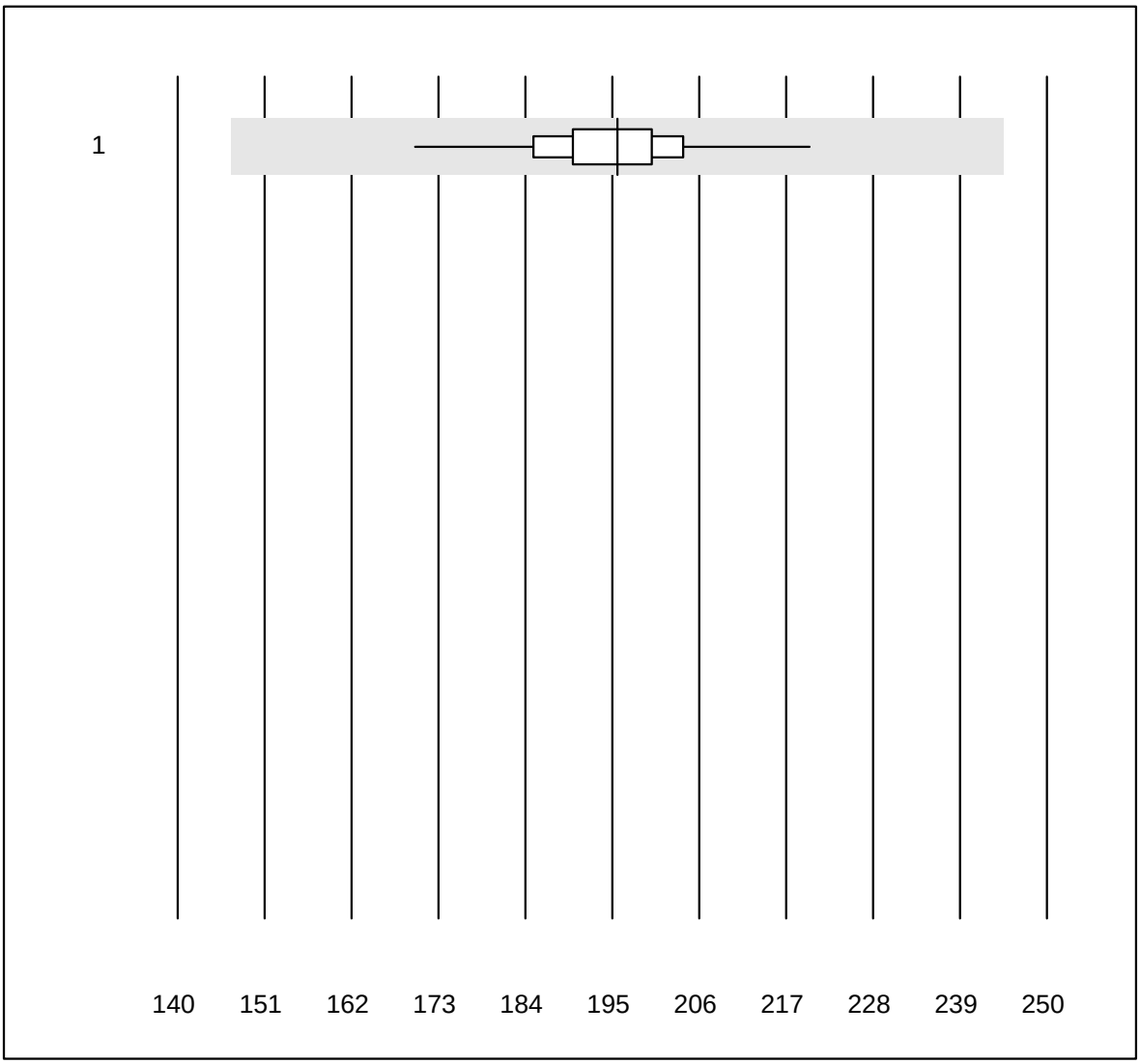
Ceruloplasmin



MQ Toleranz : 25 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Siemens	5	100.0	0.0	0.0	310.00	6.4	e
2	Alle Methoden	4	100.0	0.0	0.0	230.50	3.6	e

Präalbumin

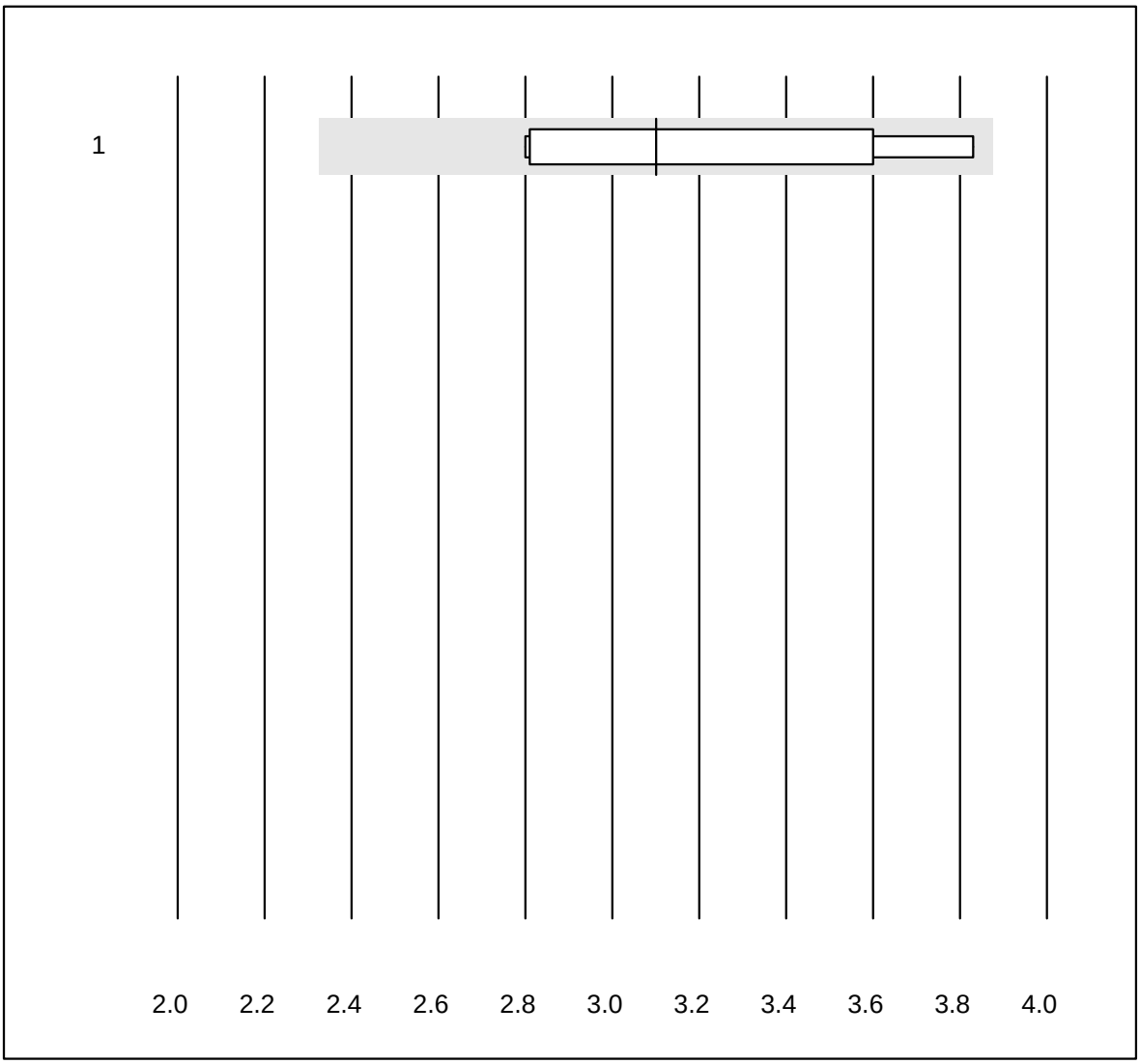


MQ Toleranz : 25 %

Präalbumin (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	15	100.0	0.0	0.0	195.6	5.5	e

Löslicher Transferrinrezeptor

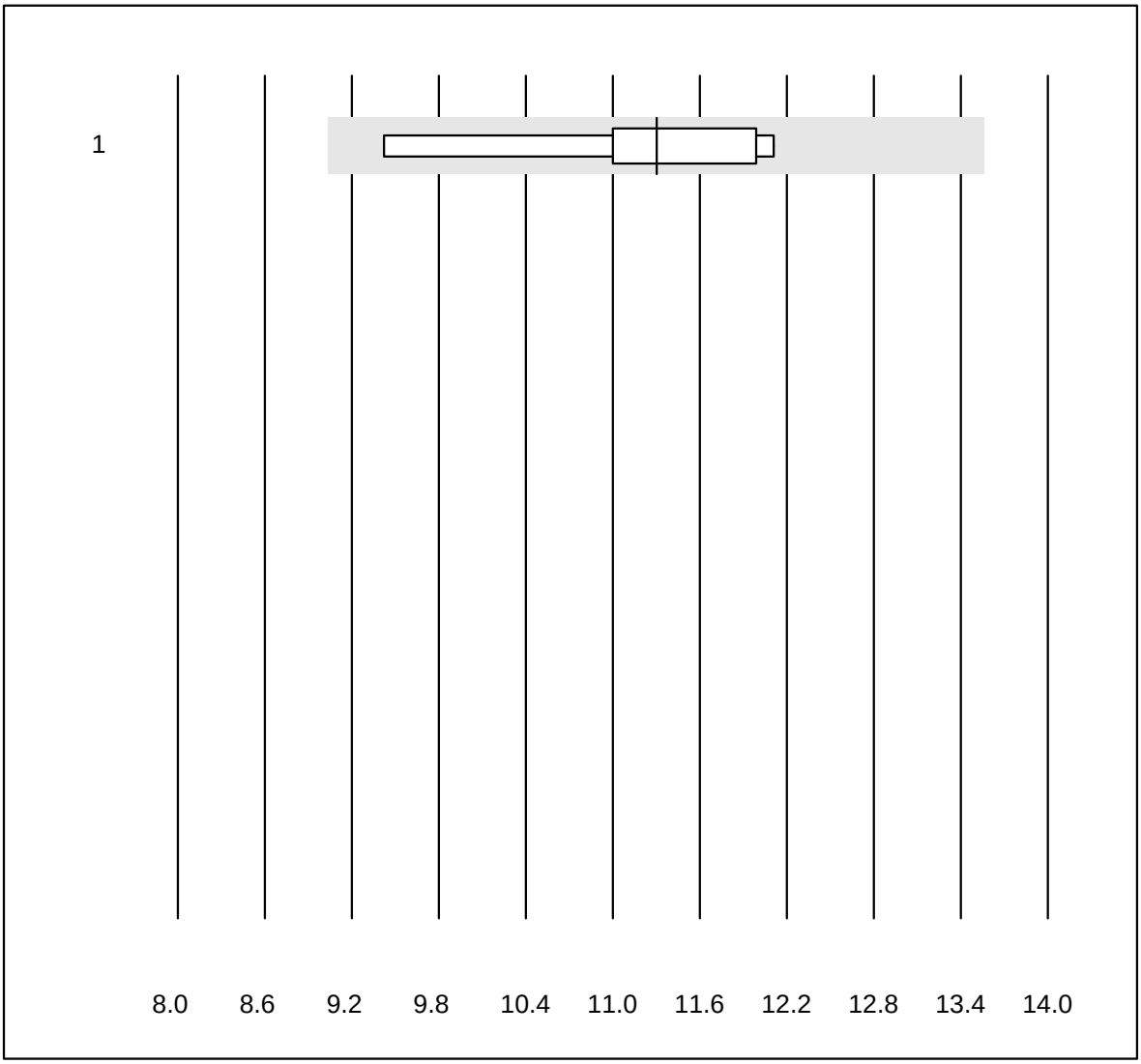


MQ Toleranz : 25 %

Löslicher Transferrinrezeptor (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	6	100.0	0.0	0.0	3.1	14.4	a

freie Leichtketten Kappa

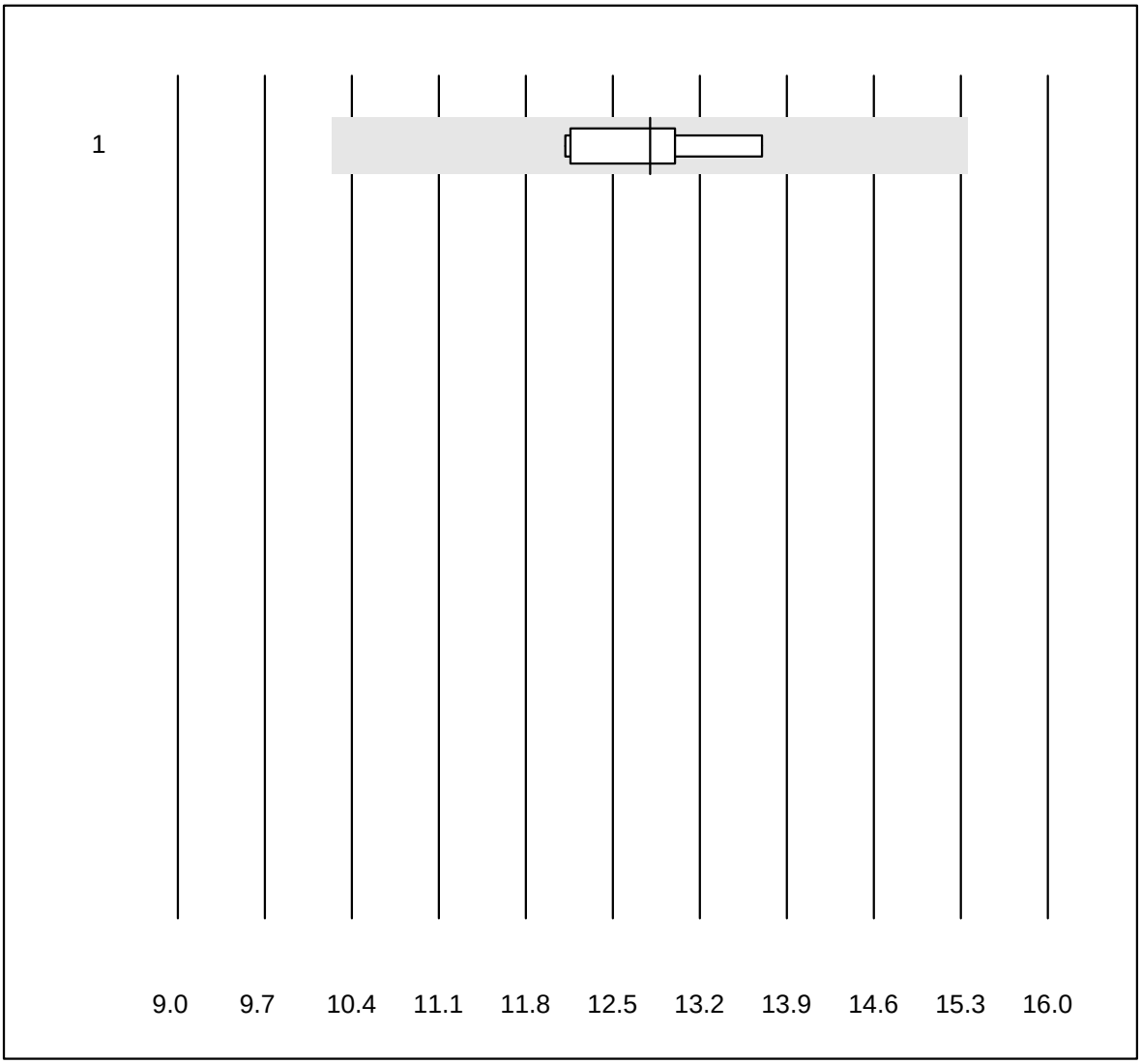


QUALAB Toleranz : 20 %

freie Leichtketten Kappa (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	8	100.0	0.0	0.0	11	7.7	e*

freie Leichtketten Lambda

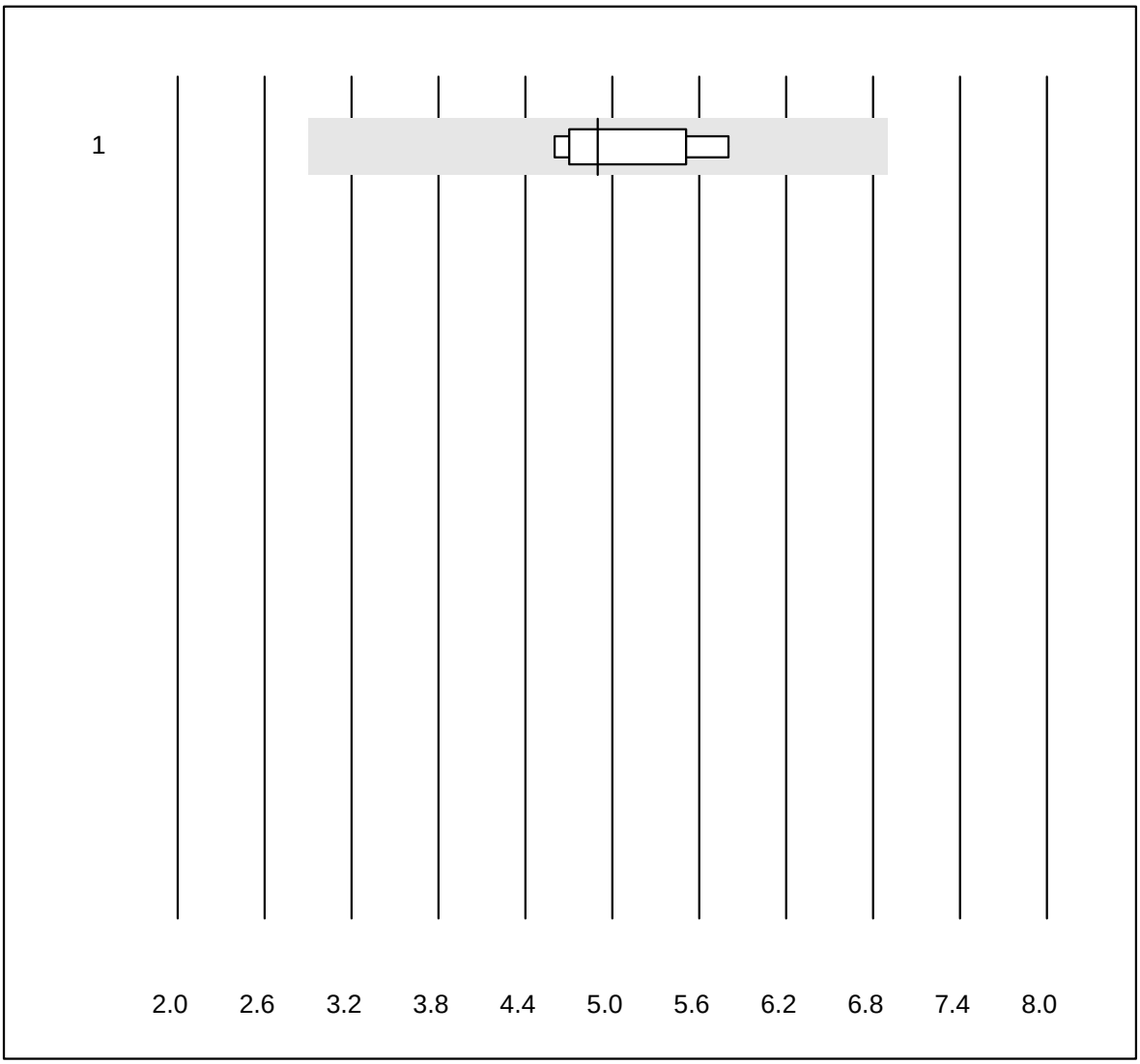


QUALAB Toleranz : 20 %

freie Leichtketten Lambda (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	8	100.0	0.0	0.0	13	4.3	e

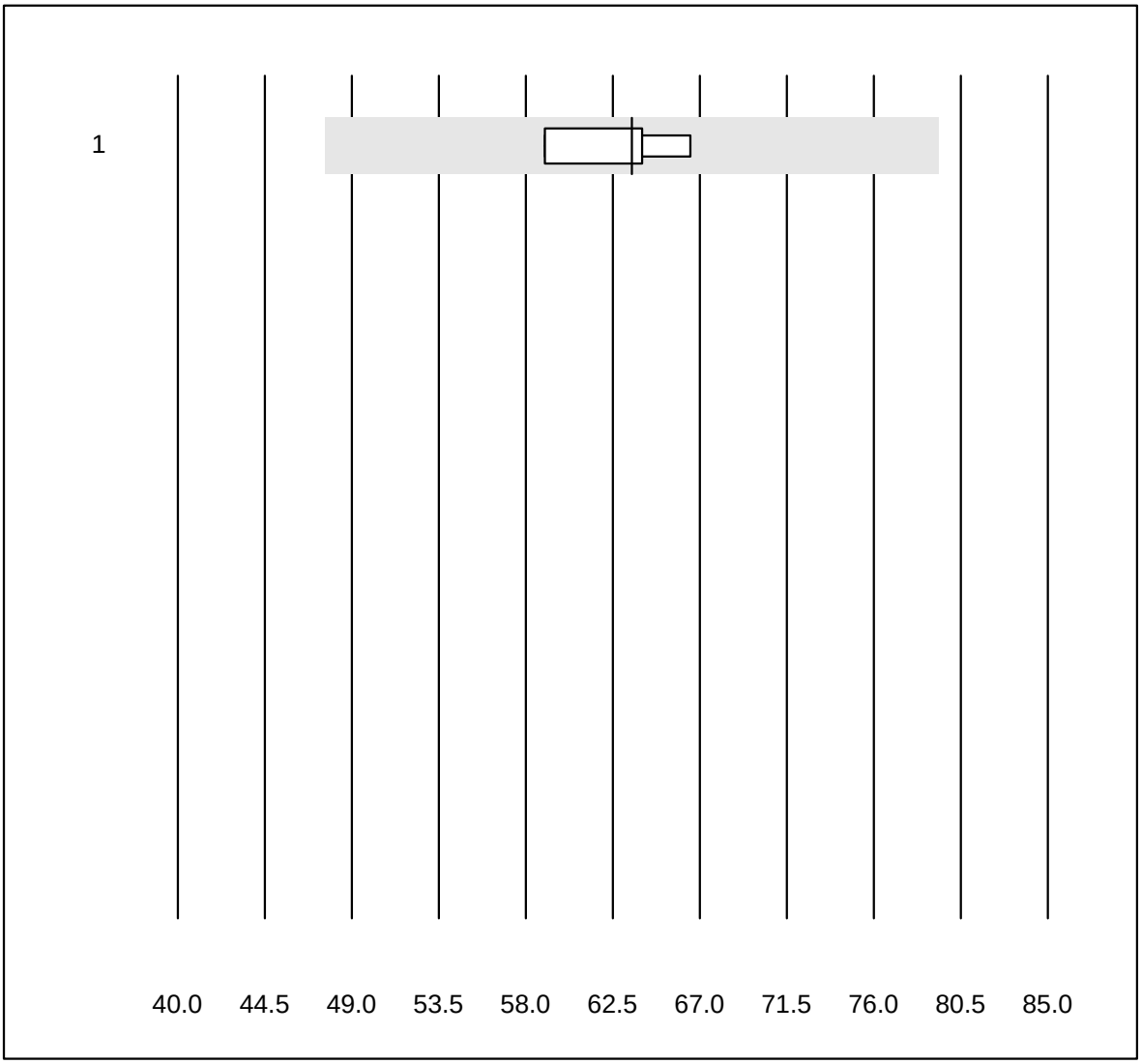
CRP HS



QUALAB Toleranz : 21 %
(< 10.00: +/- 2.00 mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Turbidimetrie	8	100.0	0.0	0.0	4.90	8.8	e*

Lipoprotein (a)

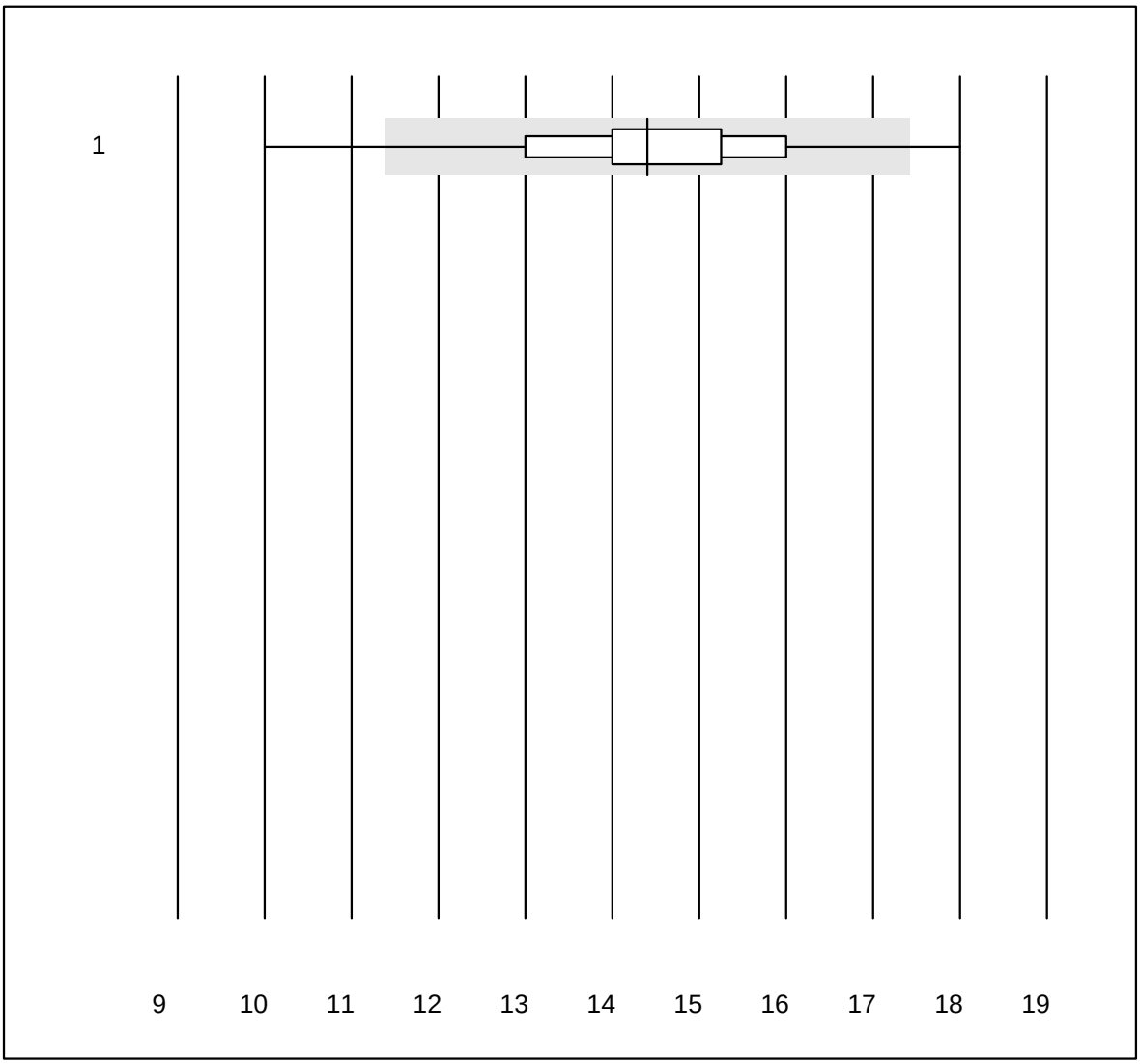


MQ Toleranz : 25 %

Lipoprotein (a) (nmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	4	100.0	0.0	0.0	64	5.0	e

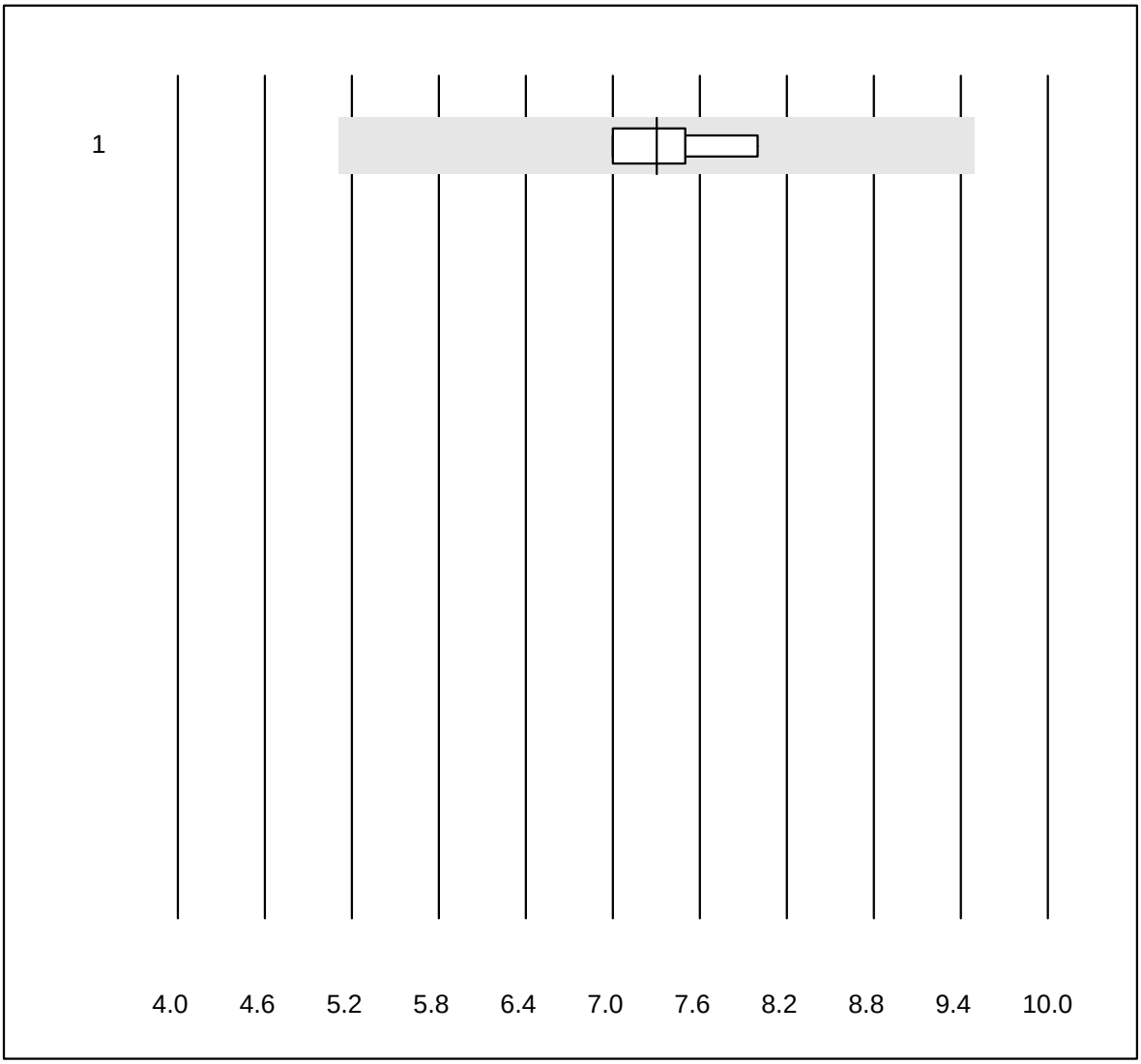
CRP



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AFIAS	131	93.8	3.1	3.1	14.4	8.9	e

Anti tTG IgA

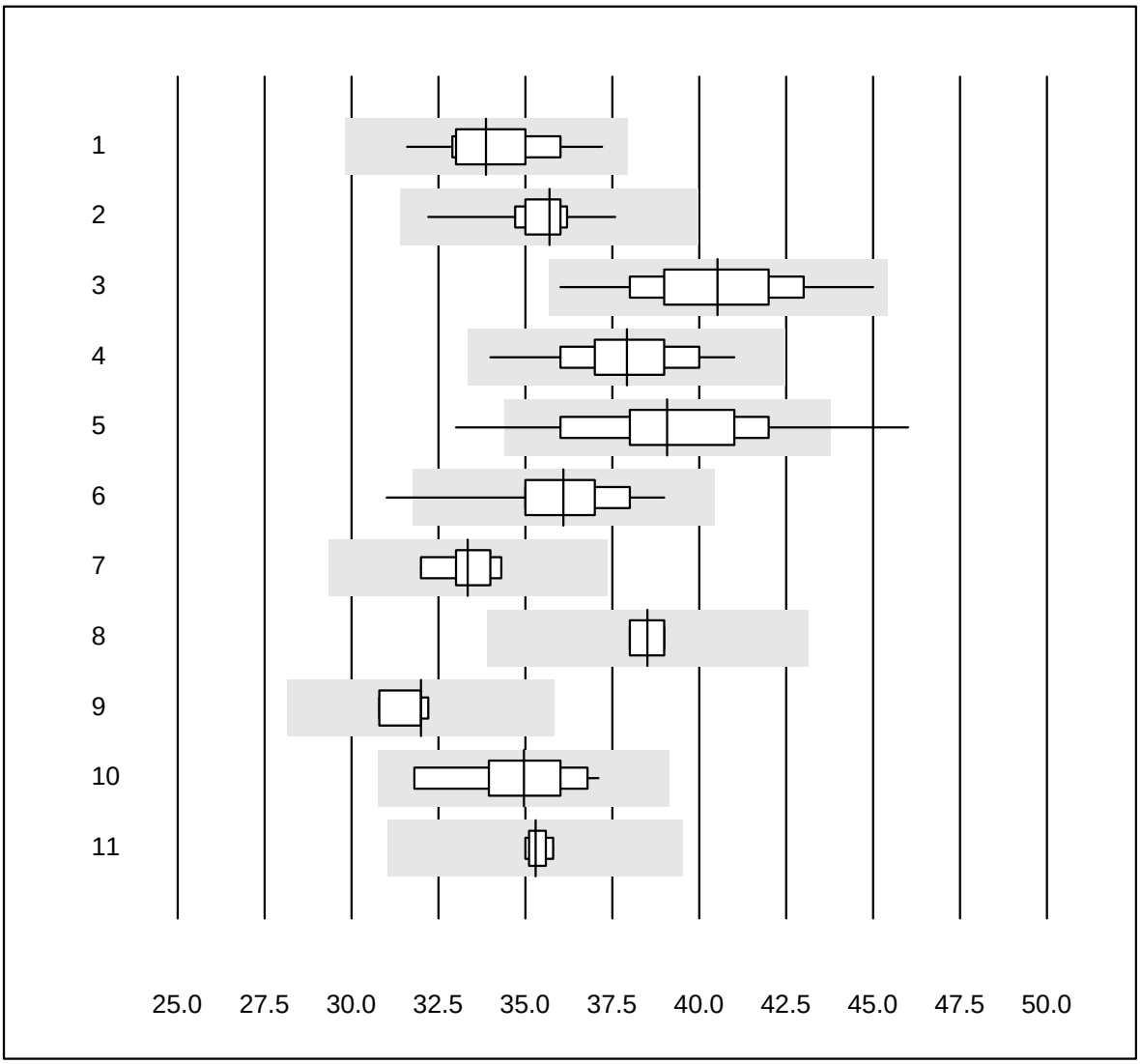


MQ Toleranz : 30 %

Anti tTG IgA (U/ml)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	andere Methoden	5	100.0	0.0	0.0	7.30	5.7	e

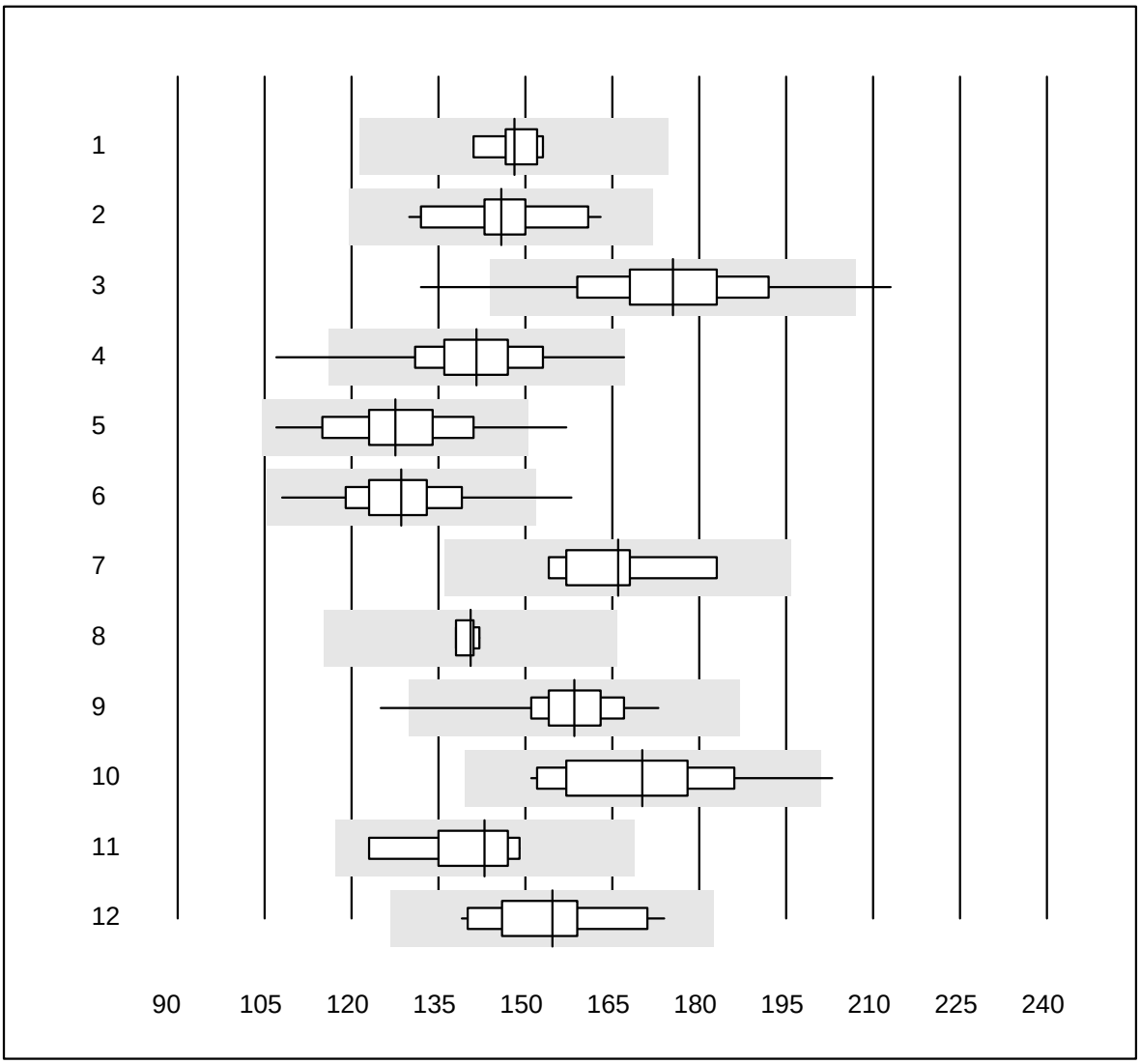
Albumin



QUALAB Toleranz : 12 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	16	100.0	0.0	0.0	34	4.2	e
2	Cobas	21	100.0	0.0	0.0	36	3.2	e
3	Fuji Dri-Chem	241	98.8	0.0	1.2	41	4.2	e
4	Spotchem SP-4430	25	100.0	0.0	0.0	38	4.8	e
5	Spotchem D-Concept	174	93.7	5.2	1.1	39	6.1	e
6	Piccolo	61	98.4	1.6	0.0	36	4.0	e
7	Beckmann	6	100.0	0.0	0.0	33	2.5	e
8	Skyla	4	100.0	0.0	0.0	39	1.5	e
9	Dimension	4	100.0	0.0	0.0	32	2.0	e
10	Selectra Pro	10	100.0	0.0	0.0	35	4.9	e*
11	Autolyser/DiaSys	8	100.0	0.0	0.0	35	0.9	e

Alkalische Phosphatase

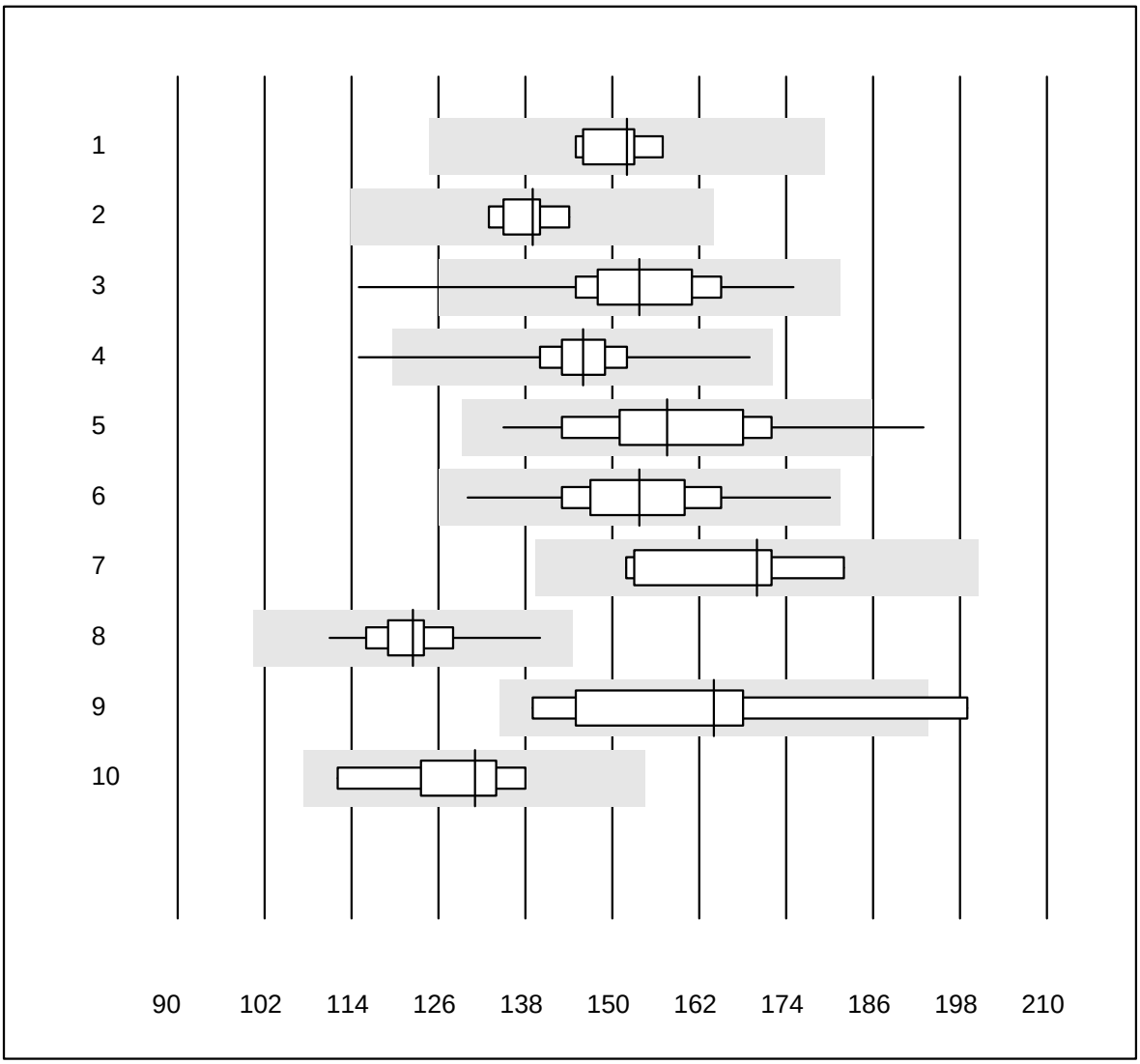


QUALAB Toleranz : 18 %

Alkalische Phosphatase (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	9	100.0	0.0	0.0	148	3.0	e
2	Cobas	22	100.0	0.0	0.0	146	6.1	e
3	Reflotron	365	96.7	1.9	1.4	175	7.3	e
4	Fuji Dri-Chem	888	99.7	0.1	0.2	142	5.9	e
5	Spotchem SP-4430	50	98.0	2.0	0.0	128	8.0	e
6	Spotchem D-Concept	350	98.8	0.3	0.9	129	5.9	e
7	Beckman	8	100.0	0.0	0.0	166	5.8	e
8	Dimension	4	100.0	0.0	0.0	141	1.2	e
9	Piccolo	52	94.3	1.9	3.8	158	5.0	e
10	Selectra Pro	15	93.3	6.7	0.0	170	8.3	e
11	Skyla	6	100.0	0.0	0.0	143	7.1	e*
12	Autolyser/DiaSys	20	100.0	0.0	0.0	155	6.8	e
13	andere Methoden	5	100.0	0.0	0.0	149	4.2	e

Amylase

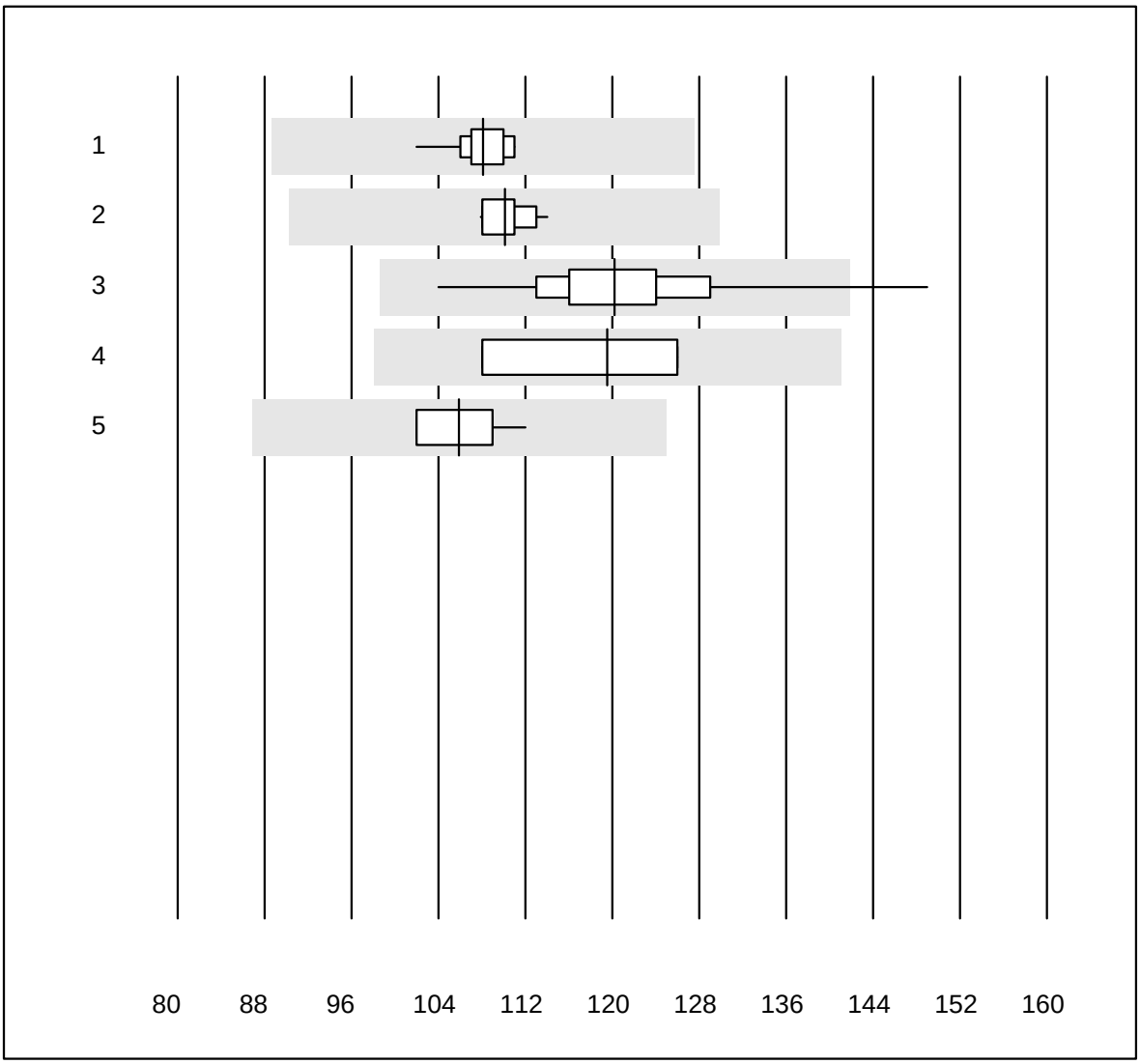


QUALAB Toleranz : 18 %

Amylase (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	7	100.0	0.0	0.0	152	2.8	e
2	Cobas	8	100.0	0.0	0.0	139	2.6	e
3	Reflotron	96	95.8	2.1	2.1	154	6.2	e
4	Fuji Dri-Chem	647	99.4	0.3	0.3	146	3.7	e
5	Spotchem SP-4430	42	97.6	2.4	0.0	158	7.8	e
6	Spotchem D-Concept	270	98.9	0.0	1.1	154	5.8	e
7	Architect	5	100.0	0.0	0.0	170	7.8	e*
8	Piccolo	53	100.0	0.0	0.0	122	4.1	e
9	Selectra Pro	7	85.7	14.3	0.0	164	12.0	e*
10	Autolyser/DiaSys	7	100.0	0.0	0.0	131	6.7	e*

Pankreasamylase

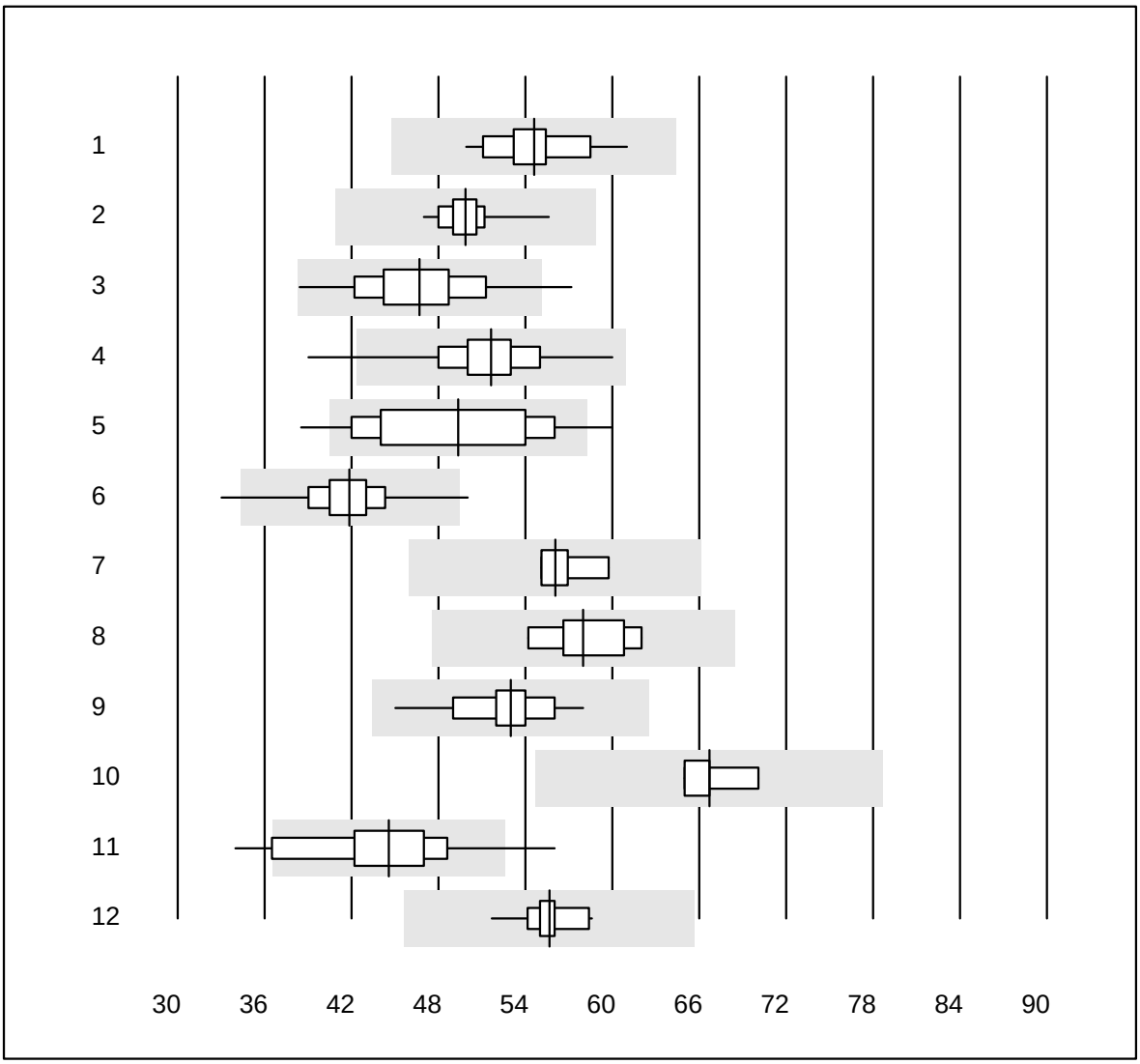


QUALAB Toleranz : 18 %

Pankreasamylase (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	11	100.0	0.0	0.0	108	2.4	e
2	Cobas	11	100.0	0.0	0.0	110	1.8	e
3	Reflotron	263	96.6	1.1	2.3	120	5.6	e
4	nassch. andere 37'C	4	75.0	0.0	25.0	120	8.0	e*
5	Autolyser/DiaSys	11	100.0	0.0	0.0	106	3.1	e

Bilirubin gesamt

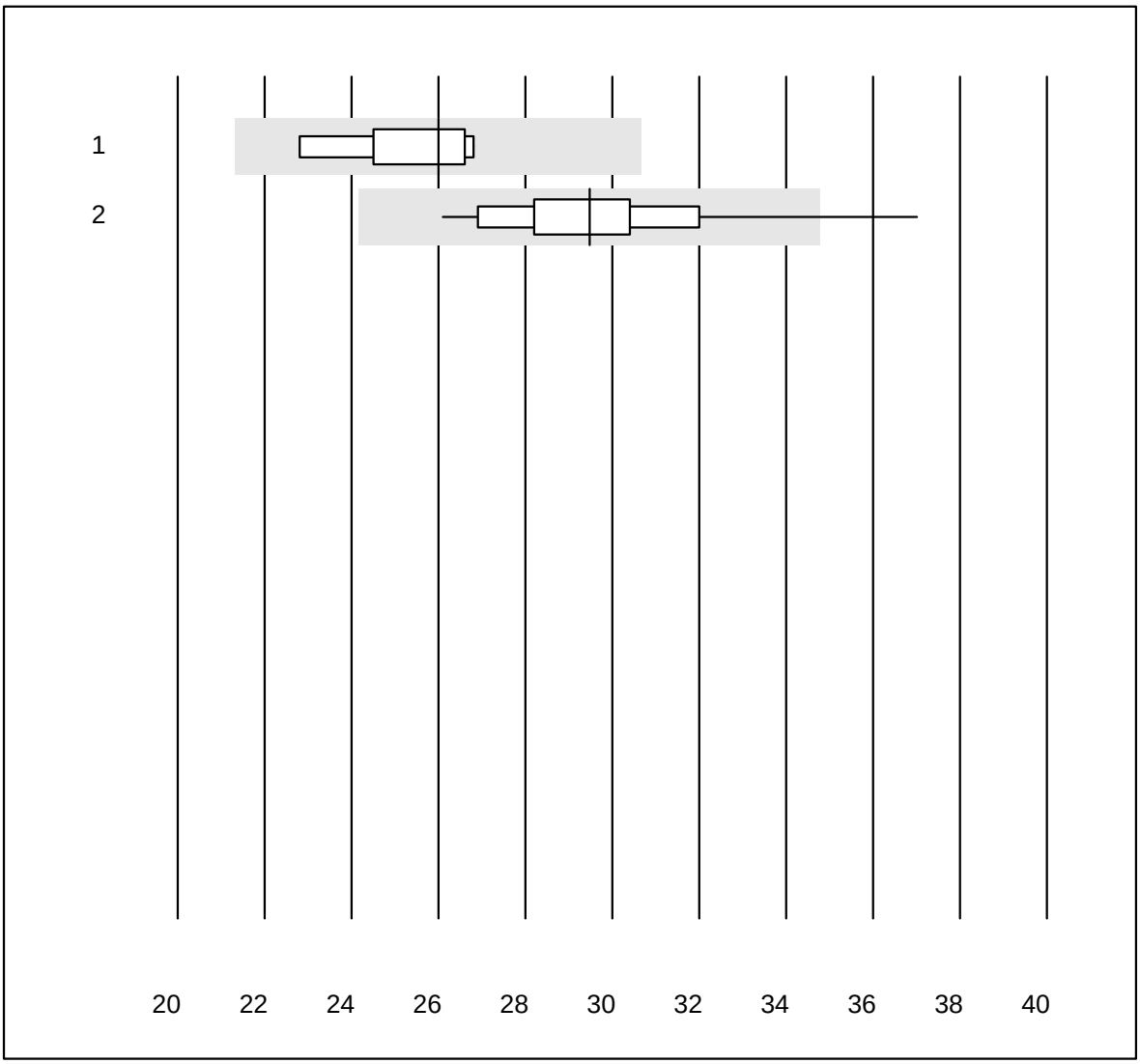


QUALAB Toleranz : 18 %

Bilirubin gesamt (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	17	94.1	0.0	5.9	54.6	5.0	e
2	Cobas	21	100.0	0.0	0.0	49.9	3.7	e
3	Reflotron	289	96.2	1.4	2.4	46.7	7.4	e
4	Fuji Dri-Chem	713	99.0	0.6	0.4	51.6	5.2	e
5	Spotchem SP-4430	51	84.3	15.7	0.0	49.4	11.6	e
6	Spotchem D-Concept	281	97.9	1.4	0.7	41.9	5.4	e
7	Dimension	4	100.0	0.0	0.0	56.1	3.8	e
8	Beckman	7	100.0	0.0	0.0	58.0	4.5	e
9	Piccolo	60	100.0	0.0	0.0	53.0	4.9	e
10	Skyla	4	100.0	0.0	0.0	66.7	3.2	e
11	Selectra Pro	16	68.7	18.8	12.5	44.6	12.0	e*
12	Autolyser/DiaSys	17	100.0	0.0	0.0	55.7	2.9	e

Bilirubin direkt

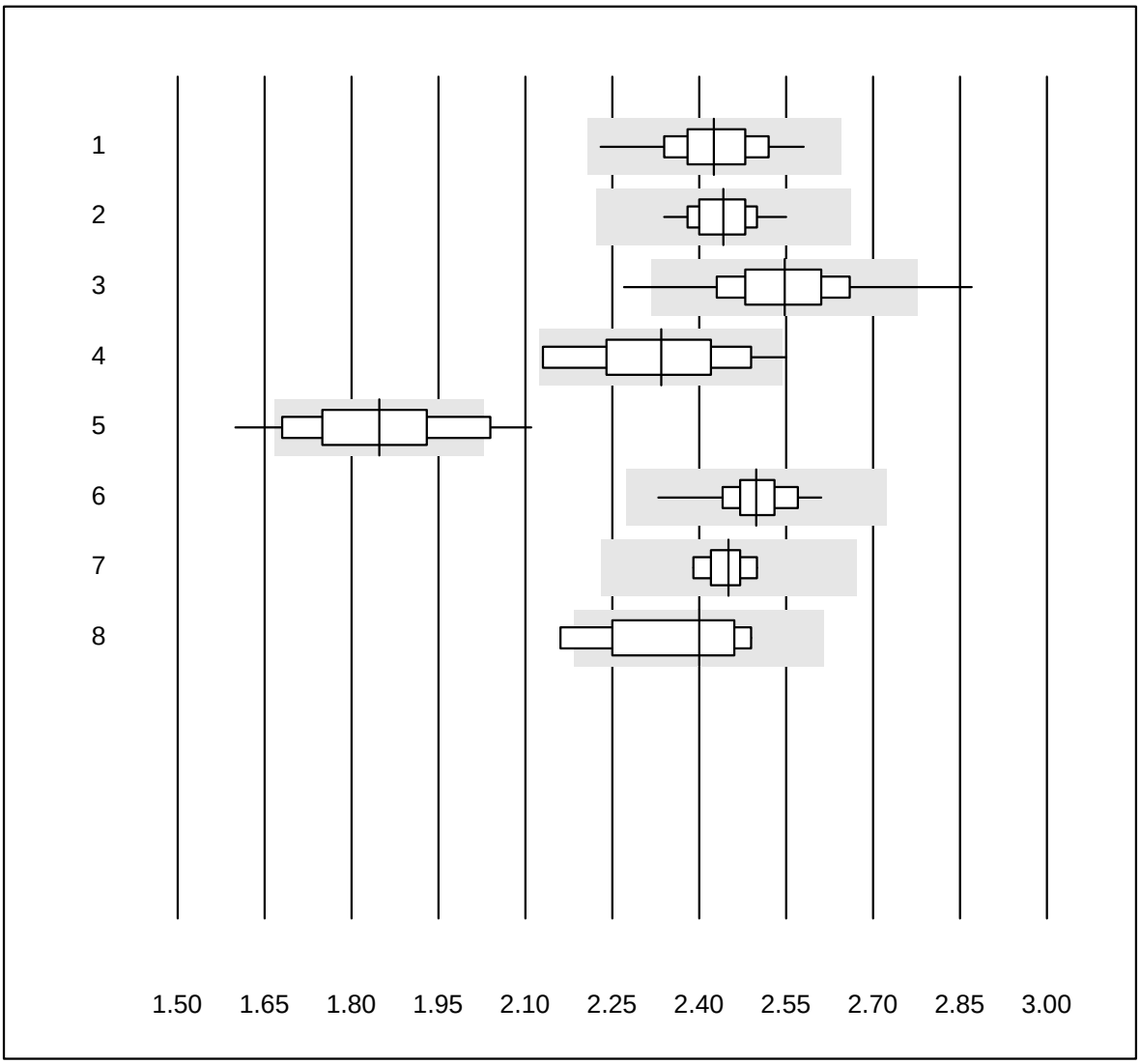


MQ Toleranz : 18 %

Bilirubin direkt (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Autolyser/DiaSys	7	100.0	0.0	0.0	26.0	5.6	e
2	Fuji Dri-Chem	29	96.6	3.4	0.0	29.5	7.2	e

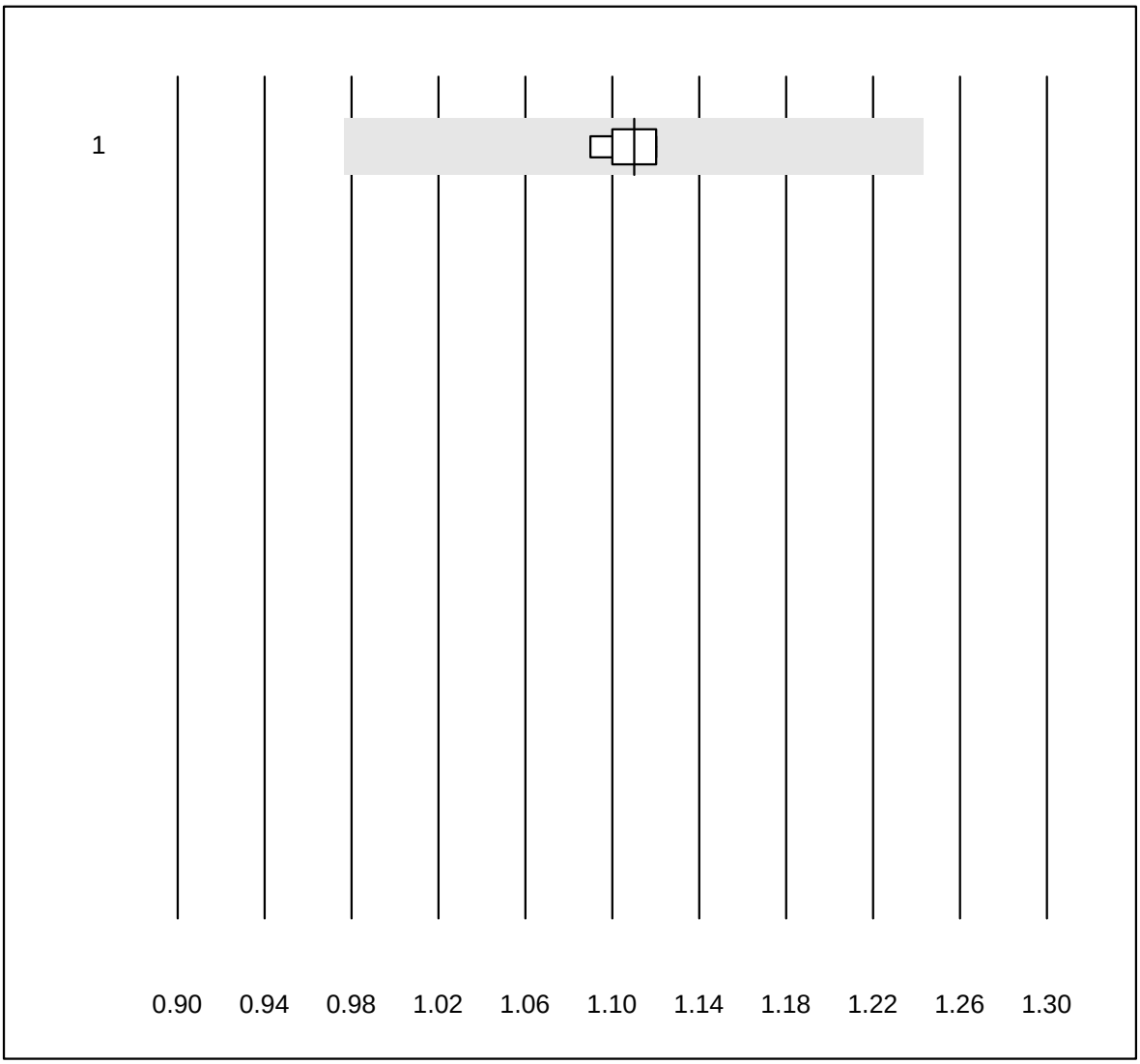
Calcium



QUALAB Toleranz : 9 %
(< 2.00: +/- 0.18 mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	26	100.0	0.0	0.0	2.43	3.1	e
2	Cobas	21	100.0	0.0	0.0	2.44	2.2	e
3	Fuji Dri-Chem	340	97.0	1.8	1.2	2.55	3.7	e
4	Spotchem SP-4430	12	75.0	8.3	16.7	2.33	5.6	e*
5	Spotchem D-Concept	78	77.0	17.9	5.1	1.85	6.9	e
6	Piccolo	54	100.0	0.0	0.0	2.50	2.2	e
7	Selectra Pro	6	100.0	0.0	0.0	2.45	1.6	e
8	Autolyser/DiaSys	9	88.9	11.1	0.0	2.40	5.1	e*

Calcium ISE

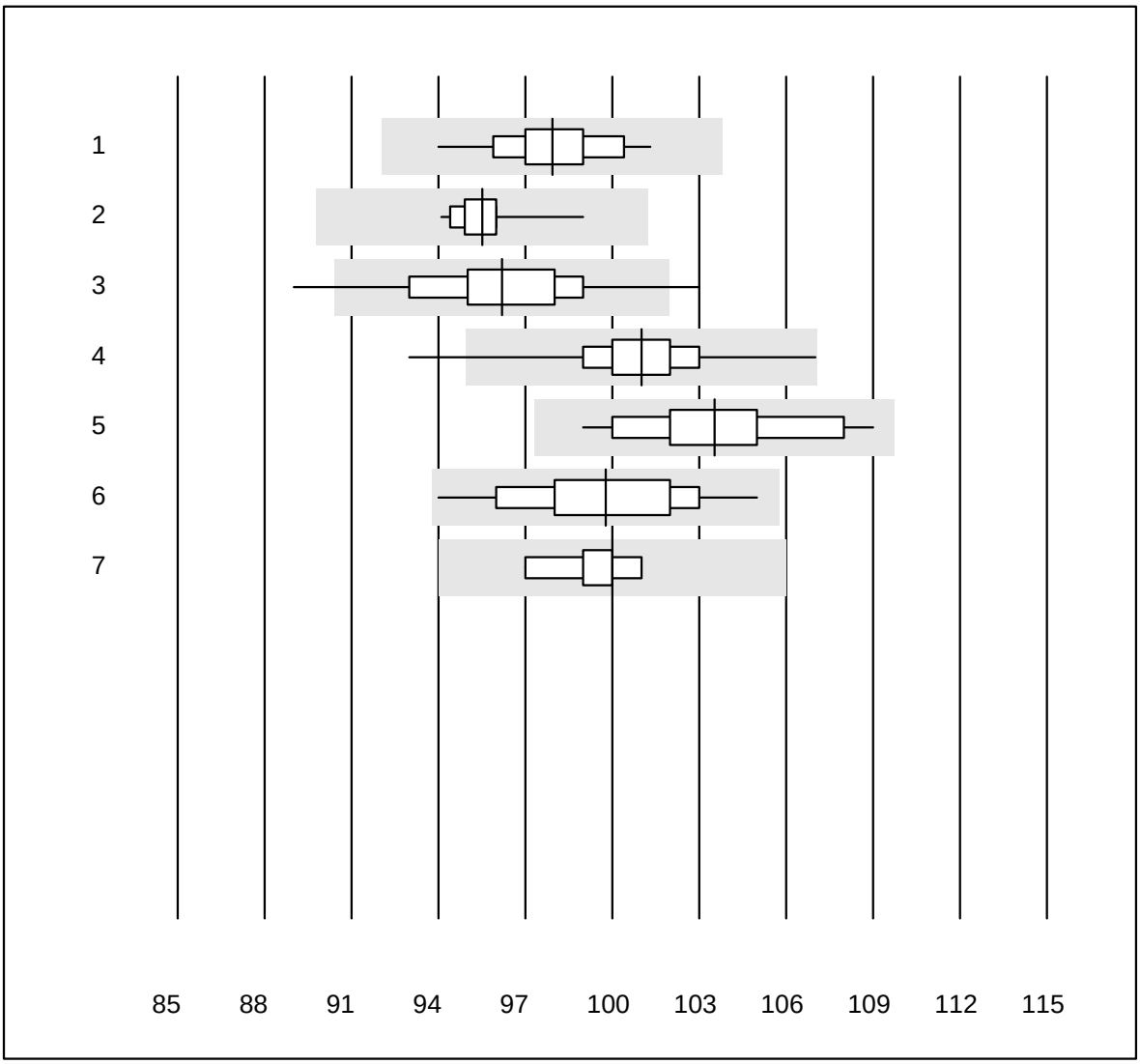


MQ Toleranz : 12 %

Calcium ISE (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat Chem8	5	100.0	0.0	0.0	1.11	1.2	e

Chlorid

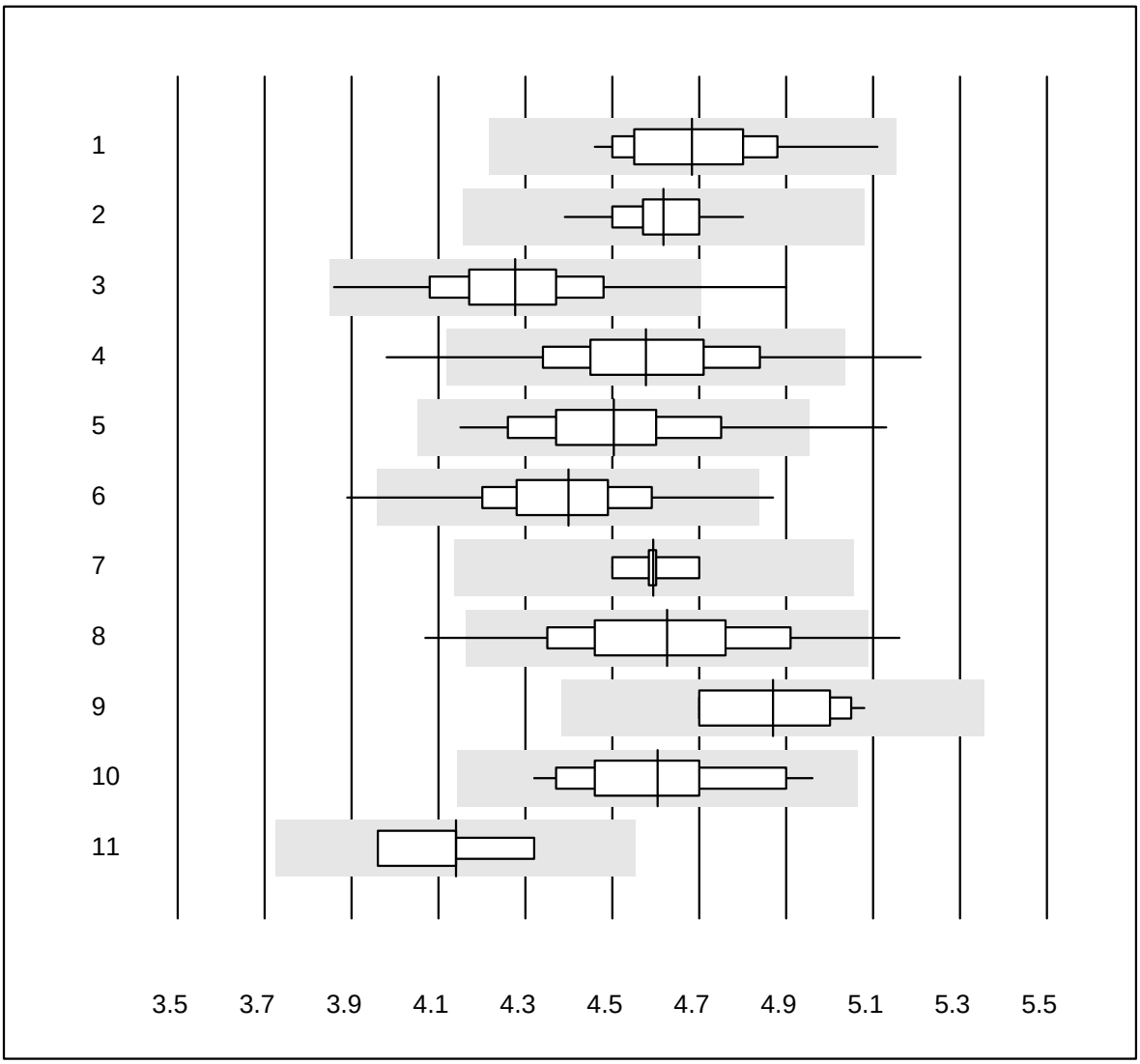


QUALAB Toleranz : 6 %

Chlorid (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	27	96.3	0.0	3.7	98	1.9	e
2	Cobas	12	100.0	0.0	0.0	96	1.3	e
3	Fuji Dri-Chem	808	96.8	2.1	1.1	96	2.3	e
4	Spotchem D-Concept	319	97.2	0.6	2.2	101	1.9	e
5	Spotchem EL-SE 1520	57	94.7	0.0	5.3	104	2.7	e
6	Piccolo	26	100.0	0.0	0.0	100	2.6	e
7	iStat Chem8	5	100.0	0.0	0.0	100	1.5	e

Cholesterin gesamt

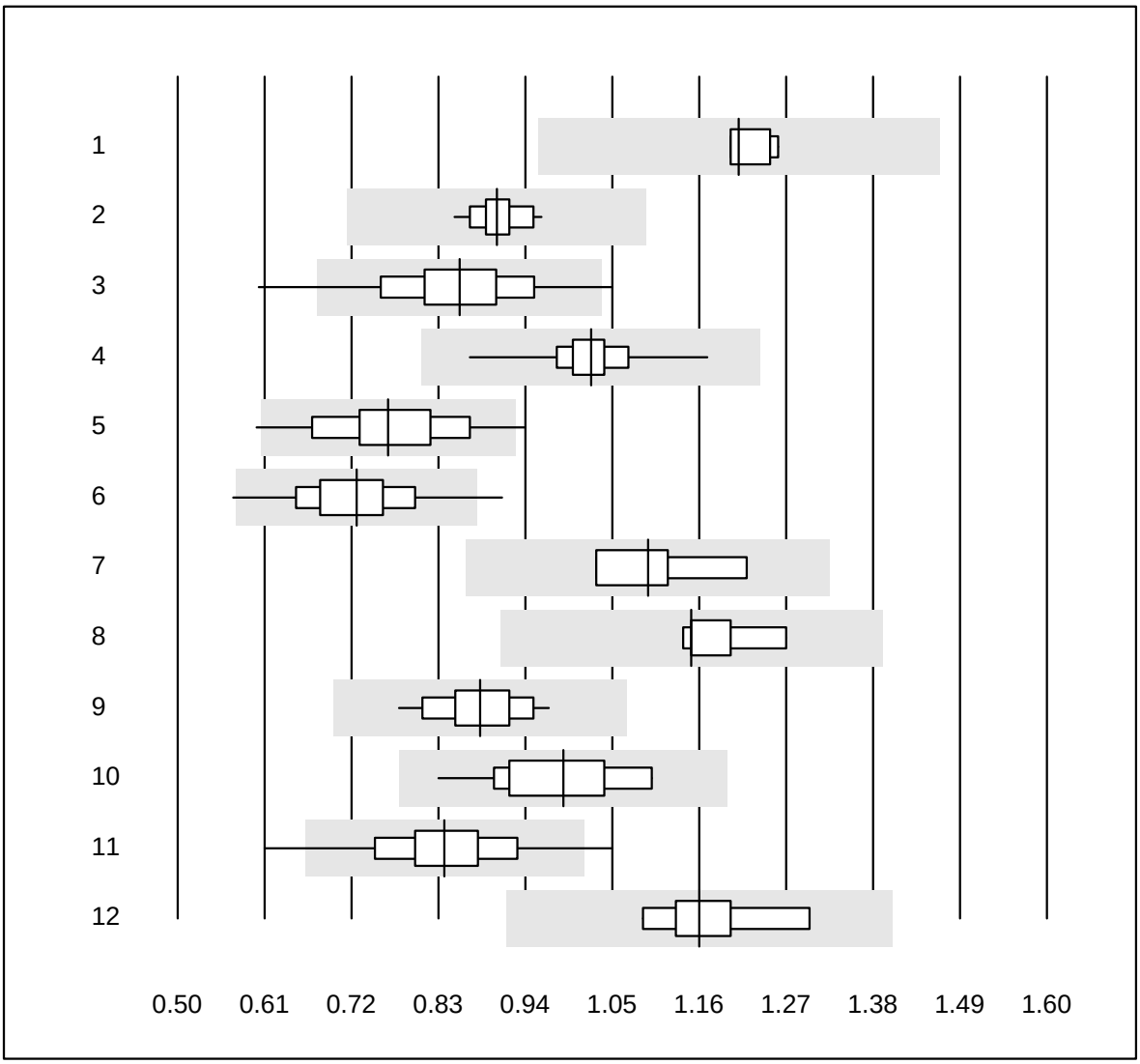


QUALAB Toleranz : 10 %

Cholesterin gesamt (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	25	100.0	0.0	0.0	4.68	3.5	e
2	Cobas	21	100.0	0.0	0.0	4.62	2.3	e
3	Reflotron	281	97.2	0.7	2.1	4.28	3.8	e
4	Fuji Dri-Chem	854	96.4	2.7	0.9	4.58	4.3	e
5	Spotchem SP-4430	70	98.6	1.4	0.0	4.50	4.2	e
6	Spotchem D-Concept	348	97.4	0.6	2.0	4.40	3.5	e
7	Piccolo	24	100.0	0.0	0.0	4.59	1.3	e
8	Cholestech LDX	308	93.5	4.2	2.3	4.63	4.7	e
9	Selectra Pro	14	78.6	0.0	21.4	4.87	3.0	e
10	Autolyser/DiaSys	20	95.0	0.0	5.0	4.60	3.7	e
11	andere Methoden	5	80.0	0.0	20.0	4.14	3.7	e*

Cholesterin HDL

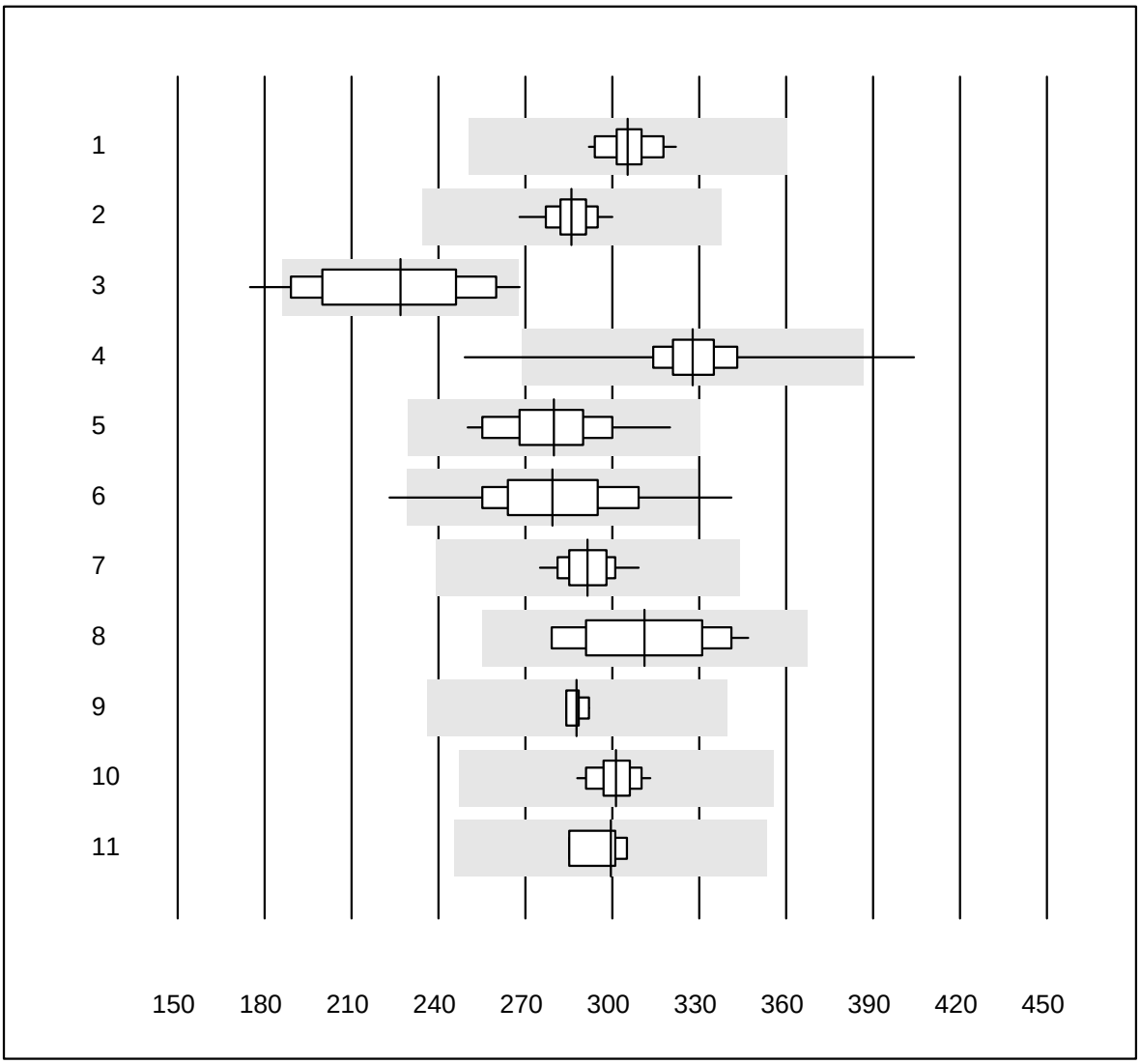


QUALAB Toleranz : 21 %

Cholesterin HDL (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Nasschemisch, direkt	7	100.0	0.0	0.0	1.21	2.1	e
2	Cobas	19	100.0	0.0	0.0	0.90	3.2	e
3	Reflotron	192	92.2	3.1	4.7	0.86	9.1	e
4	Fuji Dri-Chem	831	98.7	0.0	1.3	1.02	3.4	e
5	Spotchem SP-4430	63	92.0	4.8	3.2	0.77	9.4	e
6	Spotchem D-Concept	343	96.3	1.7	2.0	0.73	8.2	e
7	Dimension	4	100.0	0.0	0.0	1.10	7.4	e*
8	Nasschemisch, Fällun	5	100.0	0.0	0.0	1.15	4.6	e
9	Piccolo	22	100.0	0.0	0.0	0.88	5.8	e
10	Pentra/Selectra	13	100.0	0.0	0.0	0.99	8.4	e
11	Cholestech LDX	307	93.8	3.3	2.9	0.84	8.8	e
12	Architect	9	100.0	0.0	0.0	1.16	5.1	e
13	Autolyser/DiaSys	20	100.0	0.0	0.0	1.11	5.8	e

Kreatin-Kinase CK, total

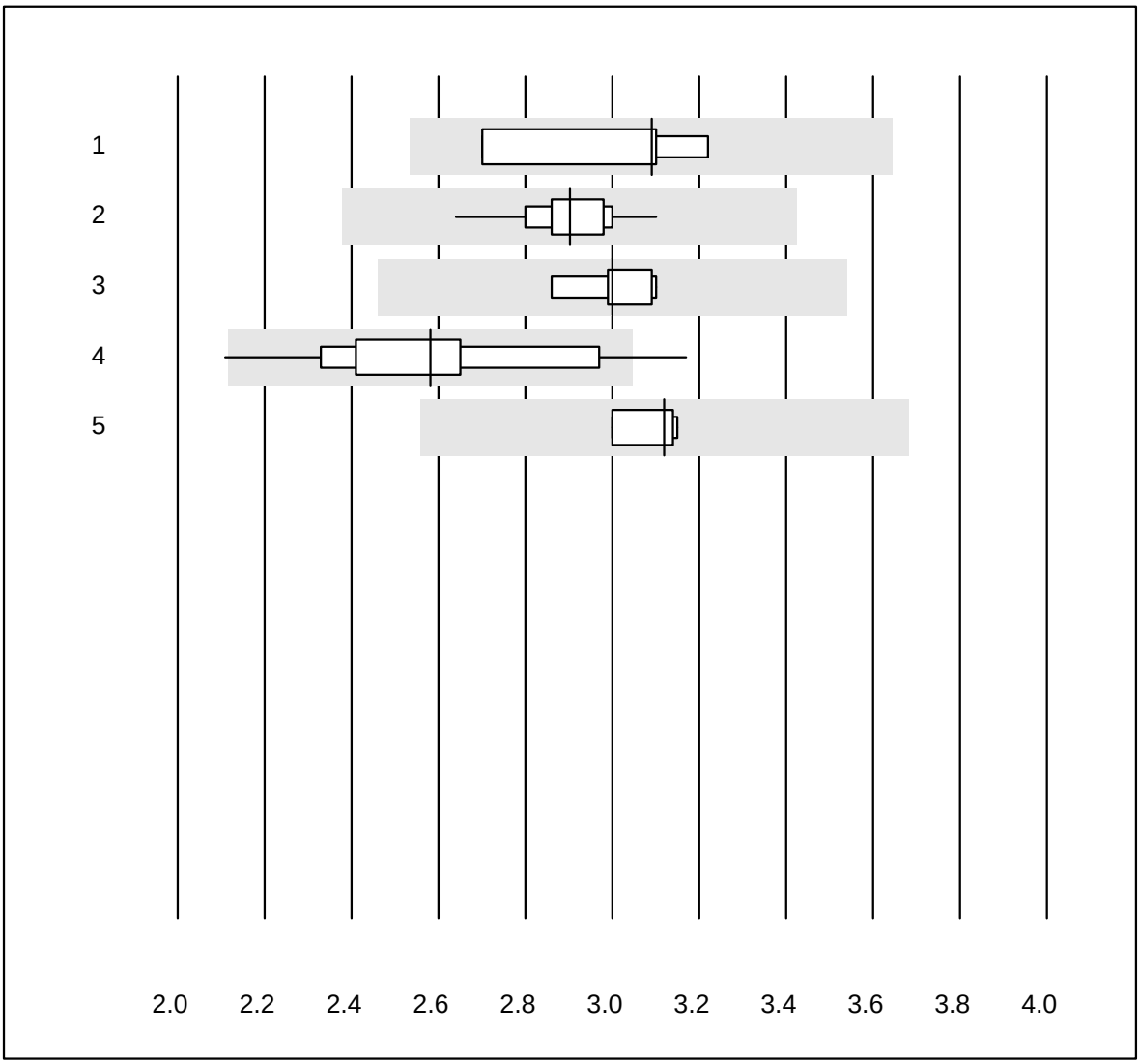


QUALAB Toleranz : 18 %

Kreatin-Kinase CK, total (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	19	100.0	0.0	0.0	305	2.3	e
2	Cobas	19	100.0	0.0	0.0	286	2.5	e
3	Reflotron	30	83.3	6.7	10.0	227	11.3	e
4	Fuji Dri-Chem	595	98.4	0.8	0.8	328	4.2	e
5	Spotchem SP-4430	30	100.0	0.0	0.0	280	6.3	e
6	Spotchem D-Concept	213	97.2	2.3	0.5	279	7.6	e
7	Piccolo	23	100.0	0.0	0.0	291	2.8	e
8	Selectra Pro	11	90.9	0.0	9.1	311	7.7	e*
9	Dimension	4	100.0	0.0	0.0	288	1.2	e
10	Autolyser/DiaSys	16	100.0	0.0	0.0	301	2.3	e
11	andere Methoden	4	100.0	0.0	0.0	300	2.9	e

LDL Cholesterin

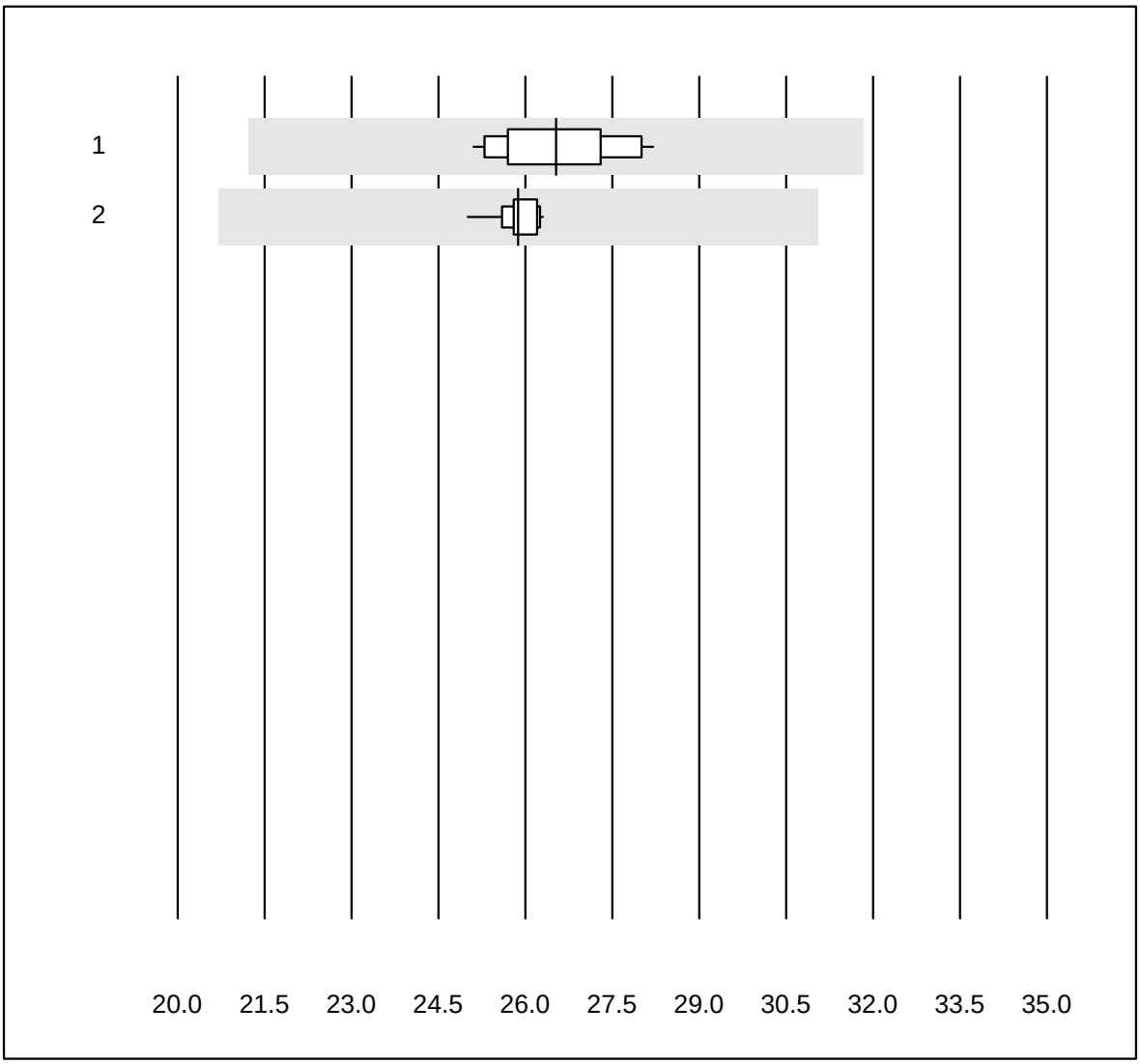


QUALAB Toleranz : 18 %

LDL Cholesterin (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Selectra	4	100.0	0.0	0.0	3.1	7.4	e*
2	nasschemisch	15	100.0	0.0	0.0	2.9	3.7	e
3	Roche, Cobas	10	100.0	0.0	0.0	3.0	2.8	e
4	Autolyser/DiaSys	13	84.6	15.4	0.0	2.6	11.1	e*
5	Beckman	4	100.0	0.0	0.0	3.1	2.2	e

Eisen

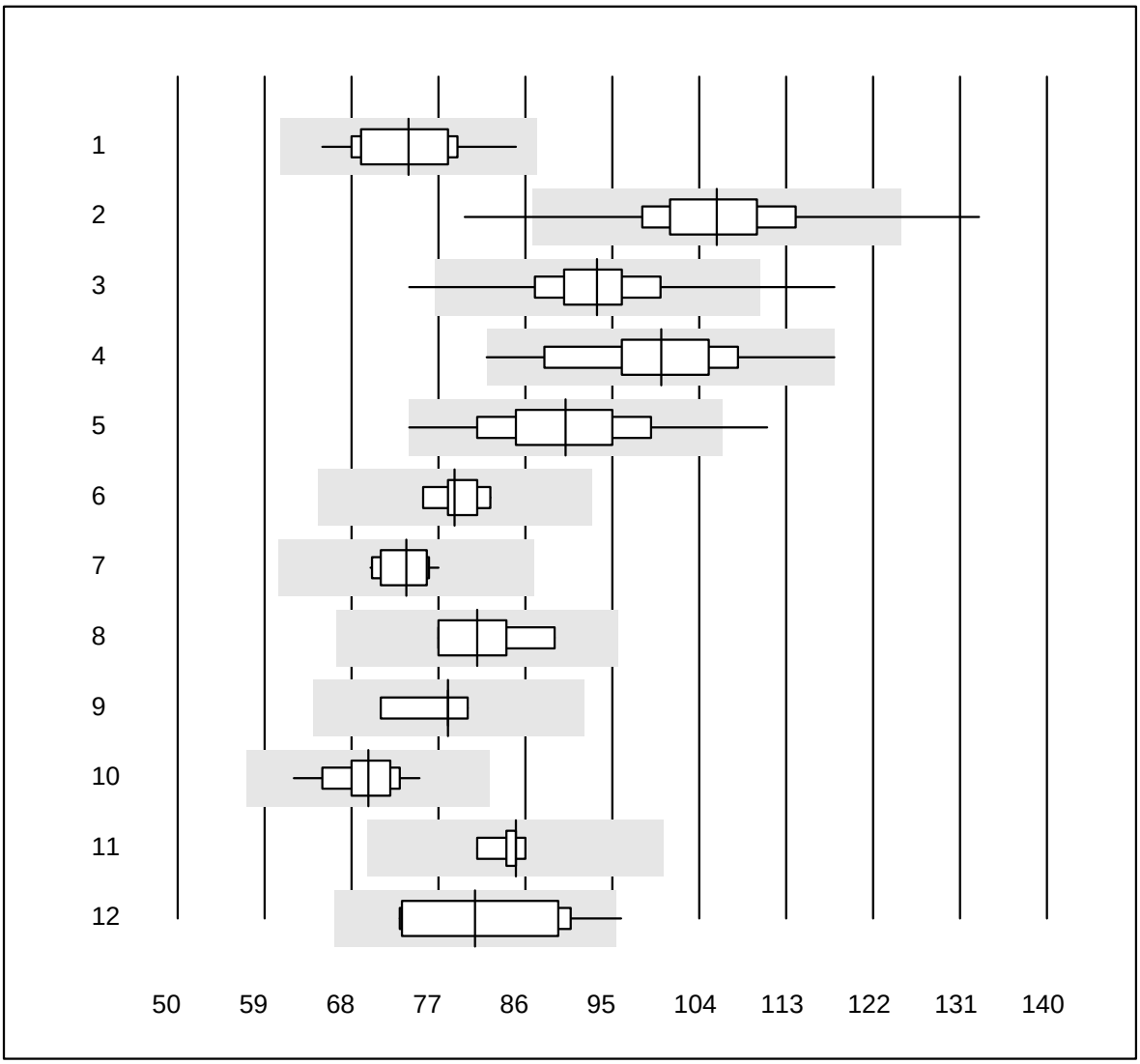


QUALAB Toleranz : 20 %

Eisen (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	15	100.0	0.0	0.0	27	3.9	e
2	Cobas	11	100.0	0.0	0.0	26	1.4	e

Gamma-GT

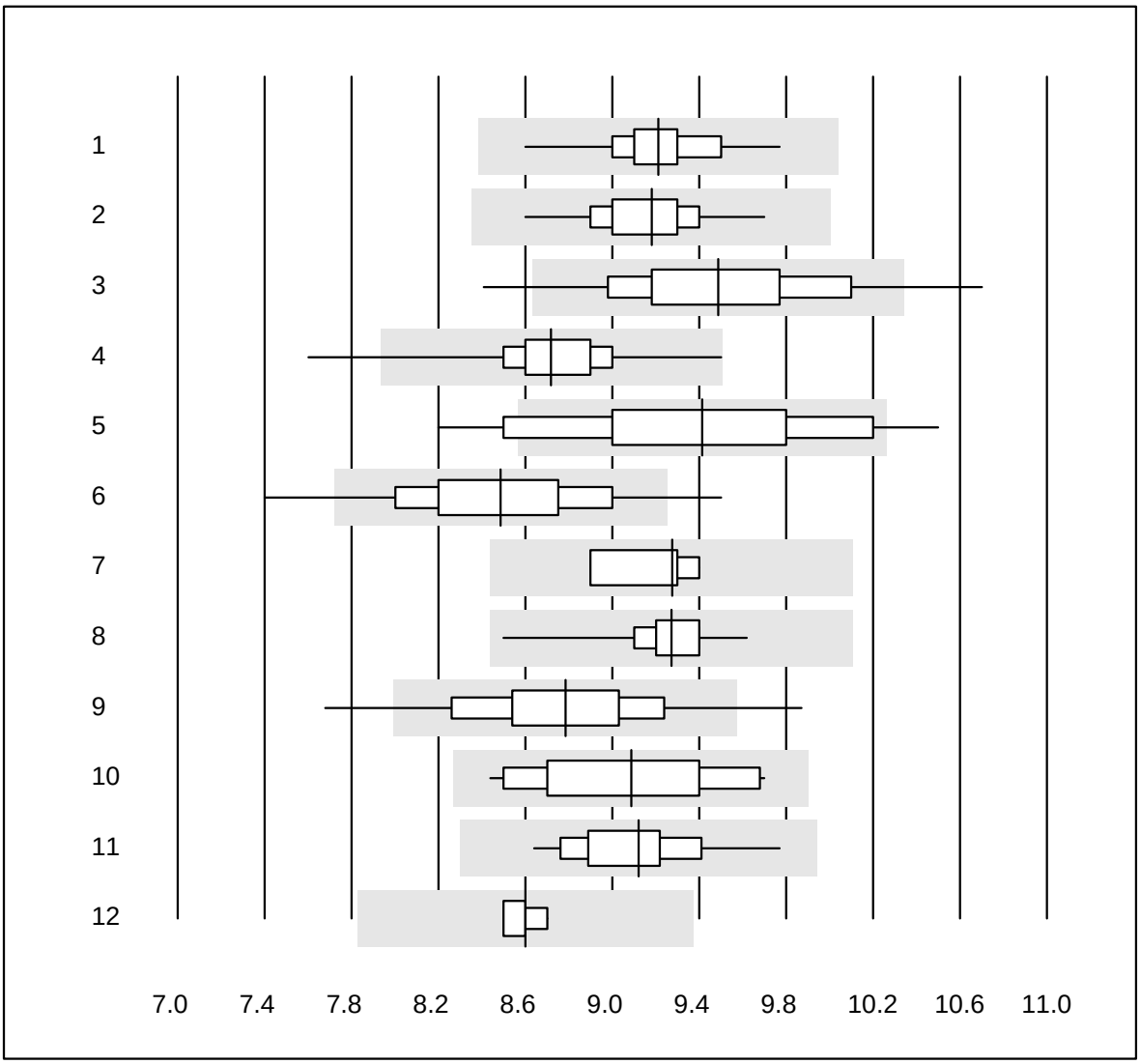


QUALAB Toleranz : 18 %

Gamma-GT (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	22	100.0	0.0	0.0	74	7.2	e
2	Reflotron	500	97.2	1.0	1.8	106	6.4	e
3	Fuji Dri-Chem	966	99.4	0.3	0.3	93	5.3	e
4	Spotchem SP-4430	80	97.5	2.5	0.0	100	7.6	e
5	Spotchem D-Concept	395	98.2	0.8	1.0	90	7.7	e
6	Selectra/Biolis	5	100.0	0.0	0.0	79	3.4	e
7	Architect	12	100.0	0.0	0.0	74	3.3	e
8	Dimension	5	100.0	0.0	0.0	81	6.2	e*
9	IFCC Beckmann	6	100.0	0.0	0.0	78	4.0	e
10	Piccolo	50	100.0	0.0	0.0	70	4.0	e
11	Skyla	5	100.0	0.0	0.0	85	2.3	e
12	Selectra Pro	10	90.0	10.0	0.0	81	10.2	e*
13	Autolyser/DiaSys	20	100.0	0.0	0.0	81	3.0	e

Glucose

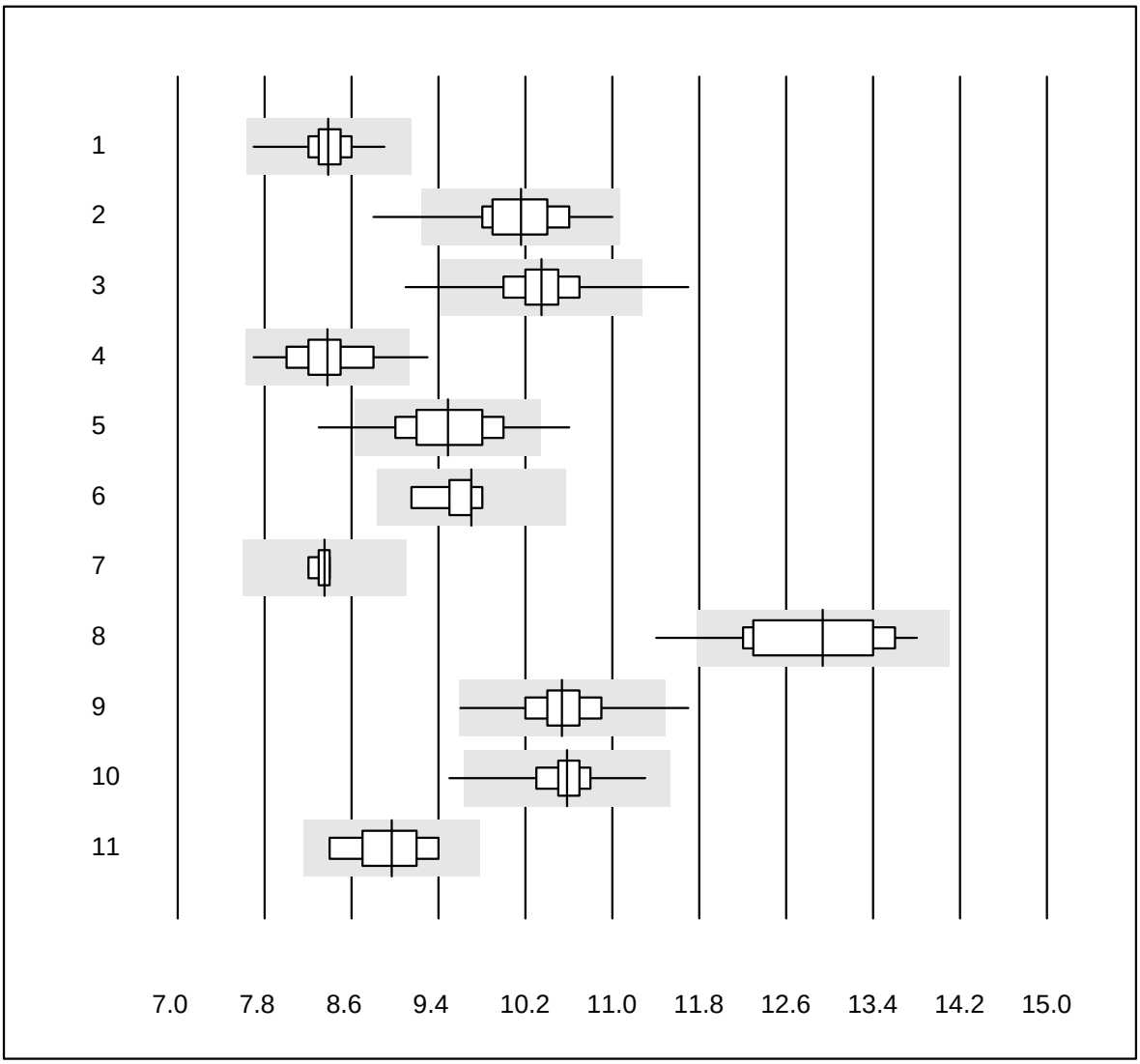


QUALAB Toleranz : 9 %

Glucose (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	27	96.3	0.0	3.7	9.2	2.6	e
2	Cobas	21	100.0	0.0	0.0	9.2	2.6	e
3	Reflotron	493	90.0	6.3	3.7	9.5	4.7	e
4	Fuji Dri-Chem	917	99.7	0.2	0.1	8.7	2.6	e
5	Spotchem SP-4430	69	81.2	14.5	4.3	9.4	6.1	e
6	Spotchem D-Concept	367	91.6	6.8	1.6	8.5	4.6	e
7	Dimension	4	100.0	0.0	0.0	9.3	2.4	e*
8	Piccolo	65	100.0	0.0	0.0	9.3	1.8	e
9	Cholestech LDX	303	94.4	4.6	1.0	8.8	4.5	e
10	Selectra Pro	15	100.0	0.0	0.0	9.1	4.4	e*
11	Autolyser/DiaSys	20	100.0	0.0	0.0	9.1	3.2	e
12	iStat Chem8	7	100.0	0.0	0.0	8.6	0.8	e

Glucose

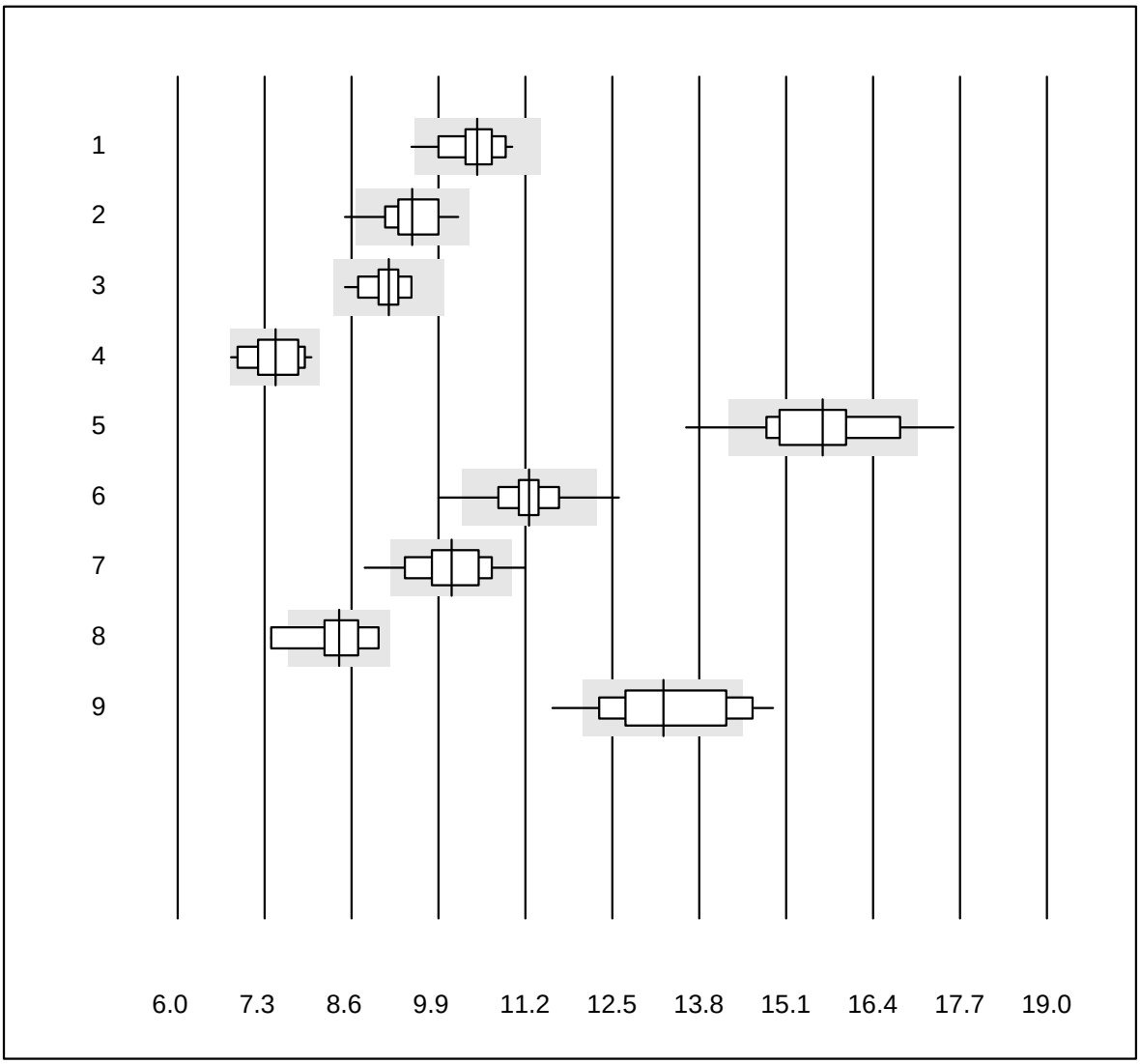


QUALAB Toleranz : 9 %

Glucose (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Accu-Chek Instant	71	100.0	0.0	0.0	8.4	2.3	e
2	Accu-Chek Aviva	254	92.1	1.2	6.7	10.2	3.4	e
3	Accu-Chek Inform 2	772	98.6	0.9	0.5	10.3	2.9	e
4	Accu-Check Guide	263	98.1	0.8	1.1	8.4	3.5	e
5	Contour XT	1348	95.2	3.1	1.7	9.5	4.2	e
6	Skyla	6	100.0	0.0	0.0	9.7	2.5	e
7	Statstrip/Xpress	6	100.0	0.0	0.0	8.4	1.0	e
8	Glucocard	11	90.9	9.1	0.0	12.9	5.5	e*
9	Hemocue 201+ P-equiv	102	98.0	1.0	1.0	10.5	2.8	e
10	Hemocue 201RT P-equi	125	96.8	0.8	2.4	10.6	2.3	e
11	Contour NEXT	11	100.0	0.0	0.0	9.0	4.0	e*

Glucose

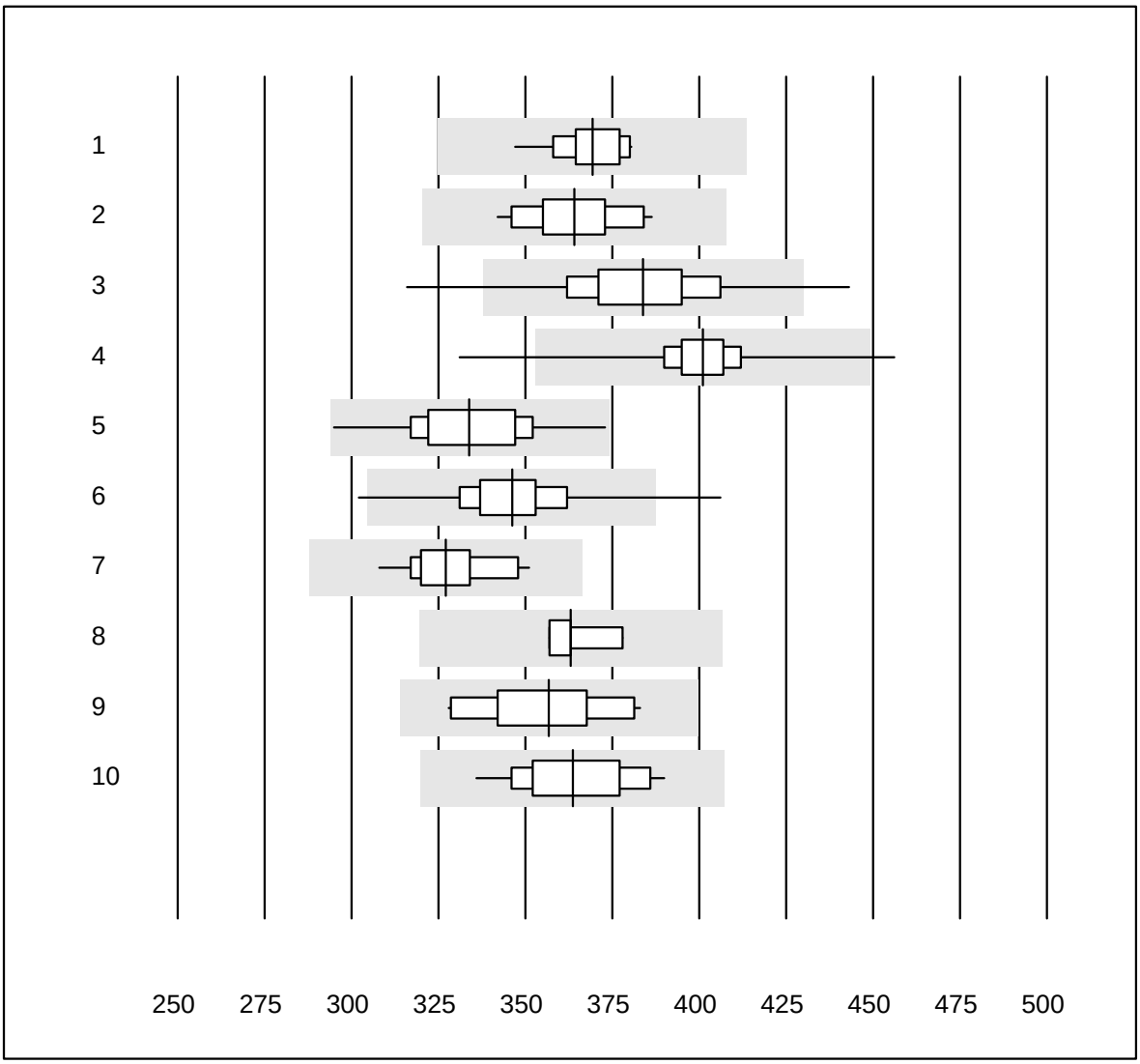


QUALAB Toleranz : 9 %

Glucose (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Hemocue 201+ (alt)	38	97.4	2.6	0.0	10.5	3.2	e
2	AccuChek Sensor	31	93.6	3.2	3.2	9.5	4.0	e
3	OneTouch Verio	25	100.0	0.0	0.0	9.2	2.9	e
4	Contour 2 (5s)	14	92.9	0.0	7.1	7.5	5.1	e*
5	Healthpro	27	85.2	11.1	3.7	15.6	5.7	e*
6	Mylife UNIO	379	97.9	1.3	0.8	11.3	3.1	e
7	mylife Pura	84	91.7	7.1	1.2	10.1	5.2	e
8	Omnitest	15	53.3	6.7	40.0	8.4	5.6	e*
9	Alpha Check	22	54.6	13.6	31.8	13.3	7.0	e*

Harnsäure

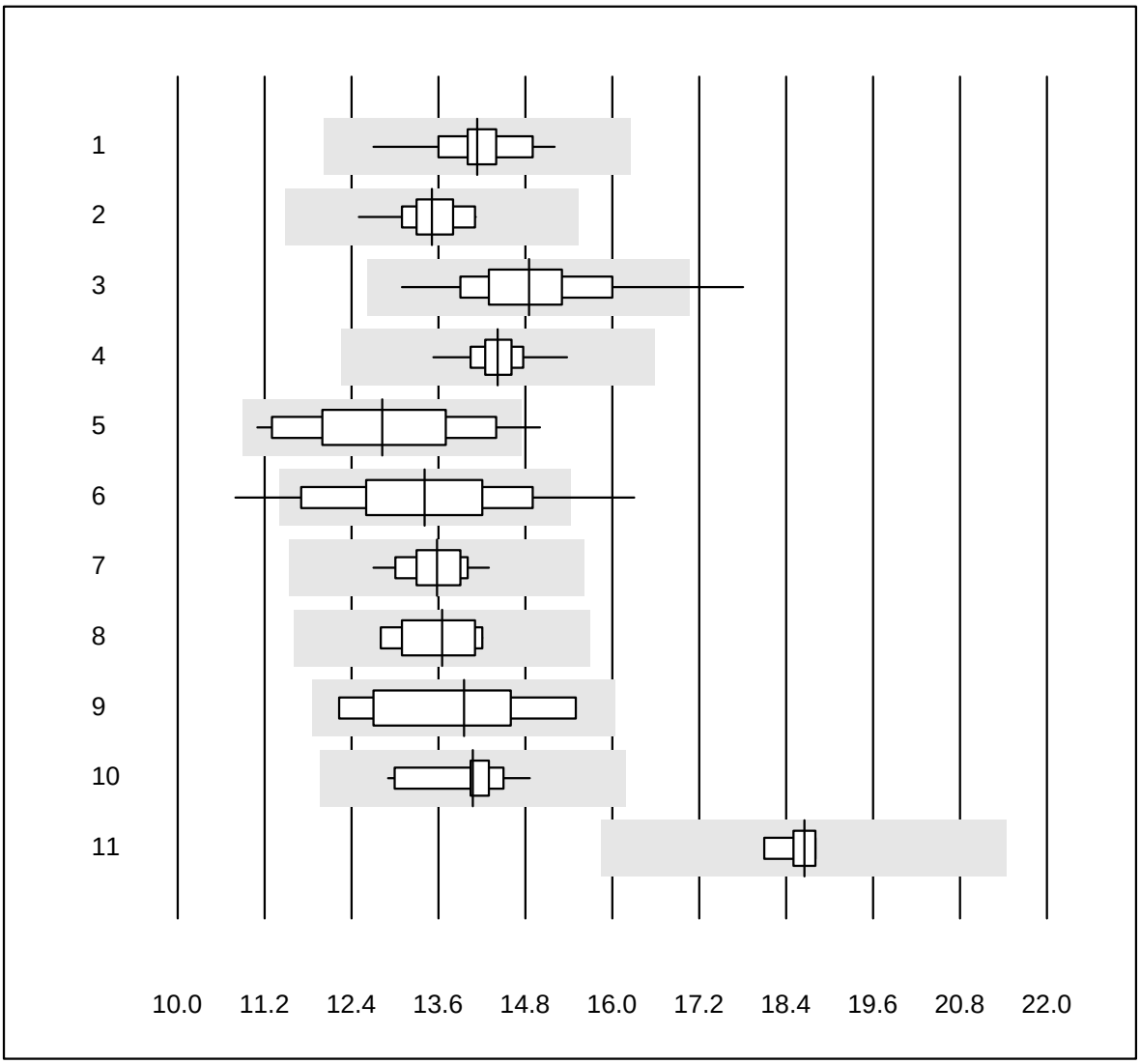


QUALAB Toleranz : 12 %

Harnsäure (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	30	96.7	0.0	3.3	369	2.4	e
2	Cobas	19	100.0	0.0	0.0	364	3.3	e
3	Reflotron	420	95.7	1.0	3.3	384	4.7	e
4	Fuji Dri-Chem	901	99.5	0.2	0.3	401	2.4	e
5	Spotchem SP-4430	61	98.4	0.0	1.6	334	4.9	e
6	Spotchem D-Concept	368	97.3	1.9	0.8	346	4.1	e
7	Piccolo	32	96.9	0.0	3.1	327	3.4	e
8	Skyla	5	80.0	0.0	20.0	363	2.5	e
9	Selectra Pro	14	100.0	0.0	0.0	357	5.1	e
10	Autolyser/DiaSys	19	100.0	0.0	0.0	364	4.1	e

Harnstoff

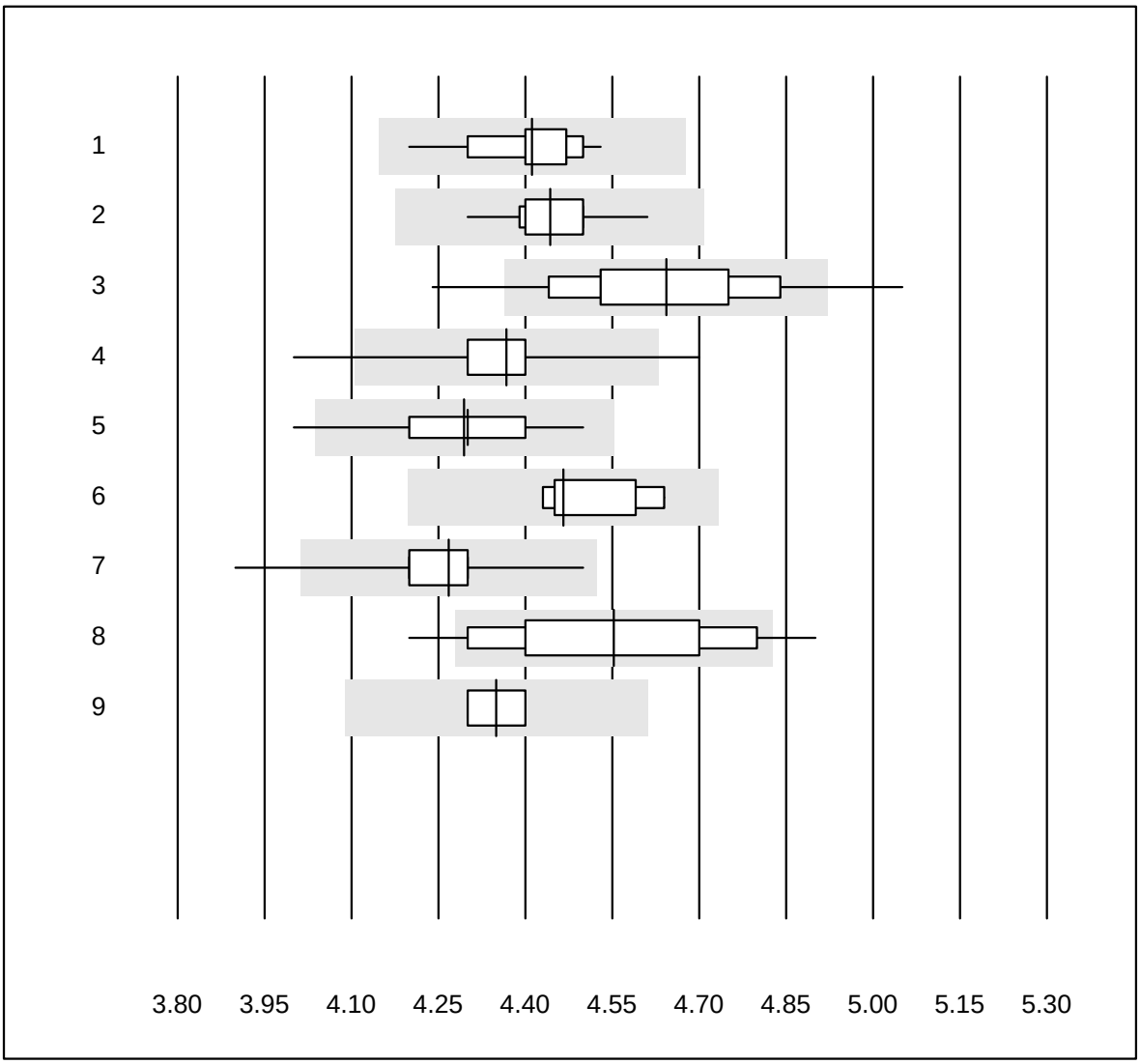


QUALAB Toleranz : 15 %

Harnstoff (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	27	100.0	0.0	0.0	14.1	3.5	e
2	Cobas	19	100.0	0.0	0.0	13.5	2.9	e
3	Reflotron	202	95.5	2.5	2.0	14.8	5.8	e
4	Fuji Dri-Chem	551	99.5	0.0	0.5	14.4	2.0	e
5	Spotchem SP-4430	41	92.7	4.9	2.4	12.8	8.6	e
6	Spotchem D-Concept	221	88.3	9.0	2.7	13.4	9.0	e
7	Piccolo	59	96.6	0.0	3.4	13.6	2.9	e
8	Skyla	6	100.0	0.0	0.0	13.7	4.0	e
9	Selectra Pro	8	100.0	0.0	0.0	14.0	8.1	e*
10	Autolyser/DiaSys	14	100.0	0.0	0.0	14.1	3.8	e
11	iStat Chem8	6	83.3	0.0	16.7	18.7	1.6	e

Kalium

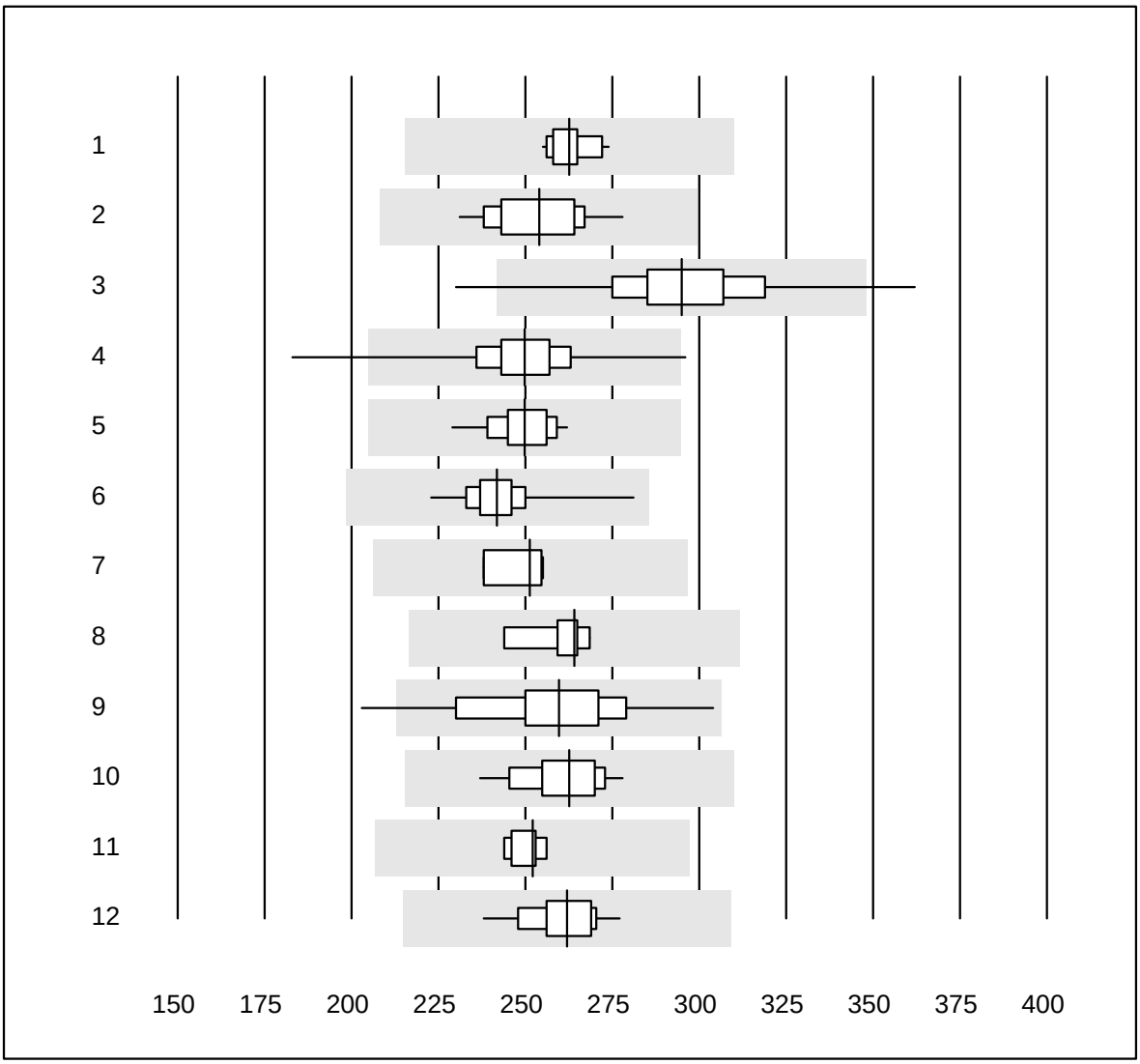


QUALAB Toleranz : 6 %

Kalium (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	39	100.0	0.0	0.0	4.41	1.8	e
2	Cobas	20	100.0	0.0	0.0	4.44	1.5	e
3	Reflotron	437	85.8	9.2	5.0	4.64	3.4	e
4	Fuji Dri-Chem	953	96.0	3.1	0.9	4.37	2.0	e
5	Spotchem D-Concept	372	97.6	0.8	1.6	4.29	1.8	e
6	Autolyser/DiaSys	6	83.3	0.0	16.7	4.47	2.0	e*
7	Spotchem EL-SE 1520	63	95.2	3.2	1.6	4.27	2.3	e
8	Piccolo	44	79.5	11.4	9.1	4.55	4.2	e
9	iStat Chem8	8	100.0	0.0	0.0	4.35	1.2	e

Kreatinin

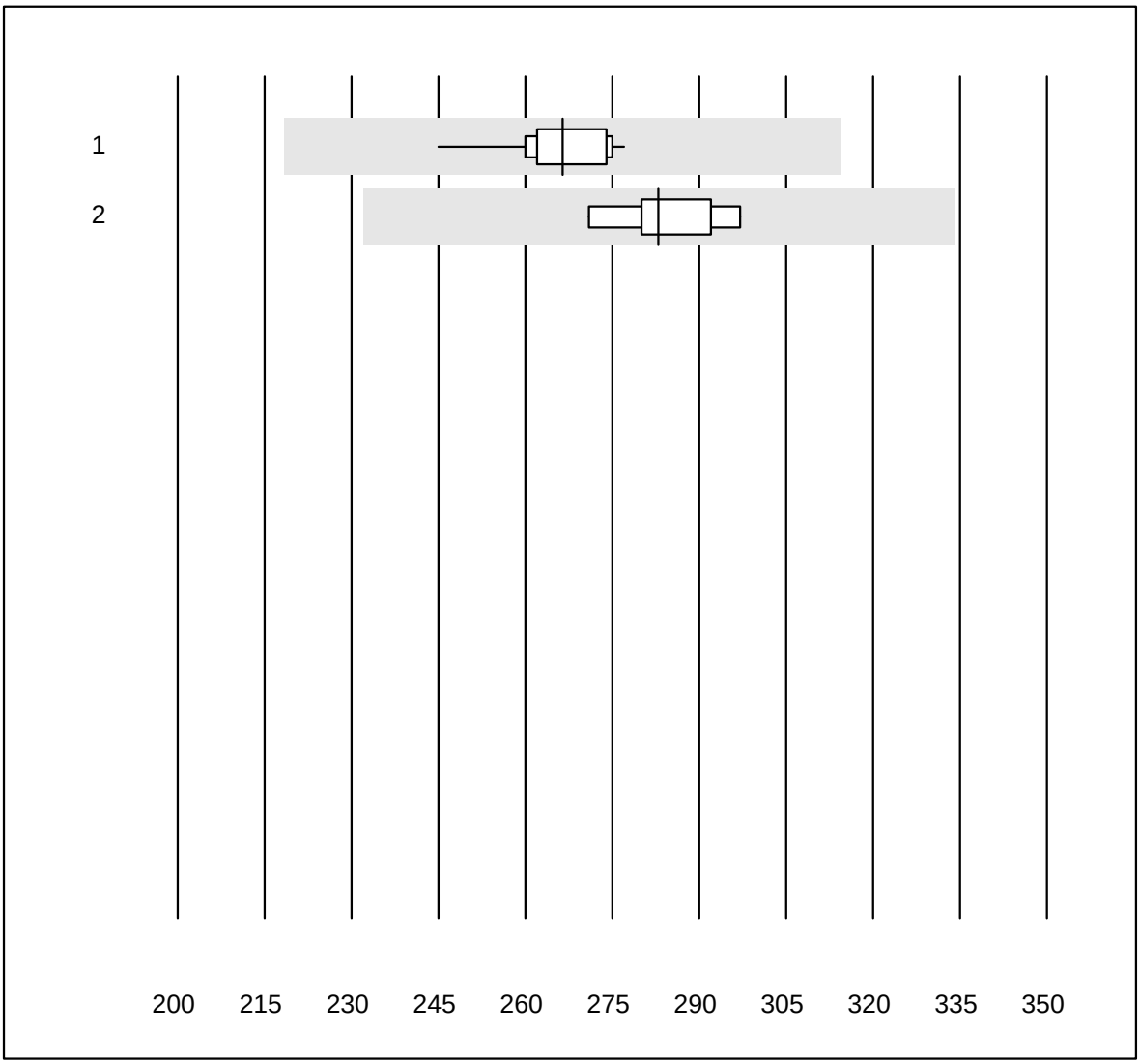


QUALAB Toleranz : 18 %

Kreatinin (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	13	100.0	0.0	0.0	263	2.3	e
2	Cobas	20	100.0	0.0	0.0	254	5.1	e
3	Reflotron	603	96.0	1.2	2.8	295	6.0	e
4	Fuji Dri-Chem	993	99.4	0.2	0.4	250	4.2	e
5	Spotchem SP-4430	85	98.8	0.0	1.2	250	3.0	e
6	Spotchem D-Concept	396	98.5	0.0	1.5	242	3.0	e
7	Jaffé Boehringer	4	100.0	0.0	0.0	251	3.2	e
8	Enzymatisch	9	100.0	0.0	0.0	264	3.4	e
9	Piccolo	65	93.8	3.1	3.1	260	7.2	e
10	Selectra Pro	17	100.0	0.0	0.0	263	4.2	e
11	Skyla	5	100.0	0.0	0.0	252	2.0	e
12	Autolyser/DiaSys	20	100.0	0.0	0.0	262	3.6	e
13	andere Methoden	5	100.0	0.0	0.0	260	1.5	e
14	EPOC	11	90.9	0.0	9.1	279	4.2	e

Kreatinin E

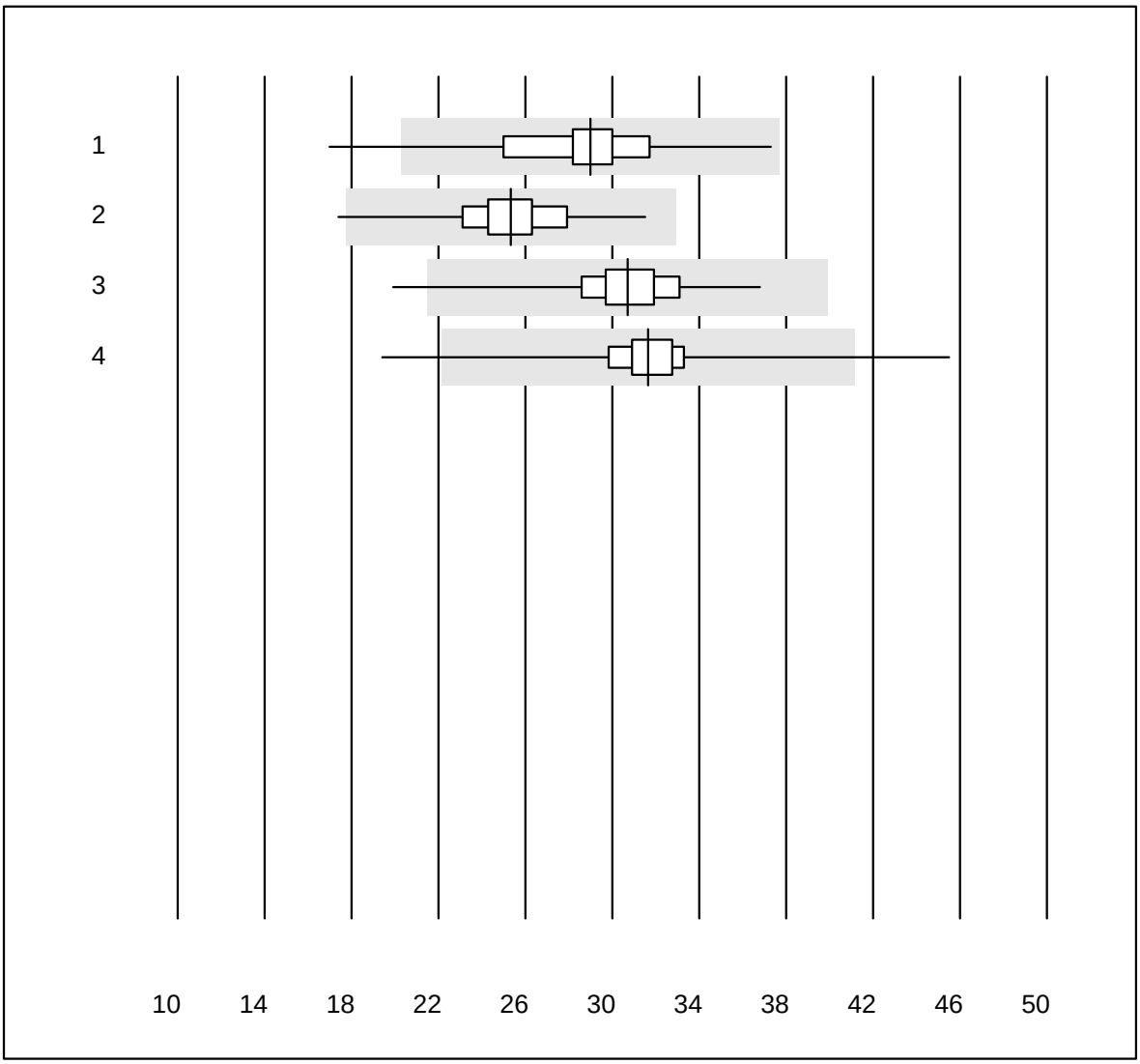


QUALAB Toleranz : 18 %

Kreatinin E (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat Chem8	13	100.0	0.0	0.0	266	3.3	e
2	ABL700/800	7	100.0	0.0	0.0	283	2.9	e

eGFR CKD-EPI

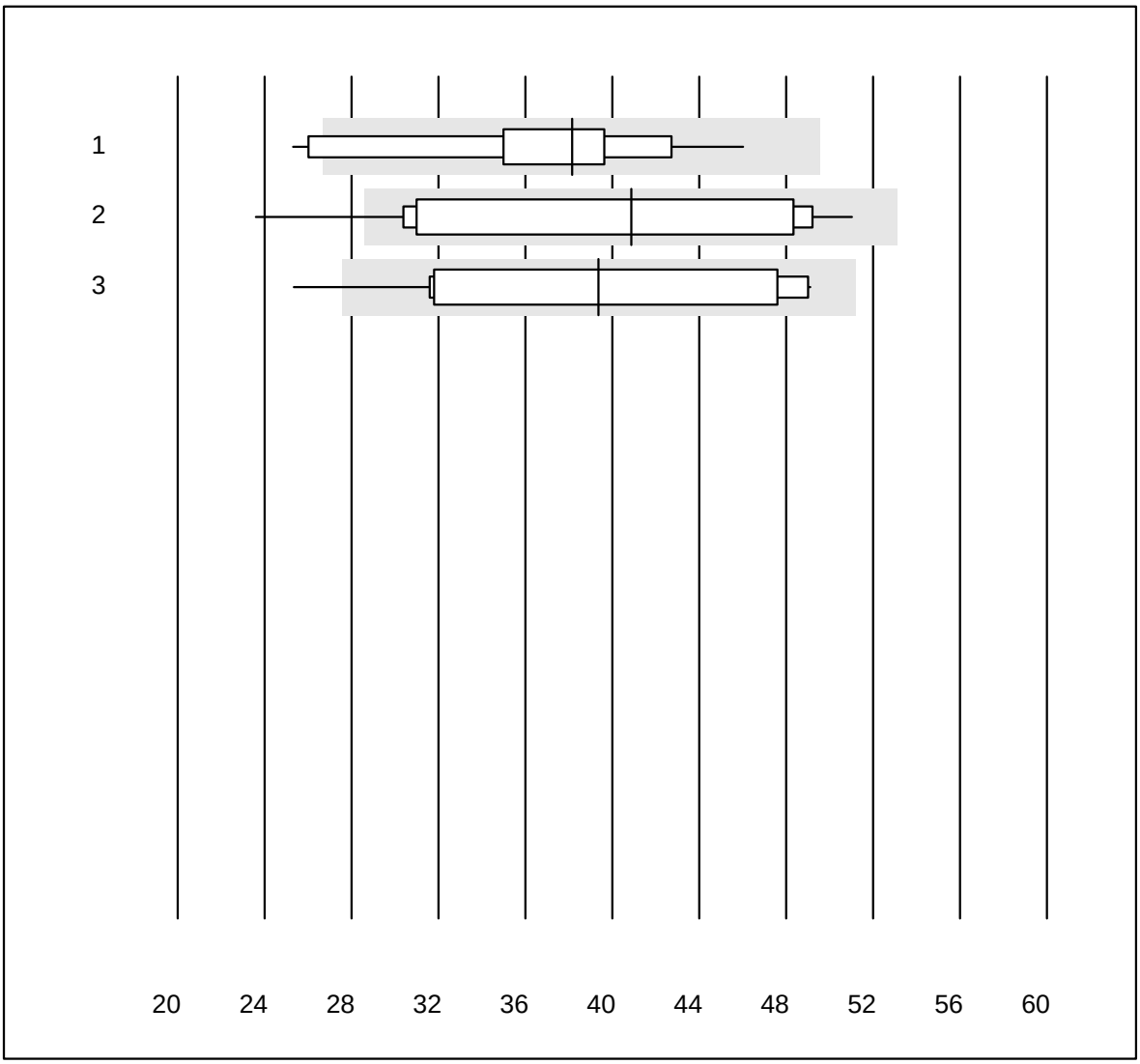


MQ Toleranz : 30 %

eGFR CKD-EPI ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	61	88.5	4.9	6.6	29	12.1	e
2	Reflotron	167	97.0	0.6	2.4	25	7.7	e
3	Fuji Dri-Chem	372	95.4	1.6	3.0	31	7.4	e
4	Spotchem alter Test	173	91.4	1.7	6.9	32	8.3	e

eGFR Cockcroft-Gault

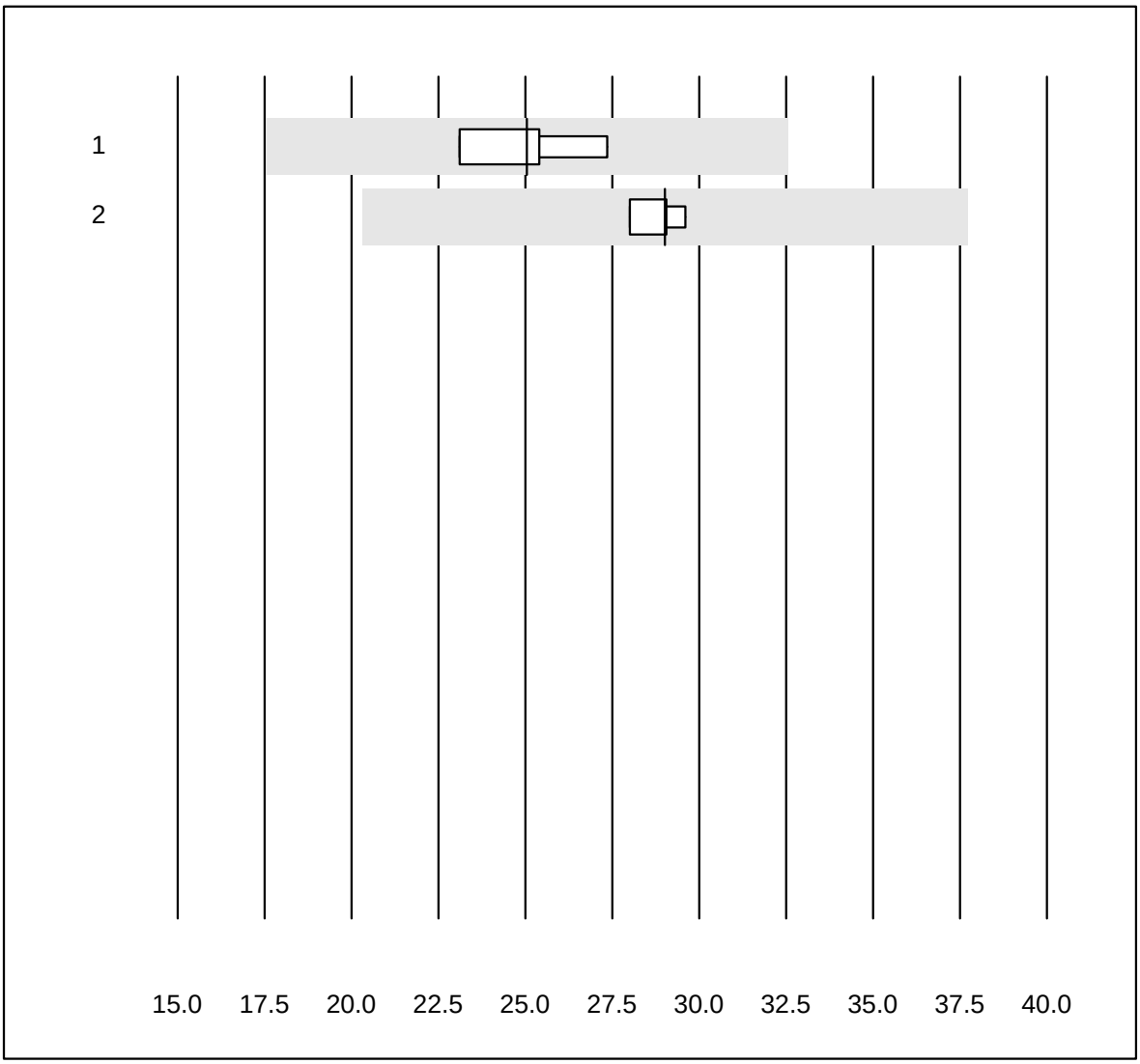


MQ Toleranz : 30 %

eGFR Cockcroft-Gault ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Reflotron	17	82.3	11.8	5.9	38	14.7	e
2	Fuji Dri-Chem	37	94.6	5.4	0.0	41	20.9	e
3	Spotchem alter Test	14	78.6	7.1	14.3	39	22.8	e*

eGFR MDRD

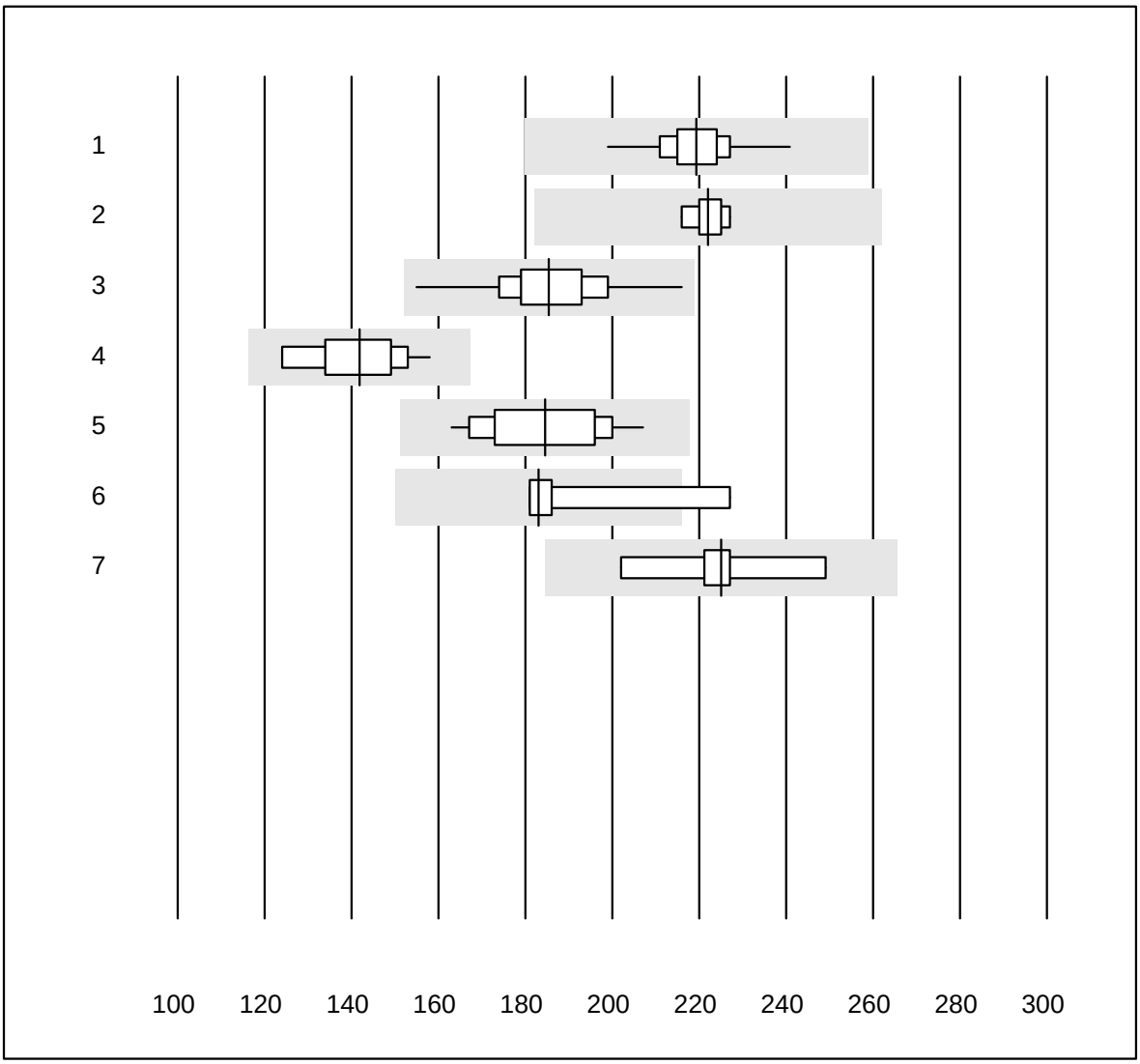


MQ Toleranz : 30 %

eGFR MDRD ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Reflotron	4	100.0	0.0	0.0	25	7.0	e
2	Fuji Dri-Chem	4	100.0	0.0	0.0	29	2.3	e

LDH

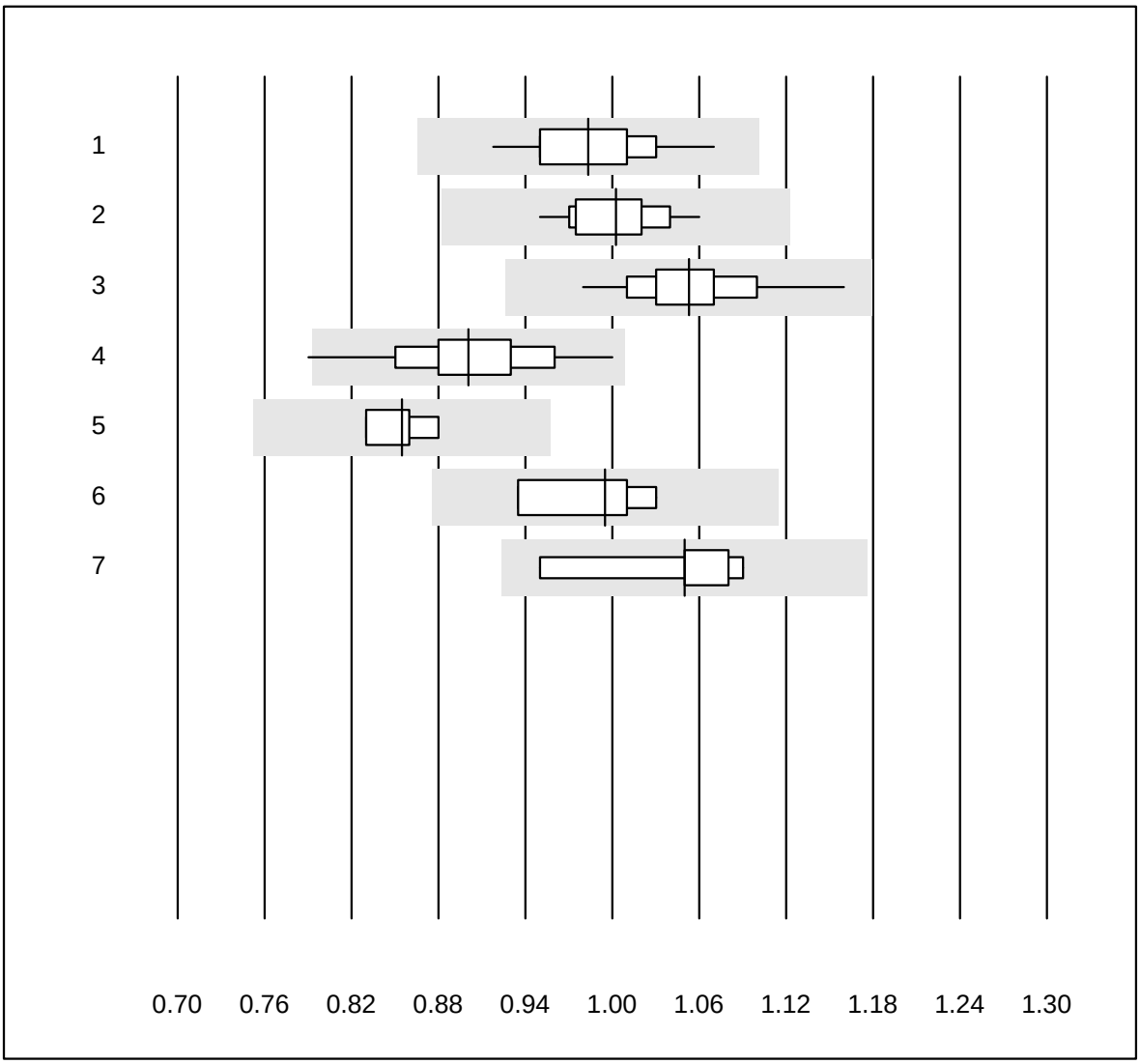


QUALAB Toleranz : 18 %

LDH (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	36	100.0	0.0	0.0	219	3.4	e
2	Cobas	6	100.0	0.0	0.0	222	1.8	e
3	Fuji Dri-Chem	143	96.5	0.0	3.5	185	5.3	e
4	Spotchem SP-4430	11	90.9	0.0	9.1	142	8.0	e*
5	Spotchem D-Concept	46	97.8	0.0	2.2	185	6.6	e
6	Piccolo	6	83.3	16.7	0.0	183	9.5	e*
7	Autolyser/DiaSys	9	100.0	0.0	0.0	225	6.3	e

Magnesium

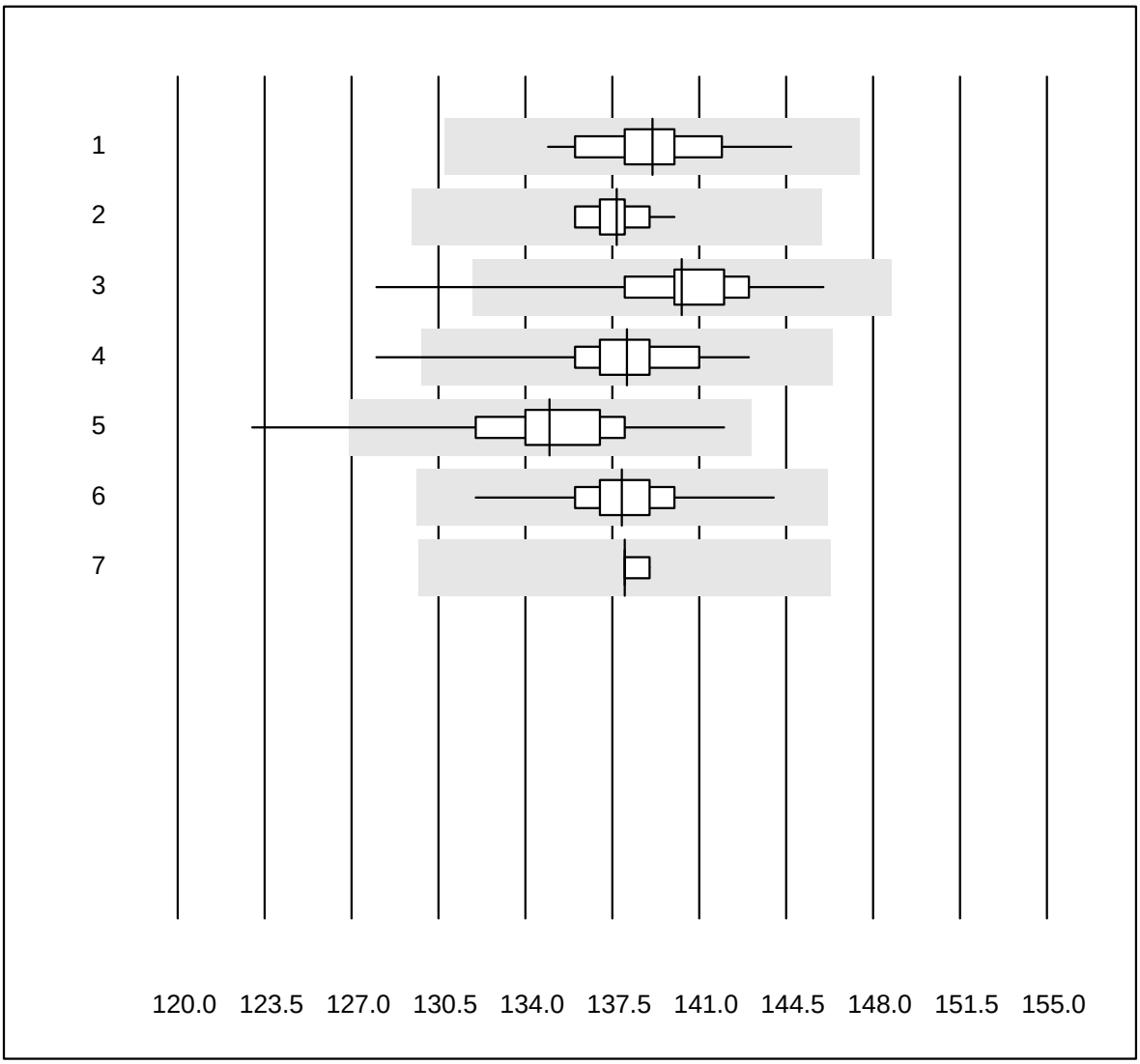


QUALAB Toleranz : 12 %

Magnesium (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	20	100.0	0.0	0.0	0.98	4.1	e
2	Cobas	14	100.0	0.0	0.0	1.00	3.1	e
3	Fuji Dri-Chem	108	100.0	0.0	0.0	1.05	3.2	e
4	Spotchem D-Concept	41	97.6	2.4	0.0	0.90	4.6	e
5	Spotchem SP-4430	4	100.0	0.0	0.0	0.86	2.4	e
6	Beckman	4	100.0	0.0	0.0	1.00	4.2	e*
7	Piccolo	7	100.0	0.0	0.0	1.05	4.4	e*

Natrium

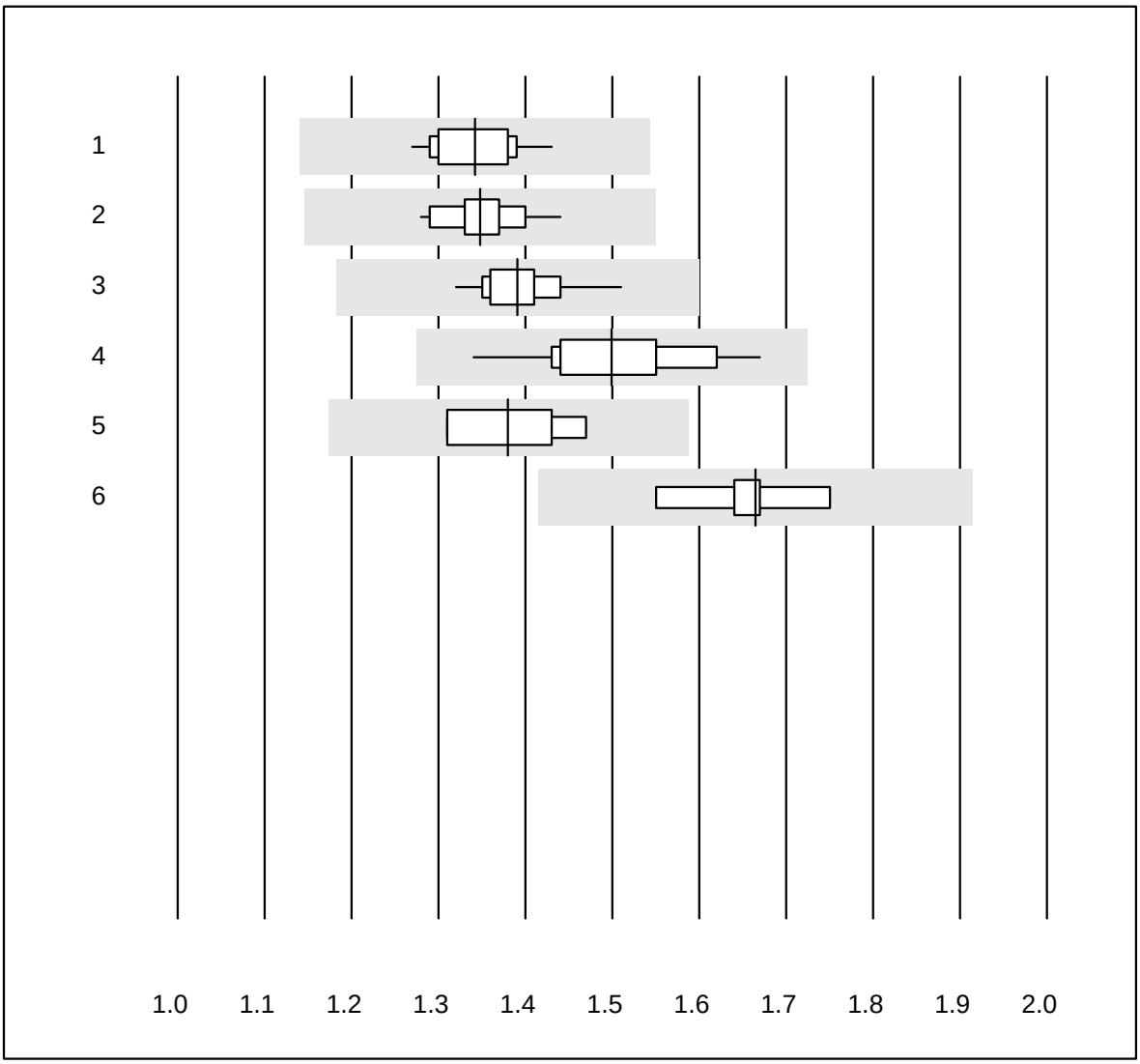


QUALAB Toleranz : 6 %

Natrium (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	38	97.4	0.0	2.6	139	1.5	e
2	Cobas	20	100.0	0.0	0.0	138	0.9	e
3	Fuji Dri-Chem	885	98.3	1.0	0.7	140	1.7	e
4	Spotchem D-Concept	349	98.8	0.3	0.9	138	1.3	e
5	Spotchem EL-SE 1520	61	96.7	3.3	0.0	135	2.3	e
6	Piccolo	45	100.0	0.0	0.0	138	1.5	e
7	iStat Chem8	7	100.0	0.0	0.0	138	0.3	e

Phosphat

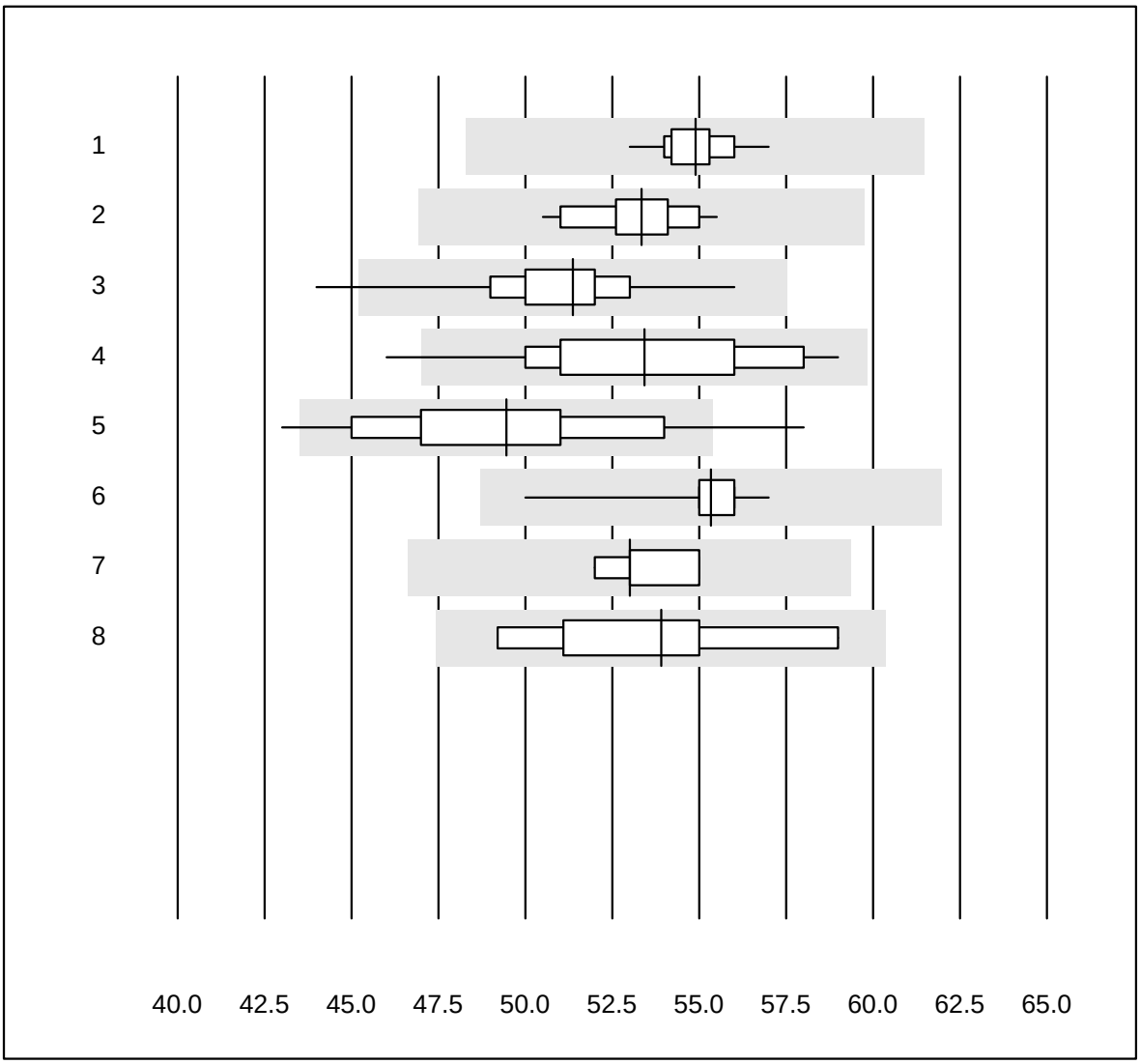


QUALAB Toleranz : 15 %

Phosphat (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	22	100.0	0.0	0.0	1.3	3.4	e
2	Cobas	17	100.0	0.0	0.0	1.3	3.0	e
3	Fuji Dri-Chem	83	98.8	0.0	1.2	1.4	2.8	e
4	Spotchem D-Concept	17	100.0	0.0	0.0	1.5	5.5	e
5	Spotchem SP-4430	4	100.0	0.0	0.0	1.4	5.6	e*
6	Piccolo	8	100.0	0.0	0.0	1.7	3.7	e

Protein total

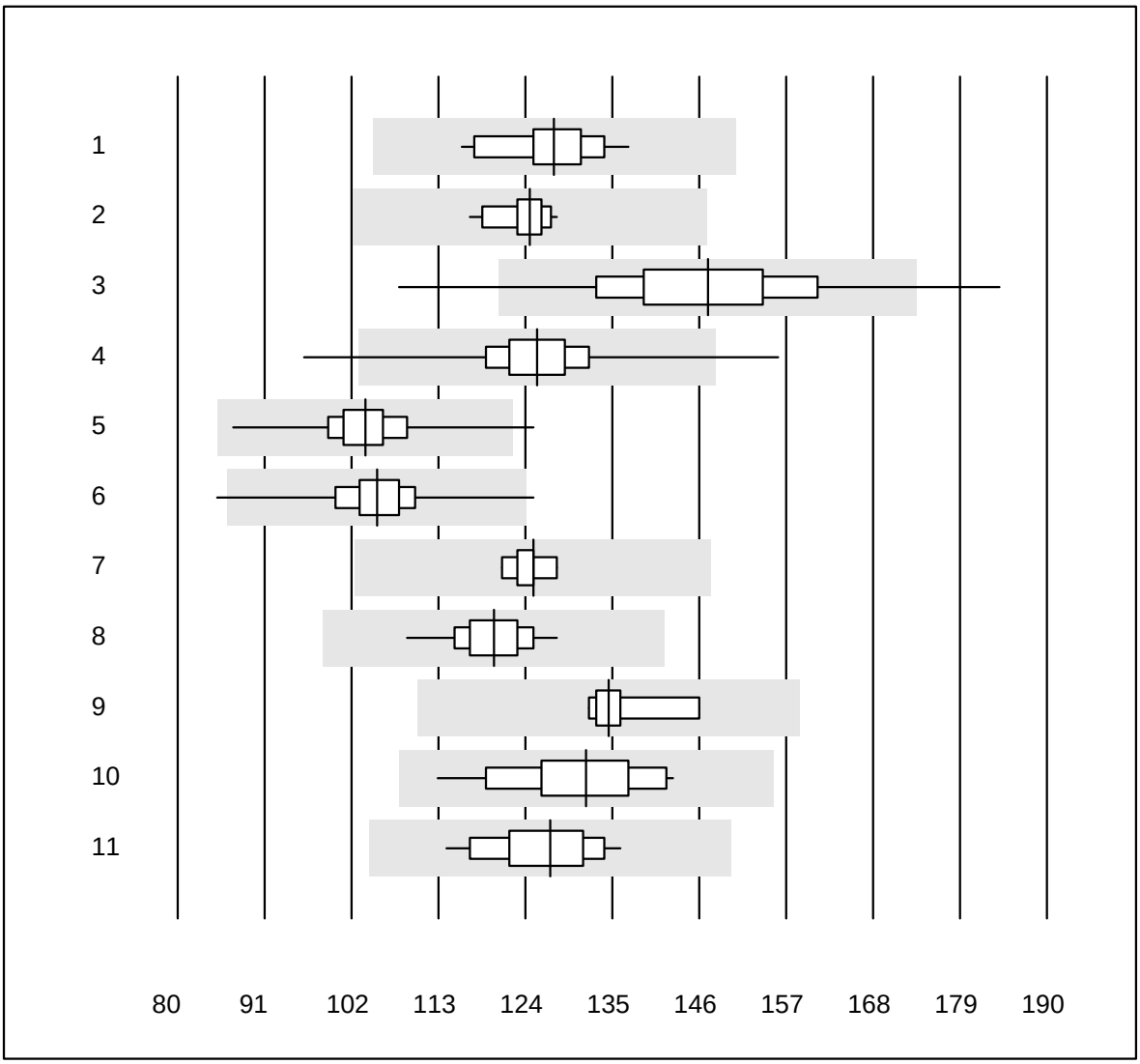


QUALAB Toleranz : 12 %

Protein total (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	23	100.0	0.0	0.0	54.9	1.7	e
2	Cobas	17	100.0	0.0	0.0	53.3	2.8	e
3	Fuji Dri-Chem	185	97.9	0.5	1.6	51.4	3.2	e
4	Spotchem SP-4430	26	84.7	3.8	11.5	53.4	6.0	e
5	Spotchem D-Concept	138	91.3	6.5	2.2	49.5	6.6	e
6	Piccolo	47	97.9	0.0	2.1	55.3	1.9	e
7	Skyla	5	100.0	0.0	0.0	53.0	2.5	e
8	Selectra Pro	8	100.0	0.0	0.0	53.9	6.2	e*

ASAT (AST, GOT)

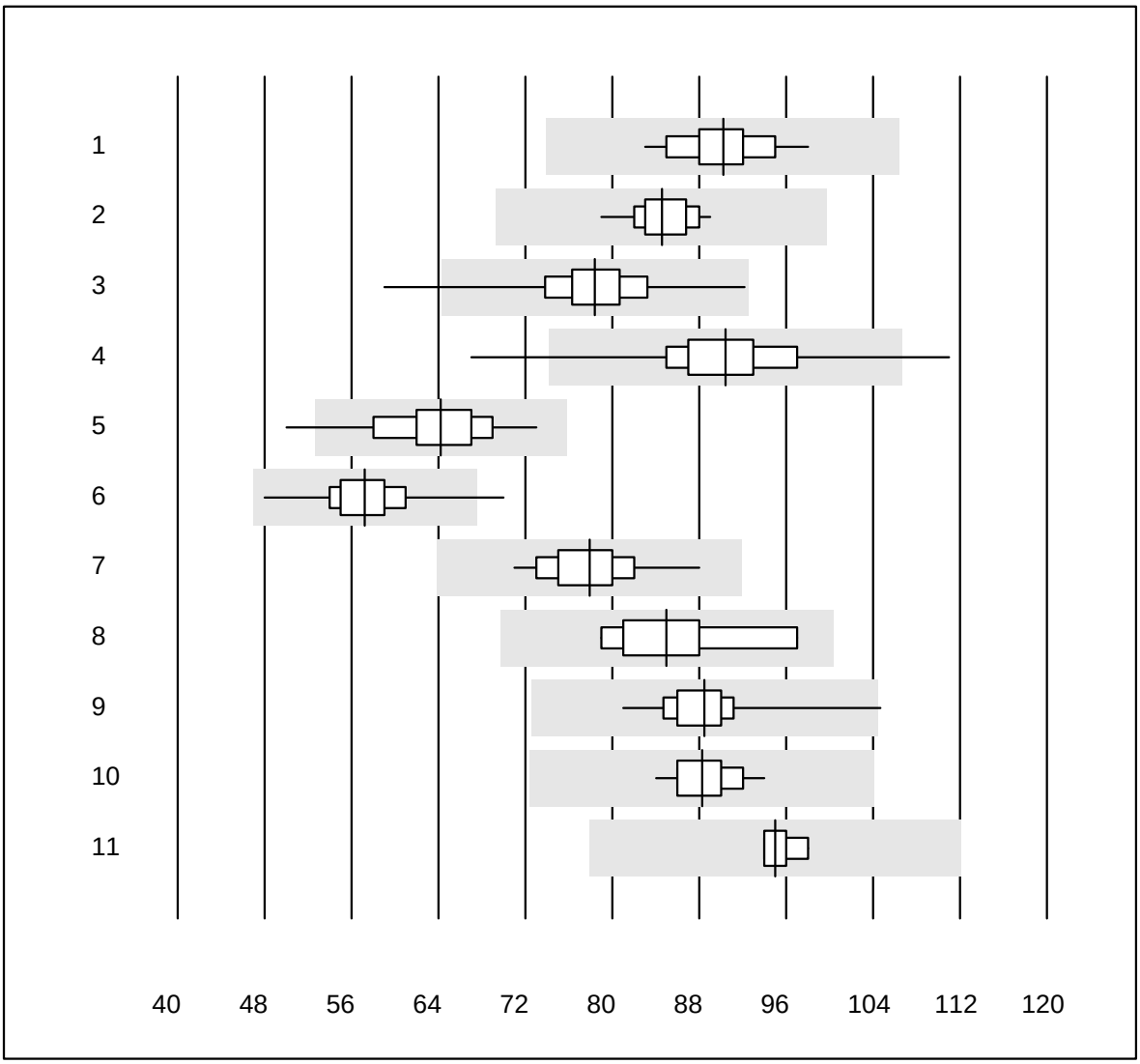


QUALAB Toleranz : 18 %

ASAT (AST, GOT) (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC mit PP	27	100.0	0.0	0.0	128	4.3	e
2	Cobas	16	100.0	0.0	0.0	125	2.5	e
3	Reflotron	515	95.4	2.1	2.5	147	7.4	e
4	Fuji Dri-Chem	976	98.9	0.4	0.7	126	4.3	e
5	Spotchem SP-4430	84	97.6	1.2	1.2	104	4.8	e
6	Spotchem D-Concept	393	98.5	0.5	1.0	105	4.6	e
7	IFCC ohne PP	6	100.0	0.0	0.0	125	1.9	e
8	Piccolo	69	100.0	0.0	0.0	120	3.2	e
9	Skyla	6	100.0	0.0	0.0	135	3.7	e
10	Selectra Pro	15	100.0	0.0	0.0	132	6.2	e
11	Autolyser/DiaSys	20	100.0	0.0	0.0	127	5.0	e

ALAT (ALT, GPT)

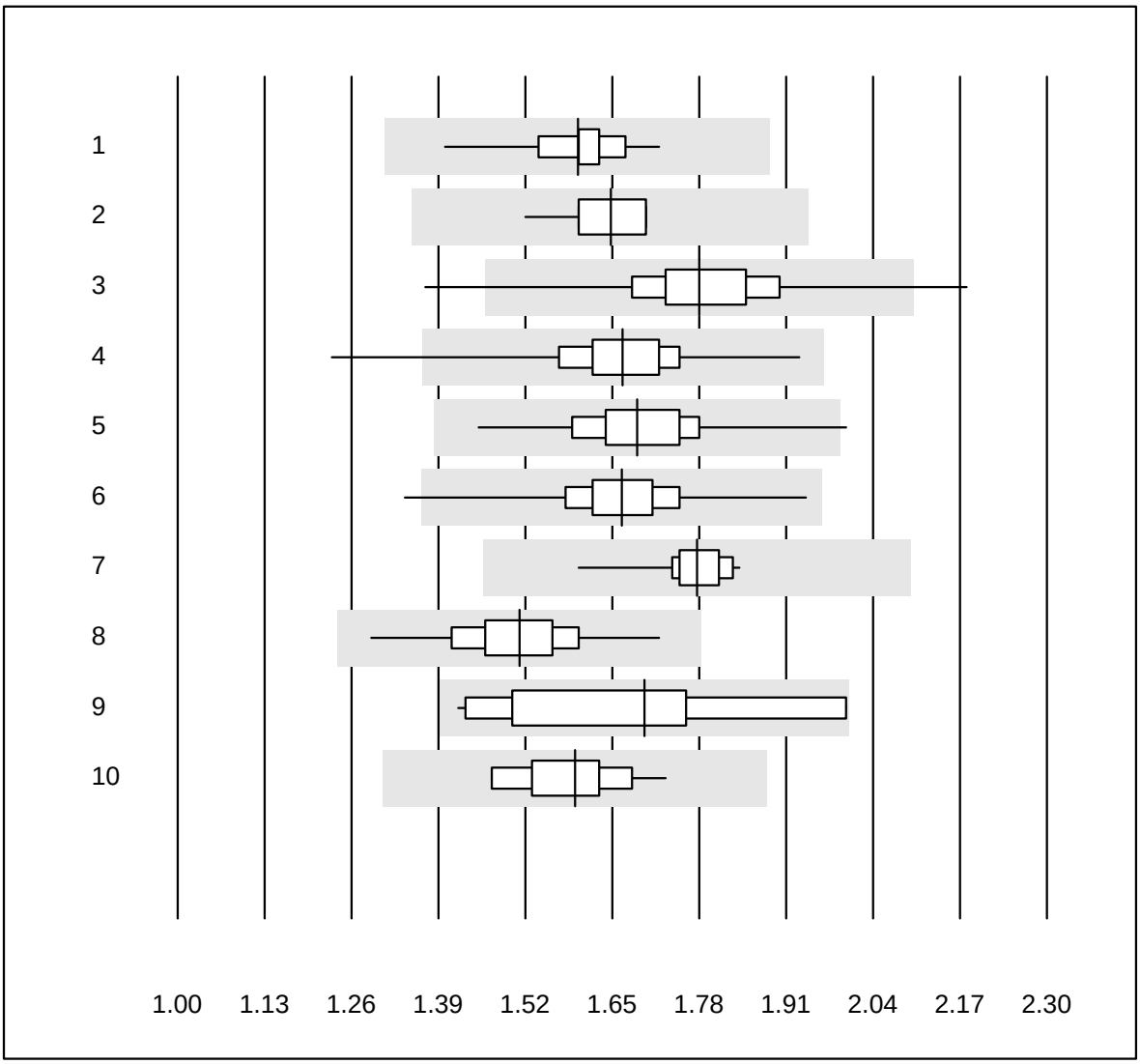


QUALAB Toleranz : 18 %

ALAT (ALT, GPT) (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC mit PP	22	100.0	0.0	0.0	90	4.1	e
2	Cobas	22	100.0	0.0	0.0	85	2.9	e
3	Reflotron	528	97.4	1.1	1.5	78	5.4	e
4	Fuji Dri-Chem	988	98.8	0.4	0.8	90	5.3	e
5	Spotchem SP-4430	86	97.6	1.2	1.2	64	6.6	e
6	Spotchem D-Concept	396	97.5	0.5	2.0	57	5.6	e
7	Piccolo	66	100.0	0.0	0.0	78	4.7	e
8	Skyla	6	100.0	0.0	0.0	85	7.4	e*
9	Selectra Pro	15	93.3	6.7	0.0	88	5.8	e
10	Autolyser/DiaSys	20	100.0	0.0	0.0	88	3.0	e
11	andere Methoden	5	100.0	0.0	0.0	95	1.8	e

Triglyceride

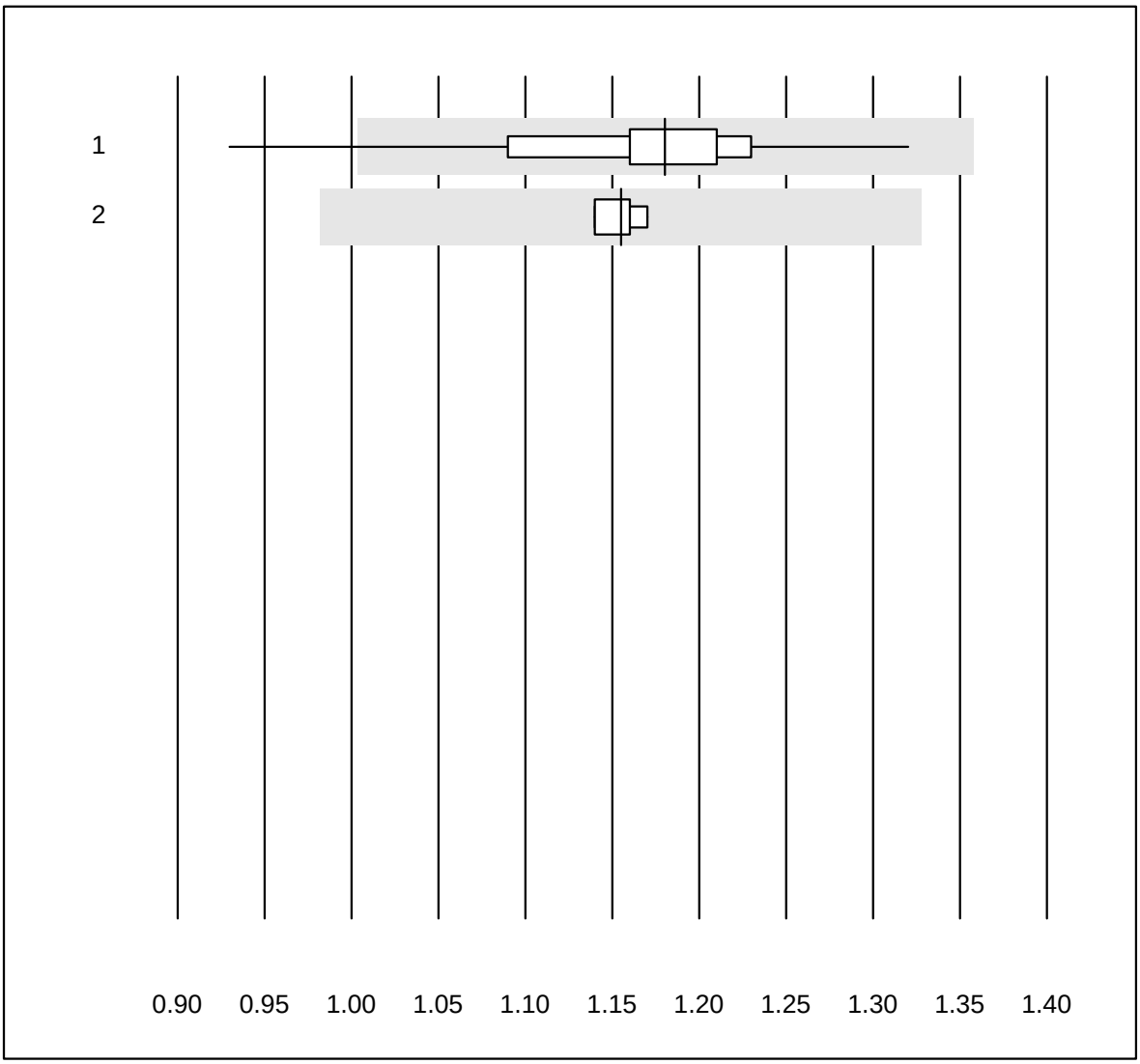


QUALAB Toleranz : 18 %

Triglyceride (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	25	100.0	0.0	0.0	1.60	4.3	e
2	Cobas	21	100.0	0.0	0.0	1.65	3.1	e
3	Reflotron	223	92.9	2.2	4.9	1.78	6.1	e
4	Fuji Dri-Chem	842	98.4	0.4	1.2	1.67	4.4	e
5	Spotchem SP-4430	67	98.5	1.5	0.0	1.69	5.2	e
6	Spotchem D-Concept	345	96.2	0.3	3.5	1.66	4.5	e
7	Piccolo	23	100.0	0.0	0.0	1.78	2.8	e
8	Cholestech LDX	308	98.7	0.0	1.3	1.51	4.9	e
9	Selectra Pro	12	100.0	0.0	0.0	1.70	12.6	e*
10	Autolyser/DiaSys	20	100.0	0.0	0.0	1.59	4.5	e

Lithium

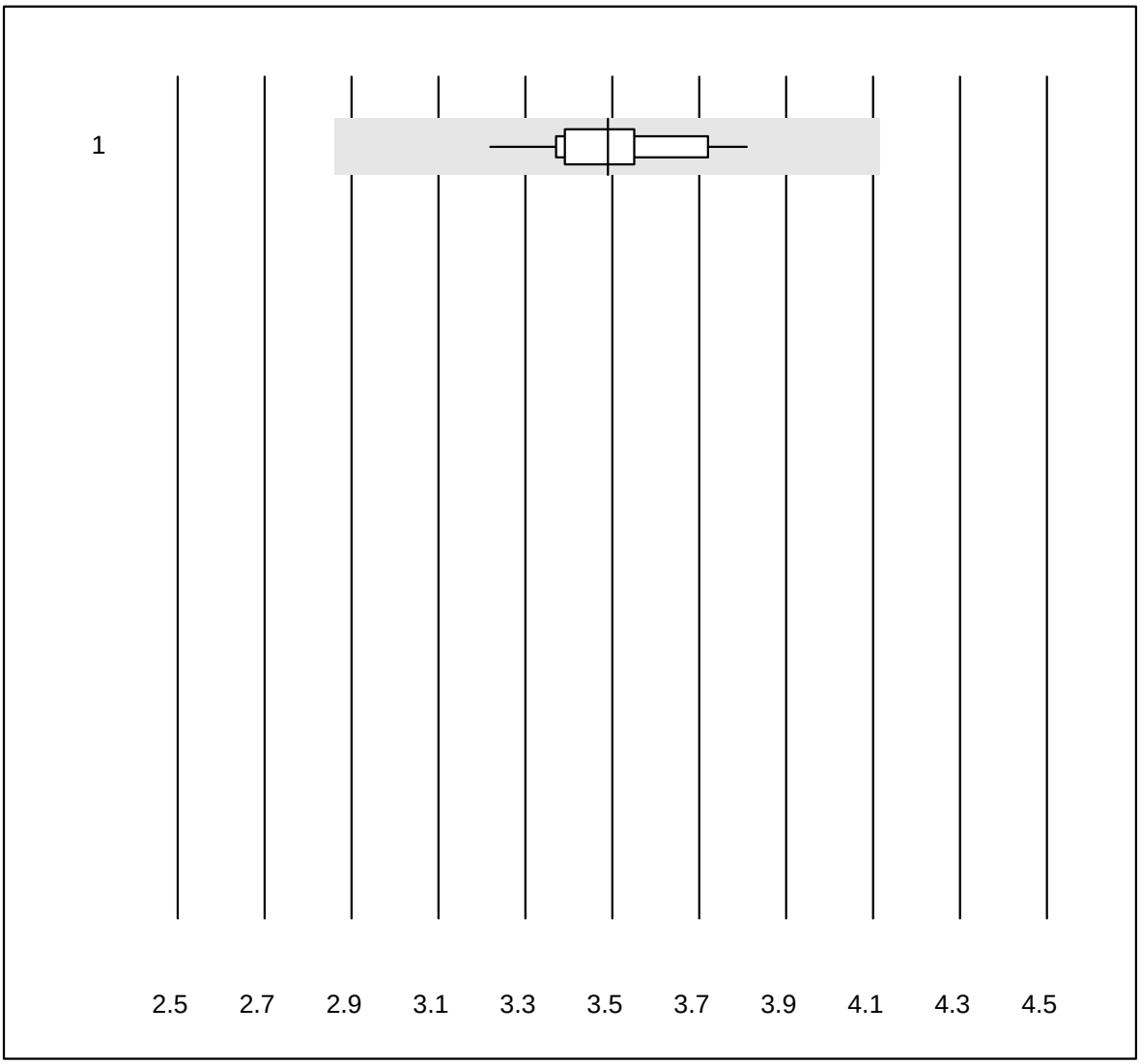


QUALAB Toleranz : 15 %

Lithium (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	18	94.4	5.6	0.0	1.18	6.6	e
2	Cobas Integra 800/40	4	100.0	0.0	0.0	1.16	1.1	e

Laktat

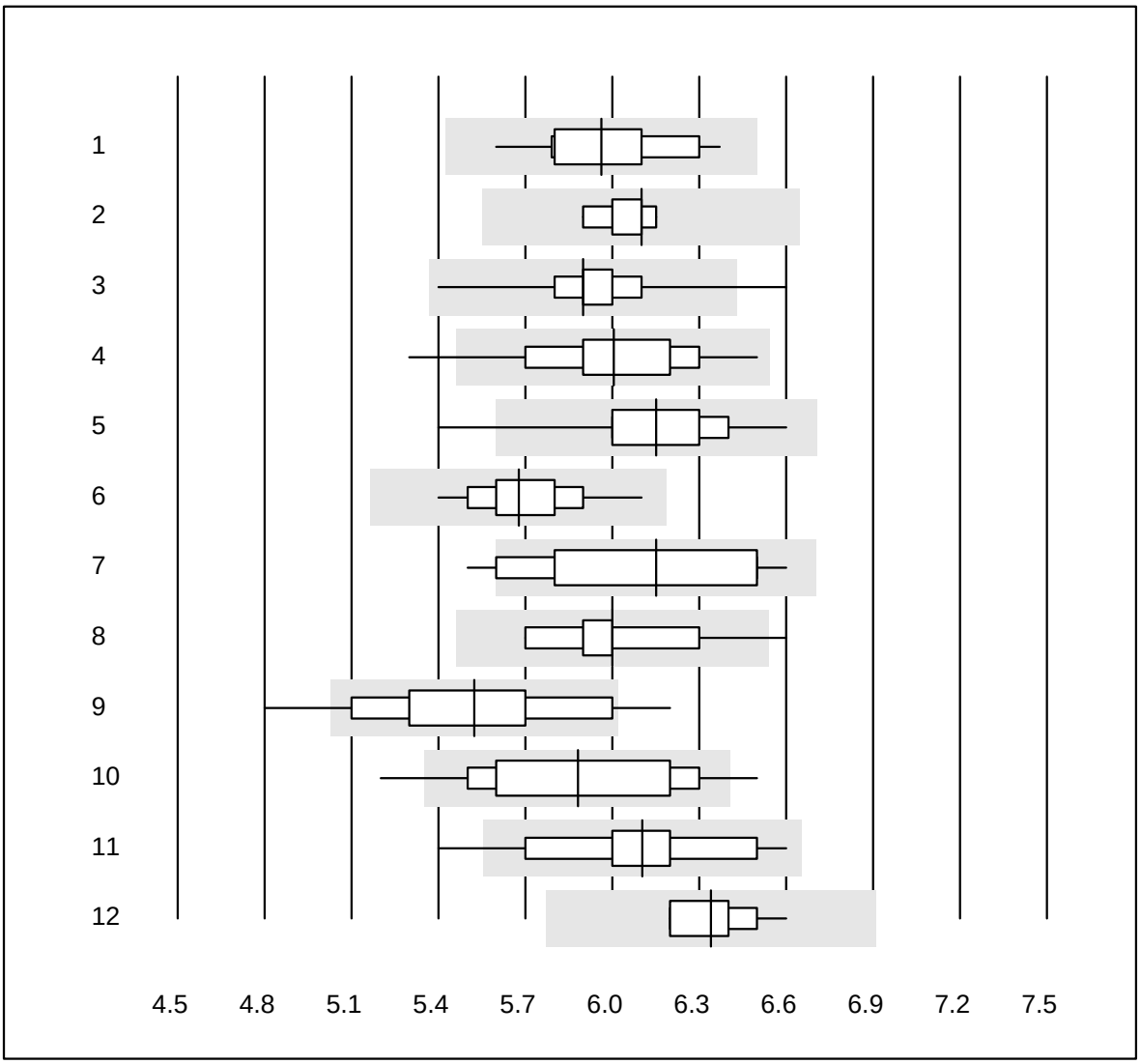


QUALAB Toleranz : 18 %

Laktat (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	14	100.0	0.0	0.0	3.49	4.2	e

HbA1c Probe A

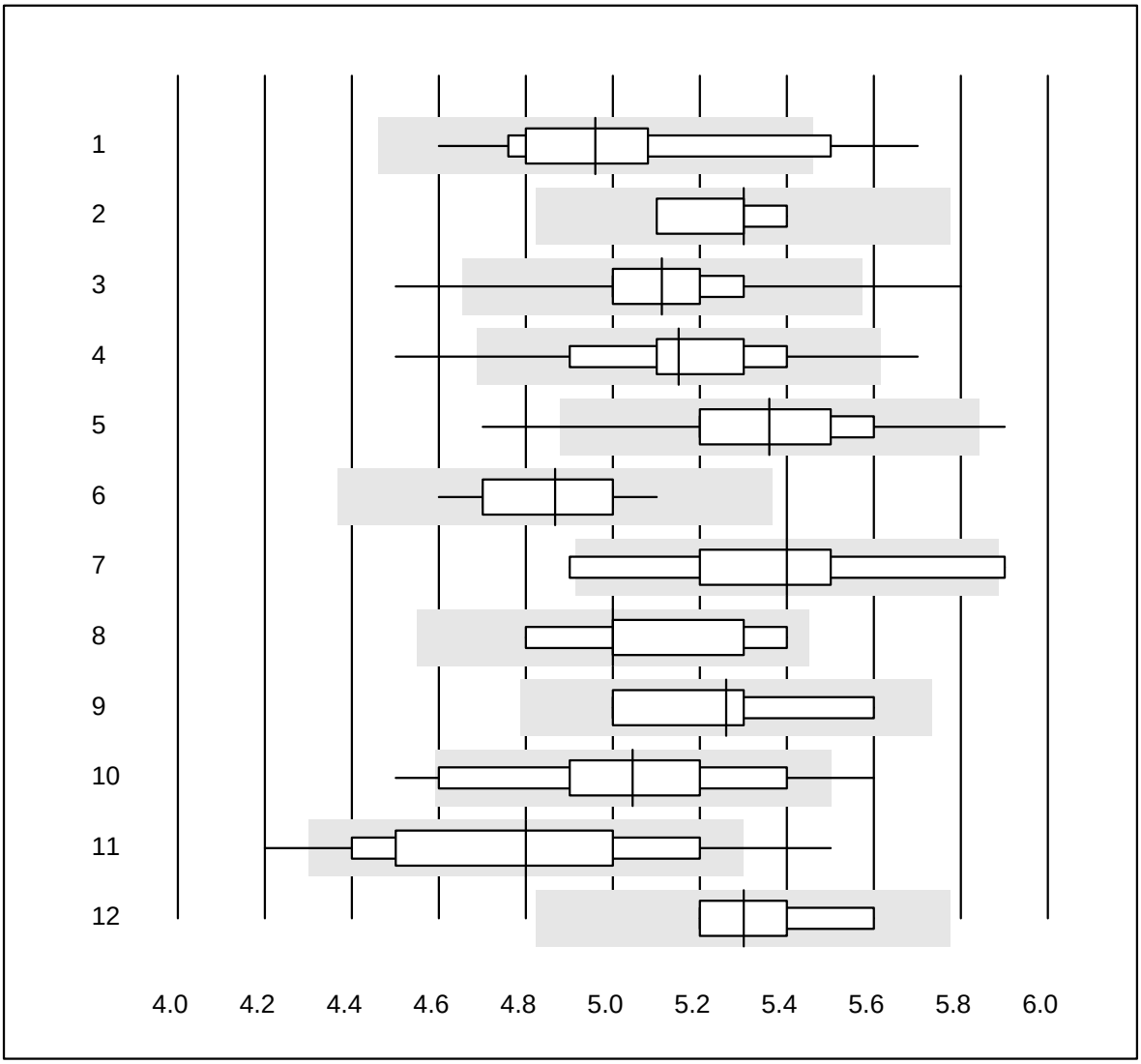


QUALAB Toleranz : 9 %

HbA1c Probe A (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	15	100.0	0.0	0.0	6.0	3.3	e
2	HPLC	6	100.0	0.0	0.0	6.1	1.5	e
3	Afinion	555	99.1	0.2	0.7	5.9	2.4	e
4	Cobas b101	143	94.4	4.9	0.7	6.0	3.7	e
5	DCA2000/Vantage	148	93.9	2.0	4.1	6.2	3.3	e
6	Celltac chemi	21	100.0	0.0	0.0	5.7	3.0	e
7	NycoCard	16	93.7	6.3	0.0	6.2	5.8	e*
8	Eurolyser	10	90.0	10.0	0.0	6.0	4.4	e*
9	A1c Now	224	82.6	12.9	4.5	5.5	5.9	e
10	AFIAS	61	90.2	8.2	1.6	5.9	5.7	e
11	Andere	21	85.7	4.8	9.5	6.1	4.3	e
12	Spinit	11	90.9	0.0	9.1	6.3	2.3	e

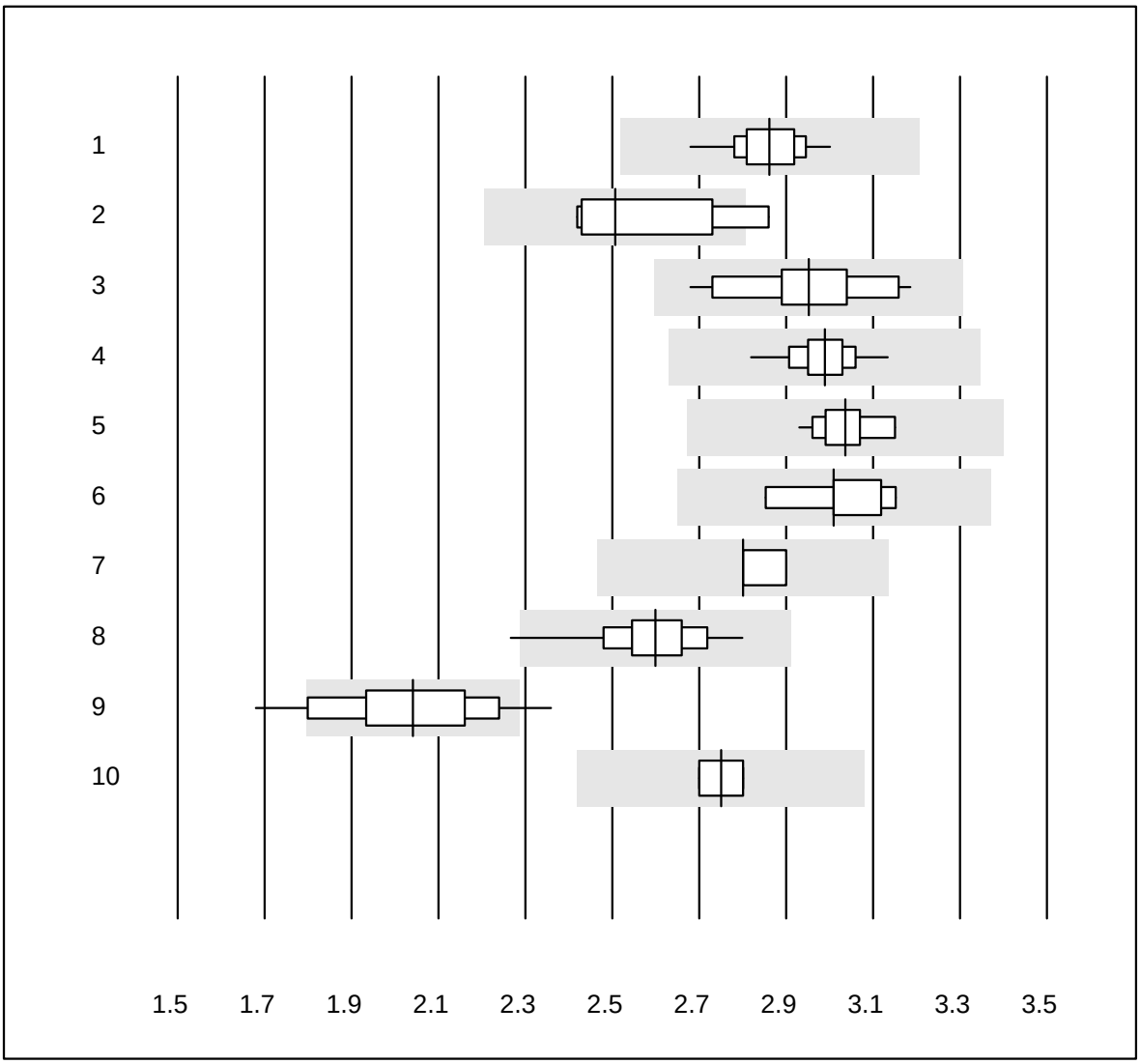
HbA1c Probe B



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

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	14	85.7	14.3	0.0	5.0	6.0	e*
2	HPLC	7	100.0	0.0	0.0	5.3	2.2	e
3	Afinion	790	99.1	0.5	0.4	5.1	2.6	e
4	Cobas b101	165	97.0	2.4	0.6	5.2	3.8	e
5	DCA2000/Vantage	229	96.9	0.9	2.2	5.4	3.3	e
6	Celltac chemi	15	100.0	0.0	0.0	4.9	3.1	e
7	NycoCard	9	66.7	22.2	11.1	5.4	6.0	e*
8	Eurolyser	7	100.0	0.0	0.0	5.0	4.0	e*
9	Hemocue HbA1c 501	4	100.0	0.0	0.0	5.3	5.5	a
10	A1c Now	14	78.6	14.3	7.1	5.0	6.2	e*
11	AFIAS	90	90.0	8.9	1.1	4.8	6.5	e
12	Spinit	5	100.0	0.0	0.0	5.3	3.1	e*
13	Andere	18	94.4	5.6	0.0	5.2	4.5	e

PCO2

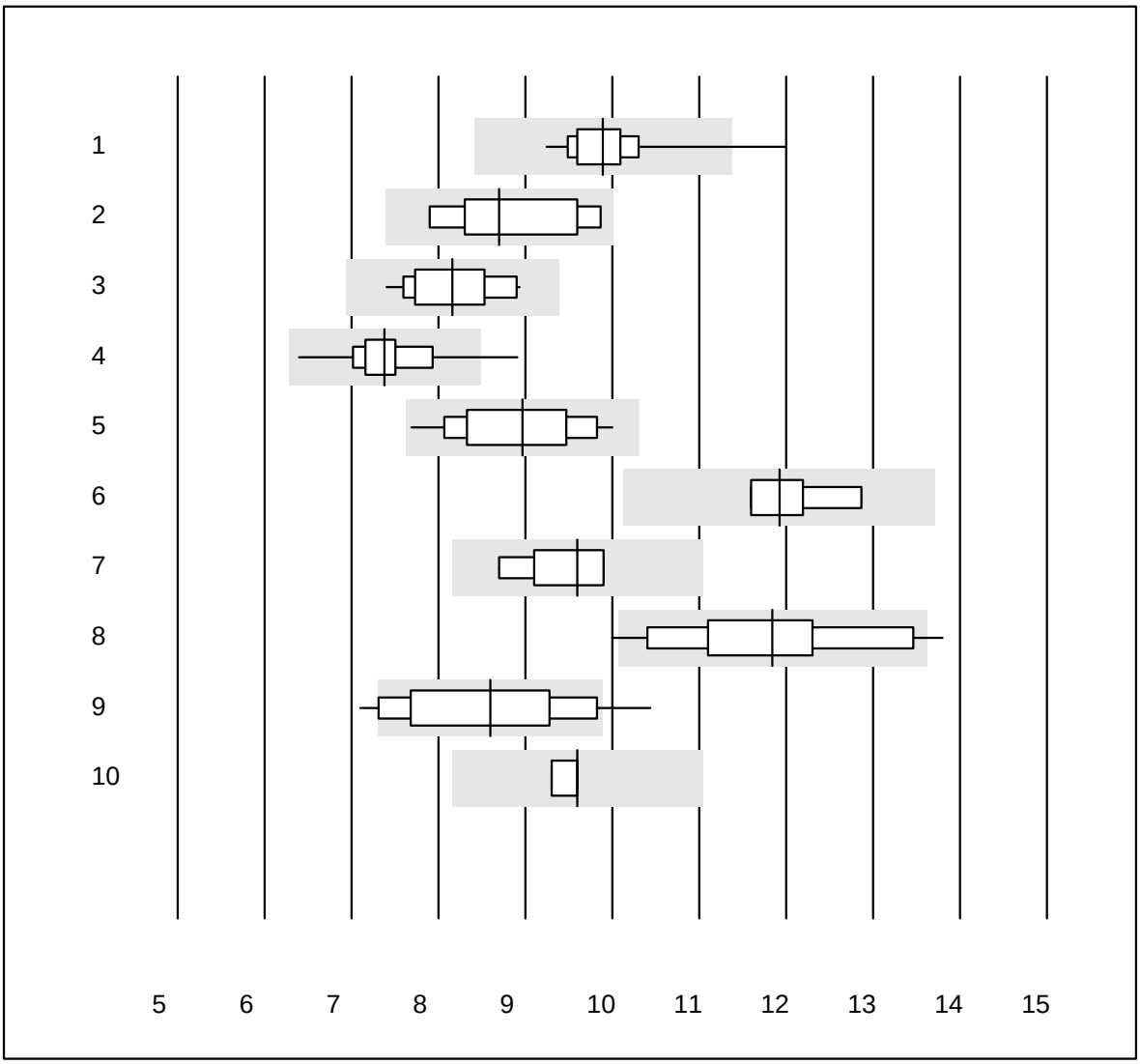


QUALAB Toleranz : 12 %

PCO2 (kPa)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	94	100.0	0.0	0.0	2.86	2.4	e
2	ABL80 FLEX	7	85.7	14.3	0.0	2.51	6.4	e*
3	ABL80 FLEX CO-OX / O	14	92.9	0.0	7.1	2.95	5.4	e*
4	ABL90 FLEX / PLUS	82	100.0	0.0	0.0	2.99	2.0	e
5	Cobas b 123	15	100.0	0.0	0.0	3.04	2.3	e
6	Cobas b 221	7	85.7	0.0	14.3	3.01	3.5	e
7	GEM	7	100.0	0.0	0.0	2.80	1.7	e
8	iStat	39	94.8	2.6	2.6	2.60	4.0	e
9	EPOC	48	79.2	12.5	8.3	2.04	8.3	e
10	IL	4	100.0	0.0	0.0	2.75	2.1	e

PO2

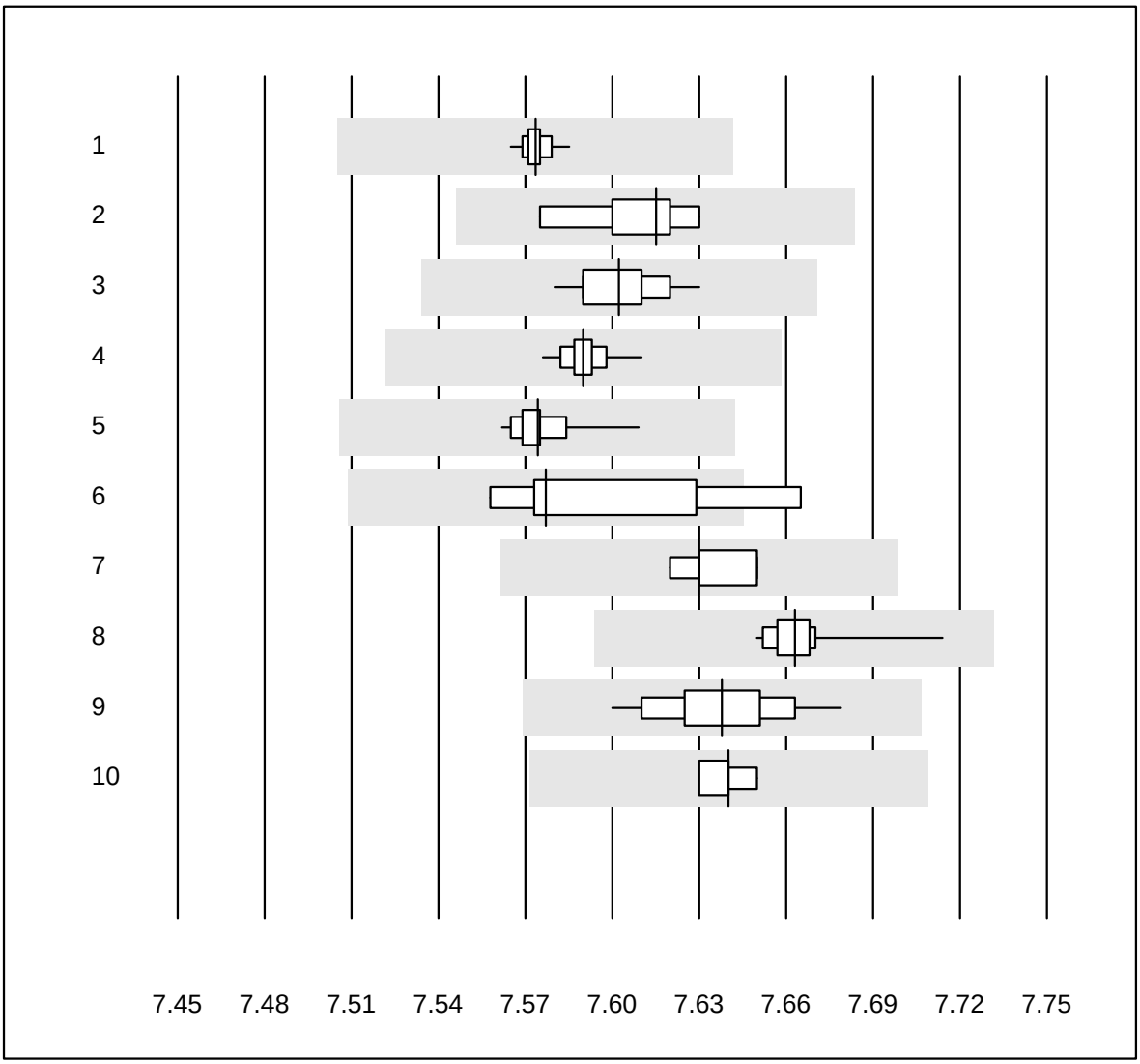


QUALAB Toleranz : 15 %

PO2 (kPa)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	93	95.6	2.2	2.2	9.89	4.7	e
2	ABL80 FLEX	7	100.0	0.0	0.0	8.70	8.2	e*
3	ABL80 FLEX CO-OX / O	14	85.7	0.0	14.3	8.16	6.2	e
4	ABL90 FLEX / PLUS	83	88.0	2.4	9.6	7.38	6.1	e
5	Cobas b 123	17	100.0	0.0	0.0	8.97	7.5	e*
6	Cobas b 221	4	100.0	0.0	0.0	11.92	4.9	e*
7	GEM	7	100.0	0.0	0.0	9.60	4.8	e*
8	iStat	36	88.9	11.1	0.0	11.84	8.5	e
9	EPOC	48	70.8	10.4	18.8	8.59	10.9	e
10	IL	4	100.0	0.0	0.0	9.60	1.6	e

pH

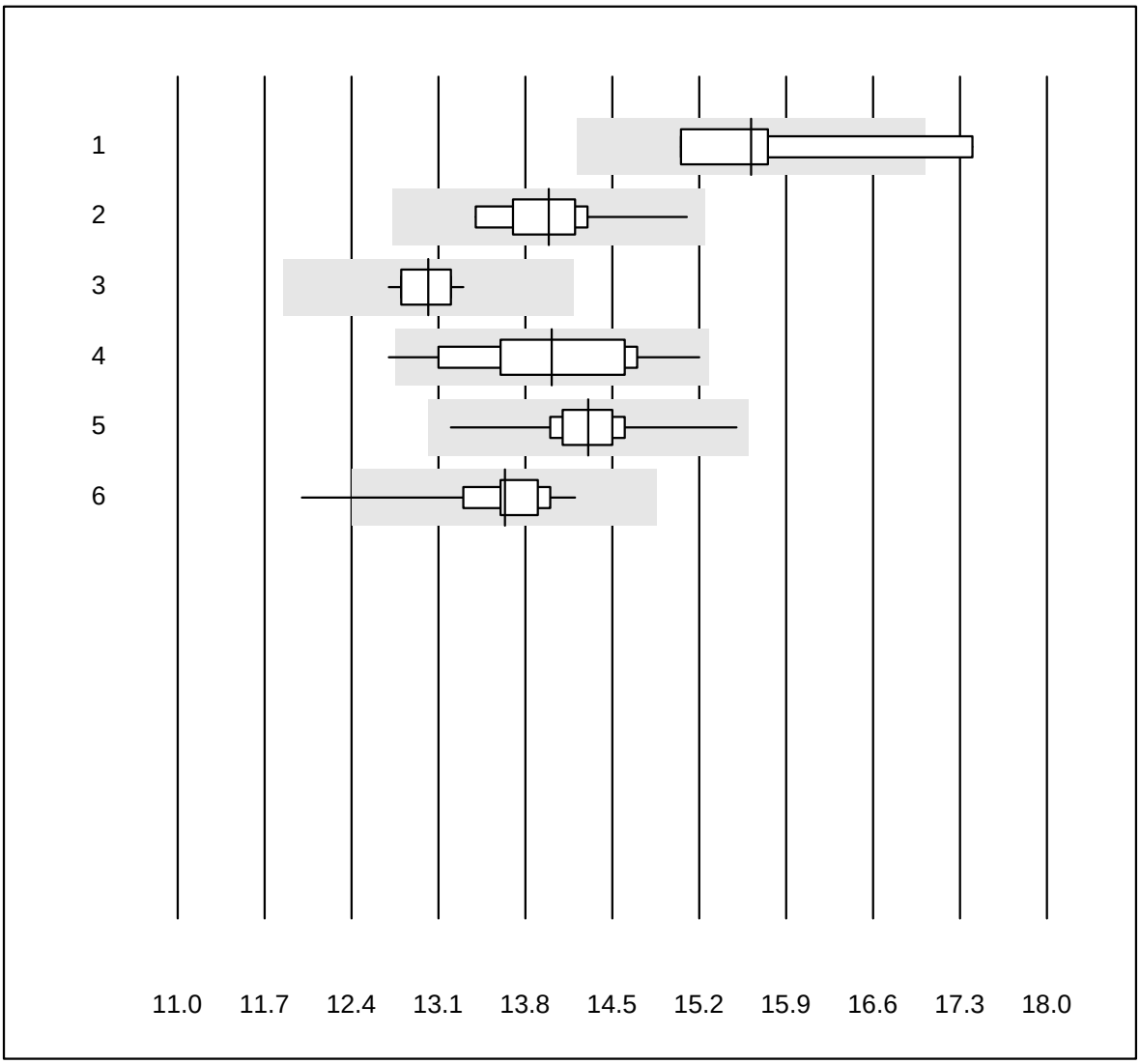


QUALAB Toleranz : 1 %

pH ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	93	100.0	0.0	0.0	7.57	0.0	e
2	ABL80 FLEX	8	100.0	0.0	0.0	7.62	0.2	e
3	ABL80 FLEX CO-OX / O	13	100.0	0.0	0.0	7.60	0.2	e
4	ABL90 FLEX / PLUS	84	100.0	0.0	0.0	7.59	0.1	e
5	Cobas b 123	15	100.0	0.0	0.0	7.57	0.1	e
6	Cobas b 221	7	85.7	14.3	0.0	7.58	0.5	e*
7	GEM	7	100.0	0.0	0.0	7.63	0.1	e
8	iStat	40	97.5	0.0	2.5	7.66	0.1	e
9	EPOC	47	100.0	0.0	0.0	7.64	0.2	e
10	IL	4	100.0	0.0	0.0	7.64	0.1	e

Glucose BG

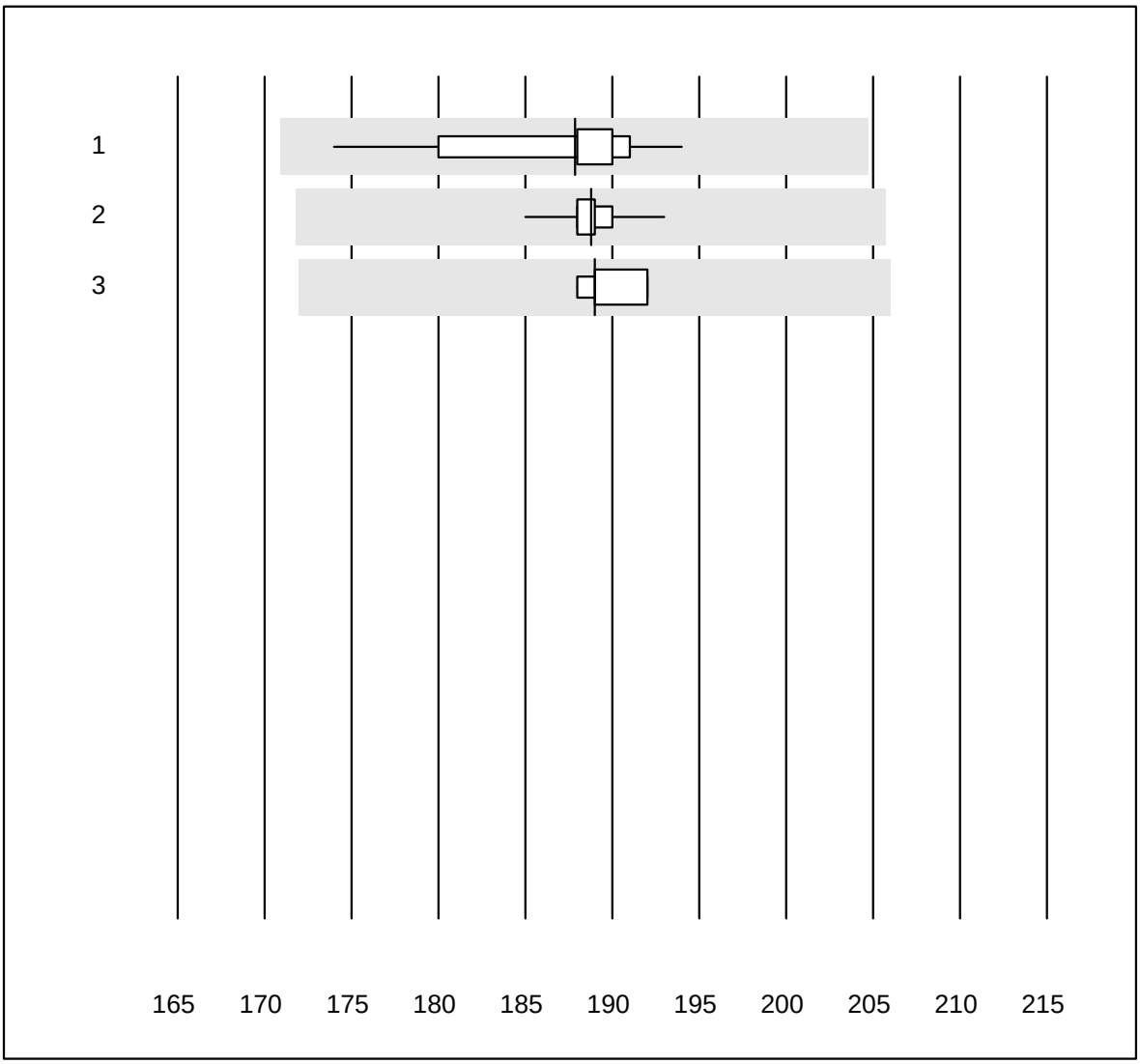


QUALAB Toleranz : 9 %

Glucose BG (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b 221	4	75.0	25.0	0.0	15.6	6.5	e*
2	Cobas b 123	10	100.0	0.0	0.0	14.0	3.5	e*
3	iStat	11	100.0	0.0	0.0	13.0	1.7	e
4	EPOC	37	91.9	2.7	5.4	14.0	4.6	e
5	ABL700/800	85	98.8	0.0	1.2	14.3	2.3	e
6	ABL90 FLEX / PLUS	81	96.3	3.7	0.0	13.6	3.0	e

Hämoglobin BG

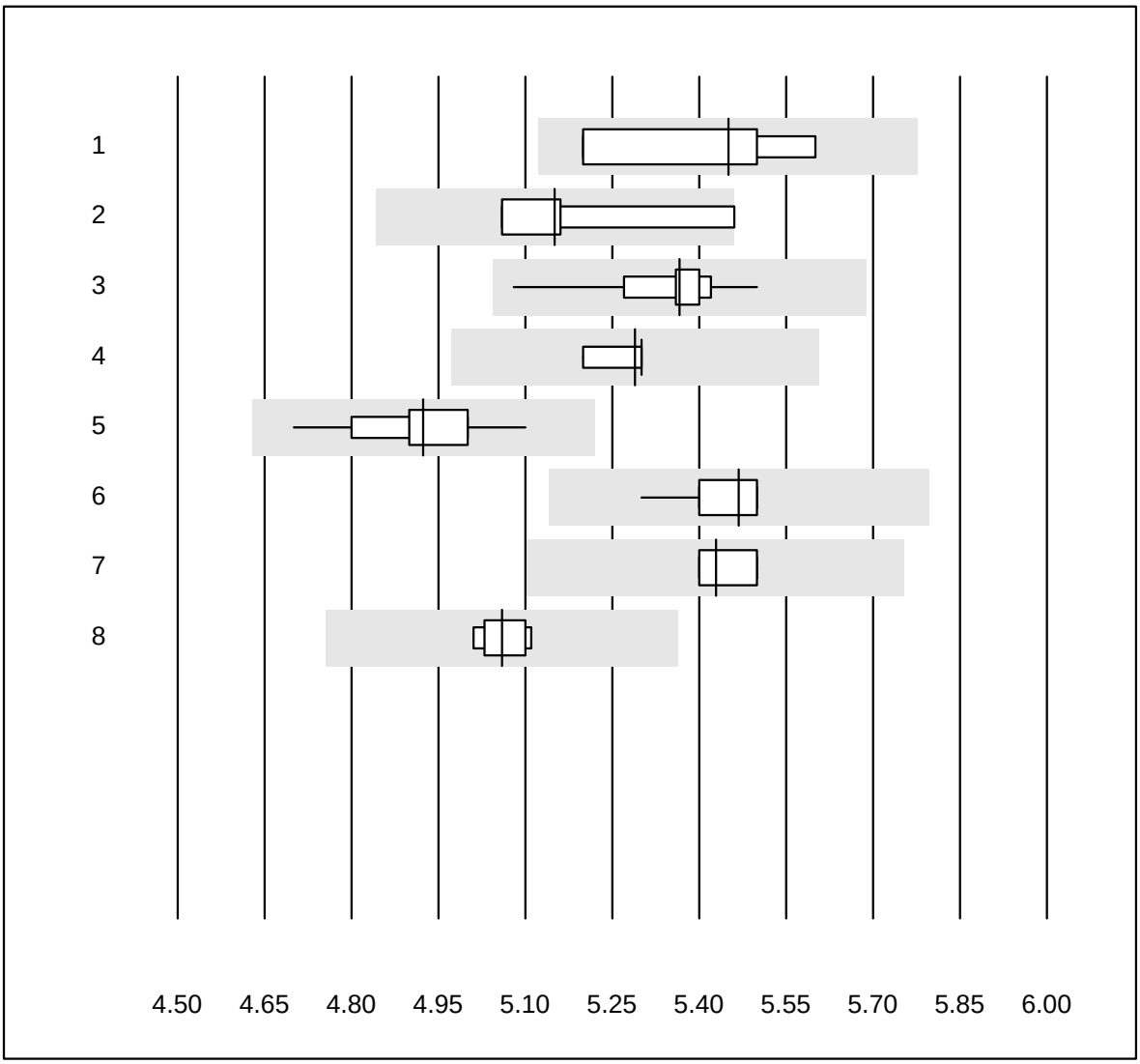


QUALAB Toleranz : 9 %

Hämoglobin BG (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	86	100.0	0.0	0.0	187.8	2.3	e
2	ABL90 FLEX / PLUS	77	96.1	0.0	3.9	188.8	0.6	e
3	ABL80 FLEX CO-OX / O	9	100.0	0.0	0.0	189.0	0.9	e

Kalium BG

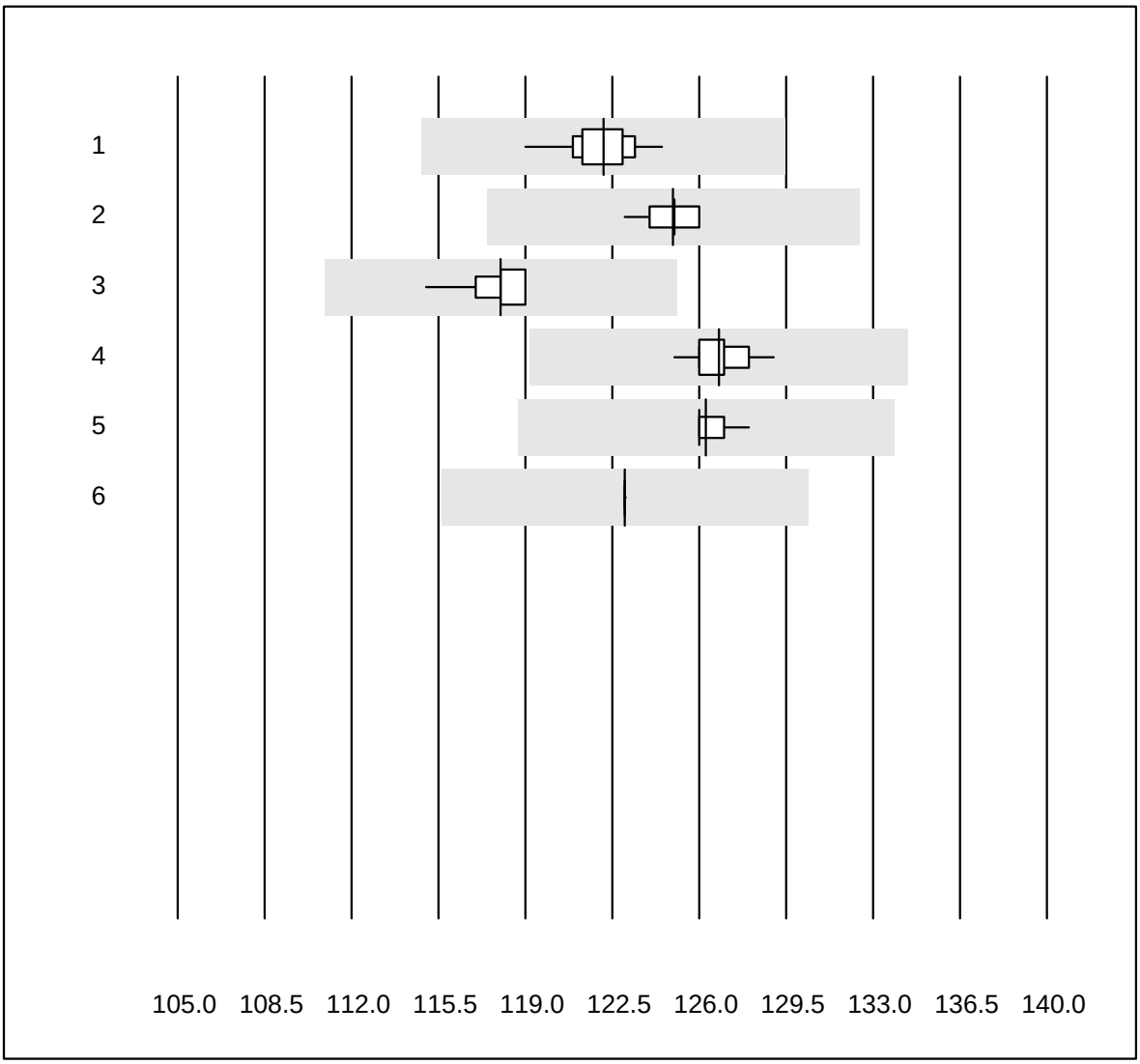


QUALAB Toleranz : 6 %

Kalium BG (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	GEM	4	100.0	0.0	0.0	5.5	3.1	e*
2	ABL80 FLEX	4	75.0	25.0	0.0	5.2	3.4	e*
3	Cobas b 123	20	100.0	0.0	0.0	5.4	1.5	e
4	iStat	19	100.0	0.0	0.0	5.3	0.6	e
5	EPOC	42	100.0	0.0	0.0	4.9	2.1	e
6	ABL700/800	86	100.0	0.0	0.0	5.5	0.9	e
7	ABL90 FLEX / PLUS	83	100.0	0.0	0.0	5.4	0.8	e
8	ABL80 FLEX CO-OX / O	5	100.0	0.0	0.0	5.1	0.9	e

Natrium BG

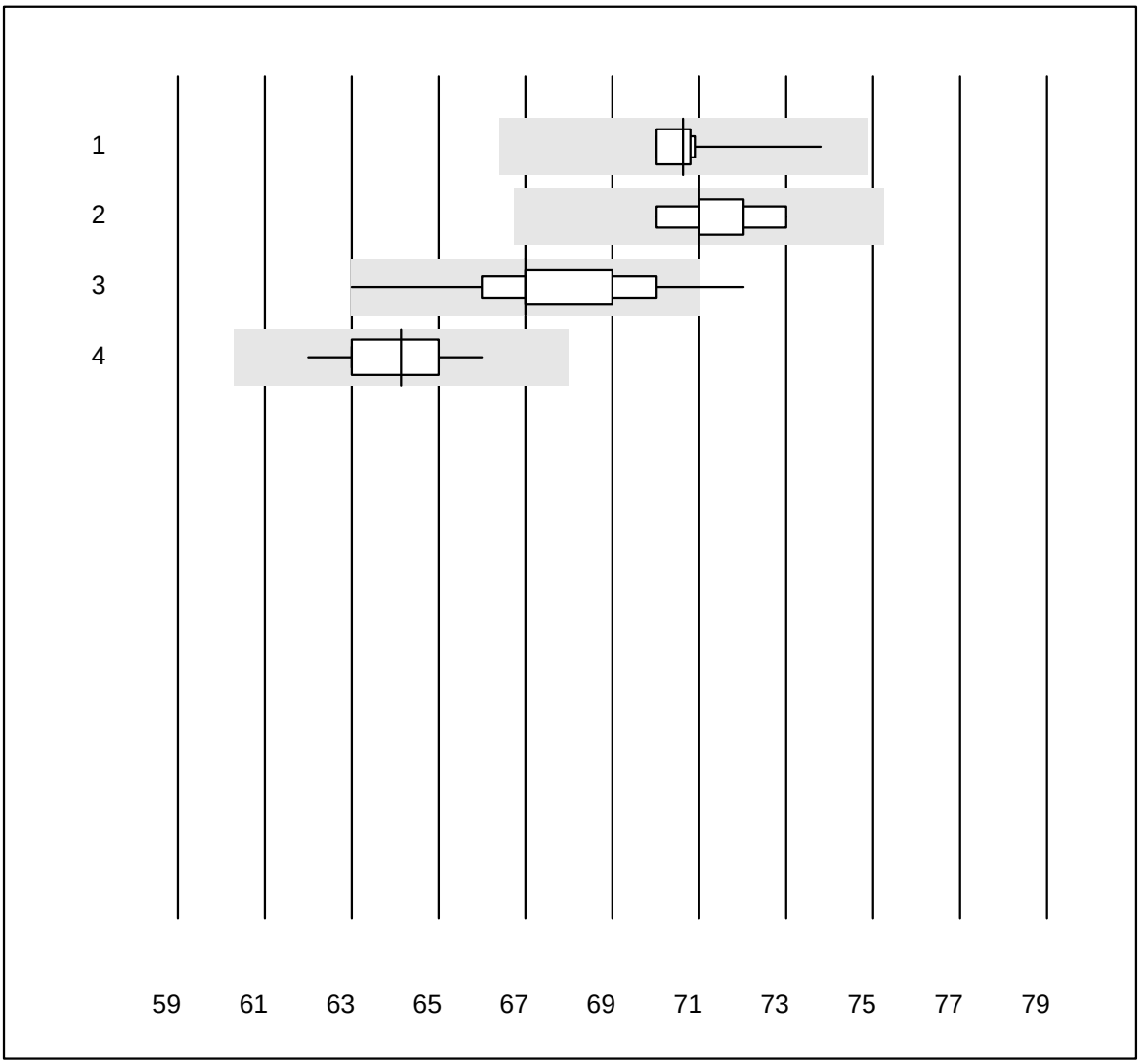


QUALAB Toleranz : 6 %

Natrium BG (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b 123	20	100.0	0.0	0.0	122.2	1.0	e
2	iStat	19	100.0	0.0	0.0	124.9	0.6	e
3	EPOC	40	100.0	0.0	0.0	118.0	0.8	e
4	ABL700/800	84	100.0	0.0	0.0	126.8	0.8	e
5	ABL90 FLEX / PLUS	82	100.0	0.0	0.0	126.3	0.4	e
6	ABL80 FLEX CO-OX / O	5	100.0	0.0	0.0	123.0	0.0	e

Chlorid-BG

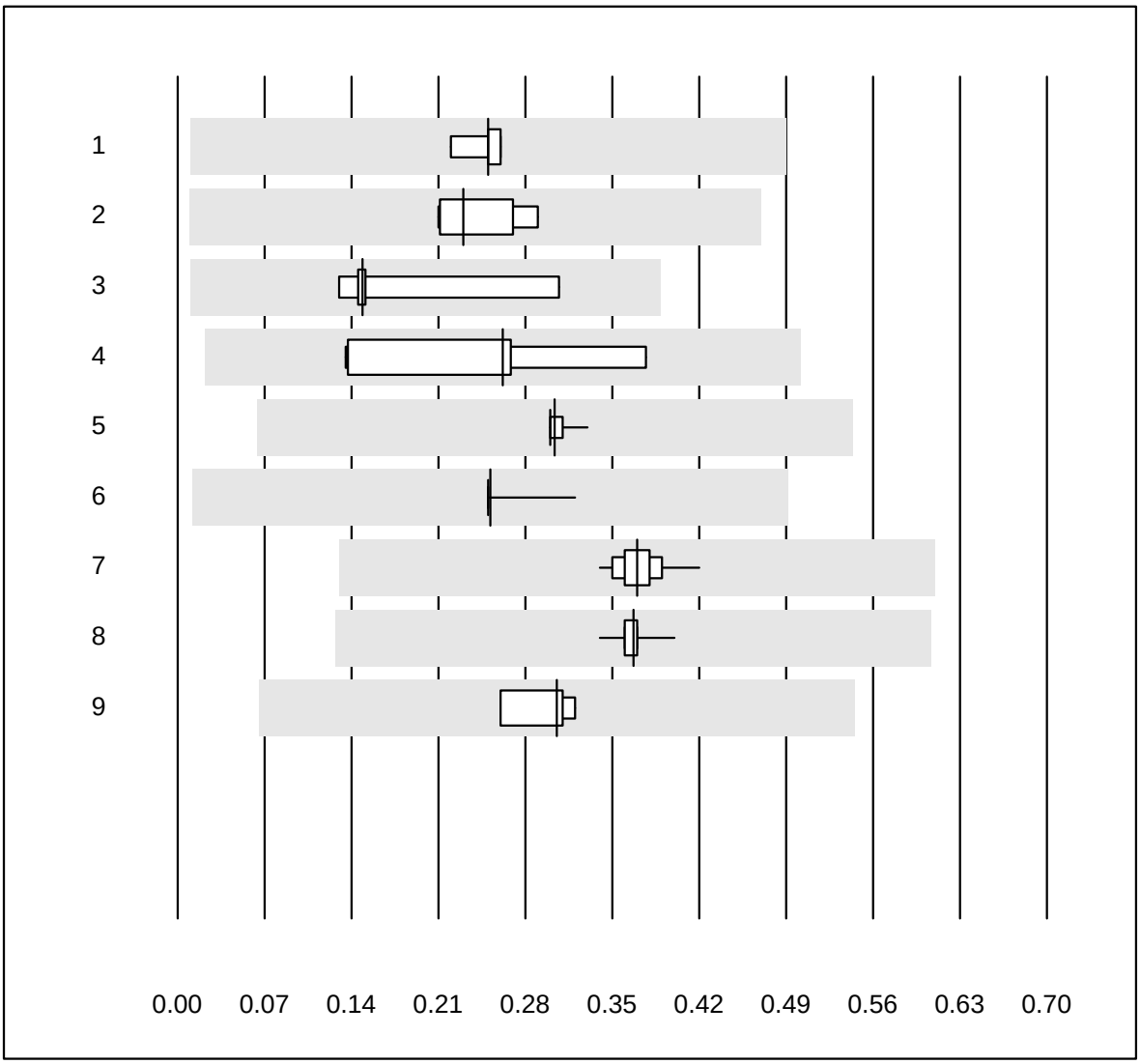


QUALAB Toleranz : 6 %

Chlorid-BG (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b 123	12	100.0	0.0	0.0	70.6	1.5	e
2	EPOC	9	100.0	0.0	0.0	71.0	1.4	e
3	ABL700/800	77	96.1	2.6	1.3	67.0	2.5	e
4	ABL90 FLEX / PLUS	77	100.0	0.0	0.0	64.1	1.5	e

Kalzium-BG

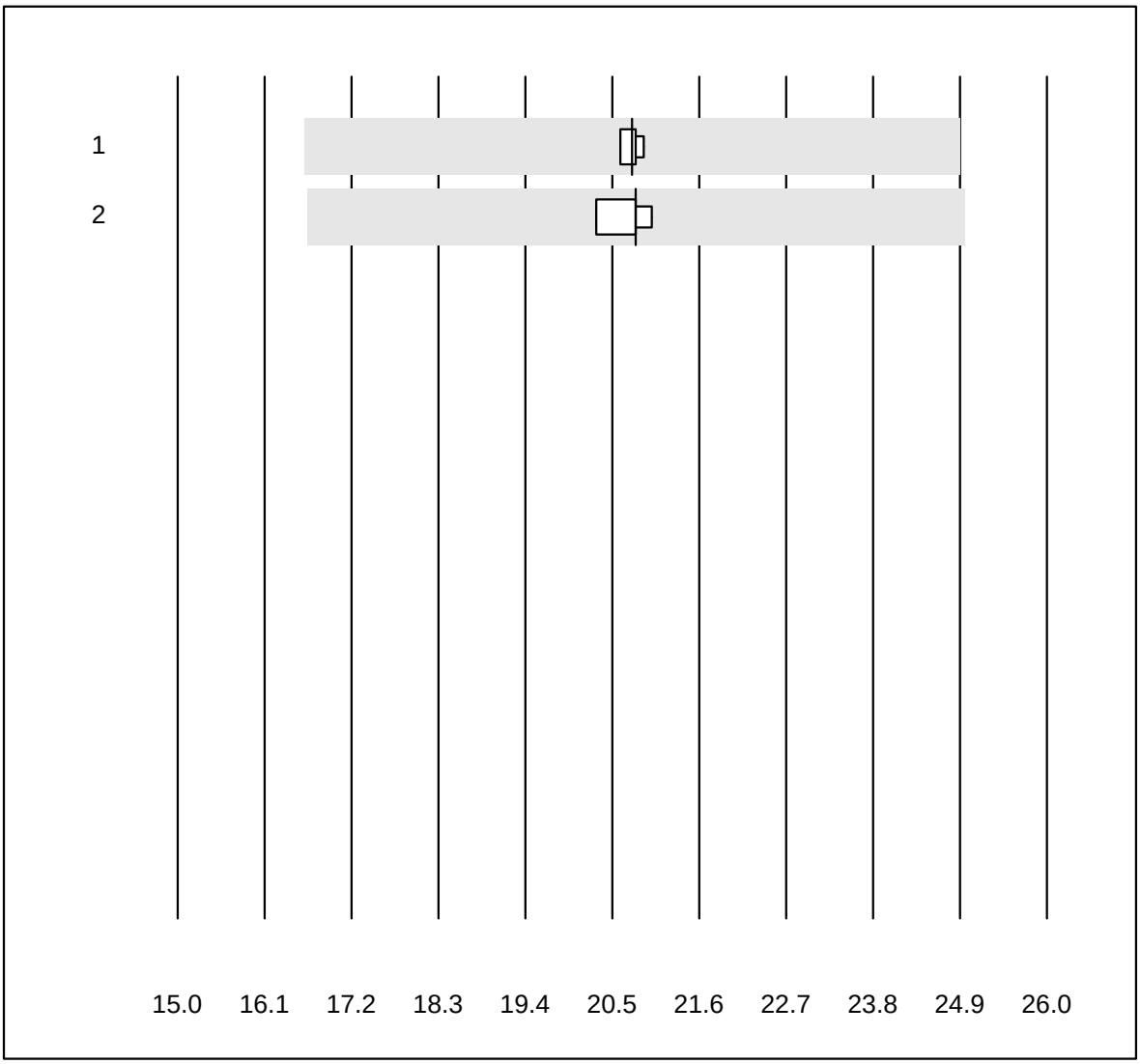


MQ Toleranz : 12 %
(< 2.00: +/- 0.24 mmol/l)

Kalzium-BG (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	GEM	5	100.0	0.0	0.0	0.25	6.6	e*
2	ABL80 FLEX	5	100.0	0.0	0.0	0.23	14.9	e*
3	Cobas b123	9	100.0	0.0	0.0	0.15	32.9	e*
4	Cobas	8	100.0	0.0	0.0	0.26	37.4	e*
5	iStat	12	100.0	0.0	0.0	0.30	2.9	e
6	EPOC	37	100.0	0.0	0.0	0.25	4.6	e
7	ABL700/800	86	100.0	0.0	0.0	0.37	4.4	e
8	ABL90 FLEX / PLUS	81	100.0	0.0	0.0	0.37	1.9	e
9	ABL80 FLEX CO-OX / O	4	100.0	0.0	0.0	0.31	8.8	e*

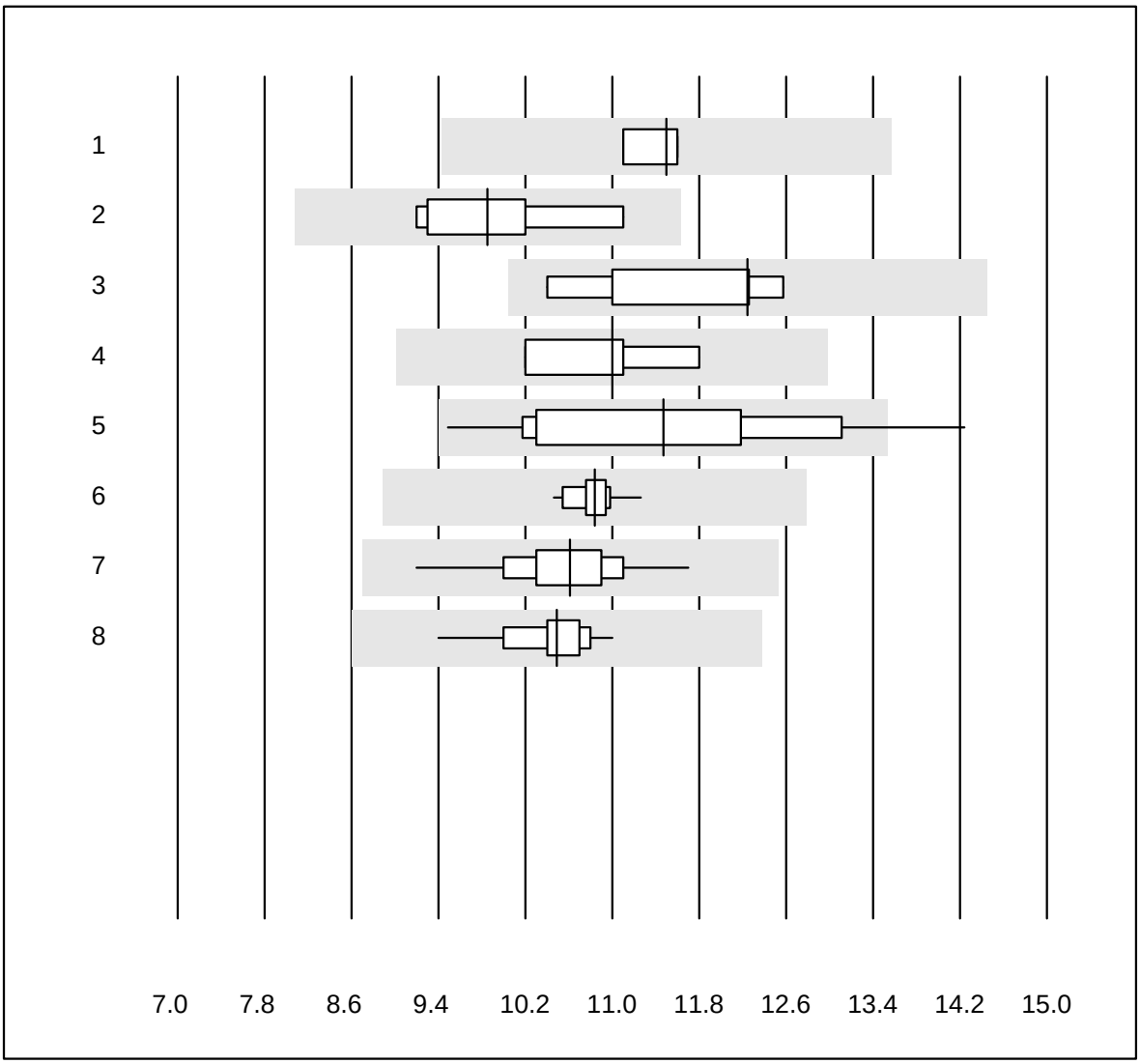
FHHb



MQ Toleranz : 20 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL90 FLEX / PLUS	4	100.0	0.0	0.0	20.750	0.6	e
2	ABL80 FLEX CO-OX / O	4	100.0	0.0	0.0	20.800	1.4	e

Laktat-BG

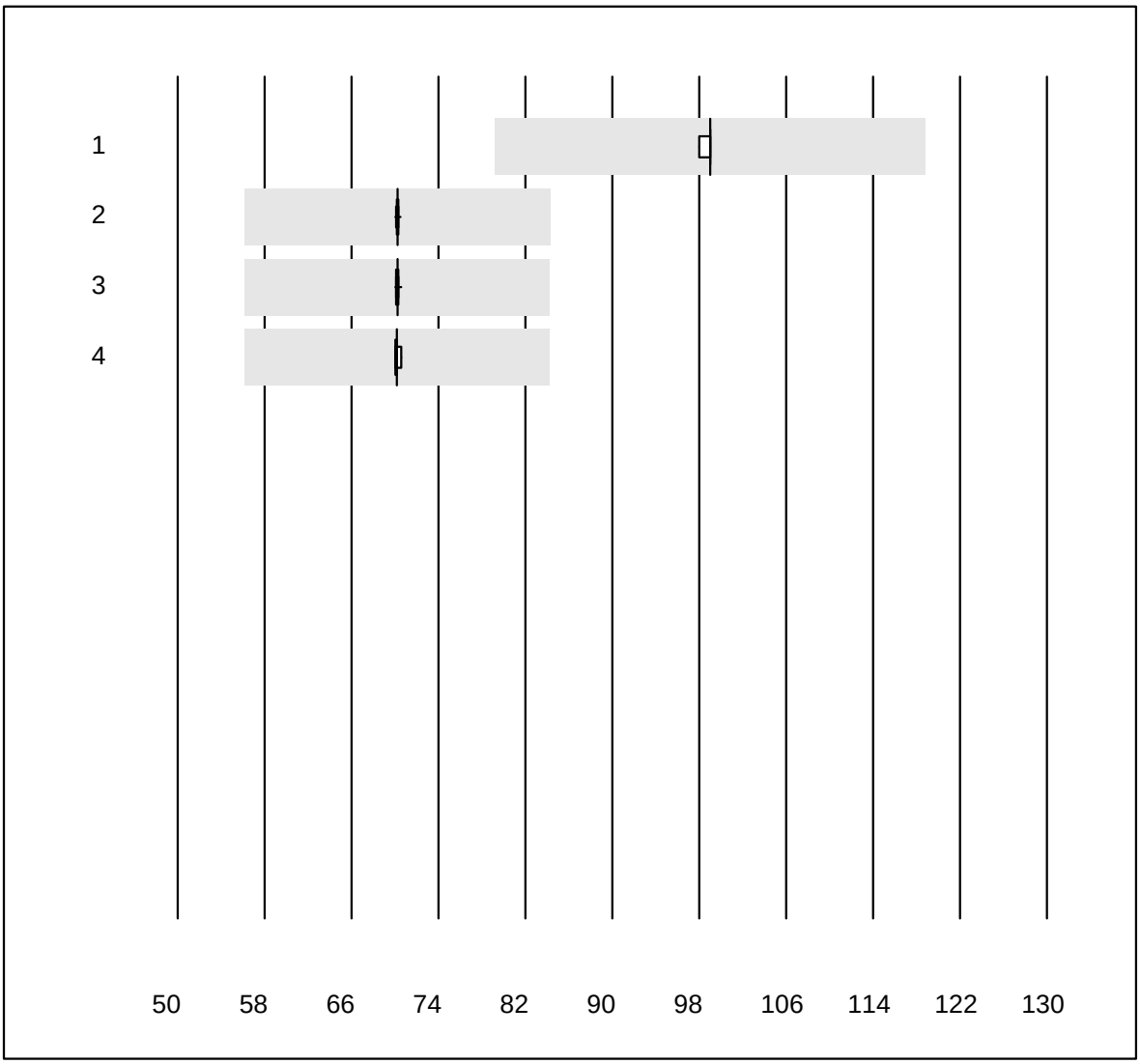


QUALAB Toleranz : 18 %

Laktat-BG (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	GEM	4	100.0	0.0	0.0	11.50	2.1	e
2	Cobas b123	8	100.0	0.0	0.0	9.85	6.1	e
3	Cobas	6	83.3	0.0	16.7	12.25	8.0	e*
4	IL	4	100.0	0.0	0.0	11.00	6.0	e*
5	EPOC	37	91.9	5.4	2.7	11.47	10.7	e
6	iStat	14	100.0	0.0	0.0	10.84	1.8	e
7	ABL700/800	88	100.0	0.0	0.0	10.61	4.4	e
8	ABL90 FLEX / PLUS	82	100.0	0.0	0.0	10.49	3.3	e

sO2 OR

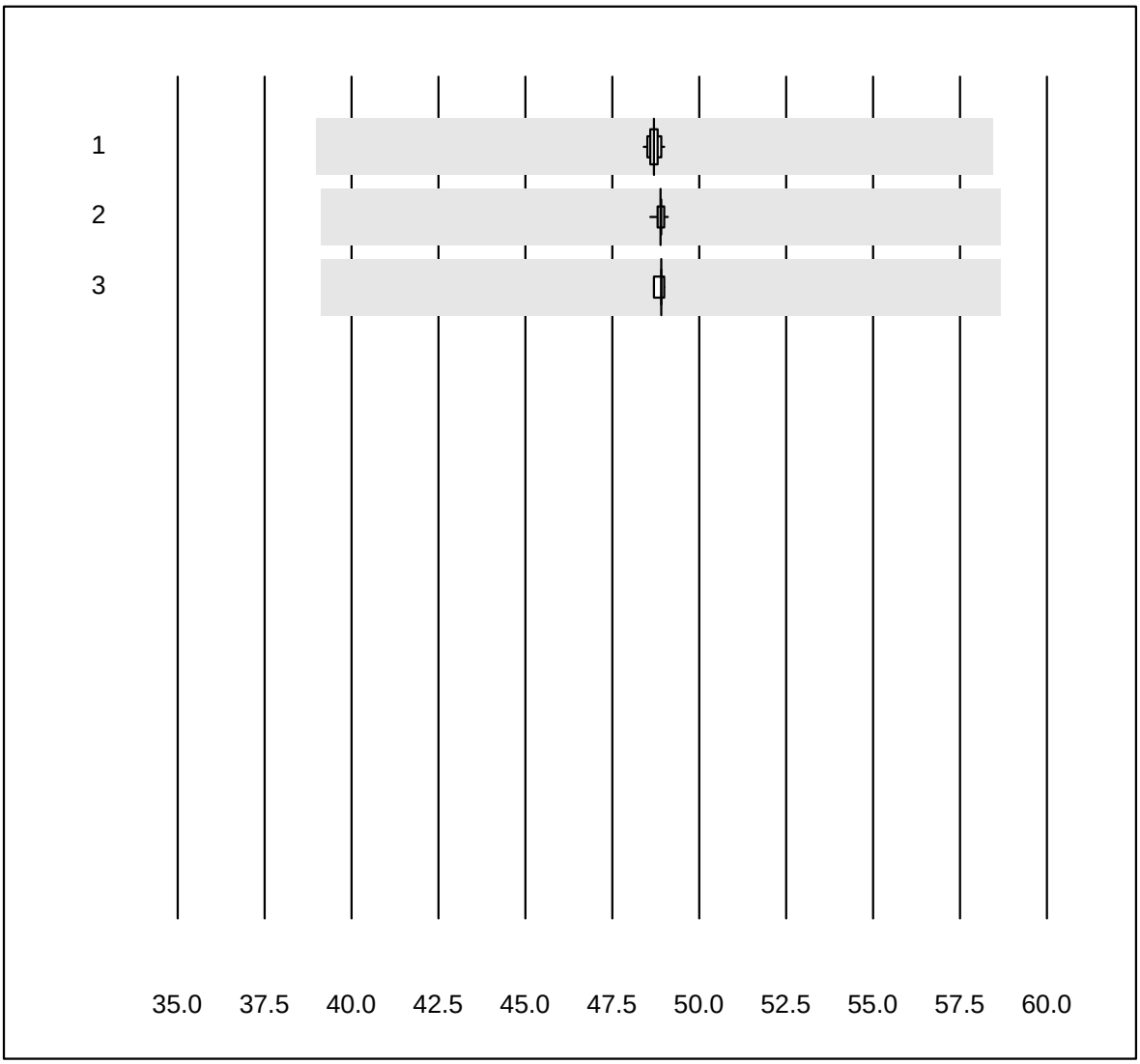


MQ Toleranz : 20 %

sO2 OR (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat	9	100.0	0.0	0.0	99.000	0.4	e
2	ABL700/800	76	97.4	0.0	2.6	70.222	0.1	e
3	ABL90 FLEX / PLUS	73	98.6	0.0	1.4	70.207	0.1	e
4	ABL80 FLEX CO-OX / O	9	88.9	0.0	11.1	70.200	0.3	e

FO2Hb OR

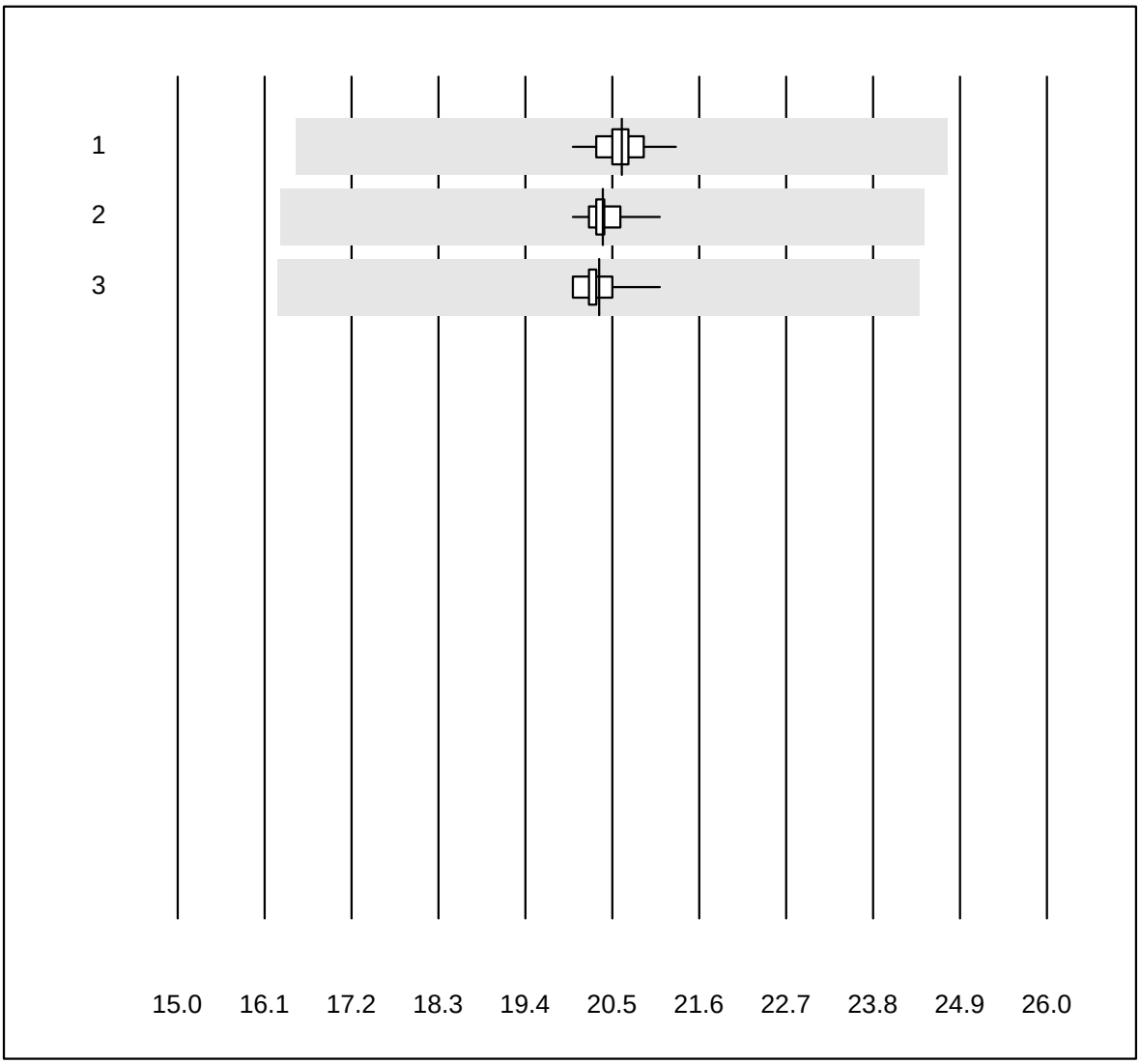


MQ Toleranz : 20 %

FO2Hb OR (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	75	97.3	0.0	2.7	48.701	0.3	e
2	ABL90 FLEX / PLUS	72	100.0	0.0	0.0	48.892	0.2	e
3	ABL80 FLEX CO-OX / O	10	100.0	0.0	0.0	48.900	0.2	e

FCOHb OR

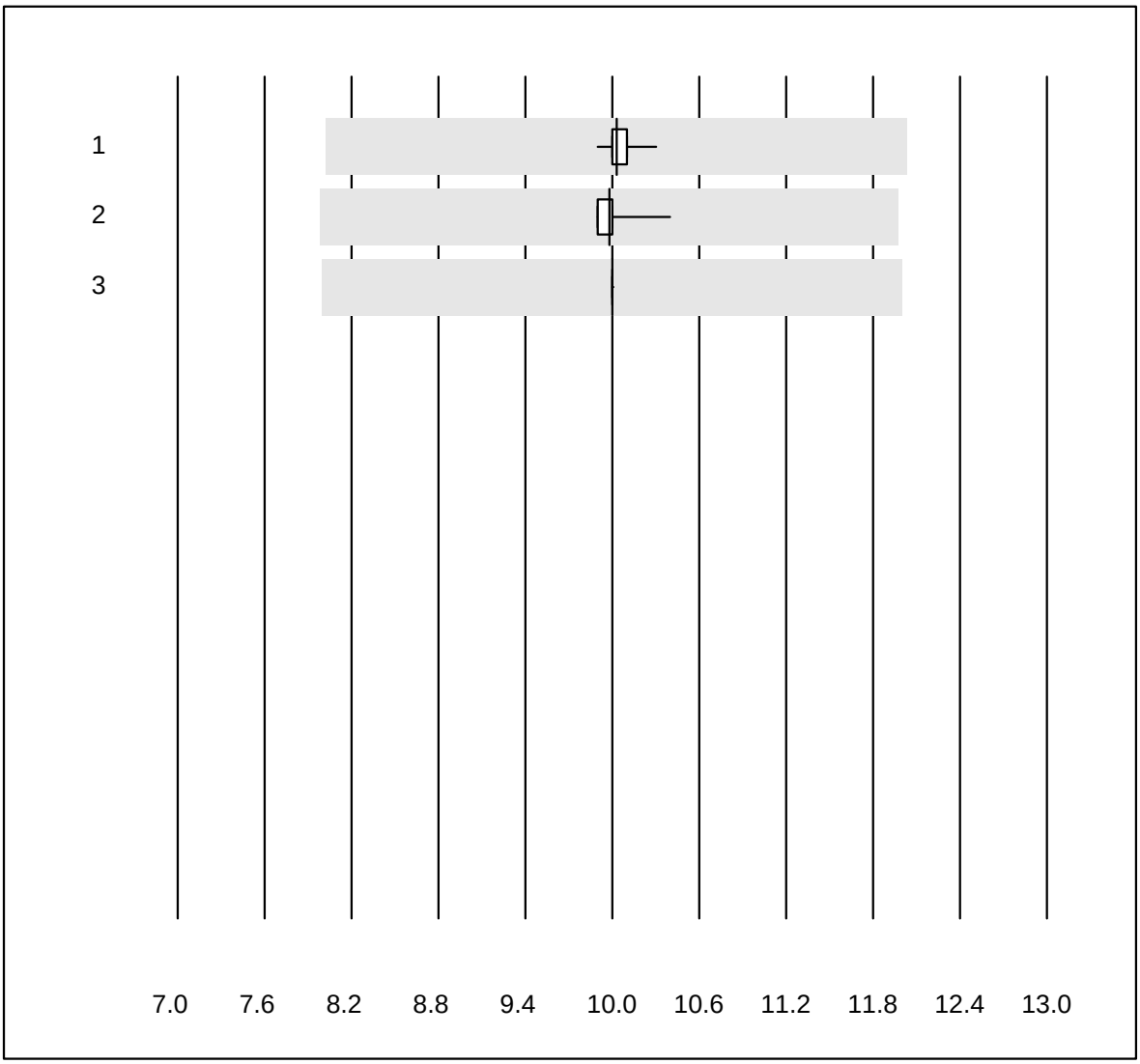


MQ Toleranz : 20 %

FCOHb OR (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	77	97.4	0.0	2.6	20.623	1.1	e
2	ABL90 FLEX / PLUS	71	100.0	0.0	0.0	20.378	0.8	e
3	ABL80 FLEX CO-OX / O	10	100.0	0.0	0.0	20.330	1.5	e

FMetHb OR

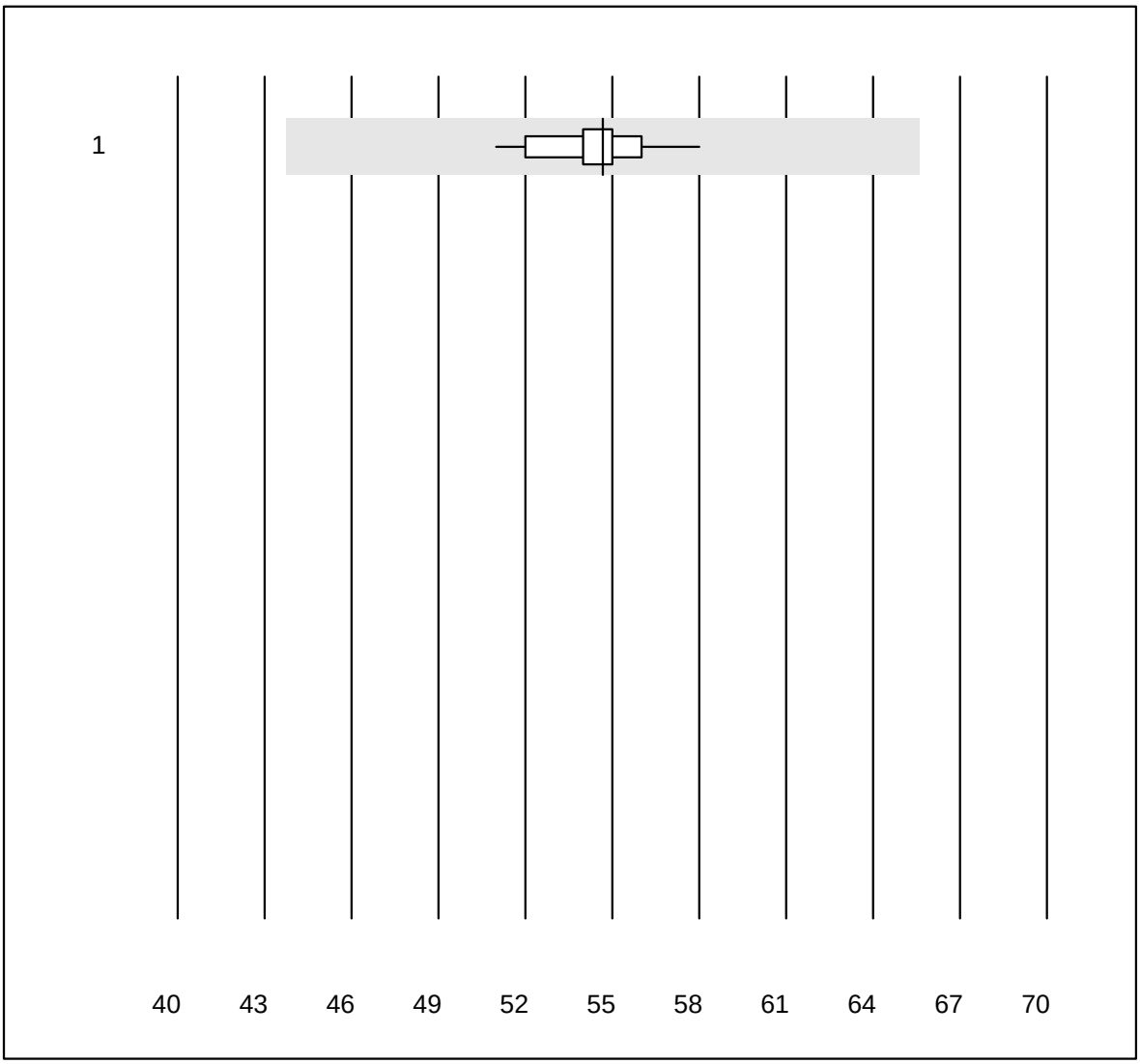


MQ Toleranz : 20 %

FMetHb OR (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	77	97.4	0.0	2.6	10.031	0.8	e
2	ABL90 FLEX / PLUS	71	100.0	0.0	0.0	9.979	0.7	e
3	ABL80 FLEX CO-OX / O	10	100.0	0.0	0.0	10.000	0.0	e

FHbF OR

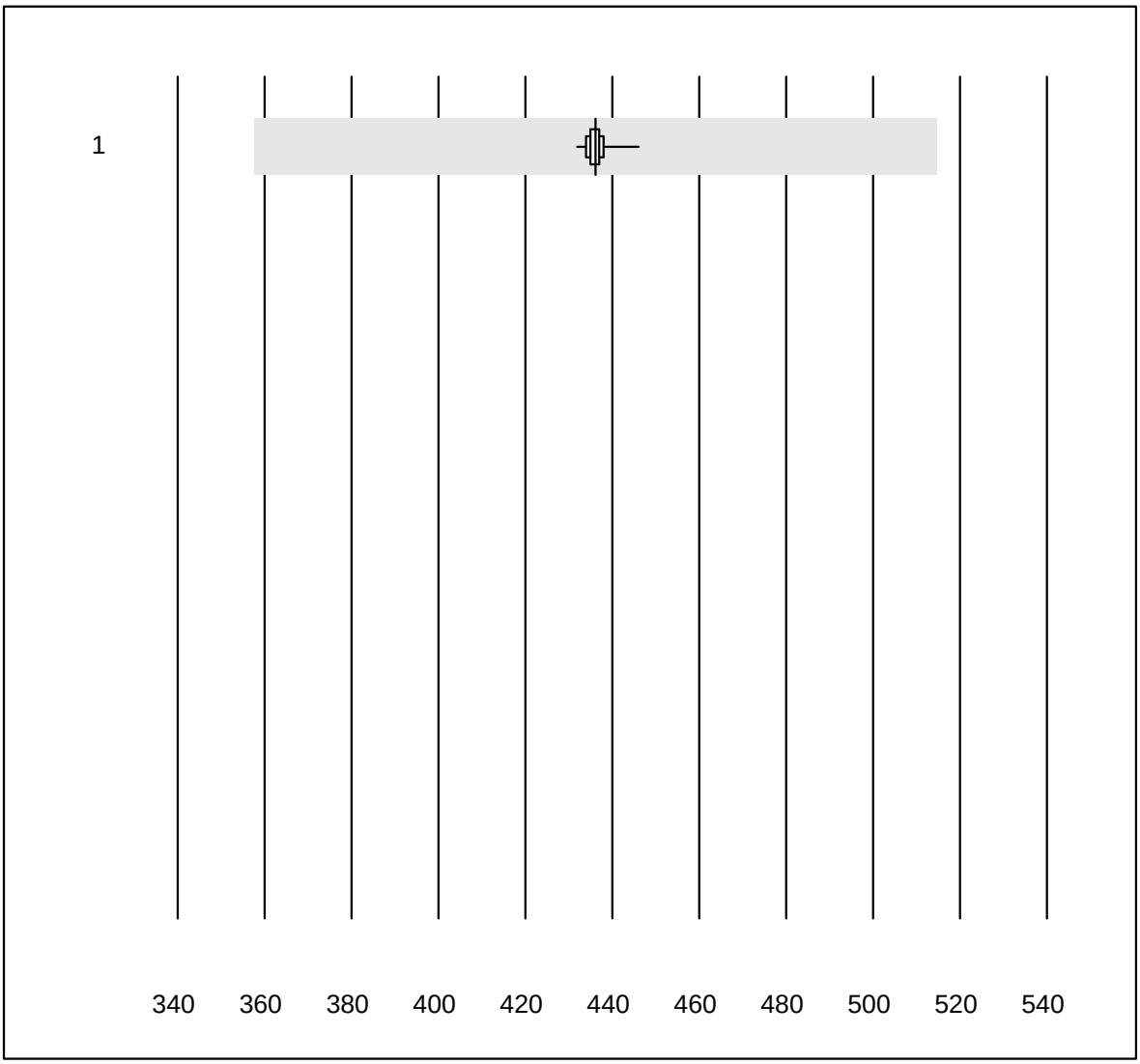


MQ Toleranz : 20 %

FHbF OR (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL90 FLEX / PLUS	25	100.0	0.0	0.0	54.680	2.8	e

Bilirubin OR

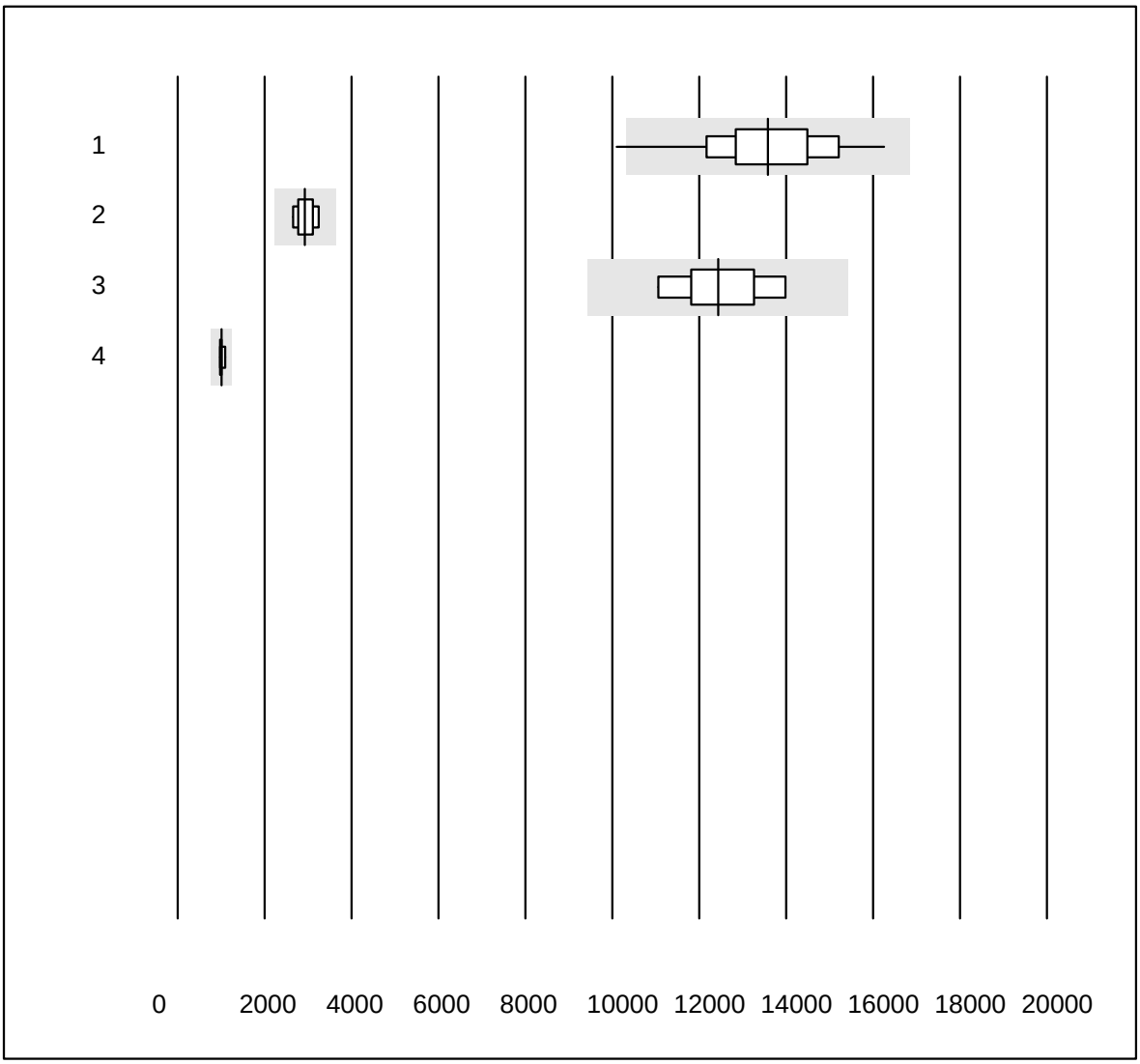


QUALAB Toleranz : 18 %

Bilirubin OR (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL90 FLEX / PLUS	31	100.0	0.0	0.0	436.2	0.6	e

Troponin I

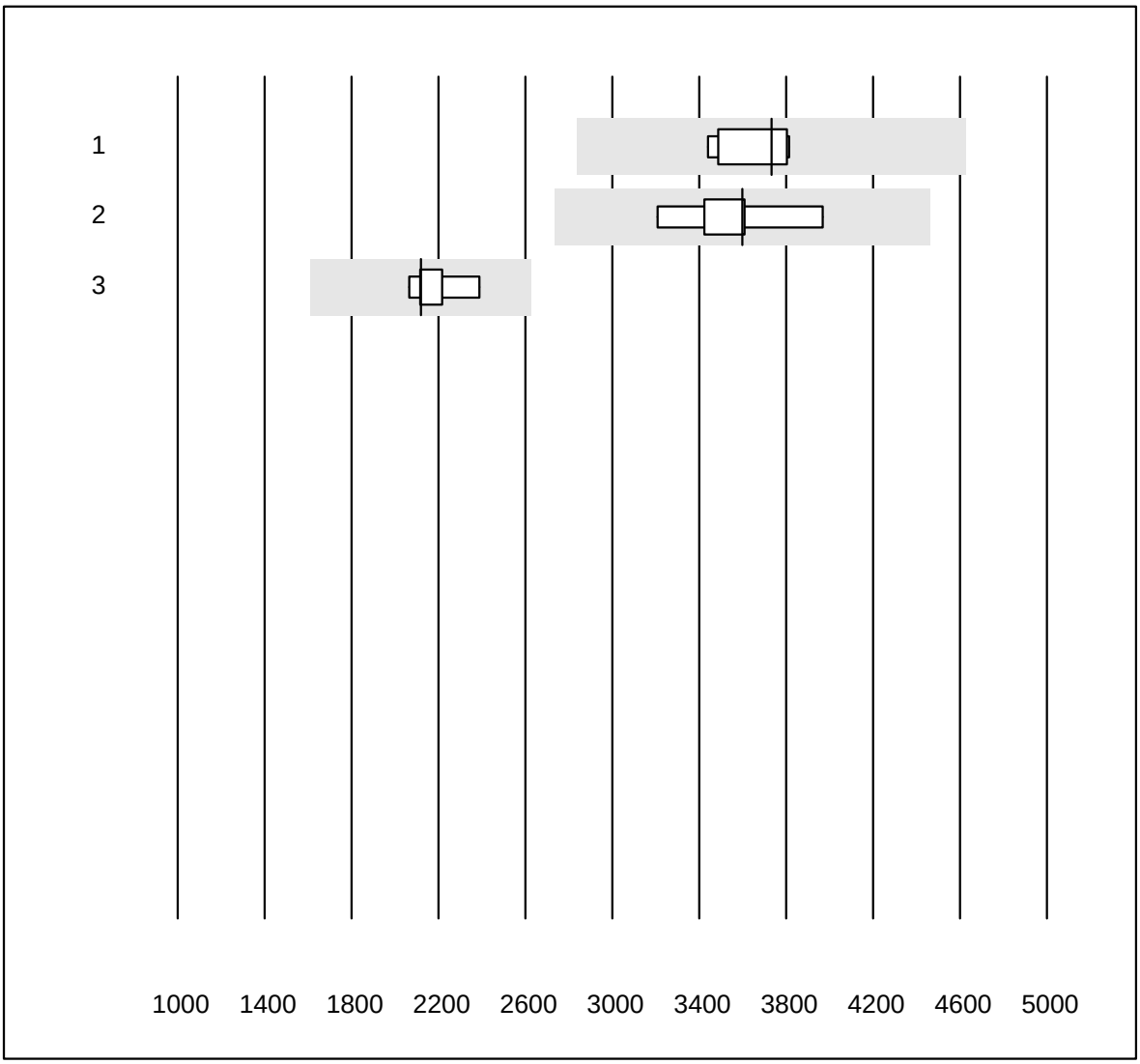


QUALAB Toleranz : 24 %

Troponin I (ng/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Vidas	11	90.9	9.1	0.0	13584.3	12.0	e*
2	Architect High Sensi	9	100.0	0.0	0.0	2921.0	6.8	e
3	andere Methoden	7	100.0	0.0	0.0	12438.0	7.9	e*
4	AQT 90 FLEX	5	100.0	0.0	0.0	1000.0	5.0	e

Troponin T

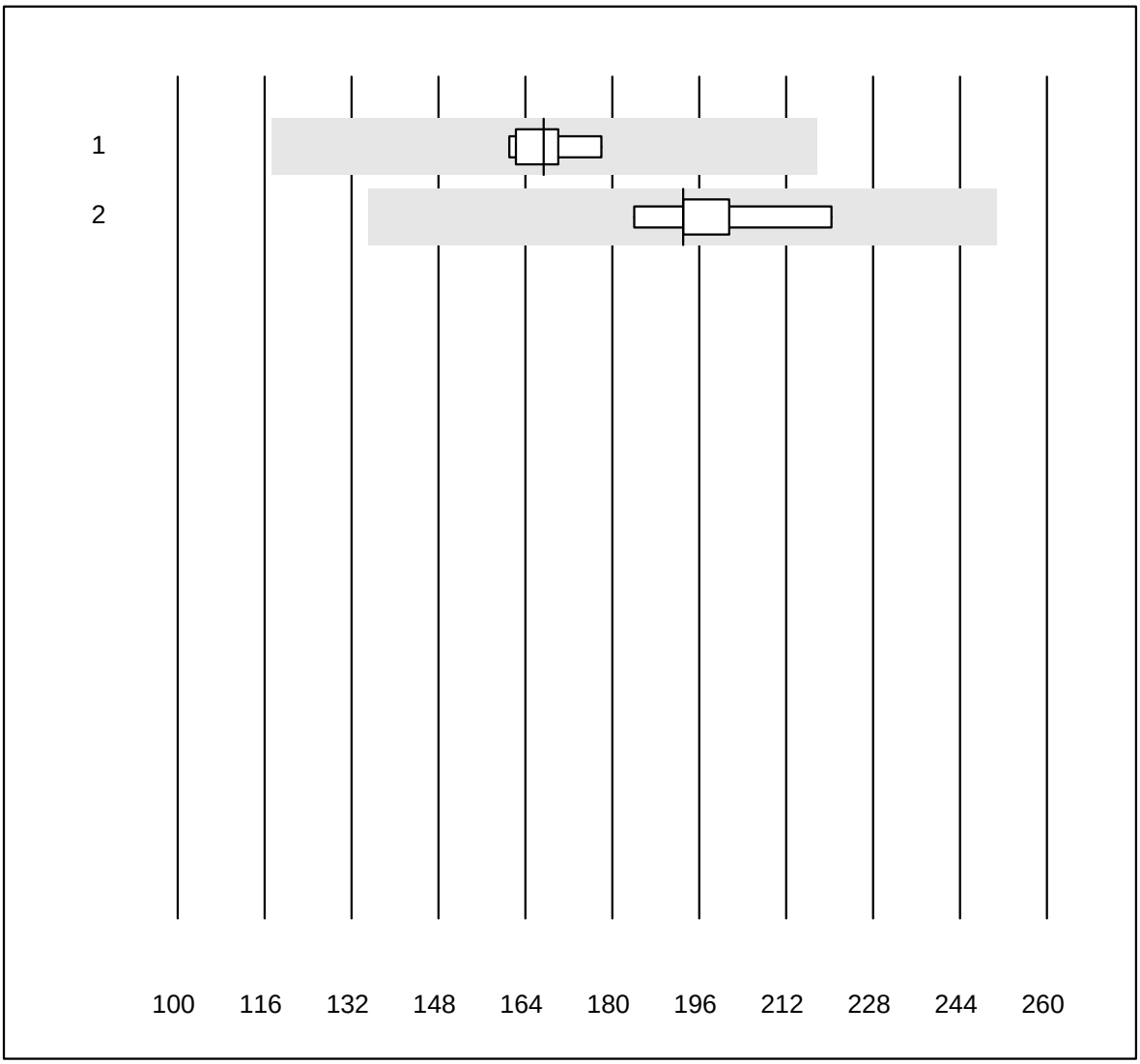


QUALAB Toleranz : 24 %

Troponin T (ng/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas hs	7	100.0	0.0	0.0	3732.00	4.4	e
2	Cobas hs STAT	8	100.0	0.0	0.0	3598.00	6.2	e
3	Cobas E / Elecsys	5	100.0	0.0	0.0	2119.00	5.9	e

Myoglobin

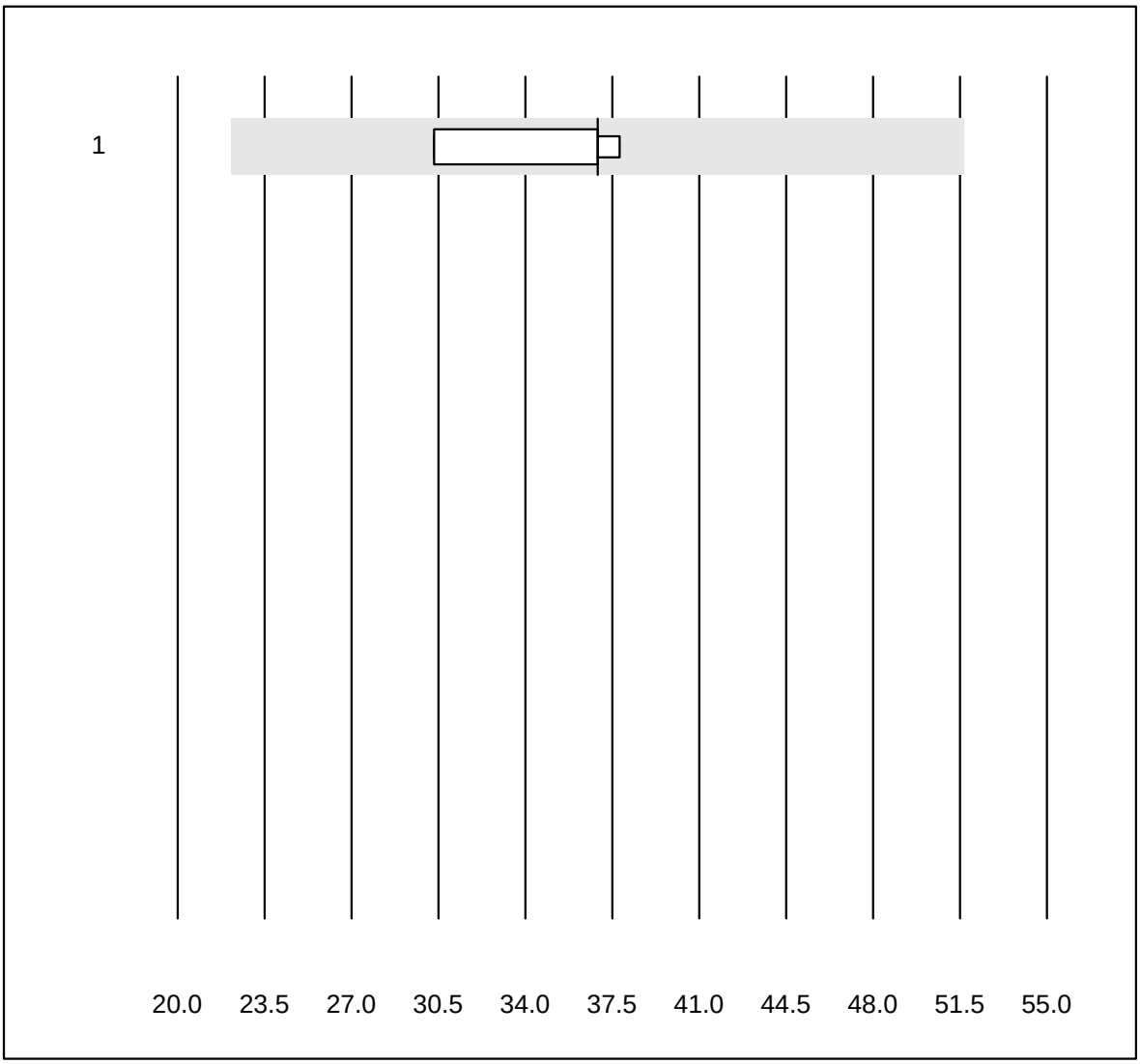


QUALAB Toleranz : 30 %

Myoglobin (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	167.4	3.7	e
2	Architect	5	100.0	0.0	0.0	193.0	6.9	e

CK-MB Masse

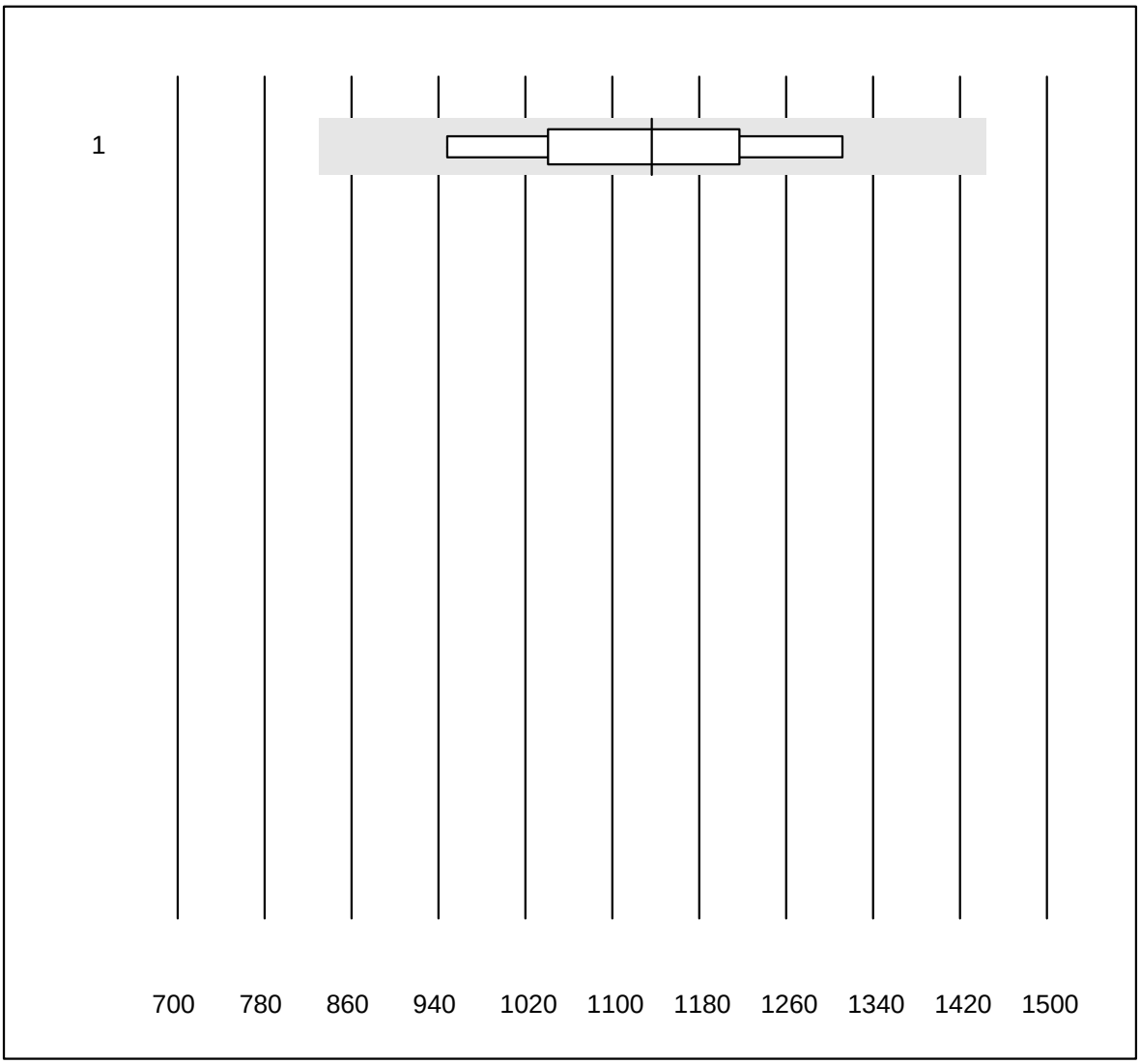


MQ Toleranz : 40 %

CK-MB Masse (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	36.9	11.1	e*

BNP

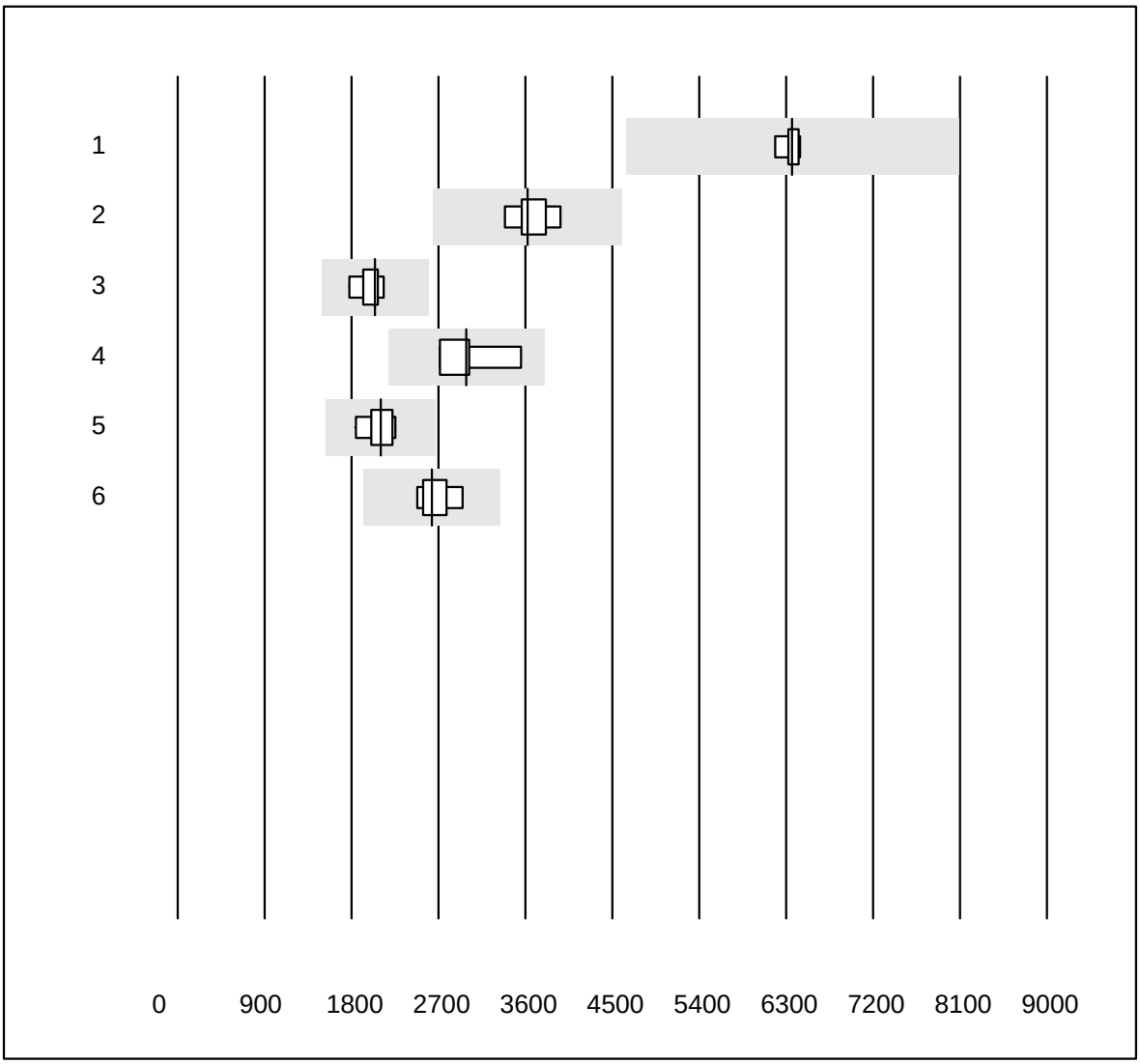


QUALAB Toleranz : 27 %

BNP (ng/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	andere Methoden	6	100.0	0.0	0.0	1136.4	11.3	e*

NT-proBNP

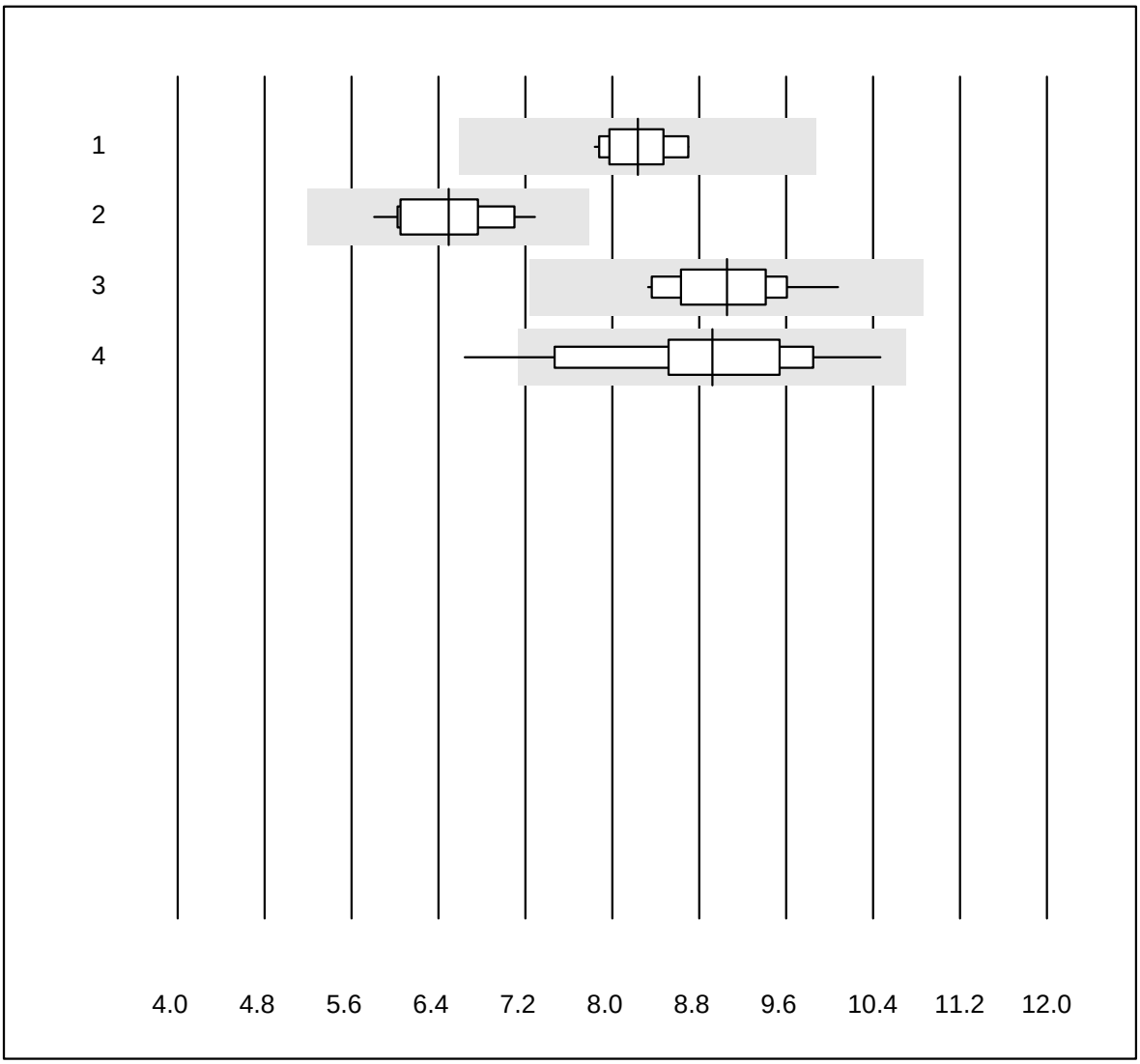


QUALAB Toleranz : 27 %

NT-proBNP (ng/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Pathfast	6	100.0	0.0	0.0	6363.5	1.5	e
2	AQT 90 FLEX	5	100.0	0.0	0.0	3620.0	6.0	e
3	VIDAS	8	100.0	0.0	0.0	2042.0	5.7	e
4	andere Methoden	5	80.0	0.0	20.0	2989.5	11.5	a
5	Cobas E / Elecsys	16	100.0	0.0	0.0	2104.2	6.6	e
6	Architect	7	100.0	0.0	0.0	2629.0	6.0	e

TSH

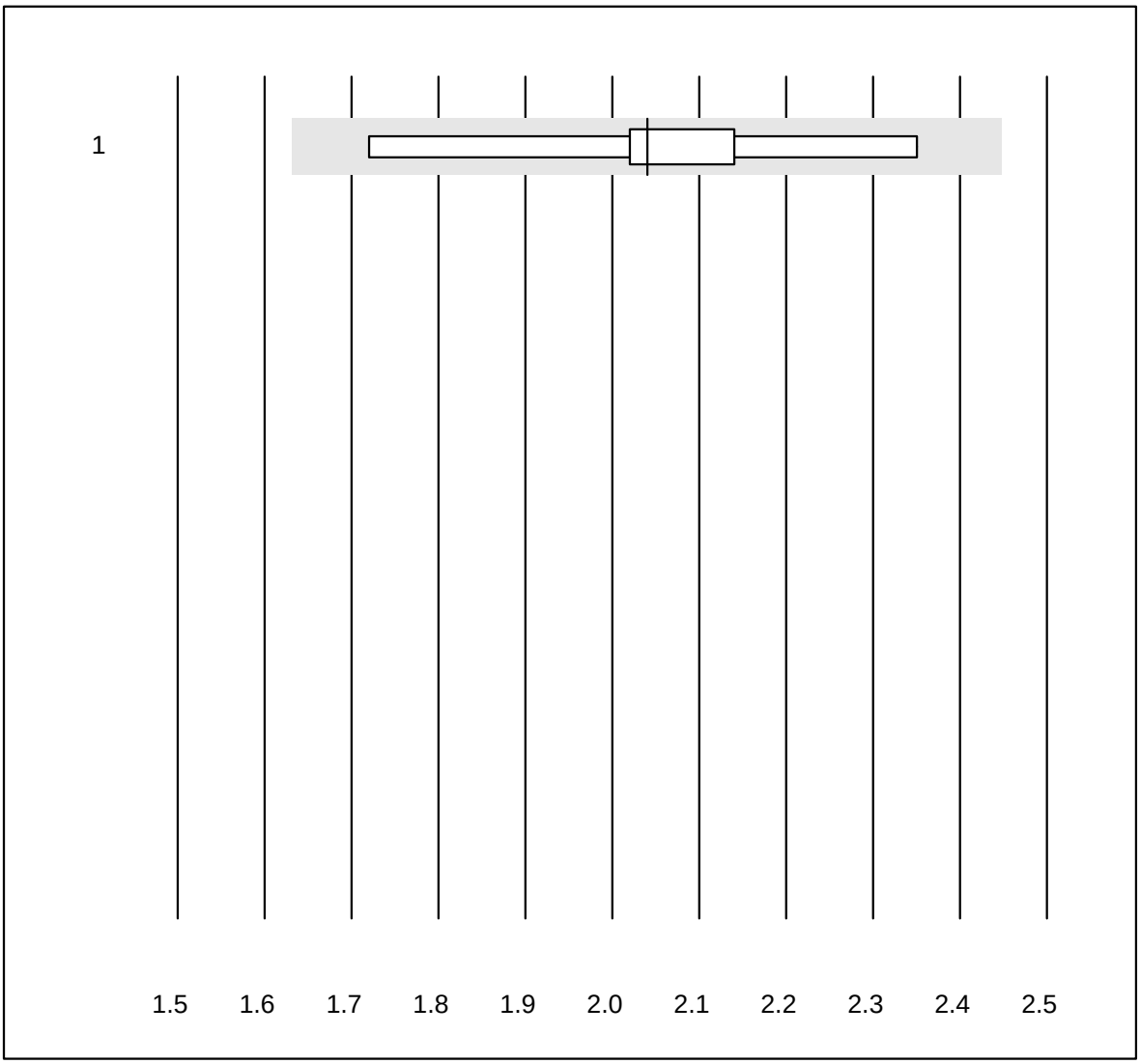


QUALAB Toleranz : 20 %

TSH (mU/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	16	100.0	0.0	0.0	8.23	3.4	e
2	Architect	11	100.0	0.0	0.0	6.49	6.9	e
3	VIDAS	15	100.0	0.0	0.0	9.05	5.5	e
4	AFIAS	37	91.9	2.7	5.4	8.92	9.7	e

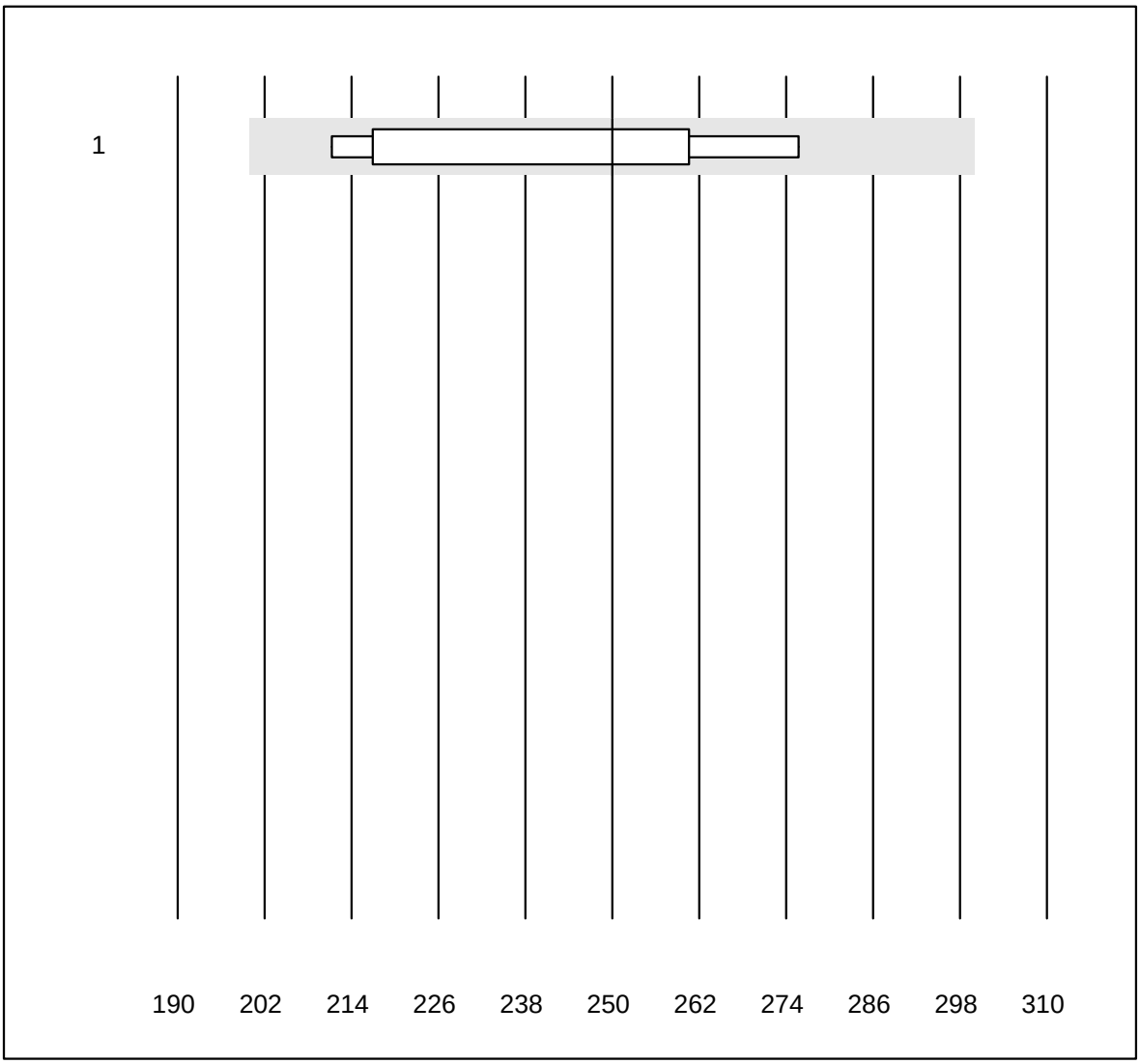
T3



MQ Toleranz : 20 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AFIAS	9	100.0	0.0	0.0	2.0	8.3	e*

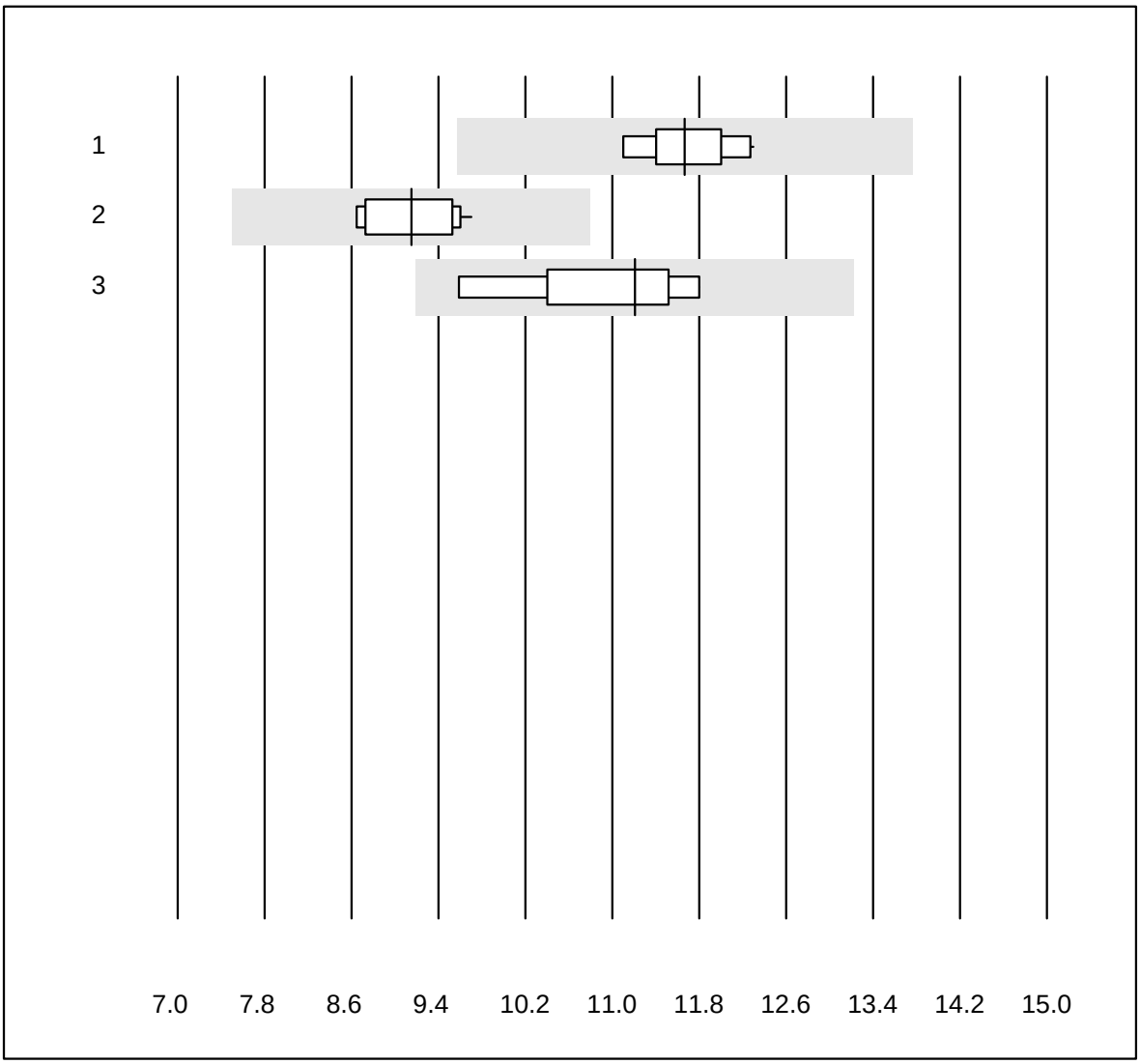
T4



MQ Toleranz : 20 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AFIAS	9	100.0	0.0	0.0	250	9.9	e*

FT3

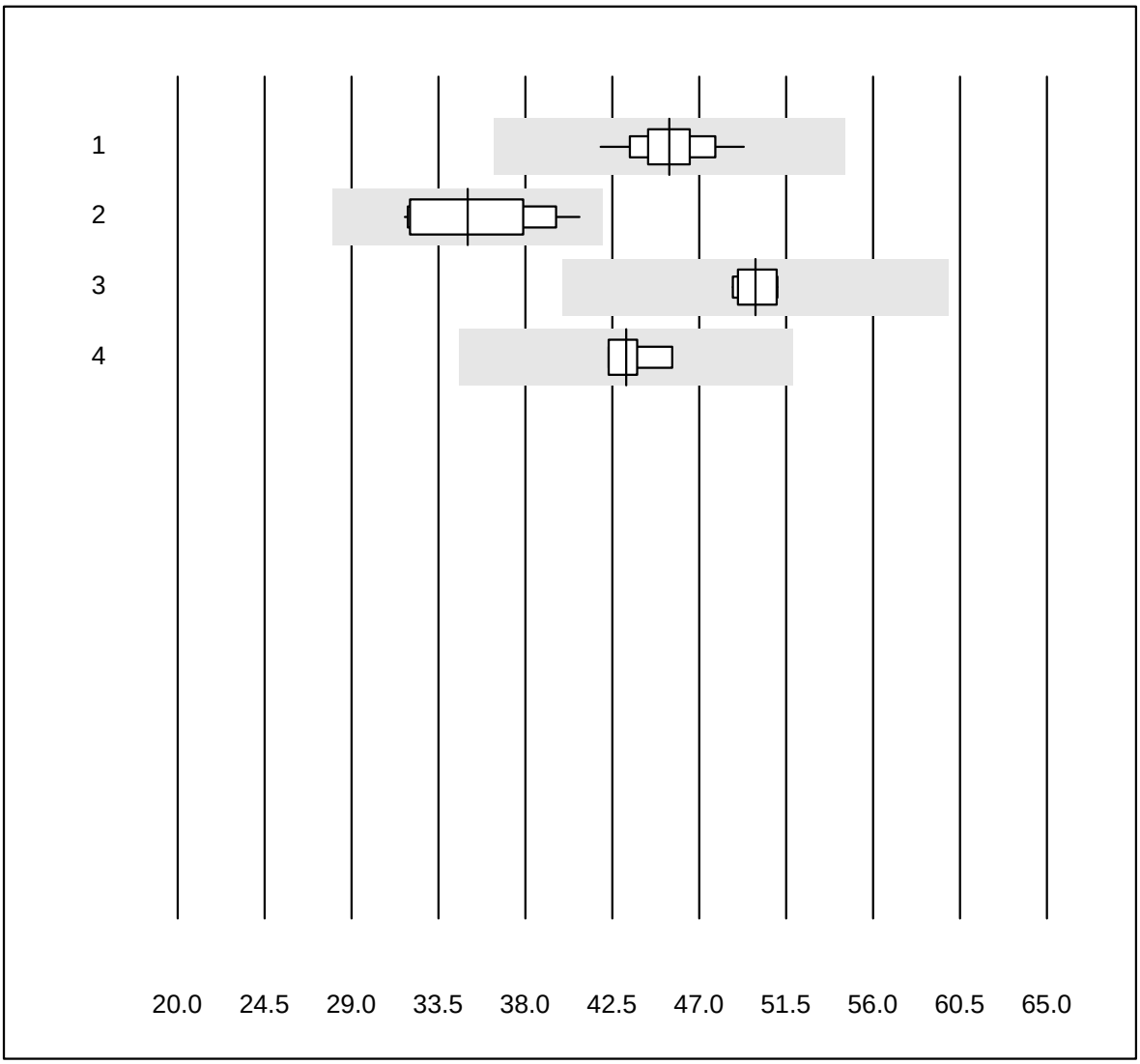


QUALAB Toleranz : 18 %

FT3 (pmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	16	100.0	0.0	0.0	11.7	3.2	e
2	Architect	10	100.0	0.0	0.0	9.2	4.5	e
3	VIDAS	7	100.0	0.0	0.0	11.2	7.0	e*

FT4

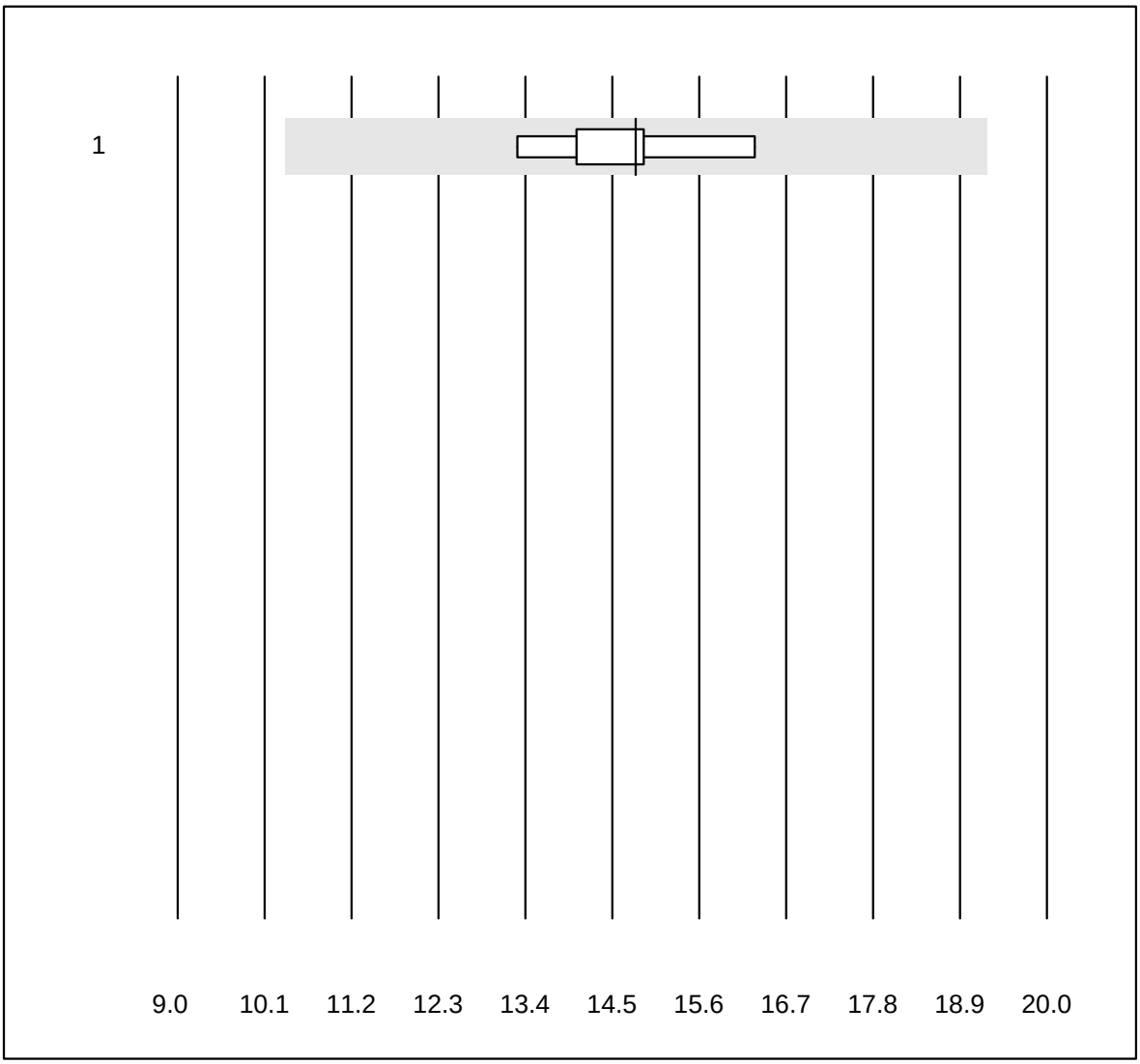


QUALAB Toleranz : 20 %

FT4 (pmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	16	100.0	0.0	0.0	45.5	4.0	e
2	Architect	11	100.0	0.0	0.0	35.0	9.4	e*
3	VIDAS	7	100.0	0.0	0.0	49.9	1.9	e
4	andere Methoden	4	100.0	0.0	0.0	43.2	3.4	e

Testosteron

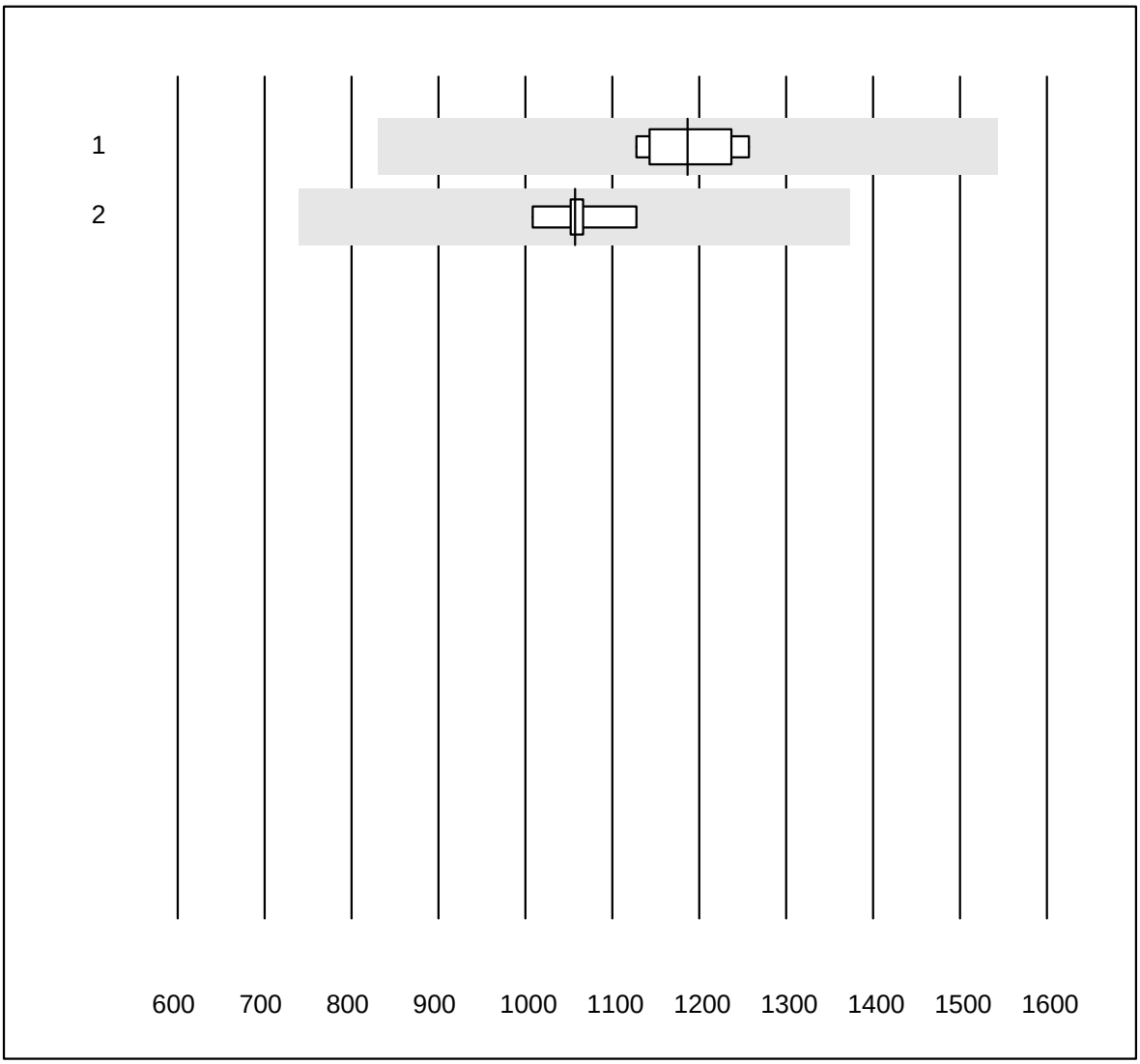


QUALAB Toleranz : 30 %

Testosteron (nmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	8	100.0	0.0	0.0	14.8	5.8	e

Estradiol

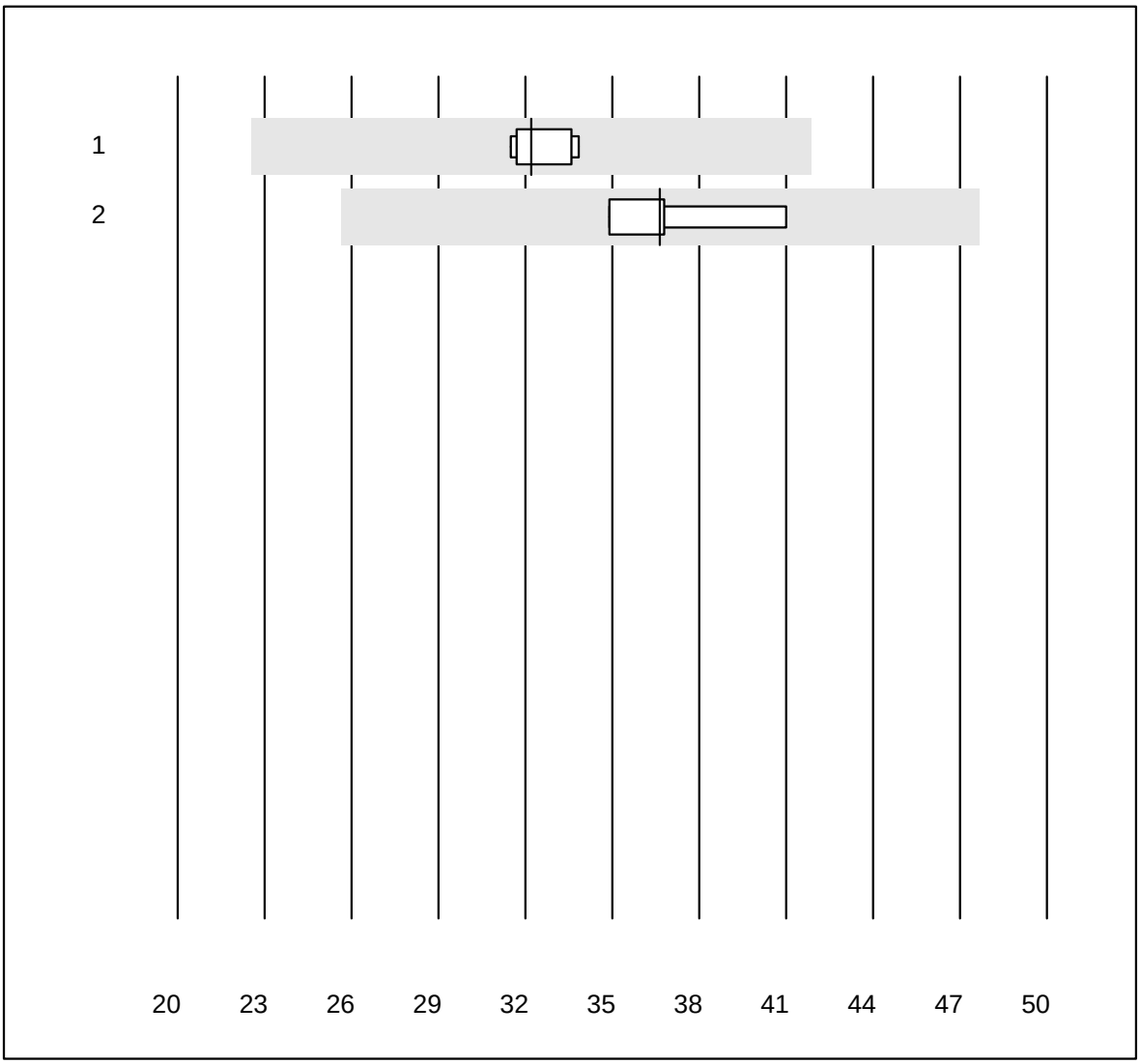


QUALAB Toleranz : 30 %

Estradiol (pmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	7	100.0	0.0	0.0	1187	4.2	e
2	Architect	5	100.0	0.0	0.0	1057	4.1	e

SHBG

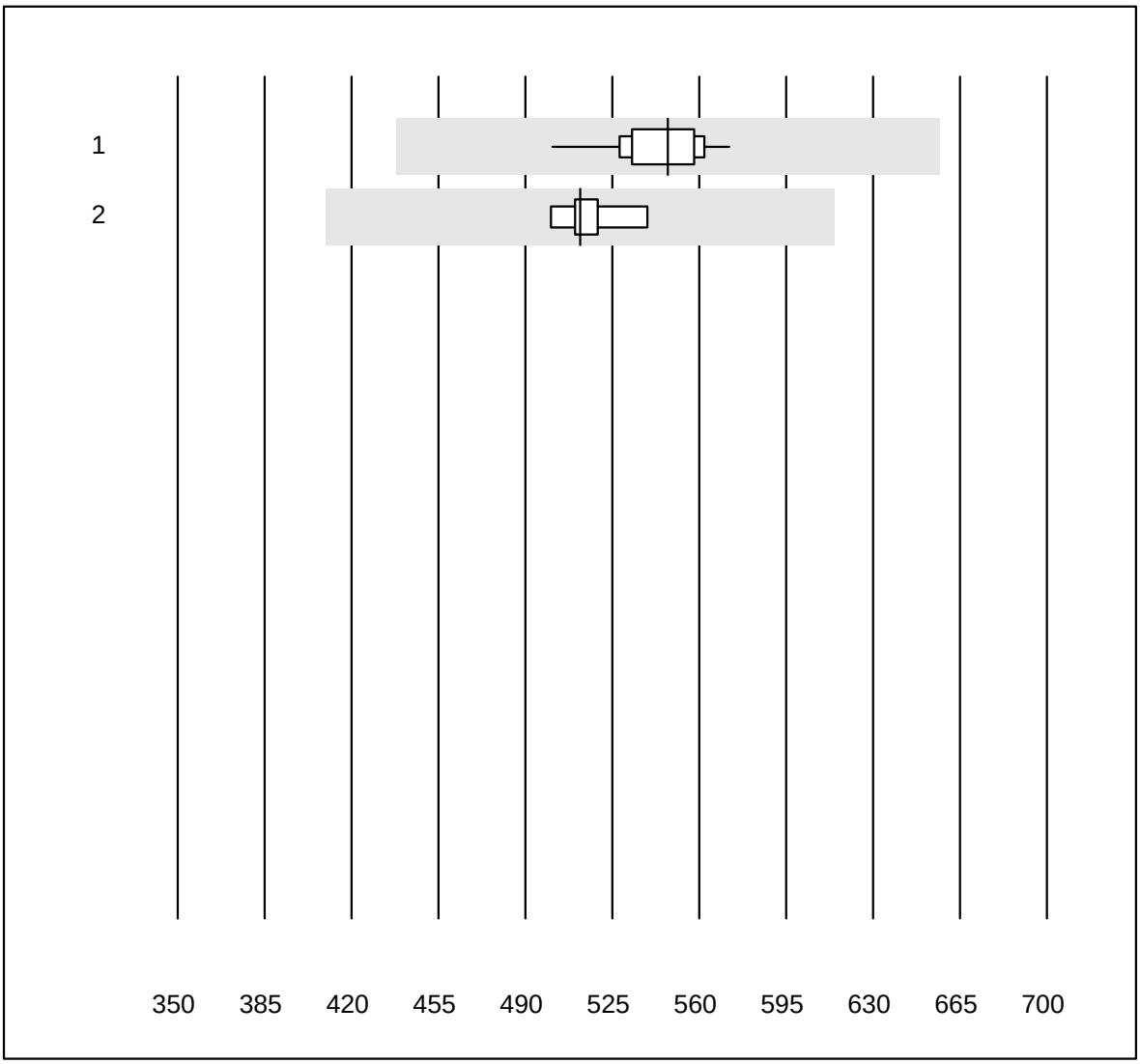


MQ Toleranz : 30 %

SHBG (nmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	6	100.0	0.0	0.0	32.2	3.0	e
2	Architect	4	100.0	0.0	0.0	36.7	7.0	e

Cortisol

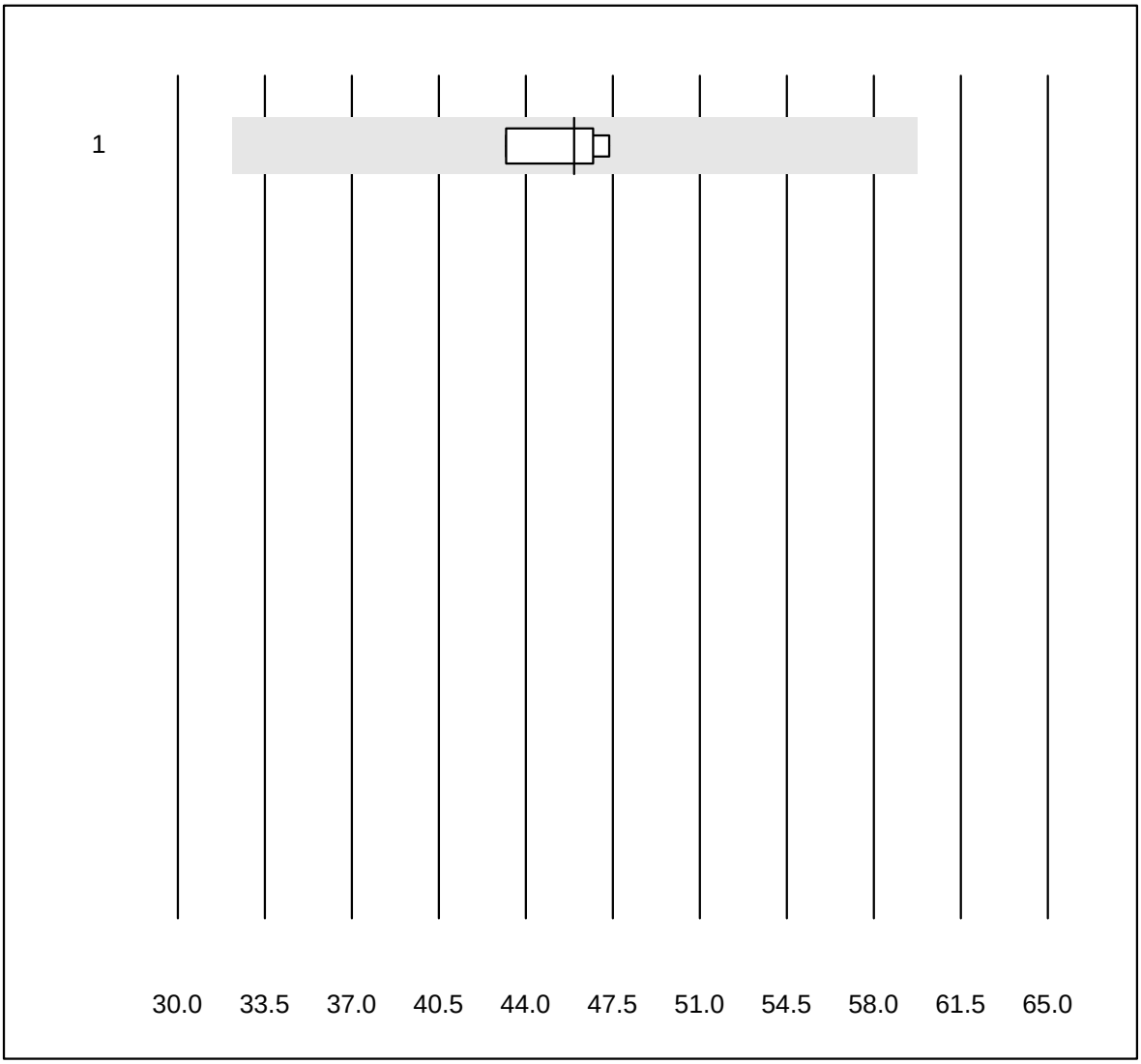


QUALAB Toleranz : 20 %

Cortisol (nmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	11	100.0	0.0	0.0	547	3.5	e
2	Architect	6	100.0	0.0	0.0	512	2.5	e

Progesteron

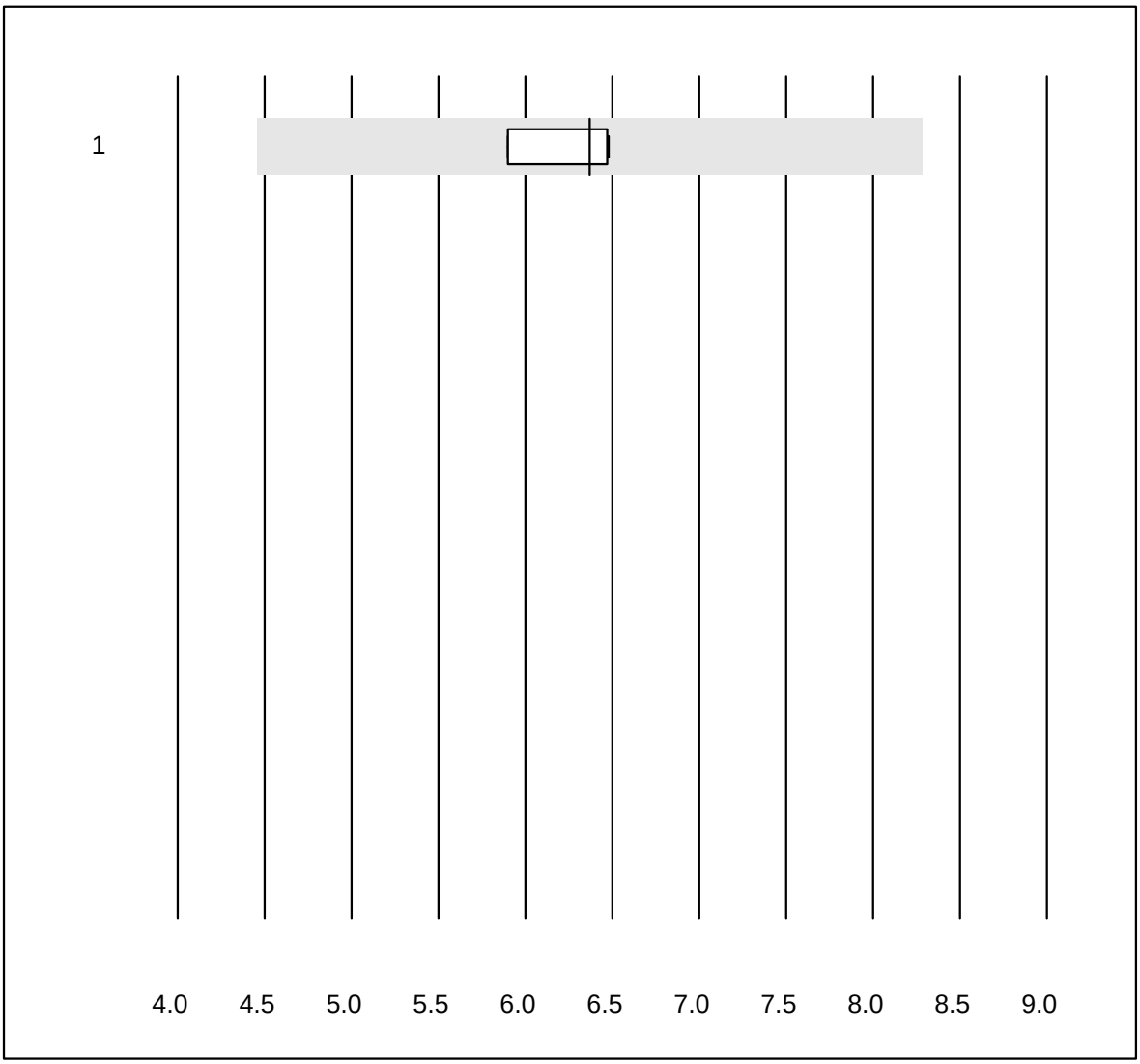


MQ Toleranz : 30 %

Progesteron (nmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	4	100.0	0.0	0.0	46.0	4.0	e

DHEAS

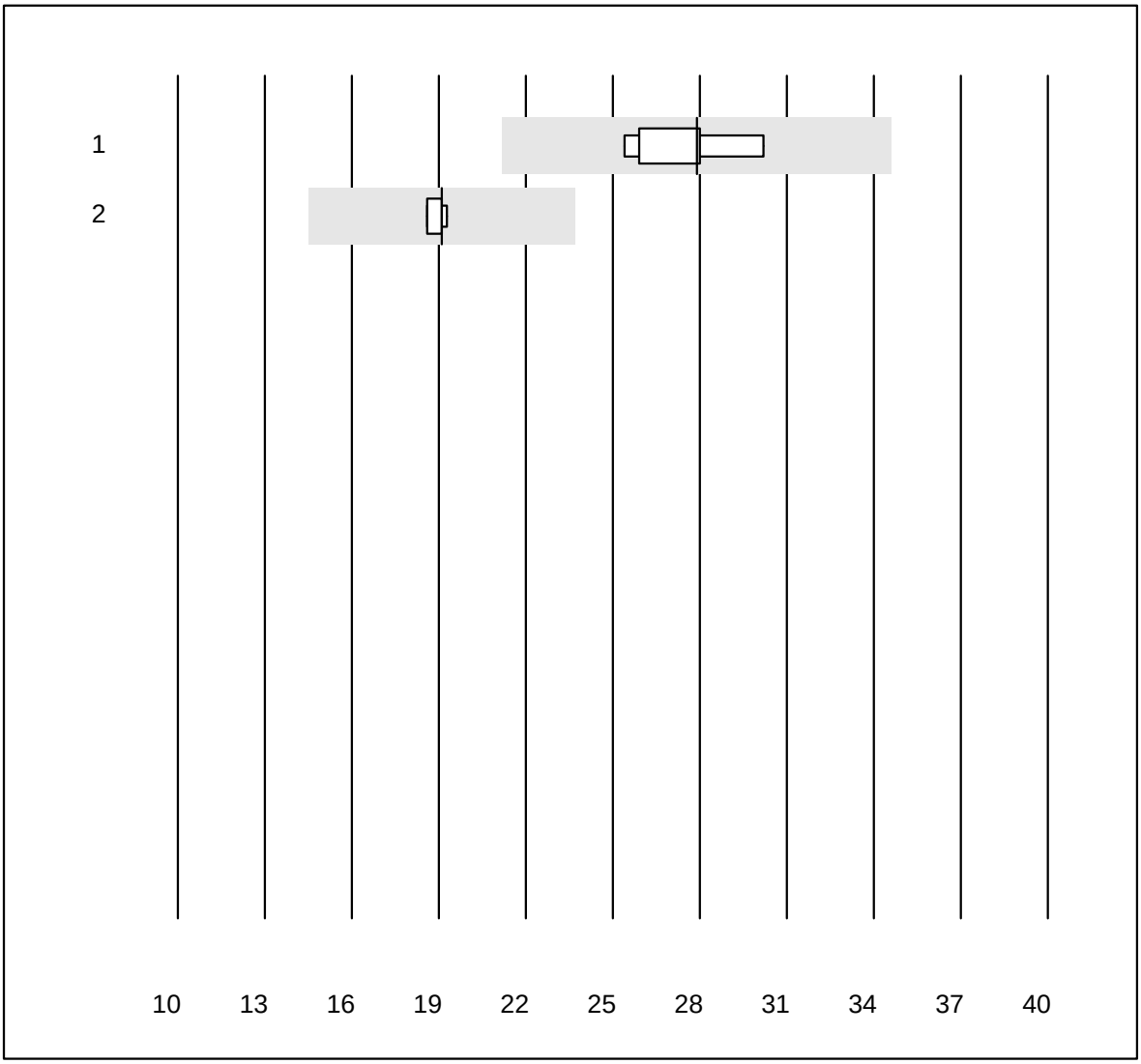


MQ Toleranz : 30 %

DHEAS (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	4	100.0	0.0	0.0	6.37	4.3	e

Luteinisierendes Hormon

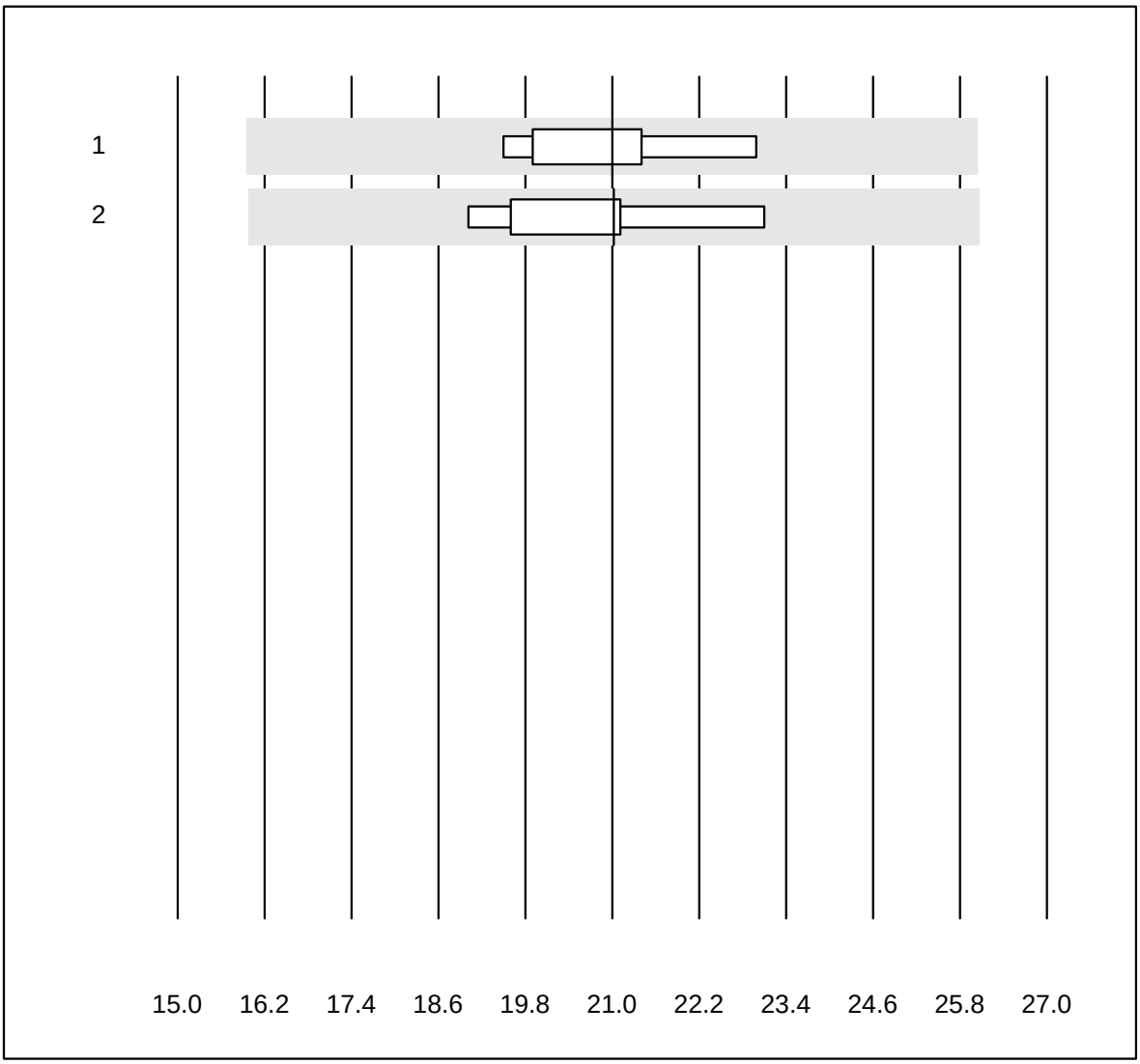


QUALAB Toleranz : 24 %

Luteinisierendes Hormon (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	8	100.0	0.0	0.0	27.9	5.6	e
2	Architect	4	100.0	0.0	0.0	19.1	1.5	e

Follikelstimulierendes Hormon

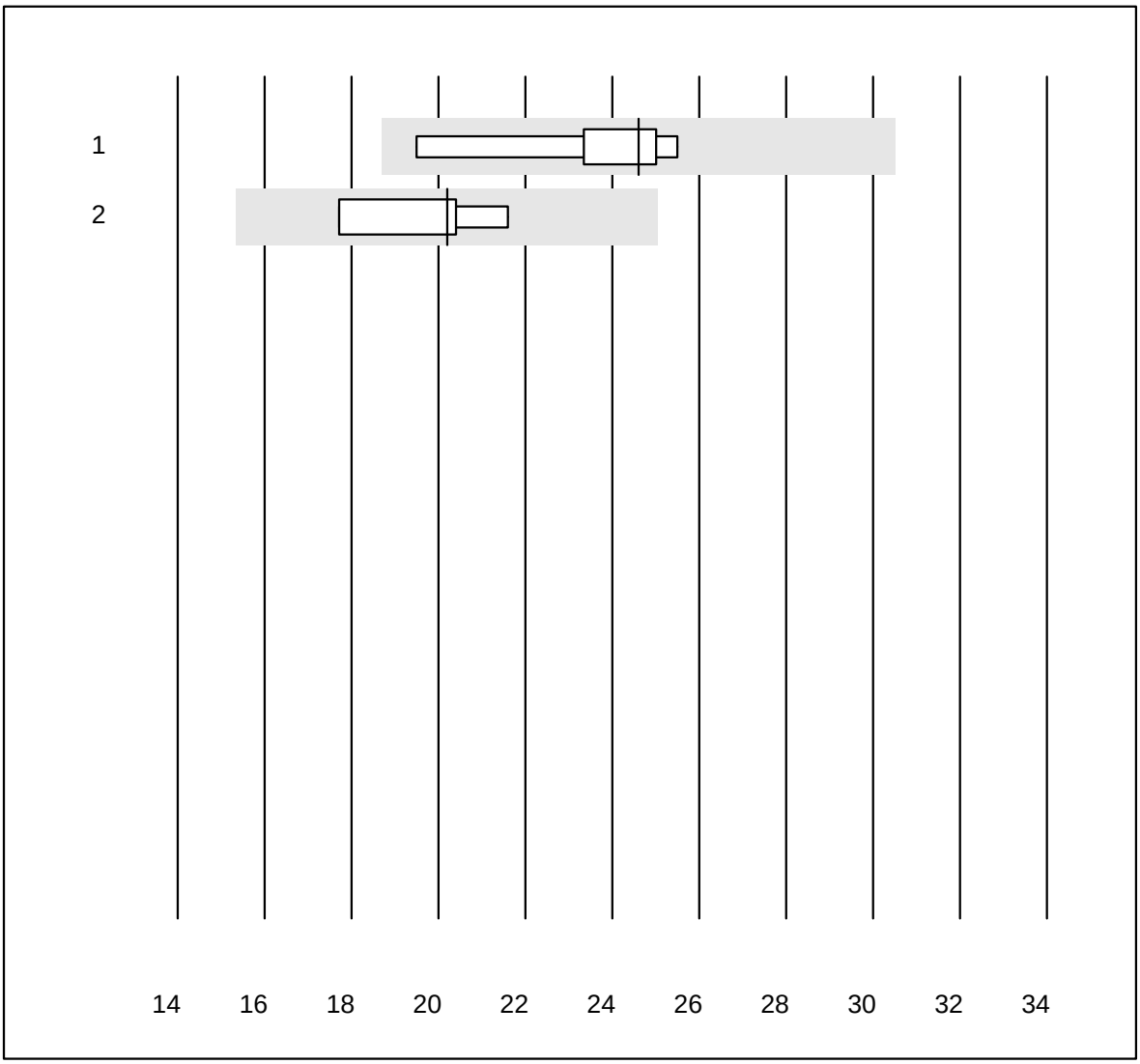


QUALAB Toleranz : 24 %

Follikelstimulierendes Hormon (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	8	100.0	0.0	0.0	21.0	5.3	e
2	Architect	5	100.0	0.0	0.0	21.0	7.6	e*

Prolaktin (PRL)

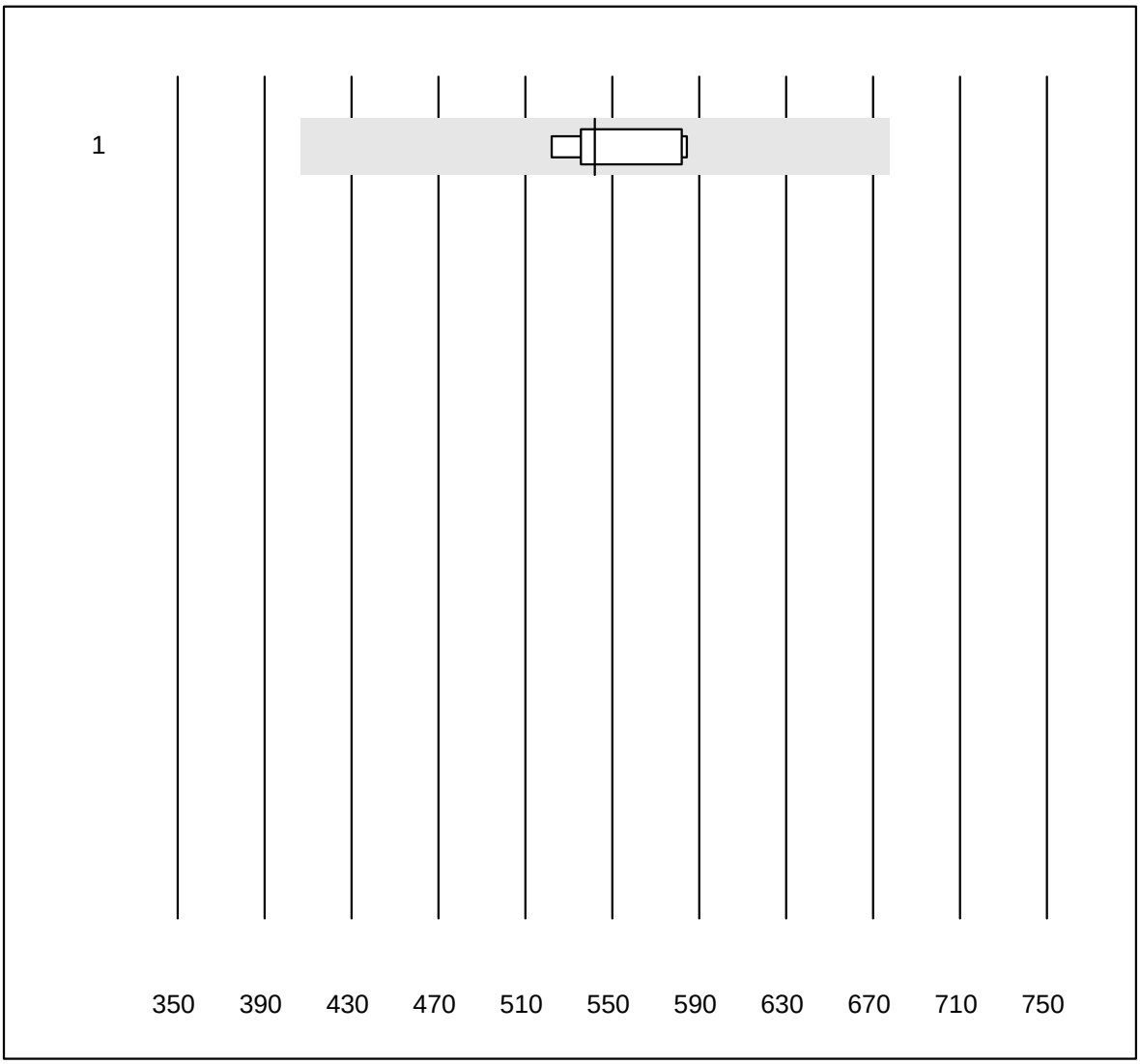


QUALAB Toleranz : 24 %

Prolaktin (PRL) (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas/Roche	9	100.0	0.0	0.0	24.6	7.9	e
2	Architect	4	100.0	0.0	0.0	20.2	8.1	e*

Insulin

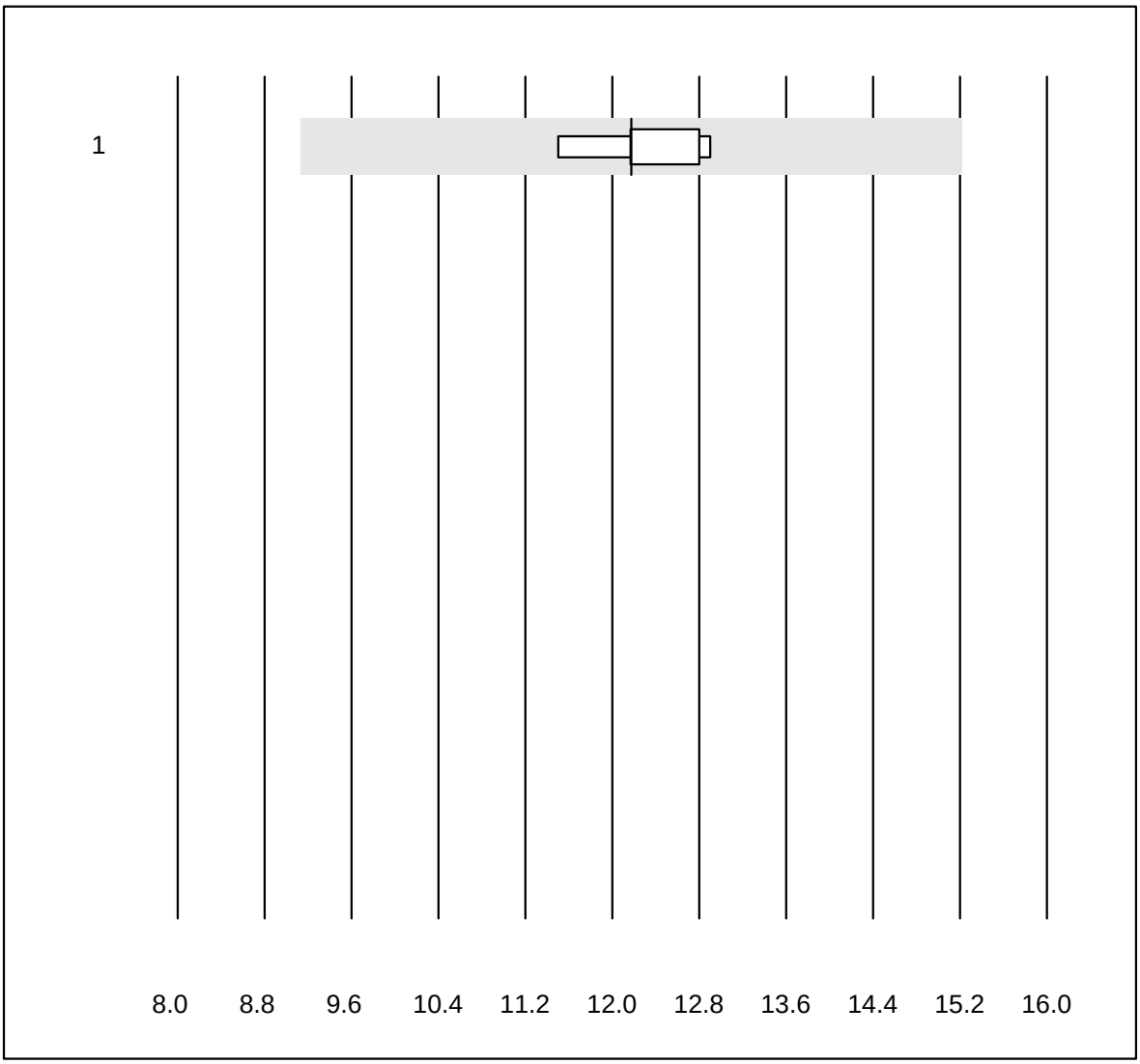


MQ Toleranz : 25 %

Insulin (pmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	7	100.0	0.0	0.0	542	4.7	e

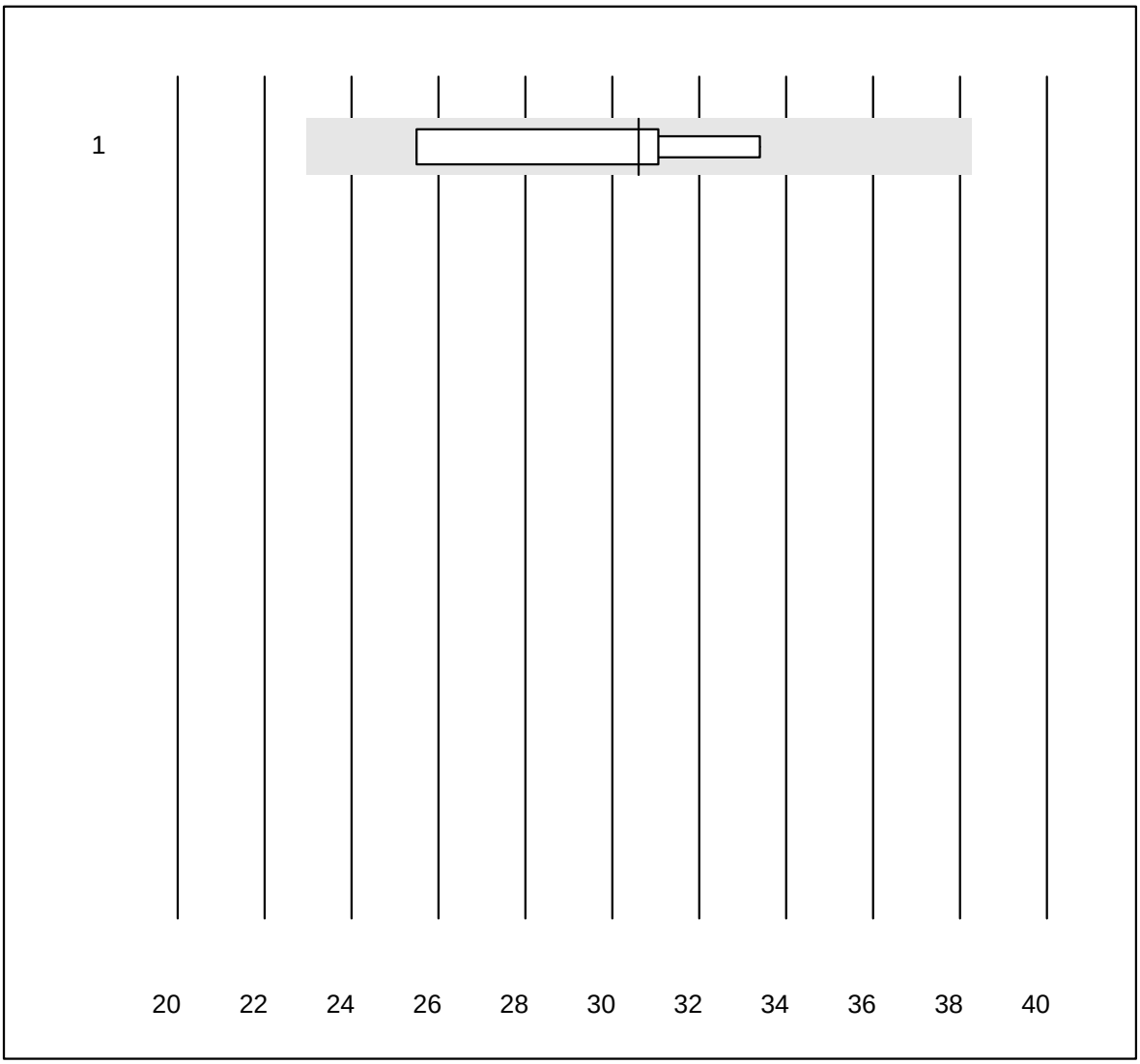
HGH



MQ Toleranz : 25 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	5	100.0	0.0	0.0	12.17	4.6	e

Freies Testosteron

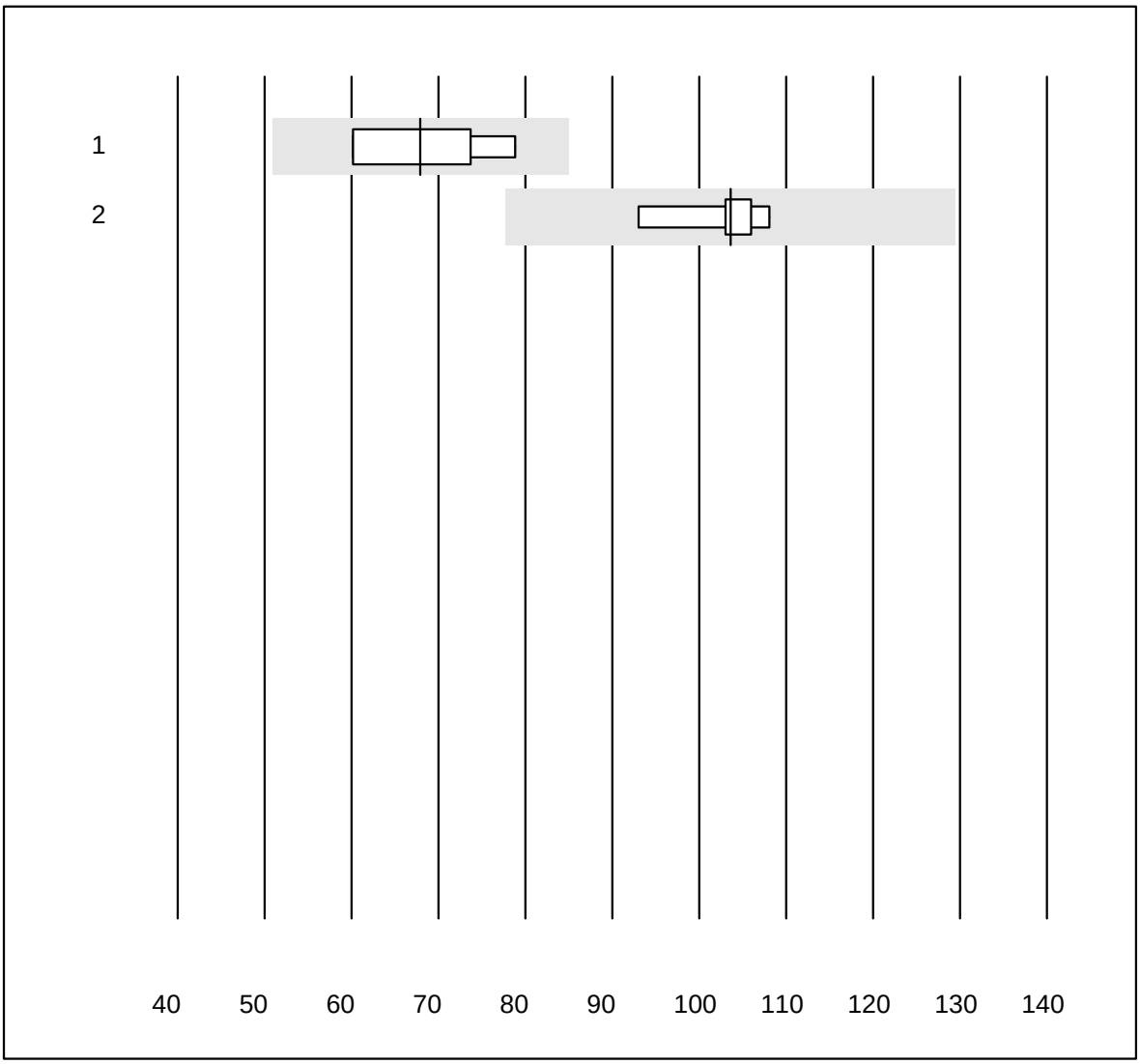


MQ Toleranz : 25 %

Freies Testosteron (pmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	4	100.0	0.0	0.0	30.6	11.0	e*

IGF-1

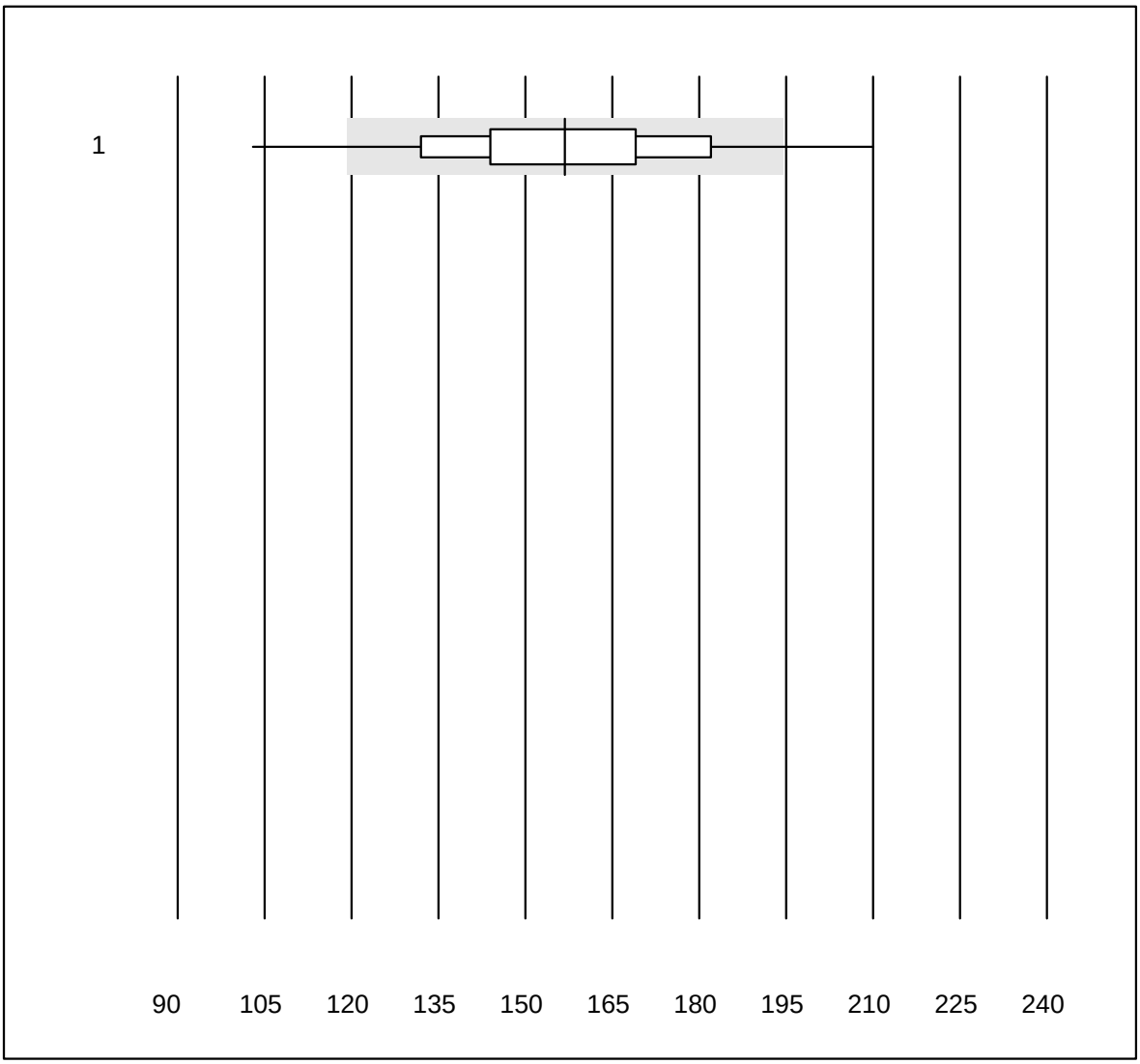


MQ Toleranz : 25 %

IGF-1 (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	4	100.0	0.0	0.0	68	13.1	e*
2	Liaison	5	100.0	0.0	0.0	104	5.7	e

Troponin T CR

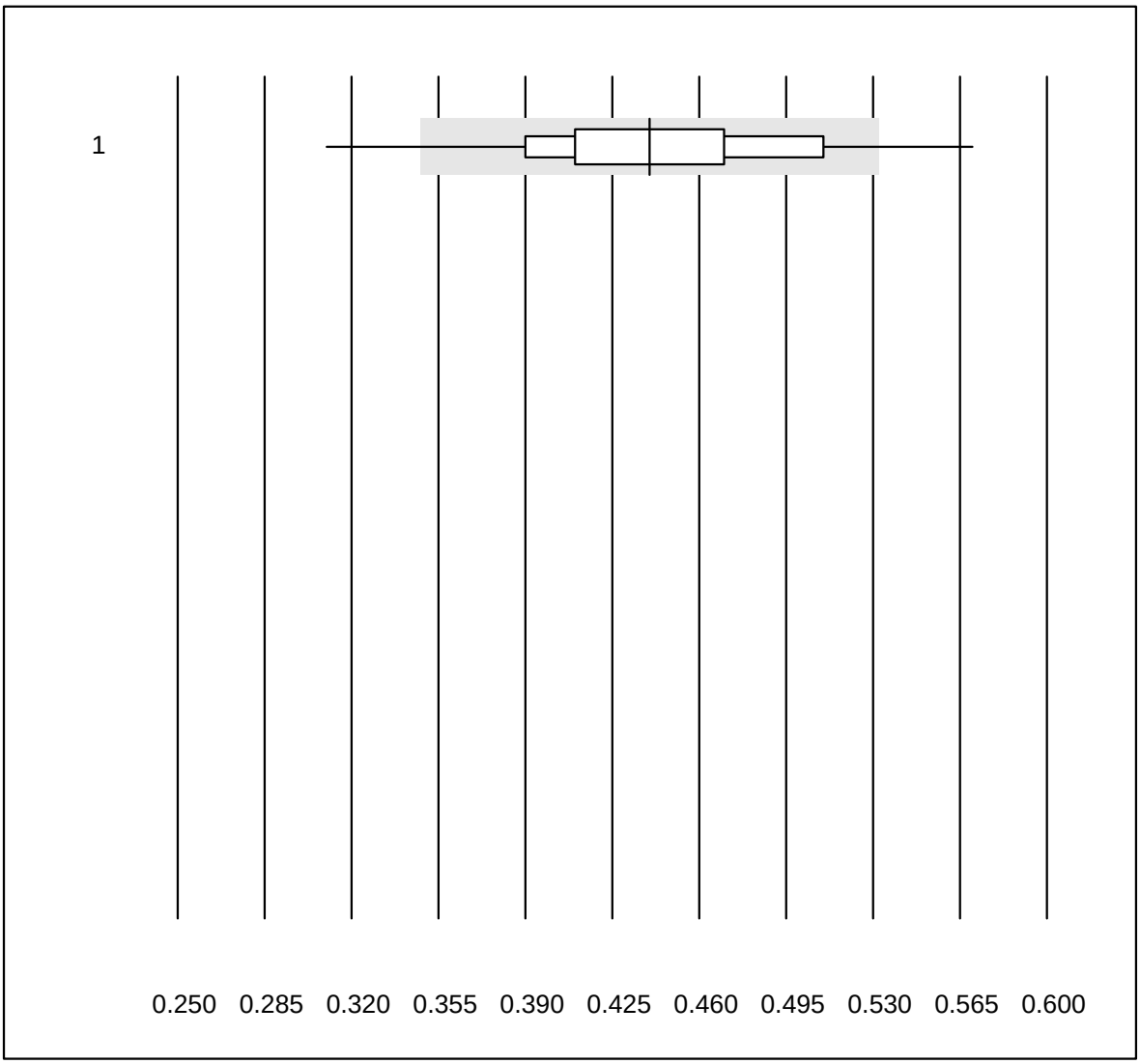


QUALAB Toleranz : 24 %

Troponin T CR (ng/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	1293	92.8	5.3	1.9	156.85	12.3	e

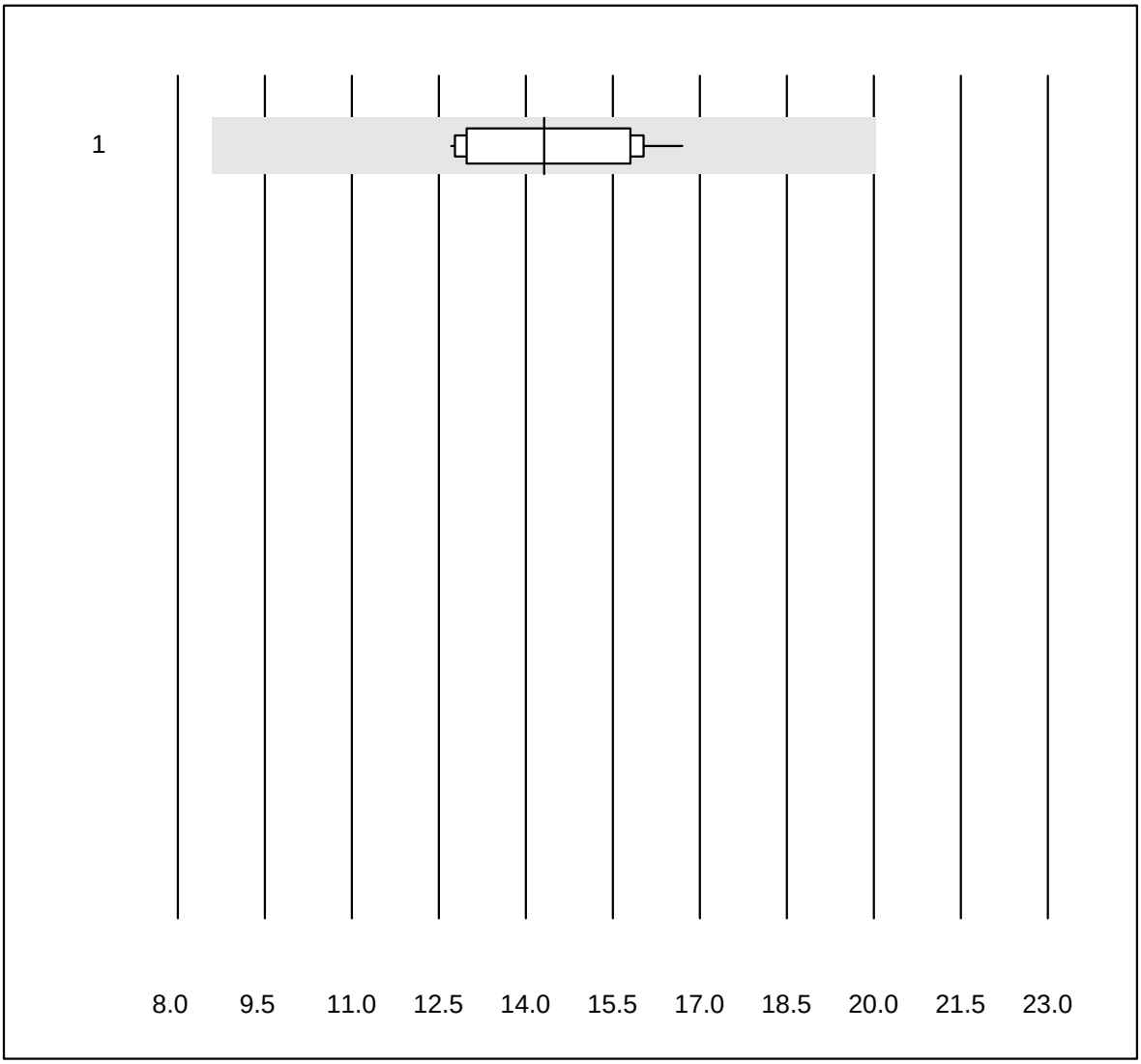
D-Dimer CR



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	1267	94.4	3.9	1.7	0.44	10.3	e

CKMB- K8

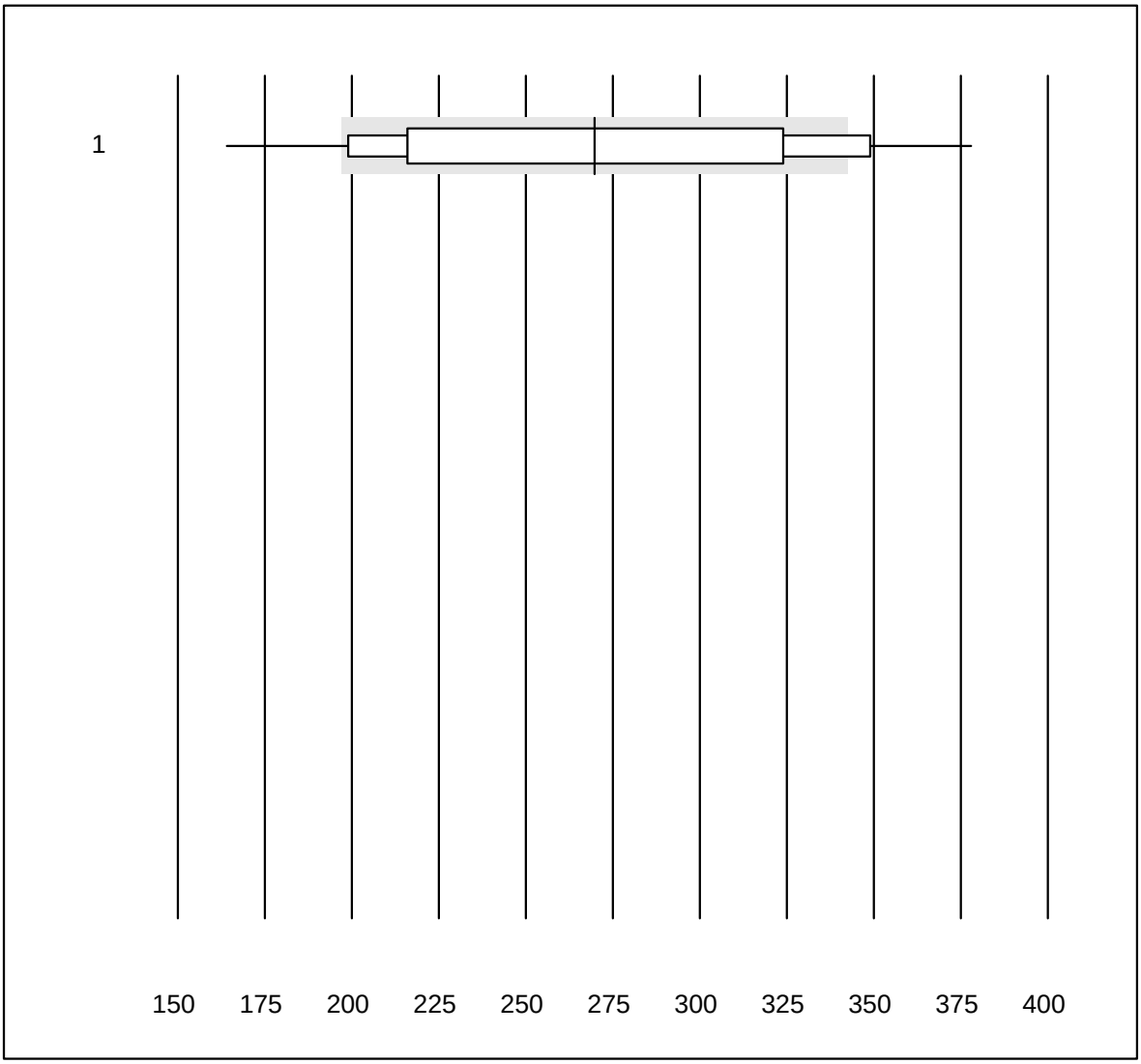


MQ Toleranz : 40 %

CKMB- K8 (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	11	100.0	0.0	0.0	14.3	9.5	e

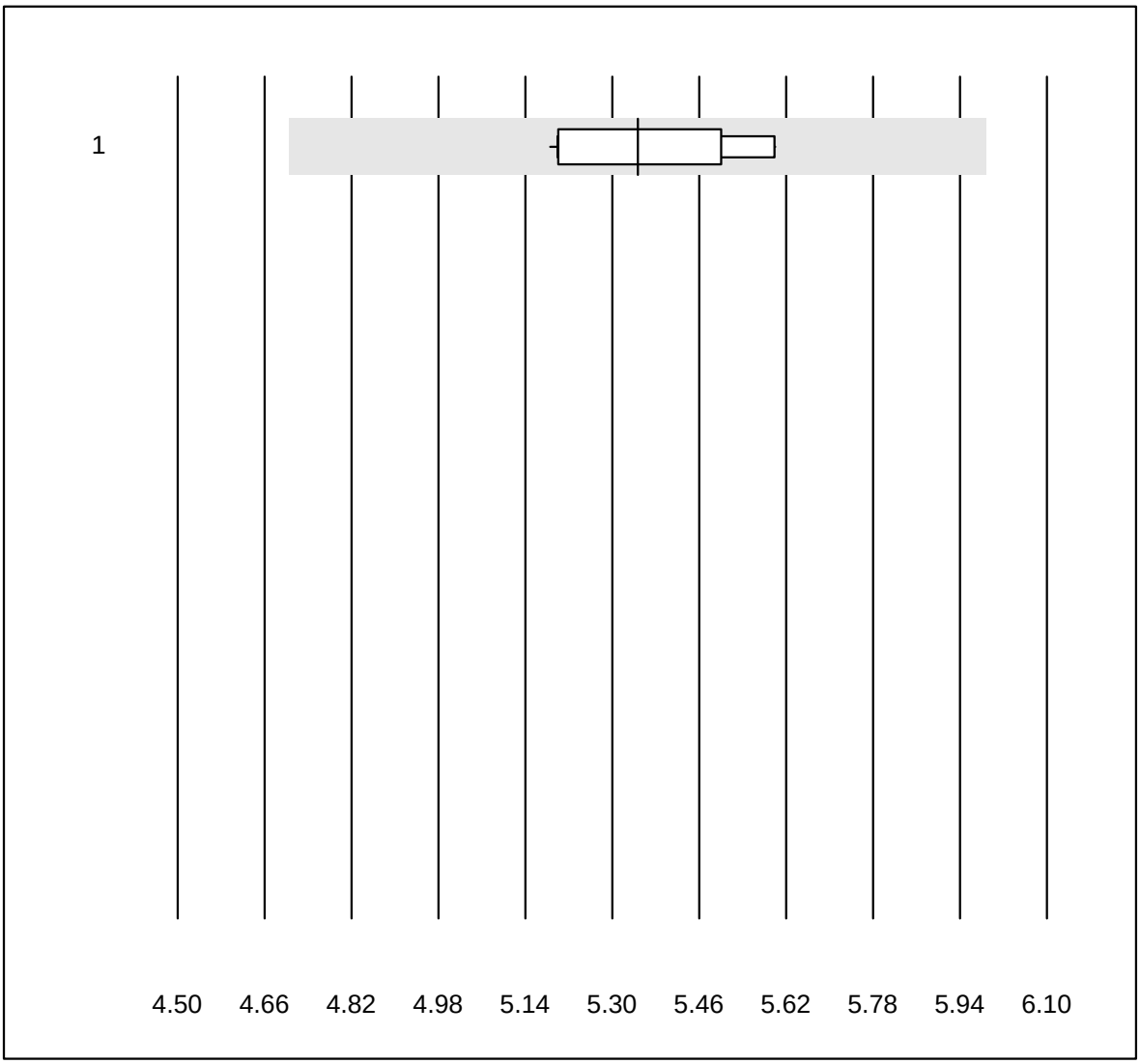
NT-proBNP CR



QUALAB Toleranz : 27 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	801	76.4	20.1	3.5	270	21.5	e

PCO2 CCA

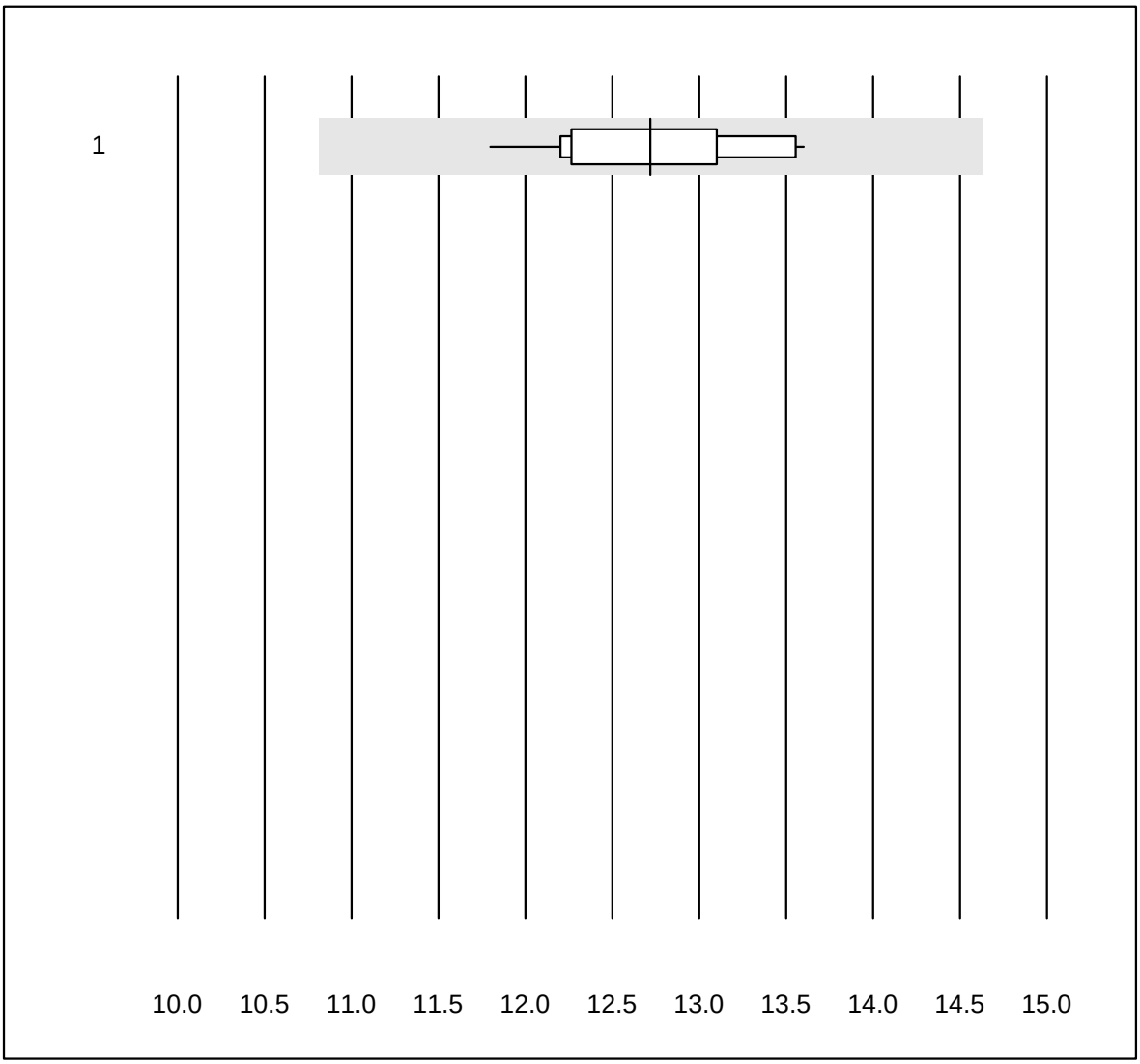


QUALAB Toleranz : 12 %

PCO2 CCA (kPa)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	OPTI CCA	12	91.7	0.0	8.3	5.35	3.0	e

PO2 CCA

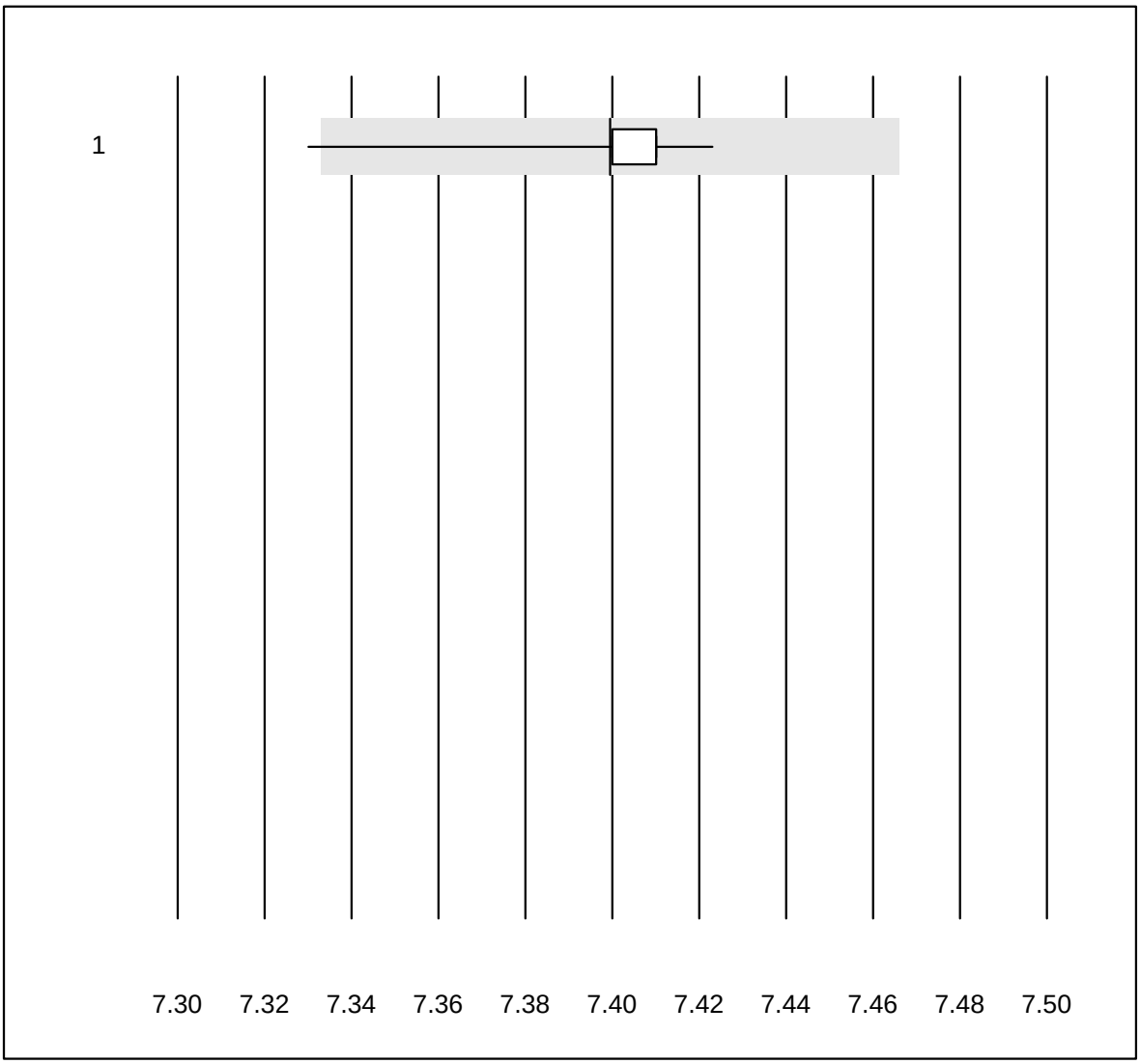


QUALAB Toleranz : 15 %

PO2 CCA (kPa)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	OPTI CCA	12	100.0	0.0	0.0	12.72	4.4	e

pH CCA

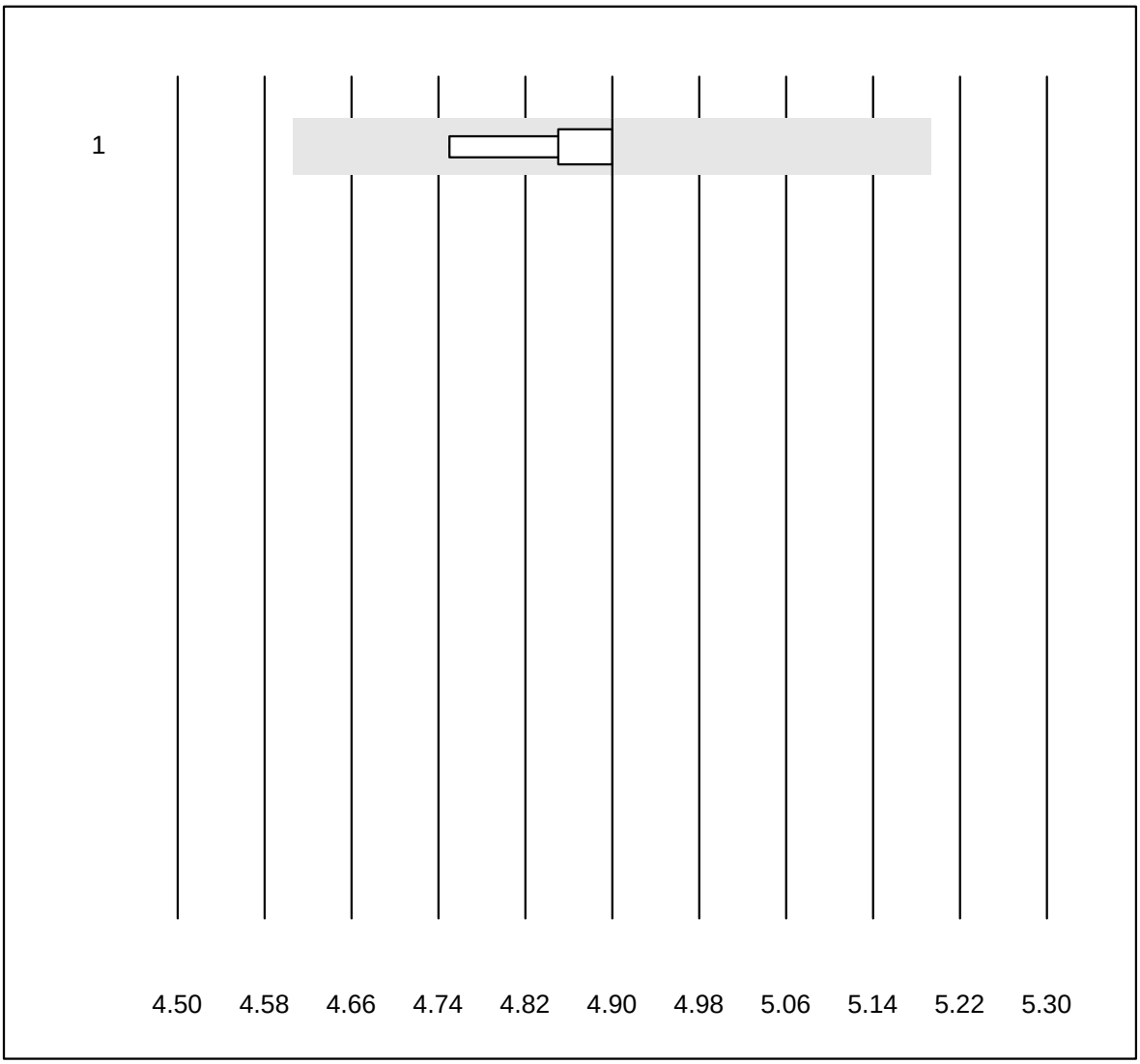


QUALAB Toleranz : 1 %

pH CCA ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	OPTI CCA	11	90.9	9.1	0.0	7.40	0.3	e

Kalium CCA

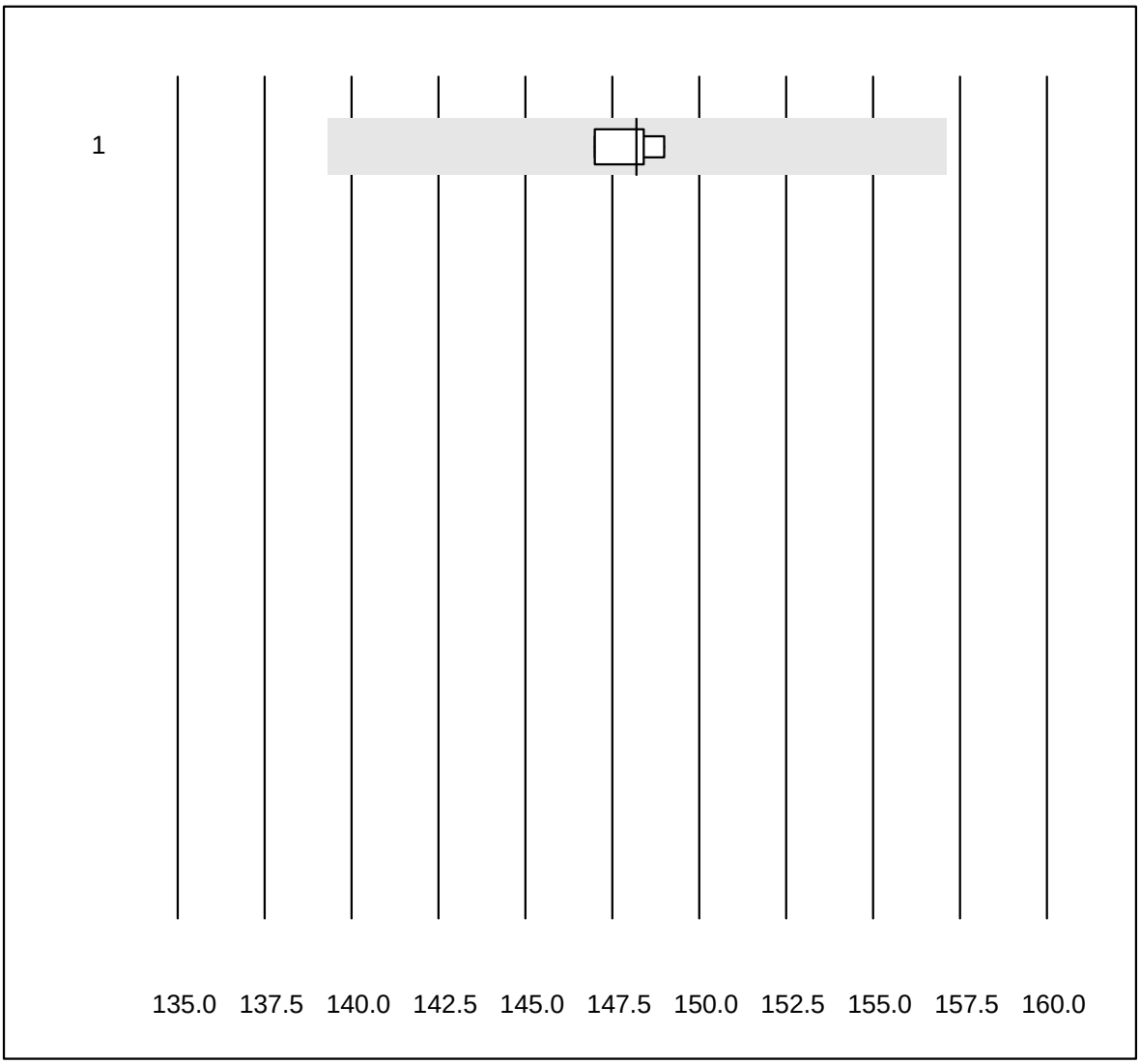


QUALAB Toleranz : 6 %

Kalium CCA (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	OPTI CCA	5	100.0	0.0	0.0	4.9	1.3	e

Natrium CCA

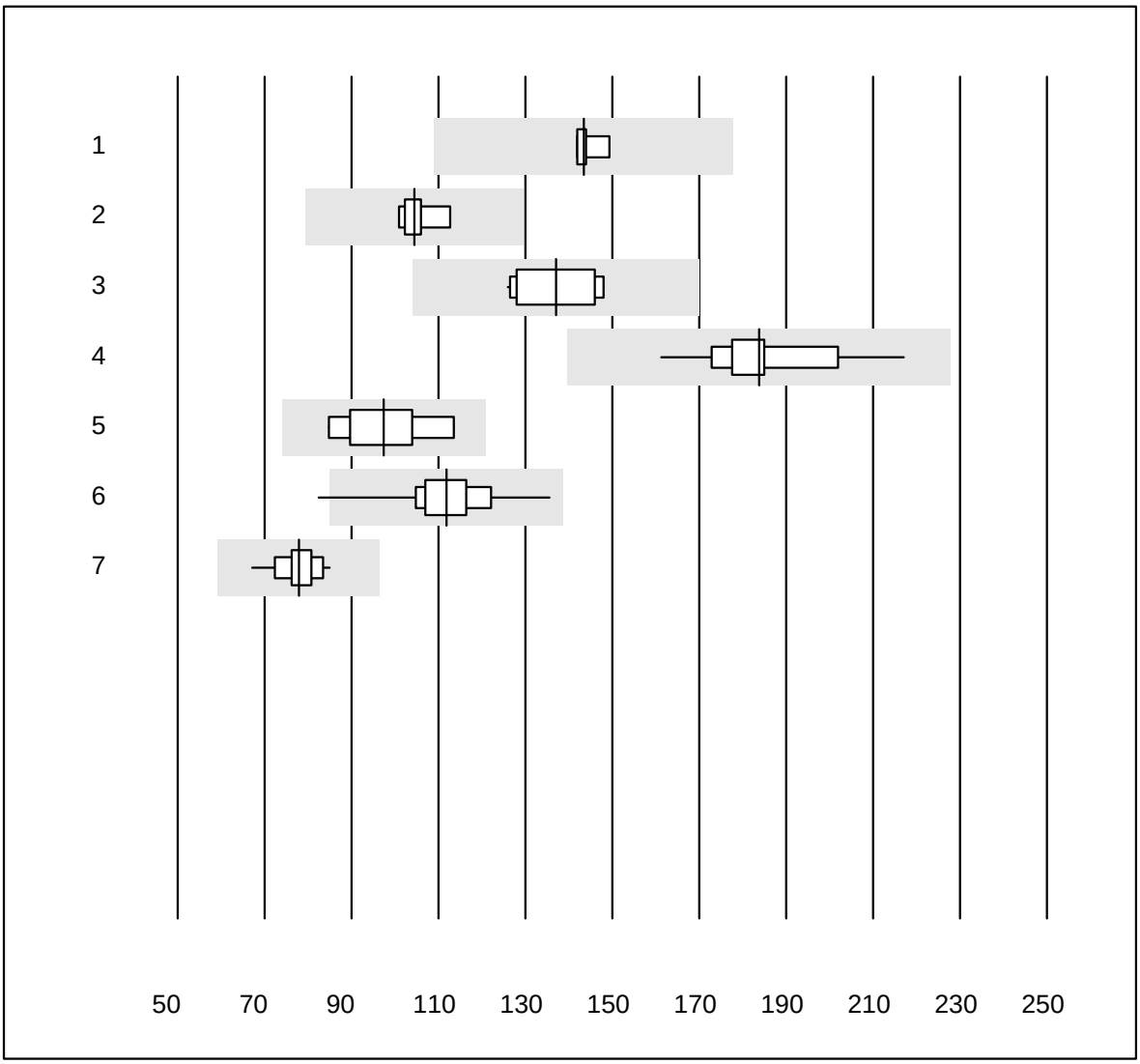


QUALAB Toleranz : 6 %

Natrium CCA (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	OPTI CCA	4	100.0	0.0	0.0	148.2	0.6	e

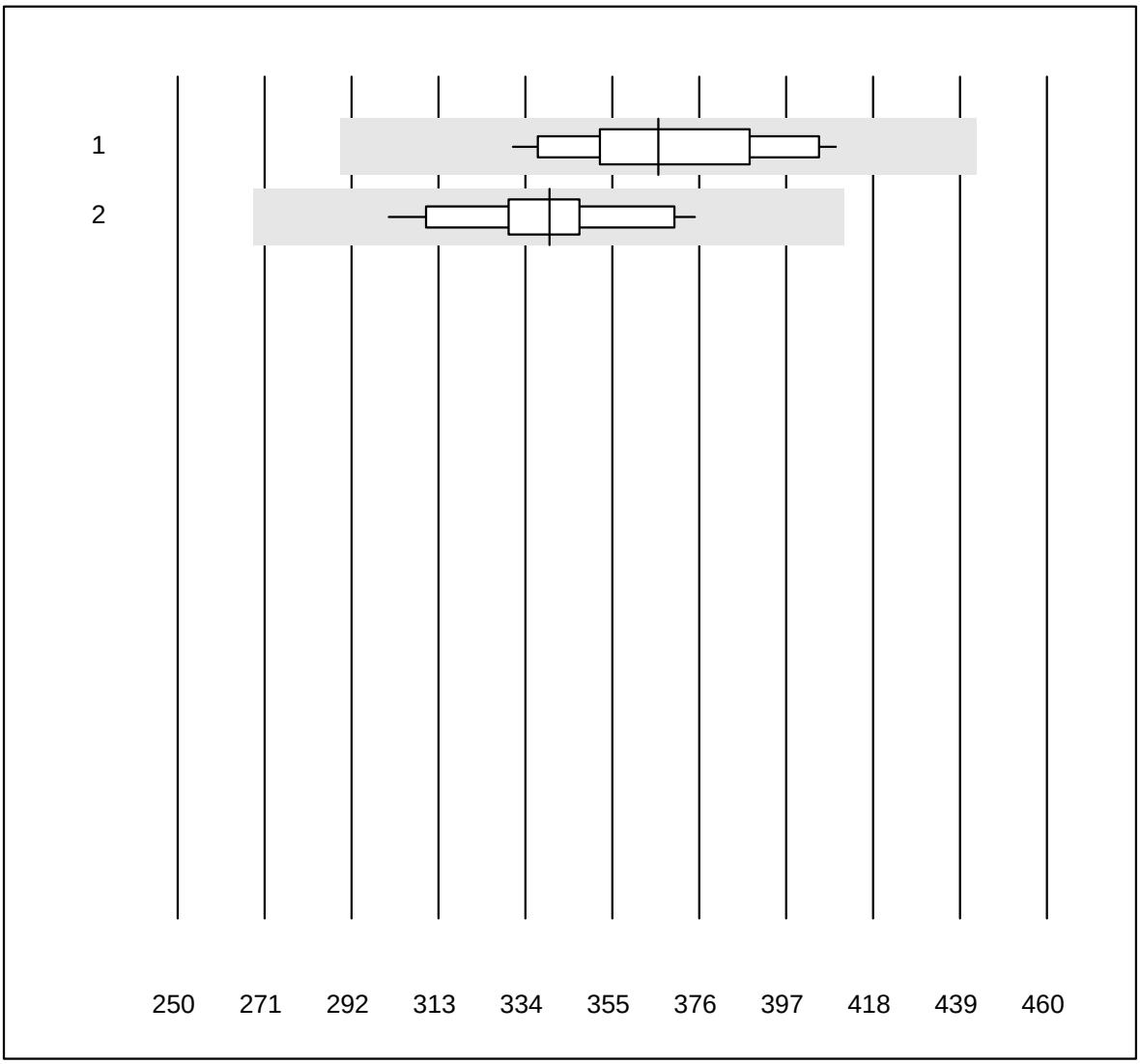
Ferritin



QUALAB Toleranz : 24 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Dimension	4	100.0	0.0	0.0	143.50	2.3	e
2	Beckman	6	100.0	0.0	0.0	104.45	4.0	e
3	Cobas E / Elecsys	15	100.0	0.0	0.0	137.05	6.6	e
4	Architect	12	100.0	0.0	0.0	183.77	7.7	e
5	Mini Vidas	9	100.0	0.0	0.0	97.38	10.0	e*
6	AFIAS	45	95.6	2.2	2.2	111.84	8.7	e
7	Eurolyser	18	83.3	0.0	16.7	77.87	5.6	e

Vitamin B12

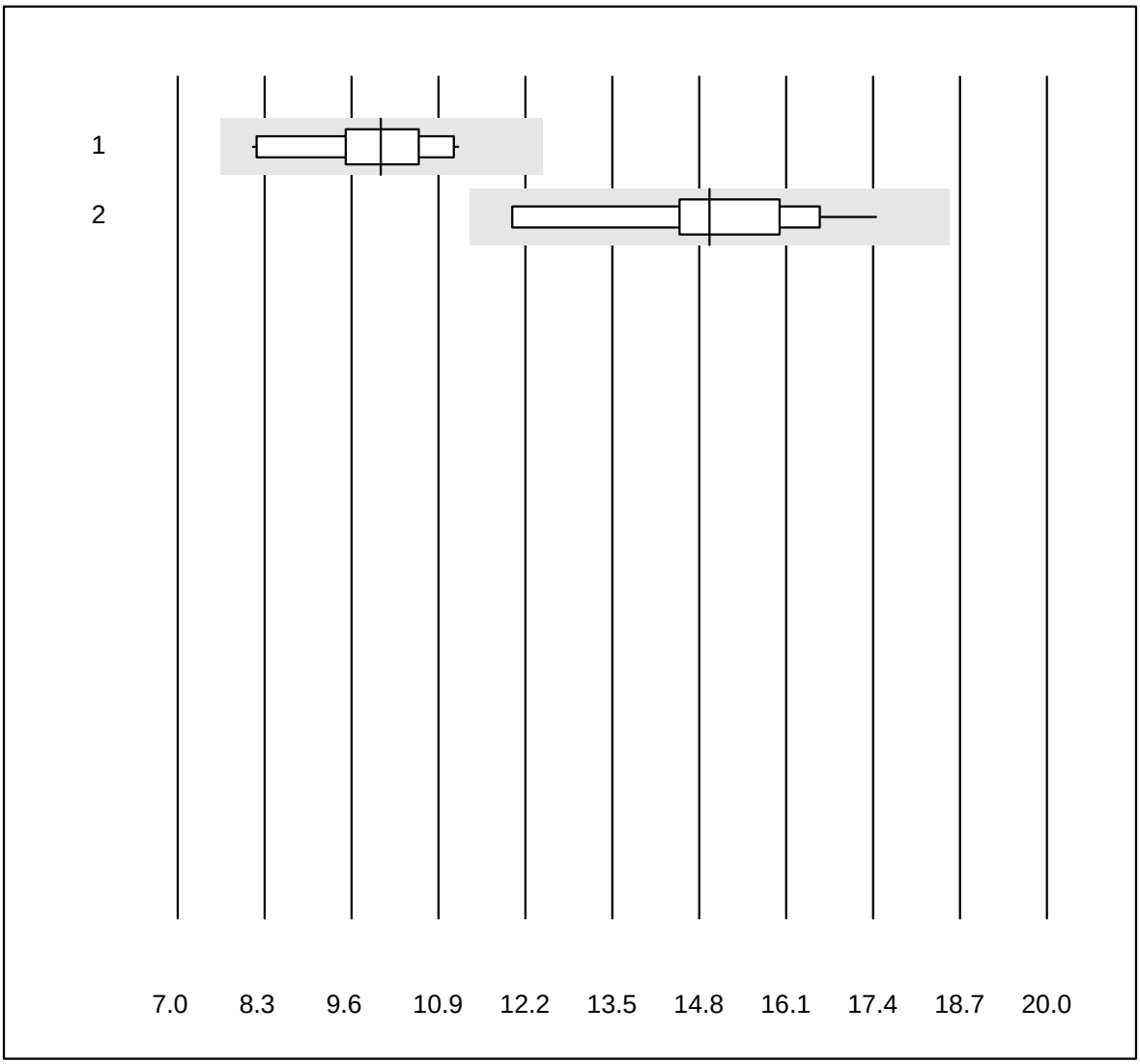


QUALAB Toleranz : 21 %

Vitamin B12 (pmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	15	100.0	0.0	0.0	366.04	6.4	e
2	Architect	12	100.0	0.0	0.0	339.79	6.5	e

Folsäure

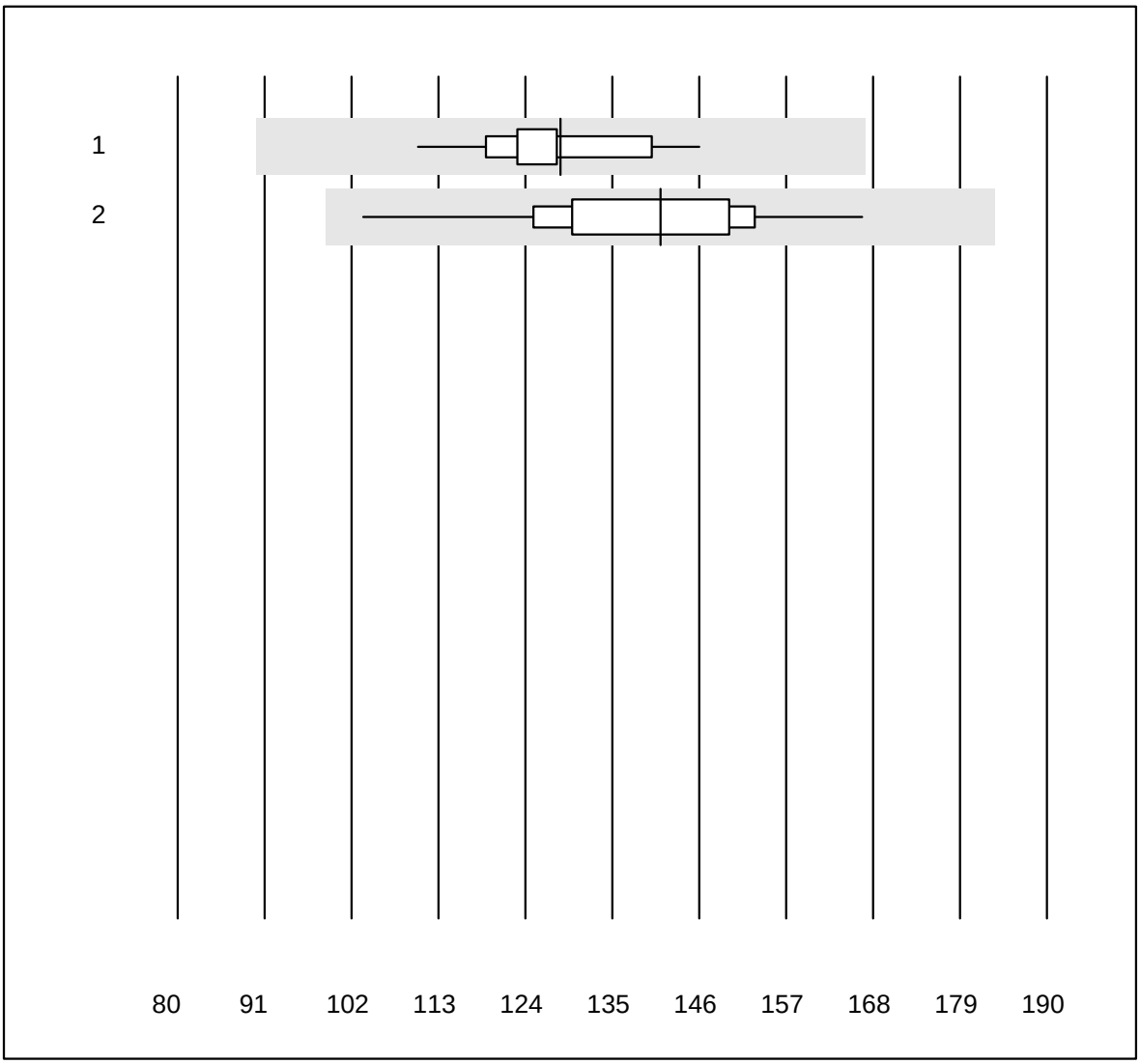


QUALAB Toleranz : 24 %

Folsäure (nmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	16	100.0	0.0	0.0	10.04	9.5	e
2	Architect	10	100.0	0.0	0.0	14.96	11.3	e*

Holotranscobalamin

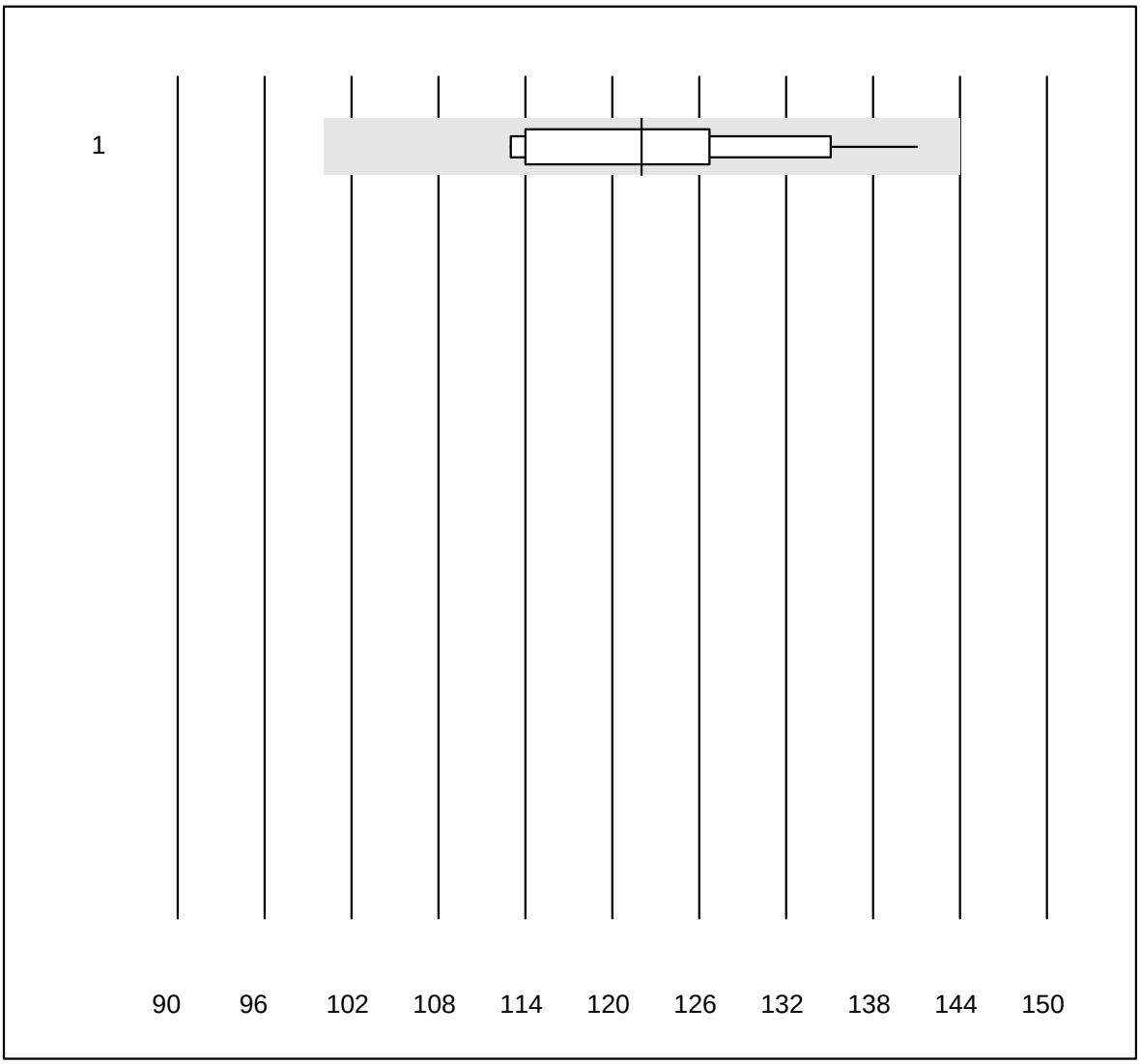


MQ Toleranz : 30 %

Holotranscobalamin (pmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	12	100.0	0.0	0.0	128.4	7.4	e
2	Alle Methoden	17	100.0	0.0	0.0	141.1	10.3	e

Bilirubin gesamt Neo

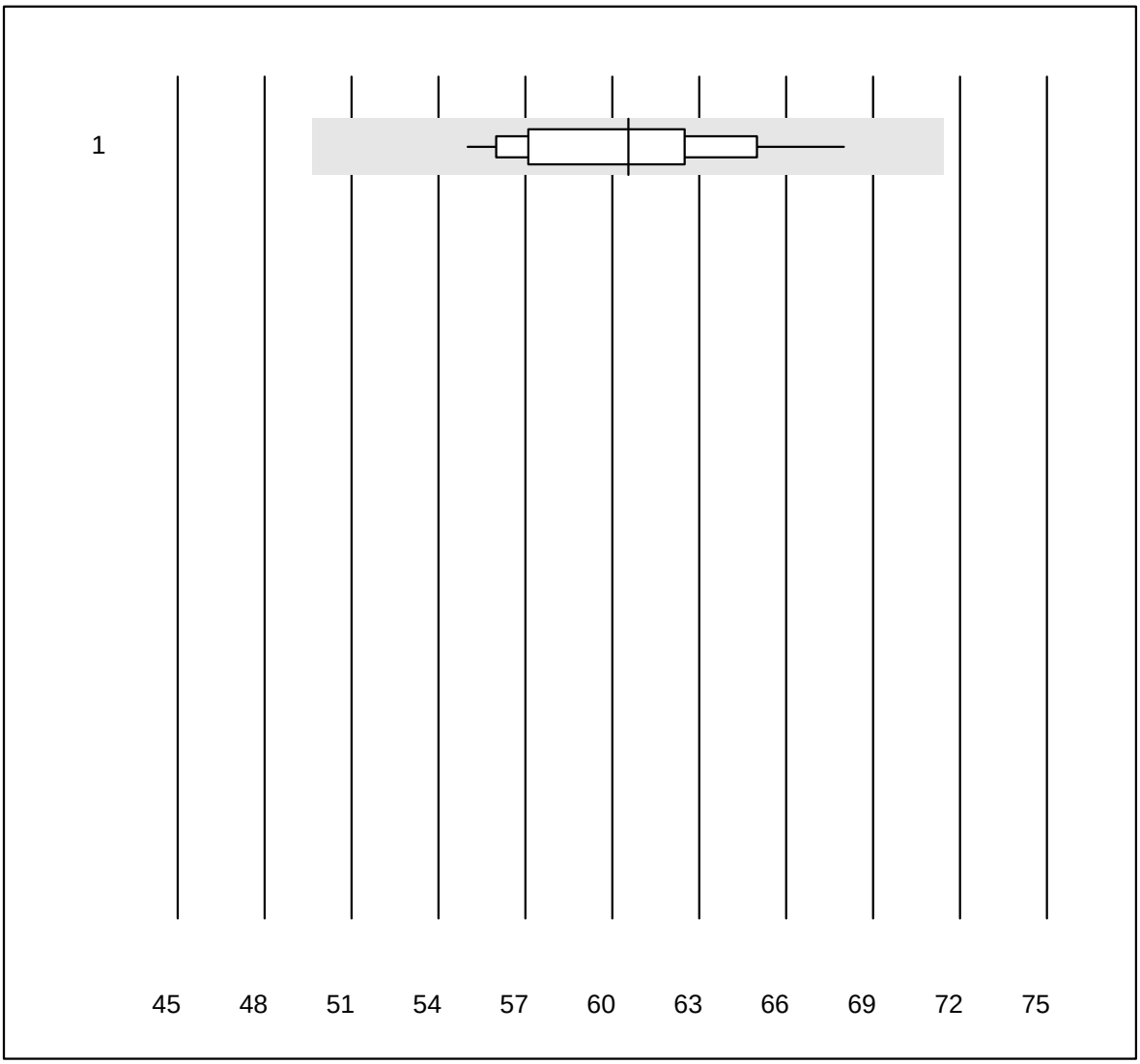


QUALAB Toleranz : 18 %

Bilirubin gesamt Neo (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	13	100.0	0.0	0.0	122	7.3	e

Bilirubin direkt

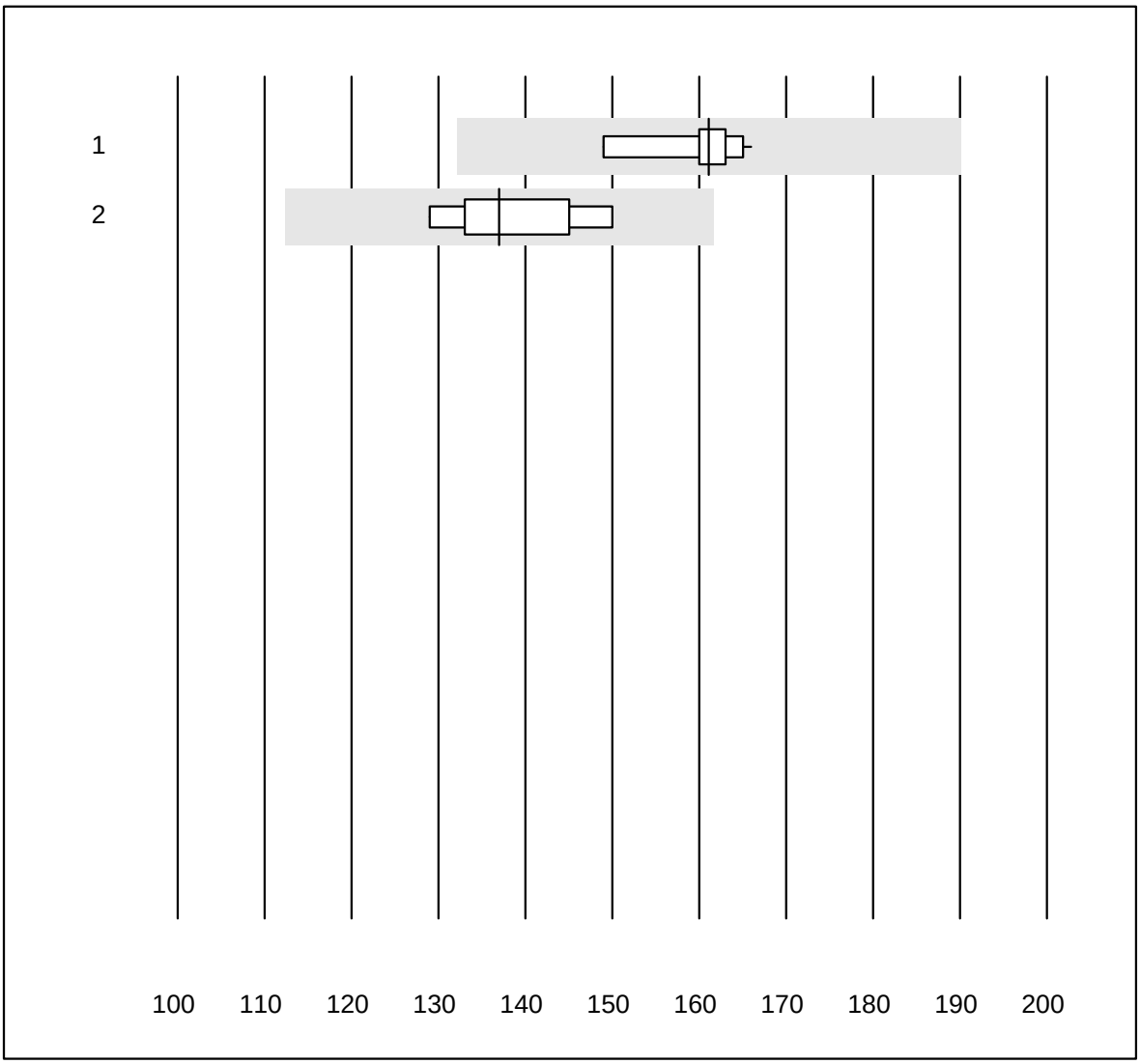


QUALAB Toleranz : 18 %

Bilirubin direkt (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	14	100.0	0.0	0.0	61	6.0	e

Bilirubin neonatal

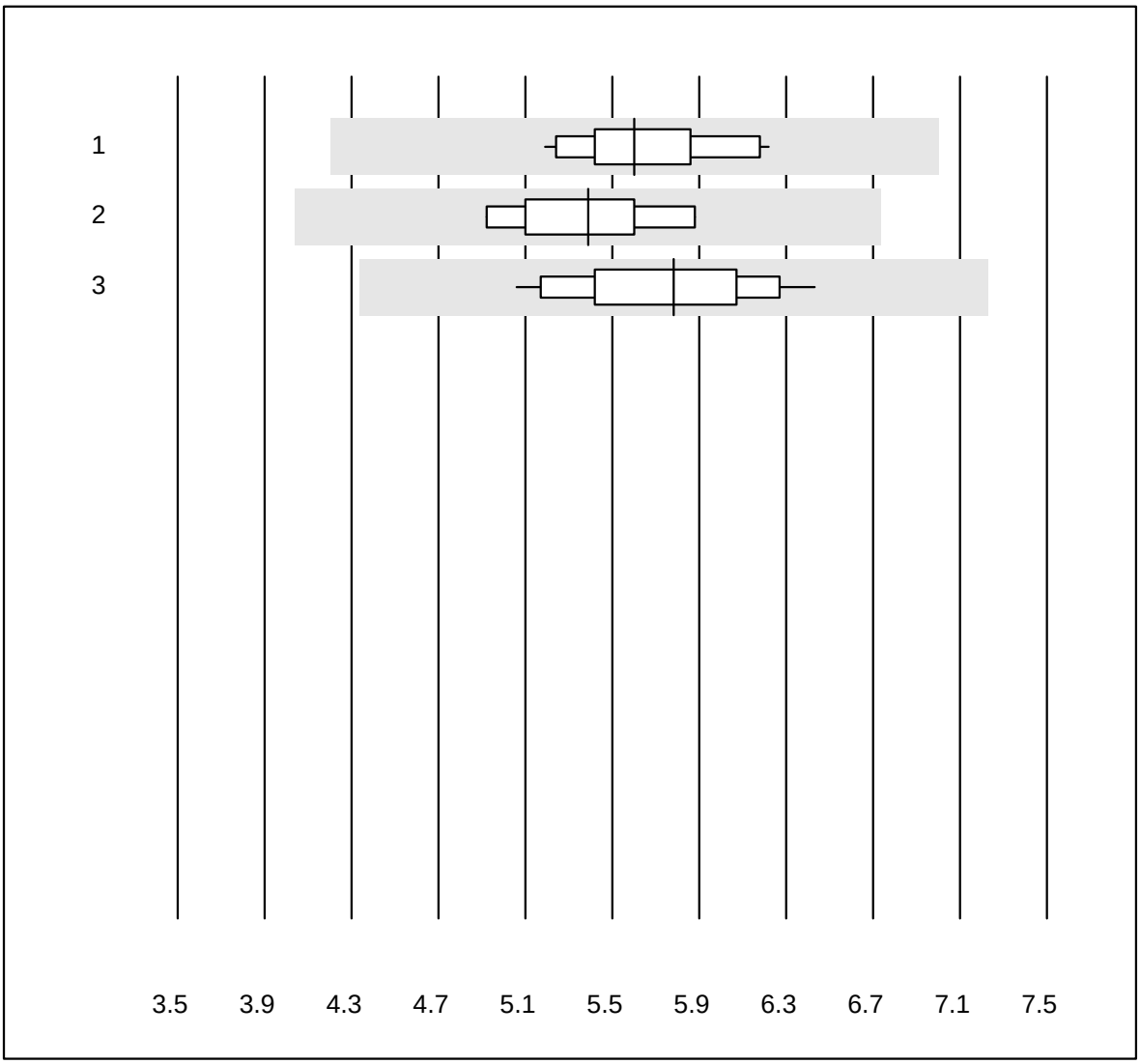


QUALAB Toleranz : 18 %

Bilirubin neonatal (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	10	100.0	0.0	0.0	161	3.0	e
2	ABL700/800	9	100.0	0.0	0.0	137	5.3	e

PSA

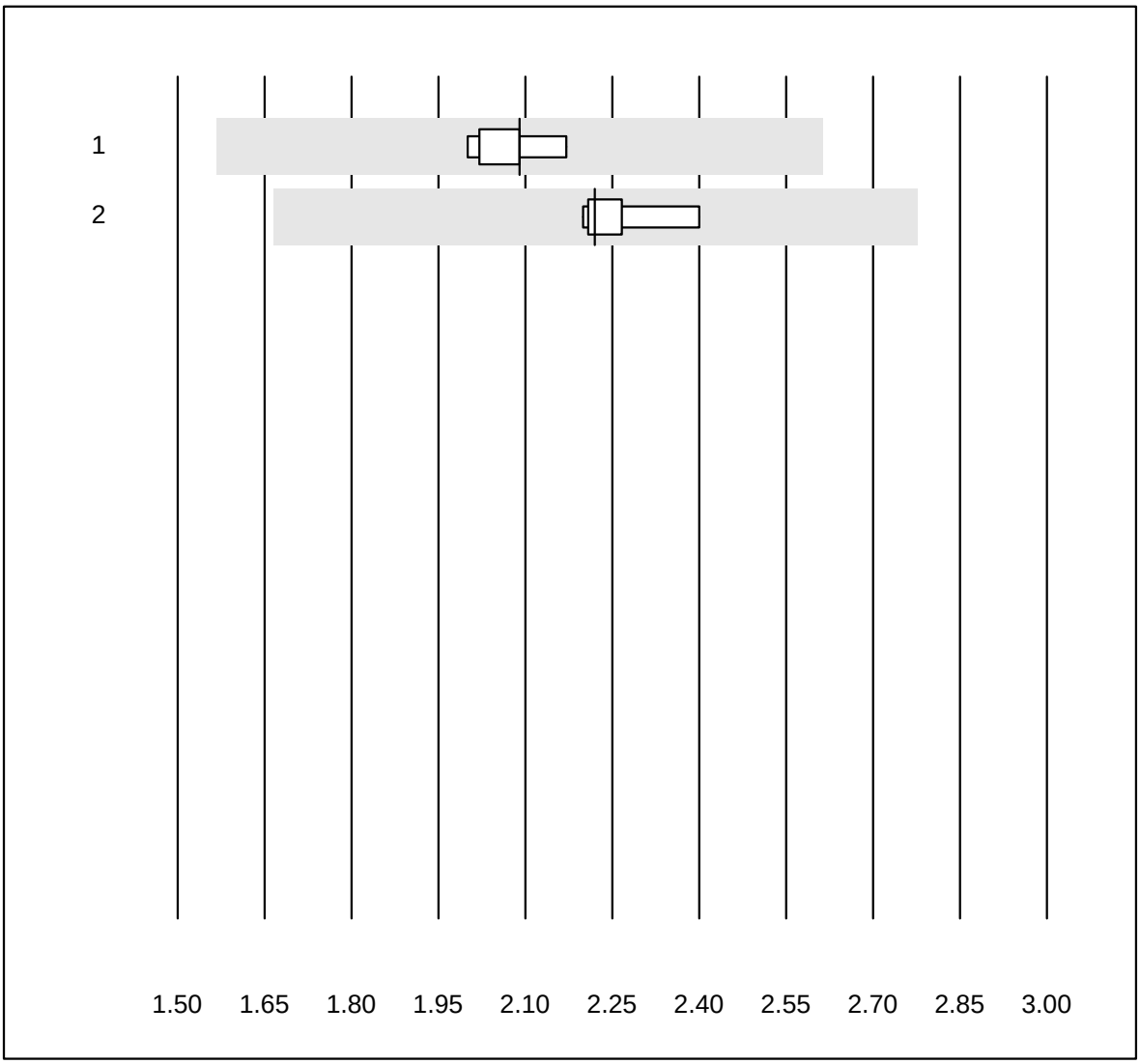


QUALAB Toleranz : 25 %

PSA (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	15	100.0	0.0	0.0	5.60	5.6	e
2	Architect	7	100.0	0.0	0.0	5.39	6.1	e
3	AFIAS	29	100.0	0.0	0.0	5.78	6.9	e

PSA frei

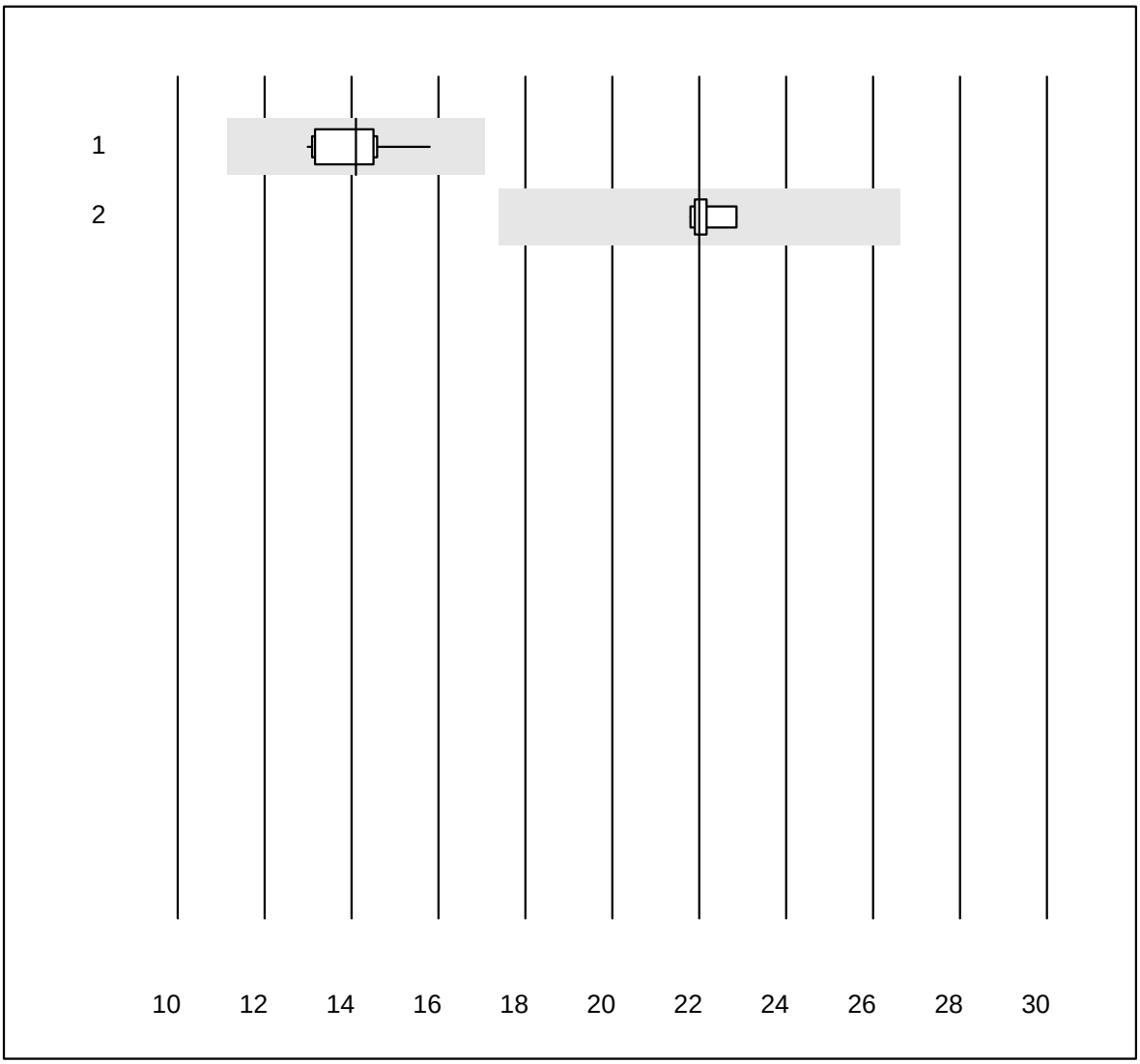


QUALAB Toleranz : 25 %

PSA frei (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	8	100.0	0.0	0.0	2.09	2.7	e
2	Architect	5	100.0	0.0	0.0	2.22	3.7	e

CEA

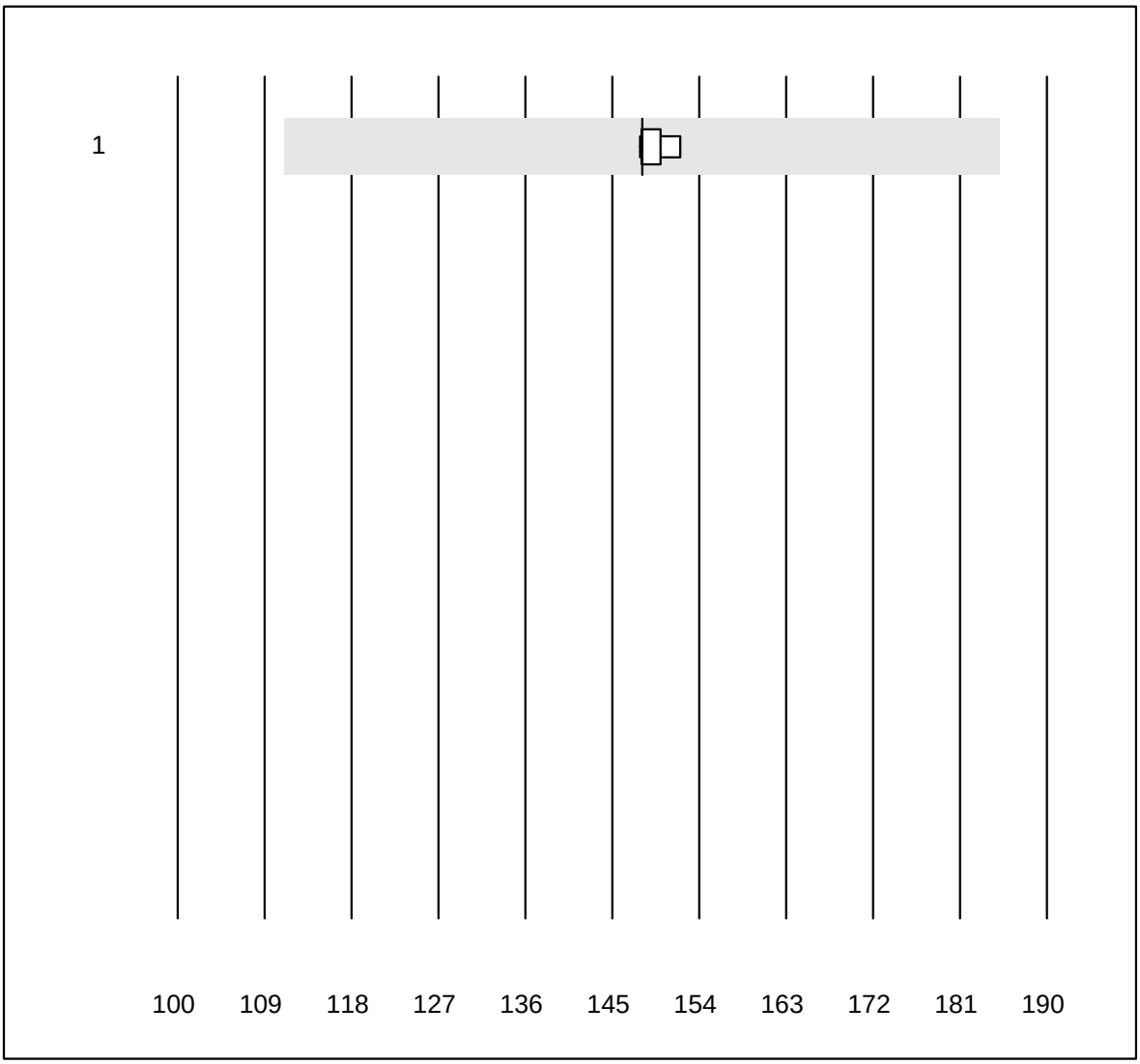


QUALAB Toleranz : 21 %

CEA (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	11	100.0	0.0	0.0	14.1	5.8	e
2	Architect	6	100.0	0.0	0.0	22.0	1.7	e

CA 125

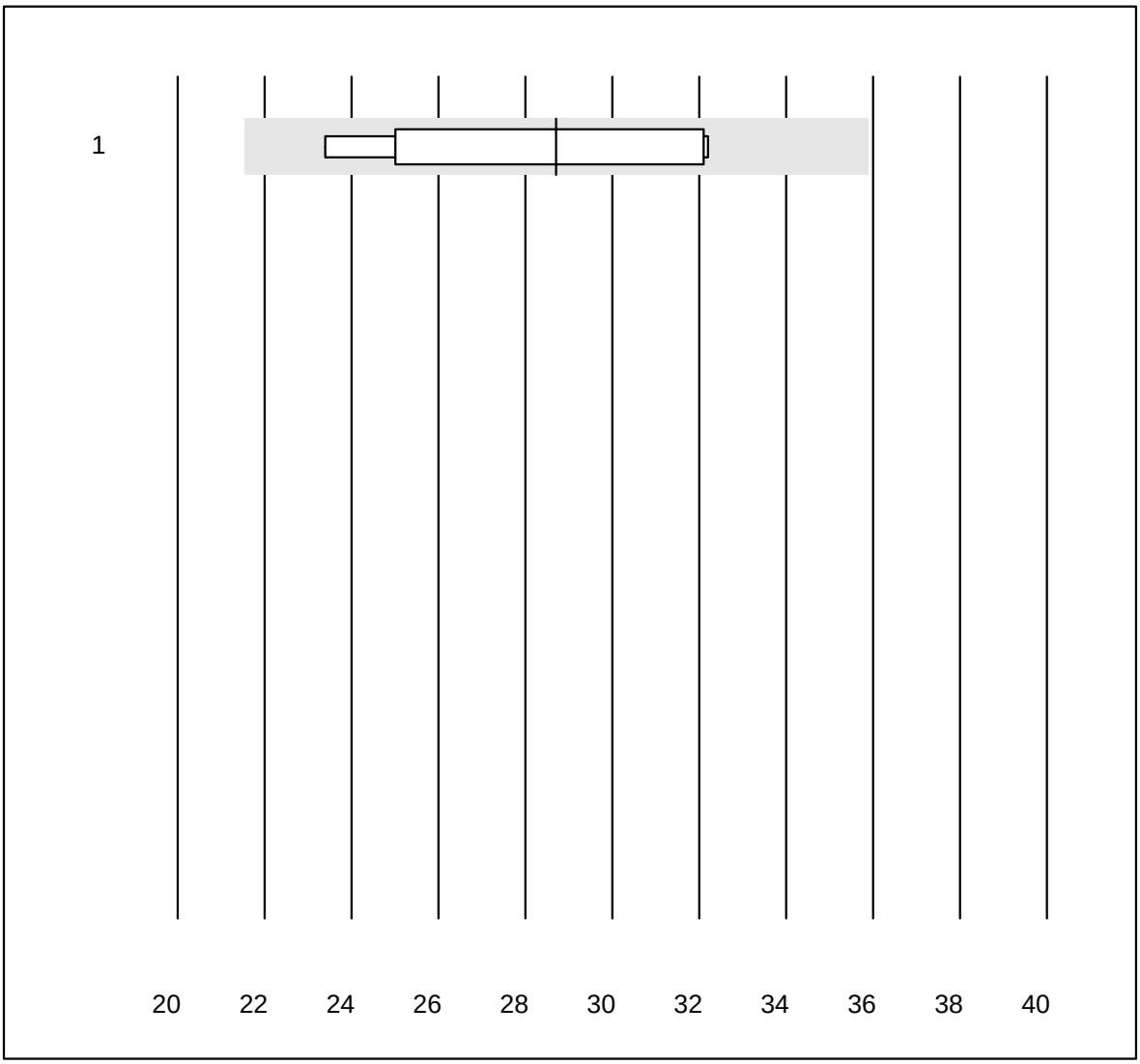


MQ Toleranz : 25 %

CA 125 (kIU/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	148.1	1.1	e

CA 19-9

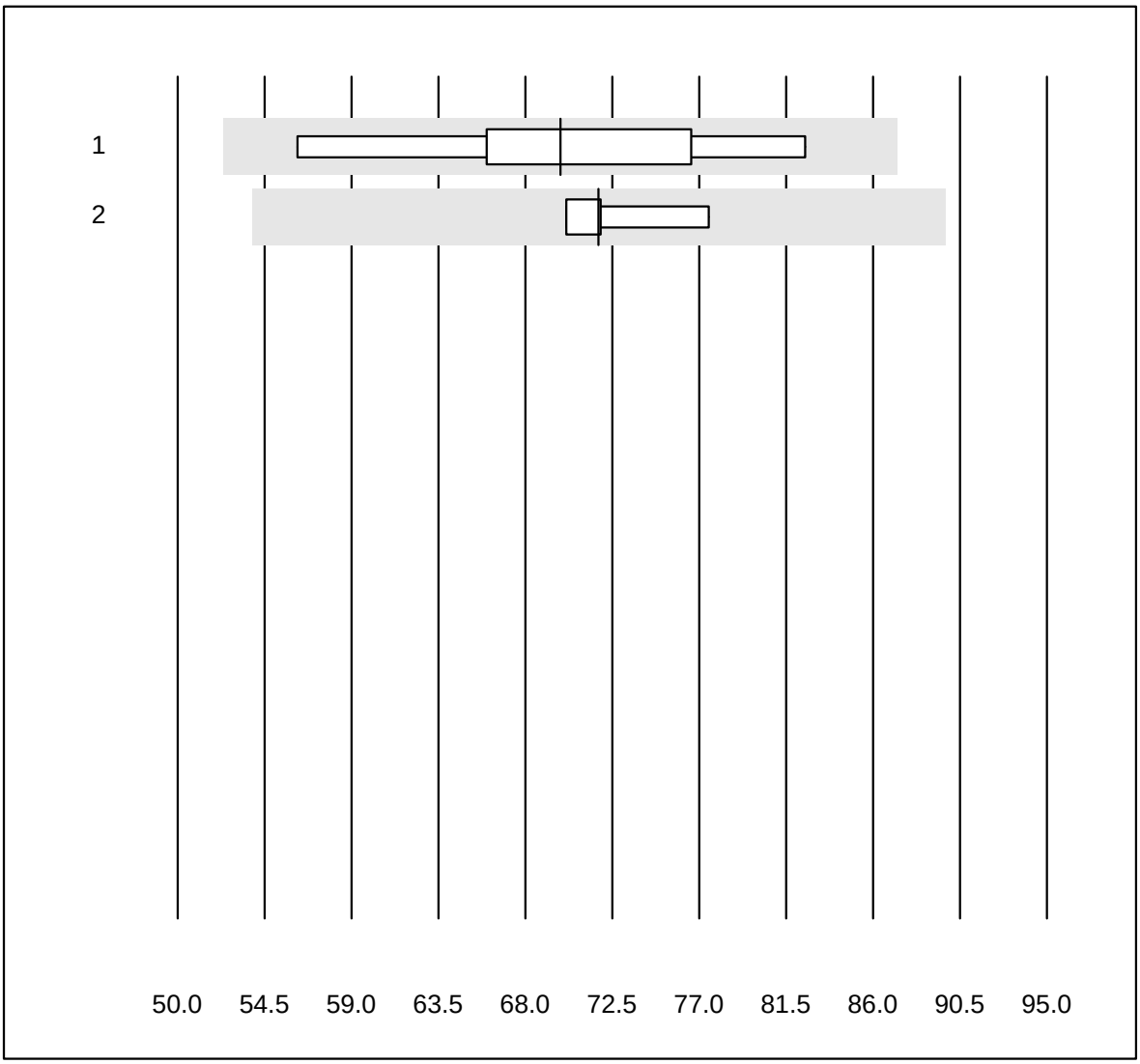


MQ Toleranz : 25 %

CA 19-9 (kIU/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	28.7	14.5	a

CA 15-3

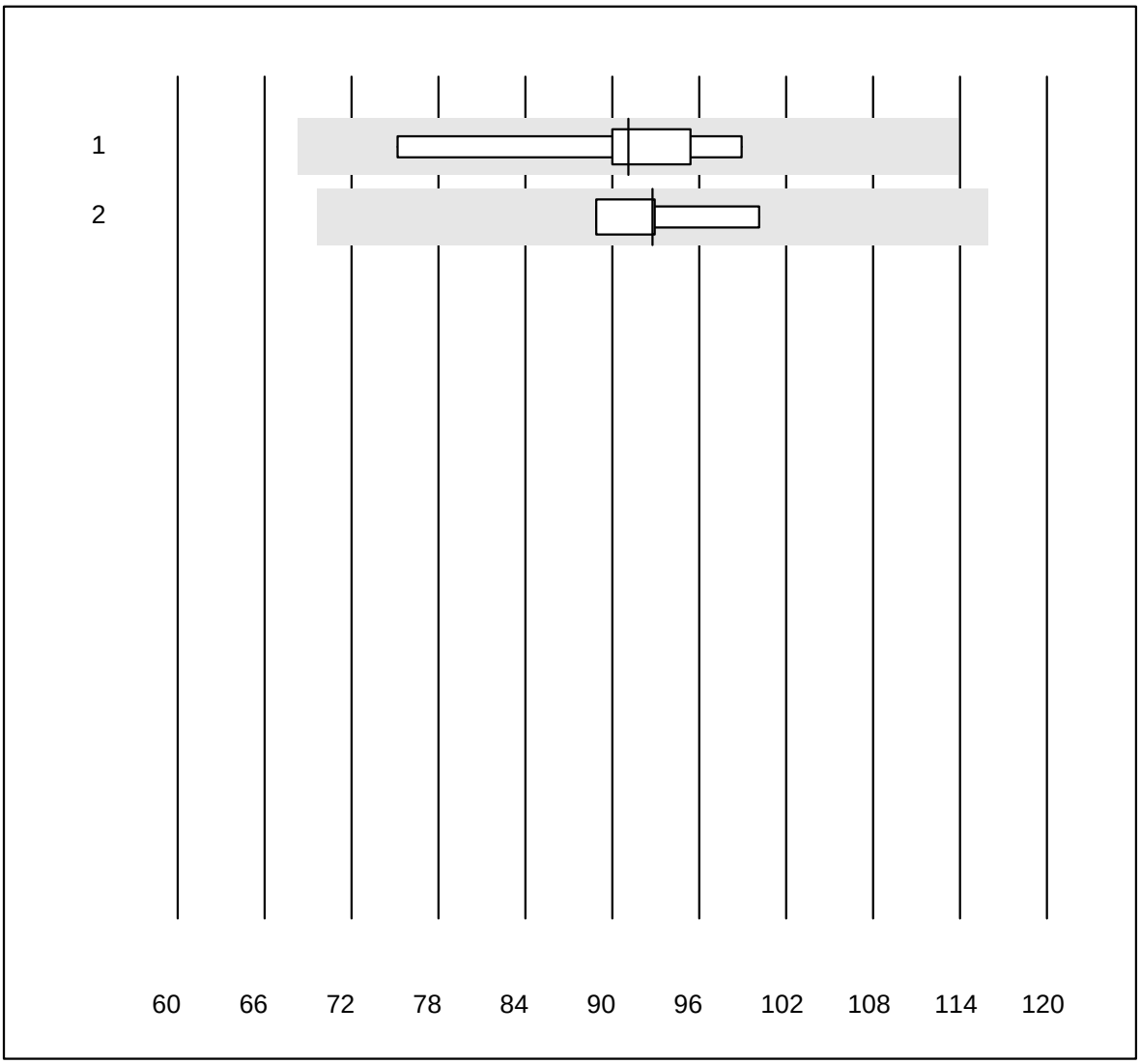


MQ Toleranz : 25 %

CA 15-3 (kIU/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	7	100.0	0.0	0.0	69.8	12.0	a
2	Architect	4	100.0	0.0	0.0	71.8	4.4	e

AFP

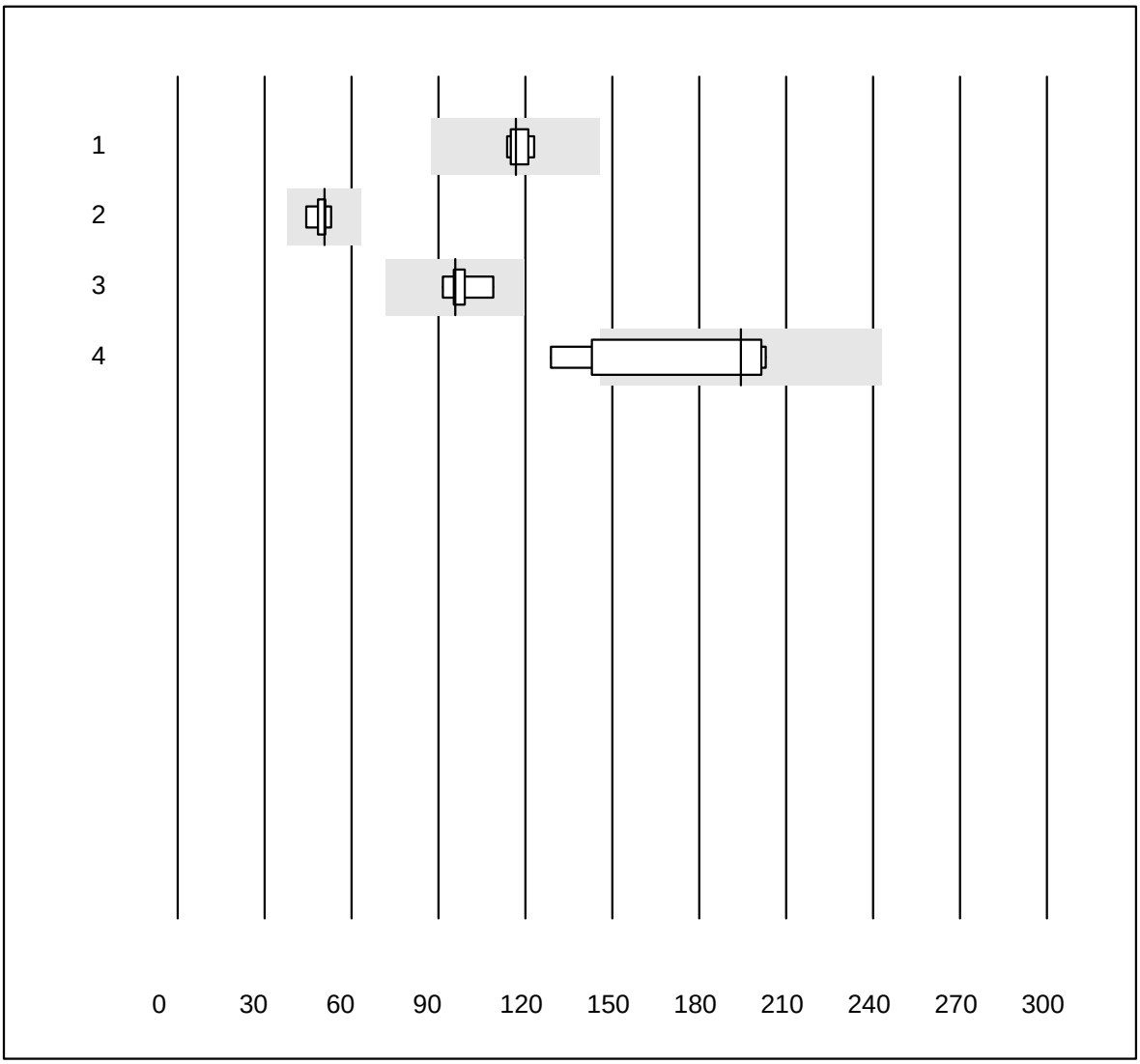


QUALAB Toleranz : 25 %

AFP (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	91.1	9.0	e*
2	Architect	4	100.0	0.0	0.0	92.8	5.0	e

HCG qn

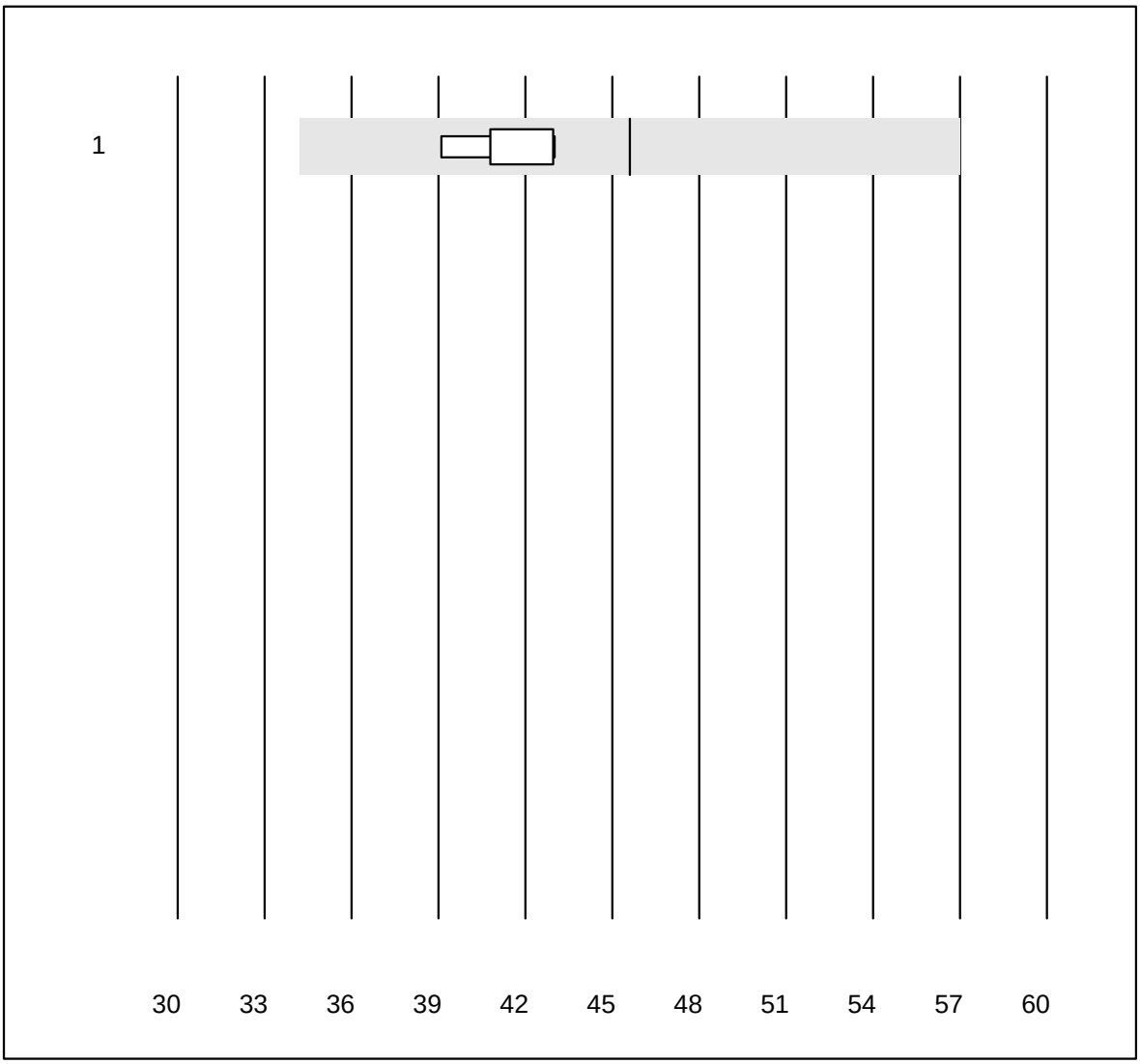


QUALAB Toleranz : 25 %

HCG qn (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	7	100.0	0.0	0.0	116.7	2.8	e
2	VIDAS	8	100.0	0.0	0.0	50.6	5.4	e
3	Architect	6	83.3	0.0	16.7	95.7	6.7	e
4	AFIAS	7	71.4	28.6	0.0	194.4	16.9	e*

HCG intakt

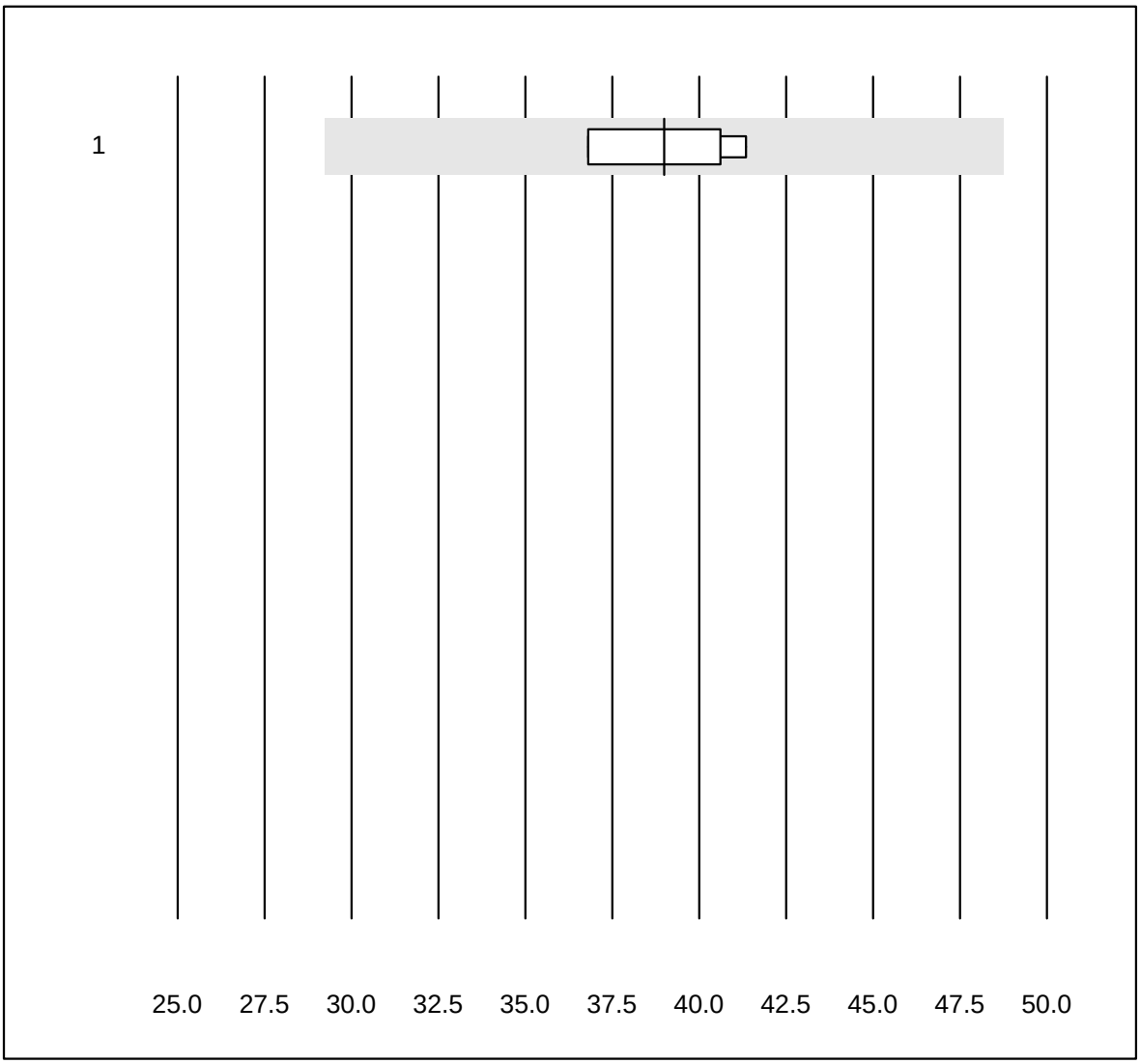


QUALAB Toleranz : 25 %

HCG intakt (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	5	100.0	0.0	0.0	45.6	4.0	a

Thyreoglobulin

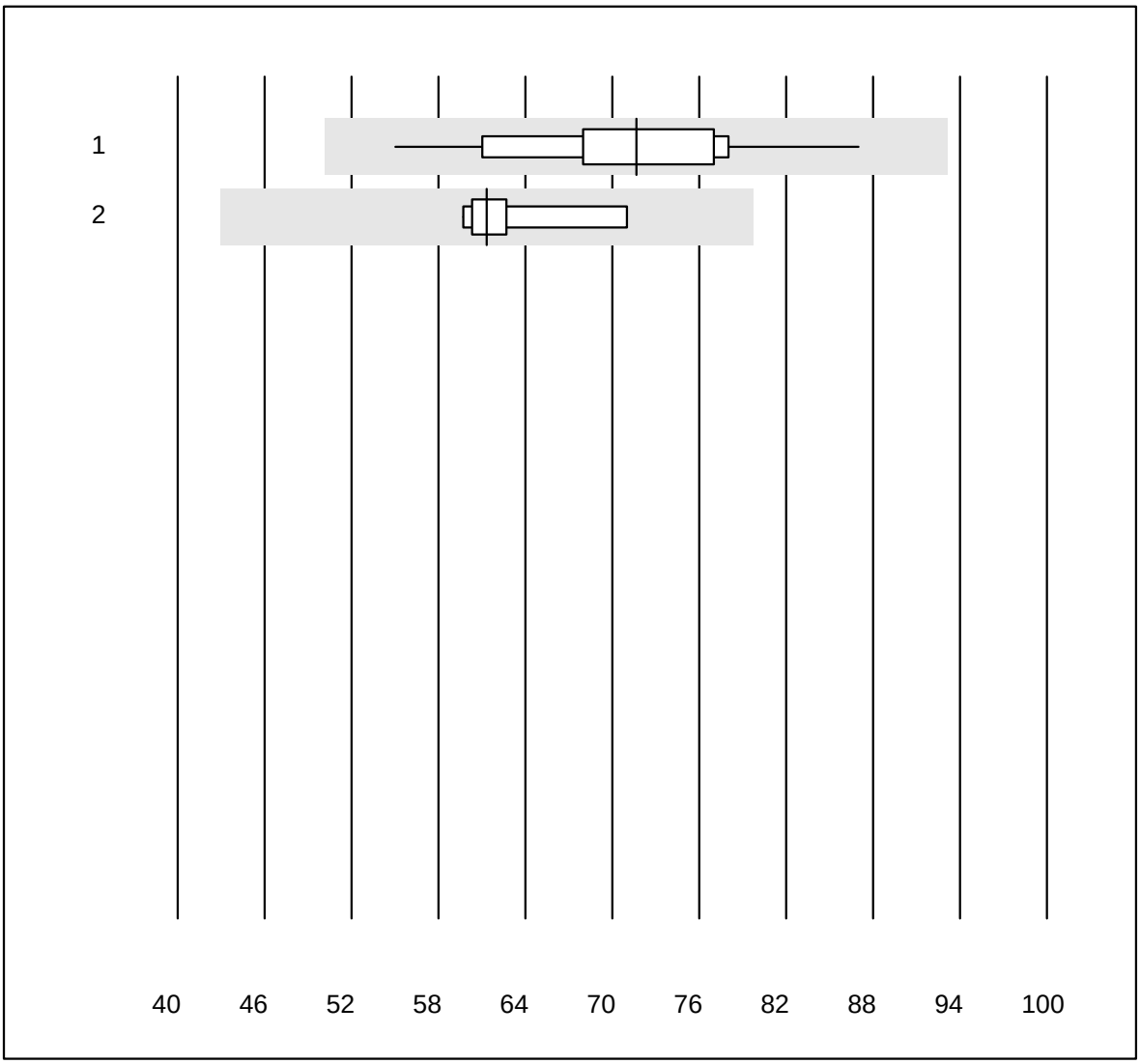


MQ Toleranz : 25 %

Thyreoglobulin (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	4	100.0	0.0	0.0	39.0	5.8	e

CK-MB

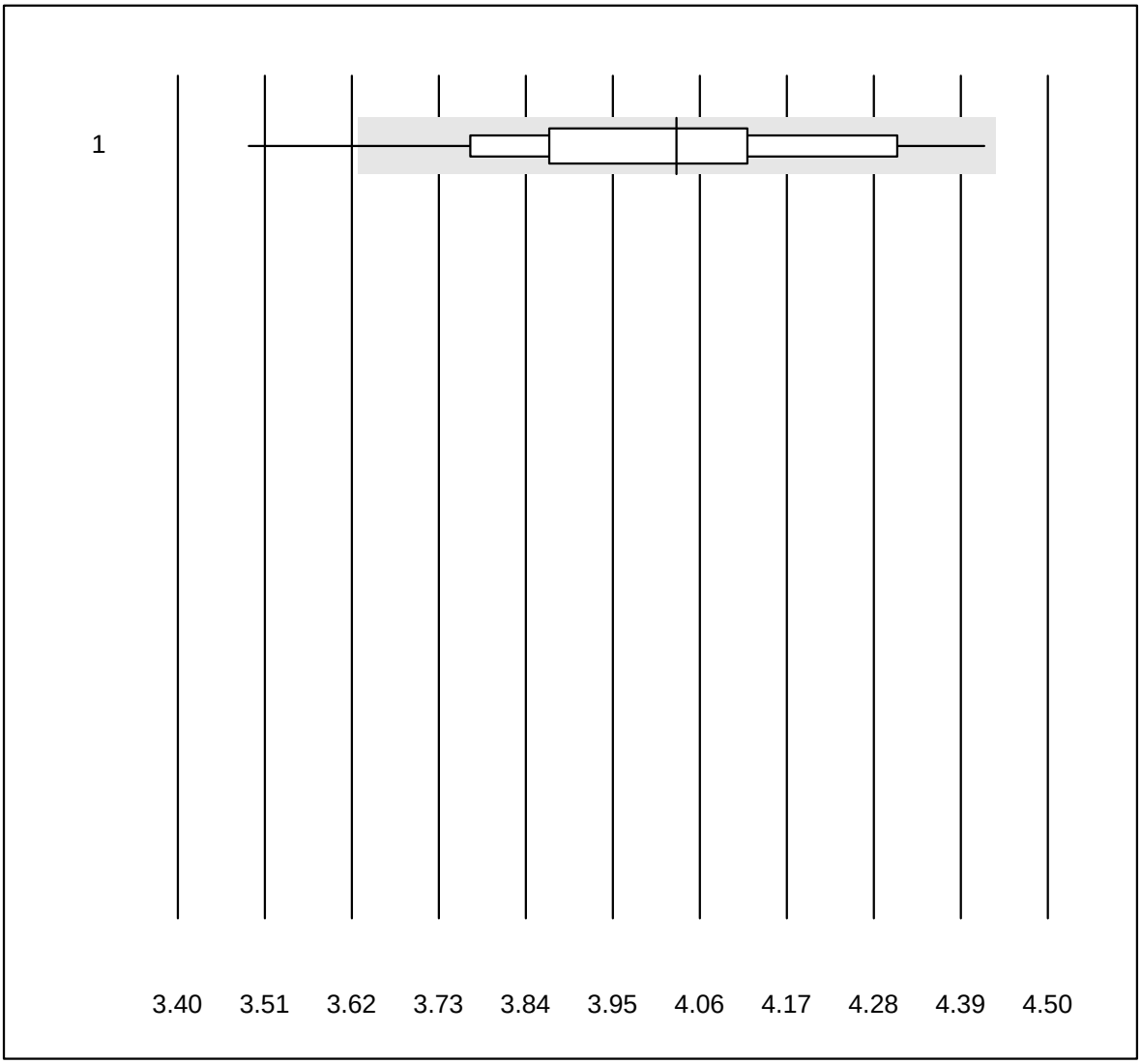


MQ Toleranz : 30 %

CK-MB (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Fuji Dri-Chem	31	96.8	0.0	3.2	71.7	9.7	e
2	Cobas/Roche	6	100.0	0.0	0.0	61.4	6.7	e

Cholesterin PTS

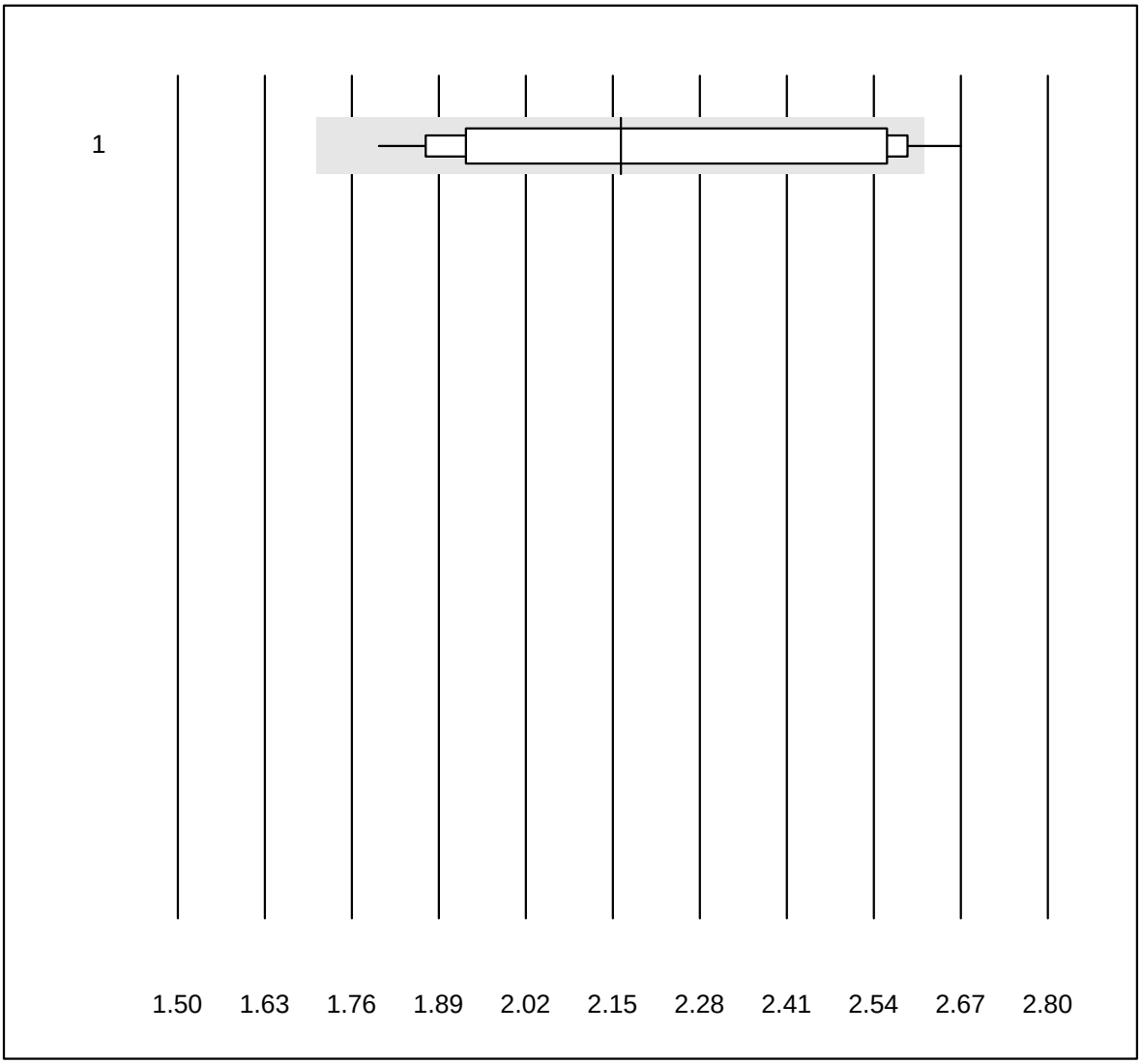


QUALAB Toleranz : 10 %

Cholesterin PTS (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CardioChek	13	84.6	7.7	7.7	4.03	6.4	e*

Cholesterin HDL PTS

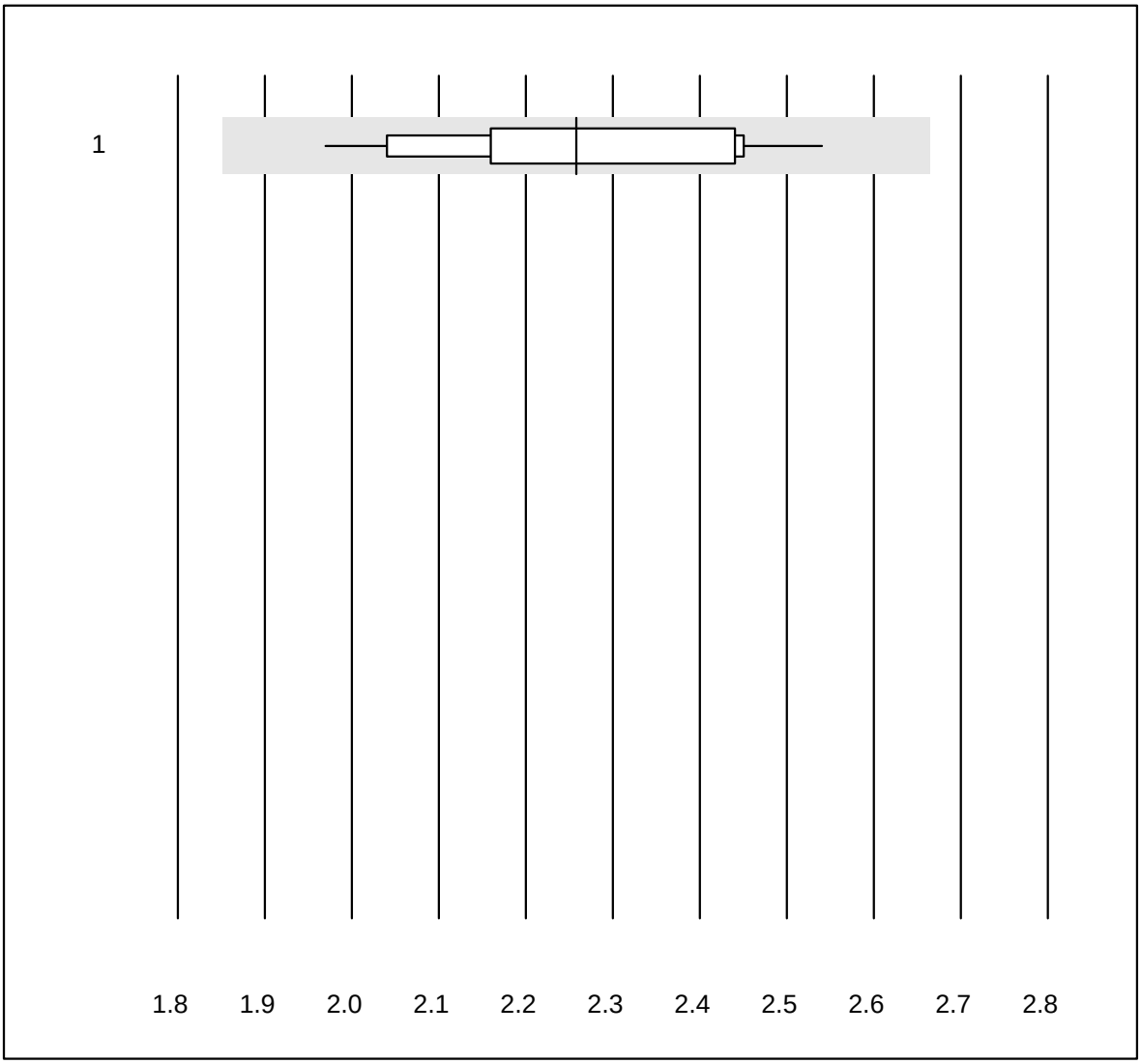


QUALAB Toleranz : 21 %

Cholesterin HDL PTS (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CardioChek	13	76.9	7.7	15.4	2.16	14.4	e*

Triglyceride PTS

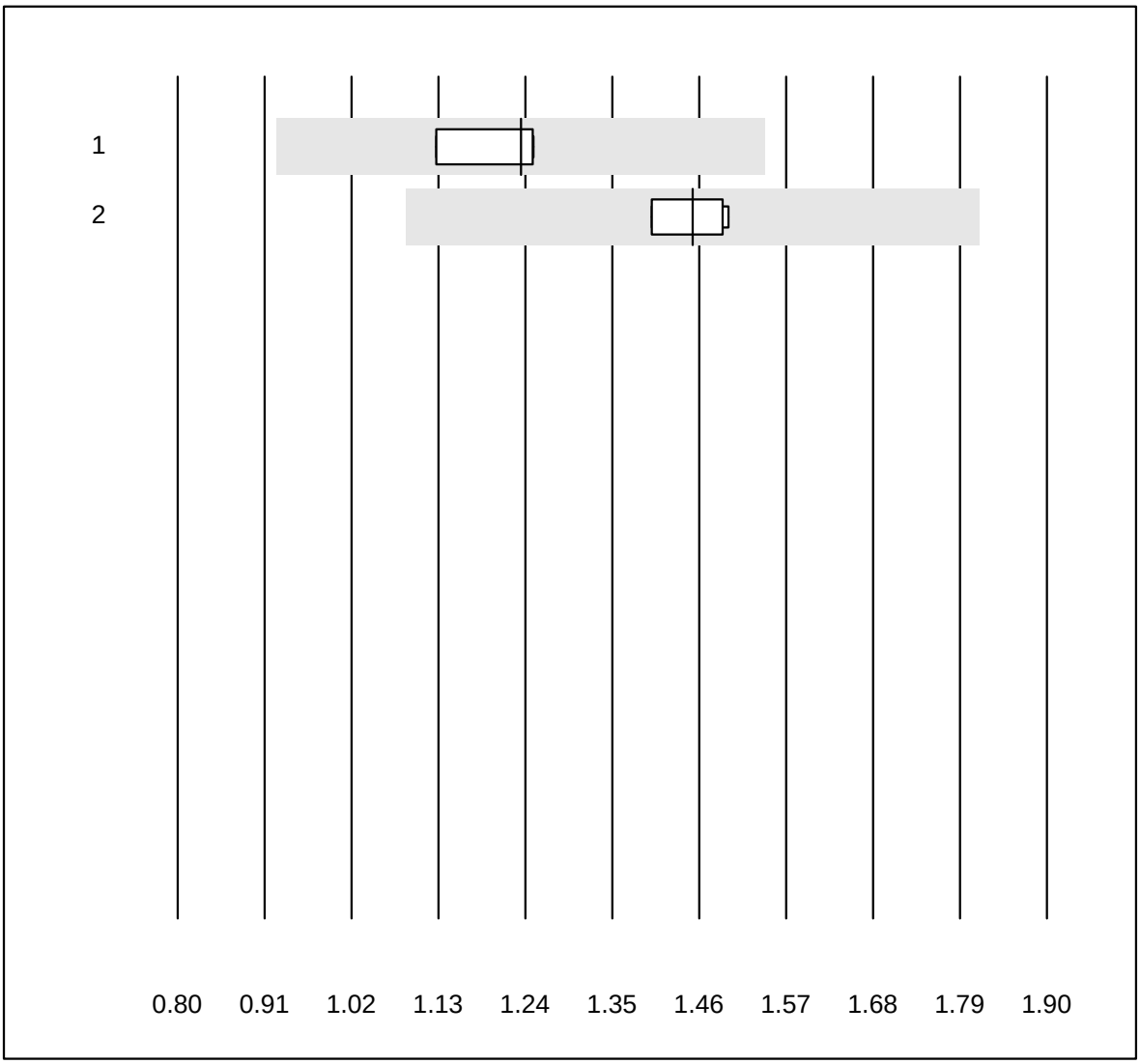


QUALAB Toleranz : 18 %

Triglyceride PTS (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CardioChek	13	100.0	0.0	0.0	2.26	7.7	e

C-Peptid

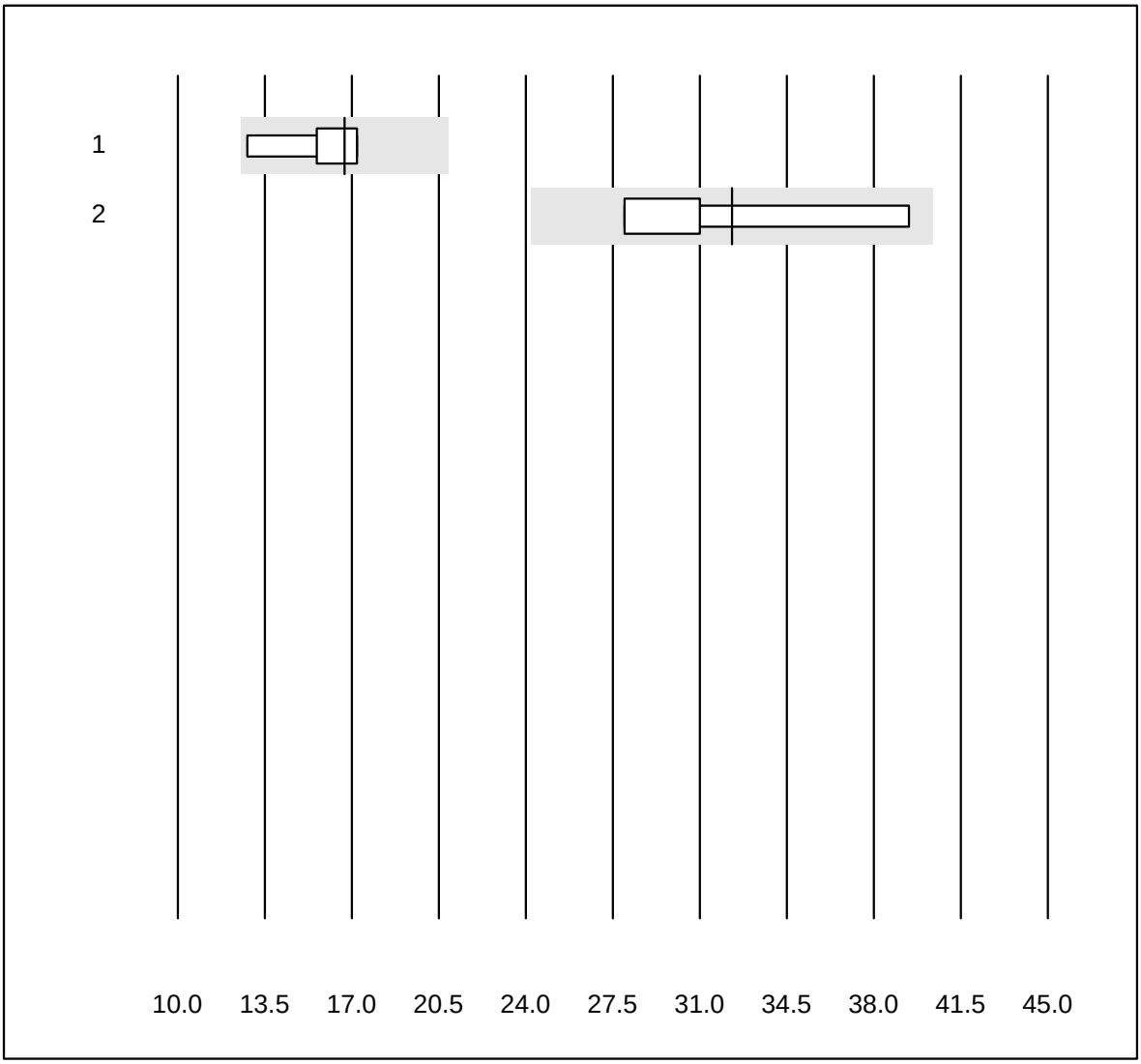


MQ Toleranz : 25 %

C-Peptid (nmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	4	100.0	0.0	0.0	1.23	4.8	e
2	Liaison	4	100.0	0.0	0.0	1.45	3.5	e

ACTH

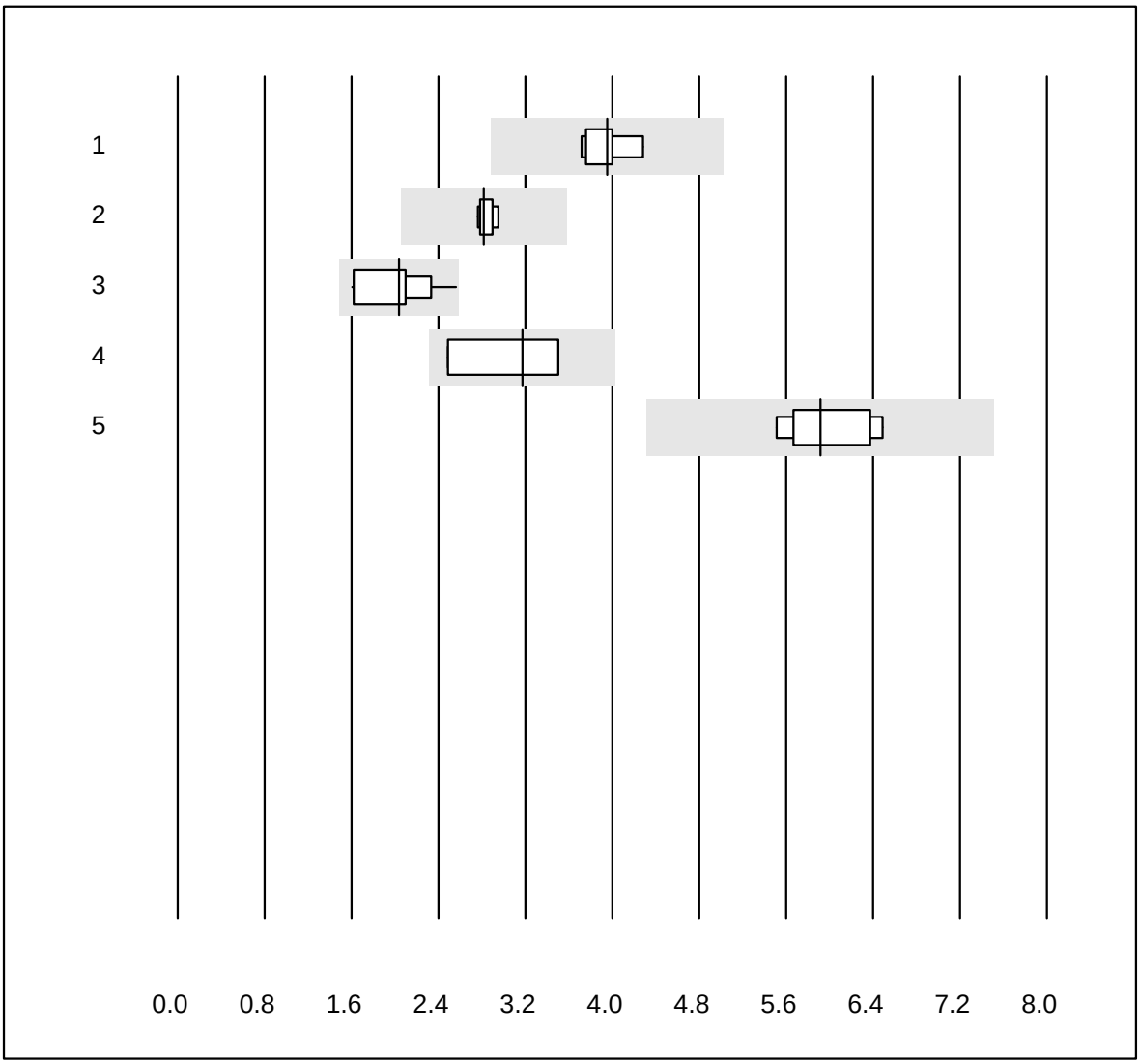


MQ Toleranz : 25 %

ACTH (ng/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	5	100.0	0.0	0.0	16.70	11.6	e*
2	Liaison	4	100.0	0.0	0.0	32.30	15.9	a

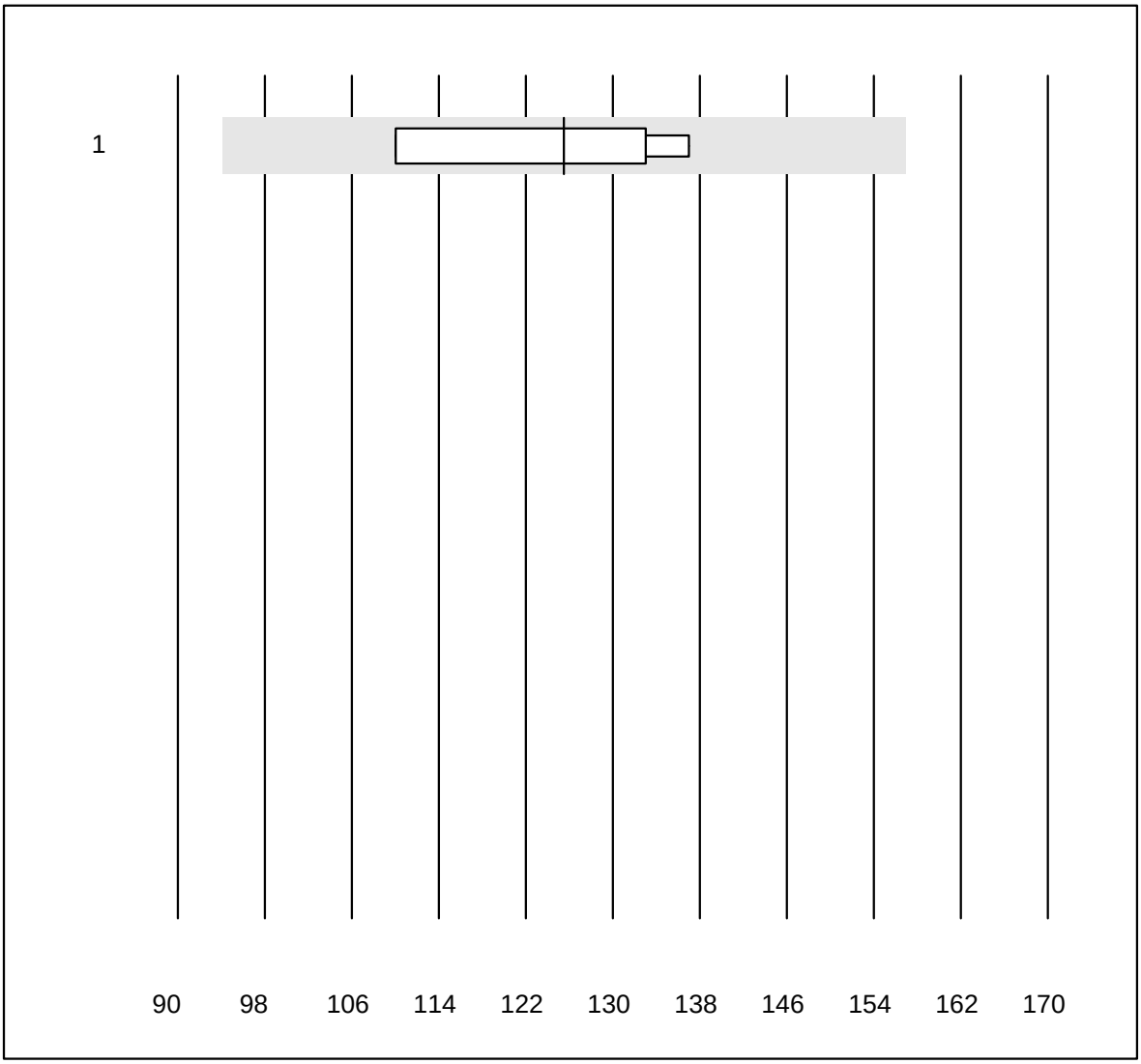
Procalcitonin



QUALAB Toleranz : 27 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	6	100.0	0.0	0.0	3.96	5.1	e
2	Cobas	9	100.0	0.0	0.0	2.82	2.4	e
3	VIDAS	11	100.0	0.0	0.0	2.04	16.1	e*
4	andere Methoden	4	75.0	0.0	25.0	3.17	17.4	e*
5	Liaison	6	100.0	0.0	0.0	5.92	6.9	e

EPO

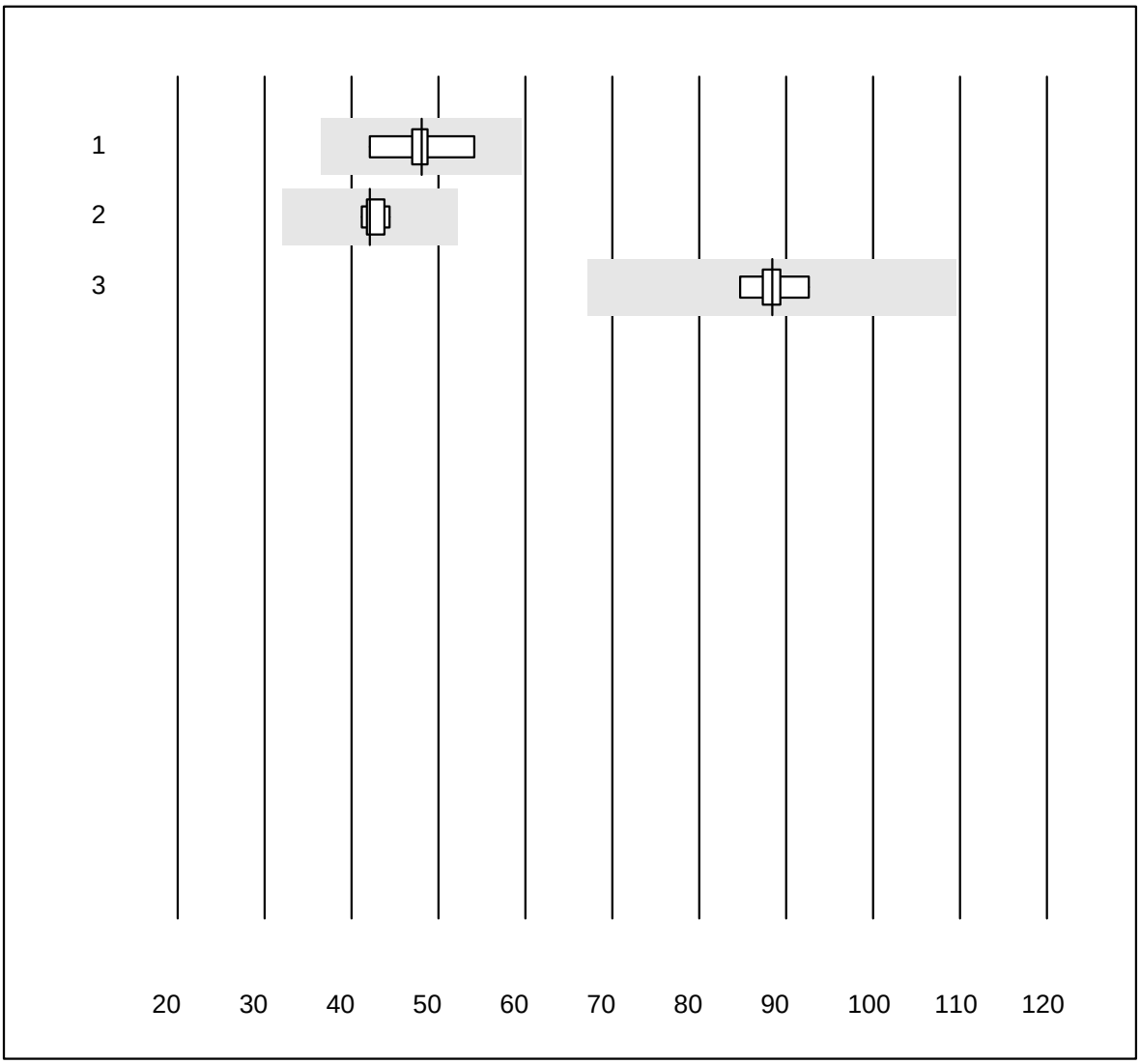


MQ Toleranz : 25 %

EPO (U/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Immulite	4	100.0	0.0	0.0	125.5	10.2	e*

Parathormon

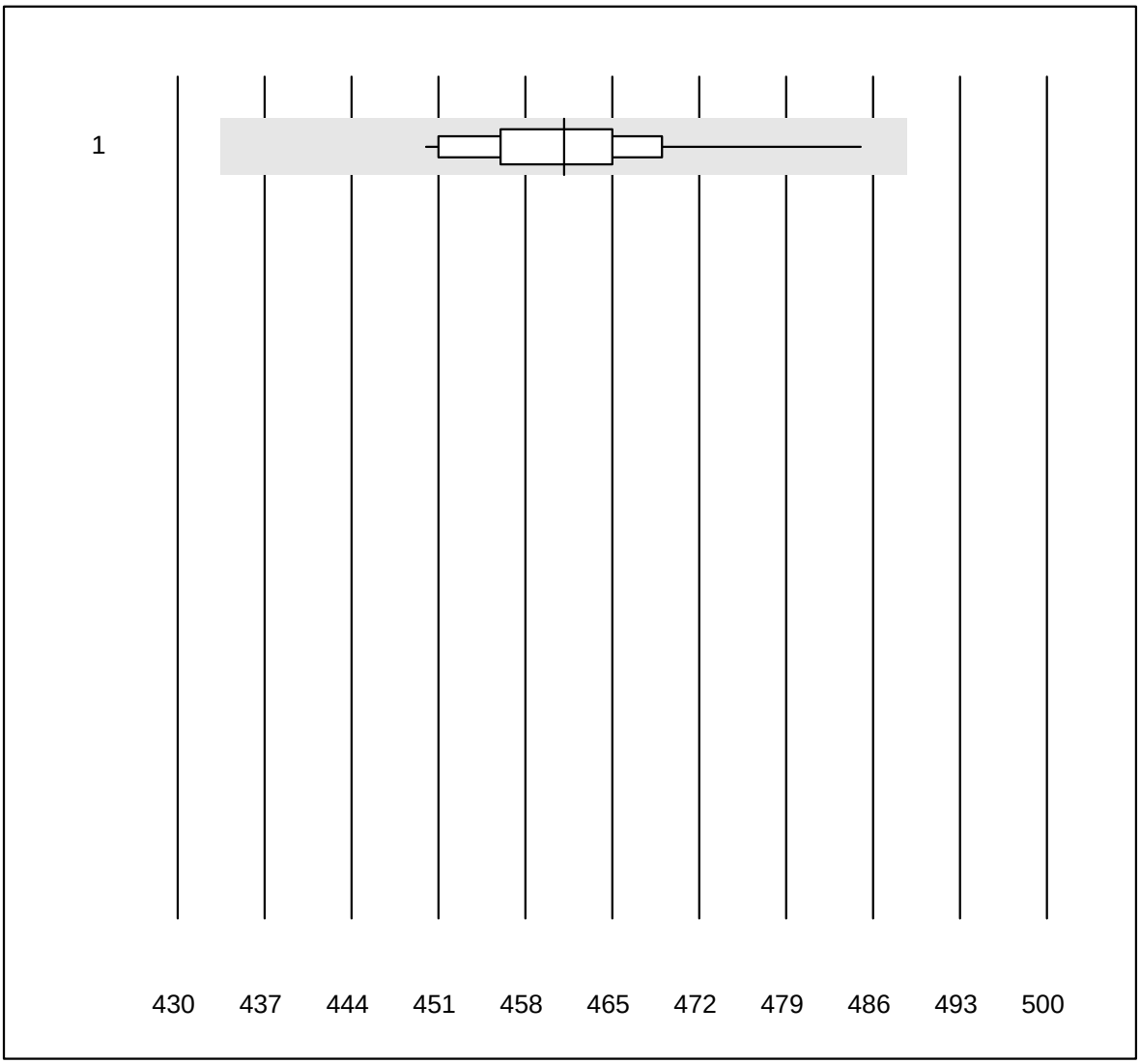


QUALAB Toleranz : 24 %

Parathormon (pmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas PTH STAT	8	100.0	0.0	0.0	48.0	6.8	e
2	Cobas	7	100.0	0.0	0.0	42.1	2.8	e
3	Architect	5	100.0	0.0	0.0	88.4	3.3	e

Osmolalität

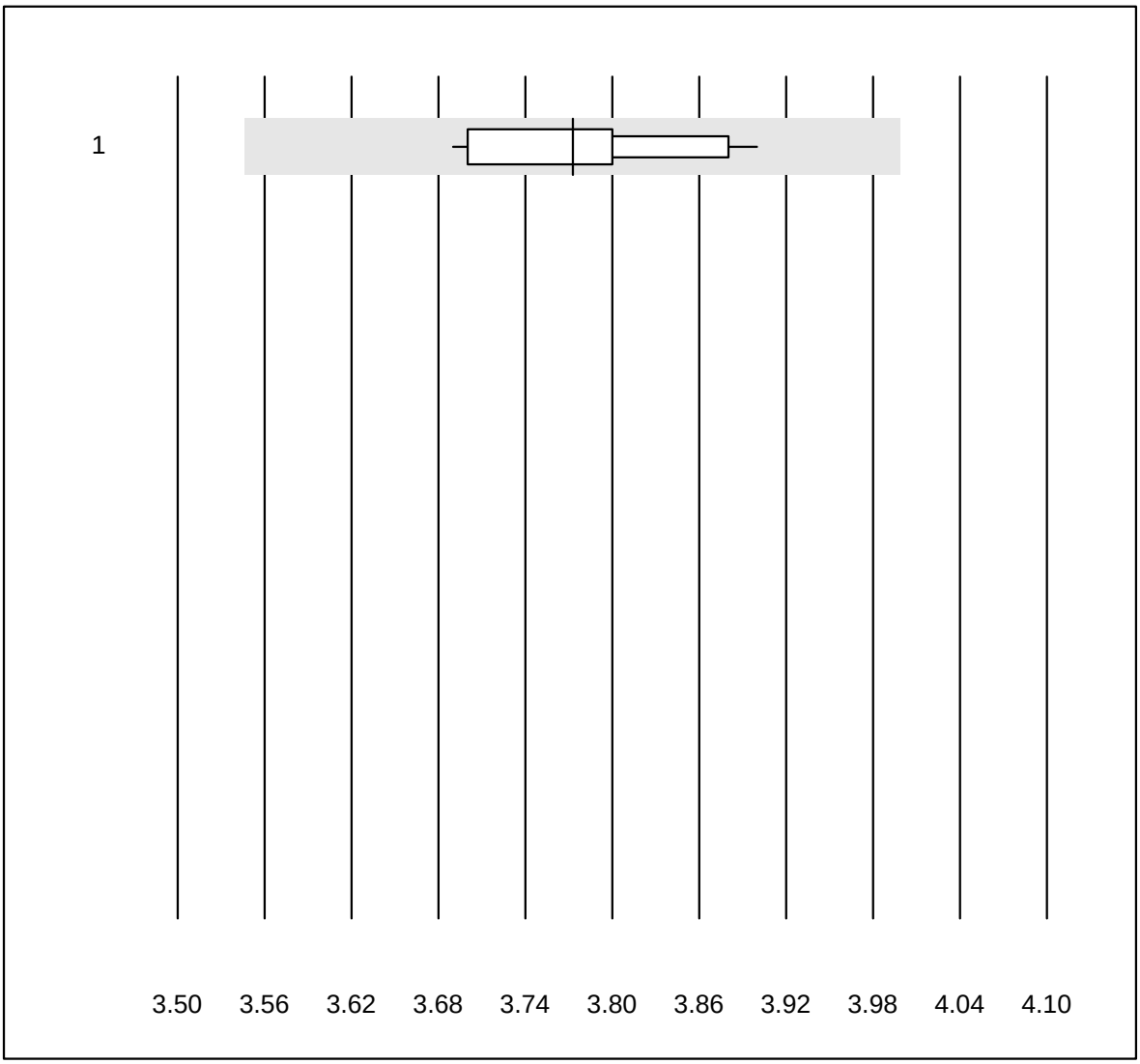


QUALAB Toleranz : 6 %

Osmolalität (mosm/kg)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Kryoskopie	17	100.0	0.0	0.0	461	1.8	e

Kalium-K22

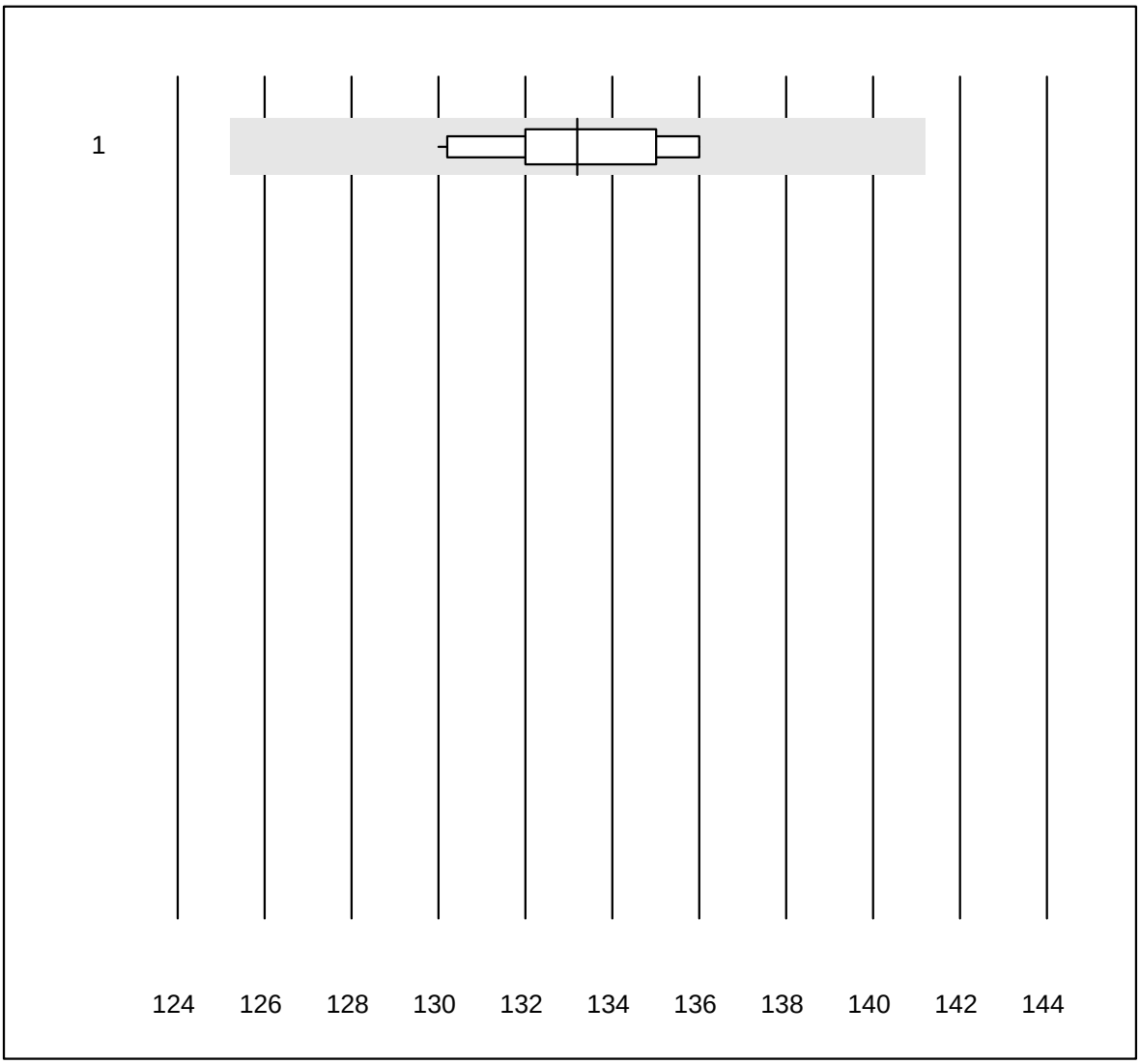


QUALAB Toleranz : 6 %

Kalium-K22 (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	11	100.0	0.0	0.0	3.8	1.9	e

Natrium-K22

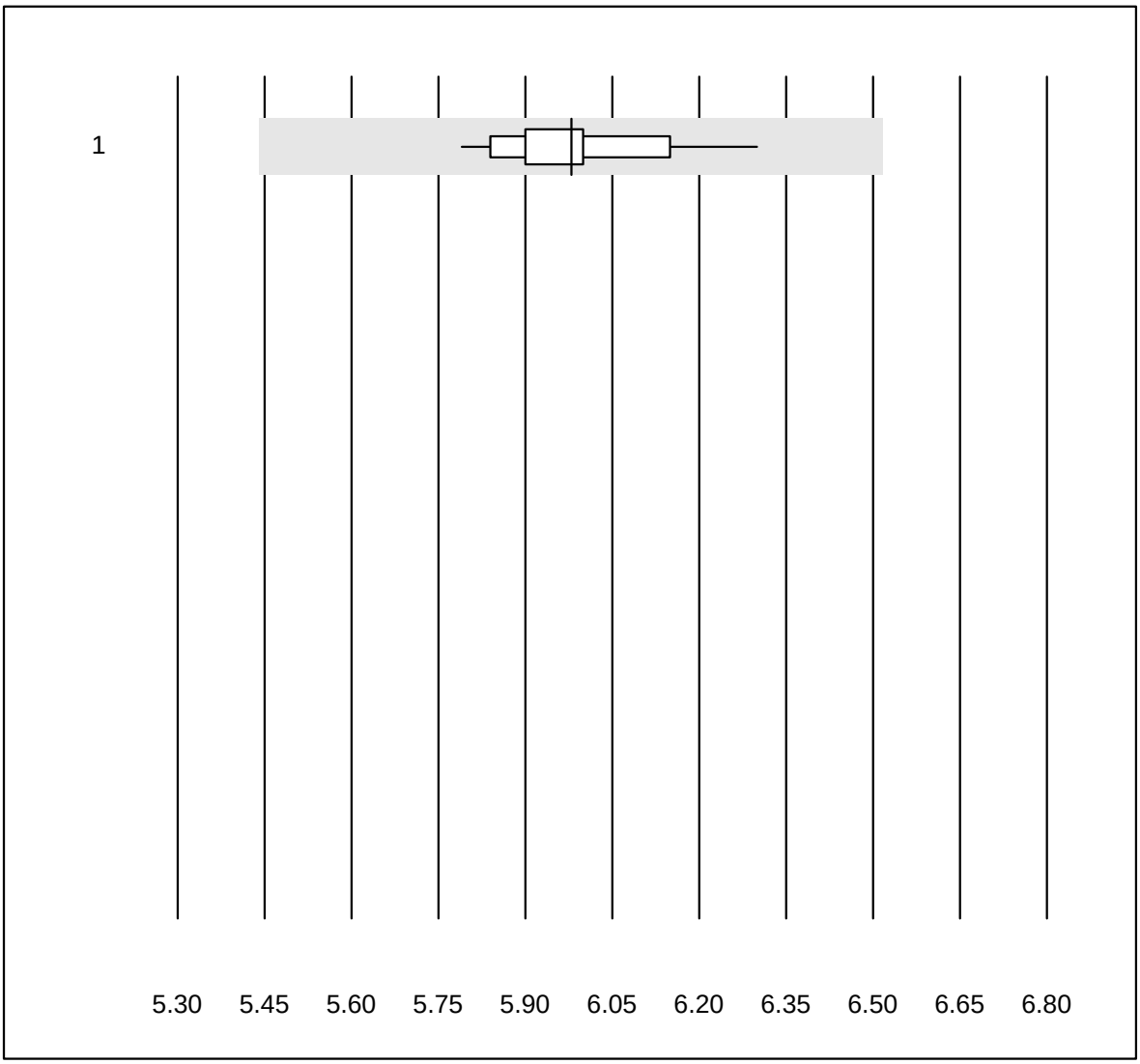


QUALAB Toleranz : 6 %

Natrium-K22 (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	11	100.0	0.0	0.0	133	1.6	e

Glukose-K22

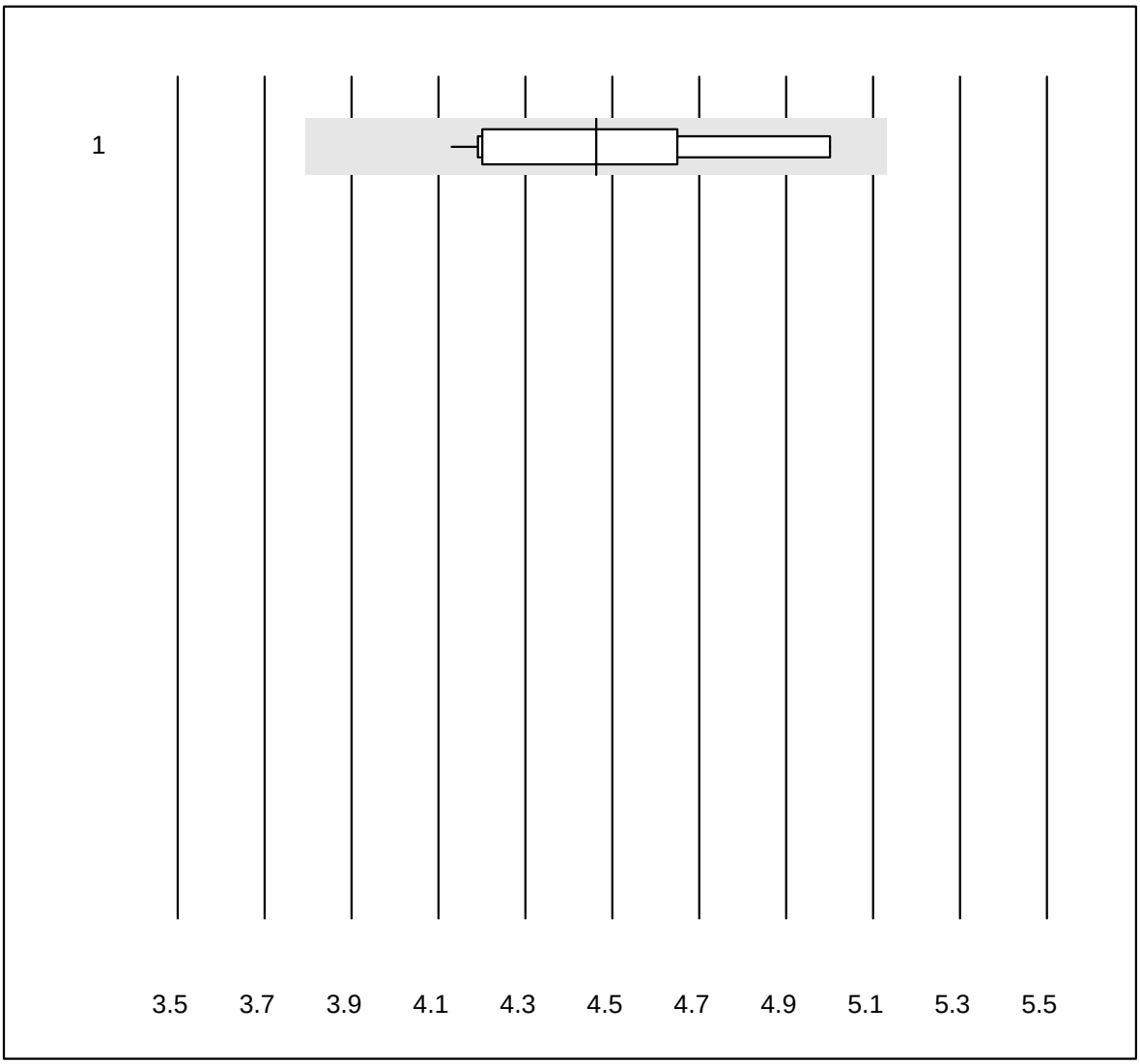


QUALAB Toleranz : 9 %

Glukose-K22 (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	11	100.0	0.0	0.0	6.0	2.4	e

Harnstoff-K22

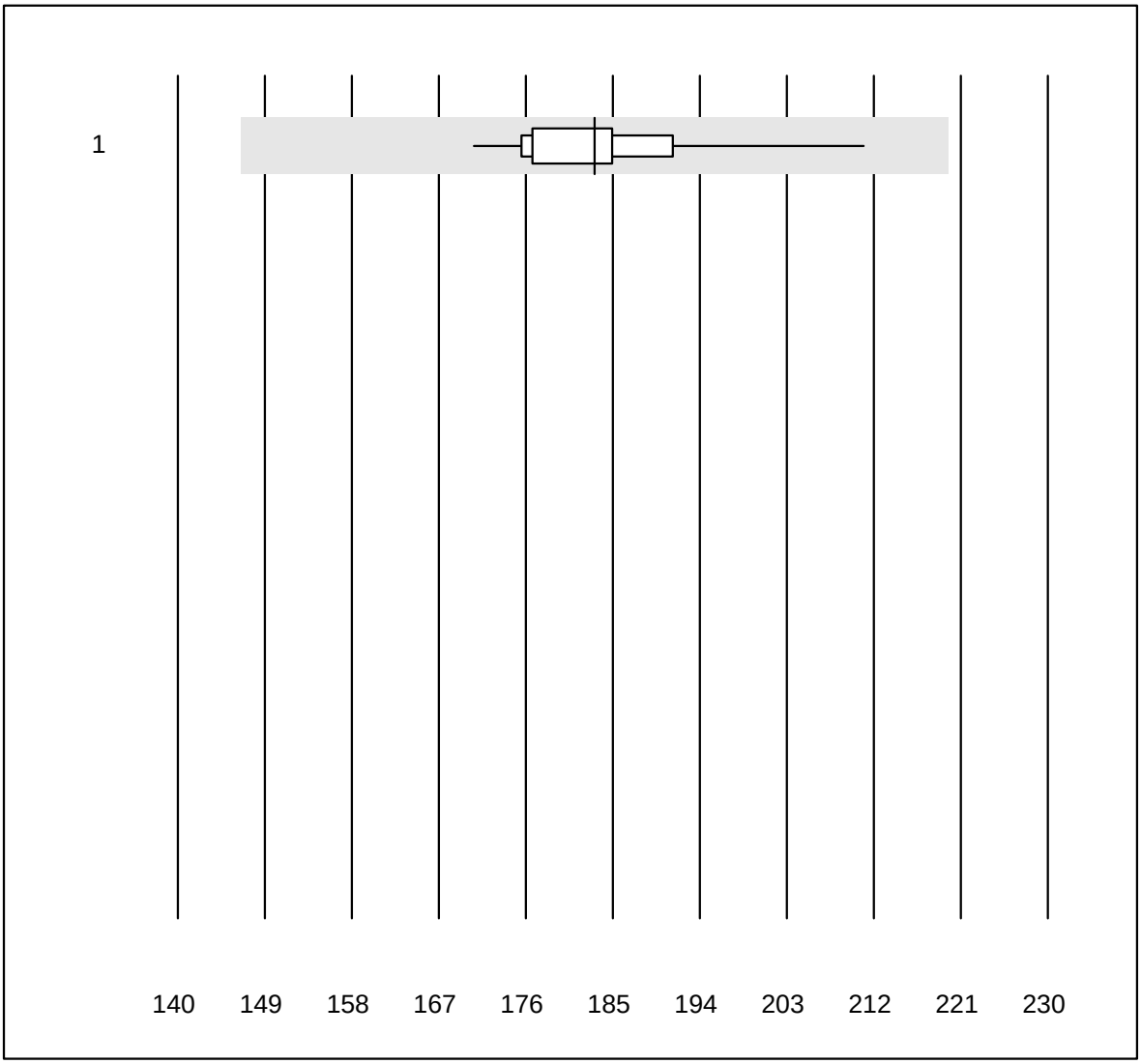


QUALAB Toleranz : 15 %

Harnstoff-K22 (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	11	100.0	0.0	0.0	4.5	6.8	e*

Osmotische Lücke

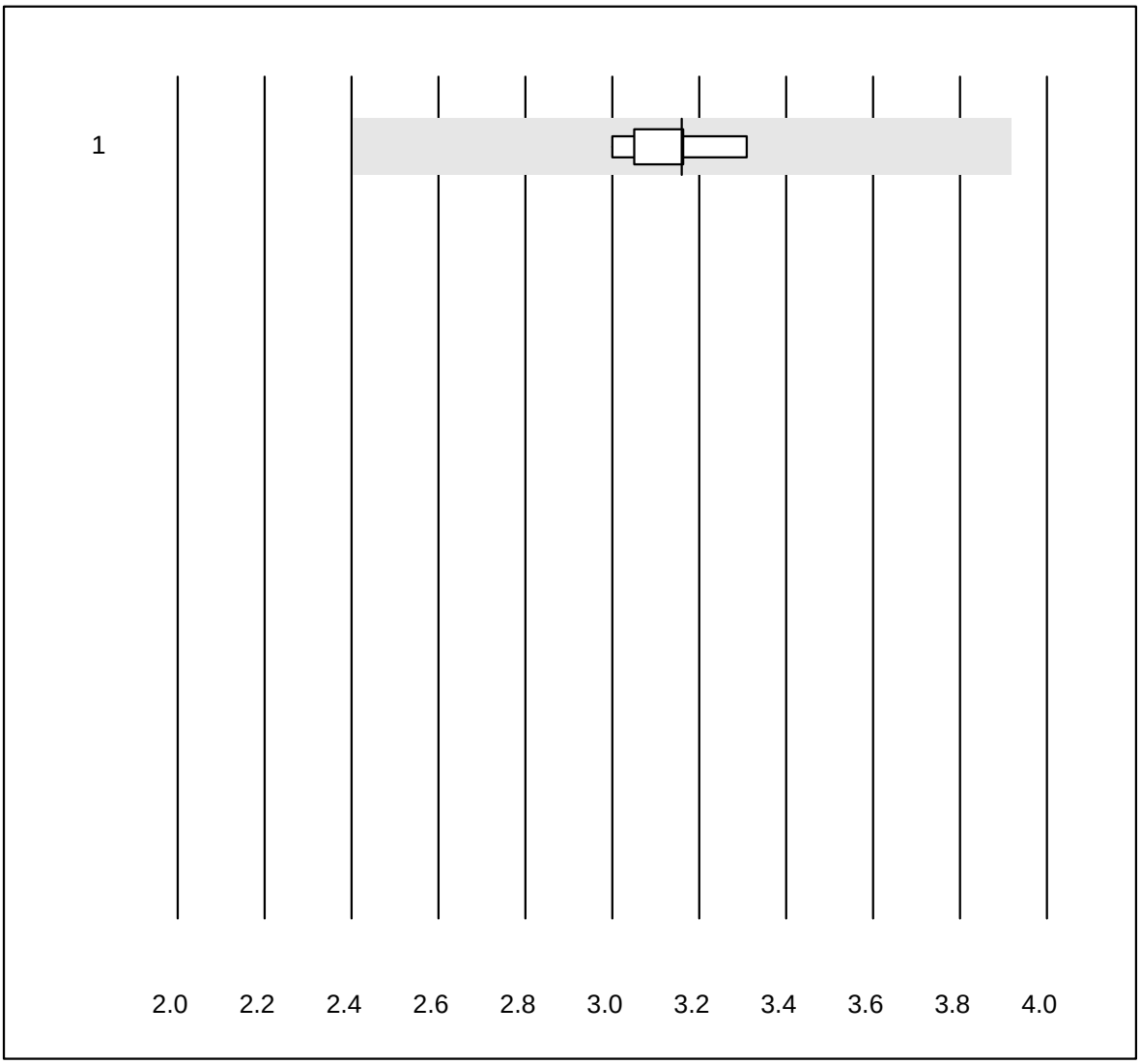


MQ Toleranz : 20 %

Osmotische Lücke (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Formel 1 (2Na+K+Glu+	11	100.0	0.0	0.0	183.1	5.9	e

Digoxin

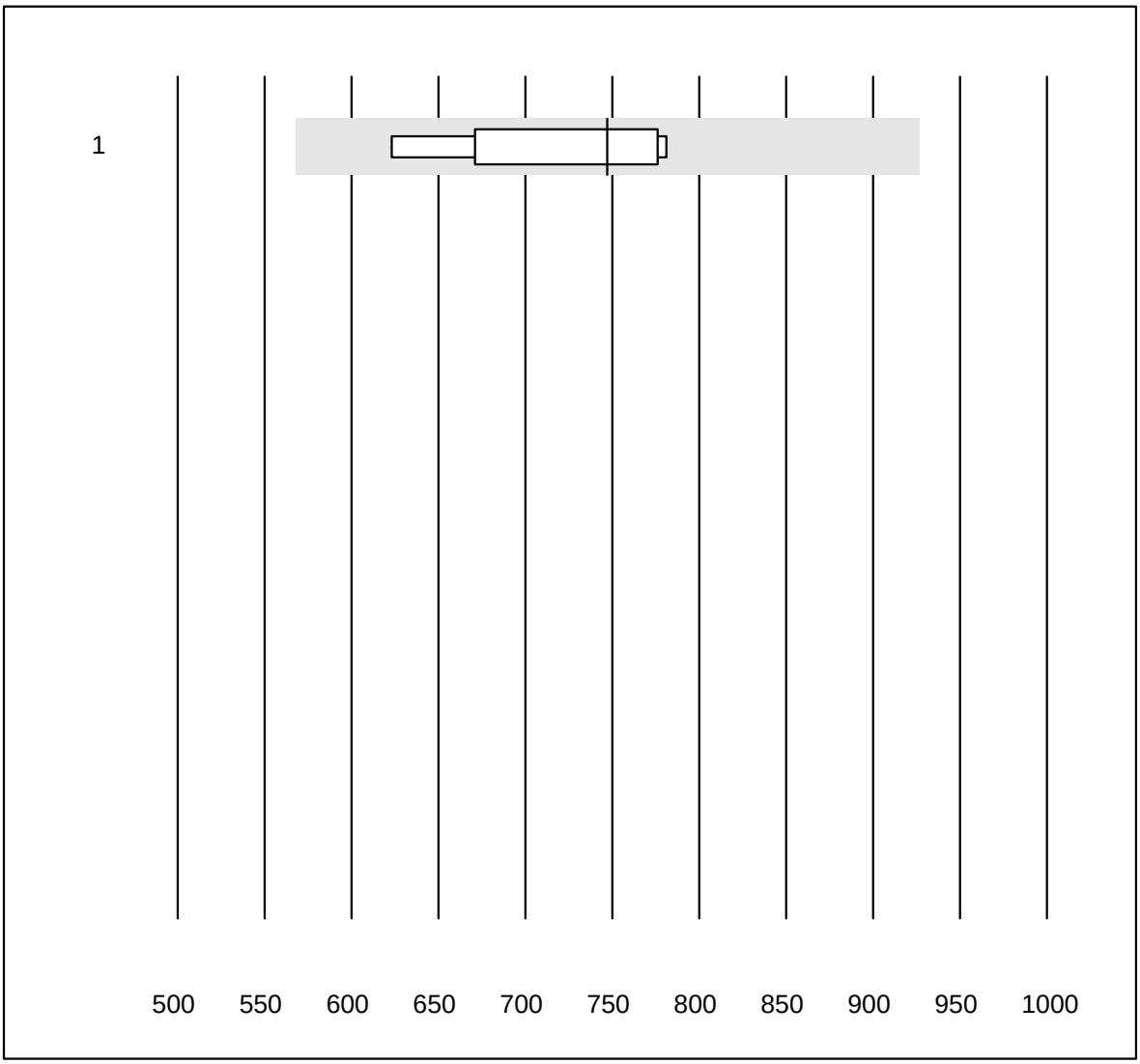


QUALAB Toleranz : 24 %

Digoxin (nmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	andere Methoden	6	100.0	0.0	0.0	3.16	3.5	e

Valproat

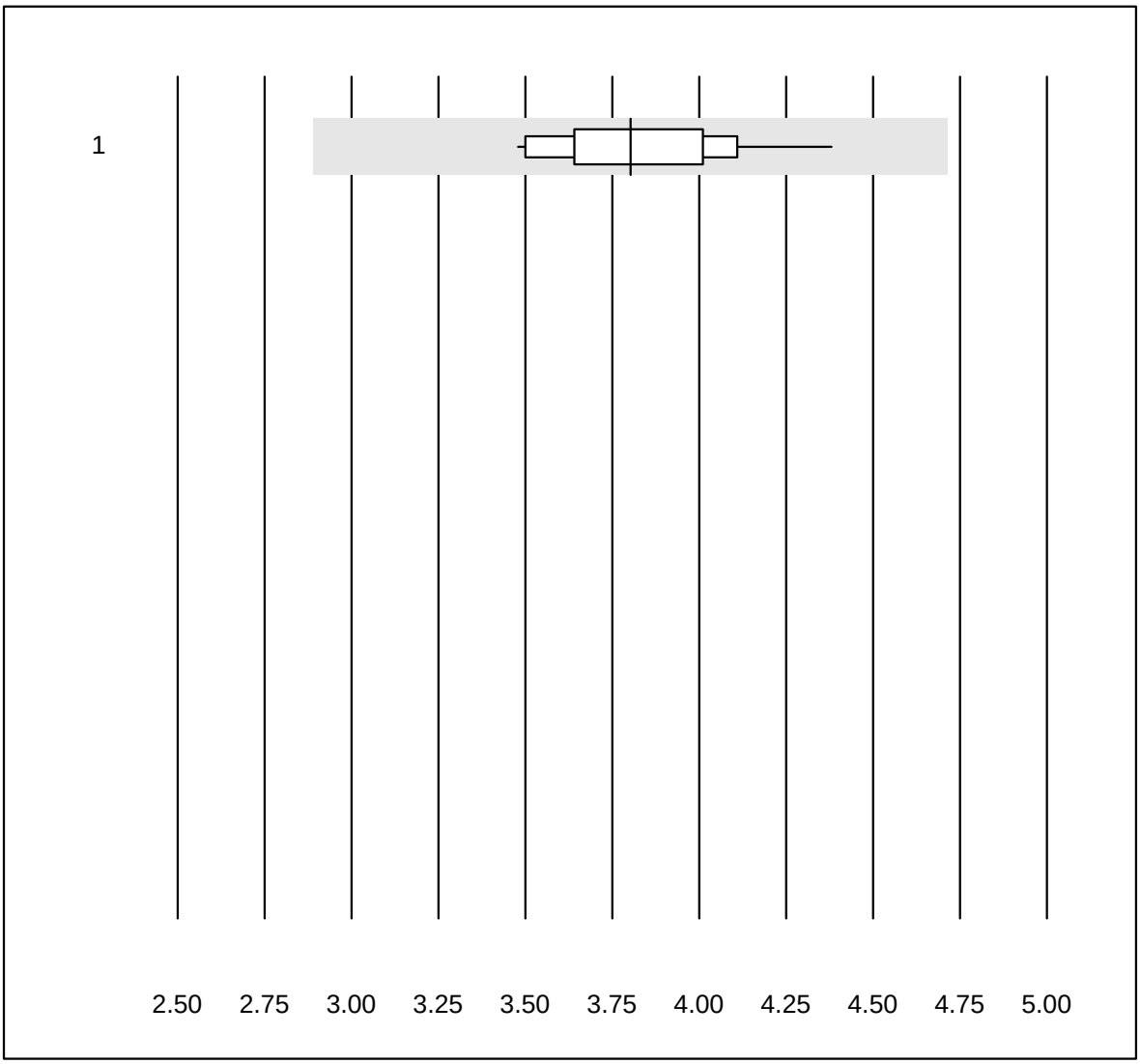


MQ Toleranz : 24 %

Valproat (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	6	100.0	0.0	0.0	747.0	8.7	e*

Cystatin C

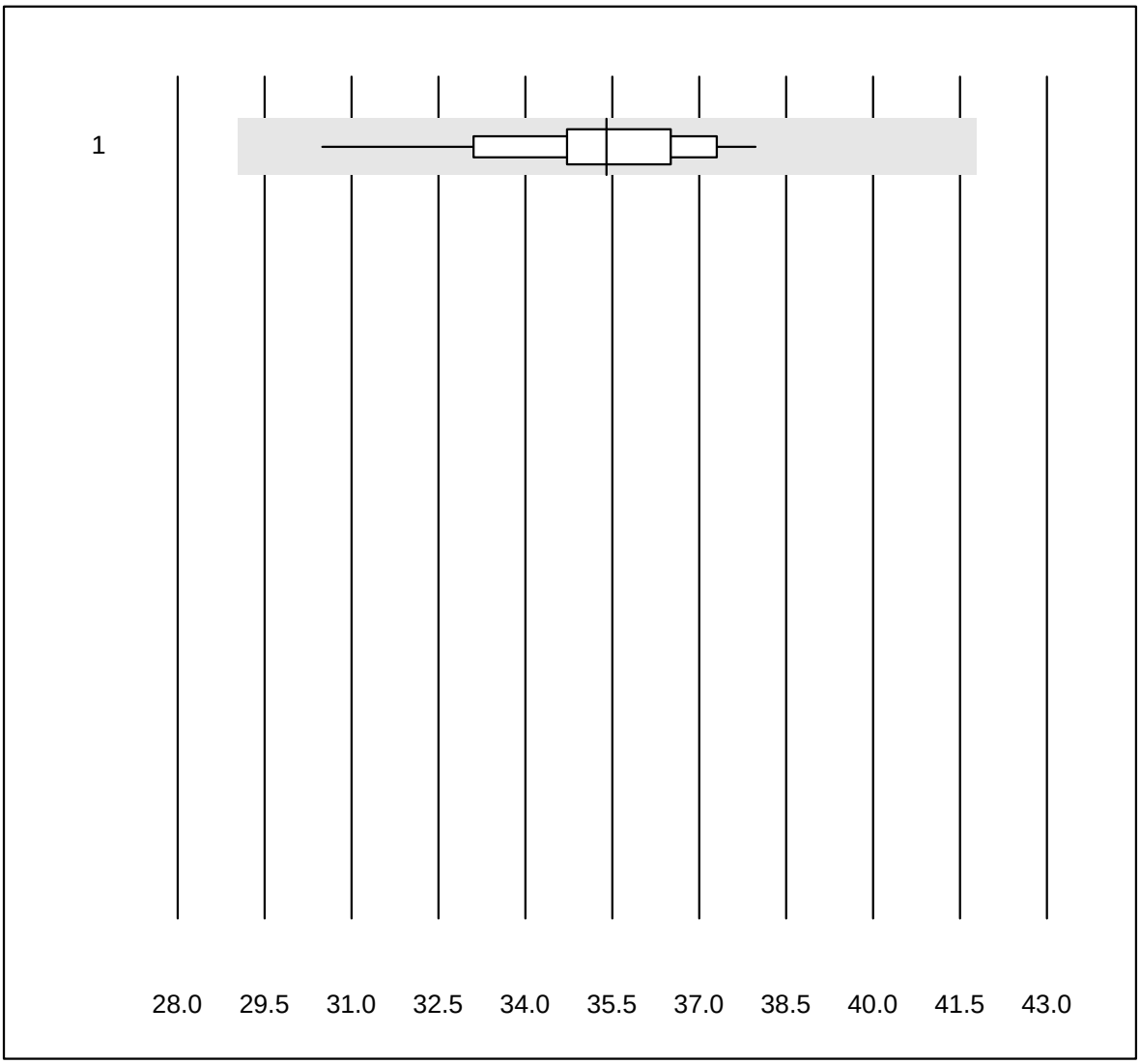


MQ Toleranz : 24 %

Cystatin C (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	12	91.7	0.0	8.3	3.80	7.1	e

Ethylalkohol

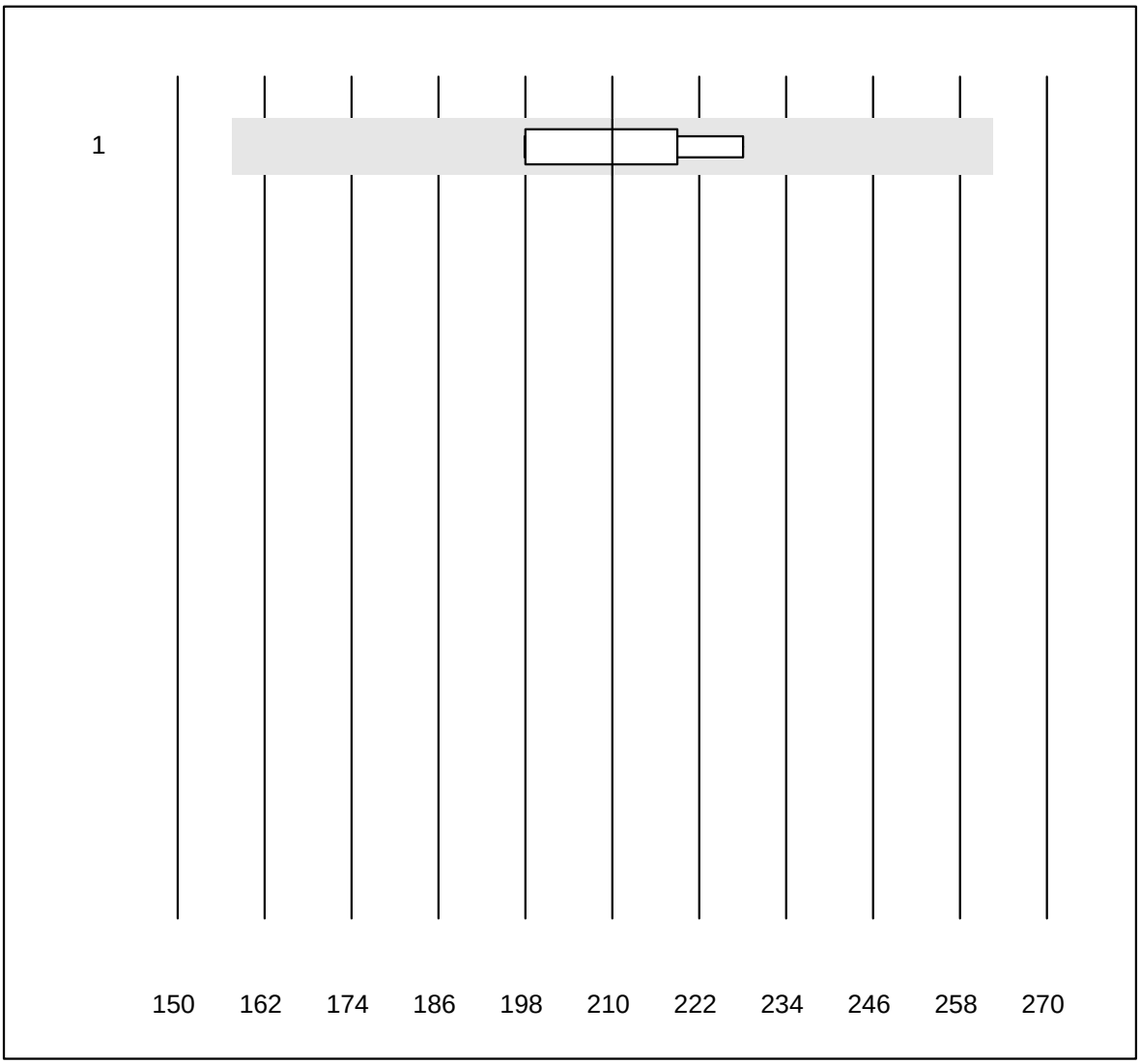


QUALAB Toleranz : 18 %

Ethylalkohol (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	26	100.0	0.0	0.0	35.4	4.9	e

Ammoniak

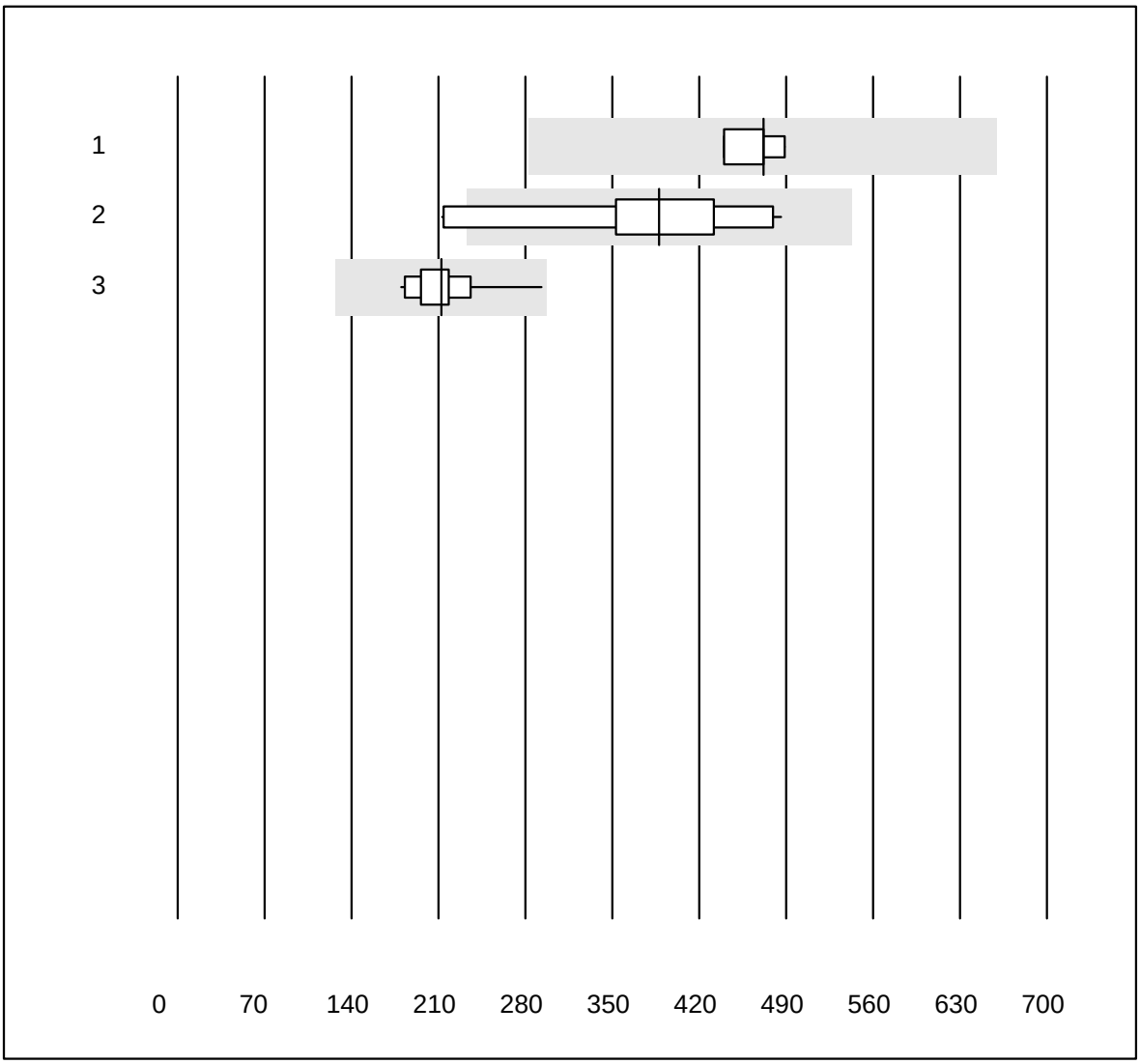


MQ Toleranz : 25 %

Ammoniak (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	5	100.0	0.0	0.0	210.0	6.3	e

Calprotectin

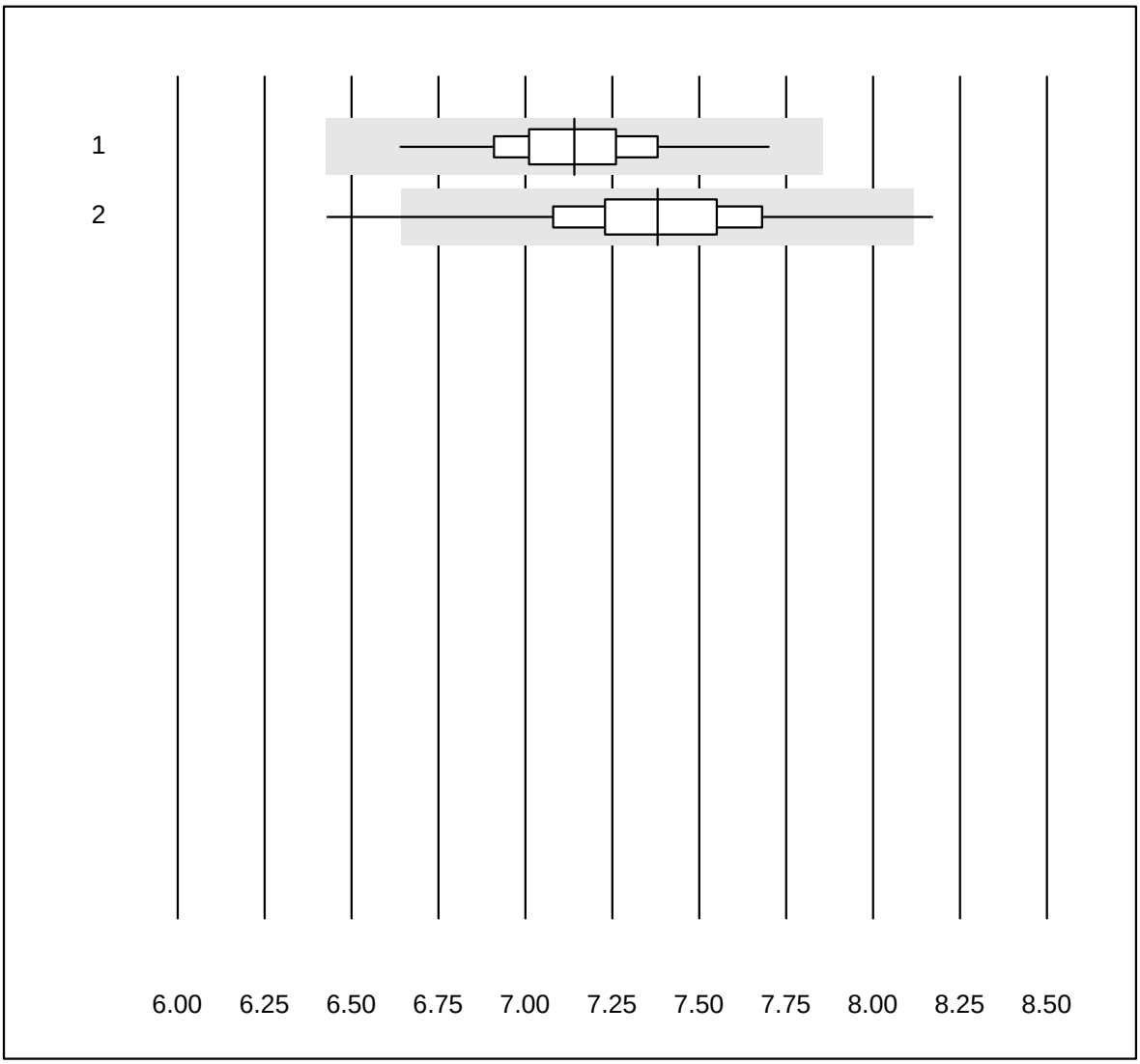


MQ Toleranz : 40 %

Calprotectin (µg/g)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Bühlmann ELISA	5	80.0	0.0	20.0	472	4.3	e
2	Bühlmann fCALturbo	13	76.9	15.4	7.7	388	23.3	e*
3	Liaison	20	100.0	0.0	0.0	212	12.1	e

Cholesterin gesamt Af/b101

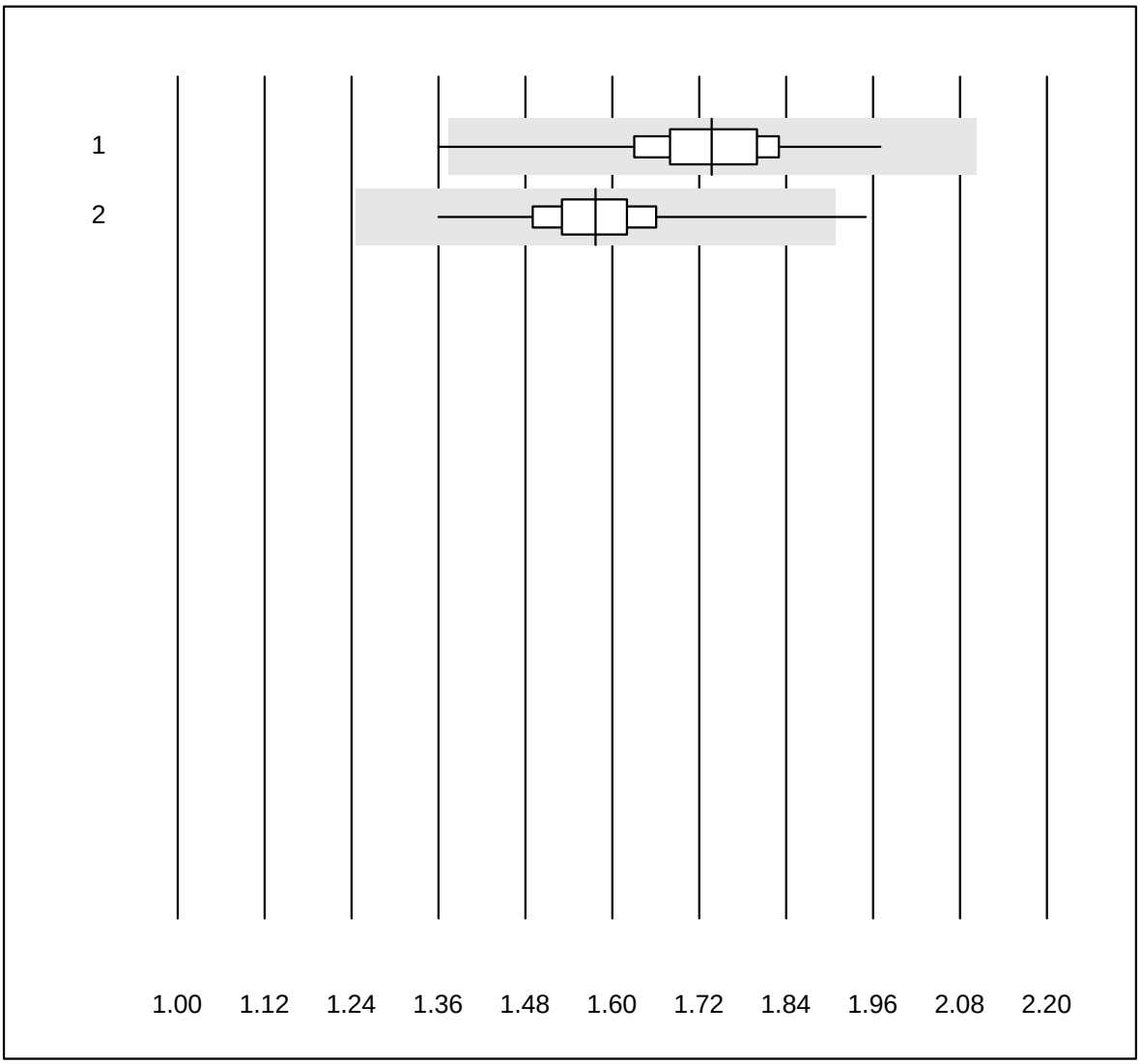


QUALAB Toleranz : 10 %

Cholesterin gesamt Af/b101 (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b101	220	99.5	0.0	0.5	7.14	2.5	e
2	Afinion	434	97.7	0.7	1.6	7.38	3.4	e

Cholesterin HDL Af/b101

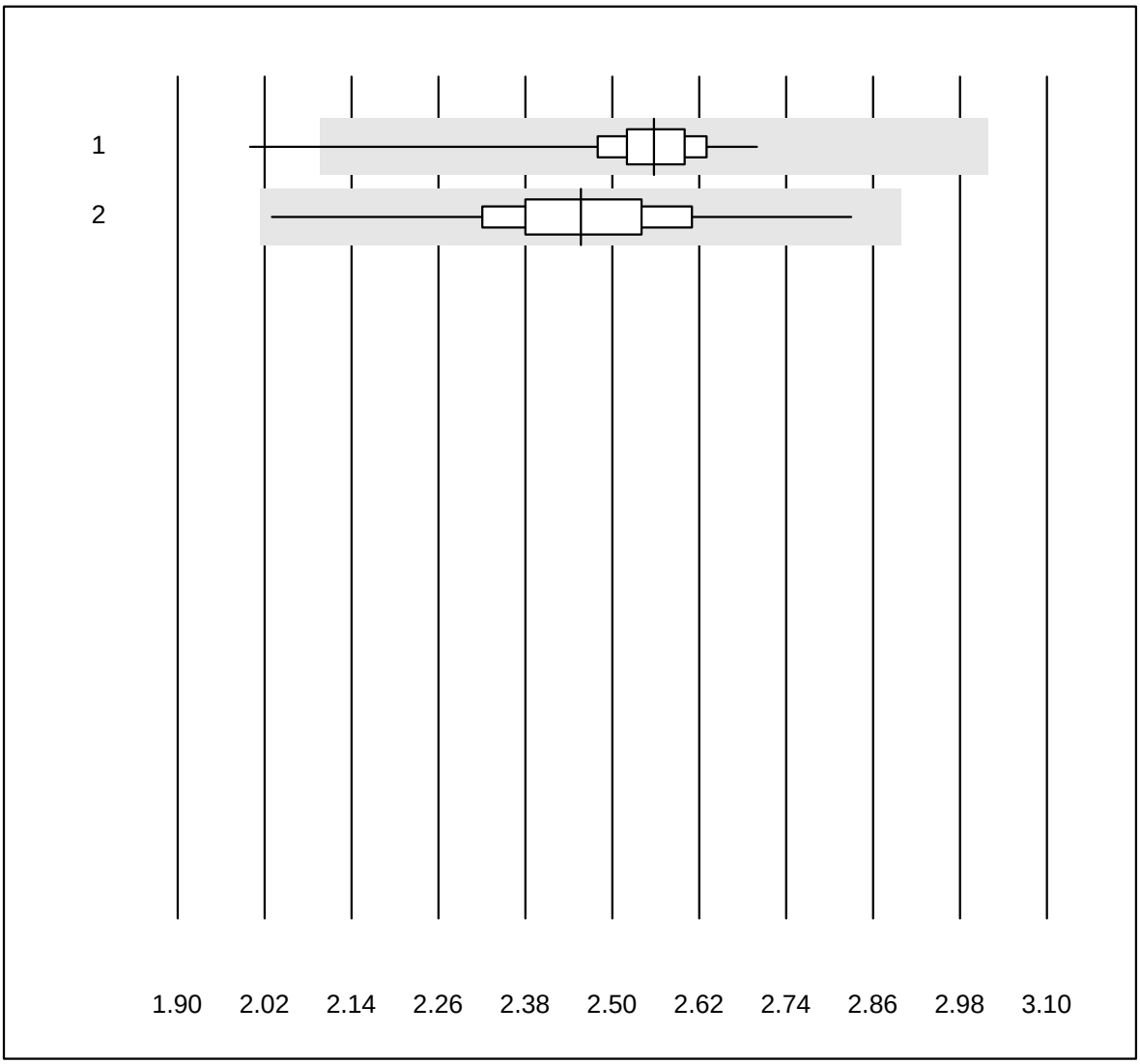


QUALAB Toleranz : 21 %

Cholesterin HDL Af/b101 (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b101	219	91.3	0.5	8.2	1.74	4.8	e
2	Afinion	429	92.6	0.2	7.2	1.58	4.8	e

Triglyceride Af/b101

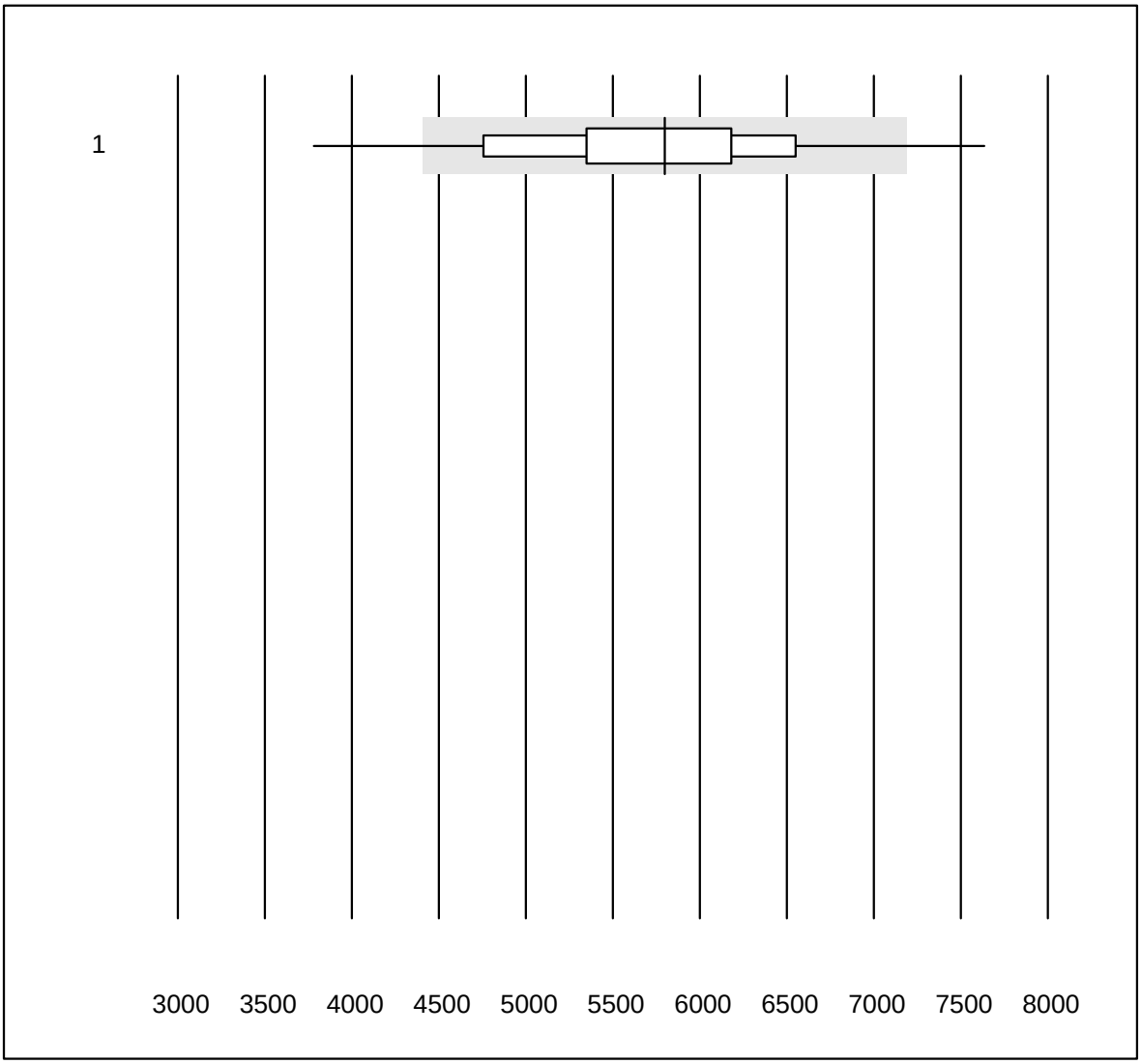


QUALAB Toleranz : 18 %

Triglyceride Af/b101 (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b101	218	99.0	0.5	0.5	2.56	2.6	e
2	Afinion	435	99.3	0.0	0.7	2.46	4.8	e

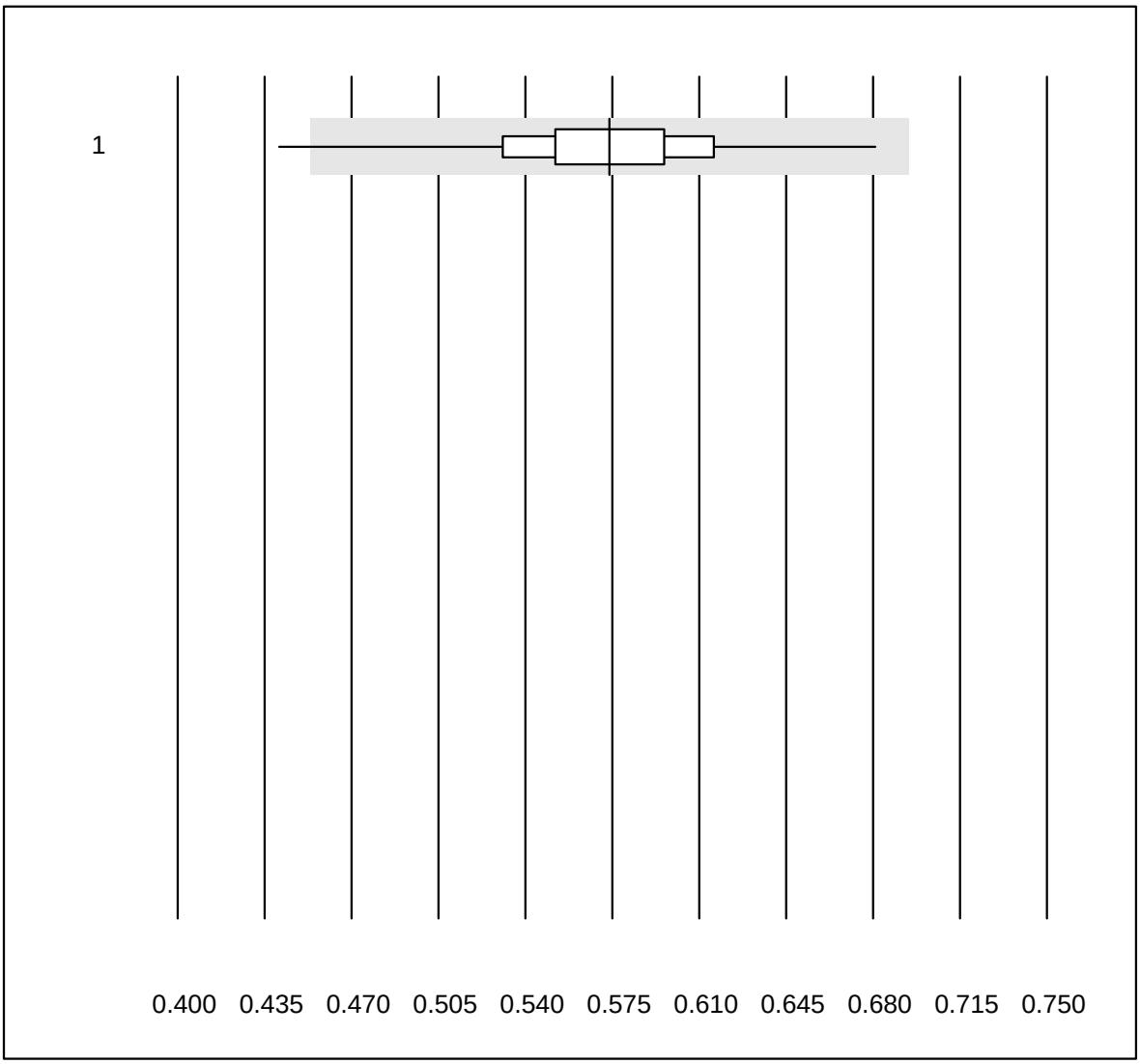
Troponin I S



QUALAB Toleranz : 24 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AFIAS	182	84.1	8.8	7.1	5799.00	12.7	e

D-Dimere qn S

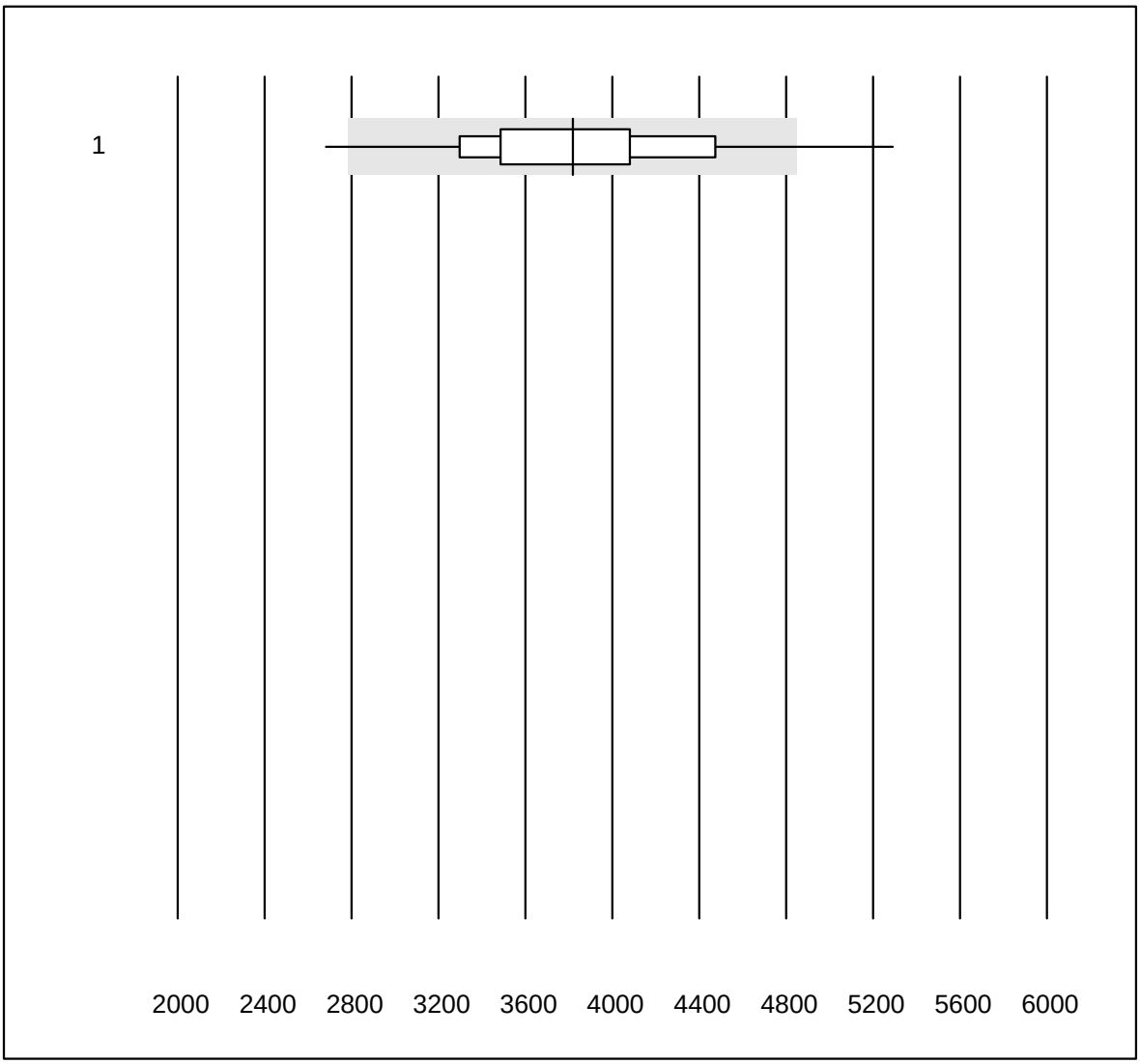


QUALAB Toleranz : 21 %

D-Dimere qn S (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AFIAS	188	86.7	0.5	12.8	0.57	6.6	e

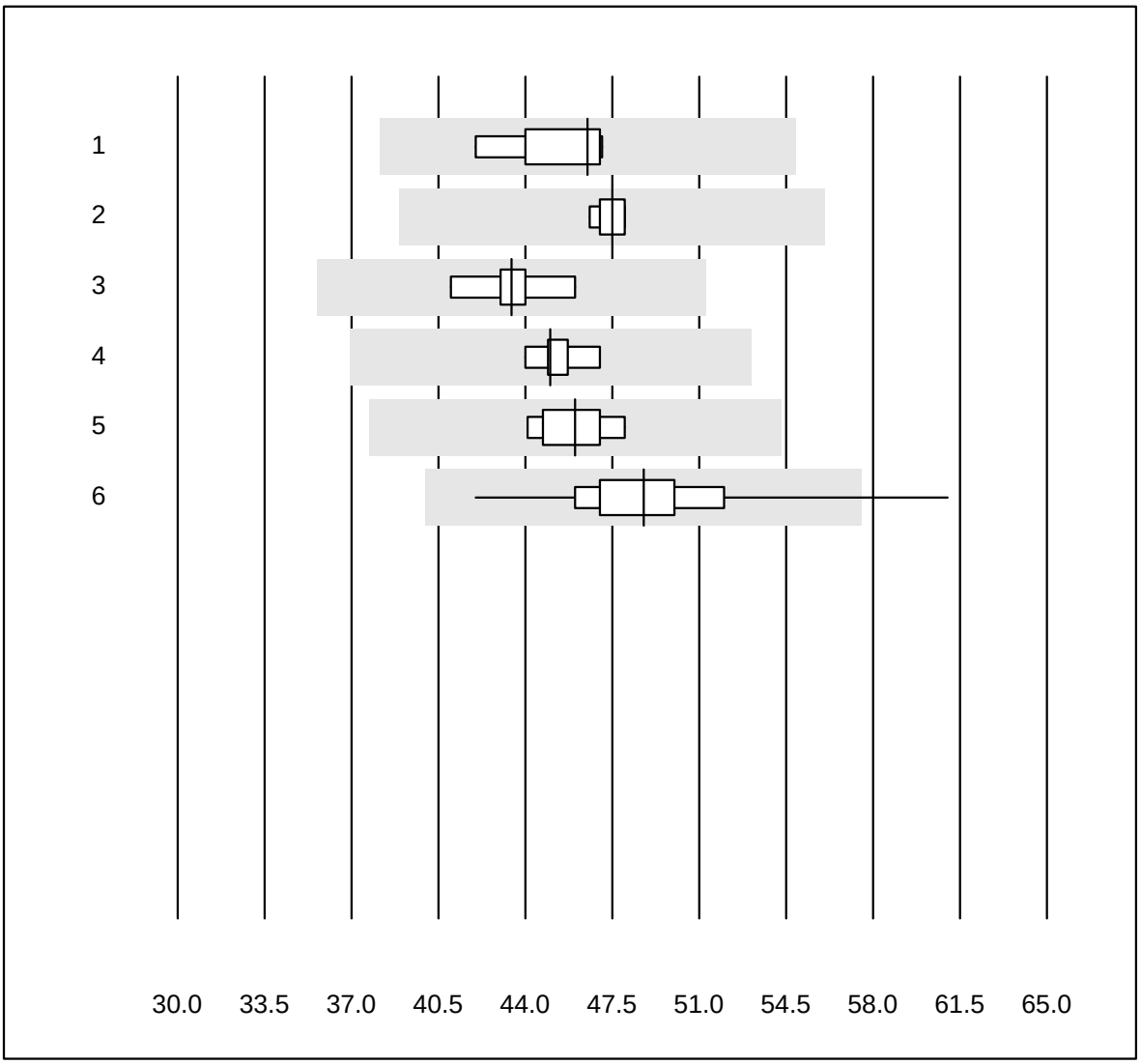
NT-proBNP S



QUALAB Toleranz : 27 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AFIAS	141	91.5	3.5	5.0	3818.5	12.5	e

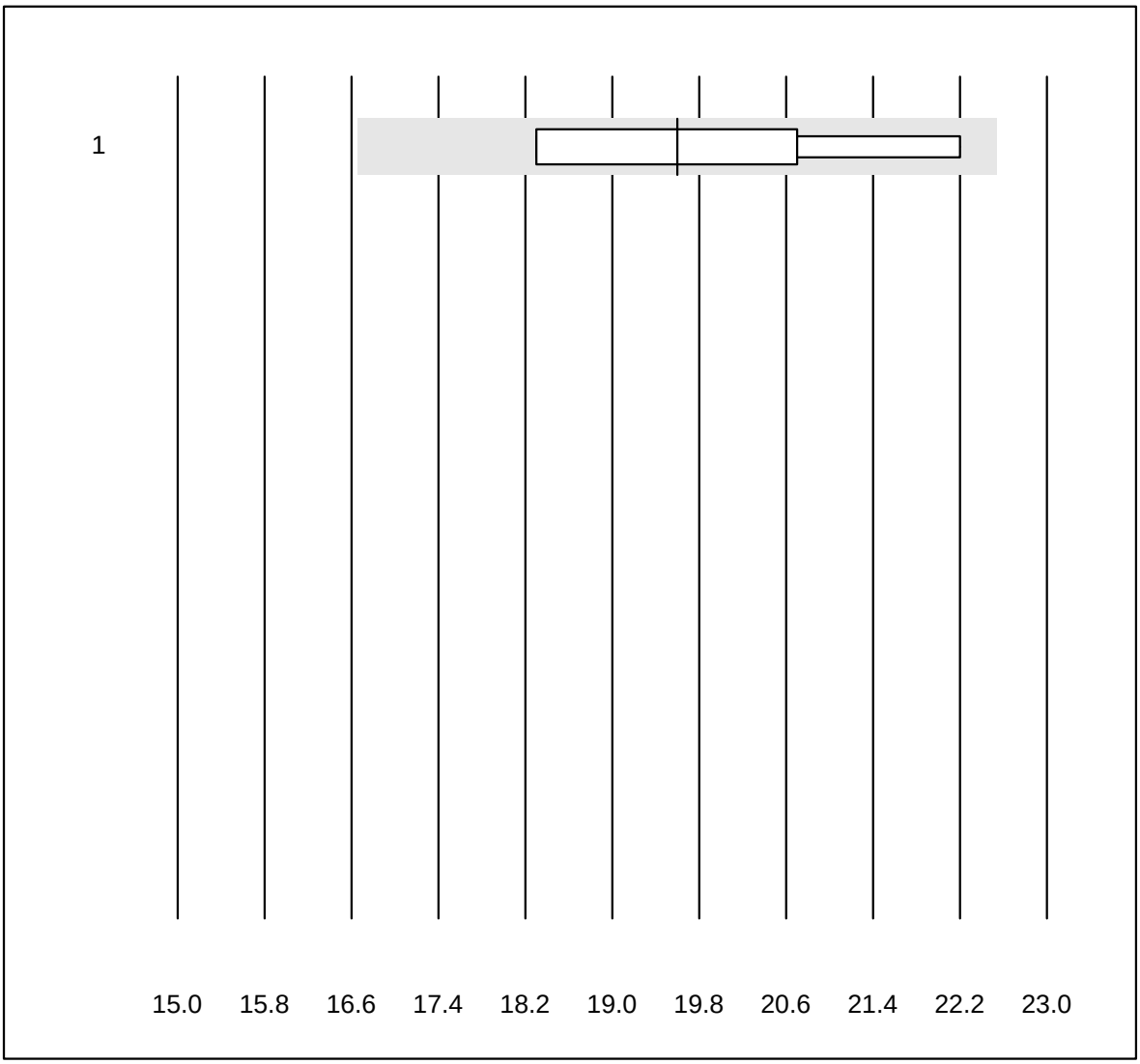
Lipase



QUALAB Toleranz : 18 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche	5	100.0	0.0	0.0	46.5	5.0	e*
2	Alinity	6	100.0	0.0	0.0	47.5	1.3	e
3	Architect	6	100.0	0.0	0.0	43.5	3.8	e
4	Beckman	6	100.0	0.0	0.0	45.0	2.2	e
5	Cobas	6	100.0	0.0	0.0	46.0	3.2	e
6	Fuji Dri-Chem	165	97.6	1.2	1.2	48.8	5.5	e

Bicarbonat

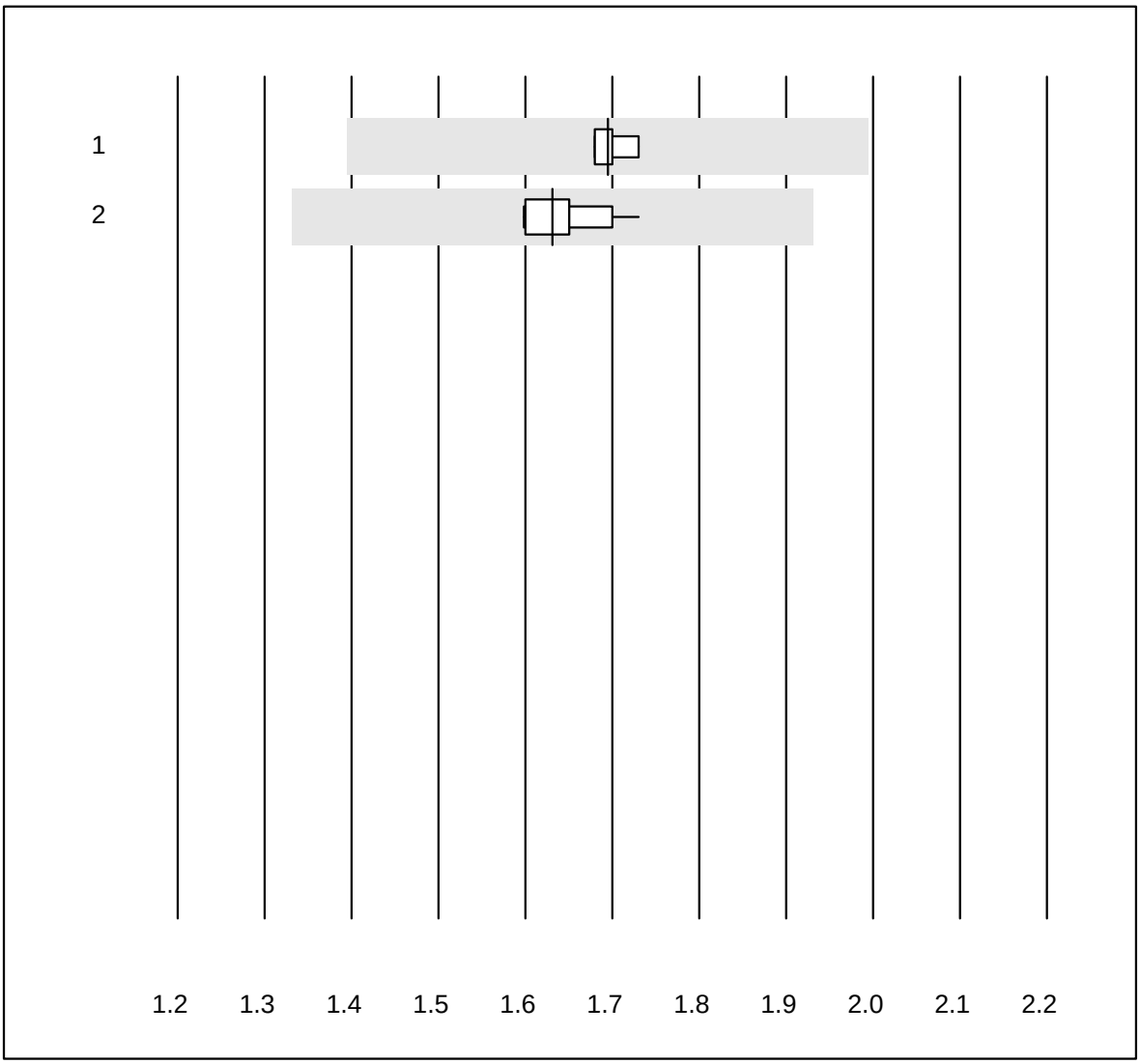


MQ Toleranz : 15 %

Bicarbonat (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	andere Methoden	4	100.0	0.0	0.0	19.6	9.4	e*

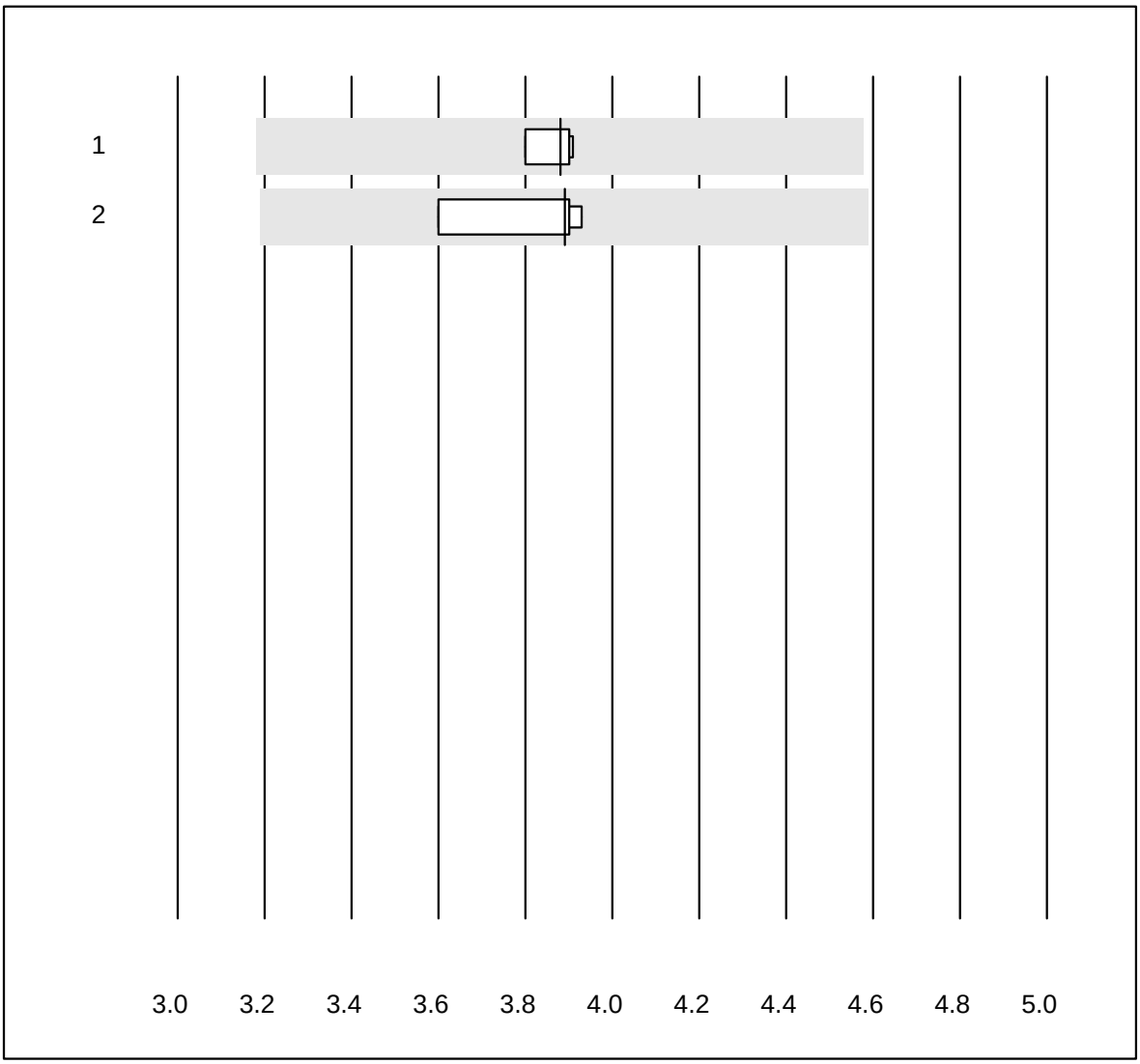
Glucose CSF



QUALAB Toleranz : 9 %
(< 3.30: +/- 0.30 mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	4	100.0	0.0	0.0	1.70	1.3	e
2	andere Methoden	10	100.0	0.0	0.0	1.63	2.9	e

Lactat CSF

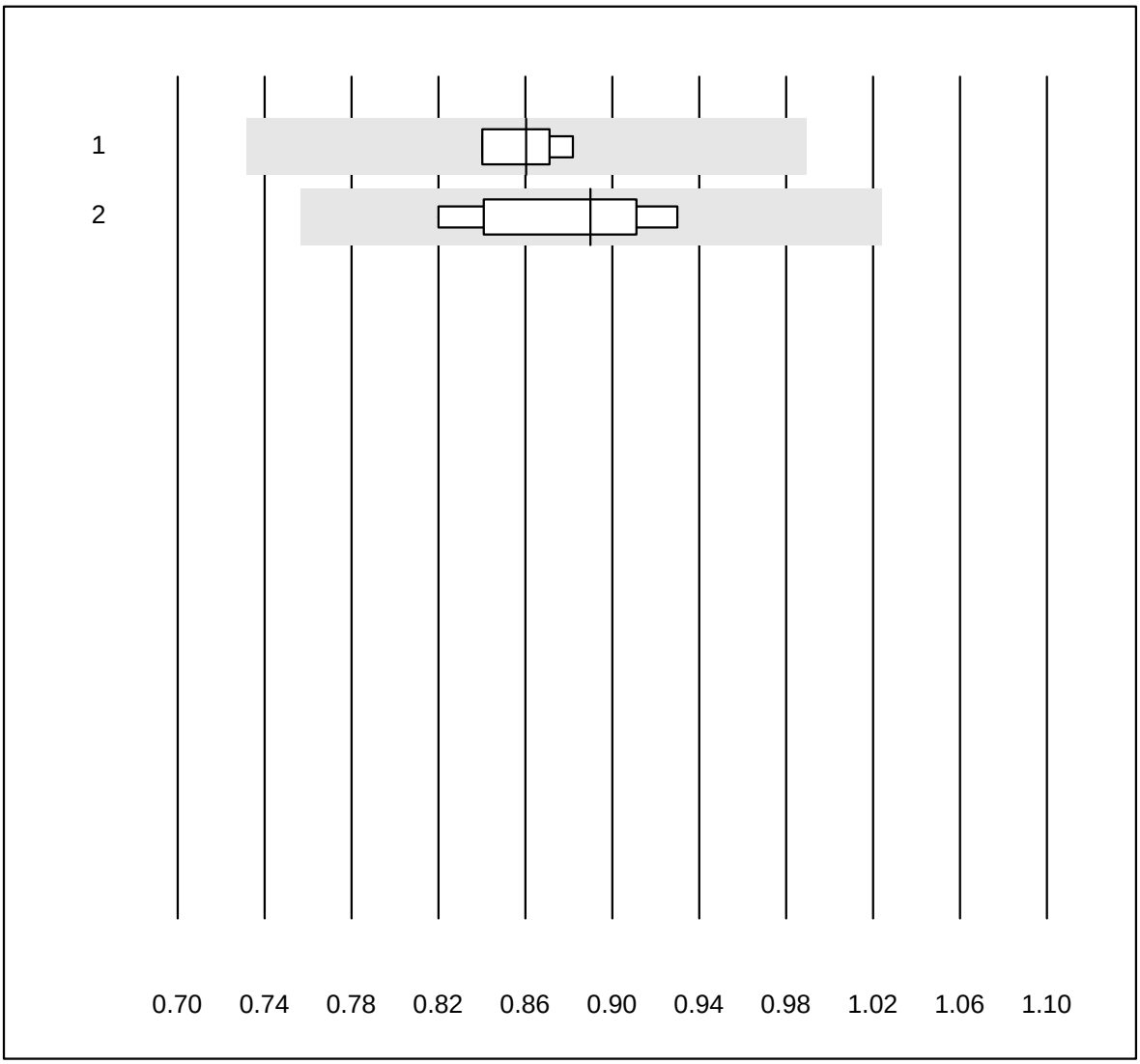


QUALAB Toleranz : 18 %

Lactat CSF (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	4	100.0	0.0	0.0	3.88	1.3	e
2	andere Methoden	8	100.0	0.0	0.0	3.89	3.6	e

Protein CSF

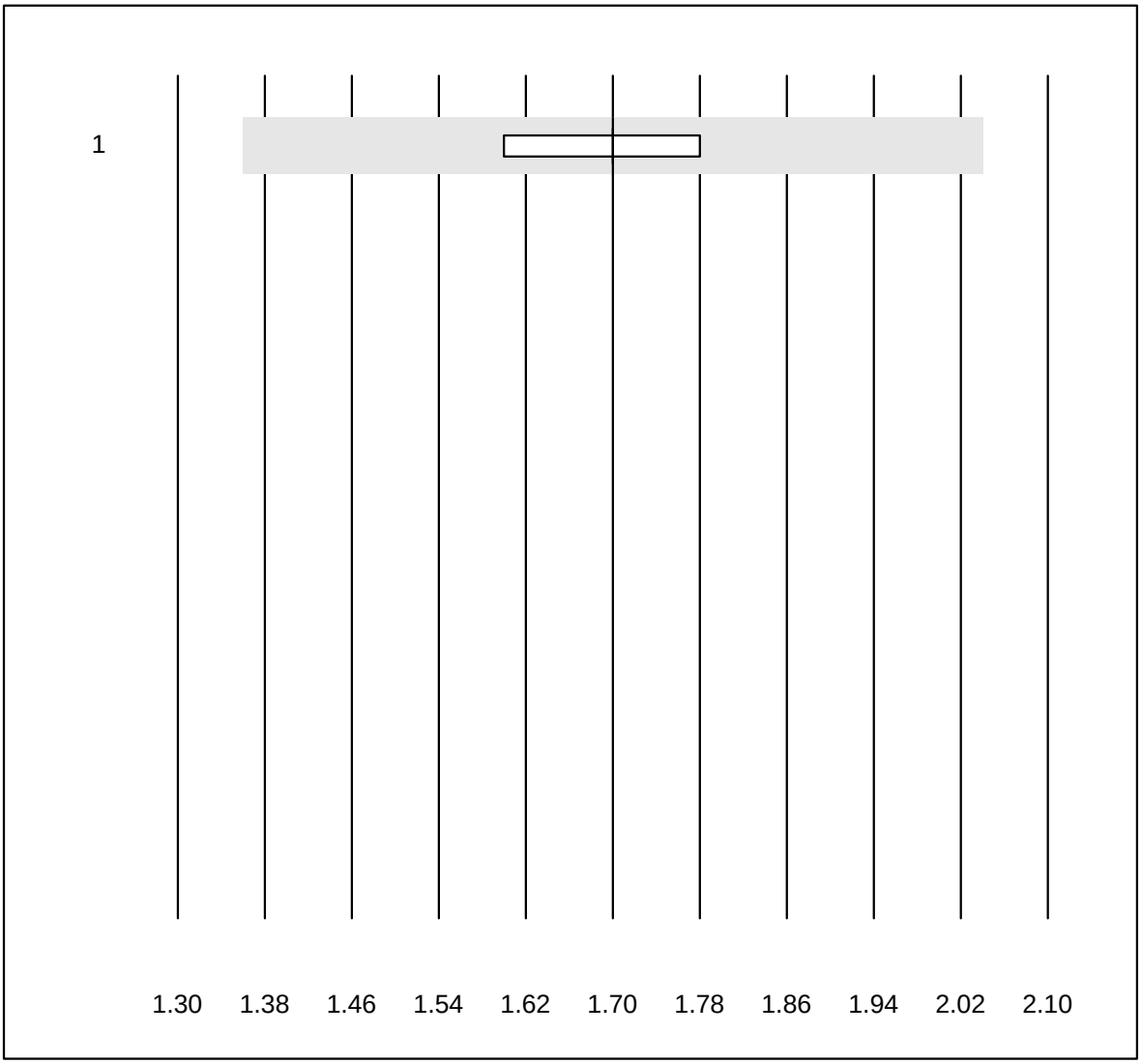


QUALAB Toleranz : 15 %

Protein CSF (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	4	100.0	0.0	0.0	0.86	2.2	e
2	andere Methoden	7	100.0	0.0	0.0	0.89	4.4	e

CDT

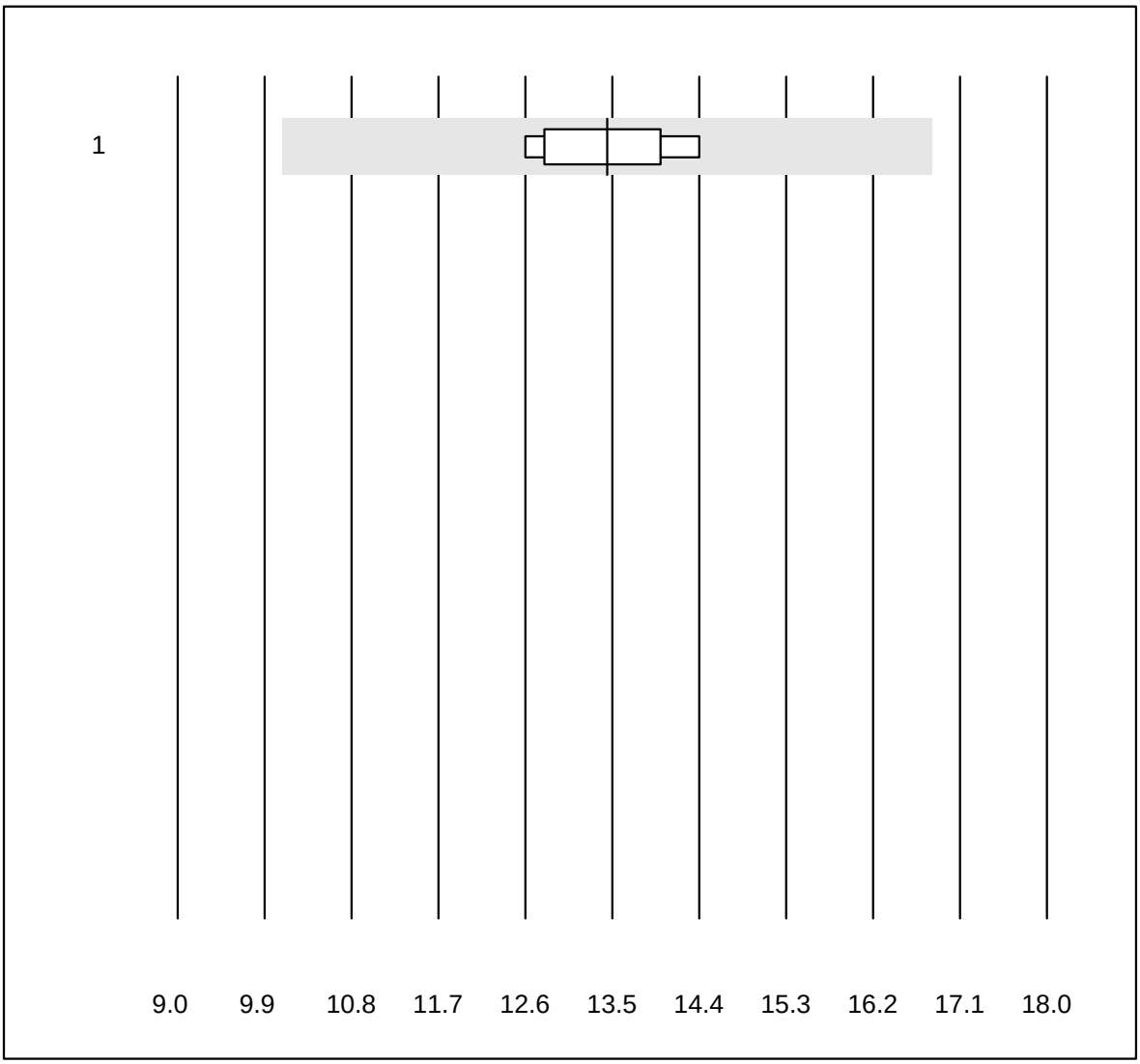


MQ Toleranz : 20 %

CDT (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	5	100.0	0.0	0.0	1.70	3.8	e

Tacrolimus

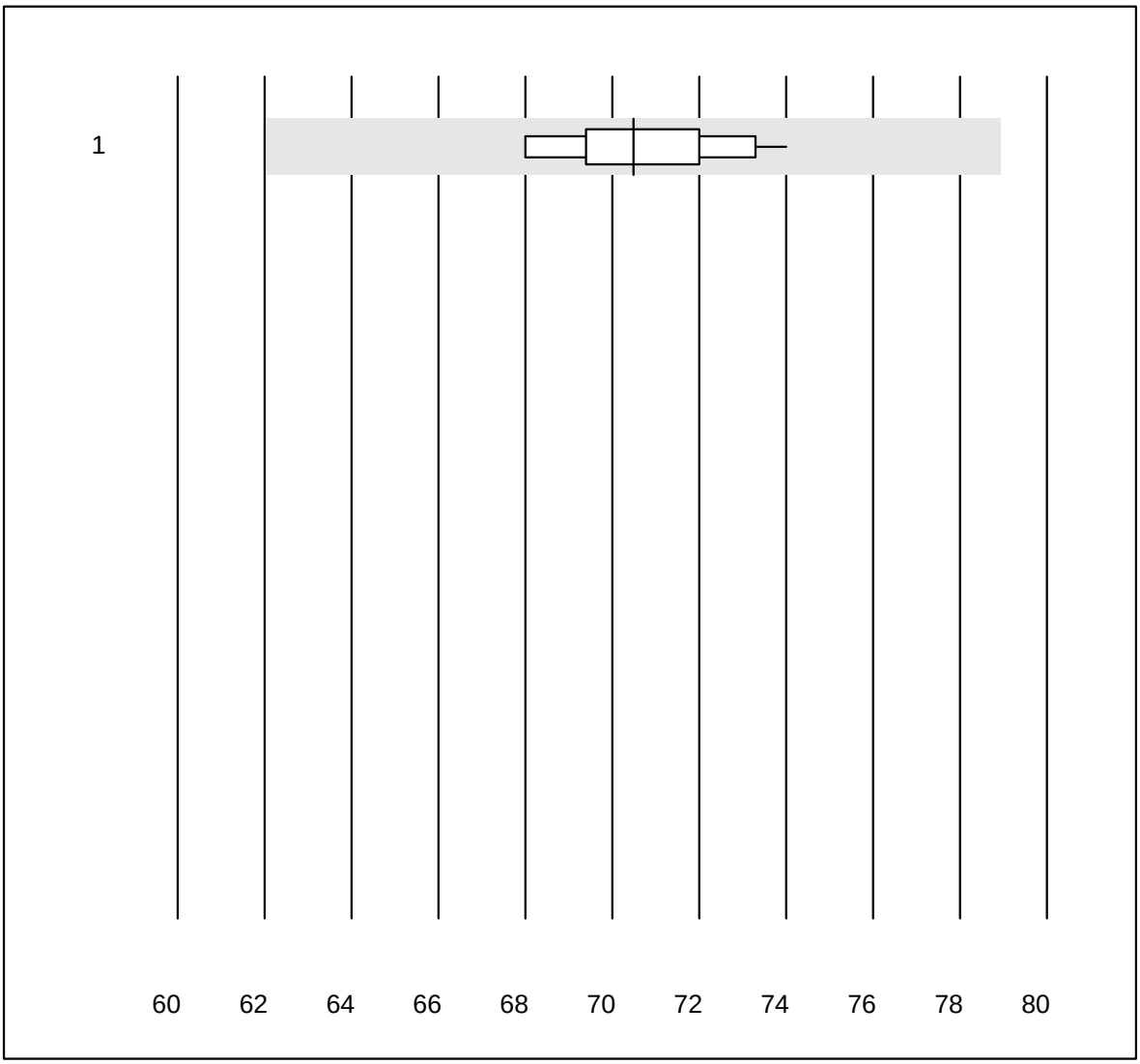


MQ Toleranz : 25 %

Tacrolimus (µg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	8	100.0	0.0	0.0	13.4	4.9	e

Totalprotein E

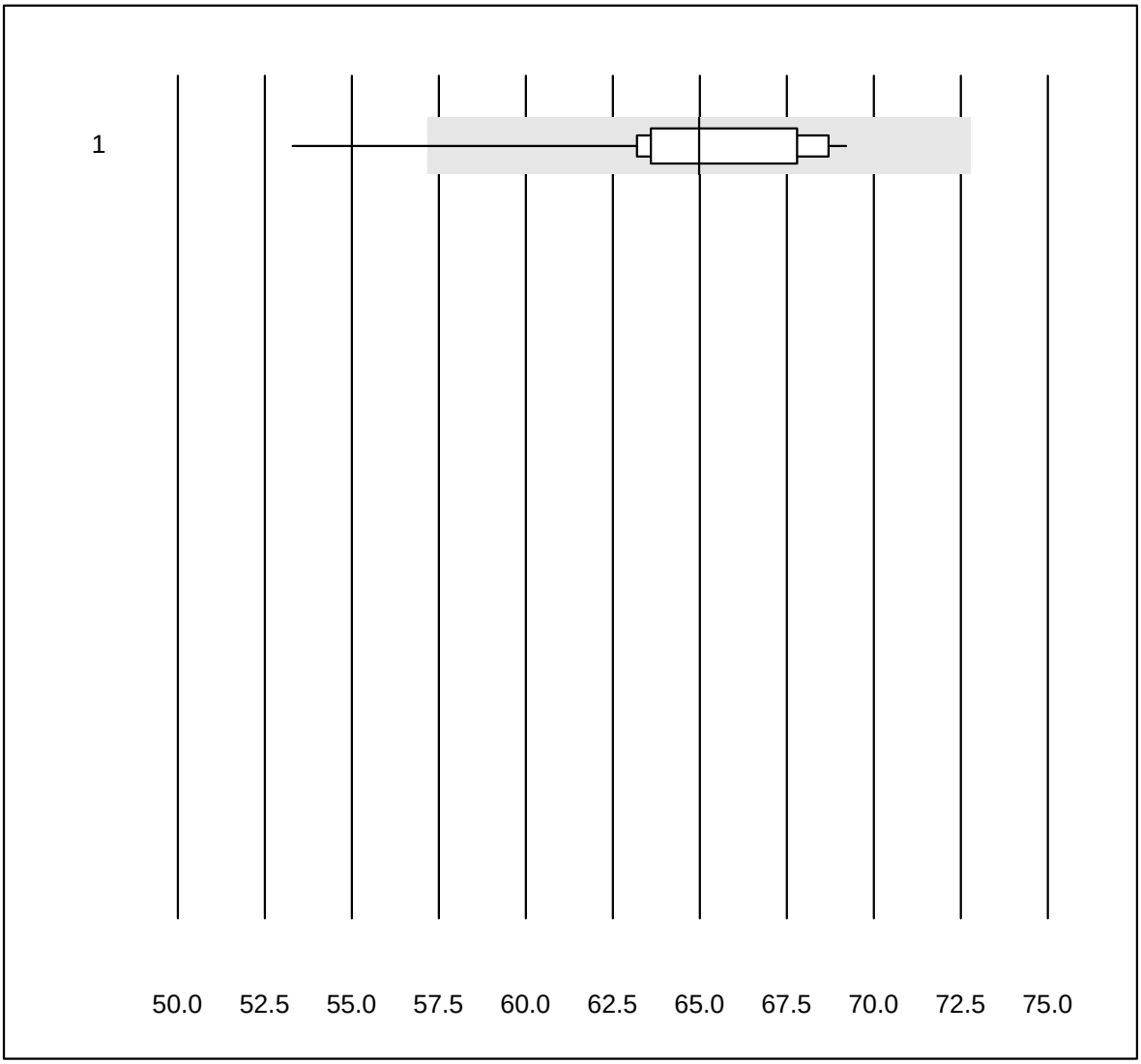


MQ Toleranz : 12 %

Totalprotein E (g/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	15	100.0	0.0	0.0	70.5	2.6	e

Albumin E

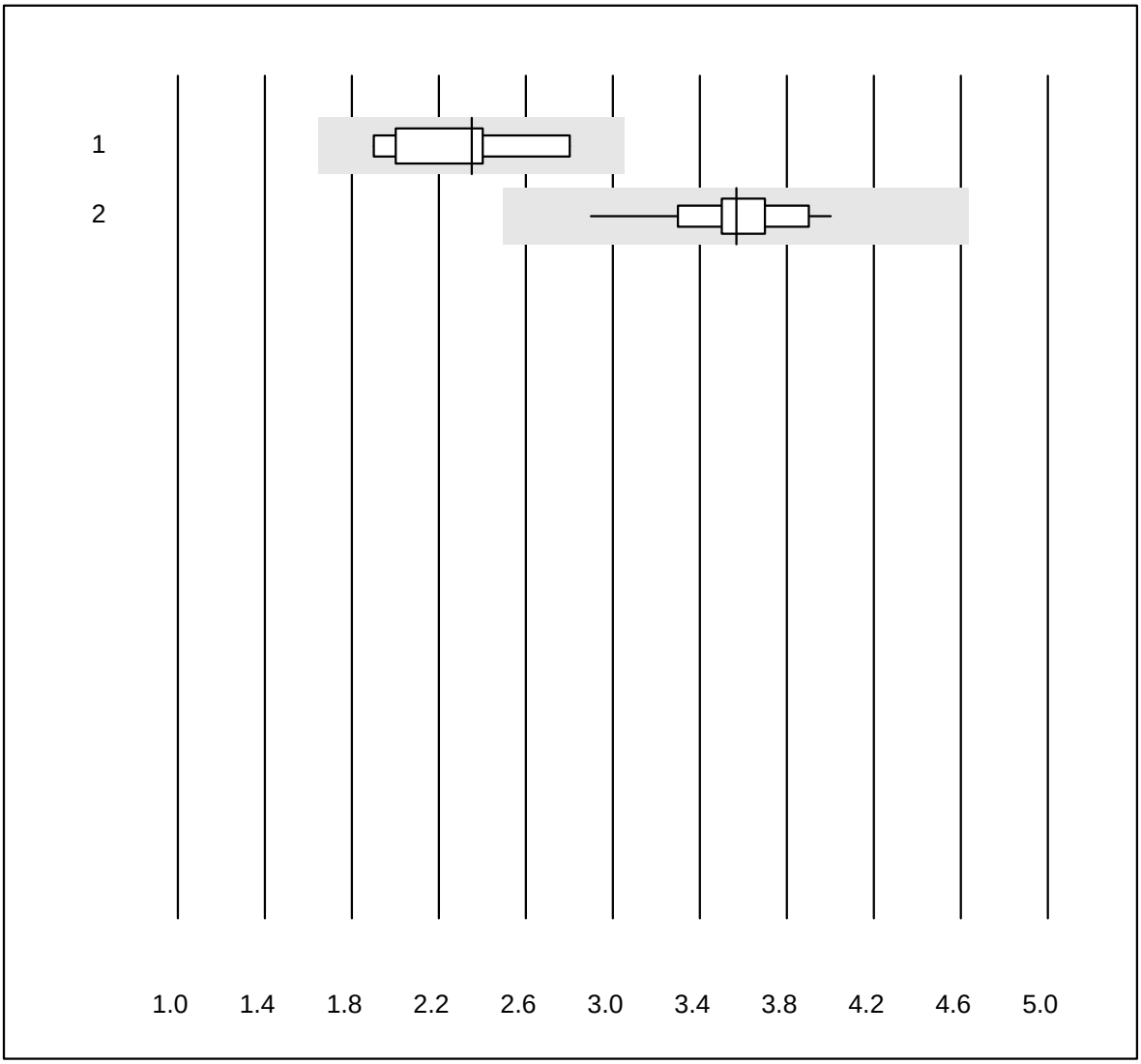


MQ Toleranz : 12 %

Albumin E (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Elektrophorese	22	91.0	4.5	4.5	65.0	5.4	e

alpha-1-Globuline

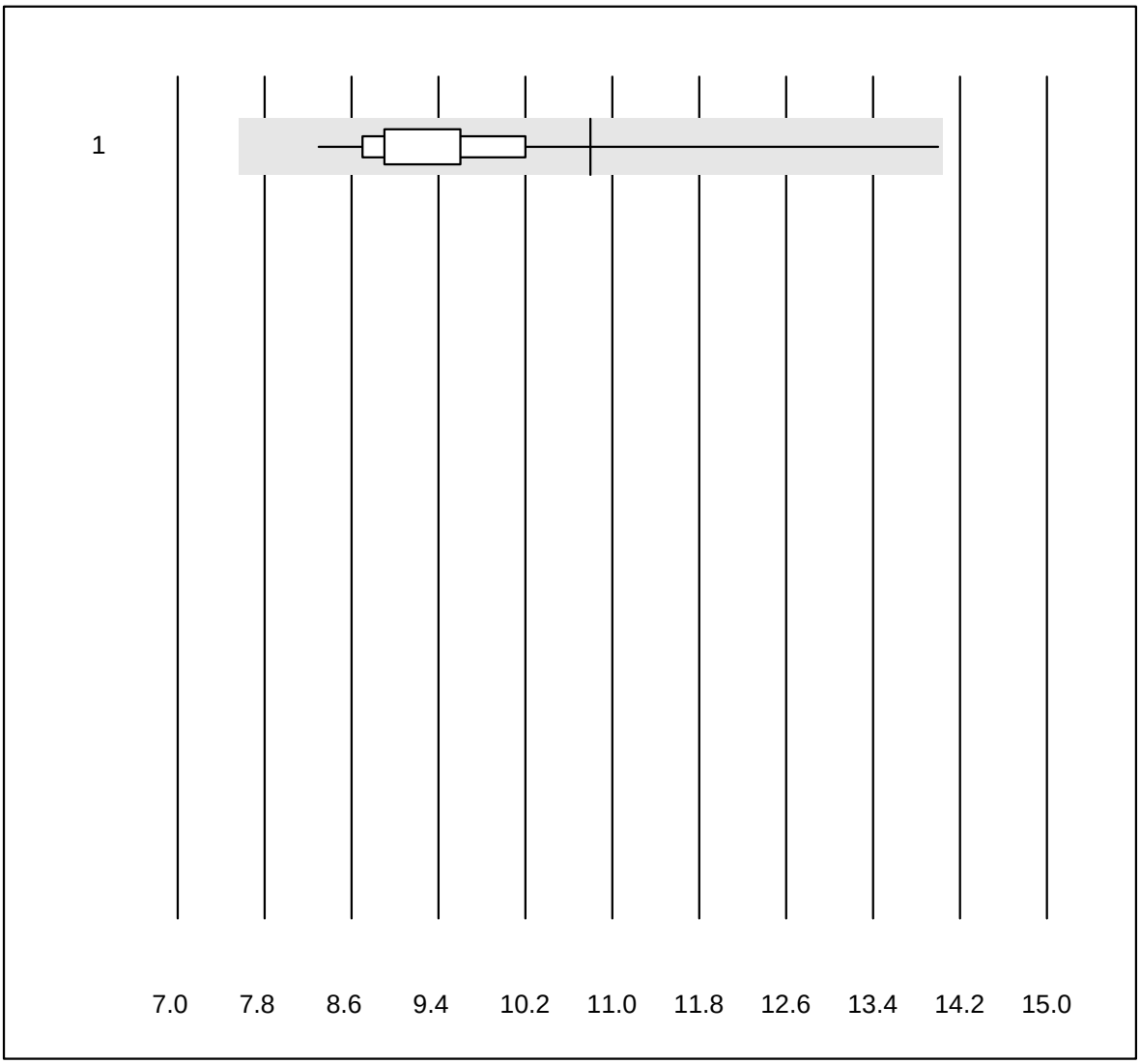


MQ Toleranz : 30 %

alpha-1-Globuline (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Elektrophorese	9	100.0	0.0	0.0	2.4	13.1	a
2	Kapillar-Elektrophor	12	100.0	0.0	0.0	3.6	8.0	e

alpha-2-Globuline

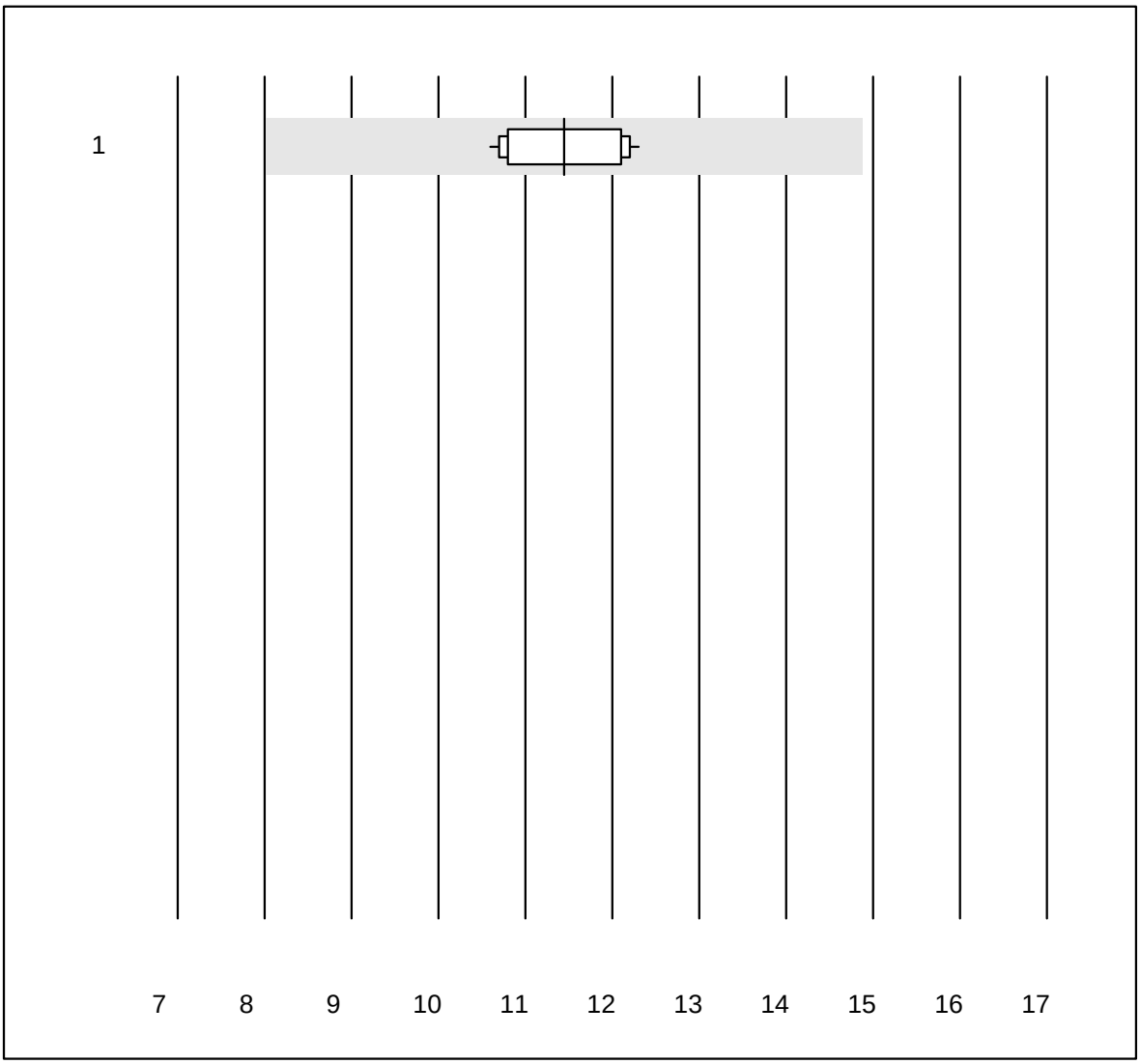


MQ Toleranz : 30 %

alpha-2-Globuline (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Elektrophorese	21	100.0	0.0	0.0	10.8	14.1	a

beta-Globuline

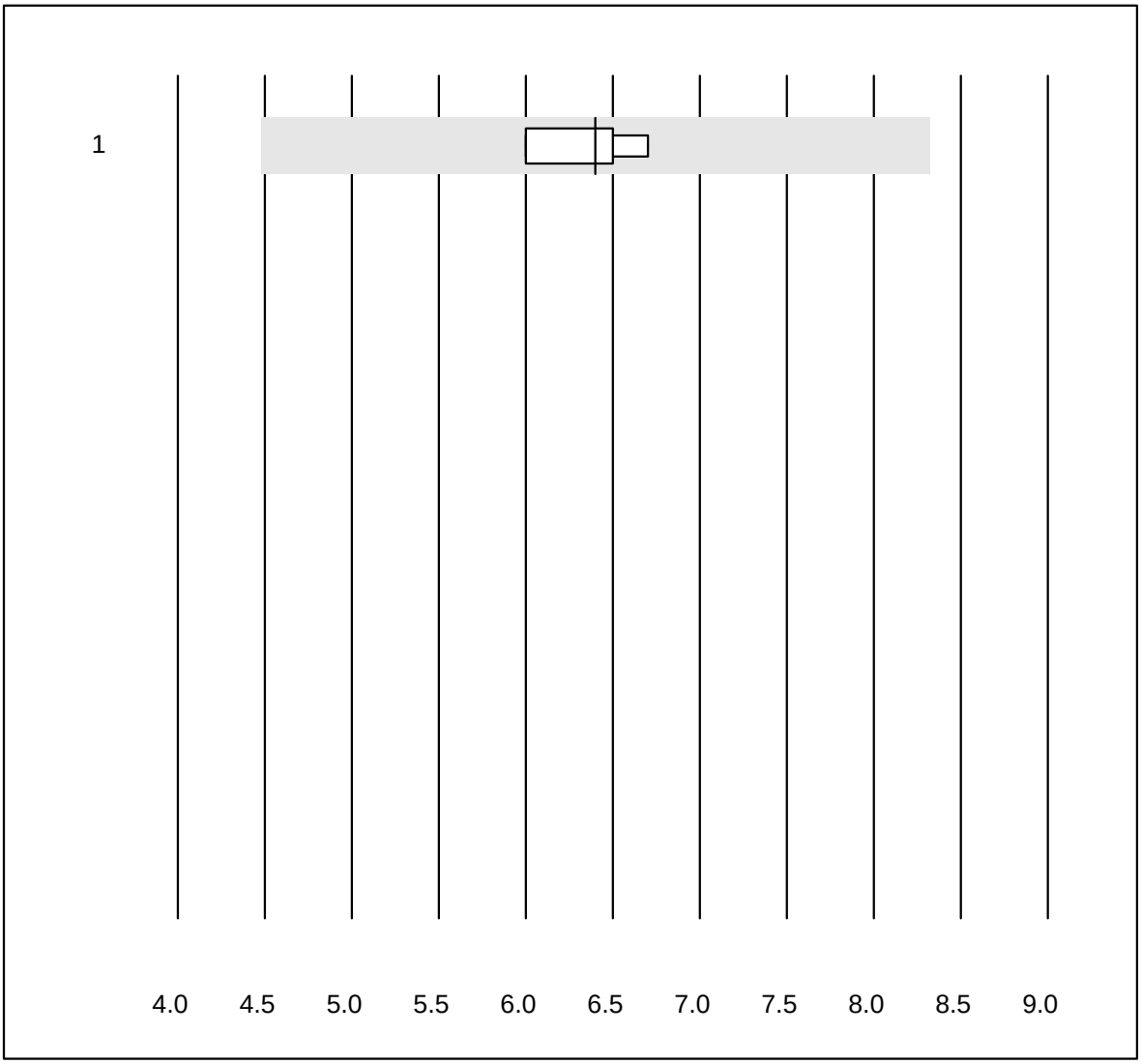


MQ Toleranz : 30 %

beta-Globuline (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Elektrophorese	16	93.7	0.0	6.3	11.4	5.3	e

Beta-1-Globulin

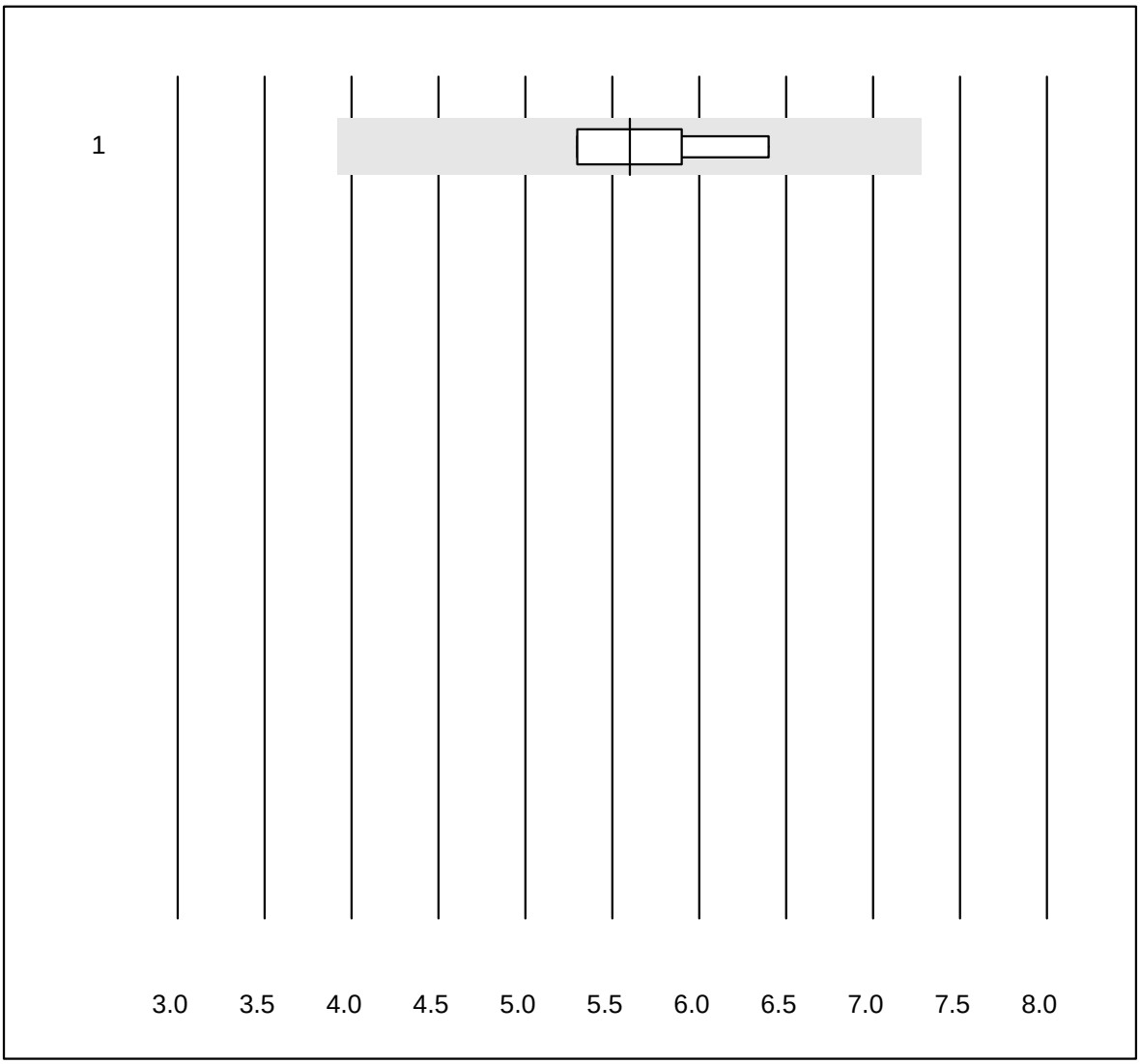


MQ Toleranz : 30 %

Beta-1-Globulin (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Elektrophorese	8	100.0	0.0	0.0	6.4	4.2	e

Beta-2-Globulin

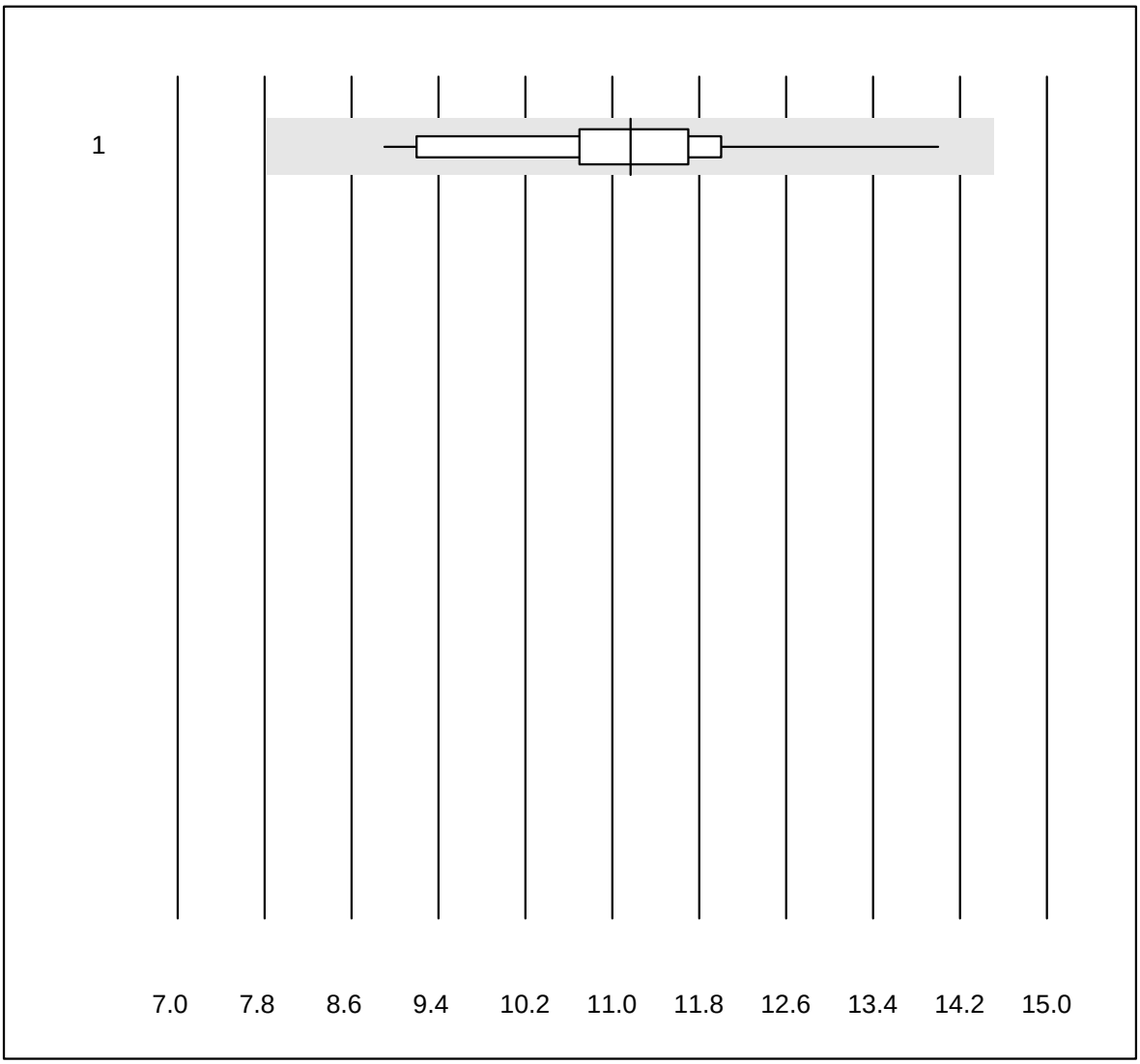


MQ Toleranz : 30 %

Beta-2-Globulin (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Elektrophorese	9	88.9	0.0	11.1	5.6	6.7	e

gamma-Globuline

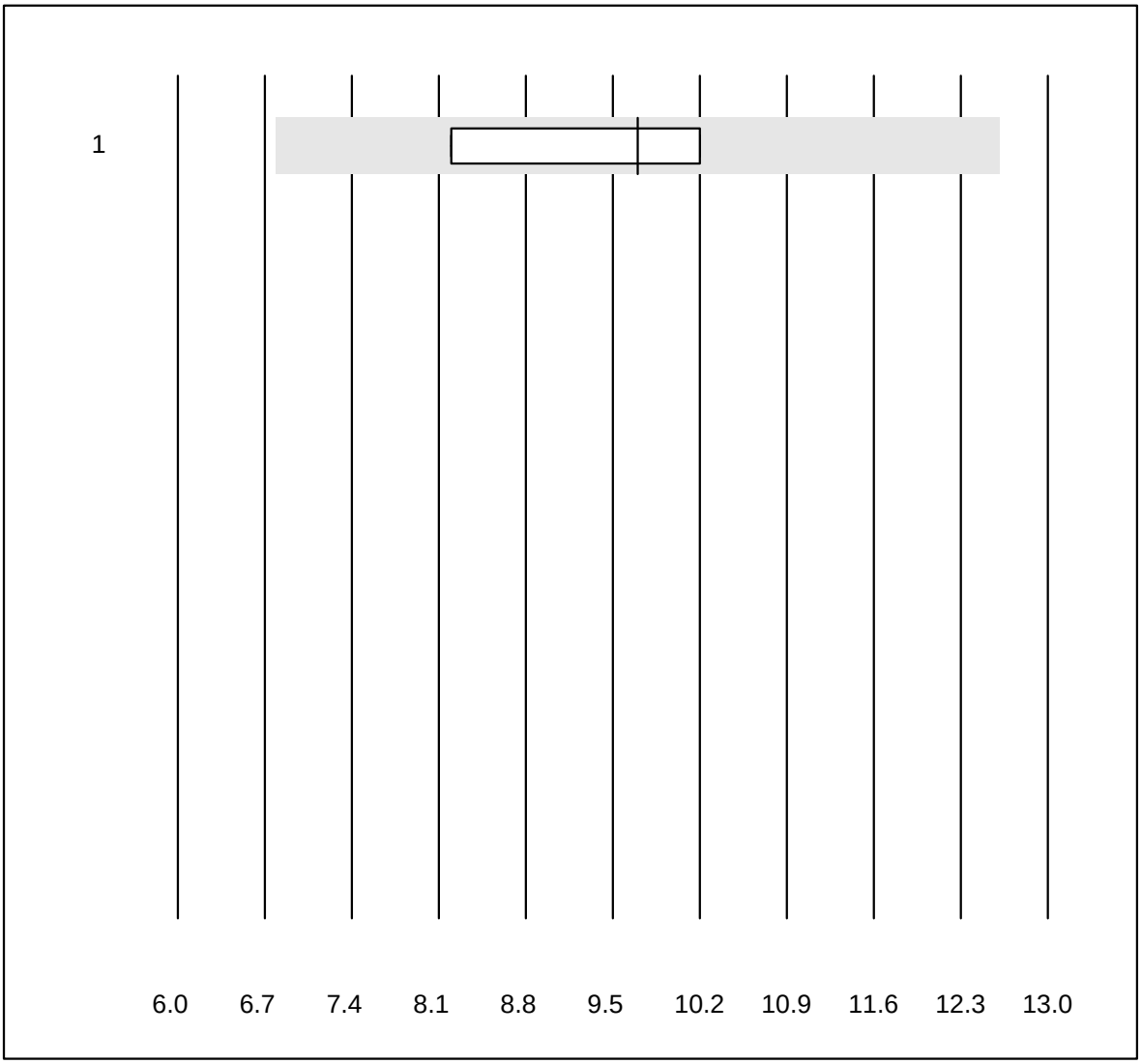


MQ Toleranz : 30 %

gamma-Globuline (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Elektrophorese	18	100.0	0.0	0.0	11.2	10.9	e

Gamma-Globuline+P

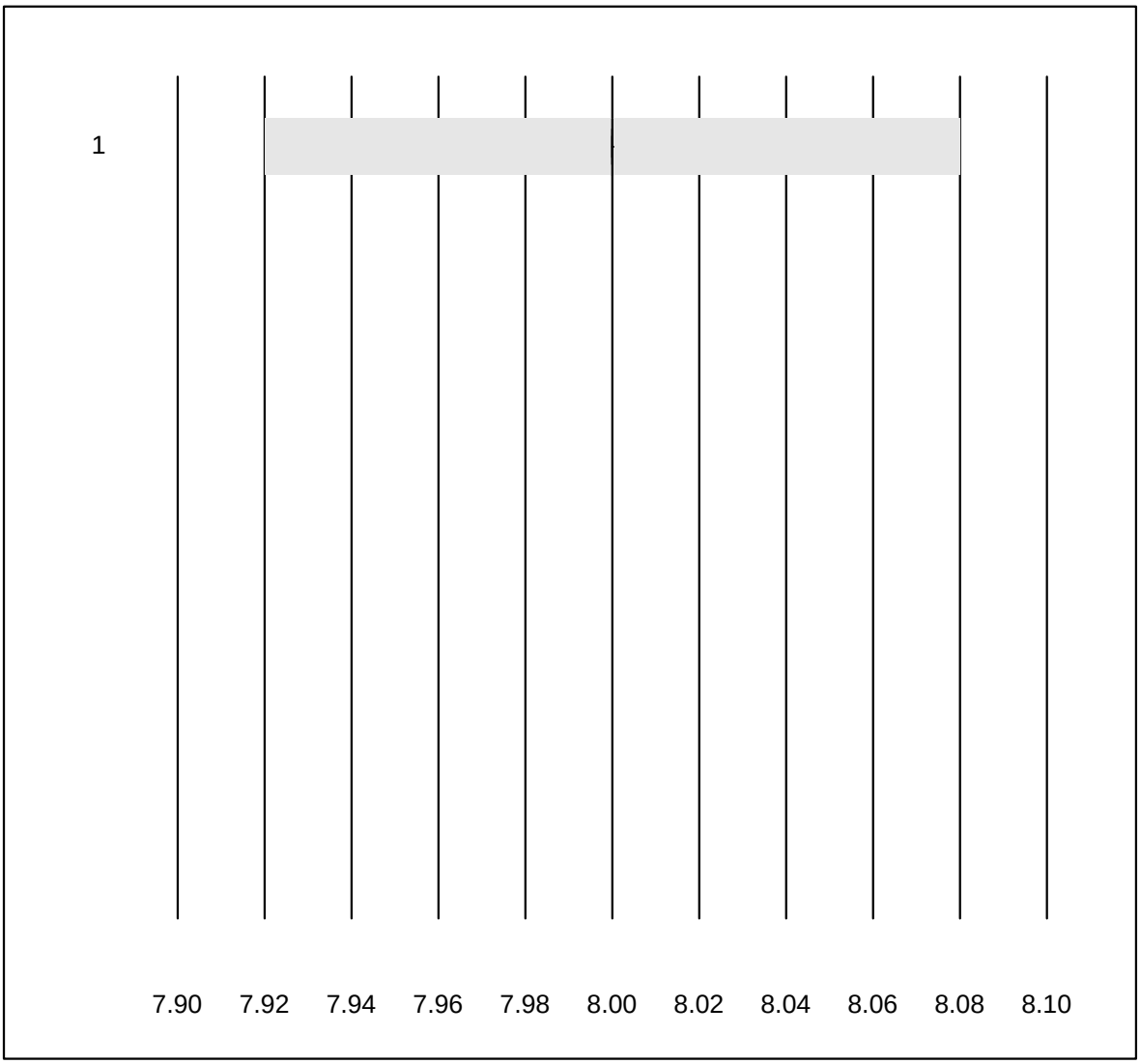


MQ Toleranz : 30 %

Gamma-Globuline+P (%)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Elektrophorese	4	100.0	0.0	0.0	9.7	10.1	e*

Immunfixation

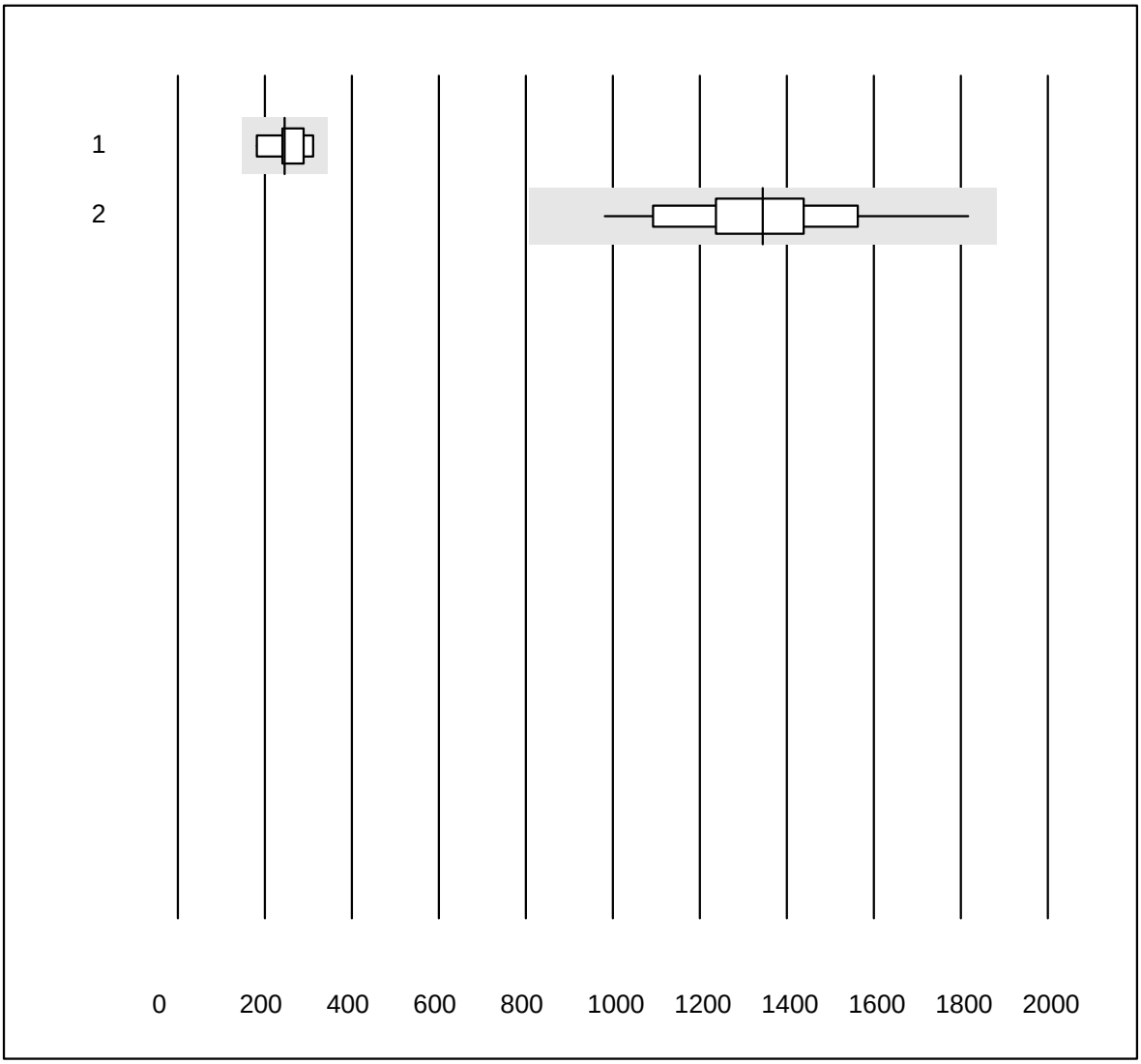


QUALAB Toleranz : 1 %

Immunfixation (Code)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Interpretation	17	100.0	0.0	0.0	8	0.0	e

Folat im Ec

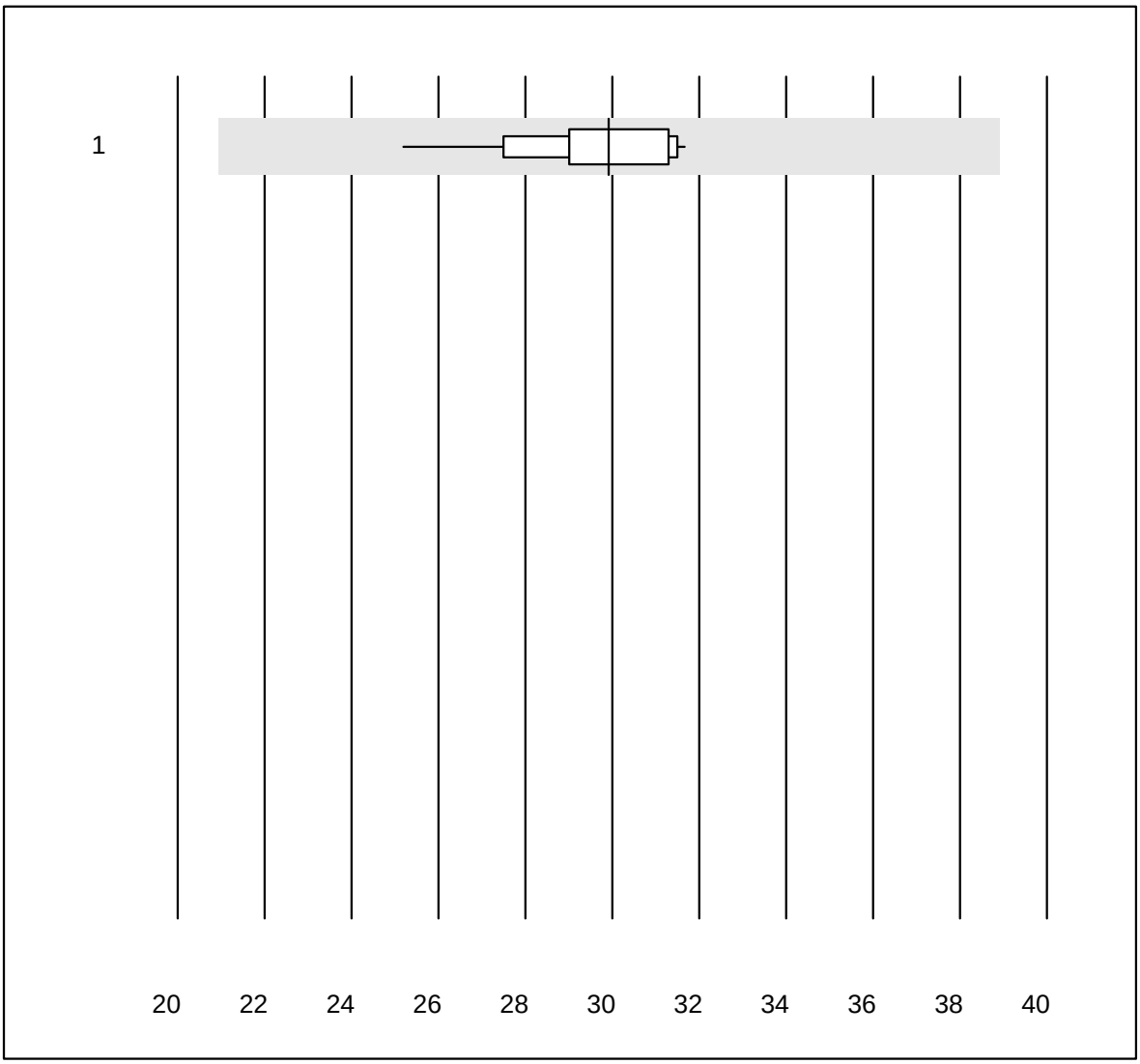


MQ Toleranz : 40 %

Folat im Ec (nmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	7	100.0	0.0	0.0	246	16.1	a
2	Cobas	11	100.0	0.0	0.0	1344	16.8	e*

Gallensäure

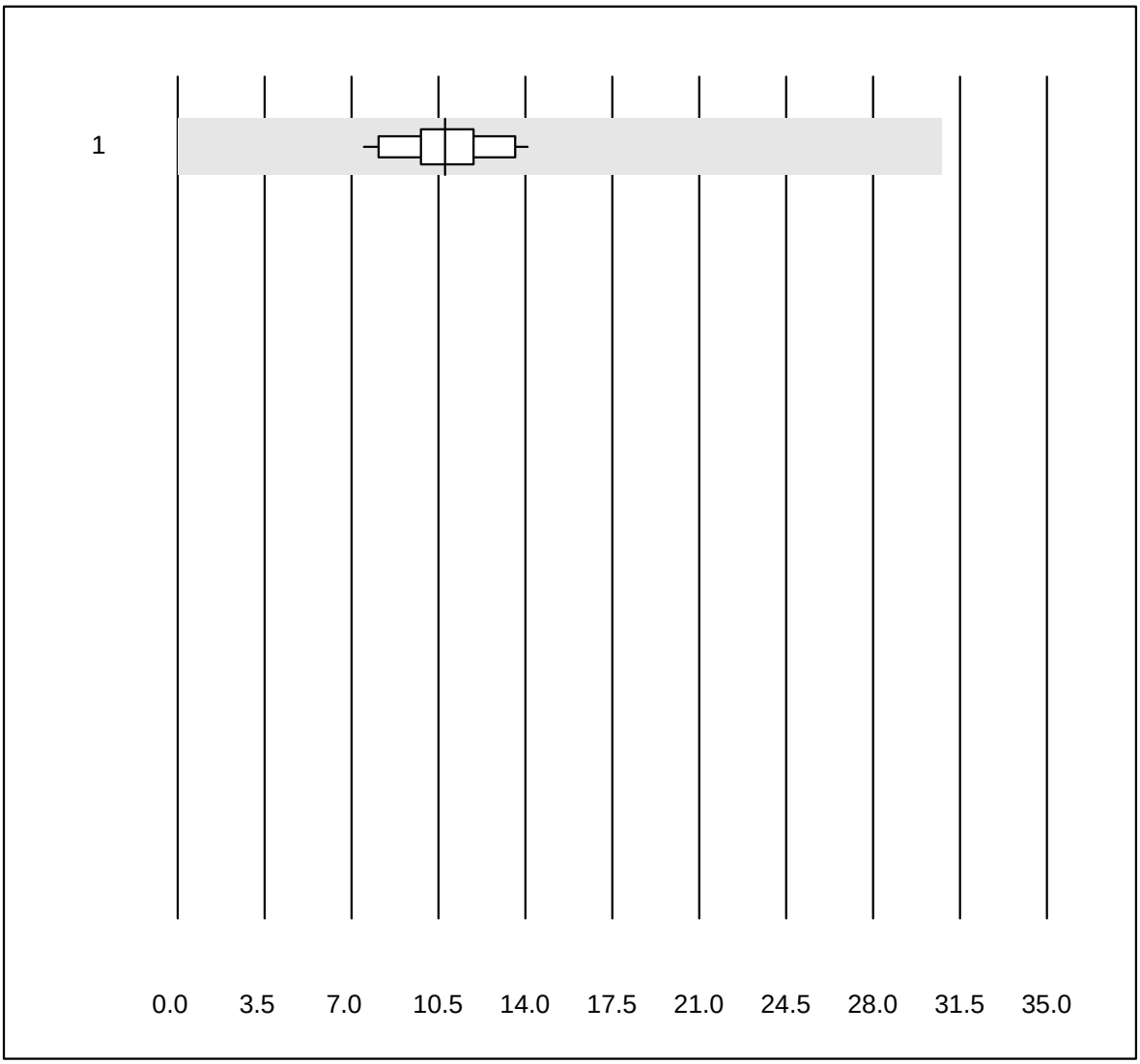


MQ Toleranz : 30 %

Gallensäure (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	17	100.0	0.0	0.0	29.9	6.0	e

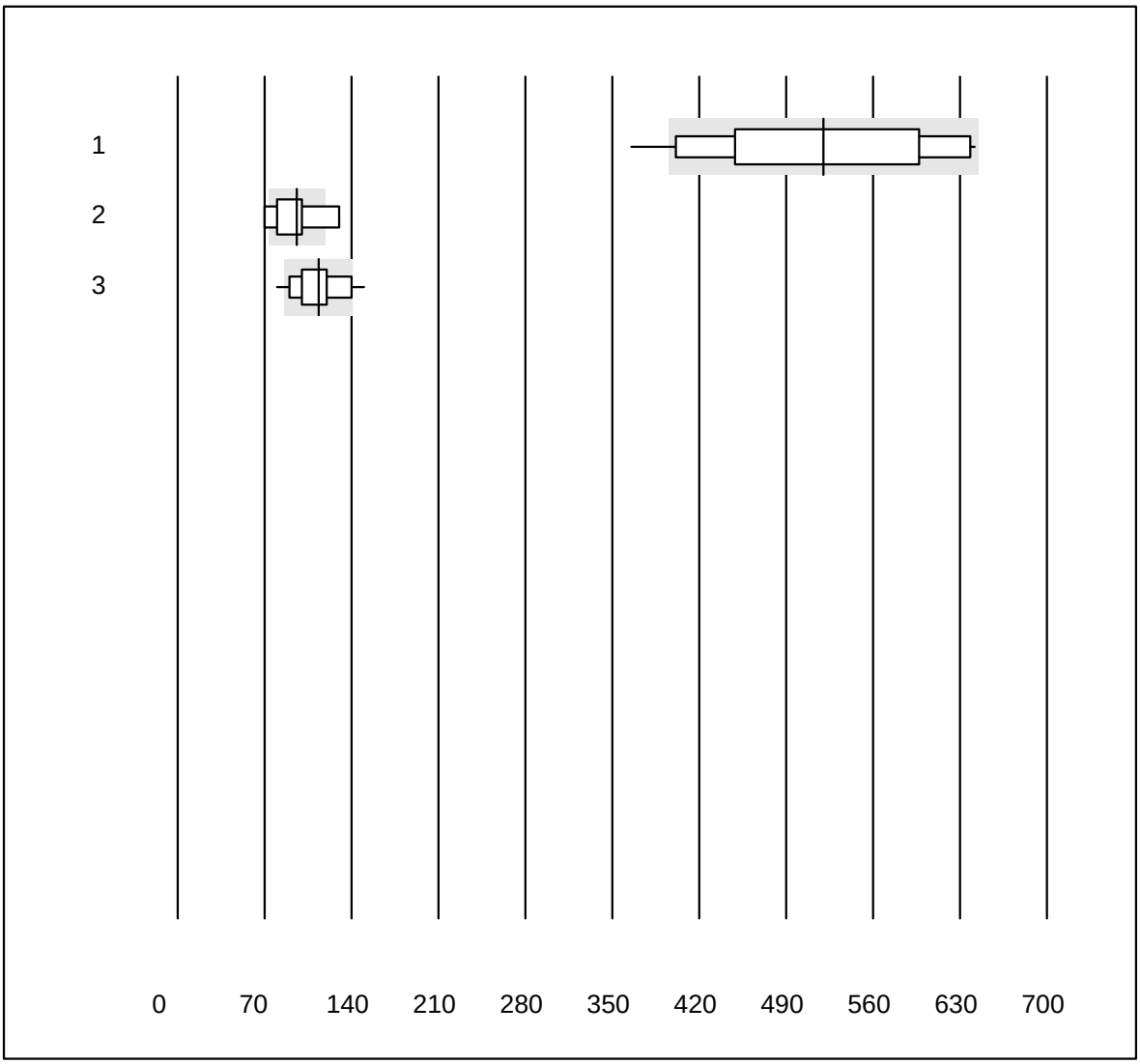
BNP



QUALAB Toleranz : 27 %
(< 75.0: +/- 20.0 ng/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Triage	17	82.4	0.0	17.6	10.8	17.8	e*

Troponin Triage

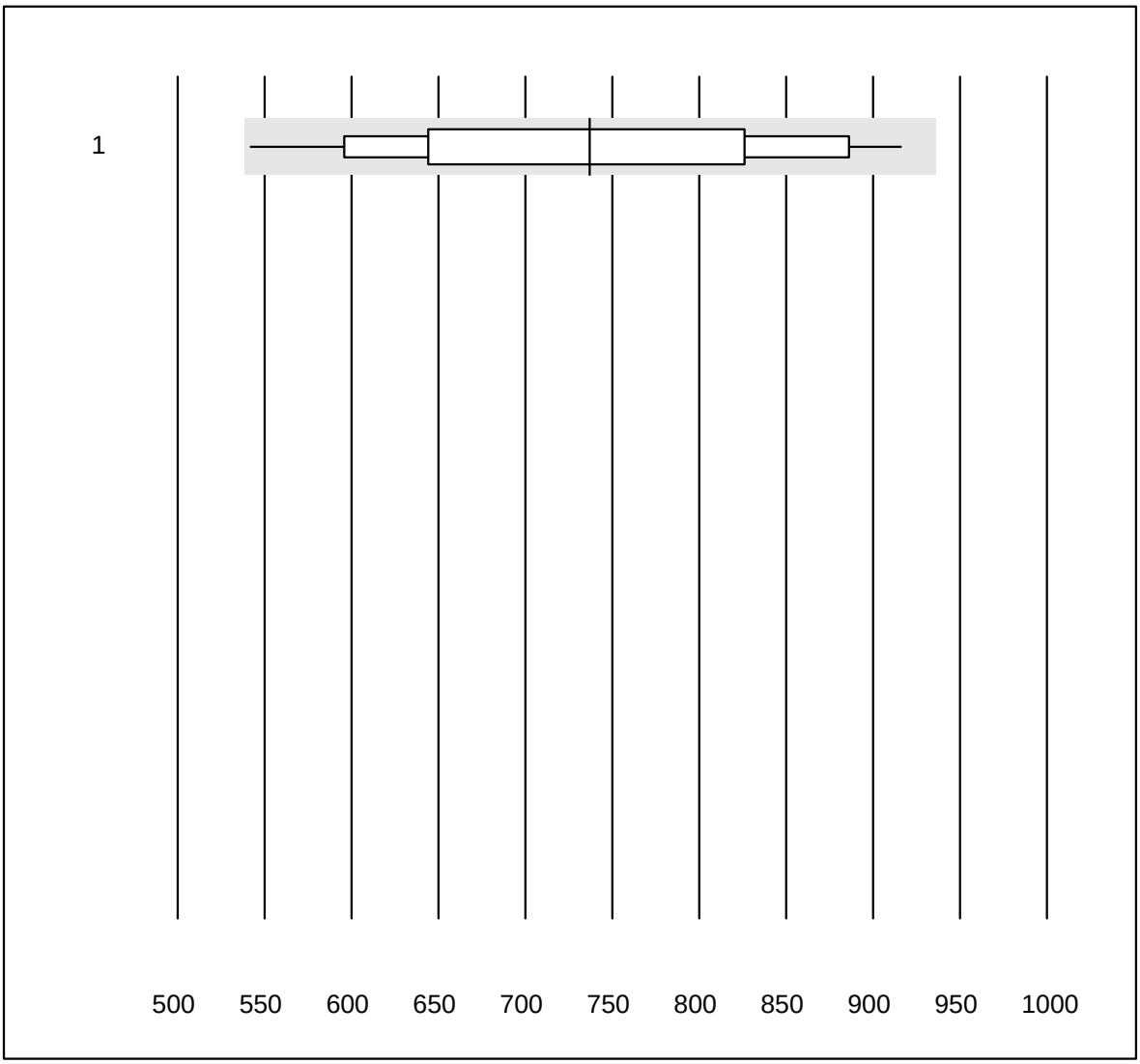


QUALAB Toleranz : 24 %

Troponin Triage (ng/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Triage high sensitiv	20	90.0	5.0	5.0	520.00	16.0	a
2	Triage SOB/Cardiac	5	60.0	40.0	0.0	96.00	24.1	e*
3	Triage Next Gen	17	58.8	11.8	29.4	113.33	18.2	e*

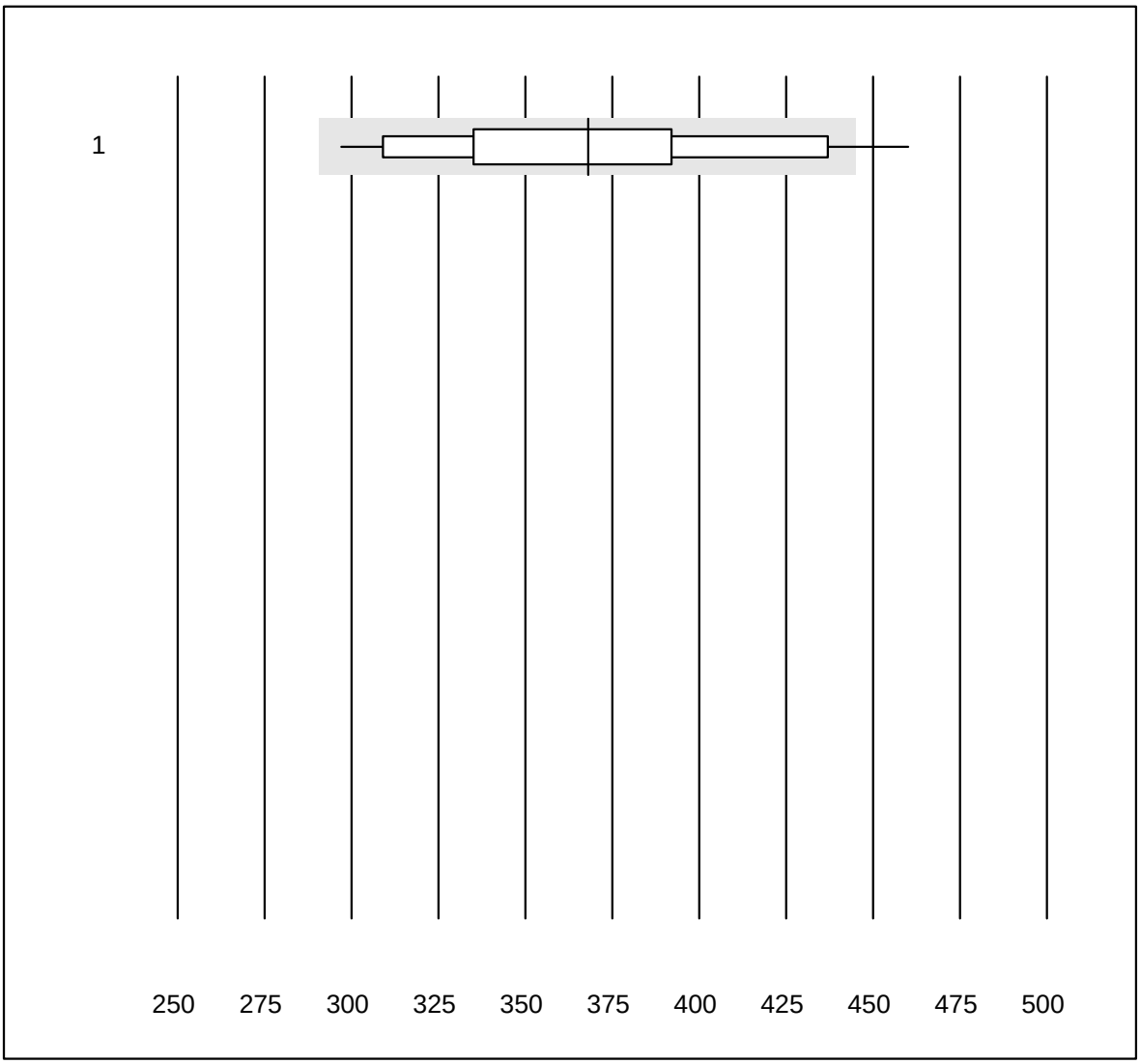
NT-proBNP



QUALAB Toleranz : 27 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Triage	13	92.3	0.0	7.7	737	16.3	e*

D-Dimere Triage

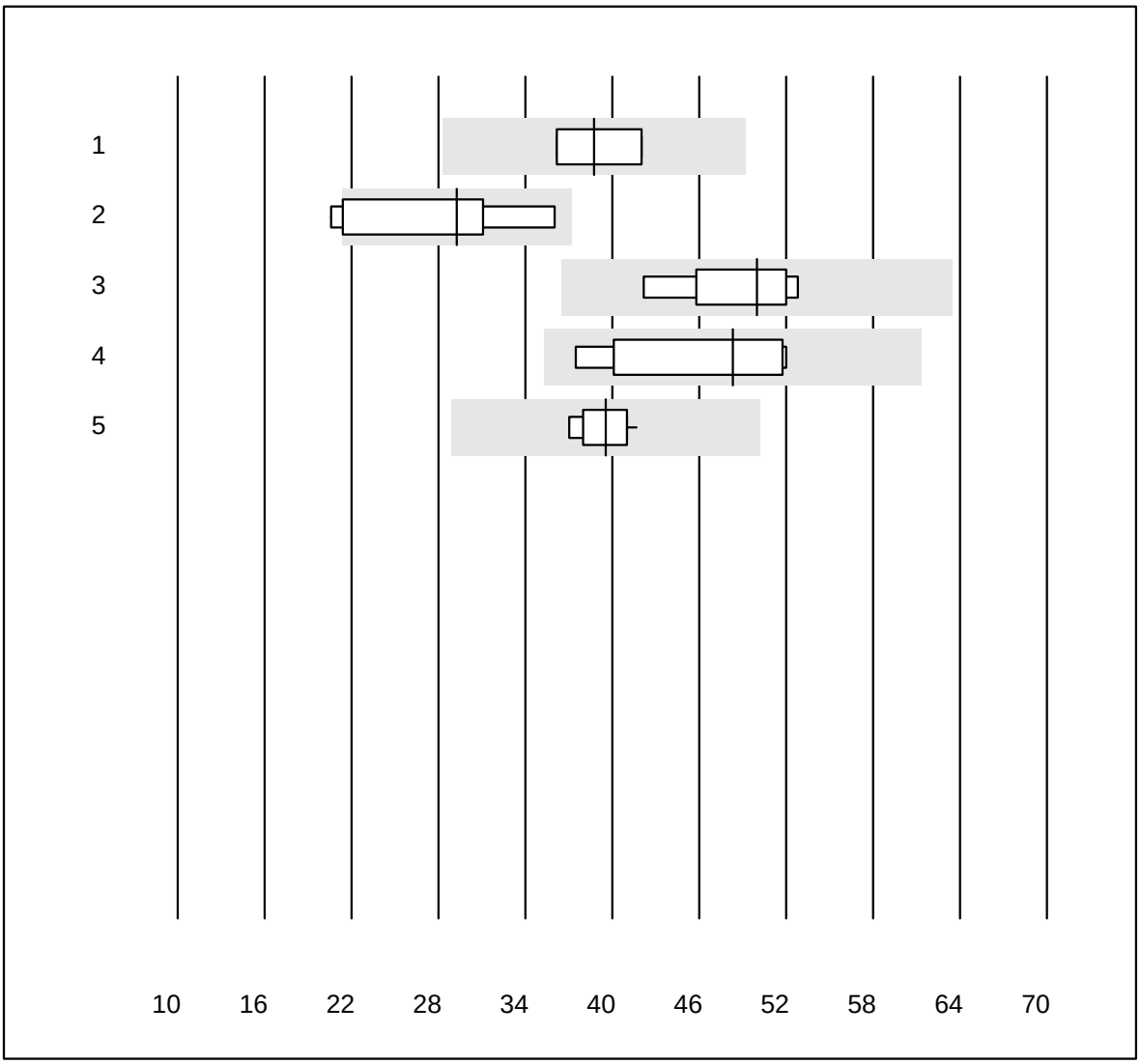


QUALAB Toleranz : 21 %

D-Dimere Triage (ng/ml)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Triage	38	84.2	2.6	13.2	367.97	12.8	e

Vitamin D 25 (OH)

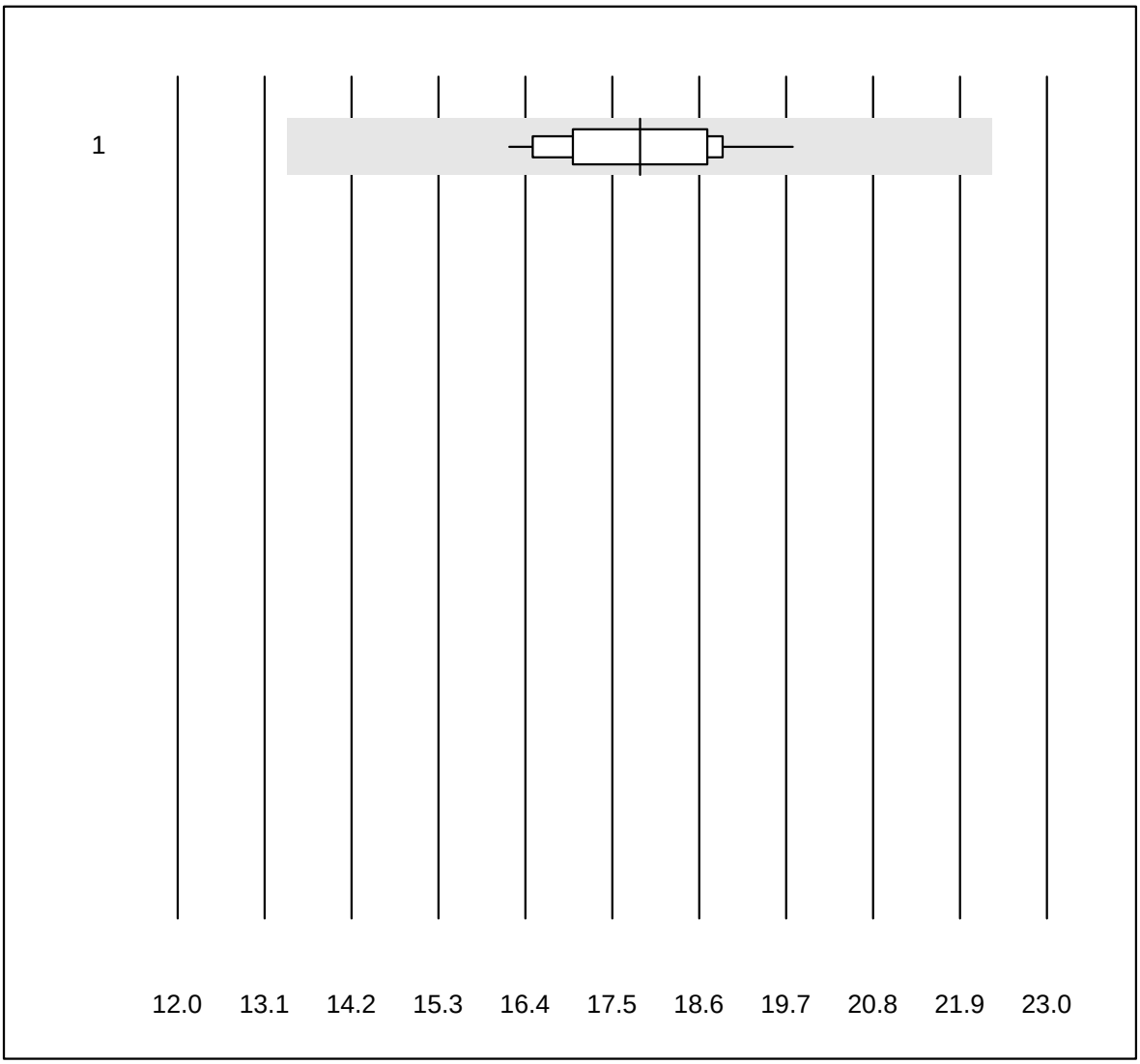


QUALAB Toleranz : 27 %

Vitamin D 25 (OH) (nmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	LCMS	4	75.0	0.0	25.0	38.7	7.7	a
2	Cobas	10	70.0	10.0	20.0	29.3	20.3	e*
3	VIDAS	7	100.0	0.0	0.0	50.0	7.6	a
4	andere Methoden	11	63.6	0.0	36.4	48.3	13.5	a
5	Architect	10	100.0	0.0	0.0	39.6	4.3	e

AMH

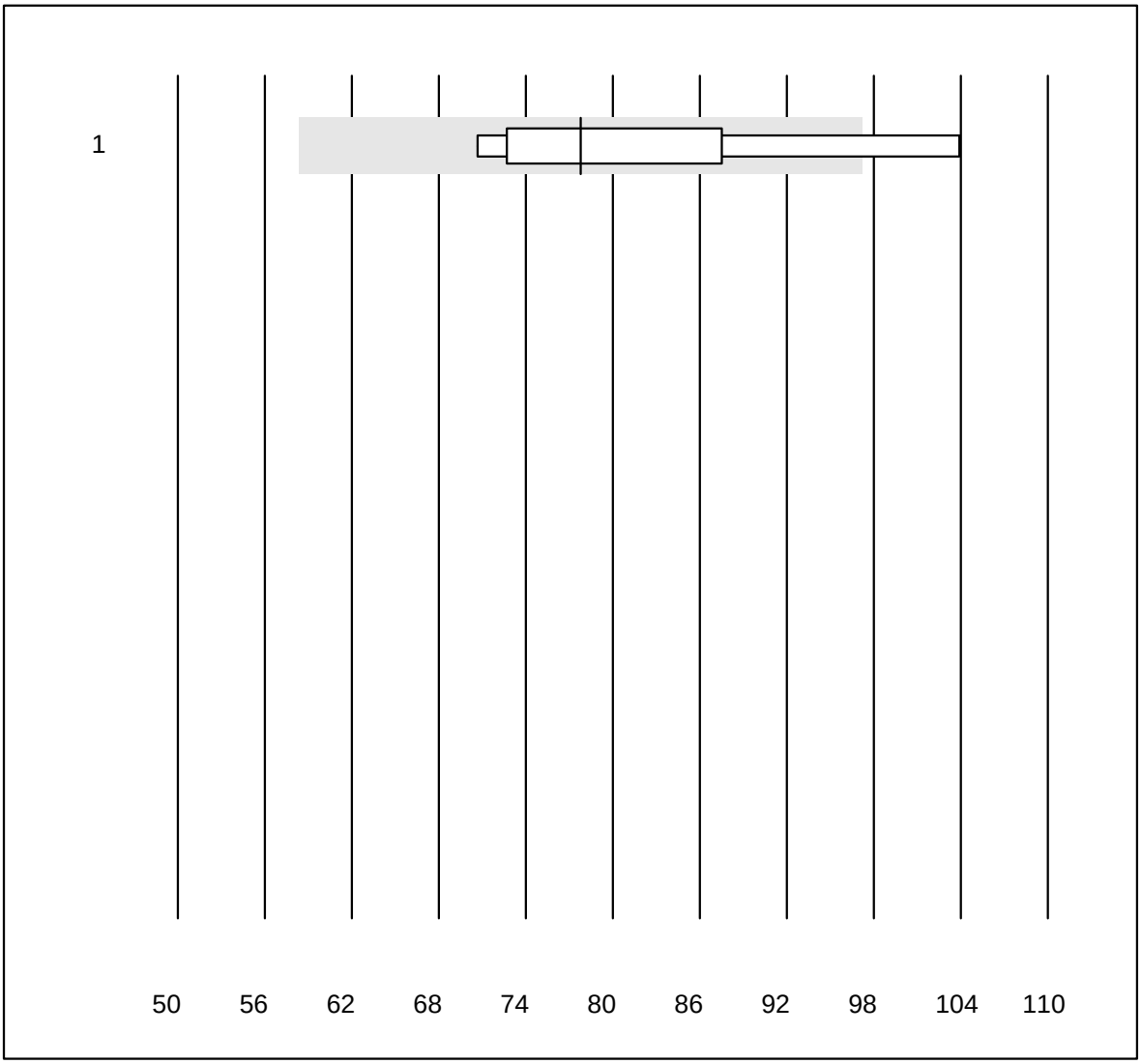


MQ Toleranz : 25 %

AMH (pmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	11	100.0	0.0	0.0	17.8	6.1	e

Inhibin B

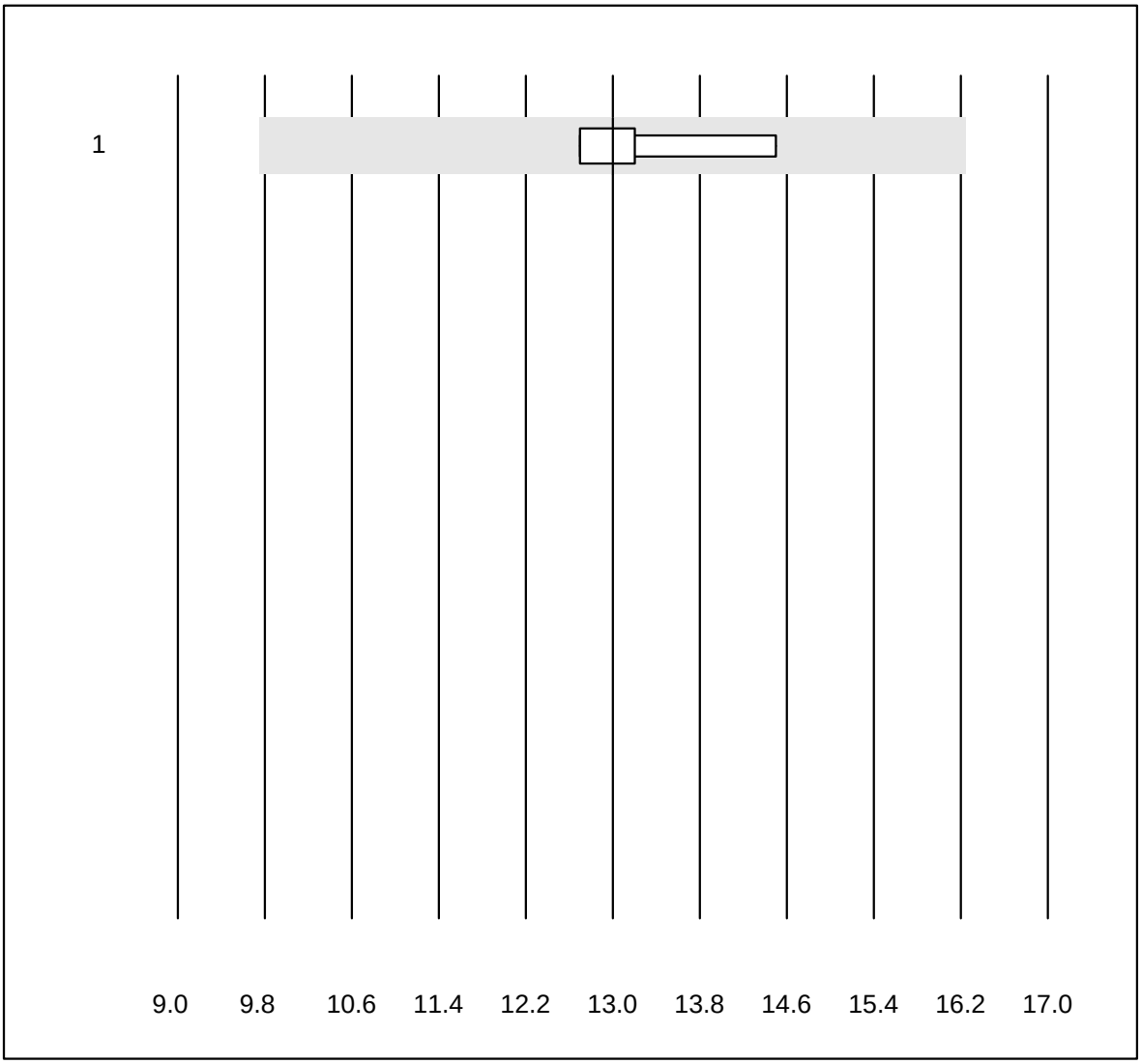


MQ Toleranz : 25 %

Inhibin B (ng/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	5	80.0	20.0	0.0	78	16.5	e*

Calcitonin

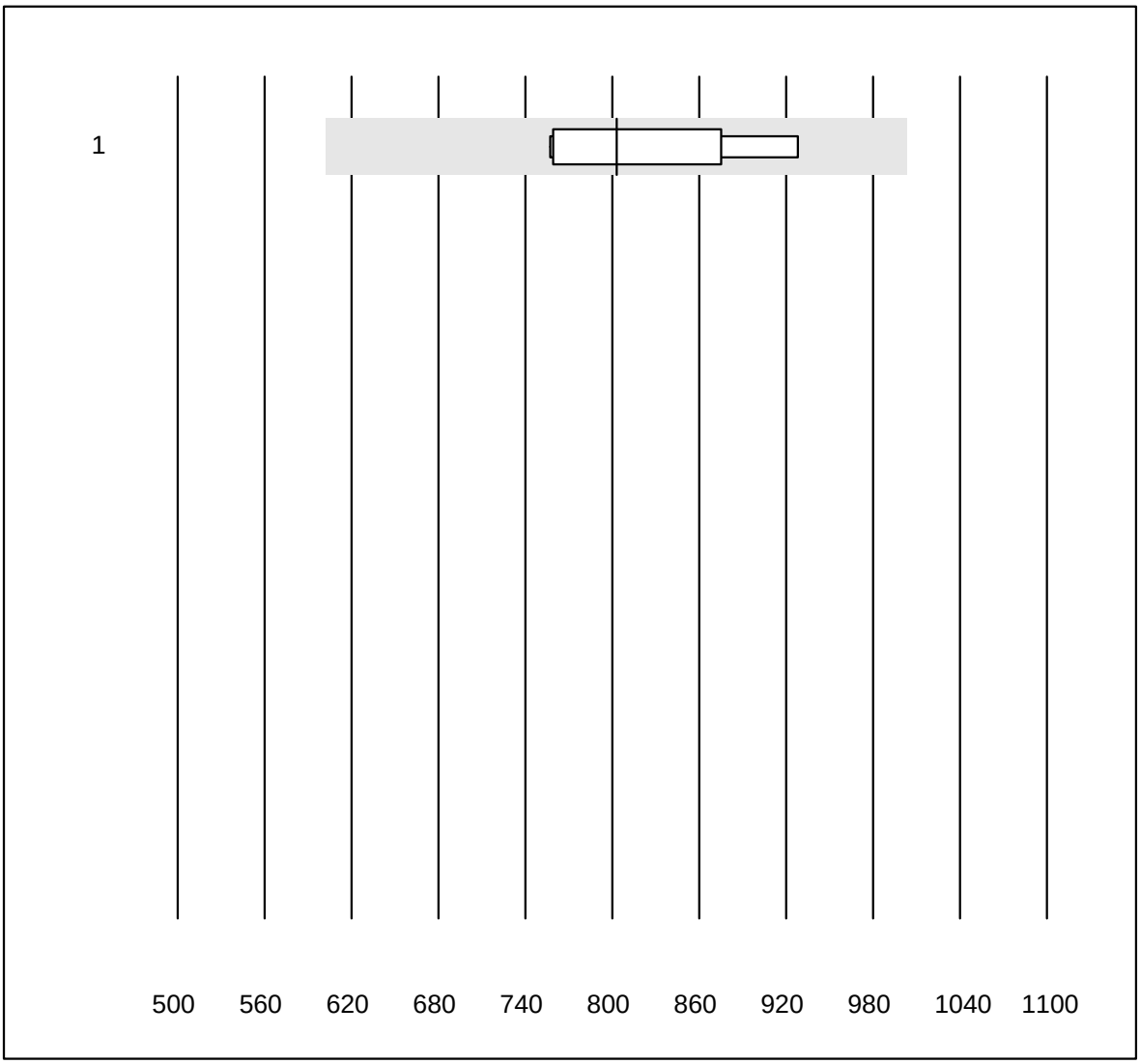


MQ Toleranz : 25 %

Calcitonin (pmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	4	100.0	0.0	0.0	13.0	6.2	e*

Anti Thyreoglobulin

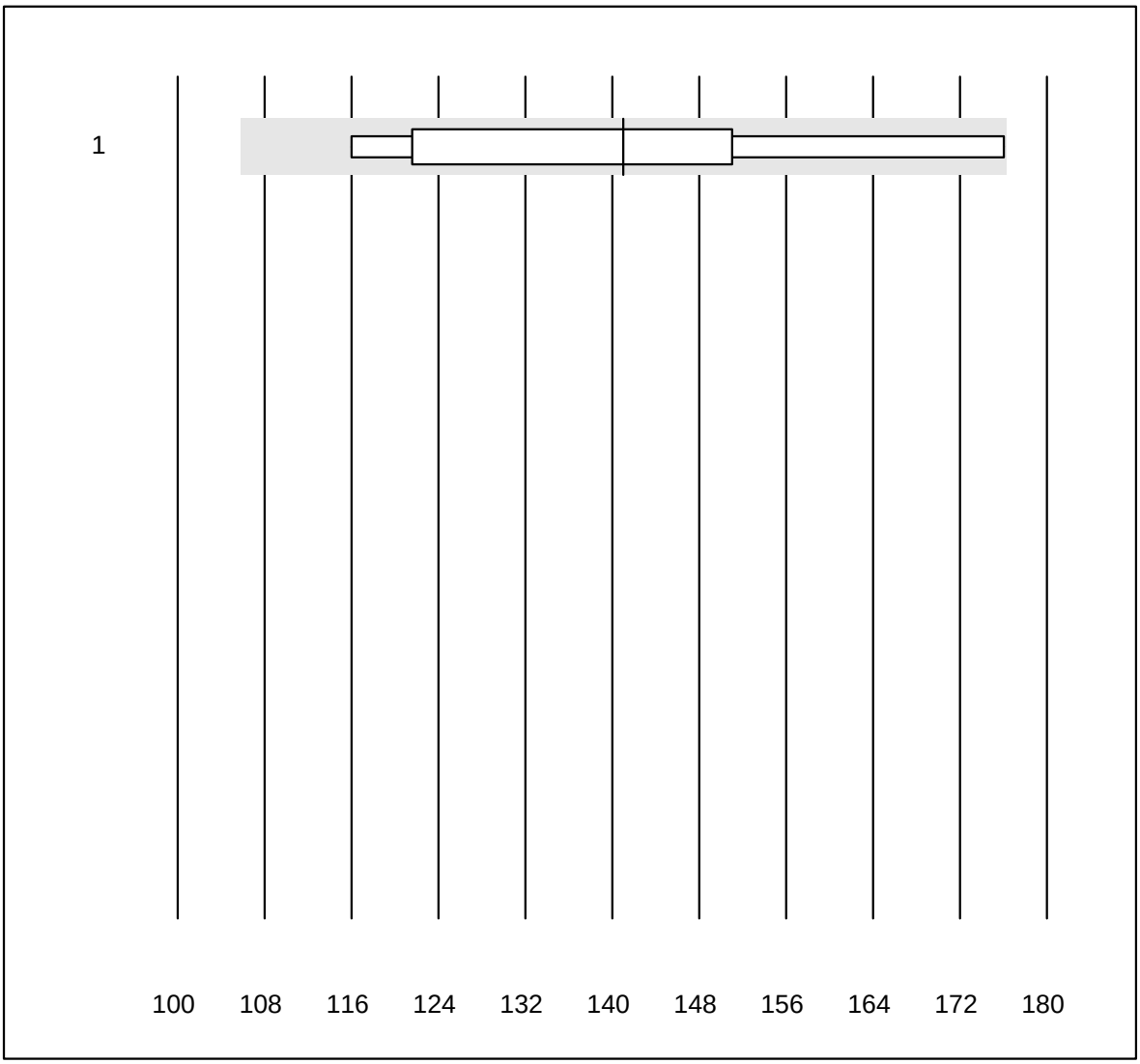


MQ Toleranz : 25 %

Anti Thyreoglobulin (IU/ml)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	8	100.0	0.0	0.0	803	7.9	e

Anti TPO

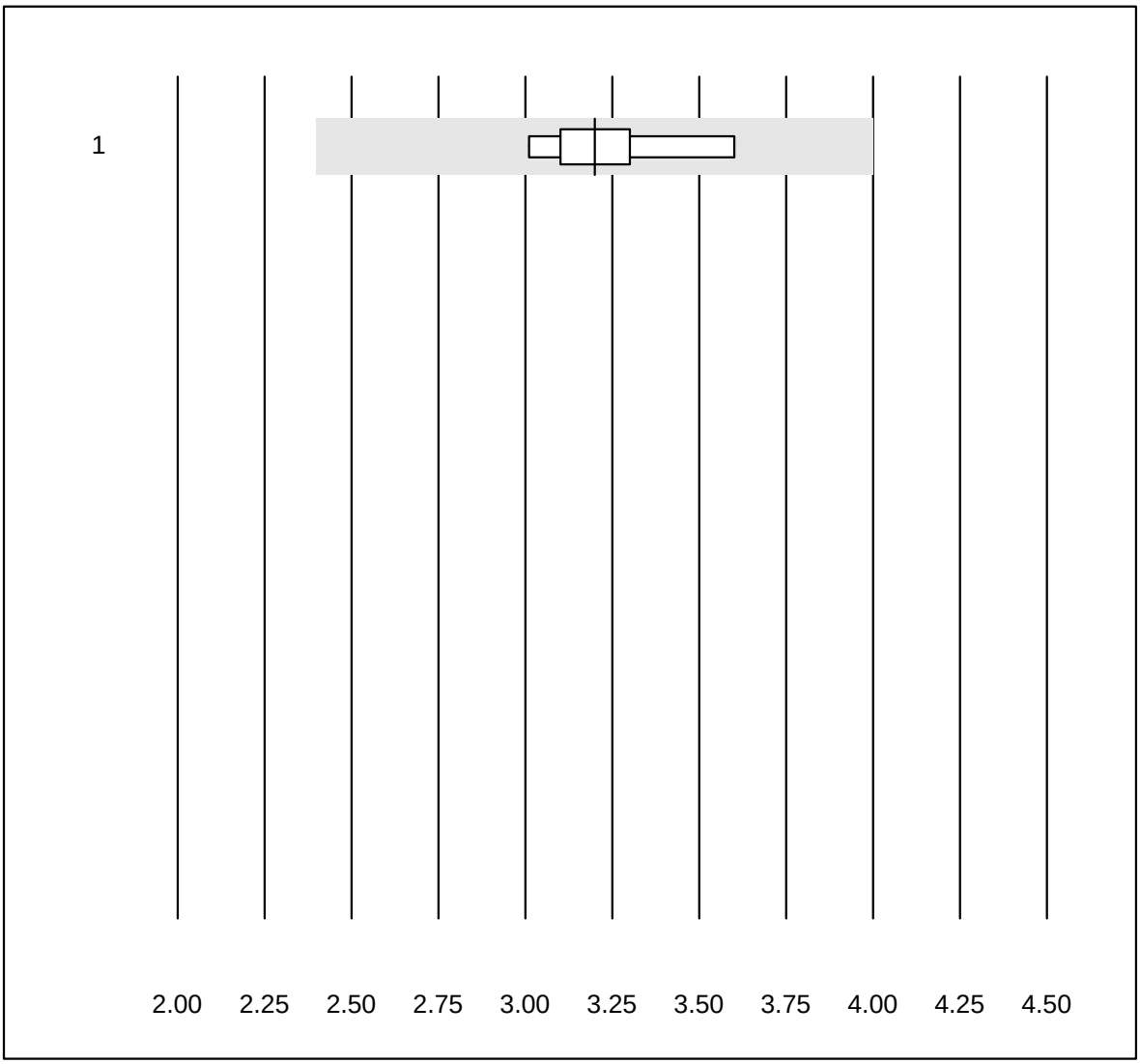


QUALAB Toleranz : 25 %

Anti TPO (IU/ml)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	8	100.0	0.0	0.0	141	14.9	e*

TRAK

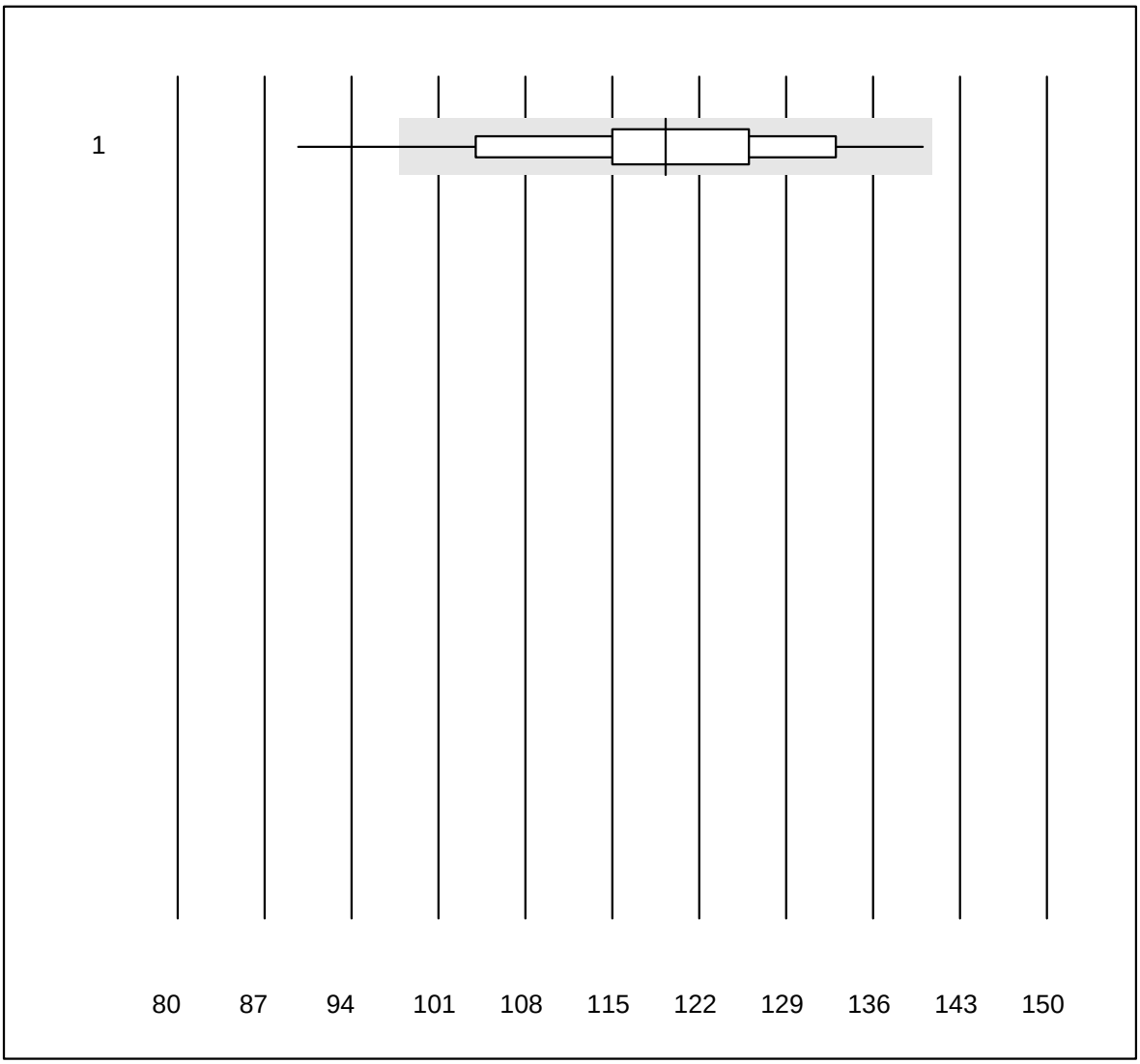


MQ Toleranz : 25 %

TRAK (IU/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	5	100.0	0.0	0.0	3.20	7.0	e*

Creatinin WB

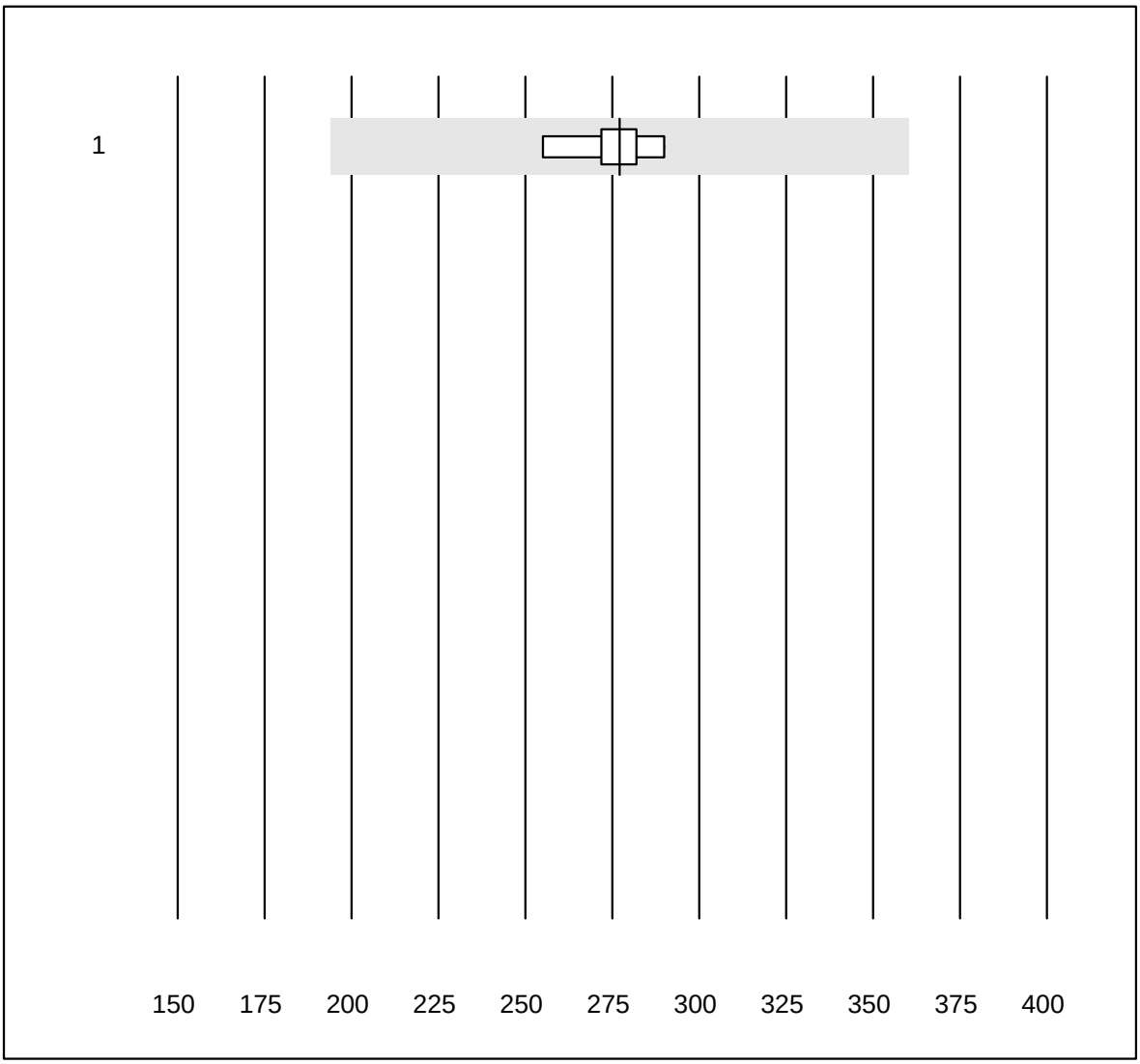


QUALAB Toleranz : 18 %

Creatinin WB (µmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Statsensor i / Nova	49	87.7	4.1	8.2	119	9.1	e

IL6

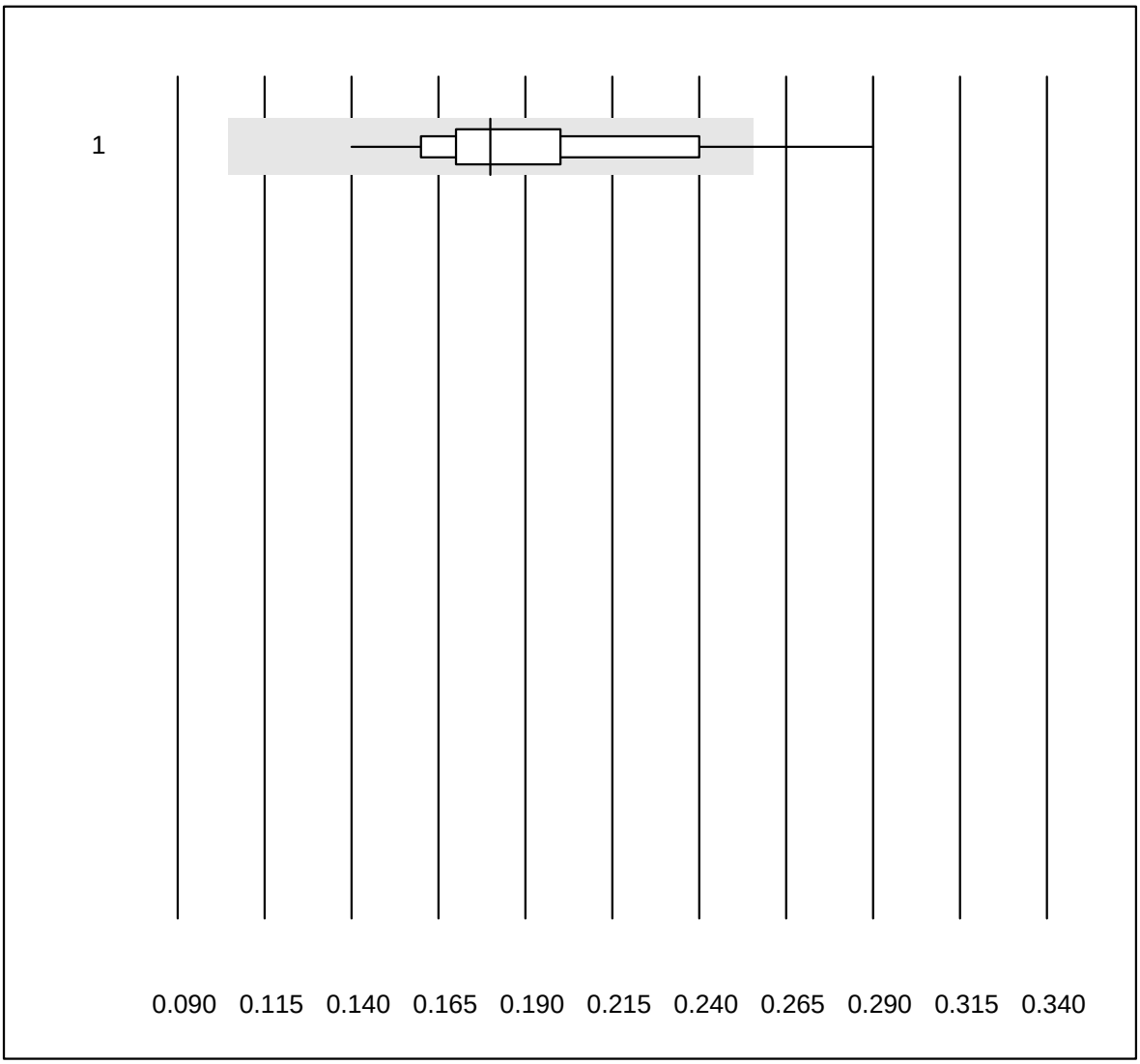


MQ Toleranz : 30 %

IL6 (ng/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	5	100.0	0.0	0.0	277.0	4.8	e

D-Dimere qn

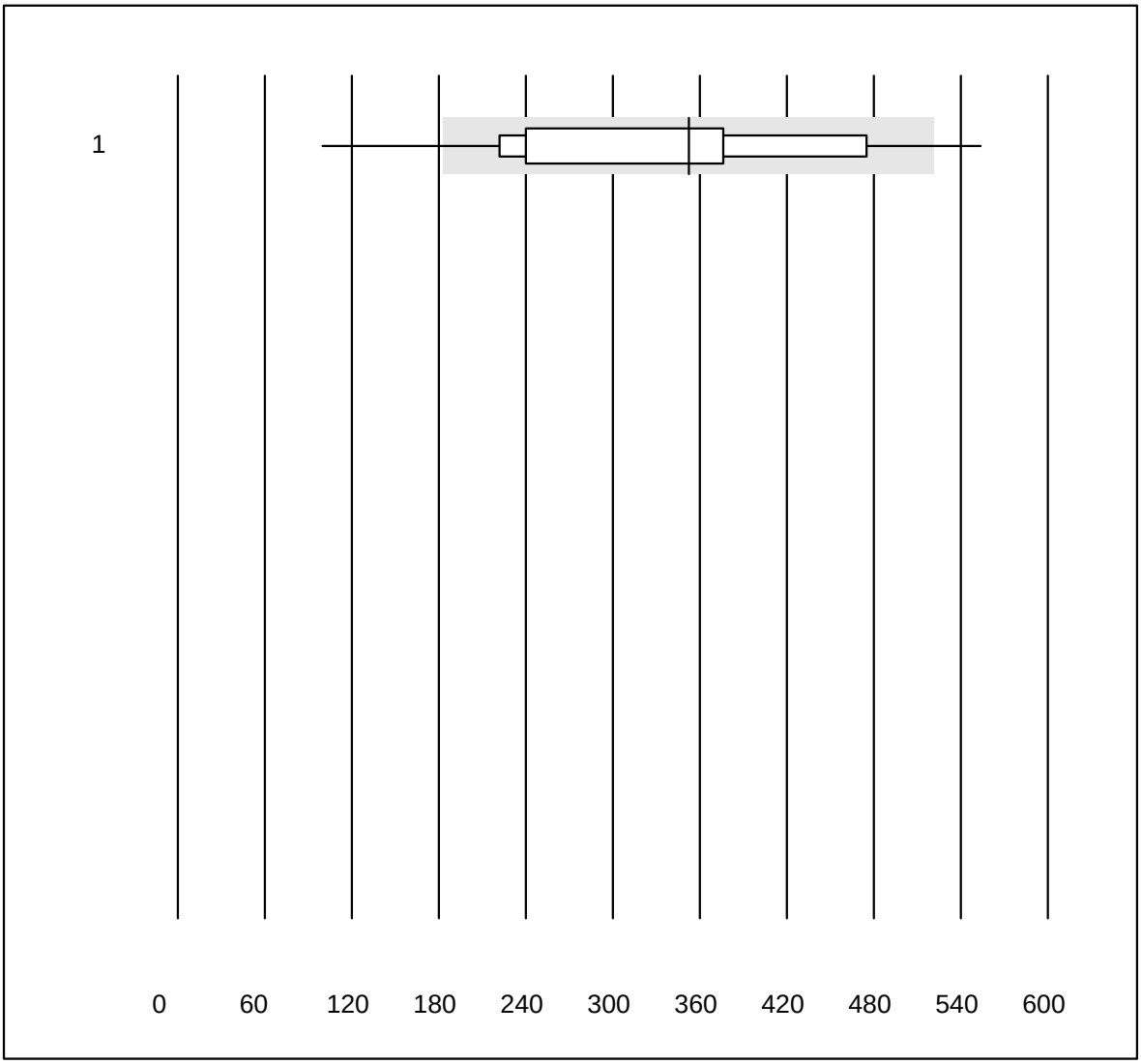


QUALAB Toleranz : 0 %

D-Dimere qn (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Exdia TRF	47	91.5	6.4	2.1	0.18	17.6	a

Troponin I qn

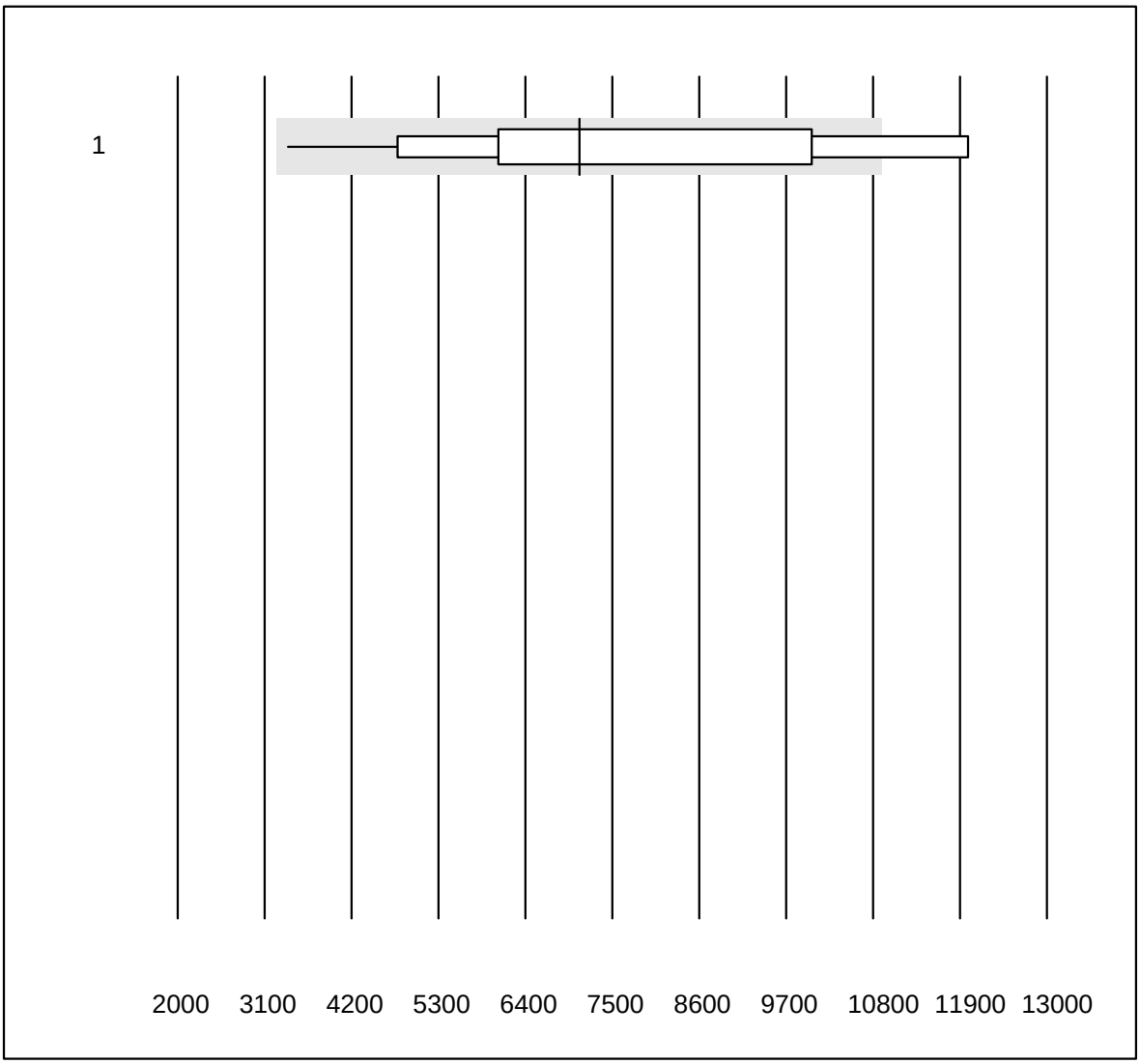


QUALAB Toleranz : 0 %

Troponin I qn (ng/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Exdia TRF	47	80.9	10.6	8.5	352.33	34.4	a

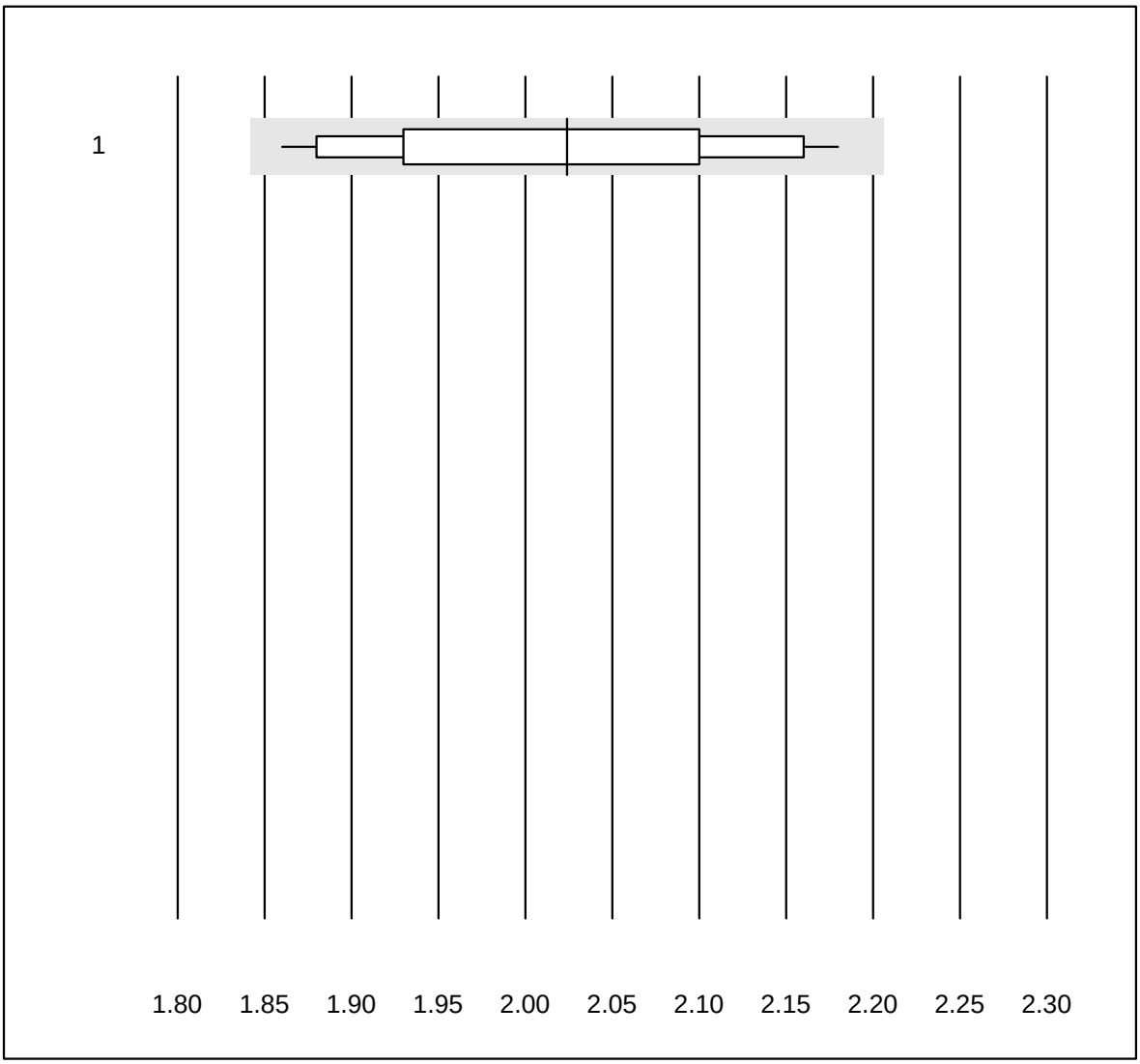
proBNP



QUALAB Toleranz : 0 %

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Exdia TRF	42	73.9	19.0	7.1	7085.4	32.3	a

Calcium-Urin

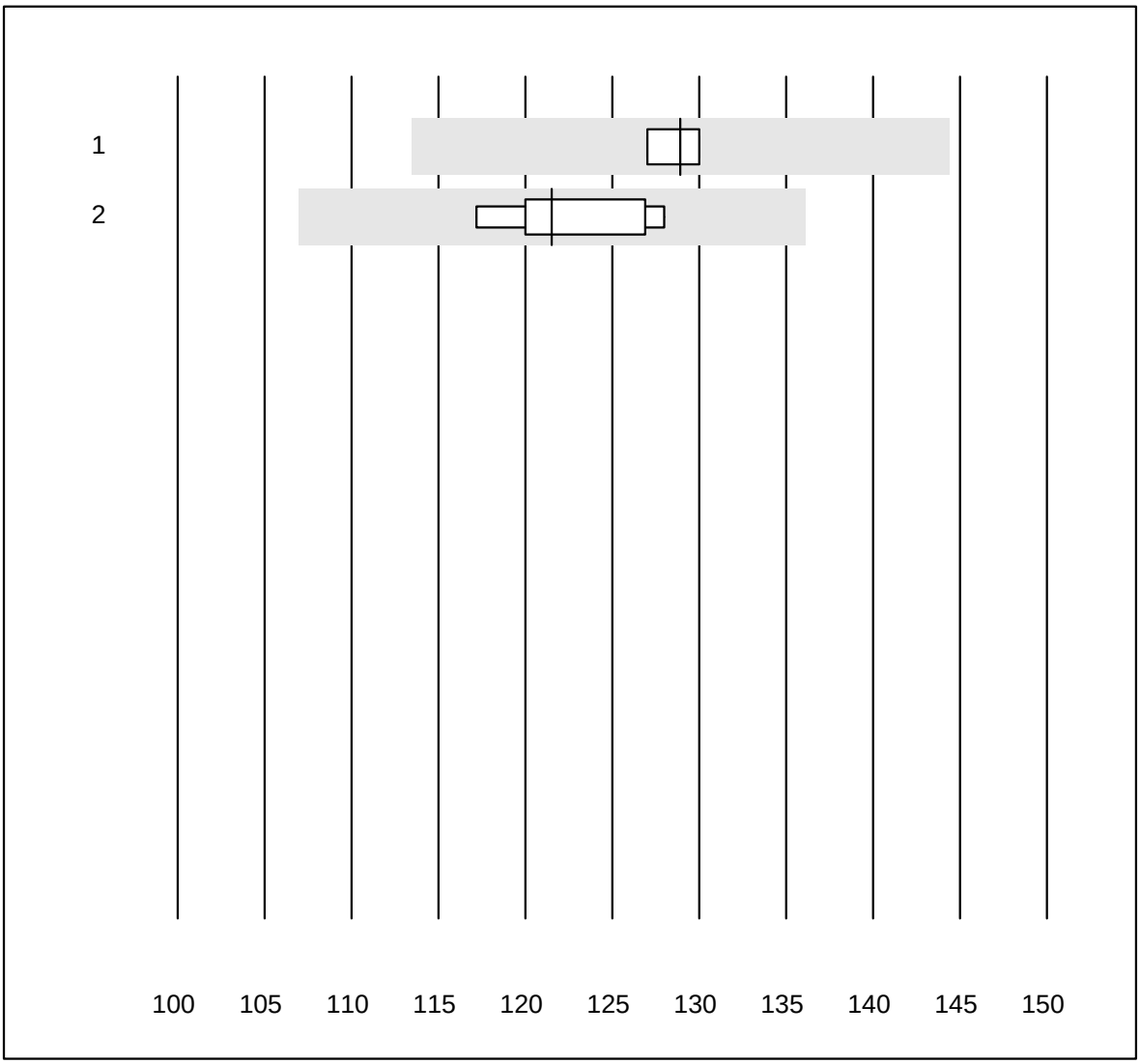


MQ Toleranz : 9 %

Calcium-Urin (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	19	100.0	0.0	0.0	2.02	4.8	e*

Chlorid-Urin

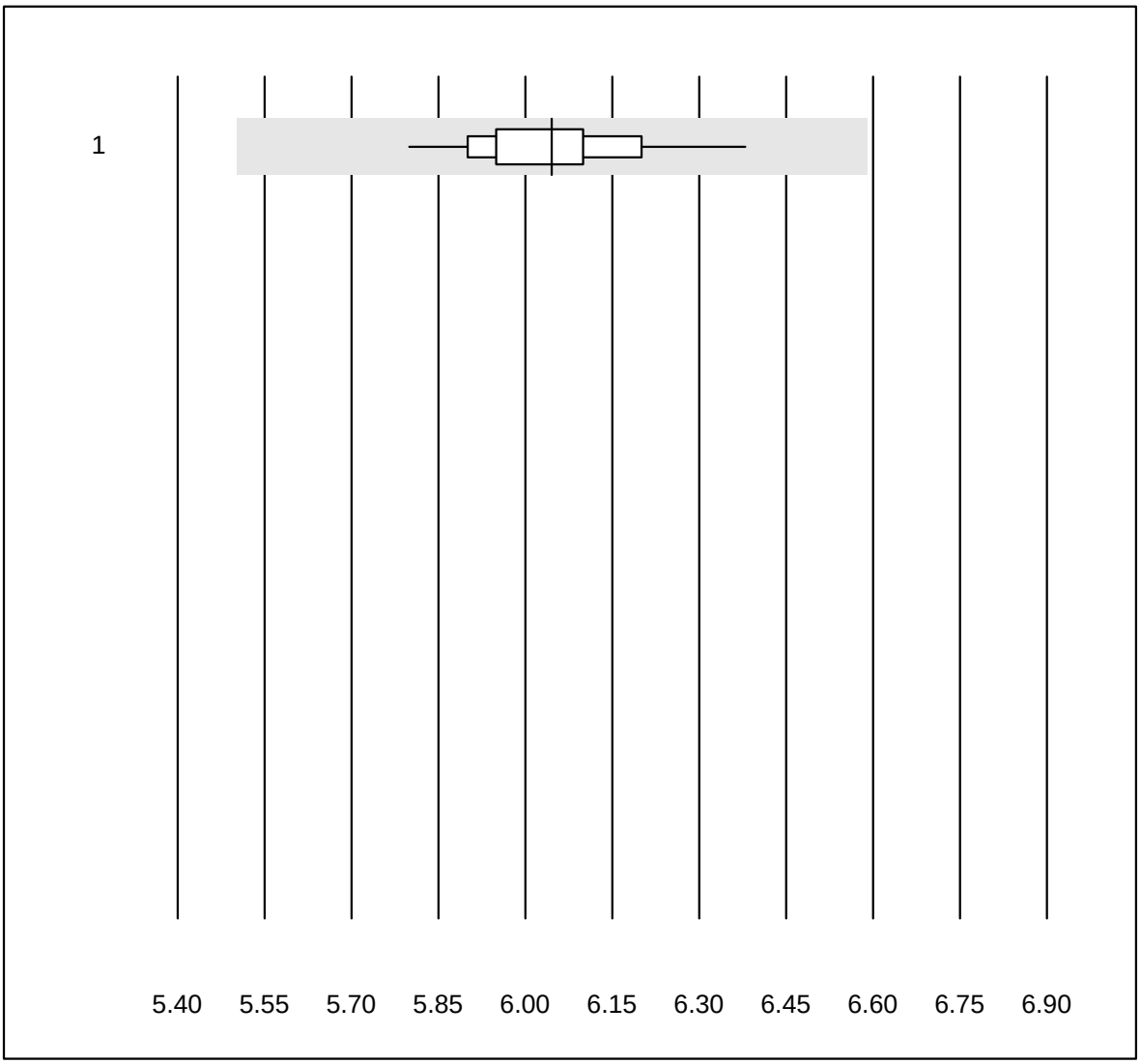


MQ Toleranz : 12 %

Chlorid-Urin (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	7	100.0	0.0	0.0	129	1.1	e
2	Cobas	7	100.0	0.0	0.0	122	3.1	e

Glucose-Urin

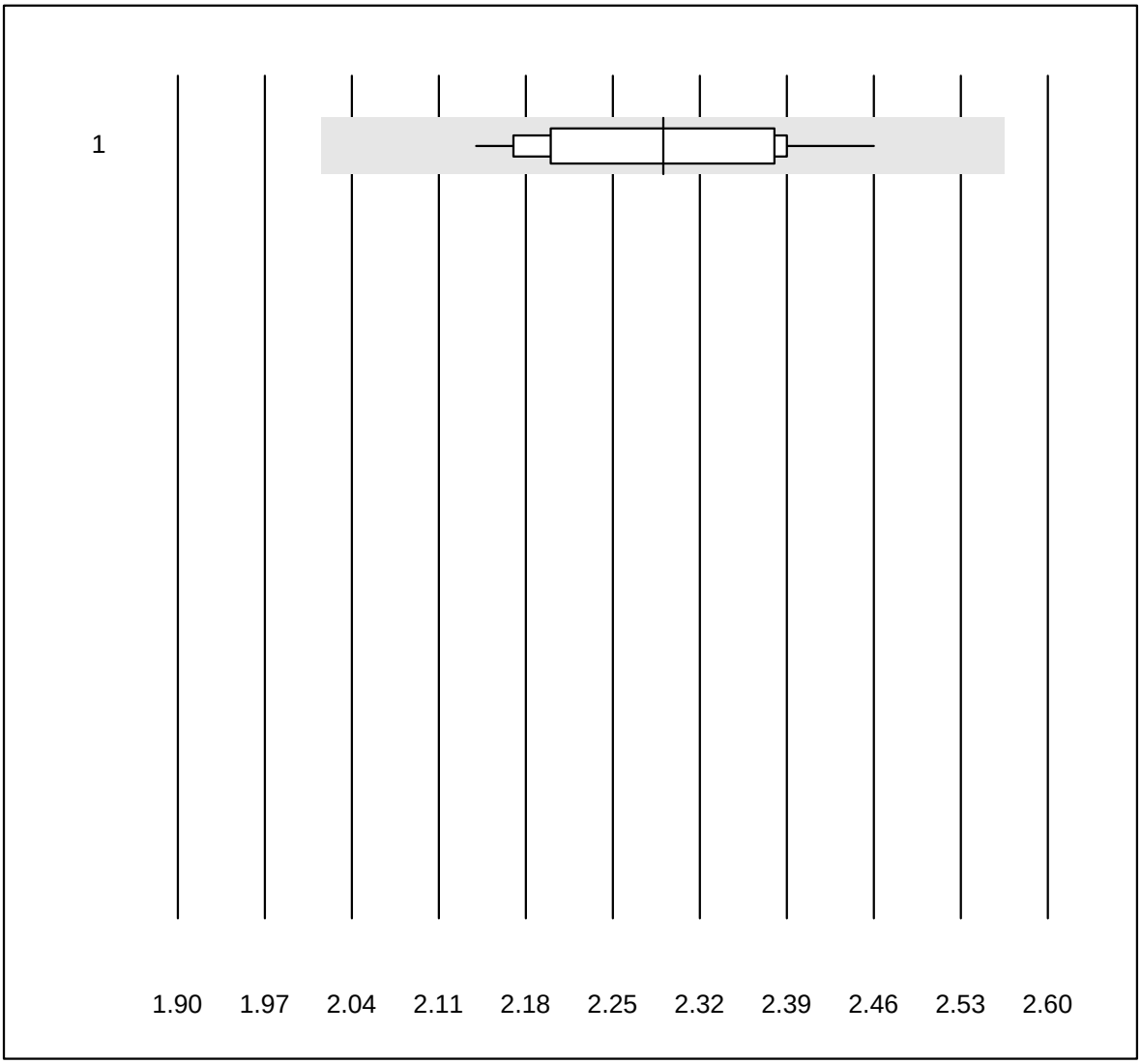


QUALAB Toleranz : 9 %

Glucose-Urin (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	16	100.0	0.0	0.0	6.0	2.3	e

Magnesium-Urin

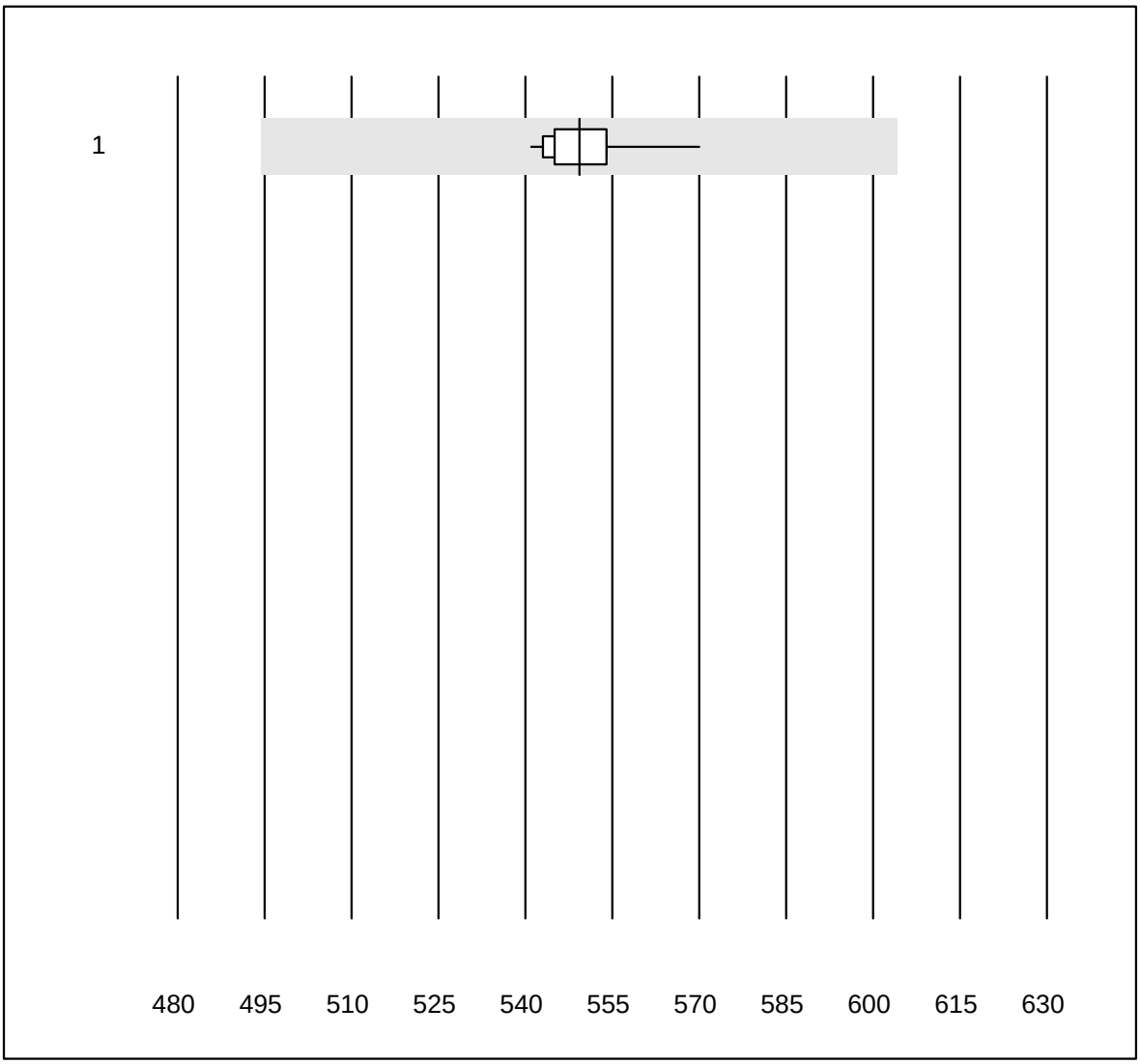


MQ Toleranz : 12 %

Magnesium-Urin (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	11	100.0	0.0	0.0	2.29	4.3	e

Osmolalität-Urin

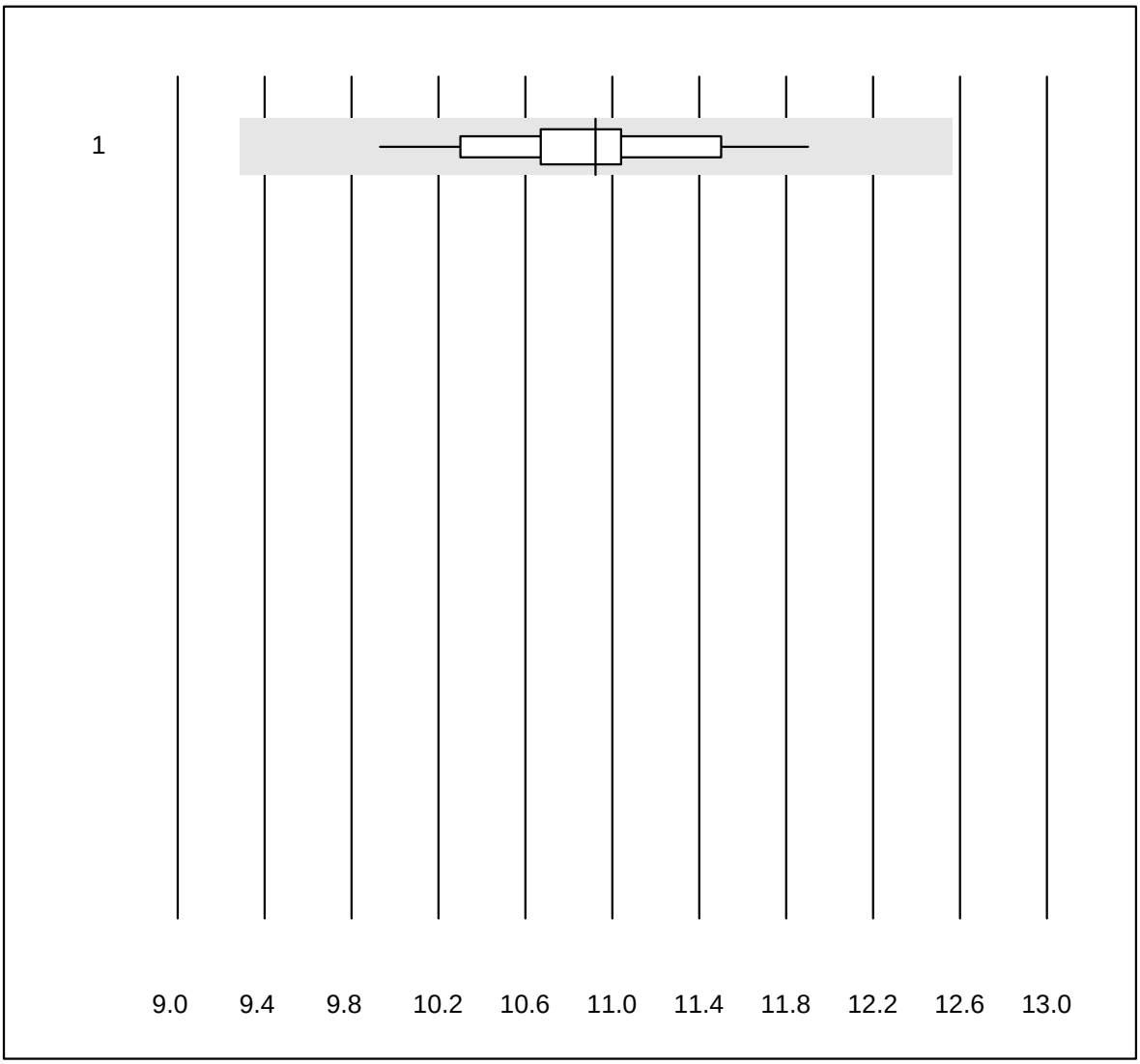


MQ Toleranz : 10 %

Osmolalität-Urin (mosm/kg)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Kryoskopie	15	100.0	0.0	0.0	549	1.3	e

Phosphat-Urin

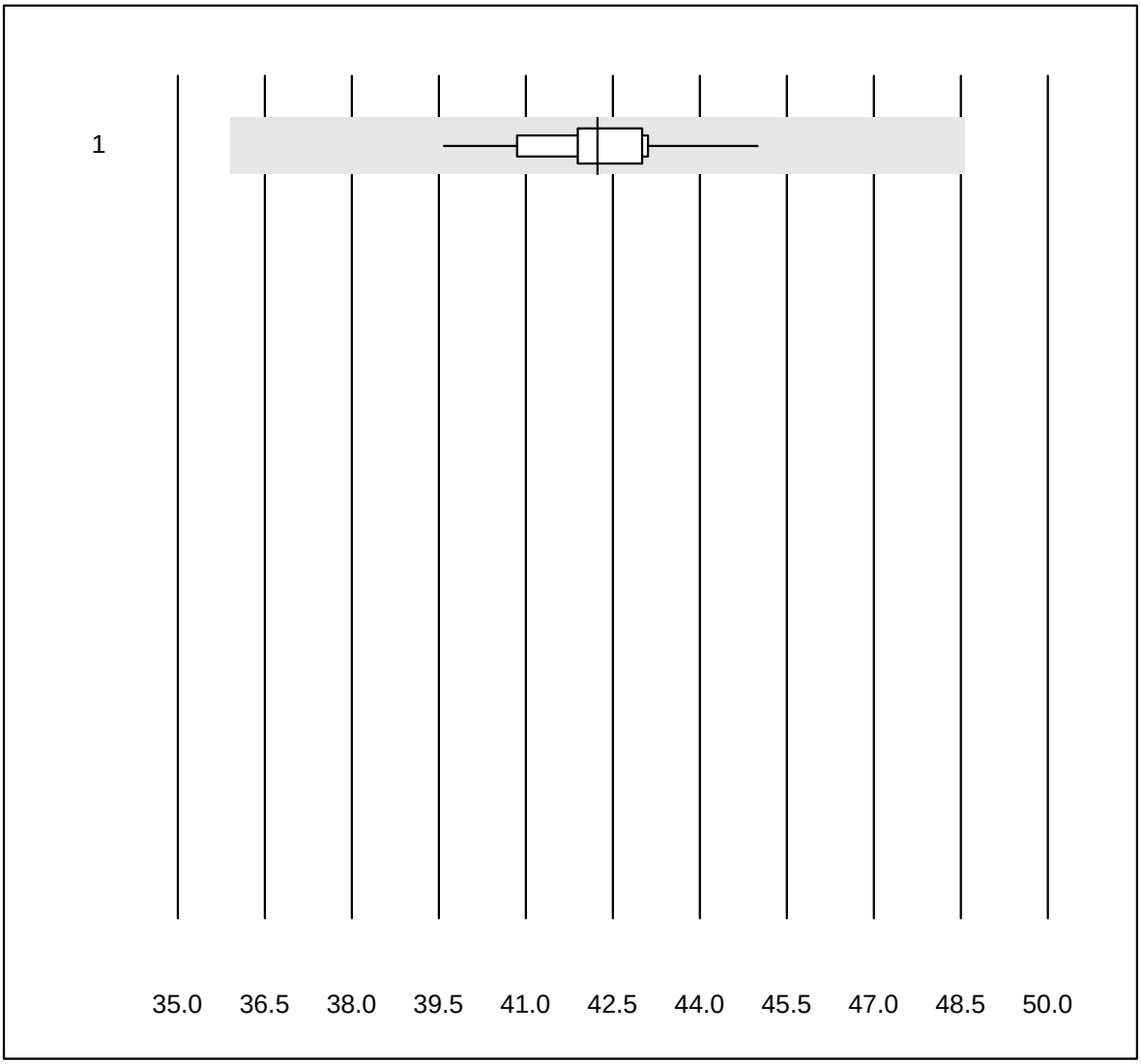


MQ Toleranz : 15 %

Phosphat-Urin (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	16	100.0	0.0	0.0	10.9	4.1	e

Kalium-Urin

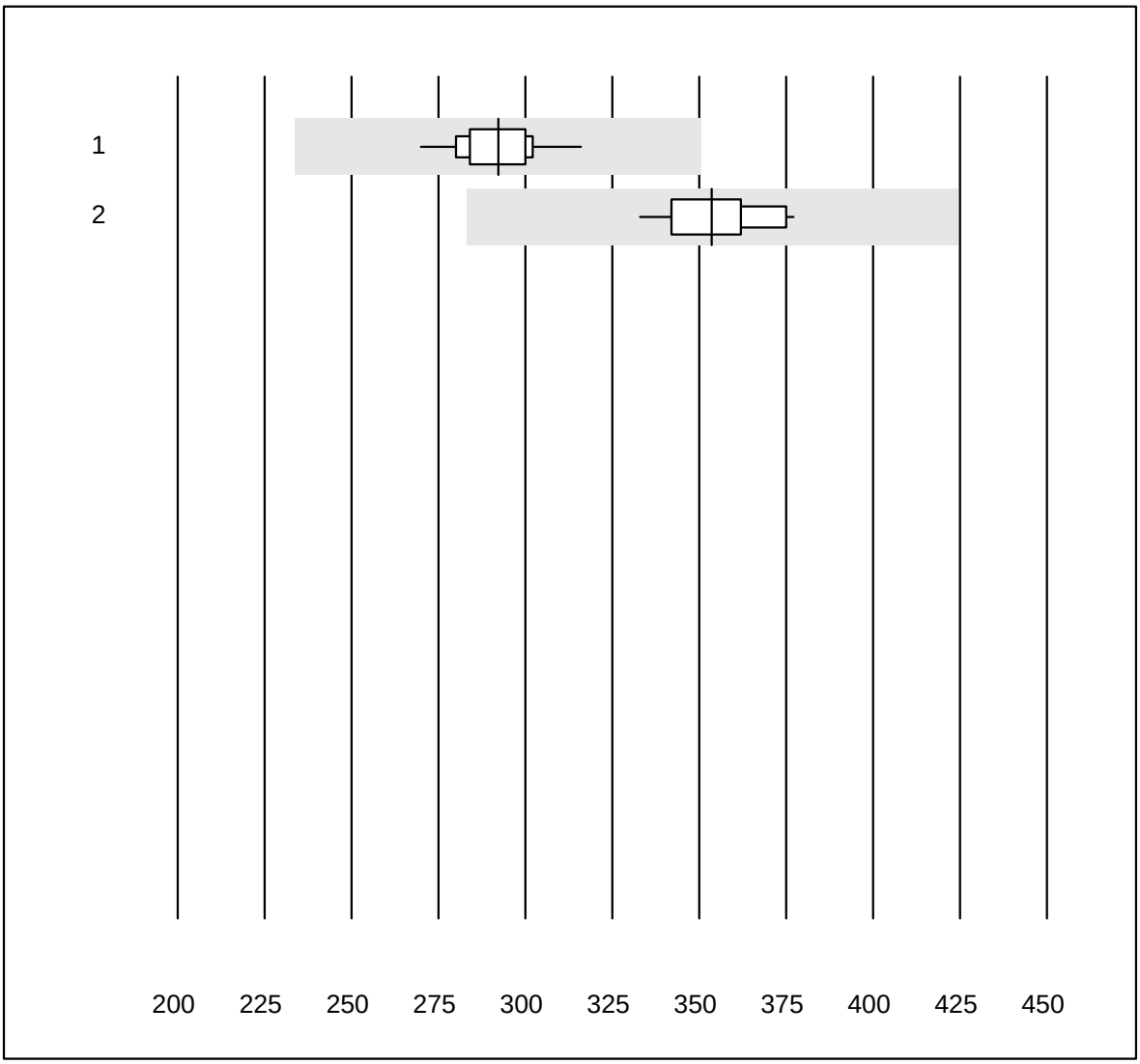


MQ Toleranz : 15 %

Kalium-Urin (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	24	100.0	0.0	0.0	42	2.7	e

Protein-Urin

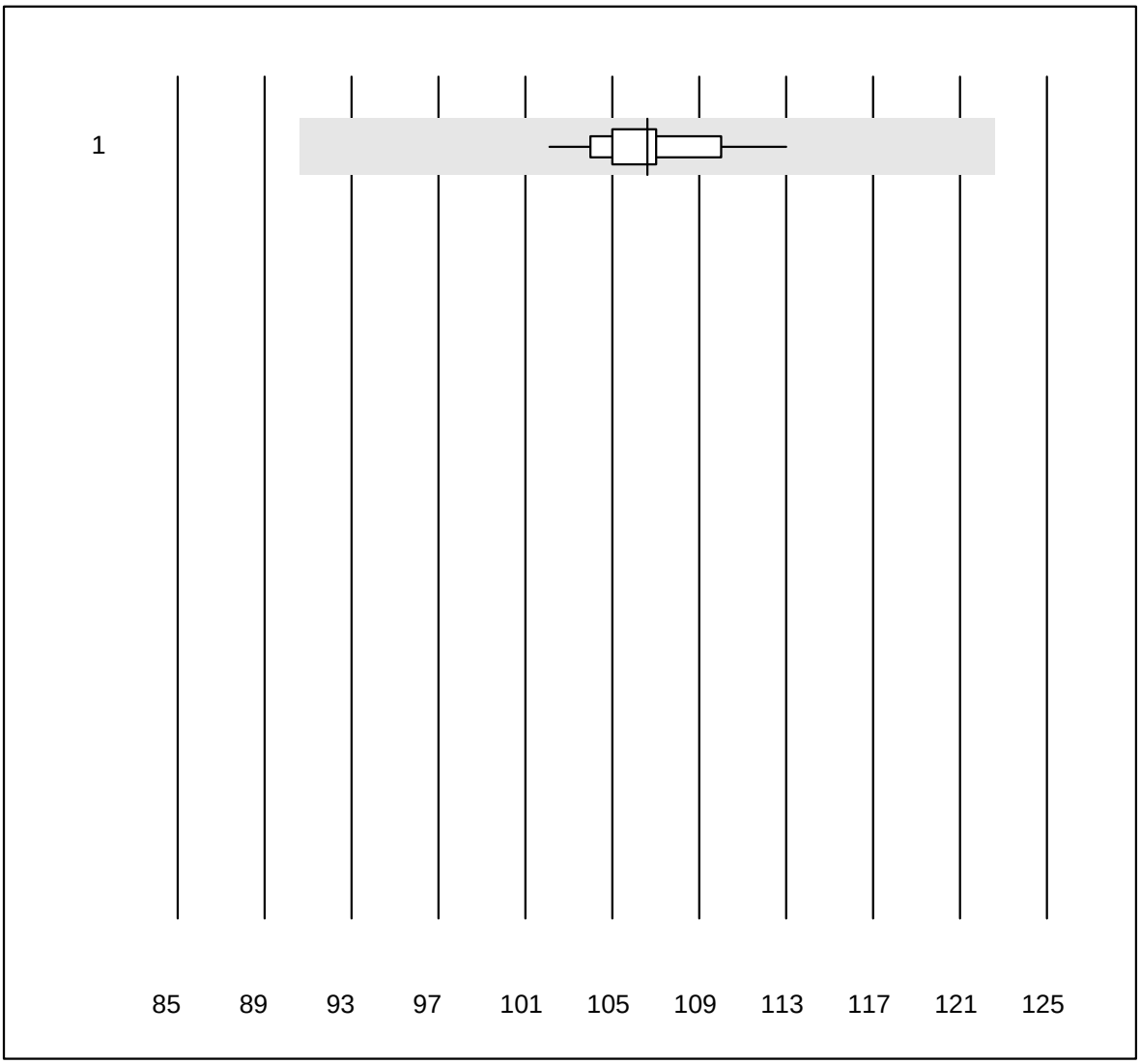


QUALAB Toleranz : 20 %

Protein-Urin (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas/Roche	13	100.0	0.0	0.0	292.2	4.1	e
2	nasschemisch	12	100.0	0.0	0.0	353.7	4.0	e

Natrium-Urin

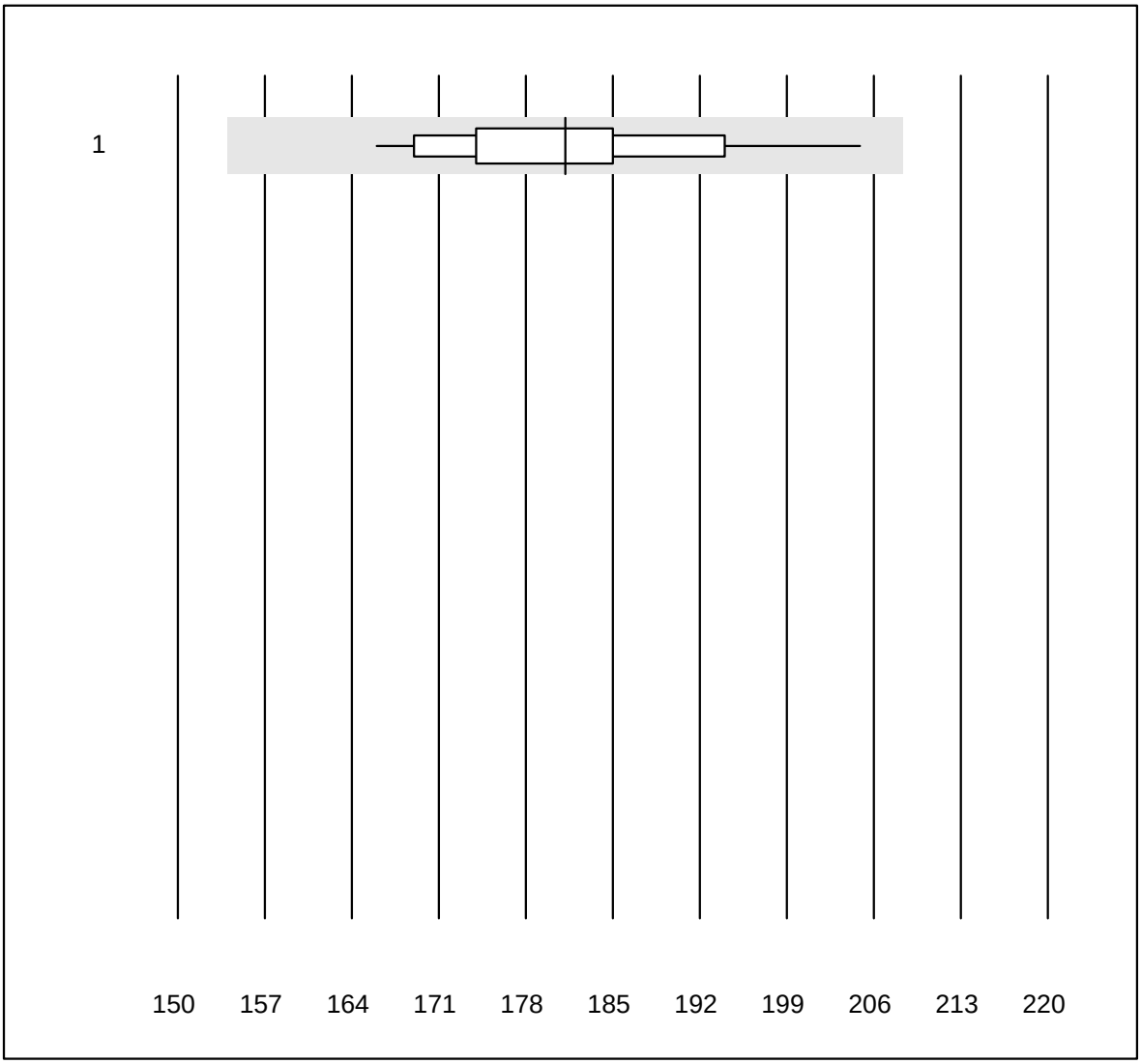


MQ Toleranz : 15 %

Natrium-Urin (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Alle Methoden	24	100.0	0.0	0.0	107	2.2	e

Harnstoff-Urin

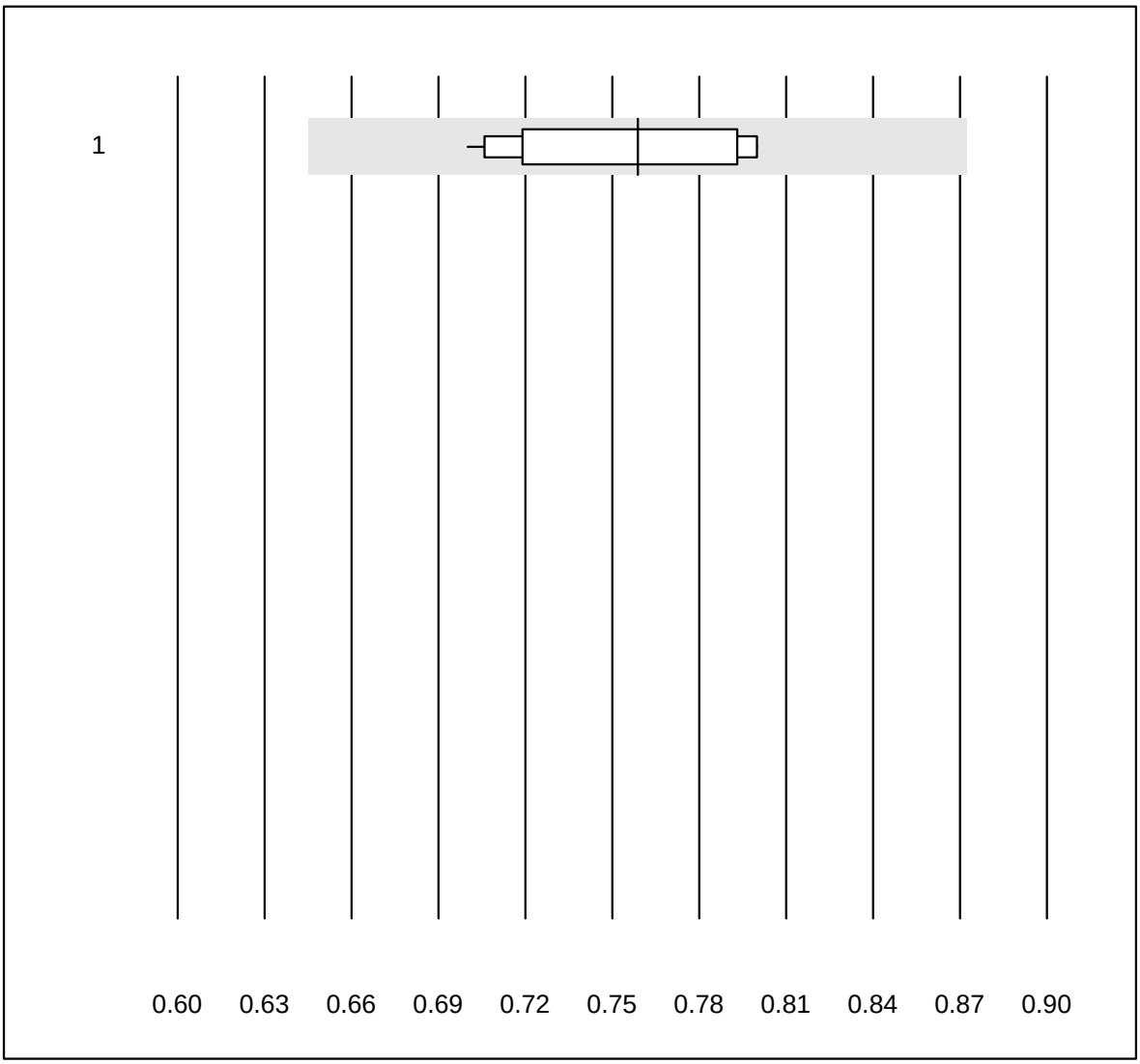


MQ Toleranz : 15 %

Harnstoff-Urin (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	21	100.0	0.0	0.0	181	5.6	e

Harnsäure-Urin

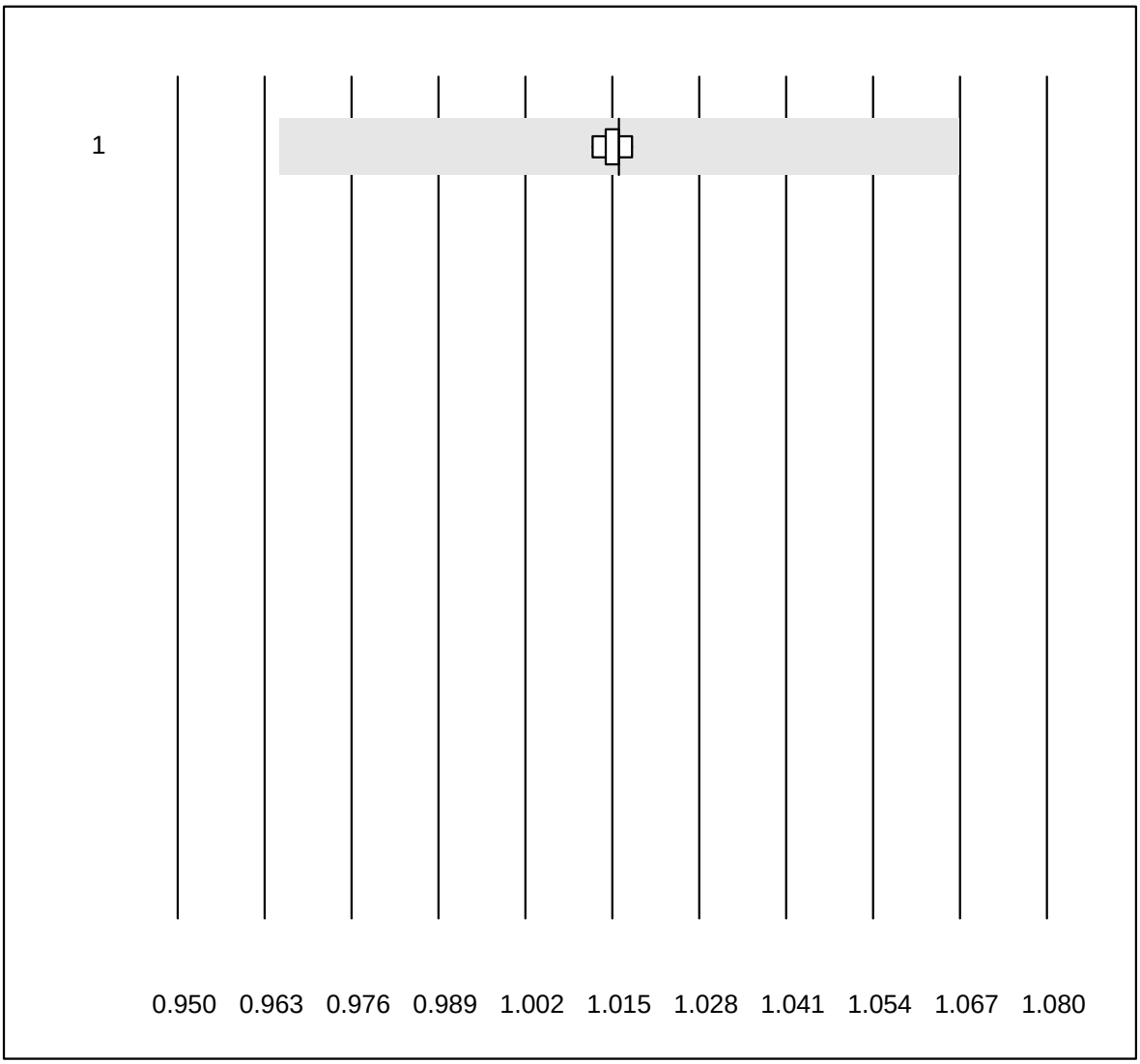


MQ Toleranz : 15 %

Harnsäure-Urin (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	nasschemisch	15	100.0	0.0	0.0	0.76	4.8	e

Spez. Gewicht-Urin

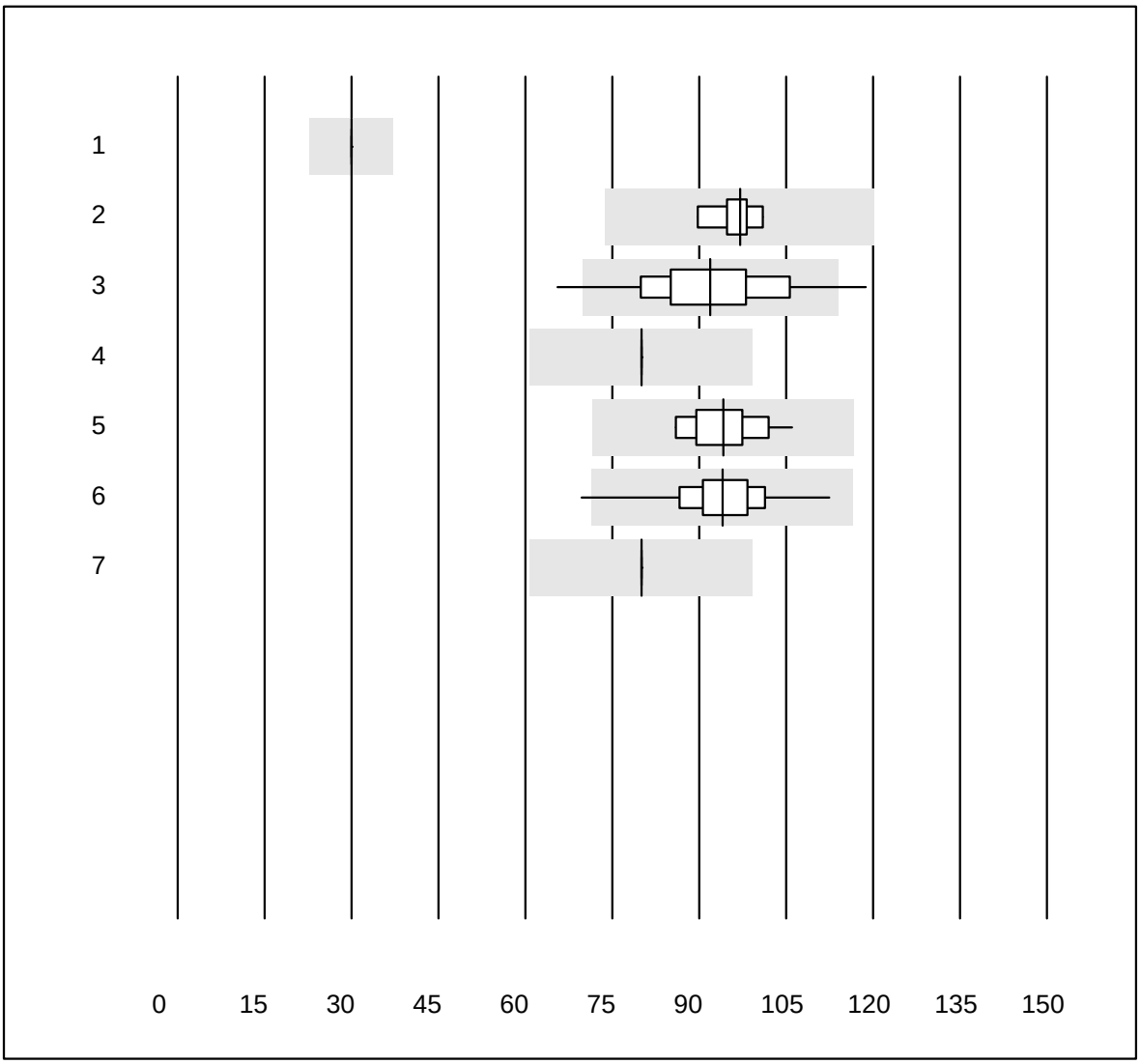


MQ Toleranz : 5 %

Spez. Gewicht-Urin ()

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Refraktometer	5	100.0	0.0	0.0	1.016	0.2	e

Albumin Urin

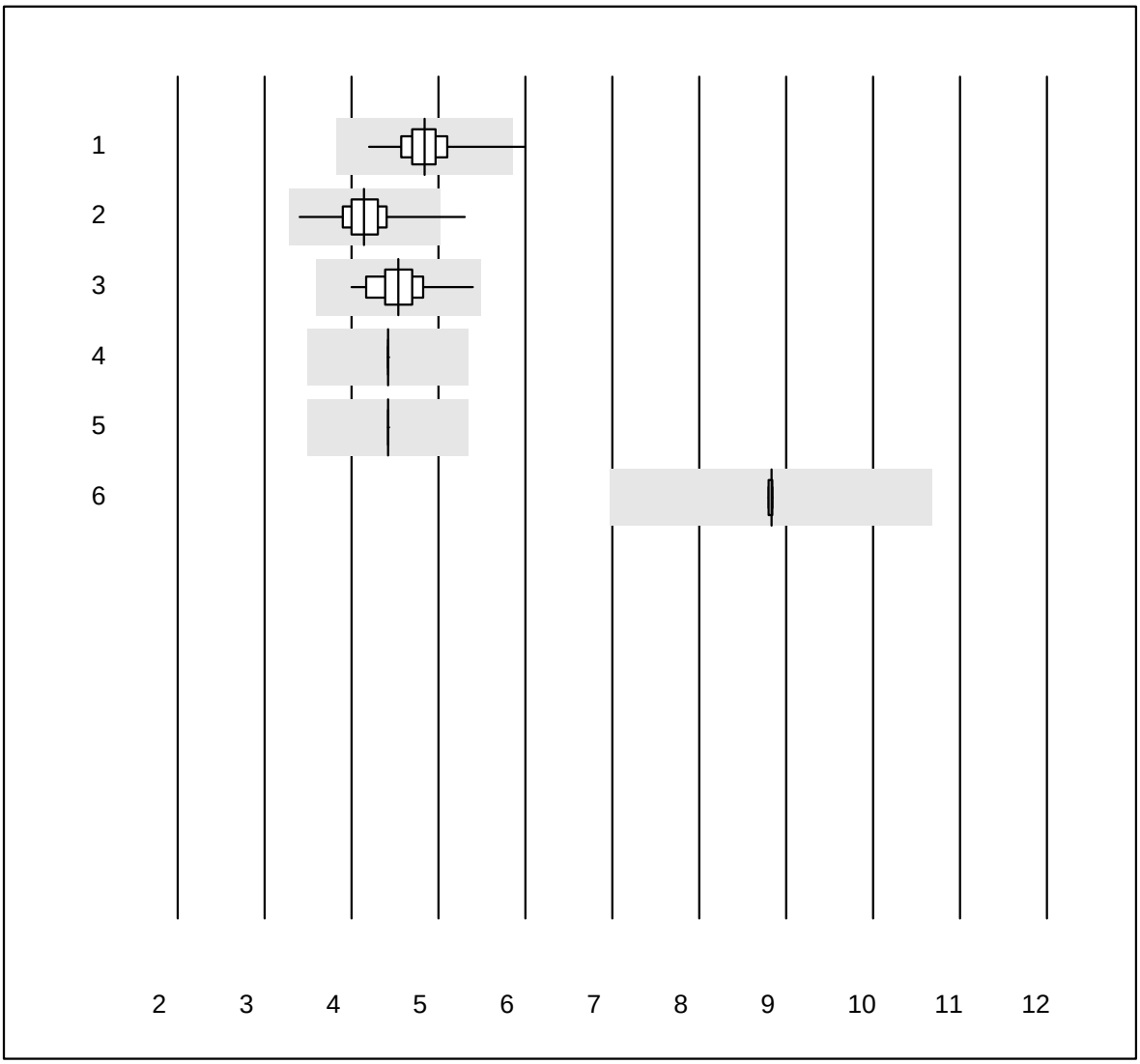


QUALAB Toleranz : 24 %

Albumin Urin (mg/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Aution	4	100.0	0.0	0.0	30.0	0.0	a
2	AFIAS	10	90.0	0.0	10.0	97.0	3.3	e
3	Afinion	439	93.4	2.5	4.1	91.9	10.4	e
4	Sysmex U	18	55.6	0.0	44.4	80.0	0.0	e
5	Turbidimetrie	29	100.0	0.0	0.0	94.2	6.2	e
6	DCA2000/Vantage	147	97.9	0.7	1.4	94.0	6.6	e
7	Siemens Clinitek	16	87.5	0.0	12.5	80.0	0.0	a

Creatinin Urin



QUALAB Toleranz : 21 %

Creatinin Urin (mmol/l)

Nr.	Methode	Total	% OK	% ungen.	% Ausr	Zielwert	VK%	Typ
1	DCA2000/Vantage	146	96.6	0.7	2.7	4.8	5.1	e
2	Afinion	439	97.7	0.2	2.1	4.1	5.6	e
3	nasschemisch	40	100.0	0.0	0.0	4.5	6.3	e
4	Sysmex U	15	60.0	0.0	40.0	4.4	0.0	a
5	Aution	5	20.0	0.0	80.0	4.4	0.0	a
6	Siemens Clinitek	16	50.0	0.0	50.0	8.8	0.2	e