Verein für
Association pour le
Associazione per il

medizinische Qualitätskontrolle
contrôle de qualité médical
controllo di qualità medico

Rapporto del controllo circolare

2019 - 4

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Campioni

Prima e durante la spedizione sono state controllate l'omogeneità e la stabilità di tutti i campioni e non sono state riscontrate irregolarità. I test sono stati condotti nei laboratori dell'ospedale universitario di Zurigo (http://www.uzl.usz.ch/).
I seguenti campioni sono stati prodotti appositamente per MQ in subappalto:
B1 Strep A Test, B2 Uricult, H4 Ematologia parassitaria, K14 Marker tumorale.

Determinazione dei valori assegnati

Per ogni valore assegnato è indicato il tipo di procedura secondo ISO17043:2010, B2.1 (colonna "tipo"):

a) Valori noti, derivati dalla formulazione del materiale
b) Valori di riferimento certificati per campioni particolari
c) Valori di riferimento, determinati da analisi
d) Valori di consenso da laboratori partecipanti esperti
e) Valori di consenso dai partecipanti

In gruppi con più di 9 partecipanti i valori assegnati vengono in genere determinati con il valore di consenso ("e"). Per la determinazione del valore bersaglio viene utilizzato il valore medio del collettivo di quel metodo. I valori con una deviazione rispetto al valore teorico superiore a 1.5 volte la tolleranza Qualab vengono considerati outlier ed eliminati dal calcolo del valore bersaglio. Come valore di partenza per l'eliminazione degli outlier si utilizzano i risultati degli esami di idoneità.
Per garantire a tutti i partecipanti valori assegnati rappresentativi, in gruppi più piccoli possono essere adottate anche altre procedure.

Incertezza dei valori assegnati

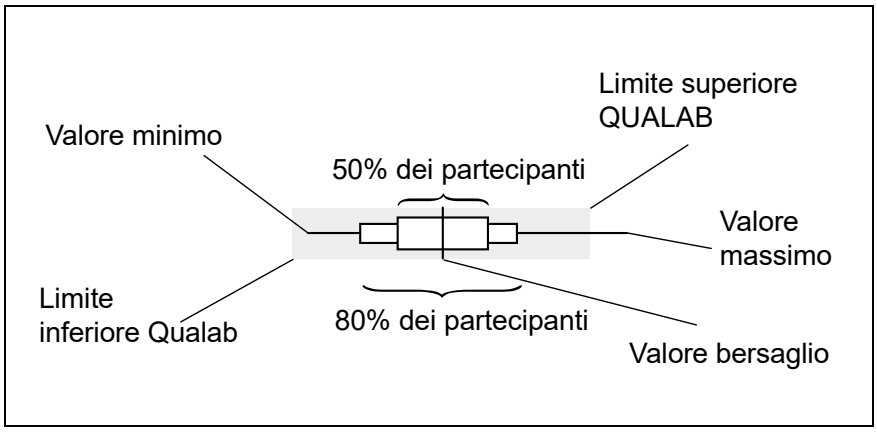
L'incertezza standard (ux) viene calcolata con la seguente formula (ISO13528):
ux = (valore assegnato/100) * 1.25/ radice quadrata del numero di partecipanti) * coeff. variazione (CV)%
ux ha la stessa unità di misura del valore assegnato
ux è paragonabile alla deviazione standard (SD) del collettivo dei partecipanti (SD: valore assegnato* CV%/100)
Se i numero dei partecipanti è superiore a 18, l'incertezza standard è molto inferiore alla variabilità' del collettivo e può essere ignorata

Tolleranze QUALAB e MQ

Per le analisi obbligatorie vengono utilizzate le tolleranze Qualab (www.qualab.ch, externe Qualitätskontrolle). Per le analisi non obbligatorie le tolleranze vengono definite dal direttore dei controlli circolari MQ.
Se l'incertezza calcolata ux del valore assegnato è superiore al 15% della tolleranza QUALAB o MQ, appare un asterisco accanto alla lettera che descrive la procedura di calcolo del valore assegnato (per esempio "e*"), per avvisare il partecipante che l'incertezza del valore assegnato può avere un'influenza sull'esito del controllo.

Rappresentazioni grafiche

I risultati sono rappresentati graficamente come segue:



Confronto degli strumenti

I dati in questa parte del rapporto consentono di paragonare l'efficienza dei vari strumenti. Non vanno però dimenticati i seguenti dettagli:

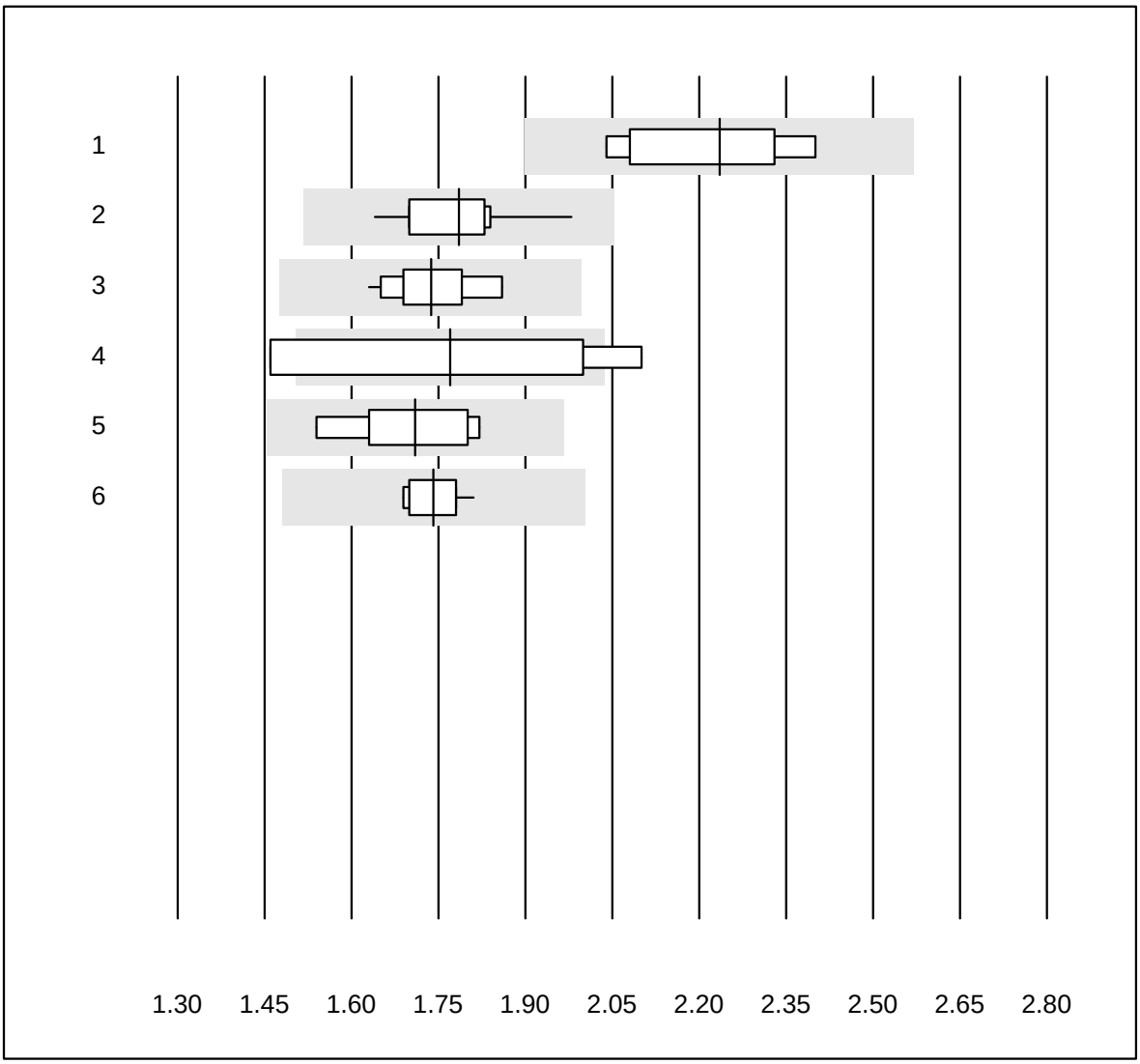
- Il campione di controllo K1 è un siero di controllo commerciale pronto per l'uso. Nonostante il campione sia di origine umana, non si può escludere l'insorgenza di effetti di matrice. Questi dipendono dallo strumento e portano a valori assegnati differenti.
- E' stato analizzato solo un campione. Poiché la distribuzione dei risultati dipende dalla natura del campione (effetto matrice) e dal valore stesso, i coefficienti di variazione determinati (in %) non hanno una validità generale.
- Gran parte dei valori anomali deriva da errori amministrativi (unità di misura sbagliata, scambio dei risultati) o da errori di manualità (campione sbagliato, non correttamente disciolto, non abbastanza mescolato) e non ha a che fare con lo strumento.

Zurigo, 10.12.2019

Dr. R. Fried
Direttore controlli circolari

Non è permesso pubblicare questo rapporto o alcuna sua parte senza il permesso scritto della nostra associazione. L'originale si trova nell'archivio su www.mqzh.ch

Quick OA

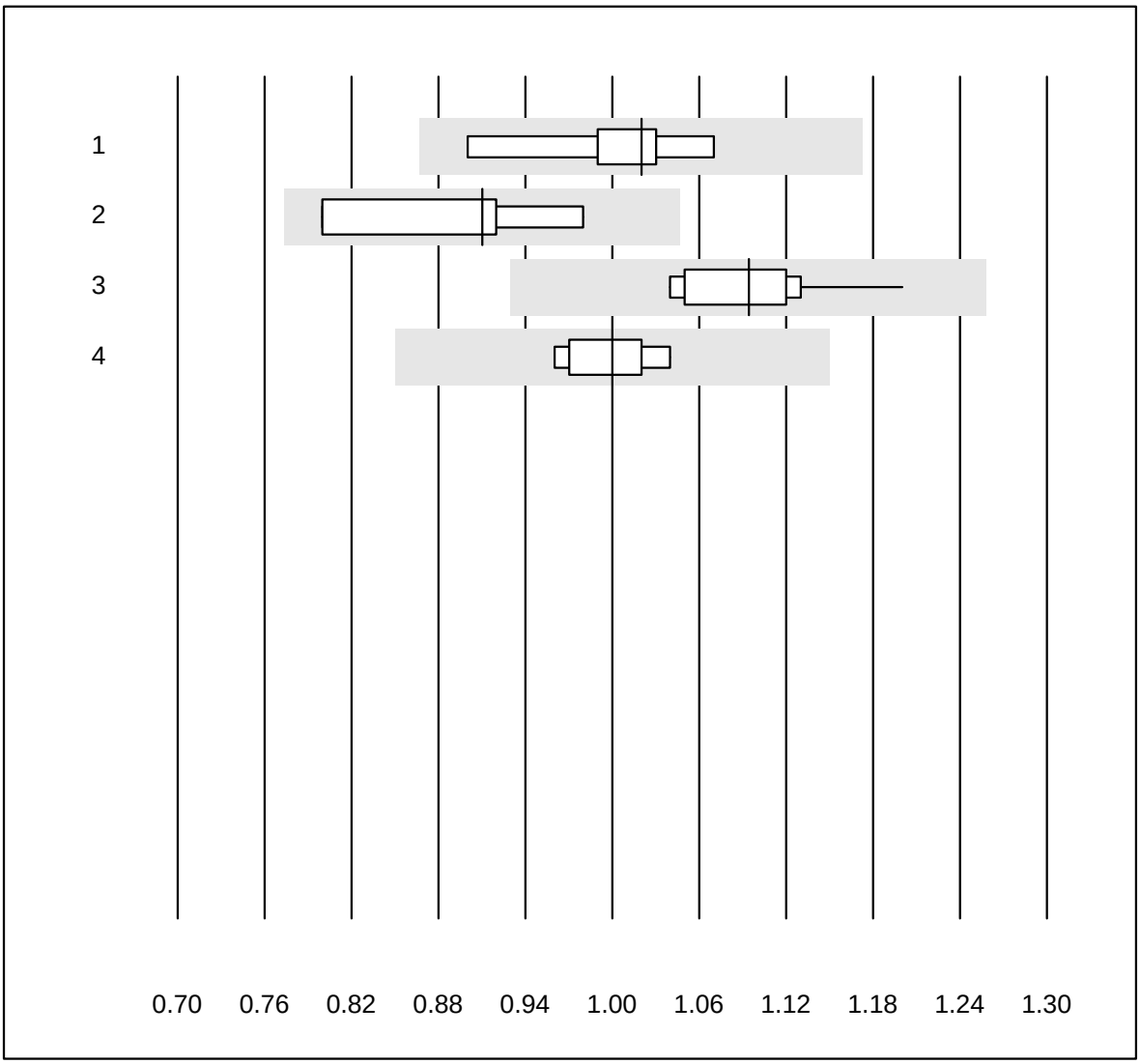


QUALAB Toleranz : 15 %

Quick OA ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Neoplastin Plus	6	100.0	0.0	0.0	2.24	6.5	e*
2	Innovin	14	100.0	0.0	0.0	1.79	4.7	e
3	Recombiplastin 2G	13	100.0	0.0	0.0	1.74	4.3	e
4	Eurolyser	4	50.0	50.0	0.0	1.77	18.1	e*
5	altro	7	85.7	0.0	14.3	1.71	6.4	e*
6	Neoplastin R	10	100.0	0.0	0.0	1.74	2.4	e

Fibrinogeno OA

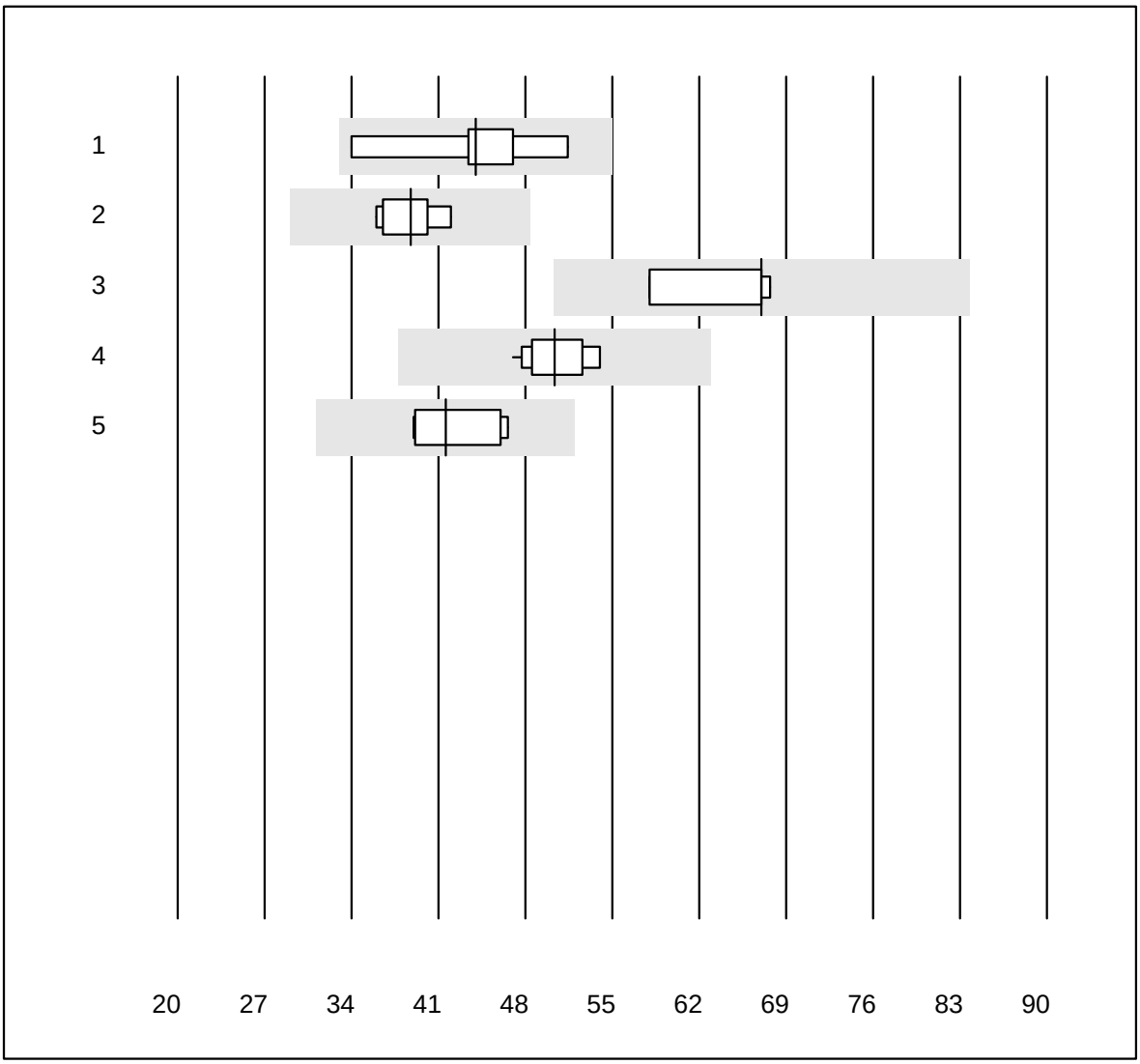


QUALAB Toleranz : 15 %

Fibrinogeno OA (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	altro	6	83.3	0.0	16.7	1.02	6.3	e*
2	Siemens Thrombin	4	100.0	0.0	0.0	0.91	8.3	e*
3	Stago/STA	12	100.0	0.0	0.0	1.09	4.2	e
4	Fibrinogen Q.F.A.	5	100.0	0.0	0.0	1.00	3.4	e

aPTT OA

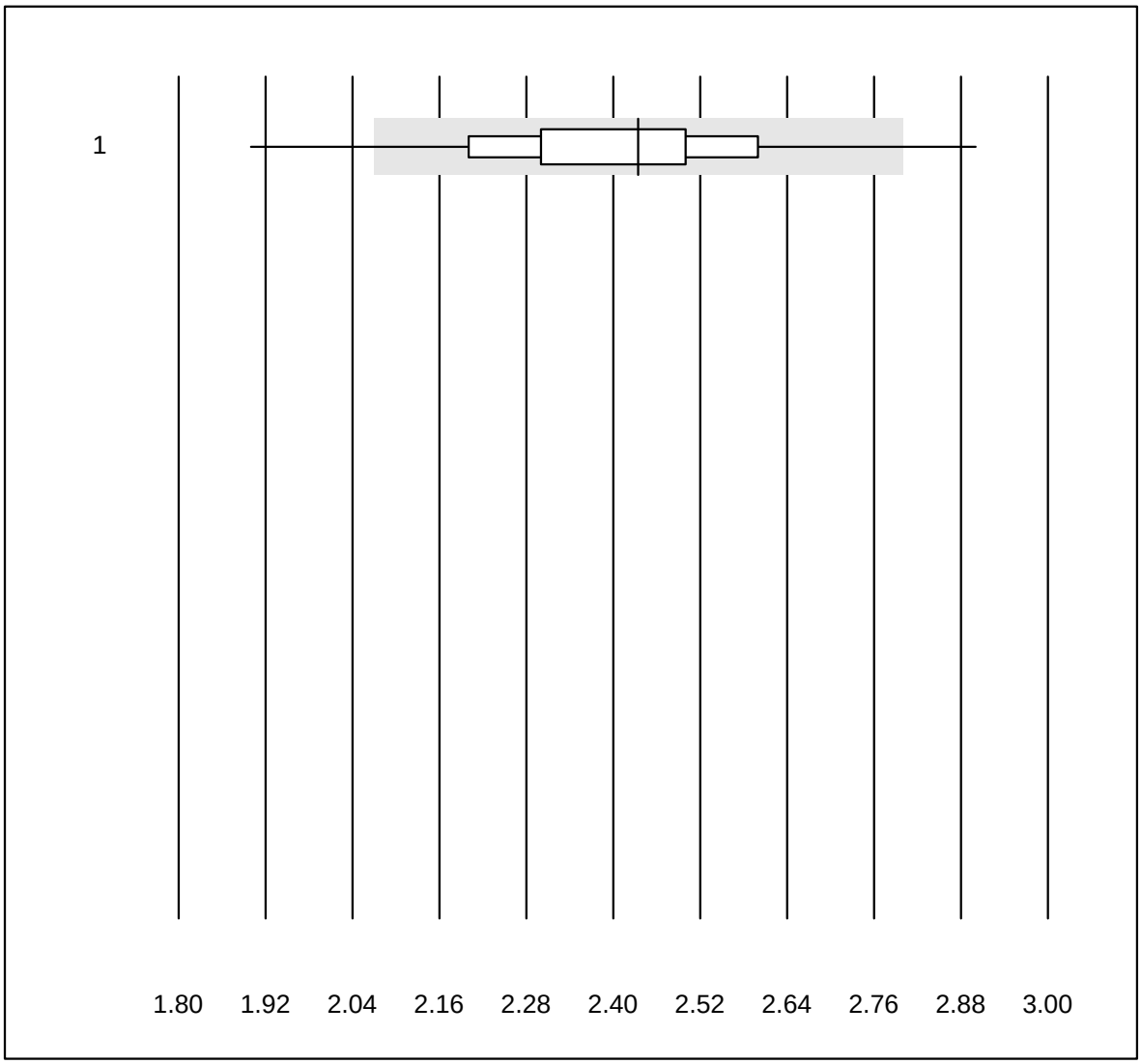


QUALAB Toleranz : 25 %

aPTT OA (Sek)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	altro	7	100.0	0.0	0.0	44.0	11.9	e*
2	Actin FS	8	100.0	0.0	0.0	38.8	5.4	e
3	Pathromtin SL	4	100.0	0.0	0.0	67.0	7.1	e*
4	Stago/STA	12	100.0	0.0	0.0	50.4	5.0	e
5	aPTT-SP	7	100.0	0.0	0.0	41.6	7.2	e

INR CoaguChek

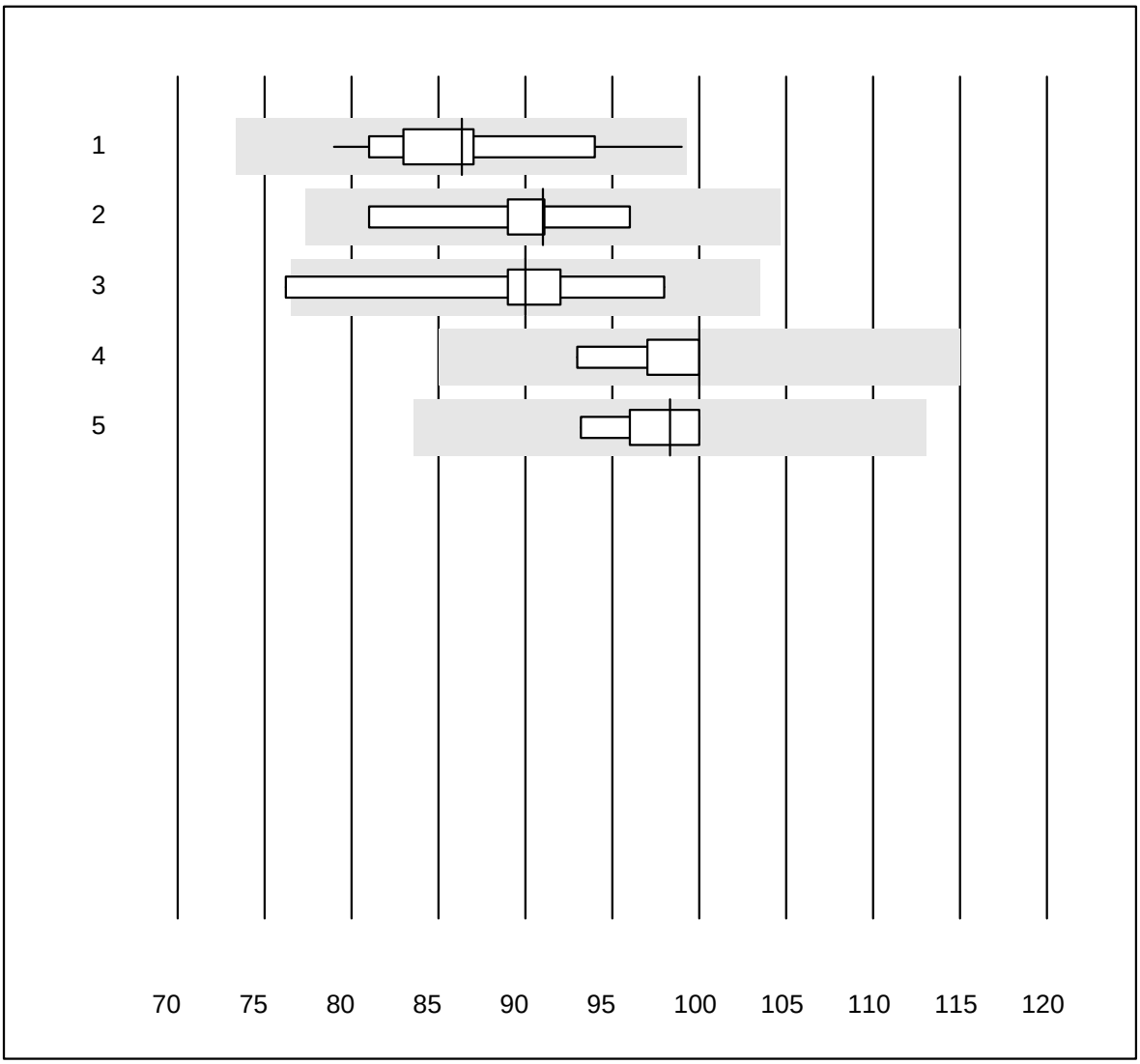


QUALAB Toleranz : 15 %

INR CoaguChek ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CoaguChek Pro II	490	98.6	1.0	0.4	2.4	6.1	e

Quick N

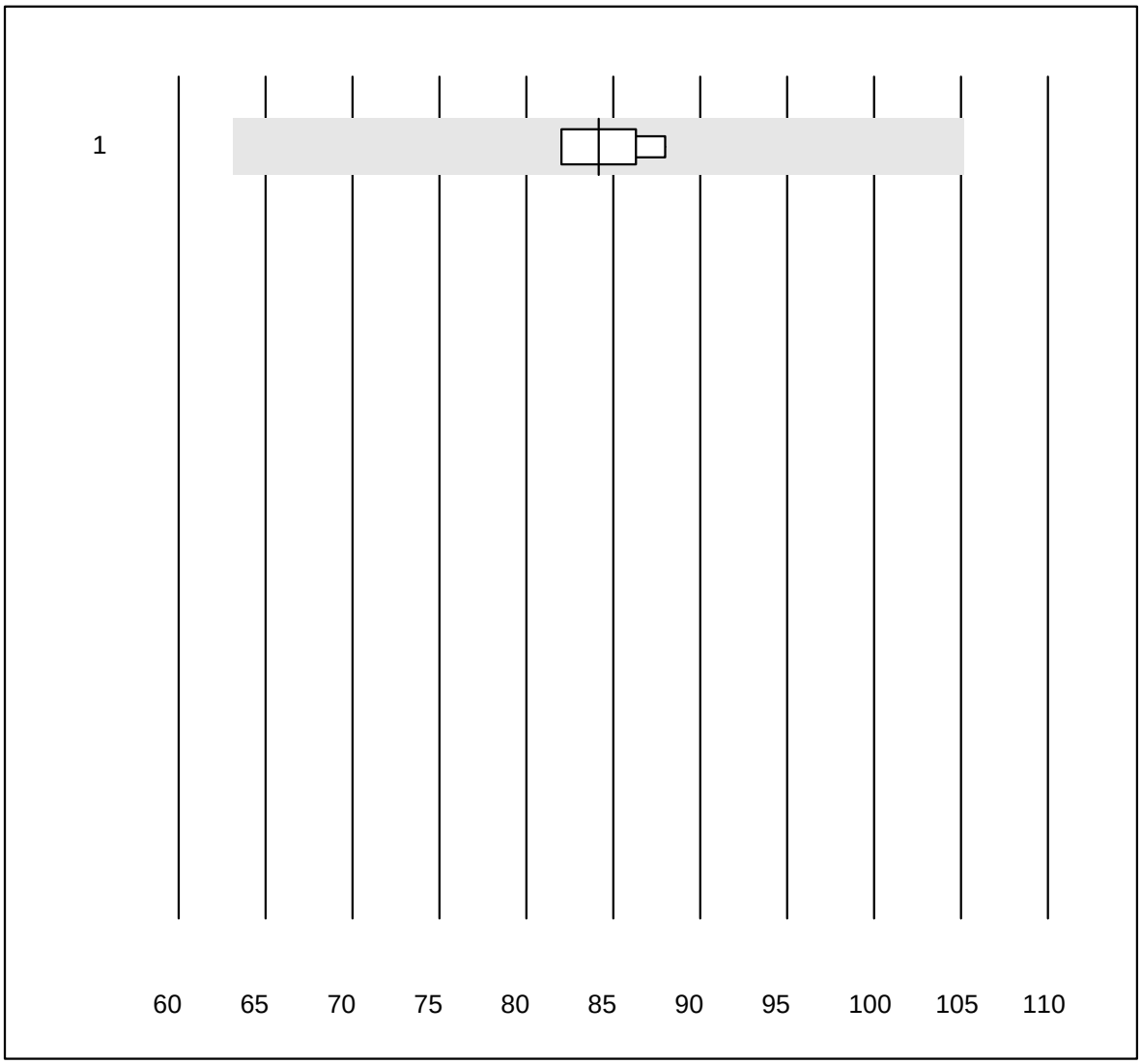


QUALAB Toleranz : 15 %

Quick N (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Neoplastin R	13	100.0	0.0	0.0	86	6.2	e
2	Neoplastin Plus	7	100.0	0.0	0.0	91	5.0	e*
3	Innovin	9	88.9	11.1	0.0	90	7.8	e*
4	tutti	7	100.0	0.0	0.0	100	2.7	e
5	Recombiplastin 2G	10	100.0	0.0	0.0	98	2.6	e

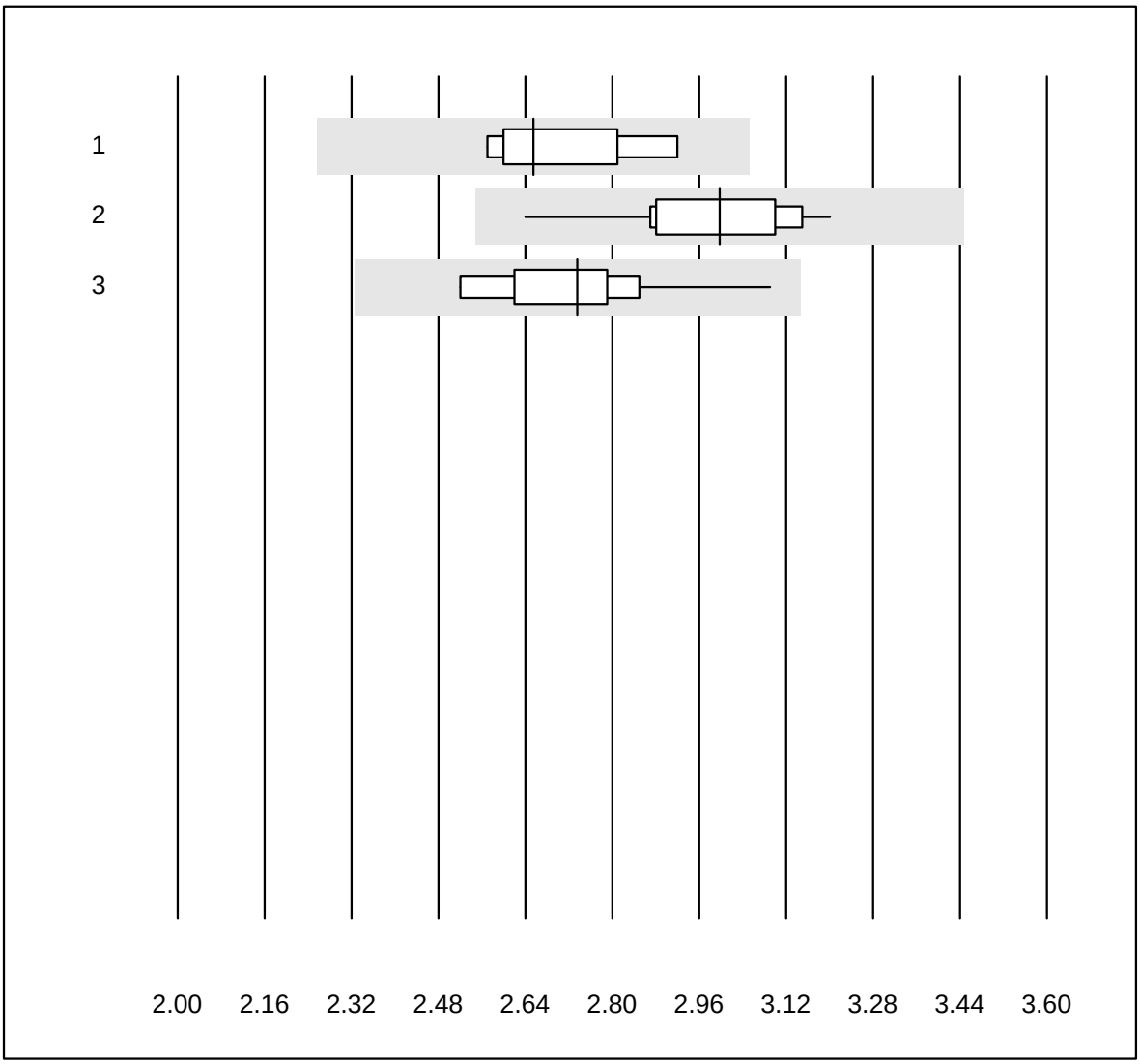
Faktor II



Tolleranza MQ : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	84.2	3.6	e

Fibrinogeno N

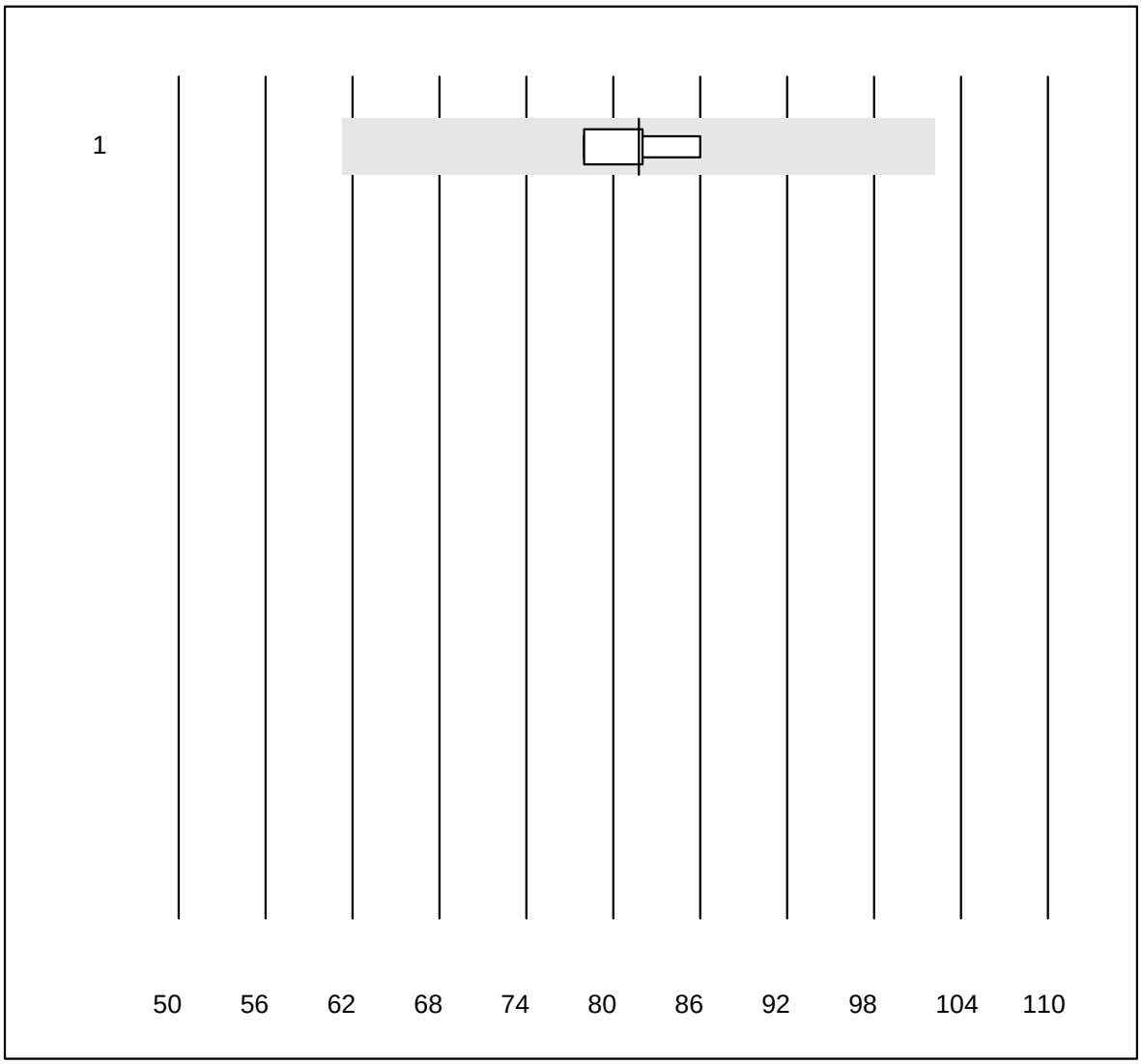


QUALAB Toleranz : 15 %

Fibrinogeno N (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Siemens Thrombin	6	100.0	0.0	0.0	2.66	5.1	e*
2	Stago/STA	16	93.7	0.0	6.3	3.00	4.7	e
3	Fibrinogen Q.F.A.	10	100.0	0.0	0.0	2.74	5.7	e*

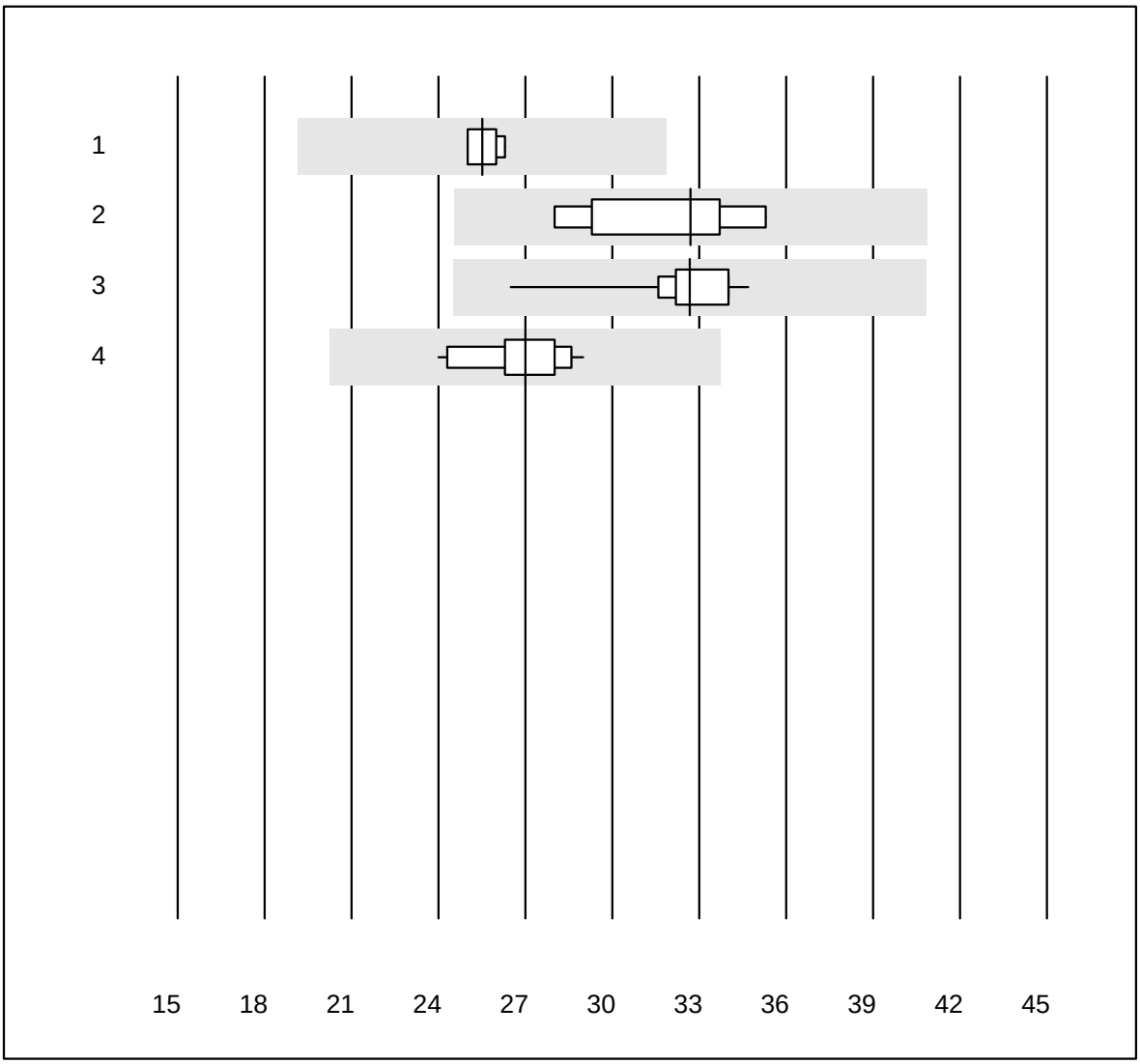
Faktor V



Tolleranza MQ : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	81.8	4.0	e

aPTT N

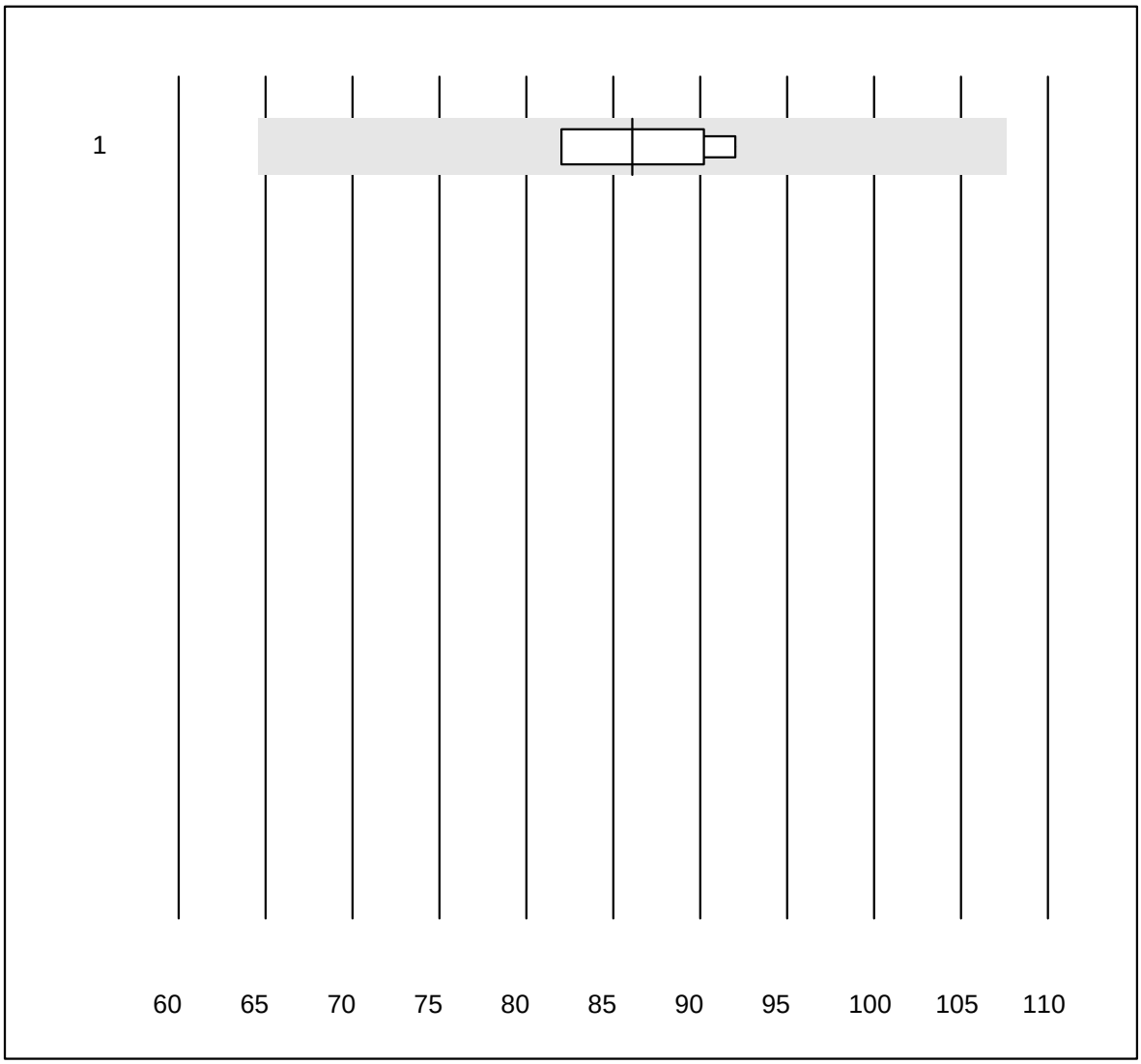


QUALAB Toleranz : 25 %

aPTT N (Sek)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Actin FS	4	100.0	0.0	0.0	25.5	2.6	e
2	altro	8	100.0	0.0	0.0	32.7	7.6	e
3	Stago/STA	14	100.0	0.0	0.0	32.7	6.1	e
4	aPTT-SP	13	100.0	0.0	0.0	27.0	6.1	e

Faktor VII

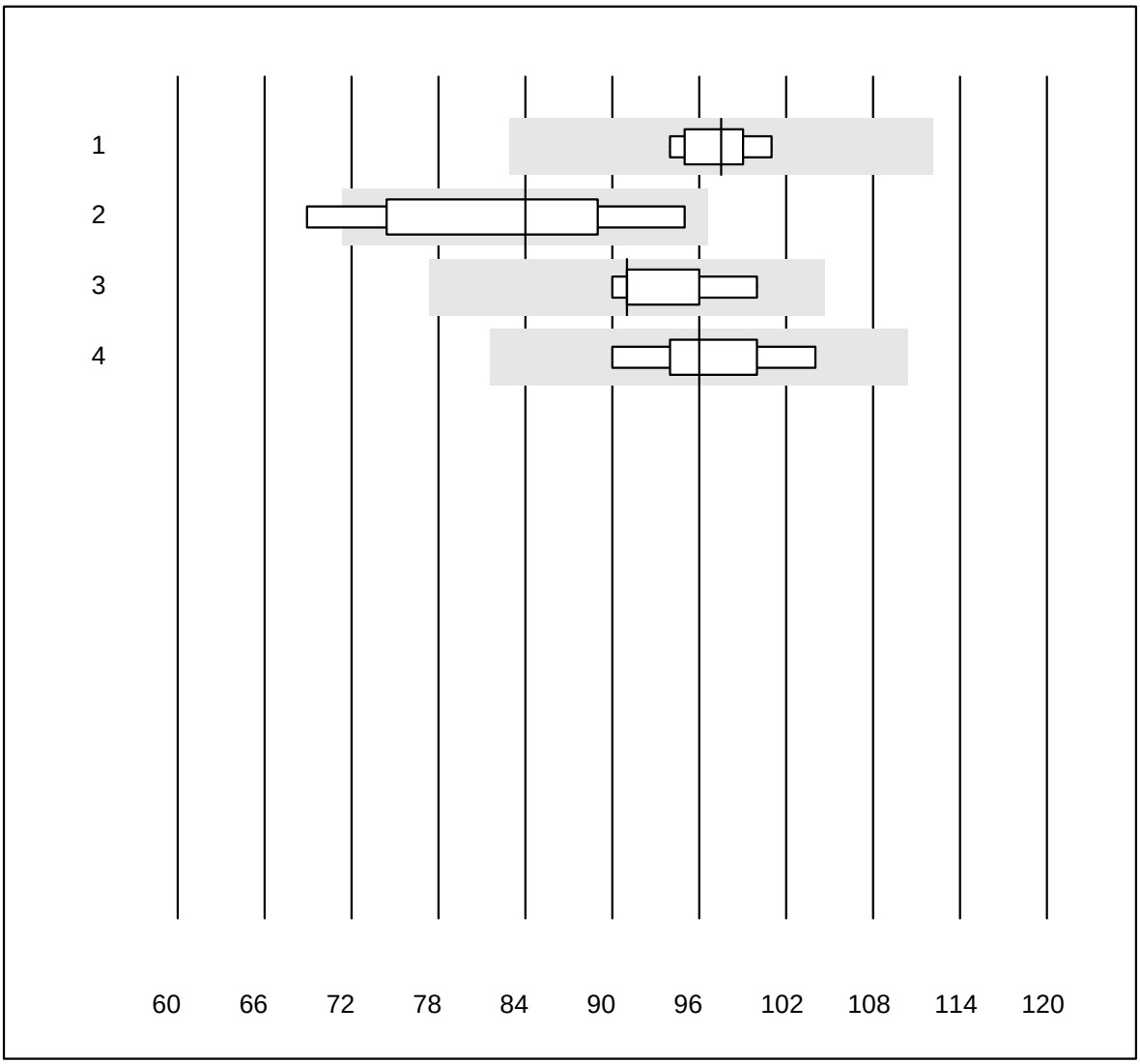


Tolleranza MQ : 25 %

Faktor VII (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	86.1	6.1	e*

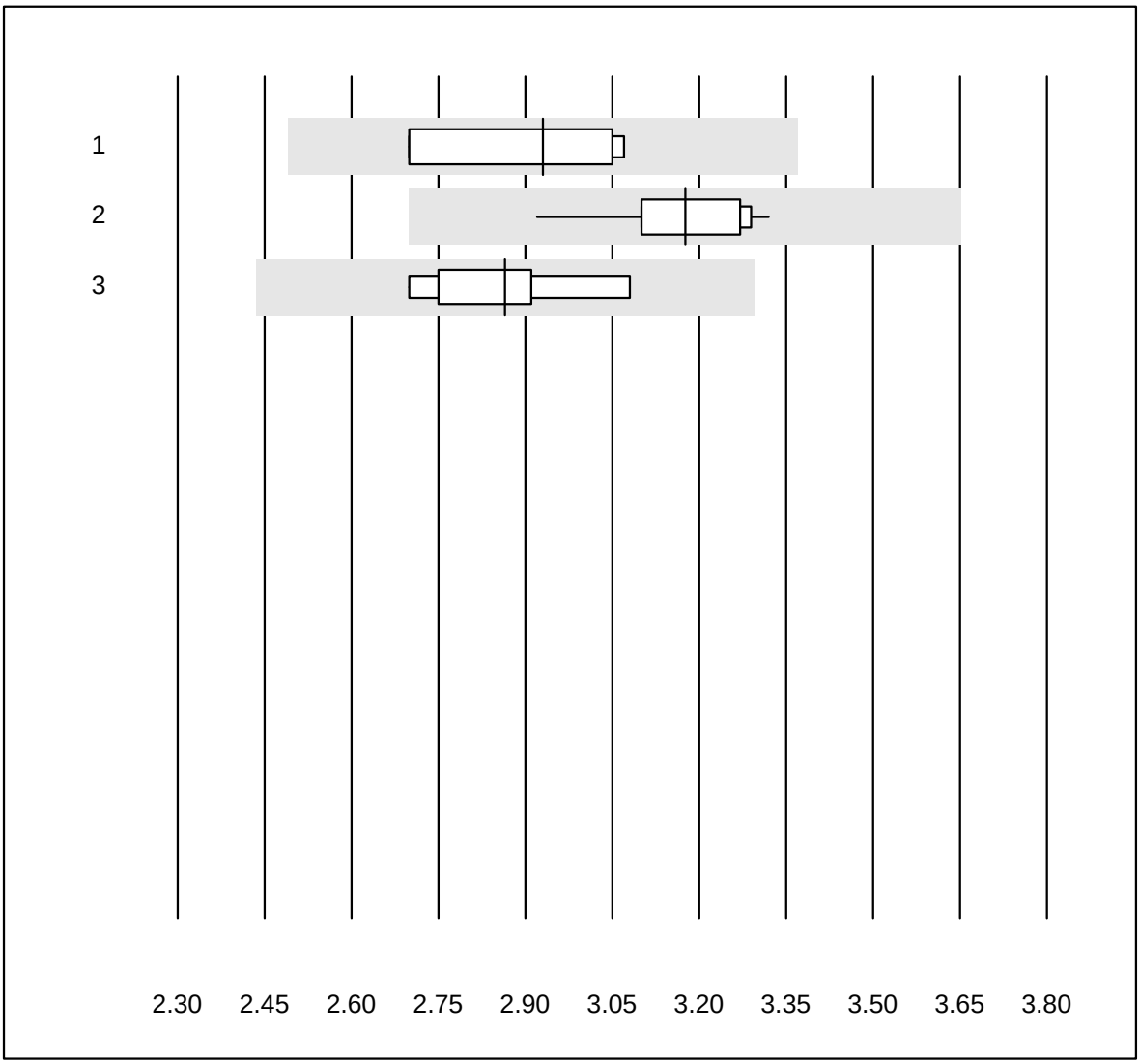
Quick H



QUALAB Toleranz : 15 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Neoplastin R	8	100.0	0.0	0.0	98	2.5	e
2	Innovin	6	83.3	16.7	0.0	84	11.6	e*
3	tutti	7	100.0	0.0	0.0	91	3.9	e
4	Recombiplastin 2G	6	100.0	0.0	0.0	96	5.1	e*

Fibrinogeno H

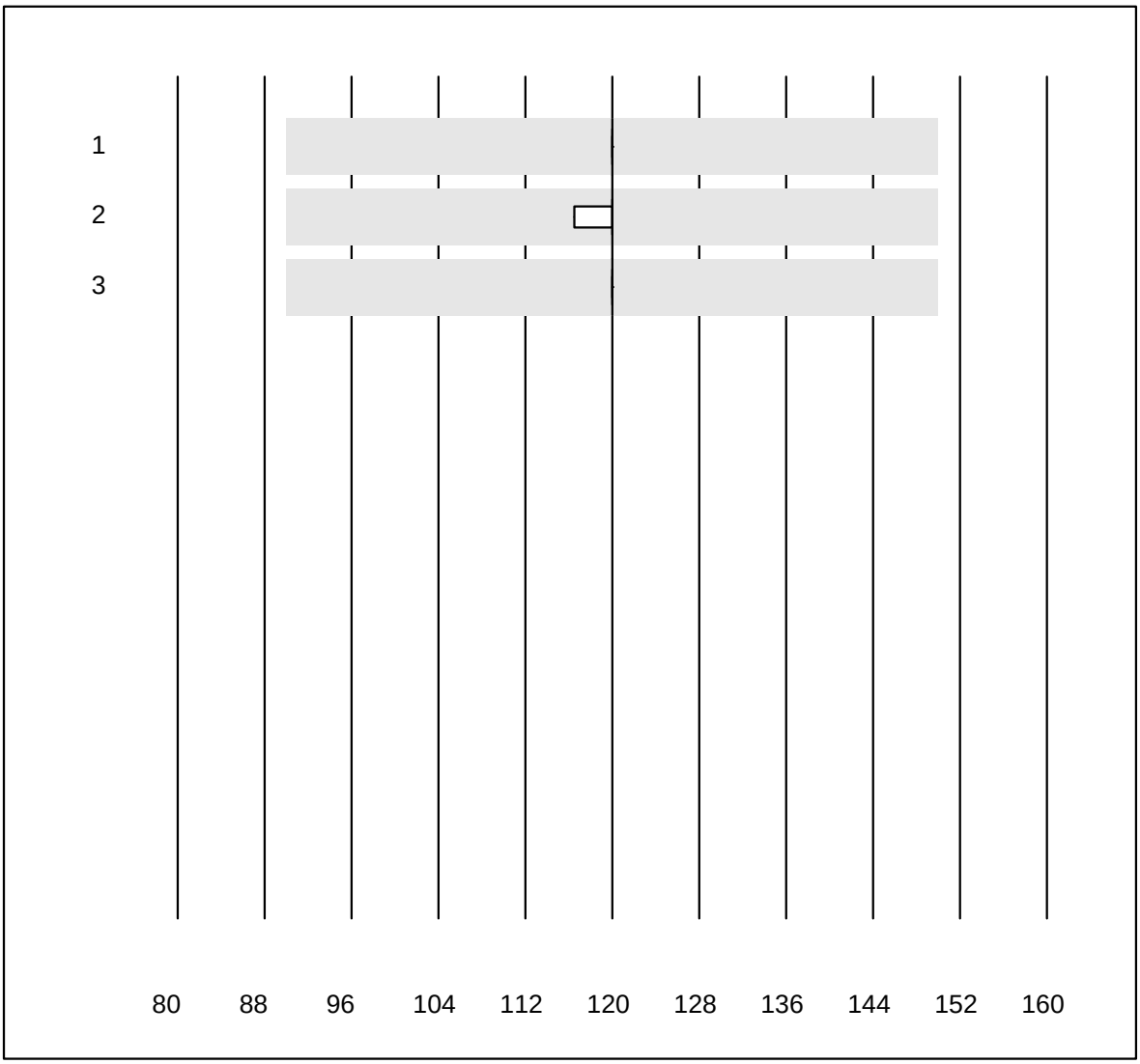


QUALAB Toleranz : 15 %

Fibrinogeno H (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Siemens Thrombin	4	100.0	0.0	0.0	2.93	6.3	e*
2	Stago/STA	11	100.0	0.0	0.0	3.18	3.6	e
3	Fibrinogen Q.F.A.	8	100.0	0.0	0.0	2.87	4.4	e

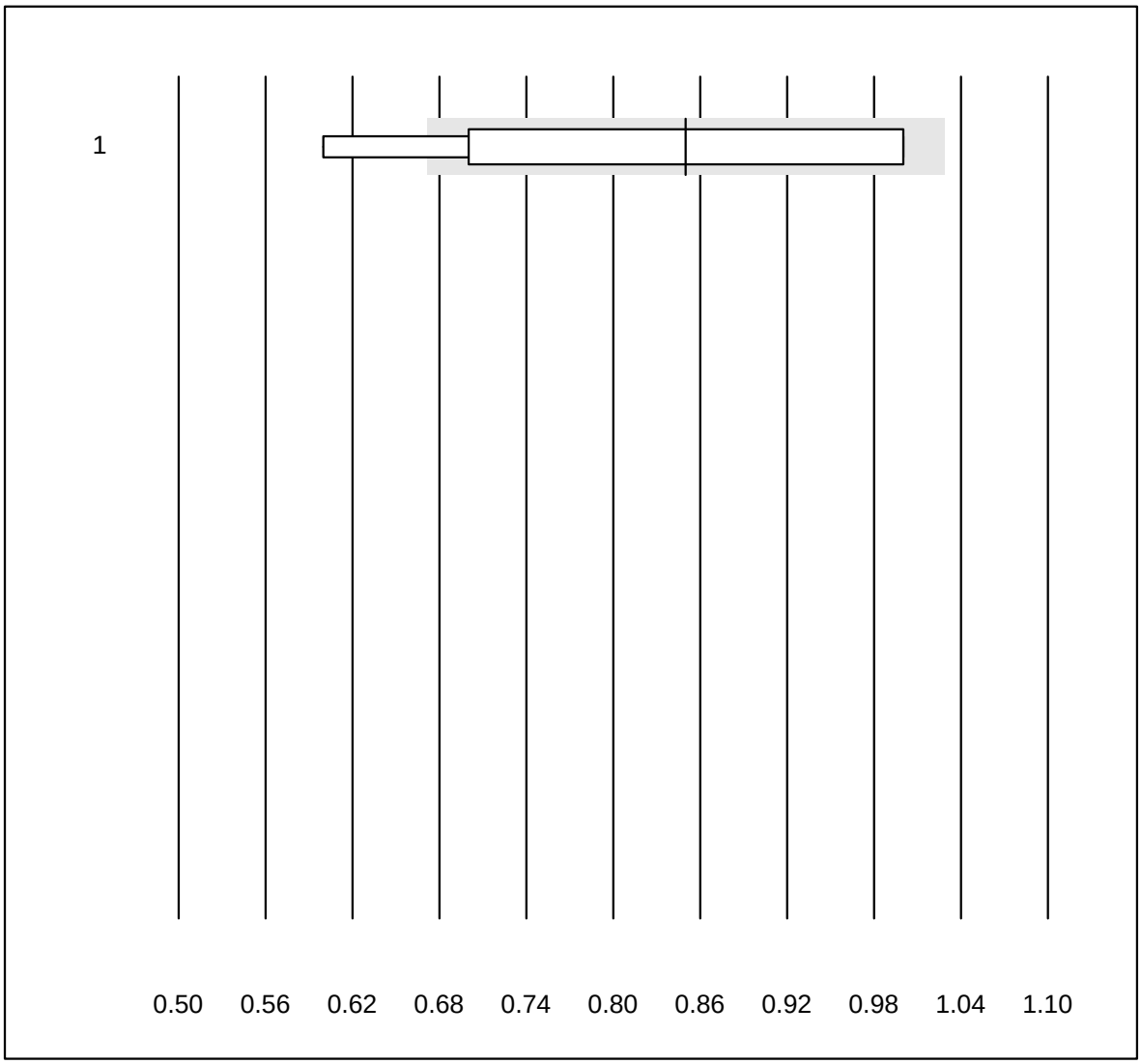
aPTT H



QUALAB Toleranz : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Actin FS	5	100.0	0.0	0.0	120.0	0.0	e
2	Stago/STA	7	100.0	0.0	0.0	120.0	1.1	e
3	aPTT-SP	6	100.0	0.0	0.0	120.0	0.0	e

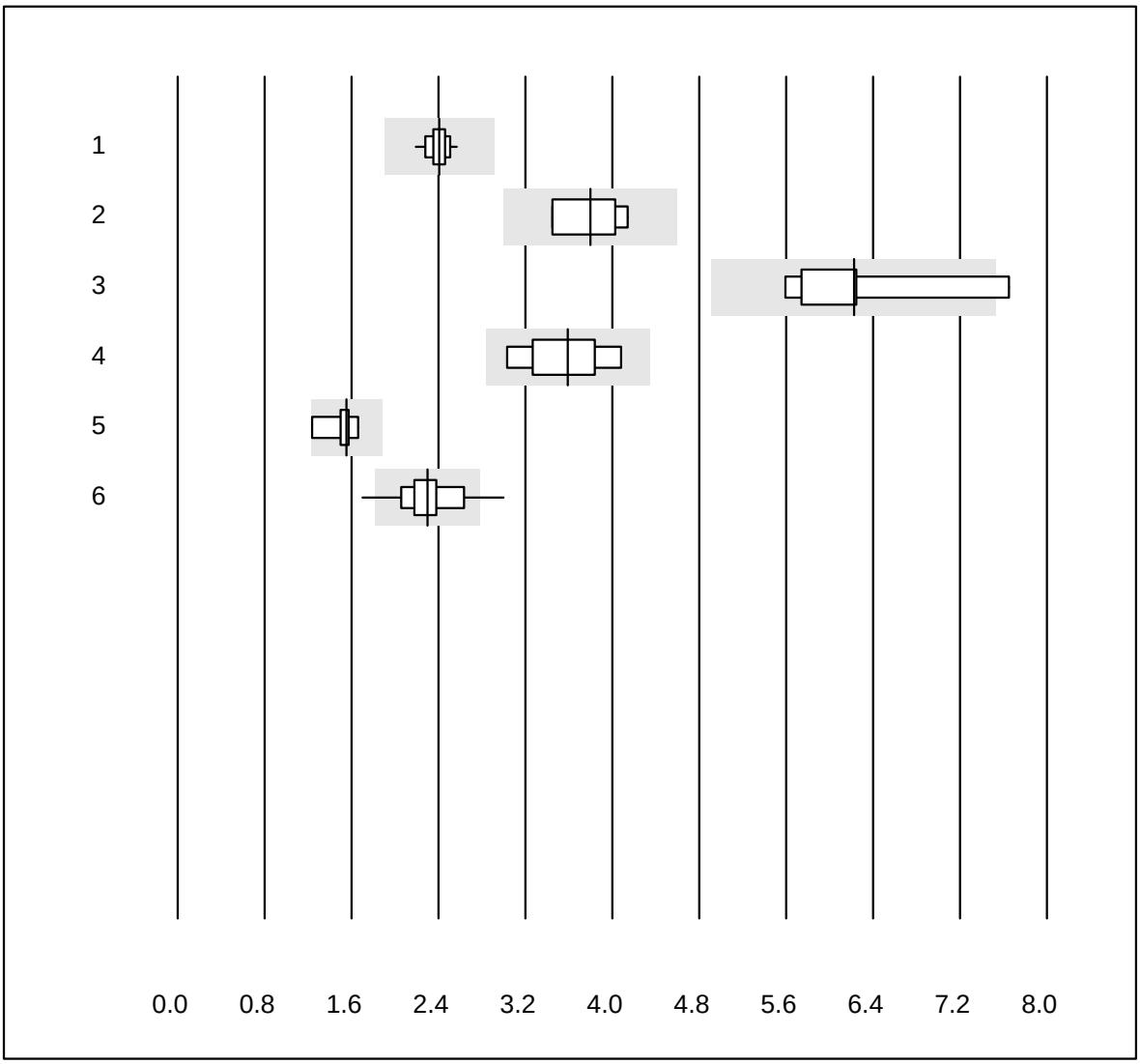
D-Dimeri NC



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	NycoCard	8	75.0	12.5	12.5	0.85	19.3	e*

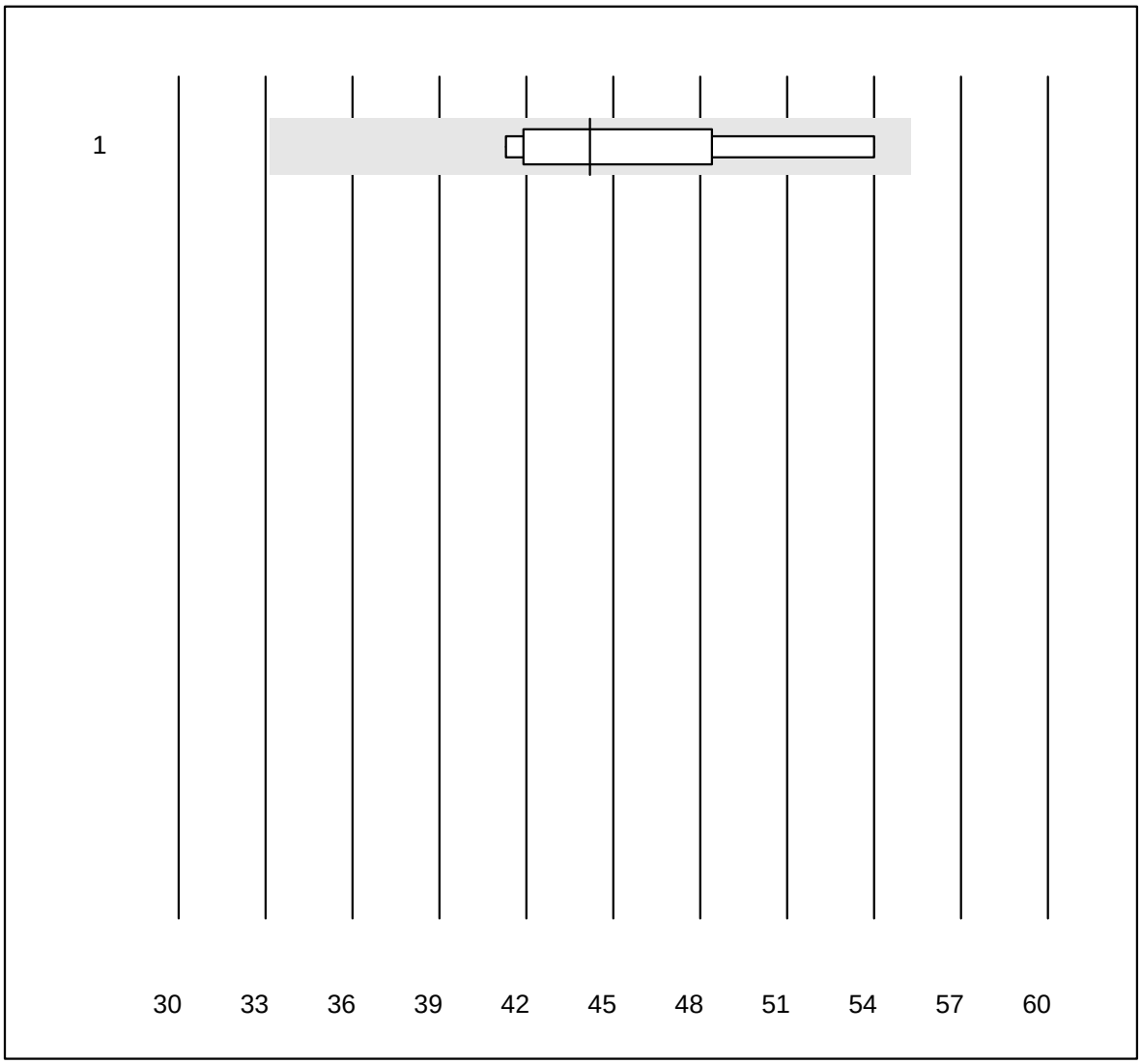
D-Dimeri



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	STA Liatest	12	100.0	0.0	0.0	2.41	4.3	e
2	Siemens Innovance	6	100.0	0.0	0.0	3.80	7.6	e*
3	Eurolyser	10	80.0	10.0	10.0	6.22	12.1	e*
4	ACL	7	100.0	0.0	0.0	3.59	9.8	e*
5	AQT 90 FLEX	8	100.0	0.0	0.0	1.56	8.2	e*
6	VIDAS	18	88.9	11.1	0.0	2.30	11.4	e*

CoaguChek APTT

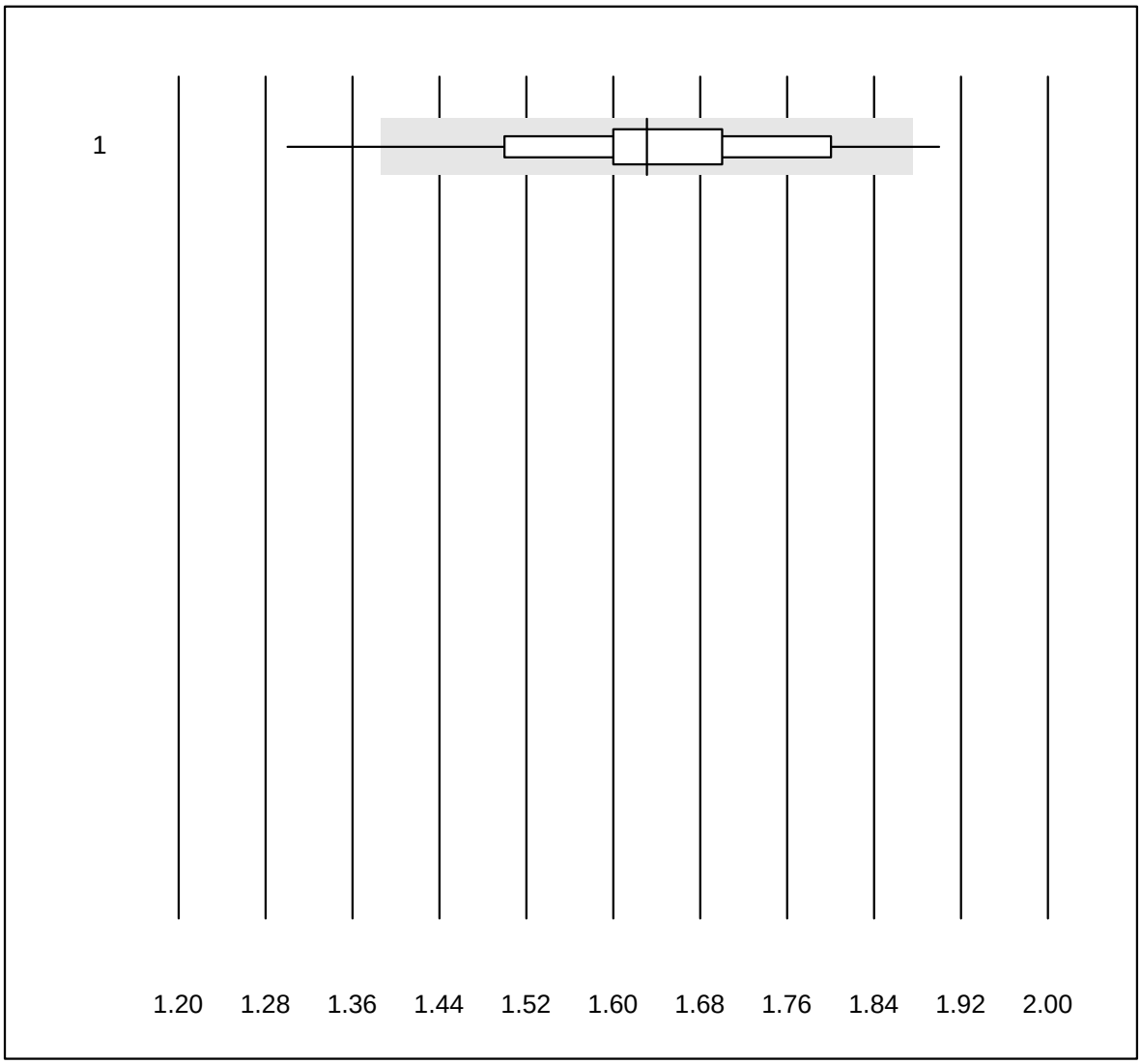


QUALAB Toleranz : 25 %

CoaguChek APTT (Sek)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CoaguChek Pro II	8	87.5	0.0	12.5	44.2	9.9	e*

INR CCXS

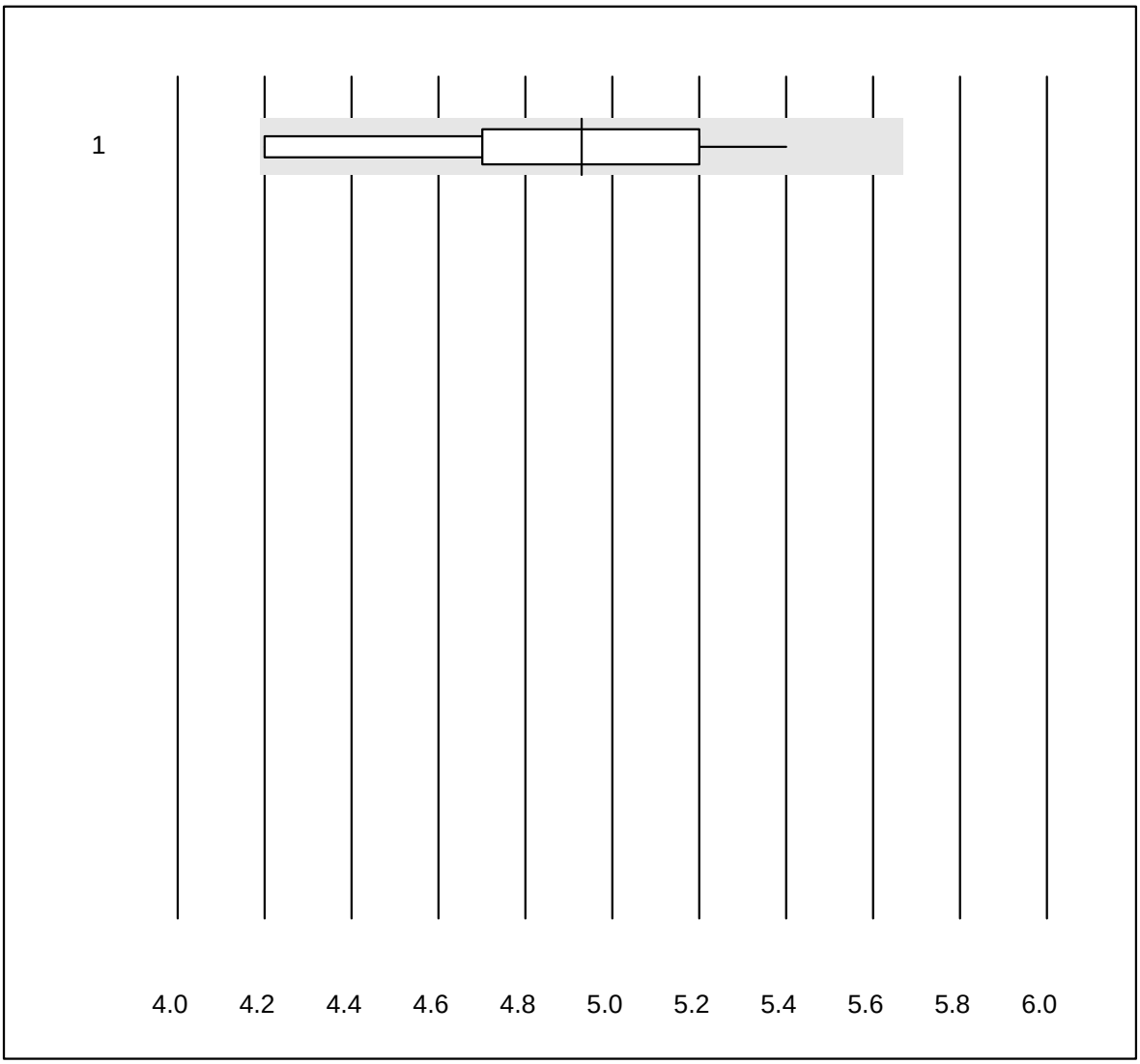


QUALAB Toleranz : 15 %

INR CCXS ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CoaguChek XS	1887	95.2	2.1	2.7	1.6	7.2	e

INR HC

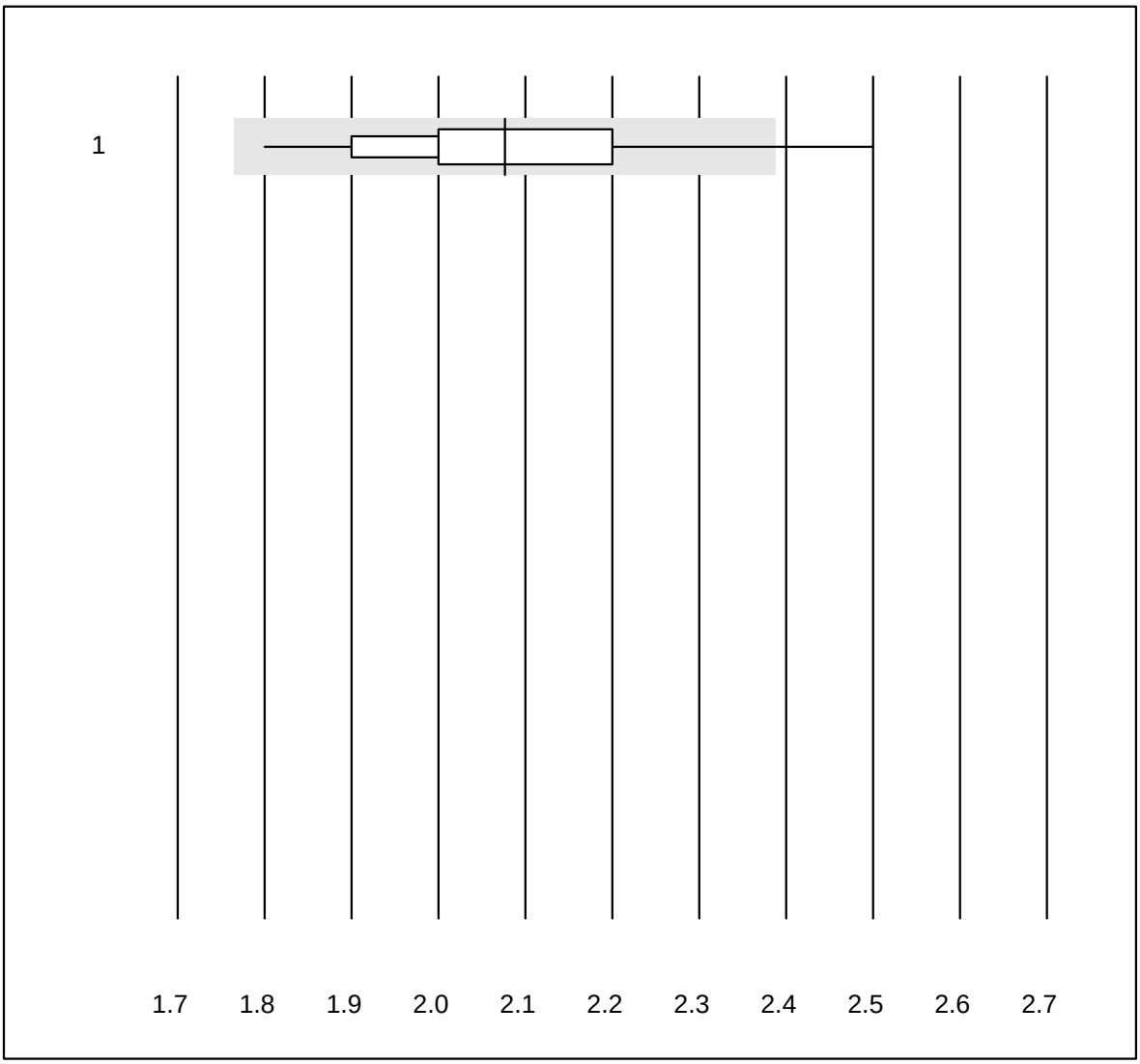


QUALAB Toleranz : 15 %

INR HC ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Hemochron j.	11	90.9	0.0	9.1	4.9	8.0	e*

INR MI

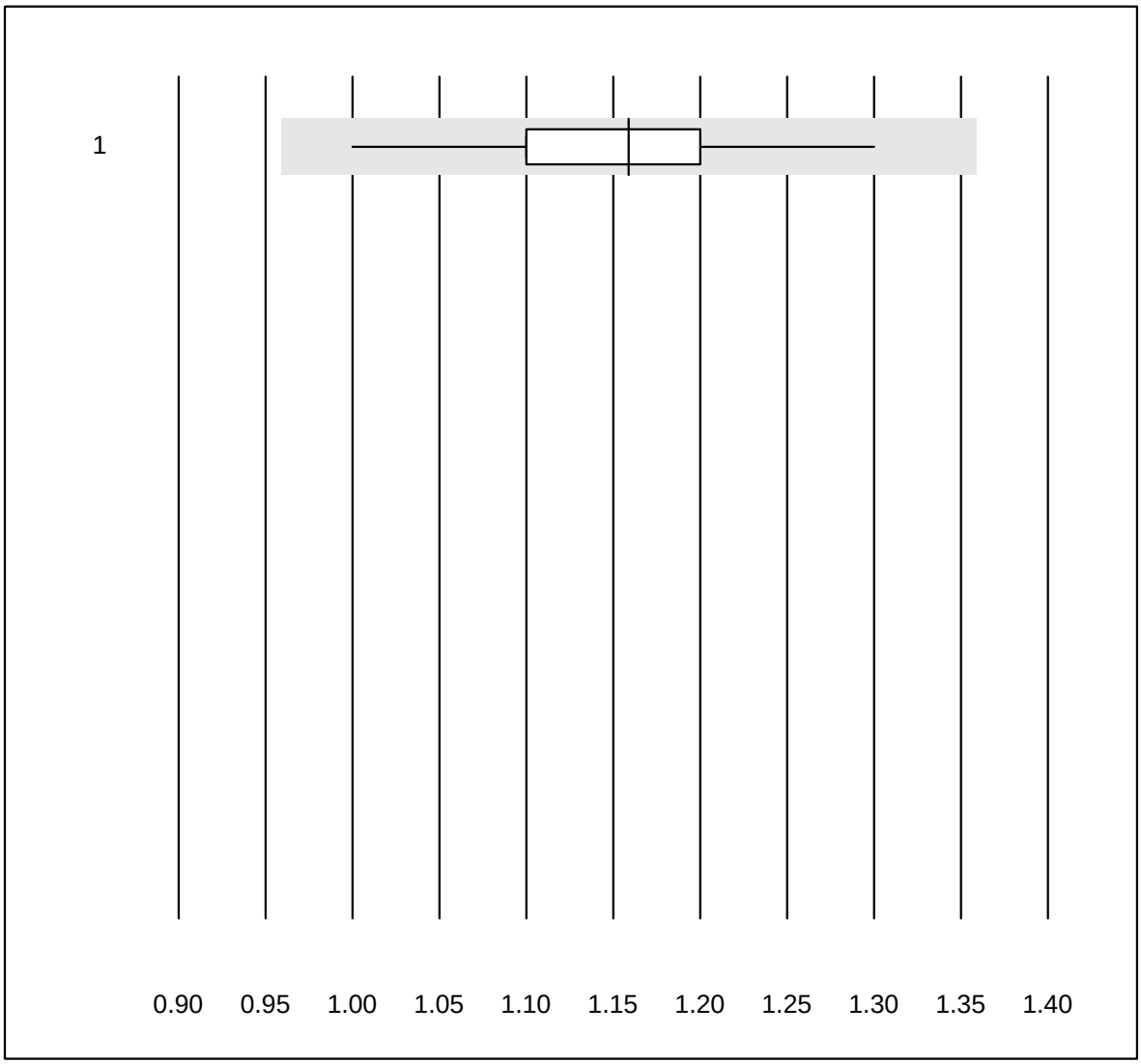


QUALAB Toleranz : 15 %

INR MI ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	MicroINR	122	86.9	0.8	12.3	2.1	6.3	e

INR Xprecia

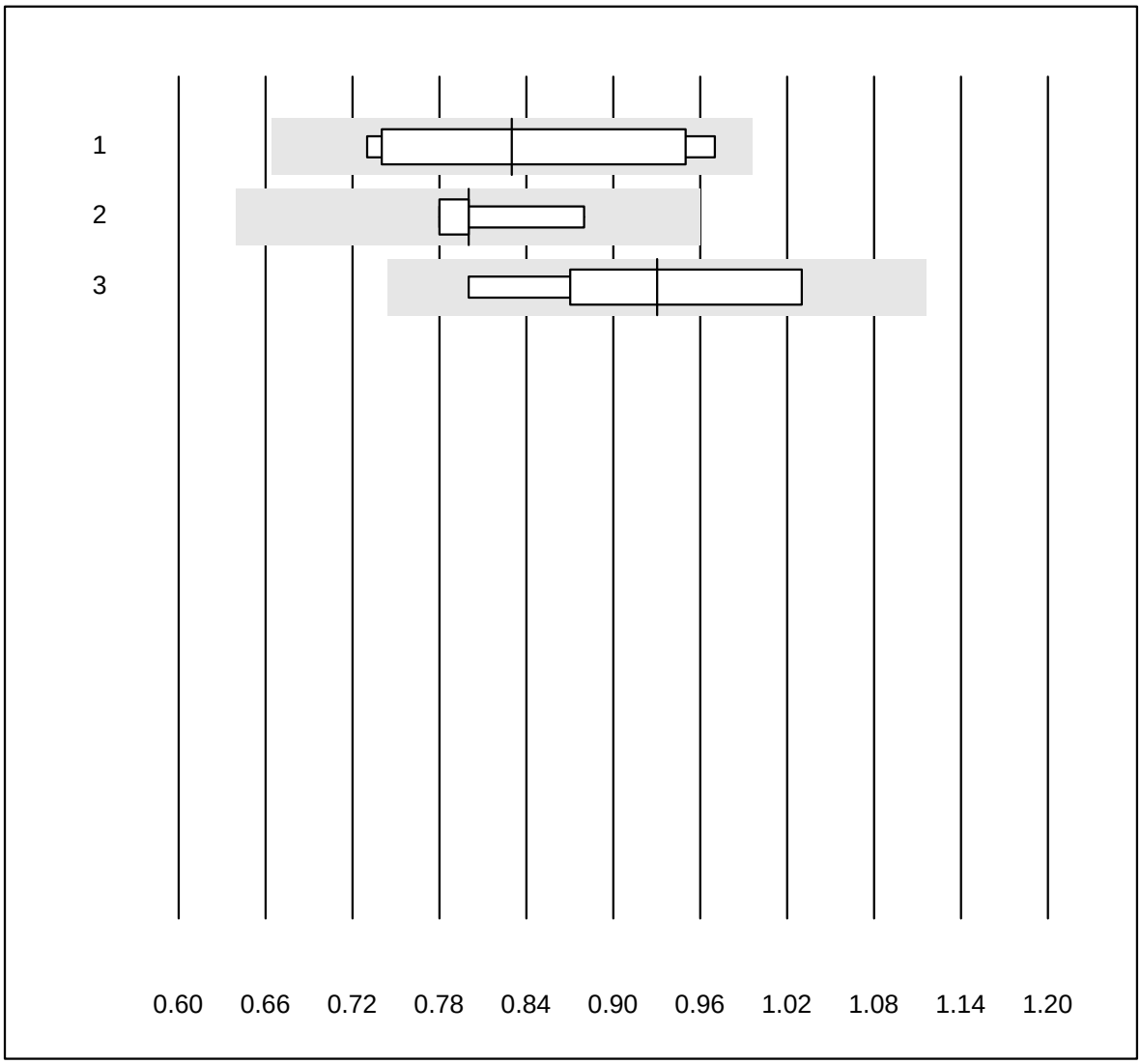


QUALAB Toleranz : 15 %
(< 1.3: +/- 0.2)

INR Xprecia ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Xprecia	61	100.0	0.0	0.0	1.2	5.5	e

Anti-FXa (LMW-Heparin)

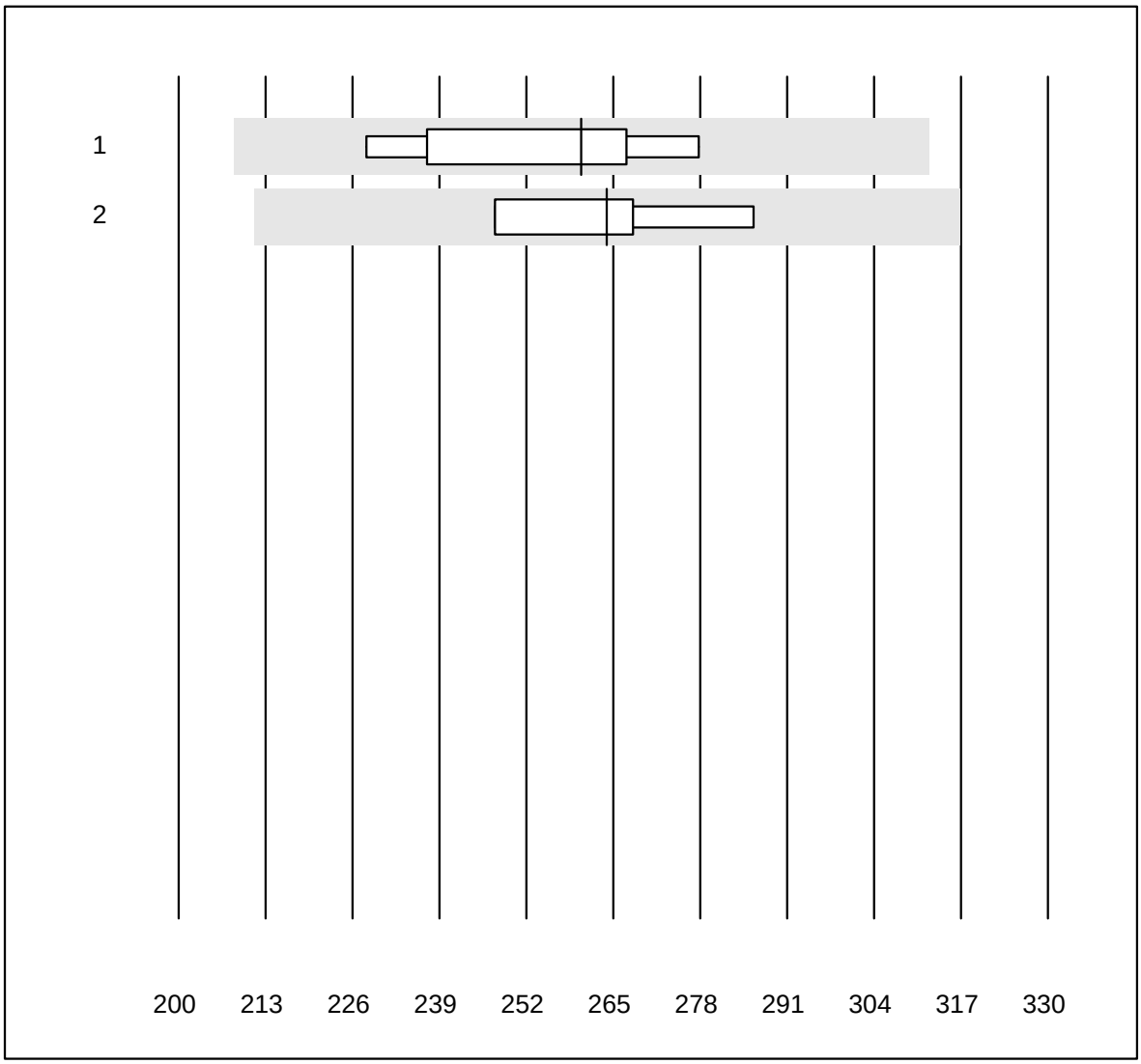


Tolleranza MQ : 20 %

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

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	6	100.0	0.0	0.0	0.83	12.1	e*
2	Stago/STA	4	100.0	0.0	0.0	0.80	5.4	e*
3	ACL	5	100.0	0.0	0.0	0.93	10.8	e*

Anti-FXa (Rivaroxaban)

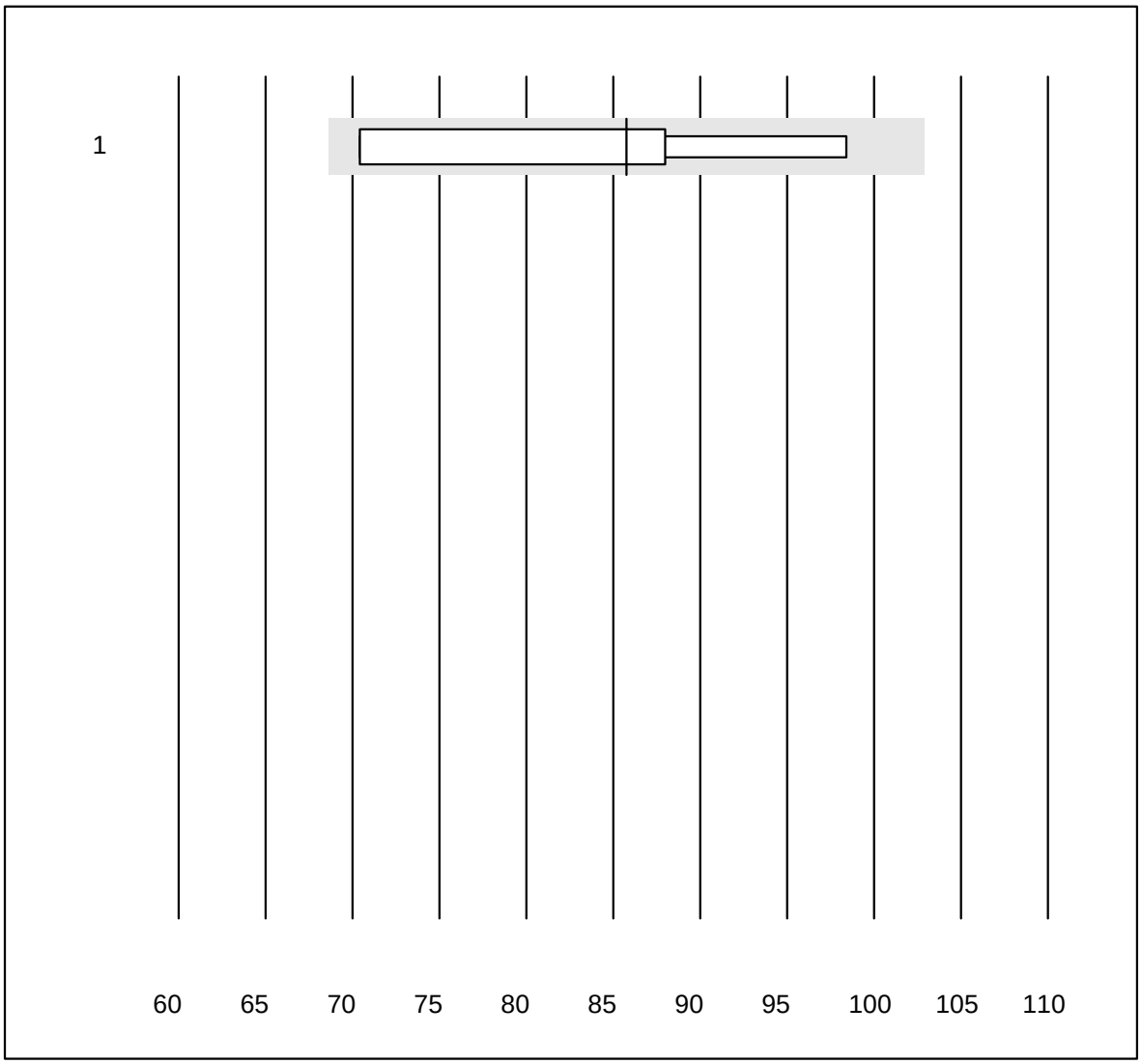


Tolleranza MQ : 20 %

Anti-FXa (Rivaroxaban) (E/ml)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	5	100.0	0.0	0.0	260.20	8.2	e*
2	Stago/STA	4	100.0	0.0	0.0	264.00	6.1	e*

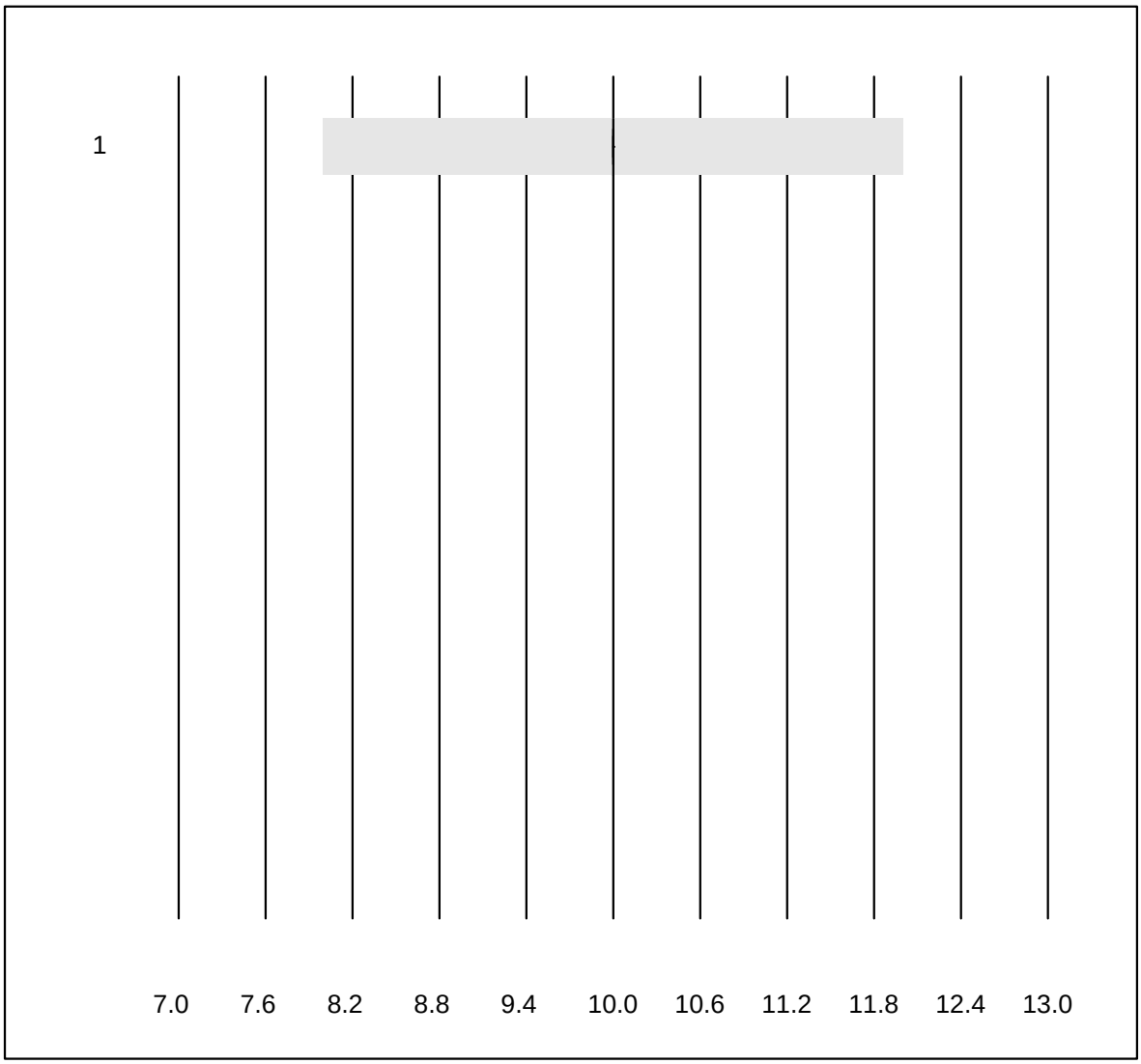
Anti-FXa (Apixaban)



Tolleranza MQ : 20 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	85.75	13.6	e*

Anti-FIIa (Dabigatran)

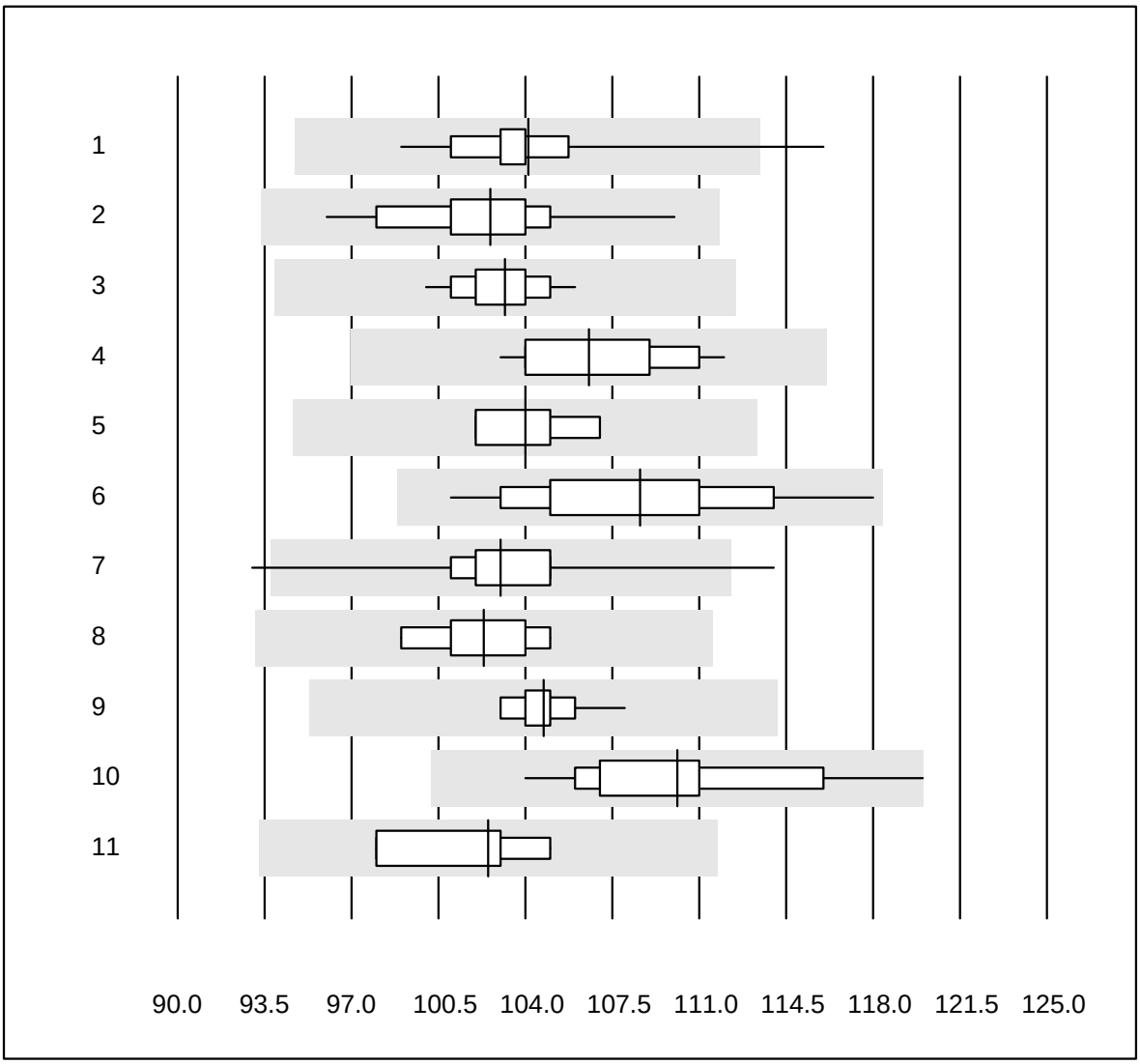


Tolleranza MQ : 20 %

Anti-FIIa (Dabigatran) (E/ml)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	10.00	0.0	e

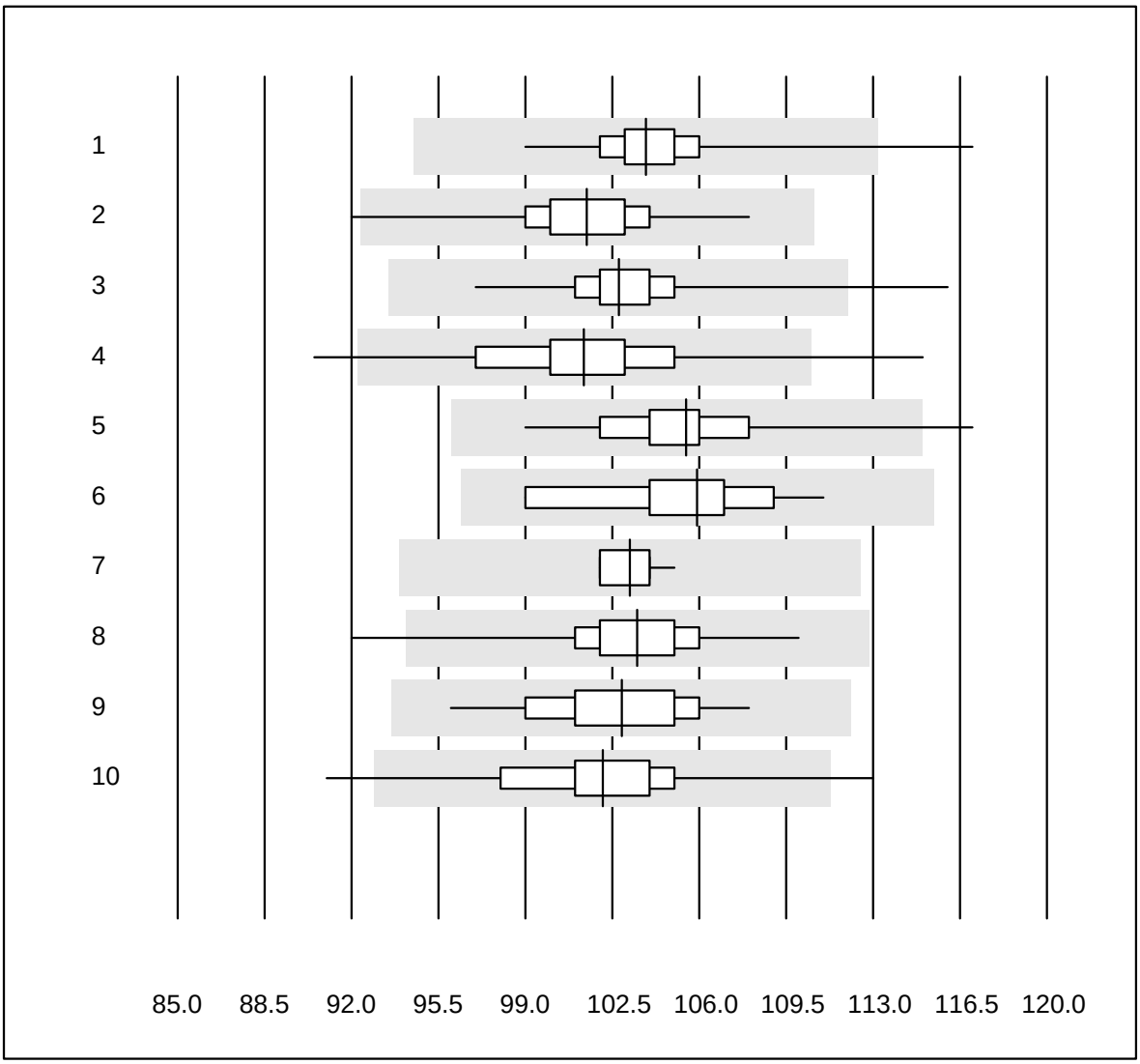
Emoglobina



QUALAB Toleranz : 9 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automatico	24	95.8	4.2	0.0	104.1	3.3	e
2	Cianometemoglobina	31	96.8	0.0	3.2	102.6	3.0	e
3	Sysmex X	43	100.0	0.0	0.0	103.2	1.4	e
4	Advia 120	11	100.0	0.0	0.0	106.5	2.8	e
5	ABX Pentra	4	100.0	0.0	0.0	104.0	2.1	e
6	Reflotron	15	93.3	0.0	6.7	108.6	4.2	e*
7	Hemocue	389	95.4	1.8	2.8	103.0	2.4	e
8	Dr. Lange	10	90.0	0.0	10.0	102.3	2.2	e
9	Hemocontrol	11	100.0	0.0	0.0	104.7	1.4	e
10	DiaSpect	17	100.0	0.0	0.0	110.1	3.4	e
11	Sysmex	4	100.0	0.0	0.0	102.5	2.9	e*

Emoglobina

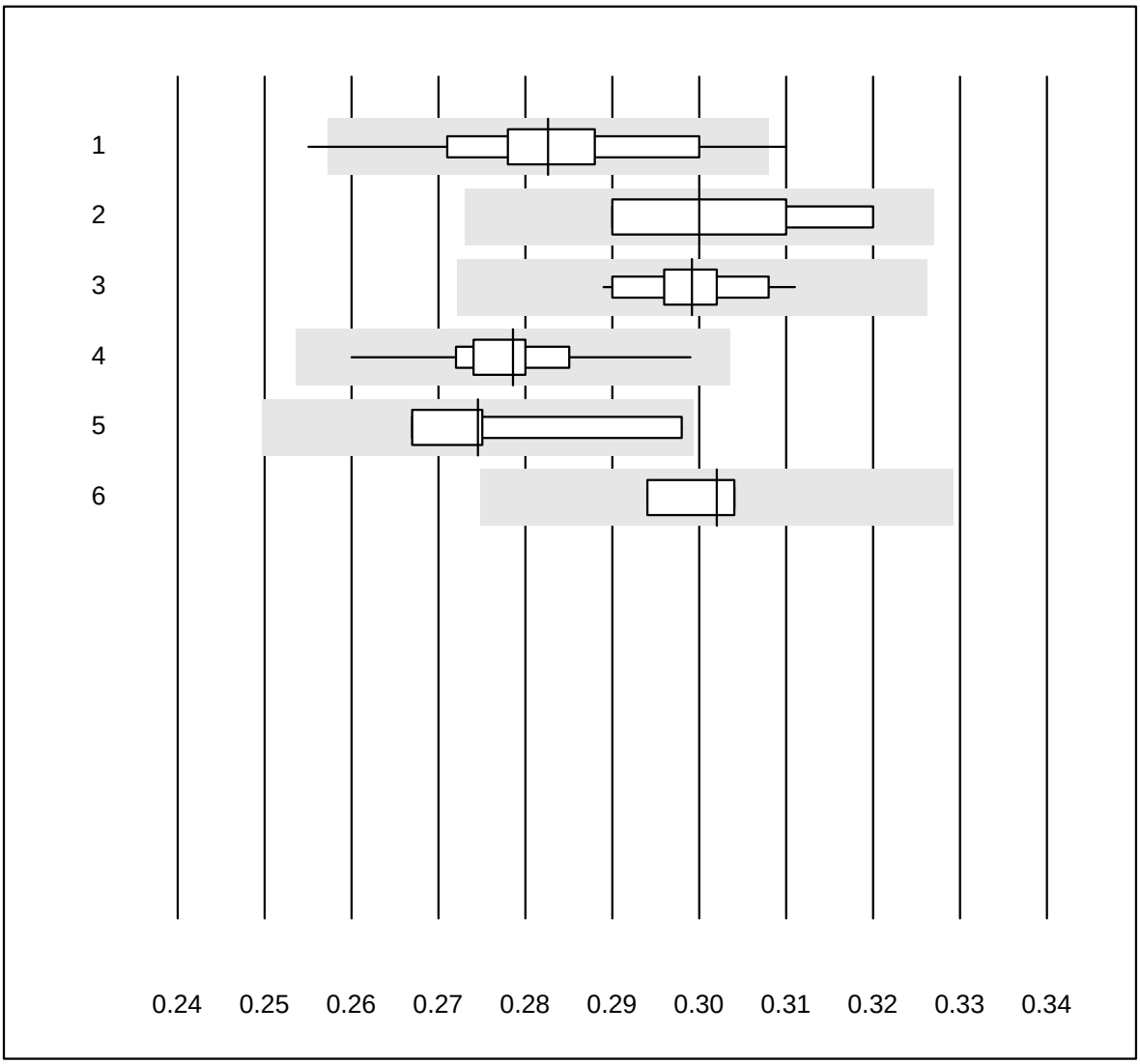


QUALAB Toleranz : 9 %

Emoglobina (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	271	97.4	1.1	1.5	103.9	2.0	e
2	Sysmex PocH - 100i	201	99.0	0.5	0.5	101.5	2.3	e
3	Sysmex XP 300	520	96.9	0.8	2.3	102.8	1.8	e
4	Mythic	292	94.5	1.7	3.8	101.4	3.2	e
5	Swelab	47	95.8	2.1	2.1	105.5	2.8	e
6	Abacus Junior	10	100.0	0.0	0.0	105.9	3.1	e
7	Medonic	10	100.0	0.0	0.0	103.2	1.1	e
8	Celltac Alpha (Nihon	85	96.4	1.2	2.4	103.5	2.5	e
9	Samsung HC10	40	97.5	0.0	2.5	102.9	2.6	e
10	Micros 60	186	97.3	1.1	1.6	102.1	2.9	e

Ematocrito

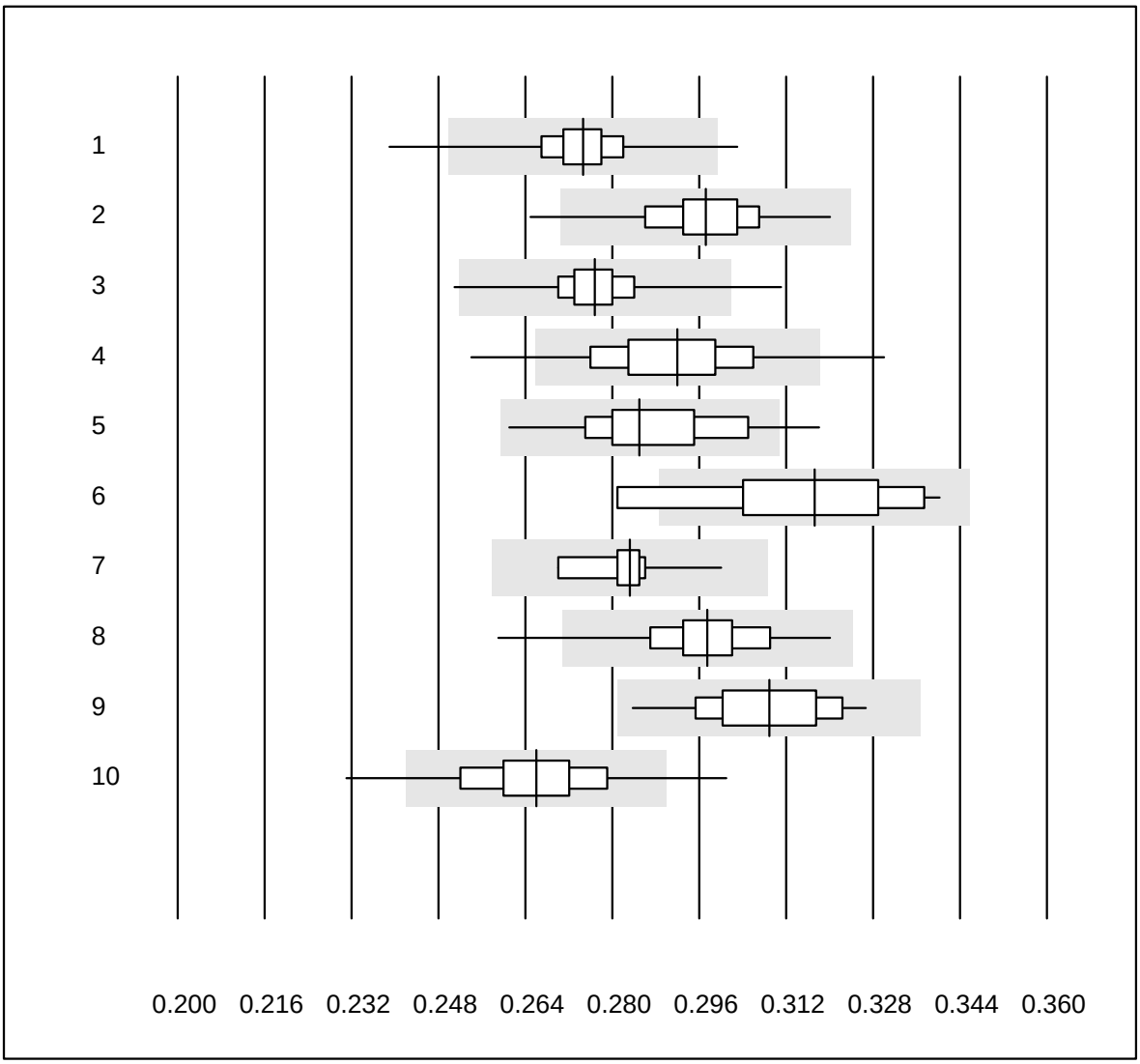


QUALAB Toleranz : 9 %

Ematocrito (l/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automatico	20	75.0	10.0	15.0	0.28	4.3	e
2	Centrifuga	6	100.0	0.0	0.0	0.30	3.9	e*
3	Sysmex X	42	100.0	0.0	0.0	0.30	2.0	e
4	Advia 120	11	100.0	0.0	0.0	0.28	3.4	e
5	ABX Pentra	4	100.0	0.0	0.0	0.27	4.8	e*
6	Sysmex	4	75.0	0.0	25.0	0.30	1.7	e

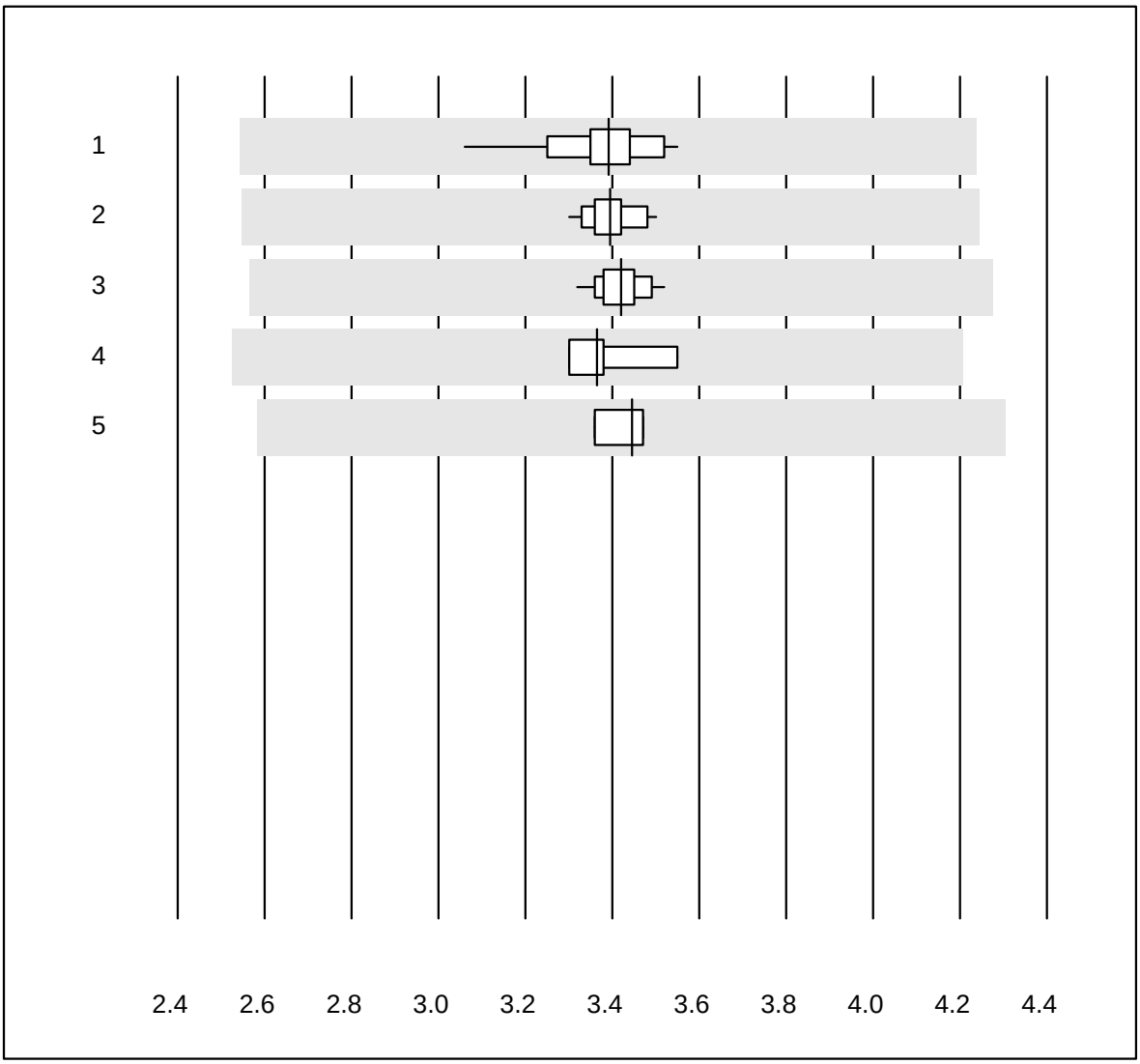
Ematocrito



QUALAB Toleranz : 9 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	270	97.8	1.1	1.1	0.27	2.4	e
2	Sysmex PocH - 100i	200	98.0	2.0	0.0	0.30	3.1	e
3	Sysmex XP 300	520	97.3	0.8	1.9	0.28	2.1	e
4	Mythic	292	93.5	3.4	3.1	0.29	4.1	e
5	Swelab	47	95.8	2.1	2.1	0.29	4.0	e
6	Abacus Junior	10	90.0	10.0	0.0	0.32	6.0	e*
7	Medonic	10	100.0	0.0	0.0	0.28	2.7	e
8	Celltac Alpha (Nihon	86	96.5	1.2	2.3	0.30	3.1	e
9	Samsung HC10	40	97.5	0.0	2.5	0.31	3.5	e
10	Micros 60	186	91.9	5.4	2.7	0.27	4.2	e

Eritrociti

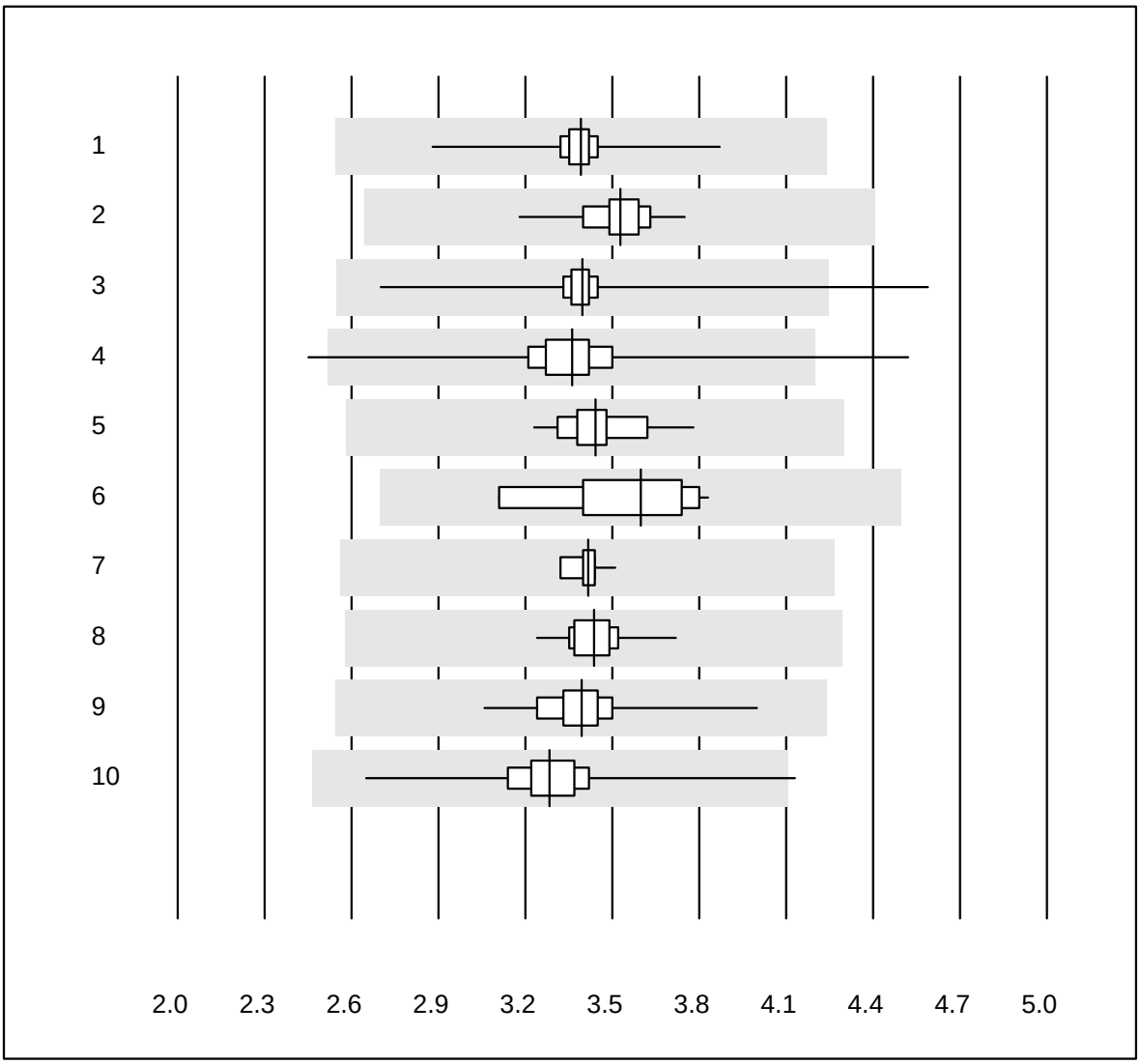


QUALAB Toleranz : 25 %

Eritrociti (T/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automatico	18	100.0	0.0	0.0	3.39	3.3	e
2	Sysmex X	43	100.0	0.0	0.0	3.39	1.5	e
3	Advia 120	11	100.0	0.0	0.0	3.42	1.7	e
4	ABX Pentra	4	100.0	0.0	0.0	3.37	3.2	e
5	Sysmex	4	75.0	0.0	25.0	3.45	1.6	e

Eritrociti

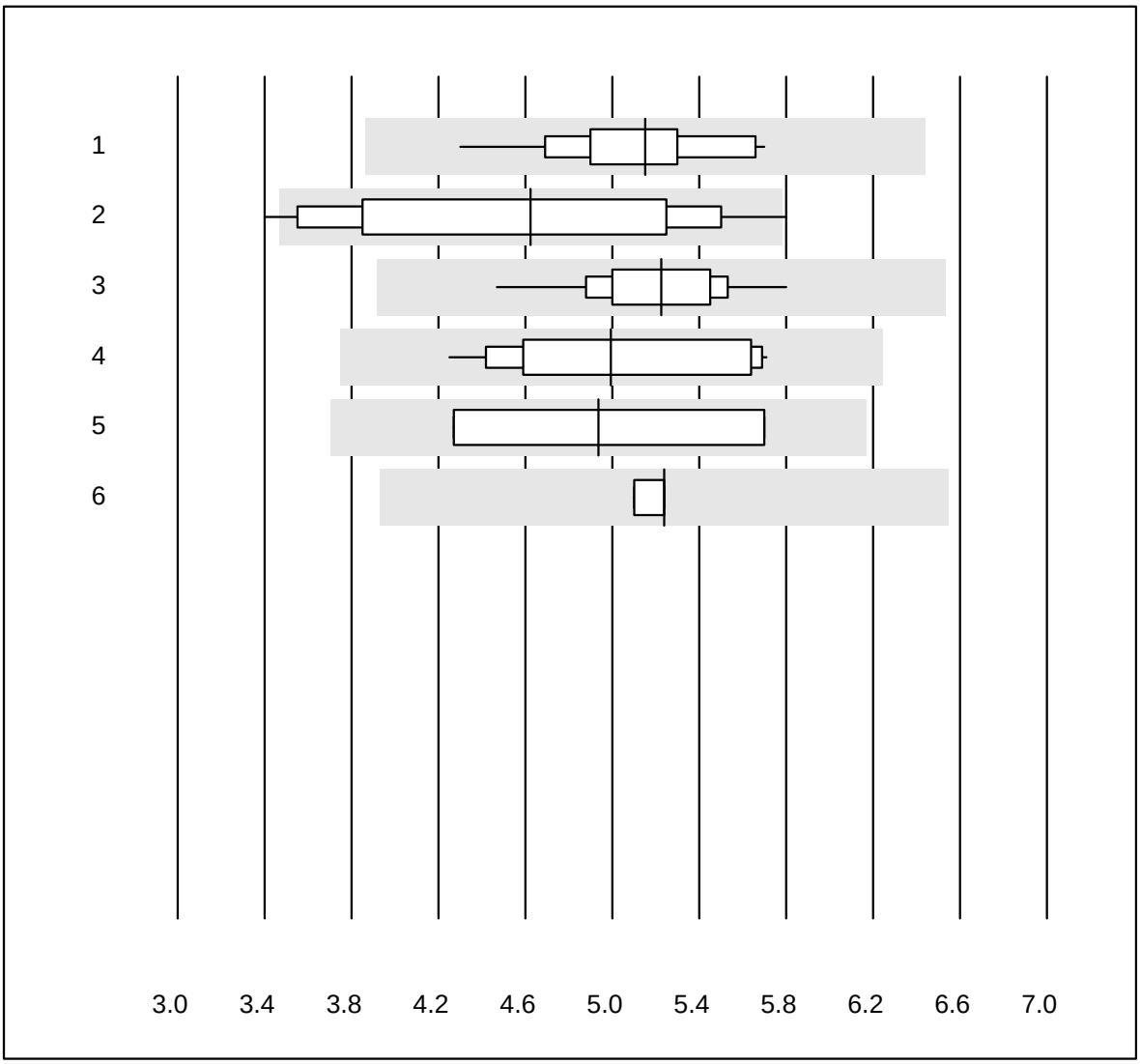


QUALAB Toleranz : 25 %

Eritrociti (T/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	271	98.2	0.0	1.8	3.39	2.2	e
2	Sysmex PocH - 100i	200	100.0	0.0	0.0	3.53	2.6	e
3	Sysmex XP 300	521	98.4	0.6	1.0	3.40	3.4	e
4	Mythic	293	98.3	1.0	0.7	3.36	5.3	e
5	Swelab	47	97.9	0.0	2.1	3.44	3.2	e
6	Abacus Junior	10	100.0	0.0	0.0	3.60	6.3	e
7	Medonic	10	100.0	0.0	0.0	3.42	1.5	e
8	Celltac Alpha (Nihon	85	97.6	0.0	2.4	3.44	2.3	e
9	Samsung HC10	39	100.0	0.0	0.0	3.39	4.1	e
10	Micros 60	186	96.8	0.5	2.7	3.28	4.5	e

Leucociti

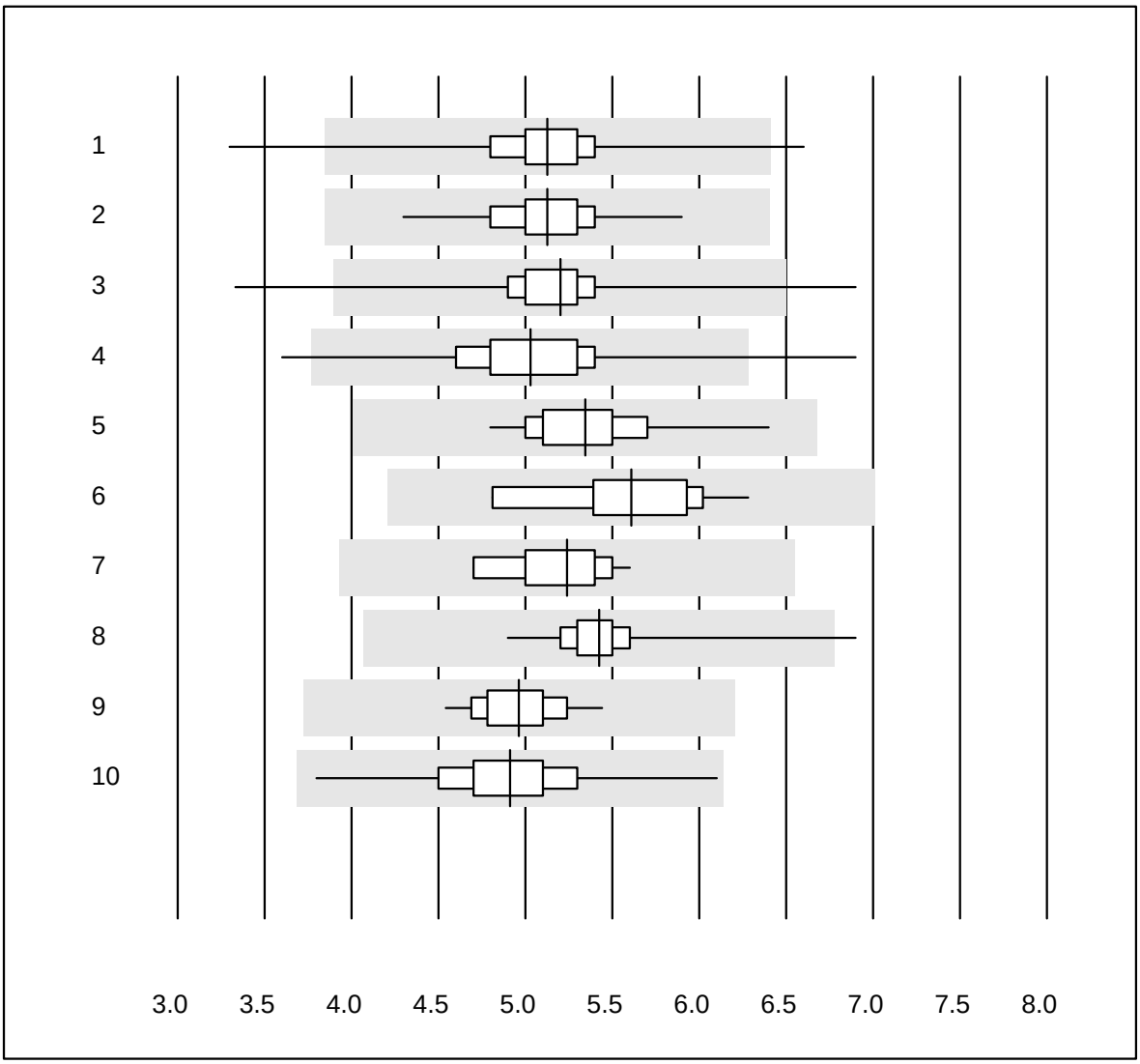


QUALAB Toleranz : 25 %

Leucociti (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automatico	16	100.0	0.0	0.0	5.15	7.3	e
2	Microscopio	23	87.0	8.7	4.3	4.62	16.2	e*
3	Sysmex X	43	100.0	0.0	0.0	5.22	5.2	e
4	Advia 120 (Perox)	11	100.0	0.0	0.0	4.99	10.8	e*
5	ABX Pentra	4	75.0	0.0	25.0	4.94	15.4	e*
6	Sysmex	4	75.0	0.0	25.0	5.24	1.6	e

Leucociti

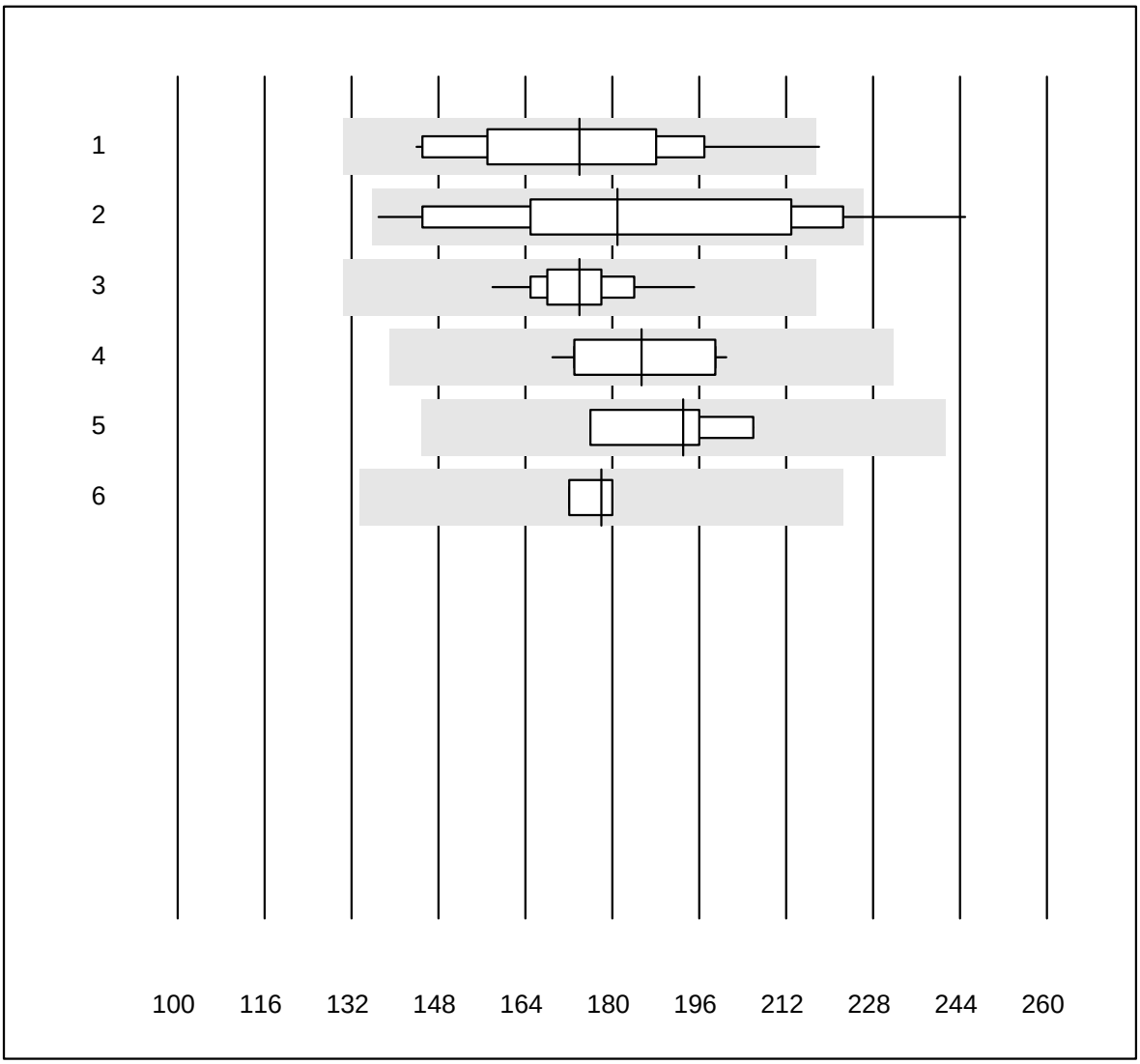


QUALAB Toleranz : 25 %

Leucociti (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	271	98.1	1.5	0.4	5.13	6.1	e
2	Sysmex PocH - 100i	200	99.5	0.0	0.5	5.12	4.8	e
3	Sysmex XP 300	522	98.8	1.0	0.2	5.20	5.6	e
4	Mythic	292	98.3	1.4	0.3	5.03	7.2	e
5	Swelab	47	97.9	0.0	2.1	5.34	5.4	e
6	Abacus Junior	10	100.0	0.0	0.0	5.61	7.9	e
7	Medonic	10	100.0	0.0	0.0	5.24	5.3	e
8	Celltac Alpha (Nihon	86	95.4	2.3	2.3	5.42	5.3	e
9	Samsung HC10	40	97.5	0.0	2.5	4.96	4.1	e
10	Micros 60	186	99.5	0.0	0.5	4.91	6.6	e

Trombociti

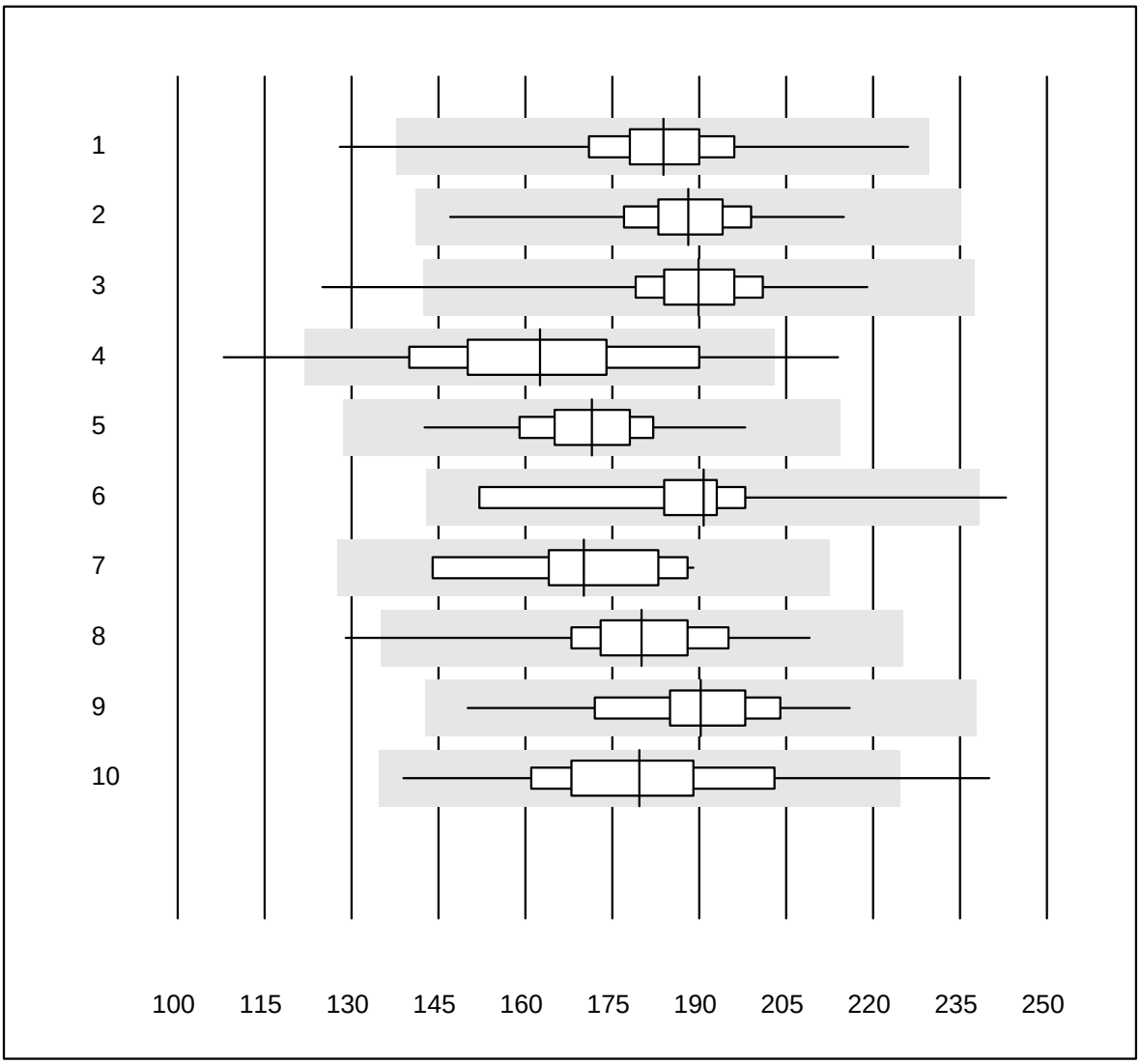


QUALAB Toleranz : 25 %

Trombociti (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automatico	15	93.3	6.7	0.0	174.0	12.1	e*
2	Microscopio	15	86.6	6.7	6.7	181.0	16.9	e*
3	Sysmex X	43	97.7	0.0	2.3	174.0	4.8	e
4	Advia 120	11	100.0	0.0	0.0	185.4	6.5	e
5	ABX Pentra	4	100.0	0.0	0.0	193.0	6.5	e*
6	Sysmex	4	75.0	0.0	25.0	178.0	2.3	e

Trombociti

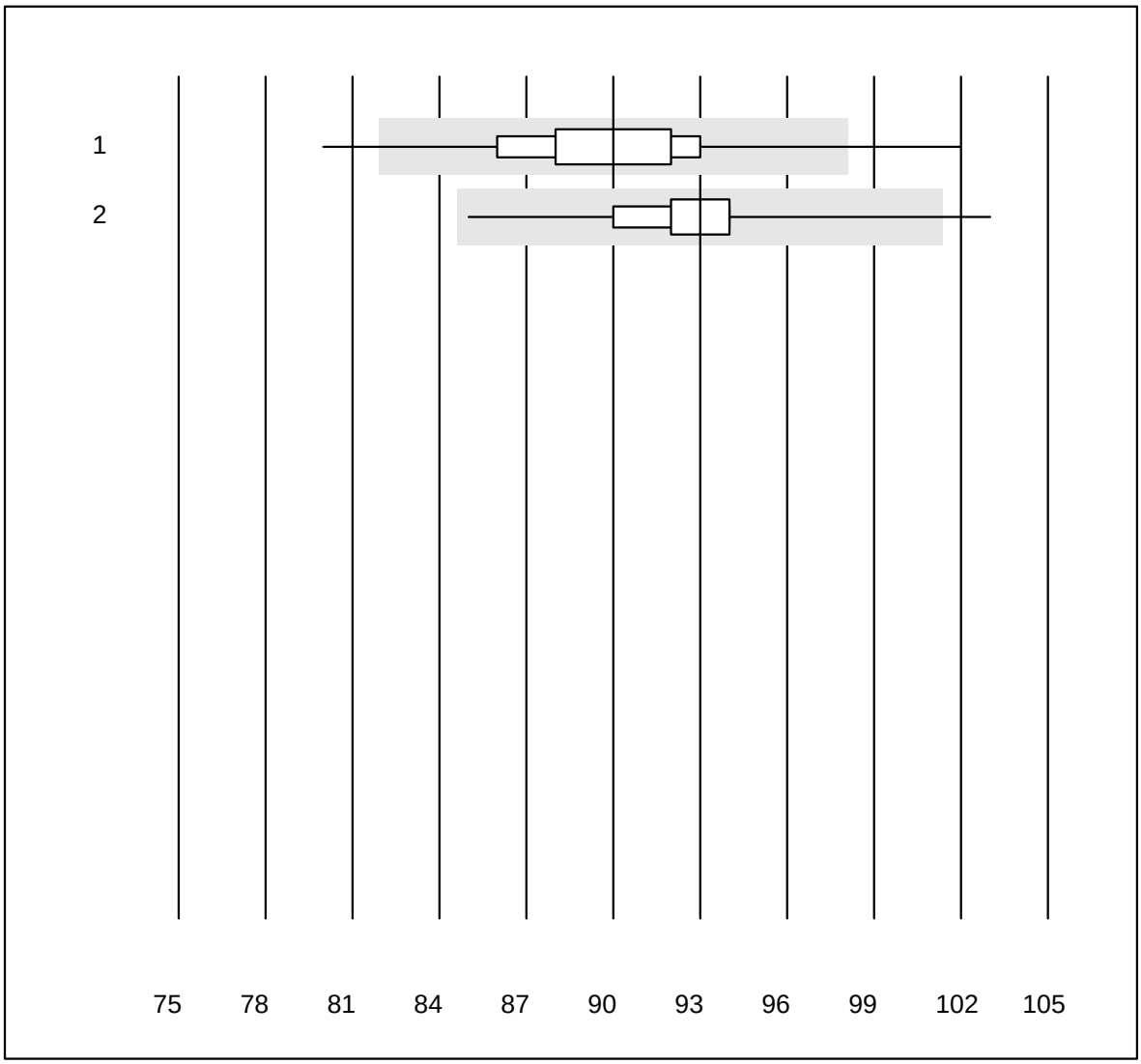


QUALAB Toleranz : 25 %

Trombociti (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	271	98.9	0.7	0.4	183.8	6.0	e
2	Sysmex PocH - 100i	200	100.0	0.0	0.0	188.2	5.2	e
3	Sysmex XP 300	522	99.2	0.4	0.4	189.9	5.3	e
4	Mythic	293	94.5	4.1	1.4	162.5	11.9	e
5	Swelab	47	100.0	0.0	0.0	171.4	6.0	e
6	Abacus Junior	10	90.0	10.0	0.0	190.7	11.6	e*
7	Medonic	10	100.0	0.0	0.0	170.1	8.9	e
8	Celltac Alpha (Nihon	86	95.3	1.2	3.5	180.1	6.7	e
9	Samsung HC10	40	100.0	0.0	0.0	190.3	6.8	e
10	Micros 60	185	94.0	3.8	2.2	179.7	9.9	e

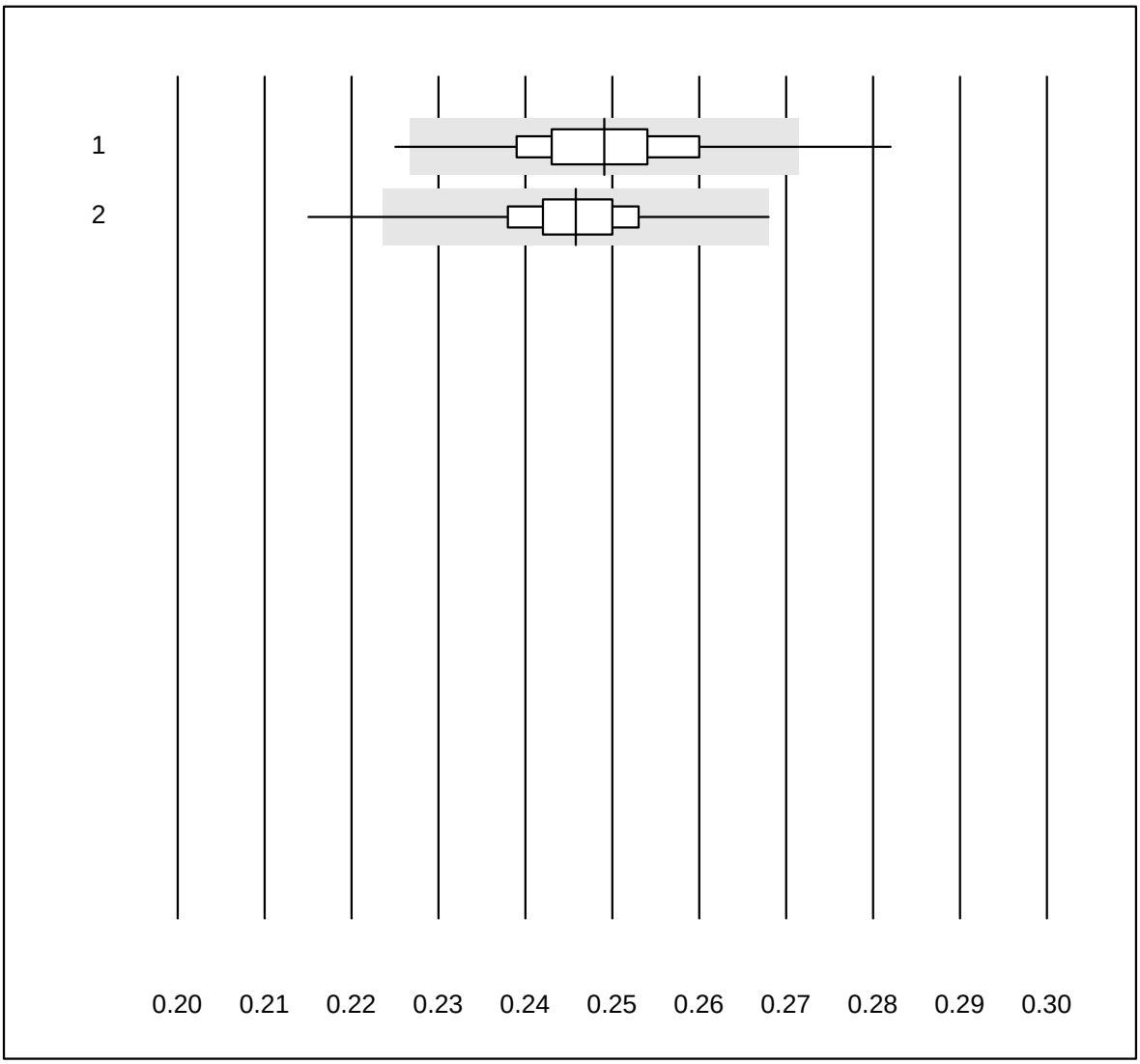
Emoglobina H2



QUALAB Toleranz : 9 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Abx Micros	167	95.2	3.6	1.2	90.0	3.7	e
2	Microsemi	739	98.0	0.1	1.9	93.0	1.9	e

Ematocrito H2

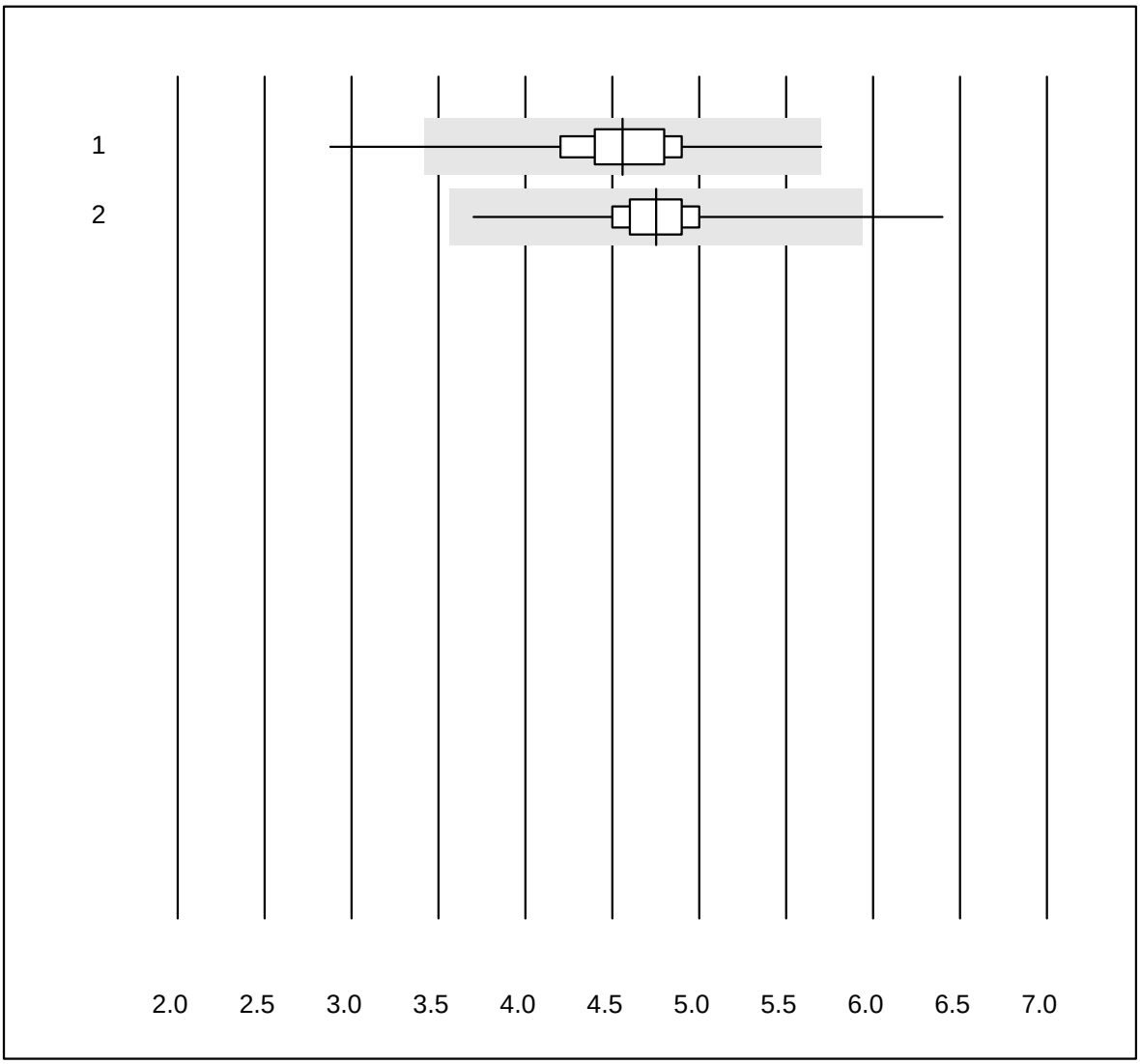


QUALAB Toleranz : 9 %

Ematocrito H2 (l/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Abx Micros	167	94.0	3.6	2.4	0.25	3.7	e
2	Microsemi	739	97.7	0.4	1.9	0.25	2.5	e

Leucociti H2

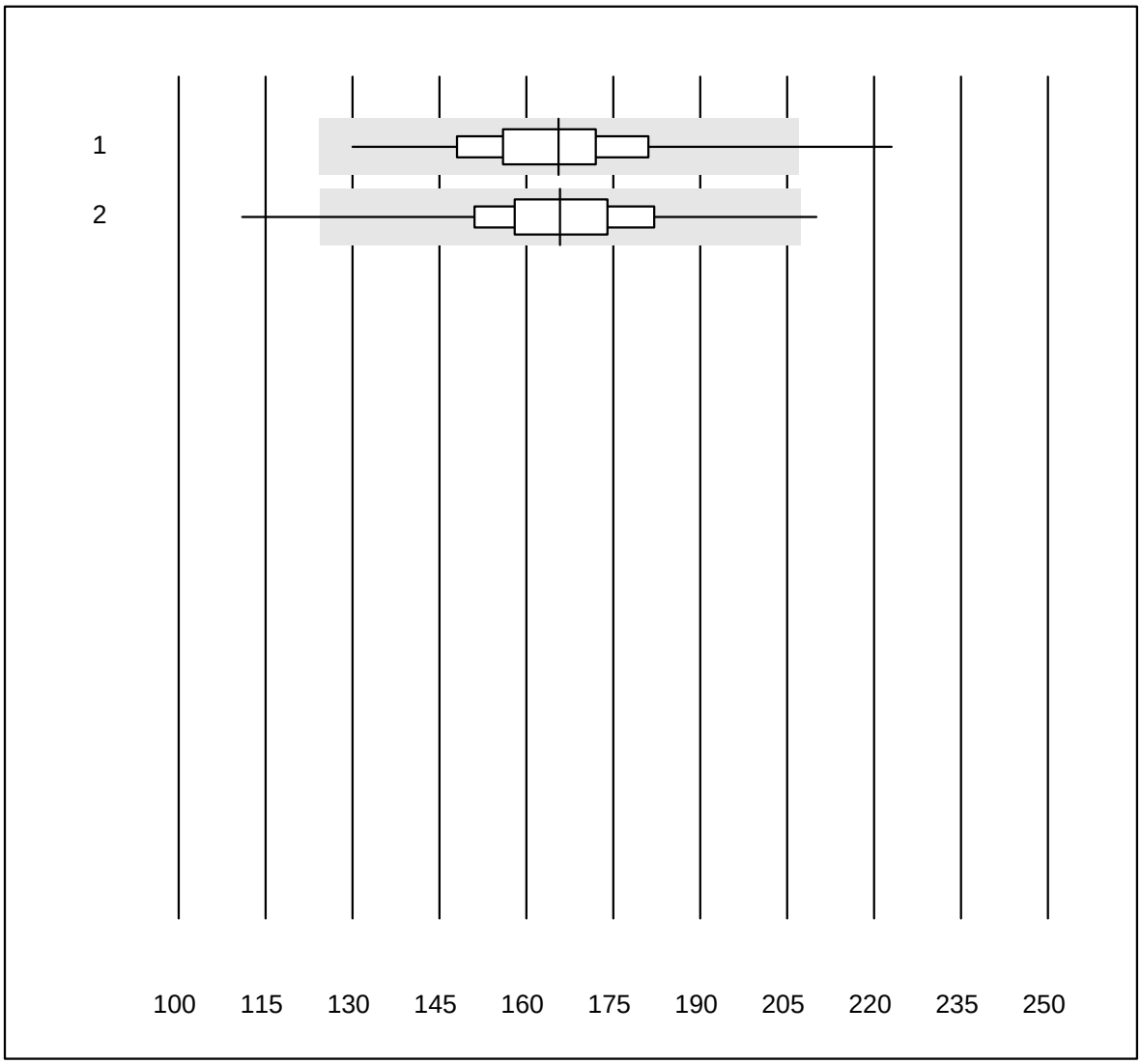


QUALAB Toleranz : 25 %

Leucociti H2 (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Abx Micros	167	97.0	1.2	1.8	4.56	7.4	e
2	Microsemi	739	99.2	0.3	0.5	4.75	5.5	e

Trombociti H2

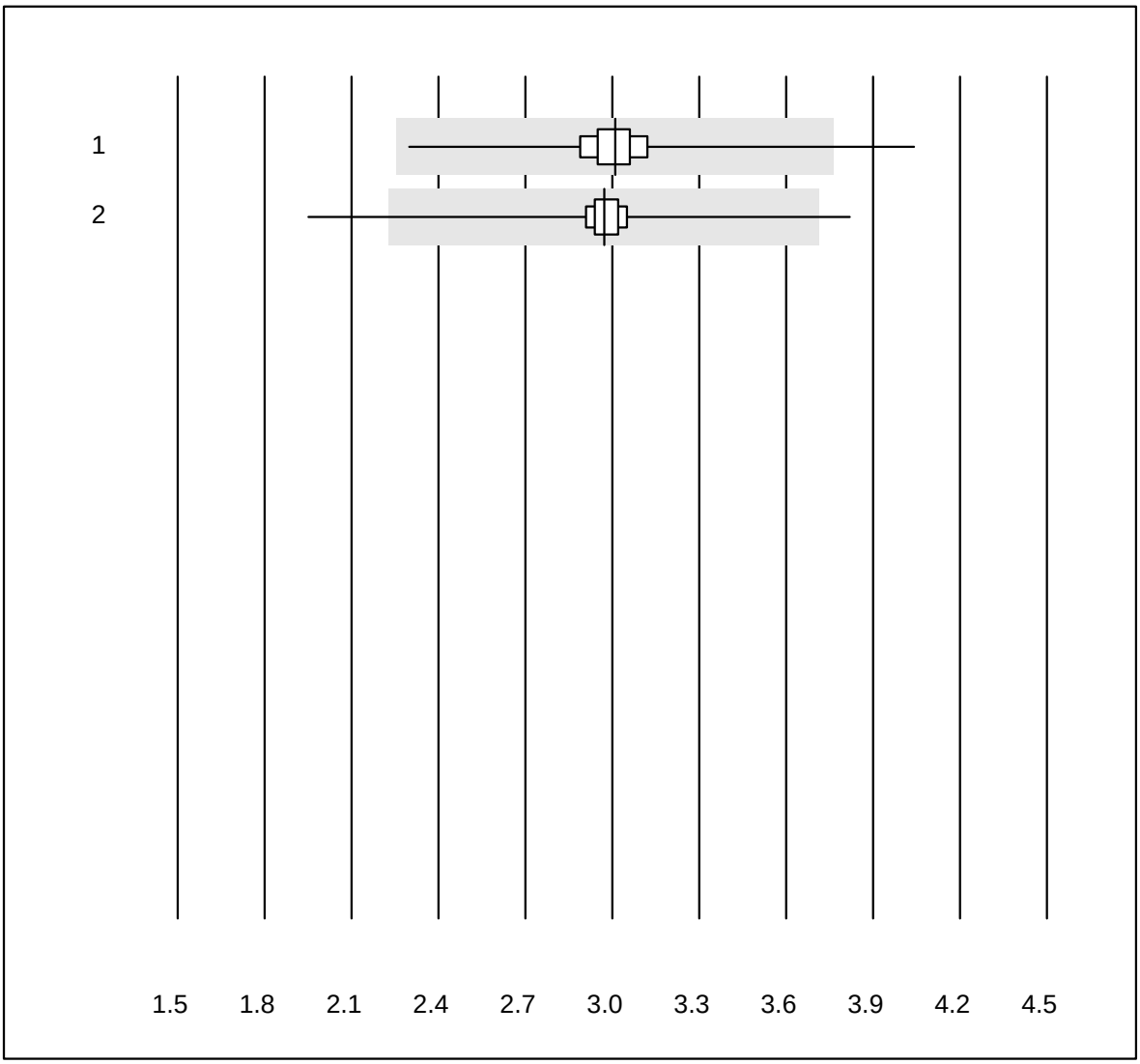


QUALAB Toleranz : 25 %

Trombociti H2 (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Abx Micros	167	94.6	1.2	4.2	165.6	9.0	e
2	Microsemi	739	98.1	0.7	1.2	165.8	7.6	e

Eritrociti H2

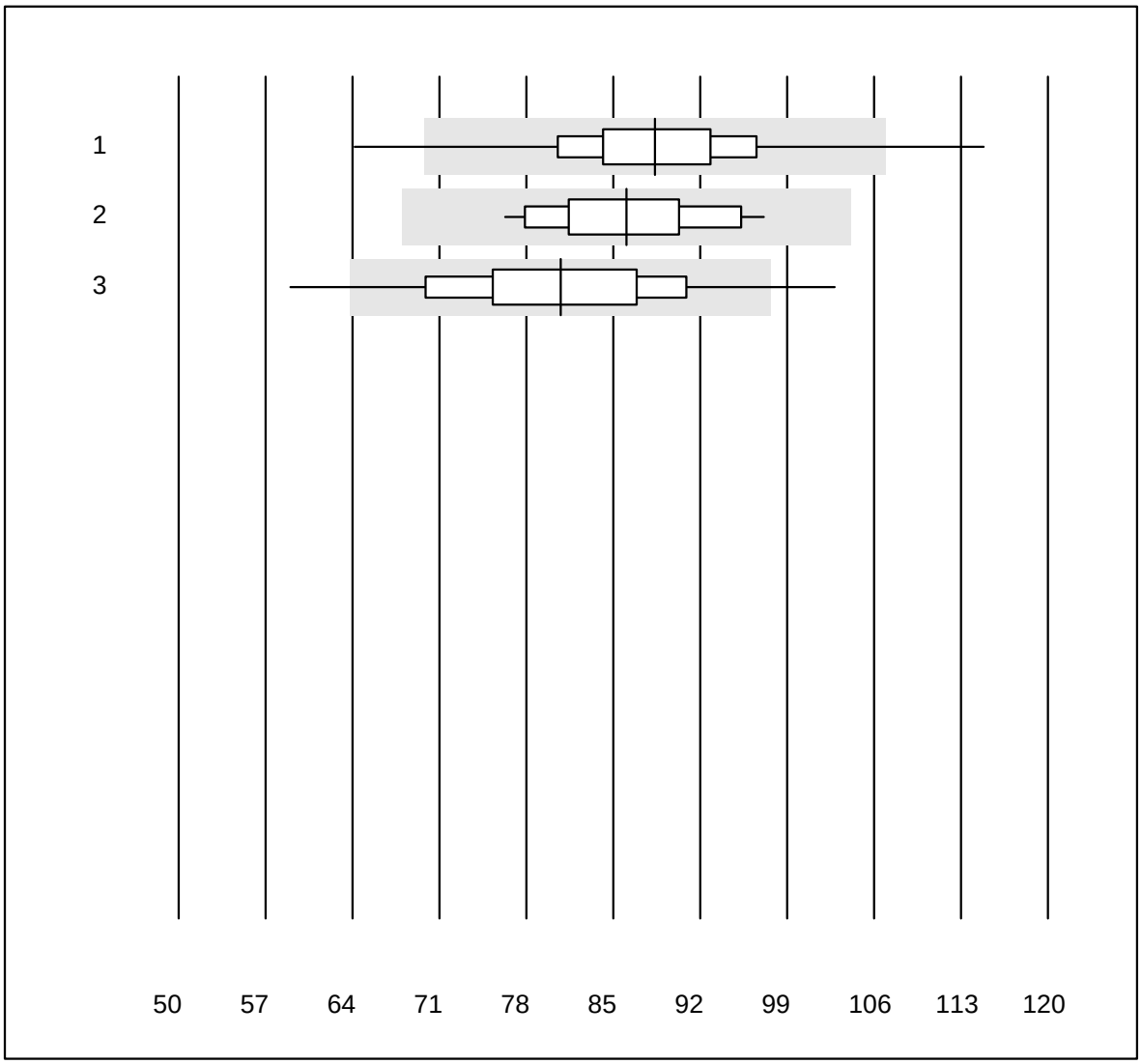


QUALAB Toleranz : 25 %

Eritrociti H2 (T/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Abx Micros	167	97.0	0.6	2.4	3.01	5.0	e
2	Microsemi	739	97.8	0.7	1.5	2.97	3.9	e

CRP H2

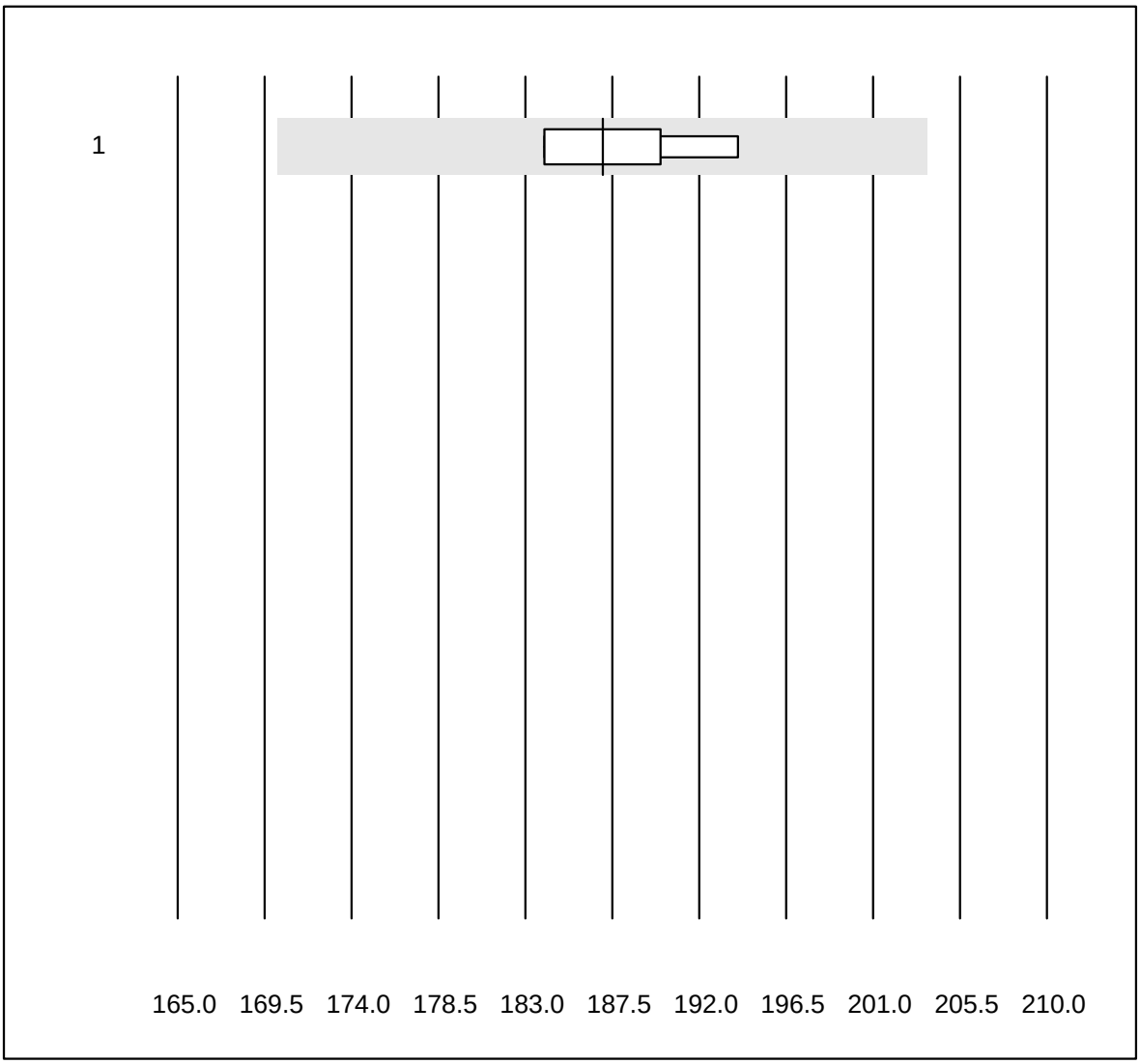


QUALAB Toleranz : 21 %

CRP H2 (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Microsemi	726	99.1	0.8	0.1	88.3	7.4	e
2	Abx Micros	18	100.0	0.0	0.0	86.1	6.9	e
3	ABX Micros CRP200	144	94.4	2.8	2.8	80.8	10.1	e

Emoglobina BG

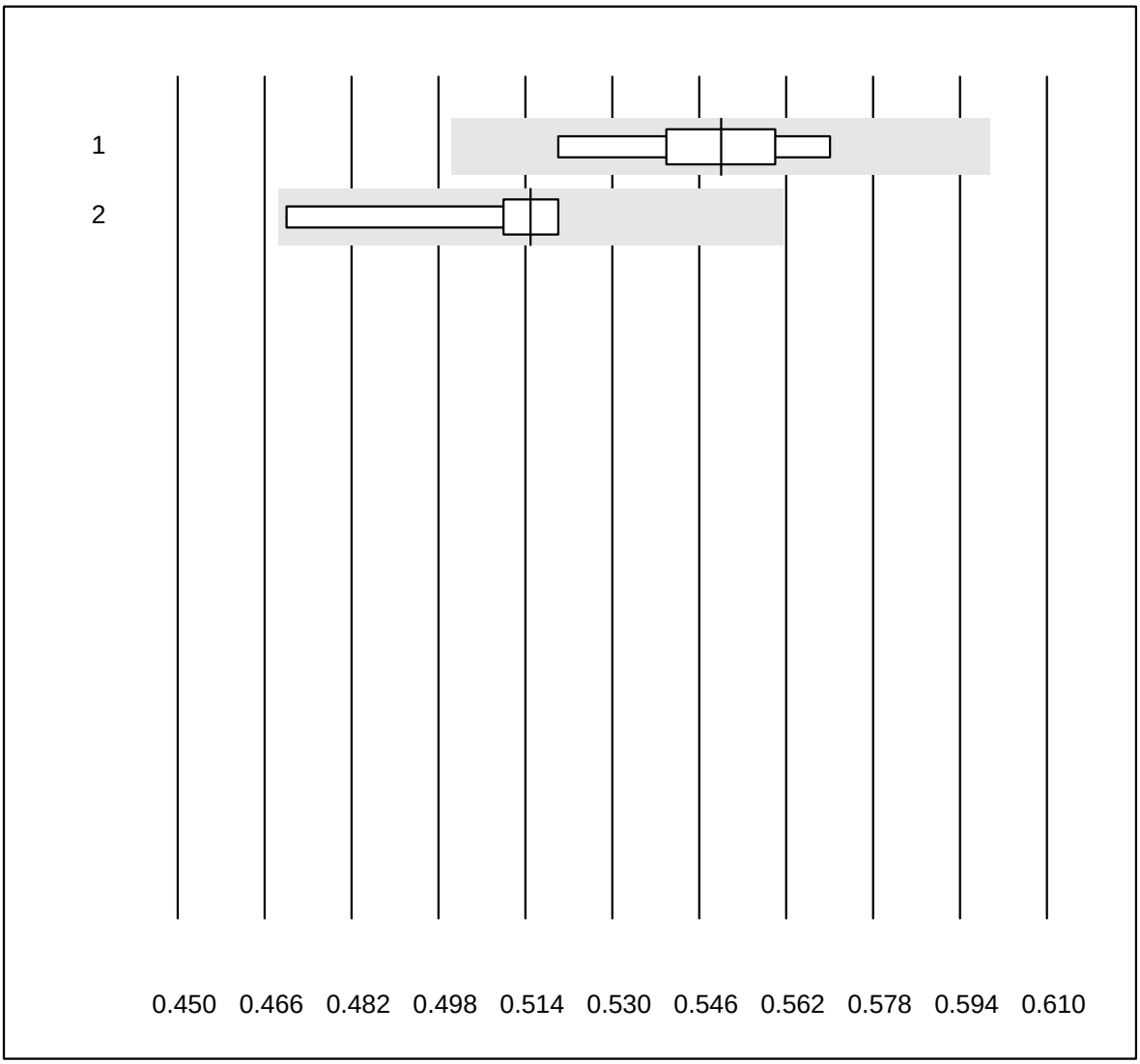


QUALAB Toleranz : 9 %

Emoglobina BG (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat	5	100.0	0.0	0.0	187.0	2.3	e

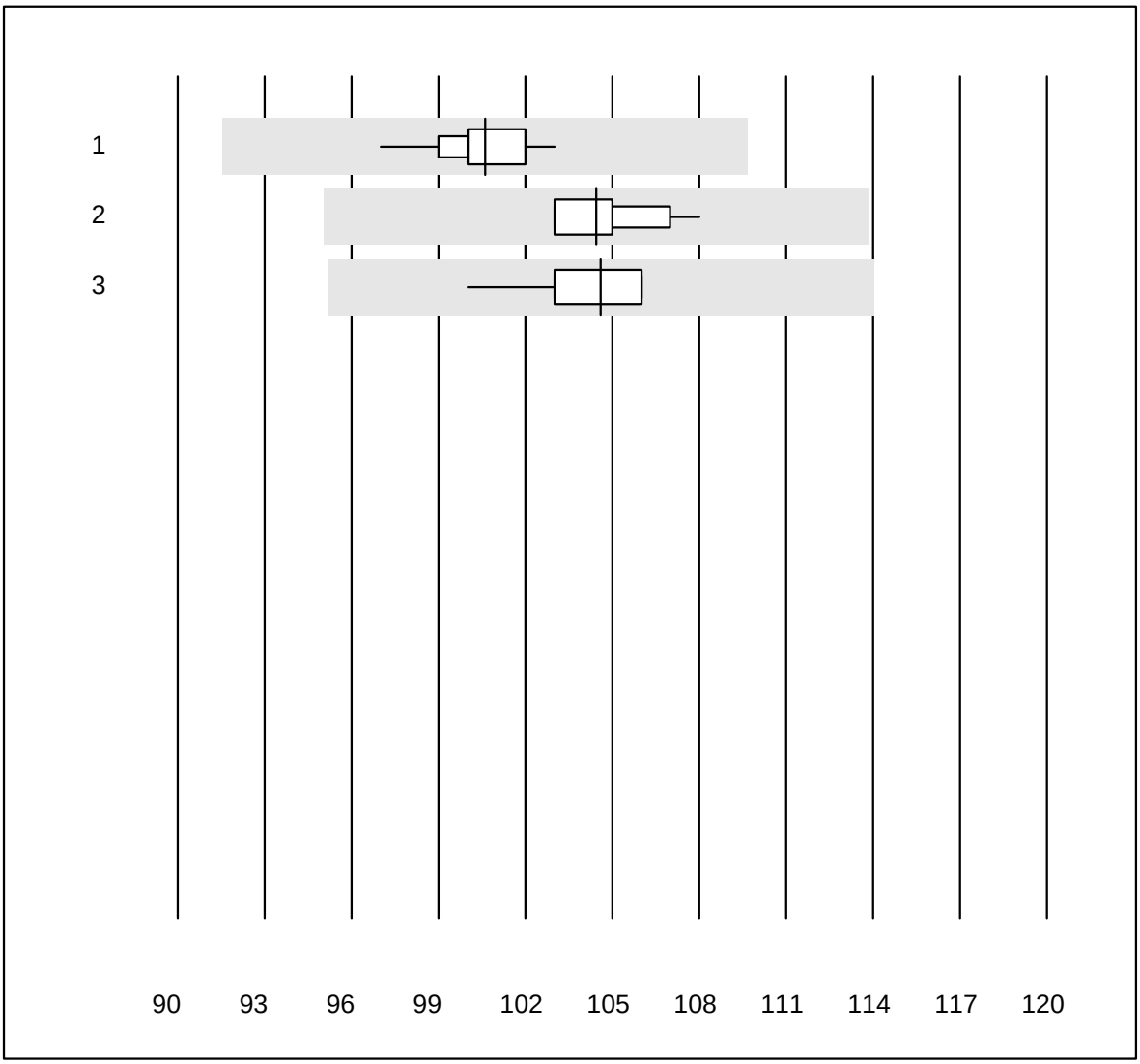
Ematocrito



QUALAB Toleranz : 9 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat	7	100.0	0.0	0.0	0.55	2.9	e*
2	EPOC	6	100.0	0.0	0.0	0.52	3.8	e*

Emoglobina

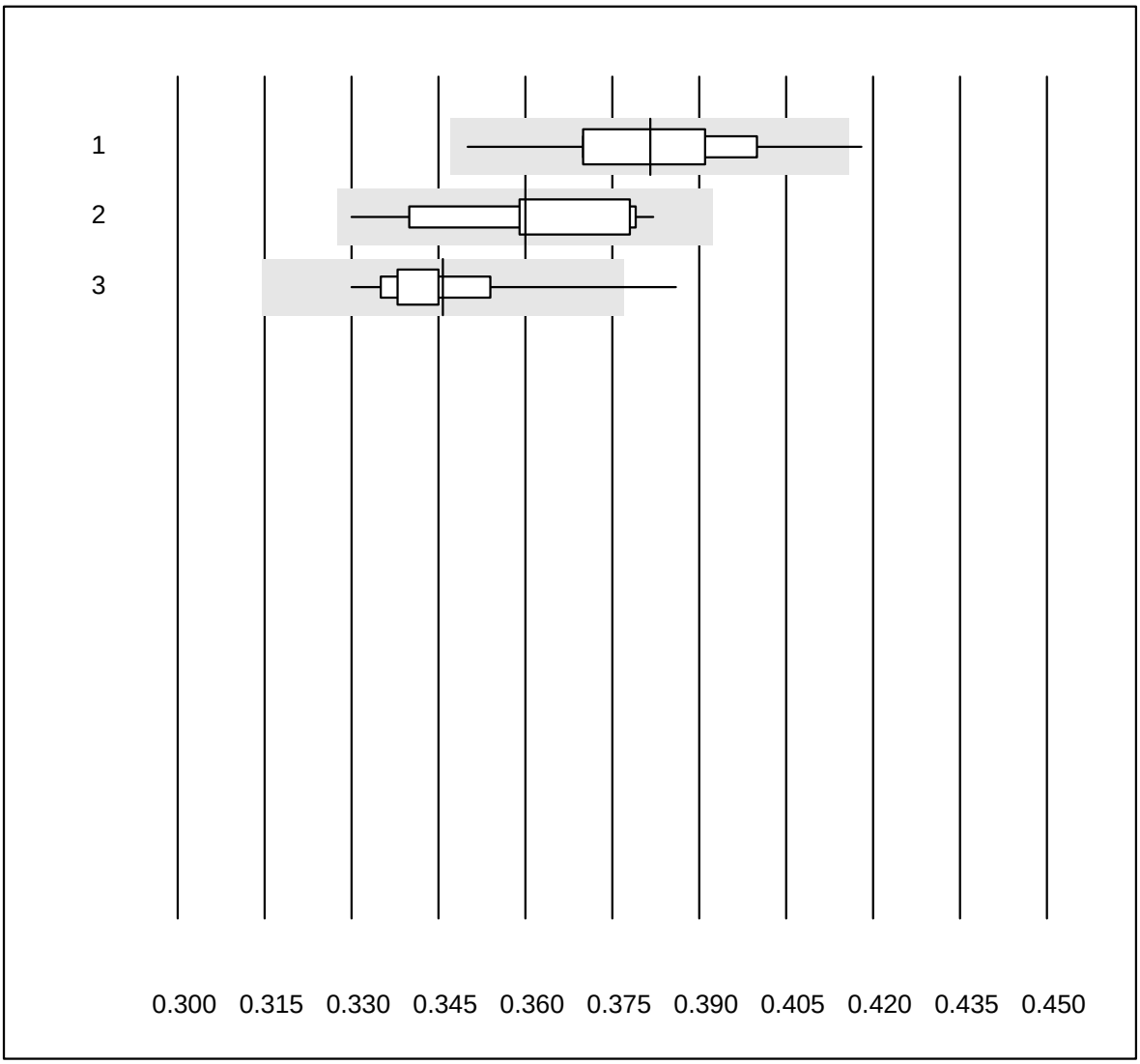


QUALAB Toleranz : 9 %

Emoglobina (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	59	98.3	0.0	1.7	100.6	1.4	e
2	Advia	11	100.0	0.0	0.0	104.5	1.7	e
3	ABX Pentra	12	91.7	0.0	8.3	104.6	1.8	e

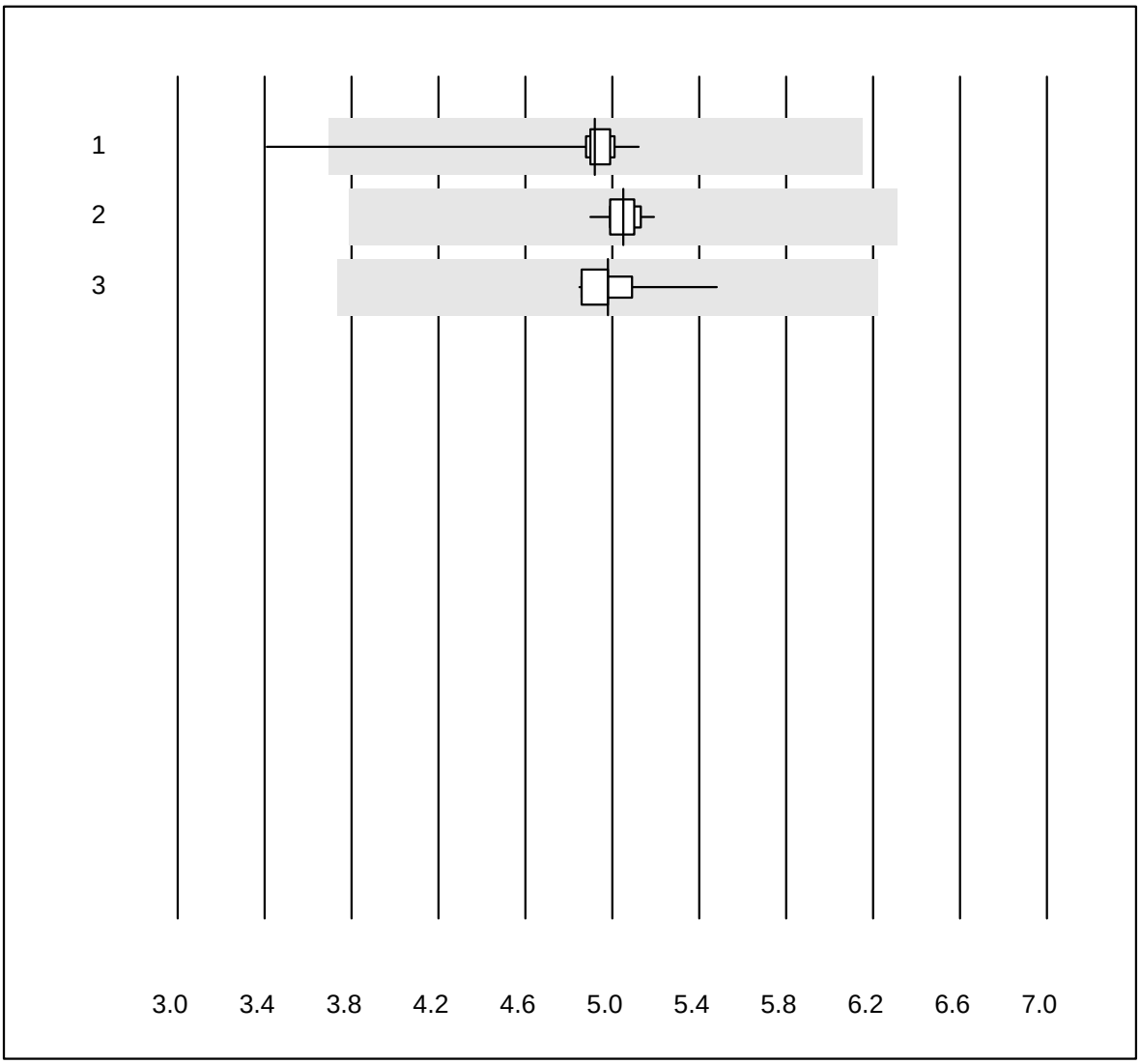
Ematocrito



QUALAB Toleranz : 9 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	60	96.6	1.7	1.7	0.38	3.5	e
2	Advia	11	100.0	0.0	0.0	0.36	4.6	a
3	ABX Pentra	12	91.7	8.3	0.0	0.35	4.1	e*

Eritrociti

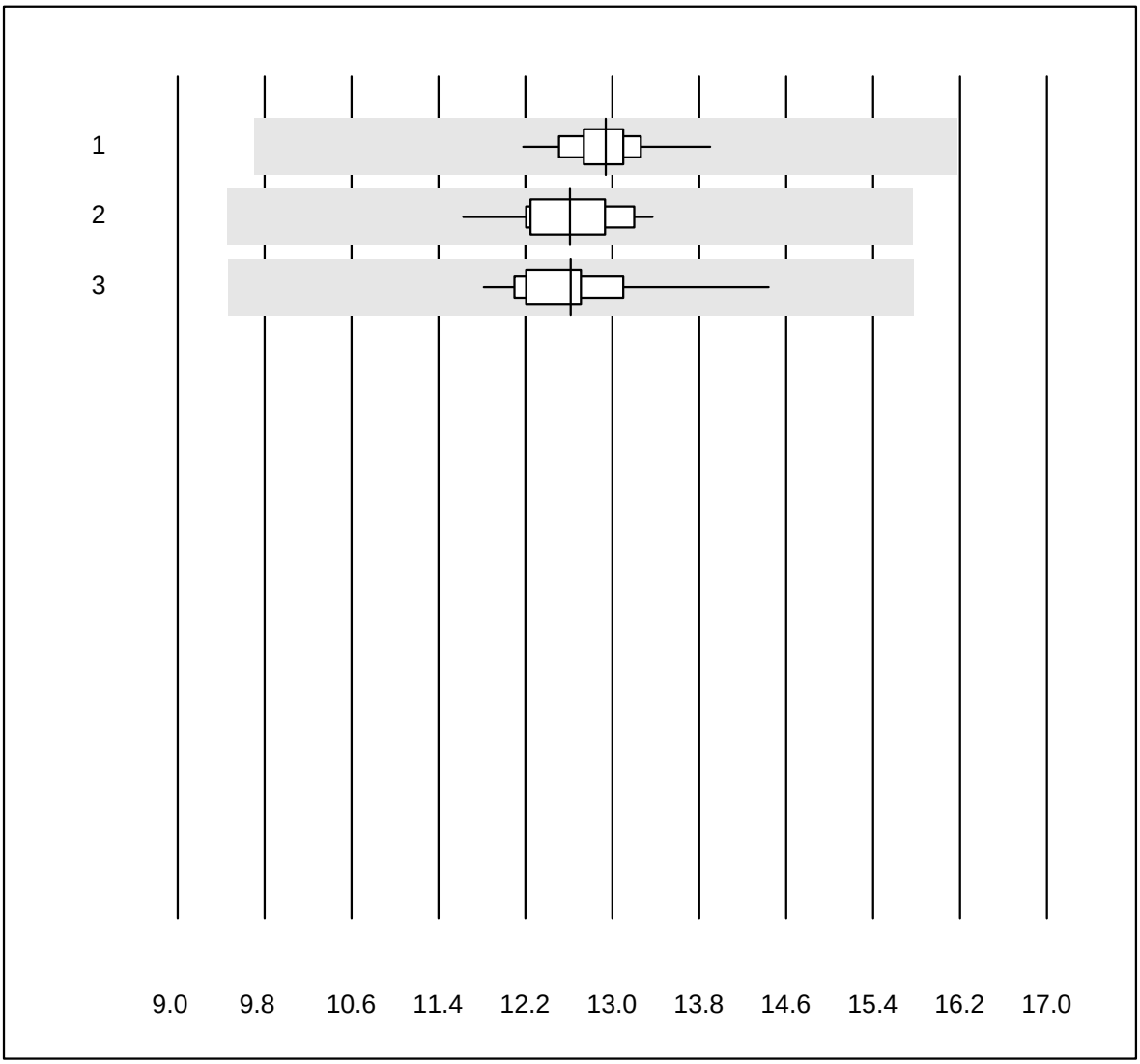


QUALAB Toleranz : 25 %

Eritrociti (T/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	59	98.3	1.7	0.0	4.92	4.2	e
2	Advia	11	100.0	0.0	0.0	5.05	1.6	e
3	ABX Pentra	12	100.0	0.0	0.0	4.98	3.5	e

Leucociti

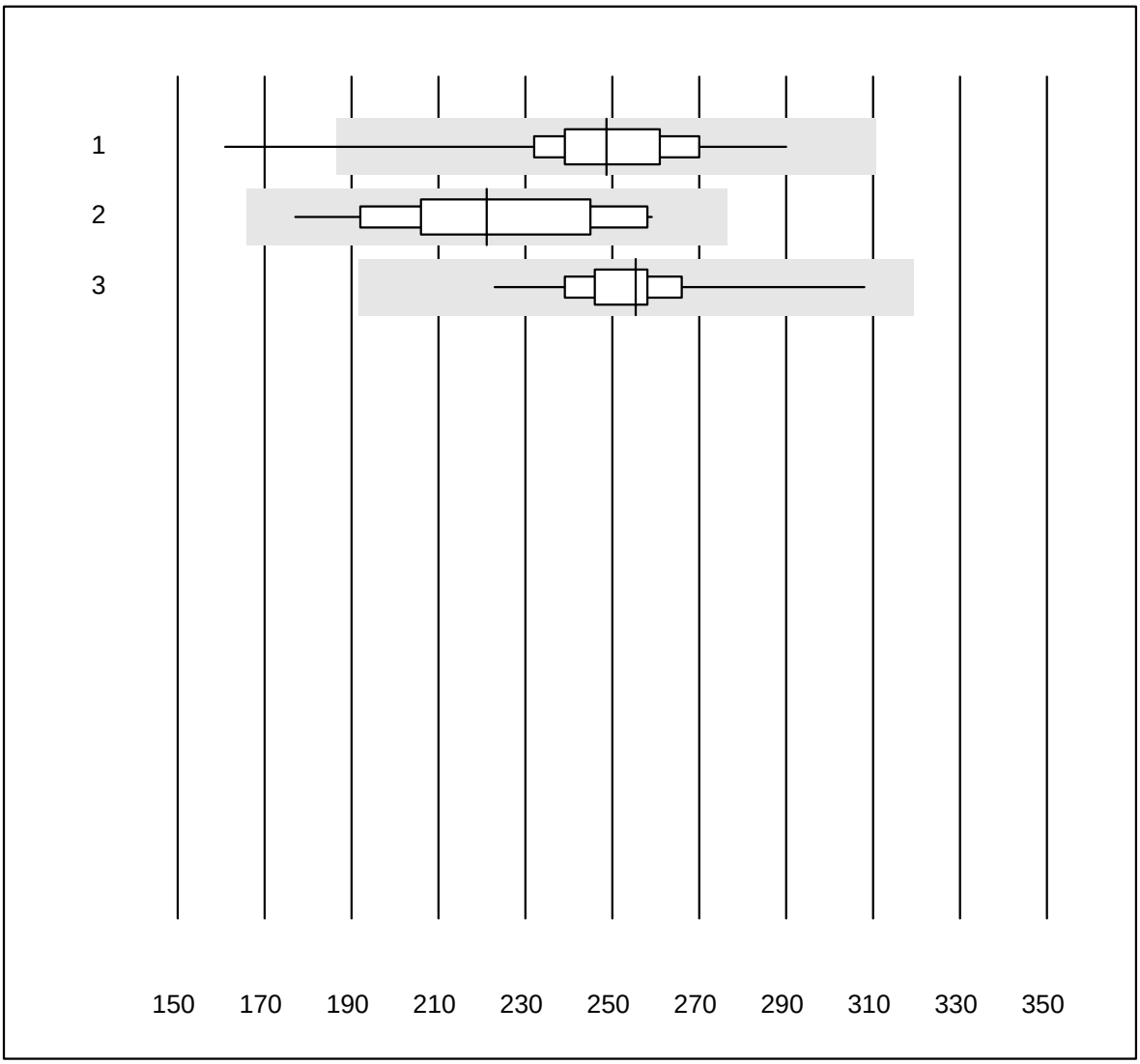


QUALAB Toleranz : 25 %

Leucociti (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	59	98.3	0.0	1.7	12.94	2.6	e
2	Advia	11	100.0	0.0	0.0	12.61	3.9	e
3	ABX Pentra	12	100.0	0.0	0.0	12.62	5.4	e

Trombociti

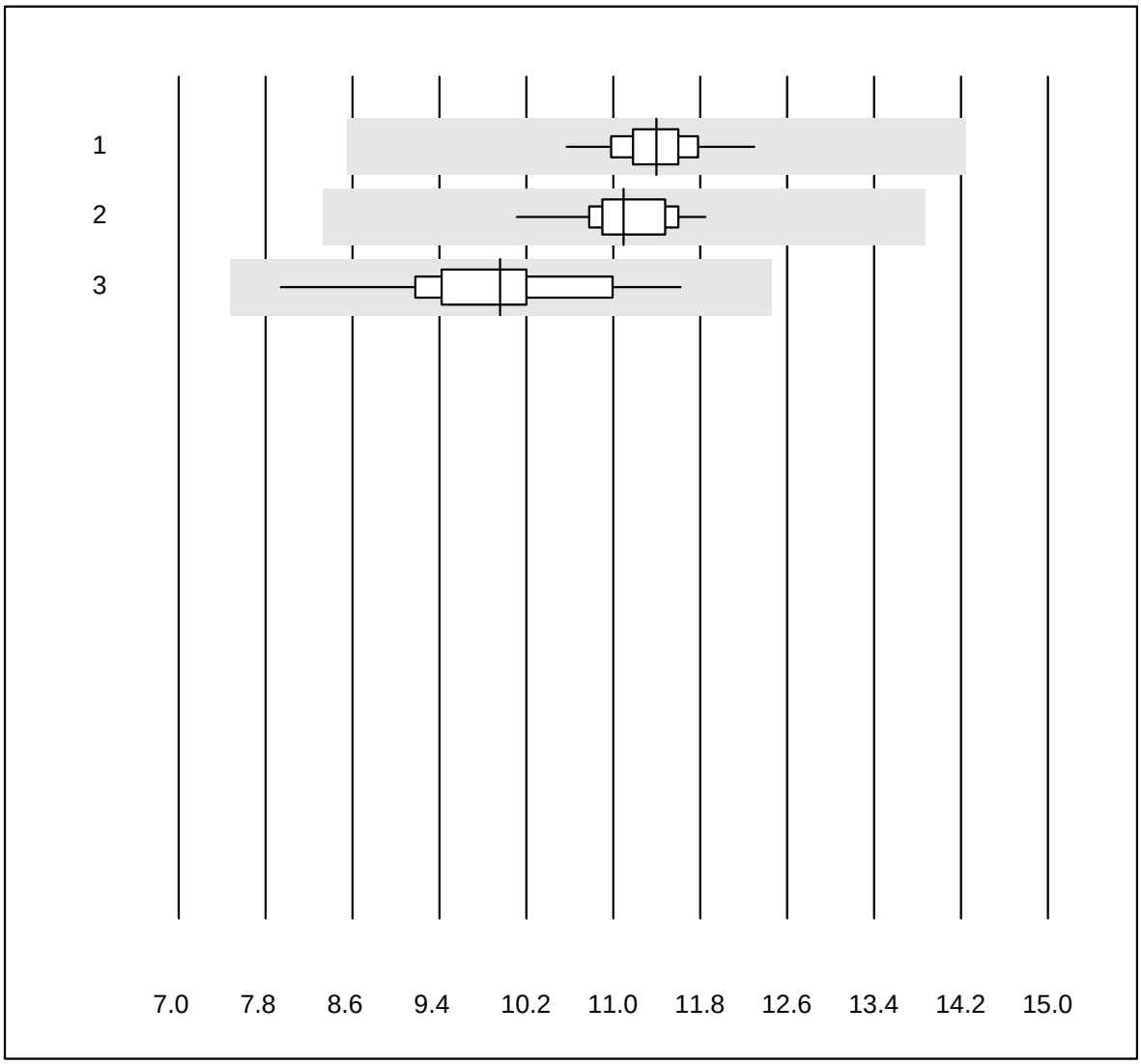


QUALAB Toleranz : 25 %

Trombociti (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	59	98.3	1.7	0.0	248.6	7.6	e
2	Advia	11	100.0	0.0	0.0	221.1	11.6	e*
3	ABX Pentra	12	100.0	0.0	0.0	255.4	7.8	e

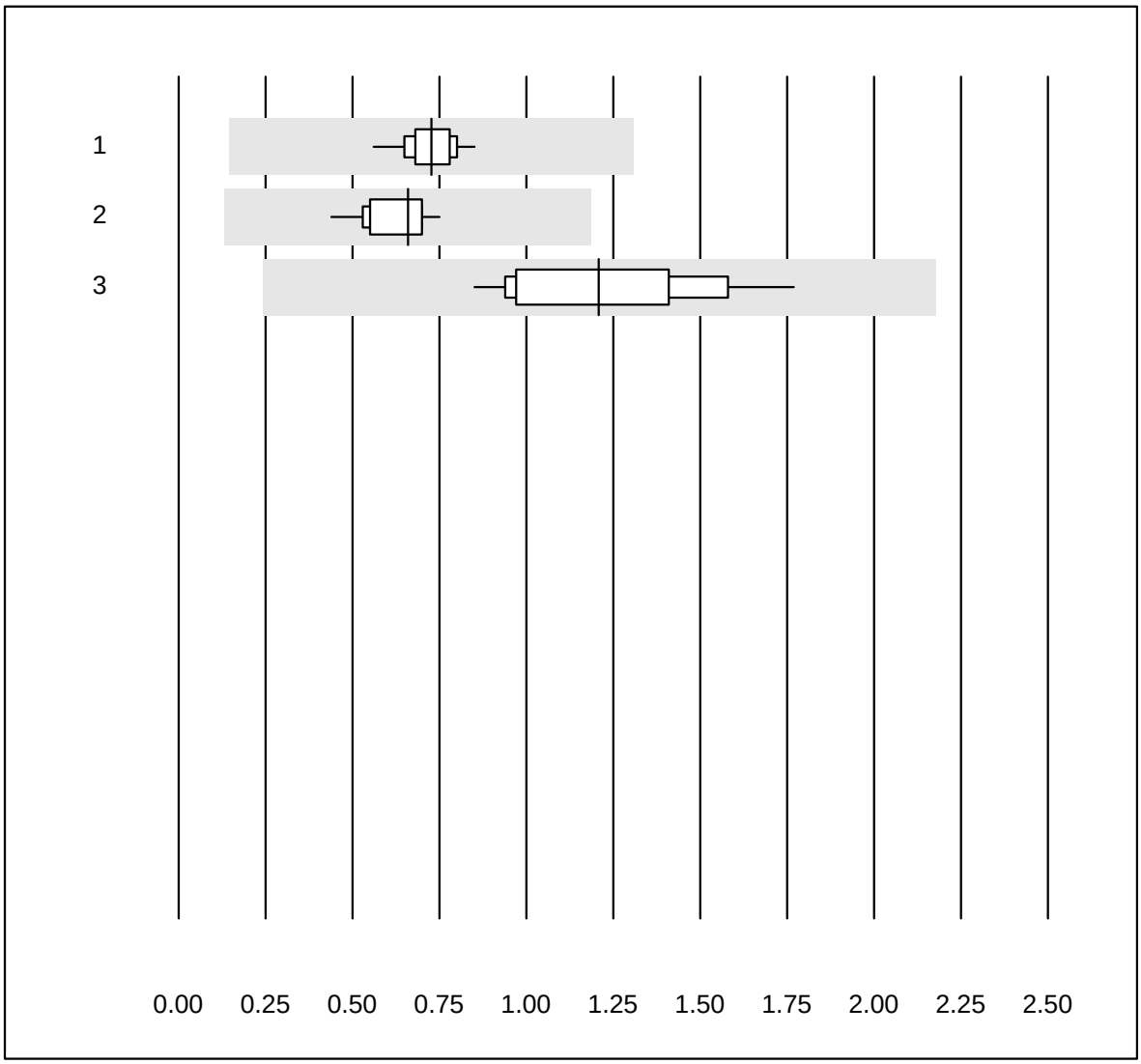
Neutrofili



Tolleranza MQ : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	58	100.0	0.0	0.0	11.39	2.9	e
2	Advia	11	100.0	0.0	0.0	11.10	4.2	e
3	ABX Pentra	12	100.0	0.0	0.0	9.96	9.1	e

Linfociti

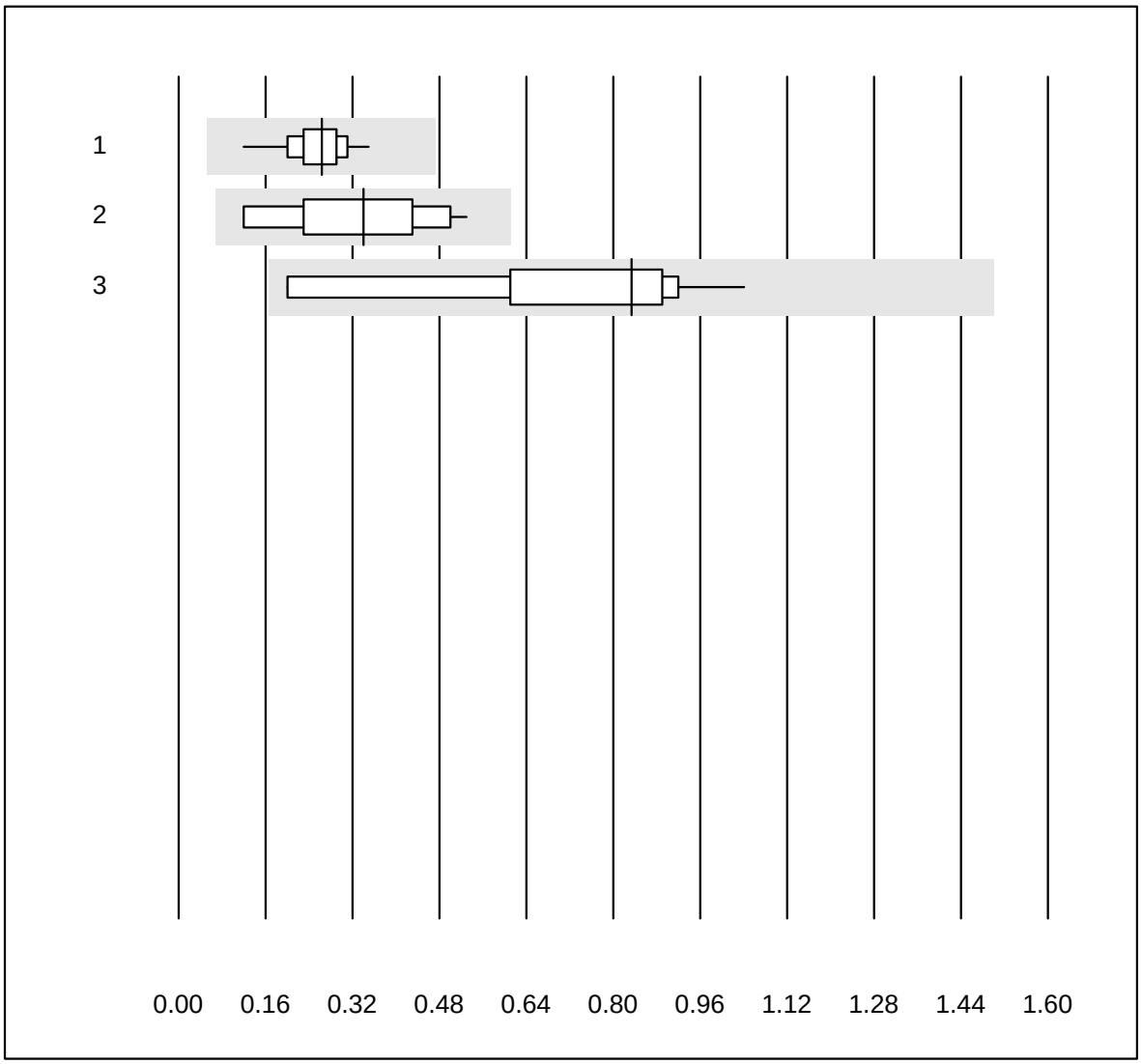


Tolleranza MQ : 25 %

Linfociti (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	59	100.0	0.0	0.0	0.73	8.8	a
2	Advia	11	100.0	0.0	0.0	0.66	14.9	a
3	ABX Pentra	12	100.0	0.0	0.0	1.21	22.6	a

Monociti

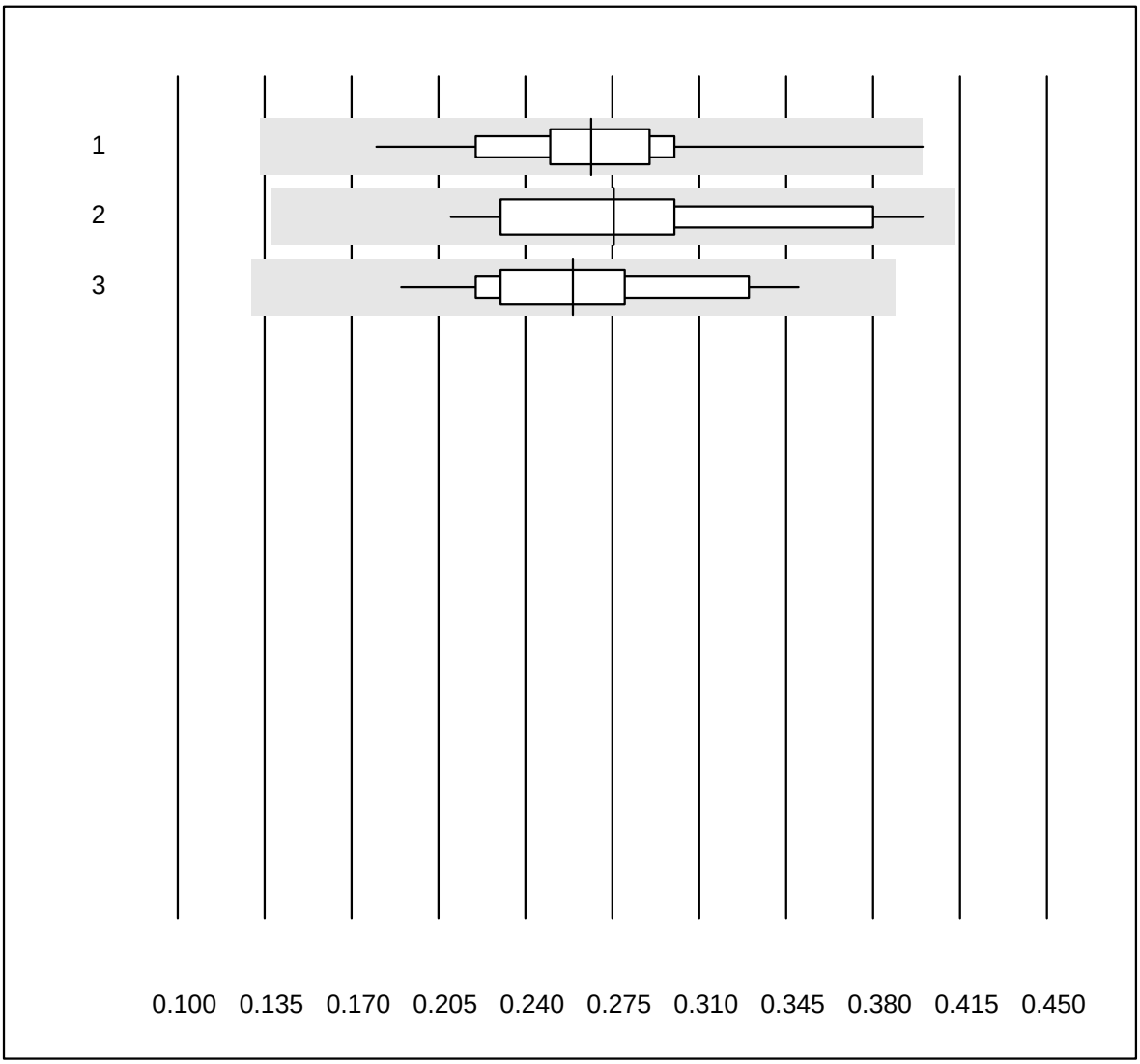


Tolleranza MQ : 25 %

Monociti (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	59	100.0	0.0	0.0	0.26	18.8	a
2	Advia	11	90.9	0.0	9.1	0.34	41.2	a
3	ABX Pentra	12	83.3	0.0	16.7	0.83	33.1	a

Eosinofili

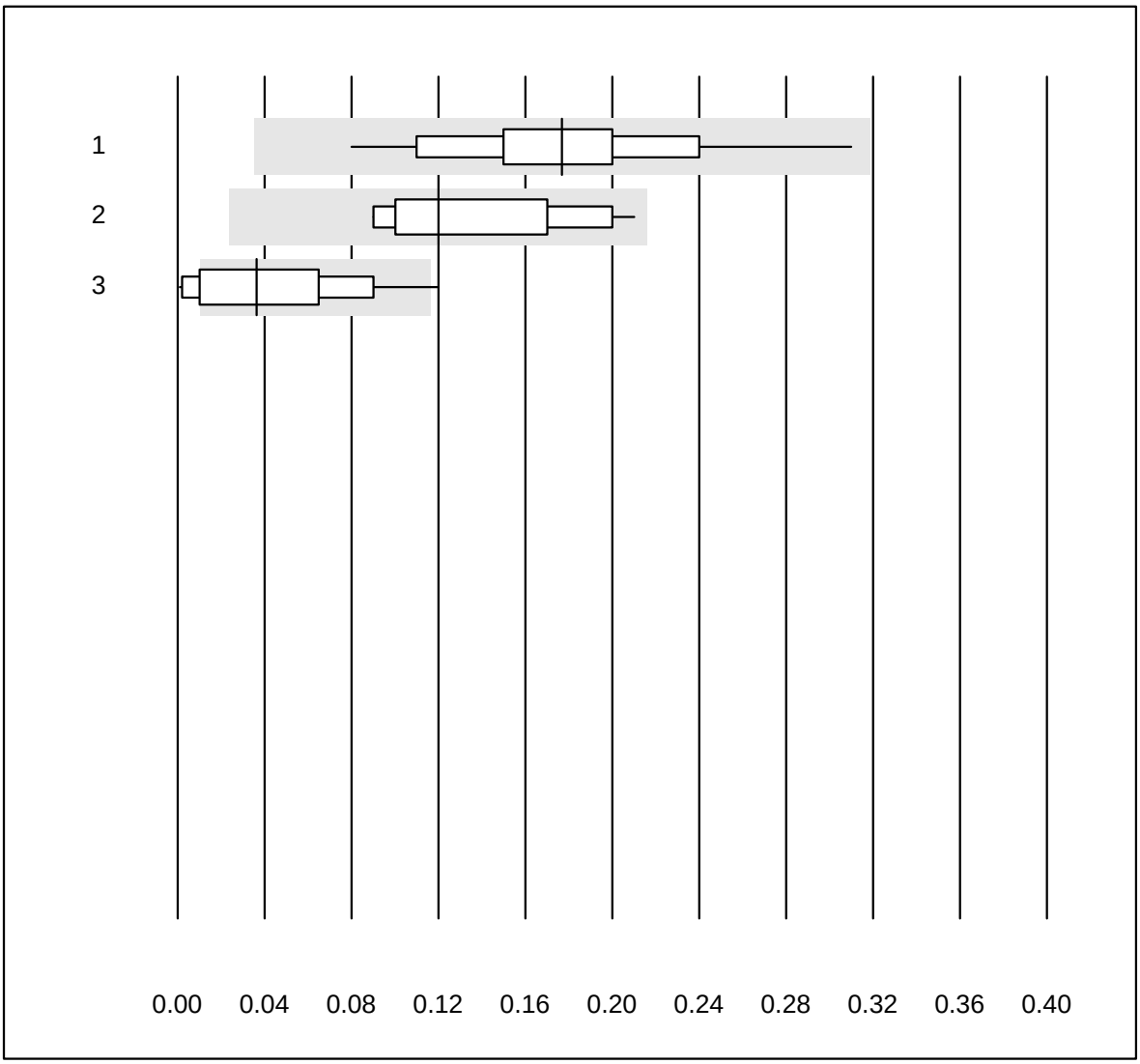


Tolleranza MQ : 50 %

Eosinofili (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	59	98.3	1.7	0.0	0.27	12.4	e
2	Advia	11	100.0	0.0	0.0	0.28	22.5	e*
3	ABX Pentra	12	100.0	0.0	0.0	0.26	18.2	e

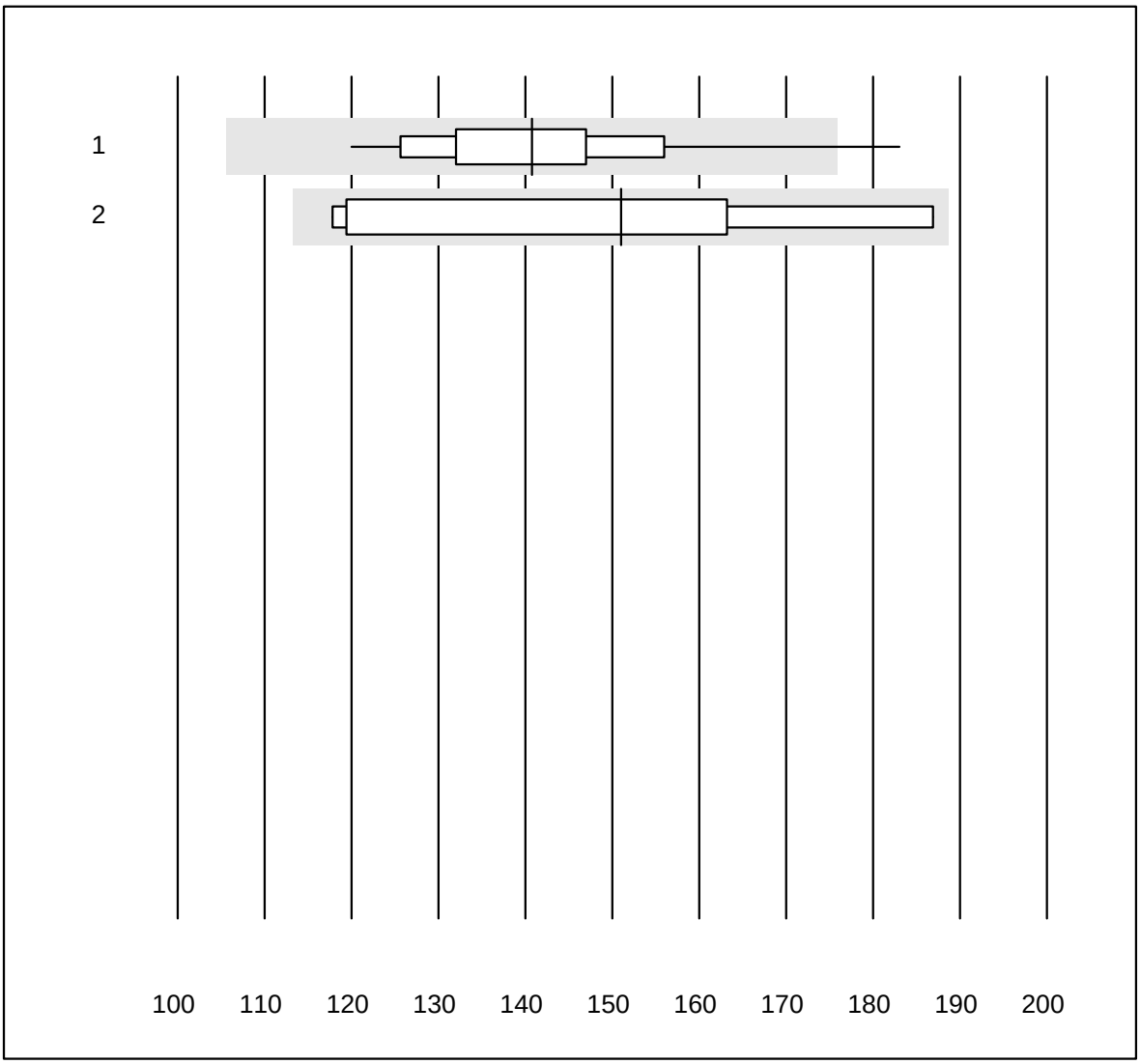
Basofili



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

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	59	100.0	0.0	0.0	0.18	27.7	e
2	Advia	10	100.0	0.0	0.0	0.12	31.5	a
3	ABX Pentra	11	90.9	9.1	0.0	0.04	107.3	e*

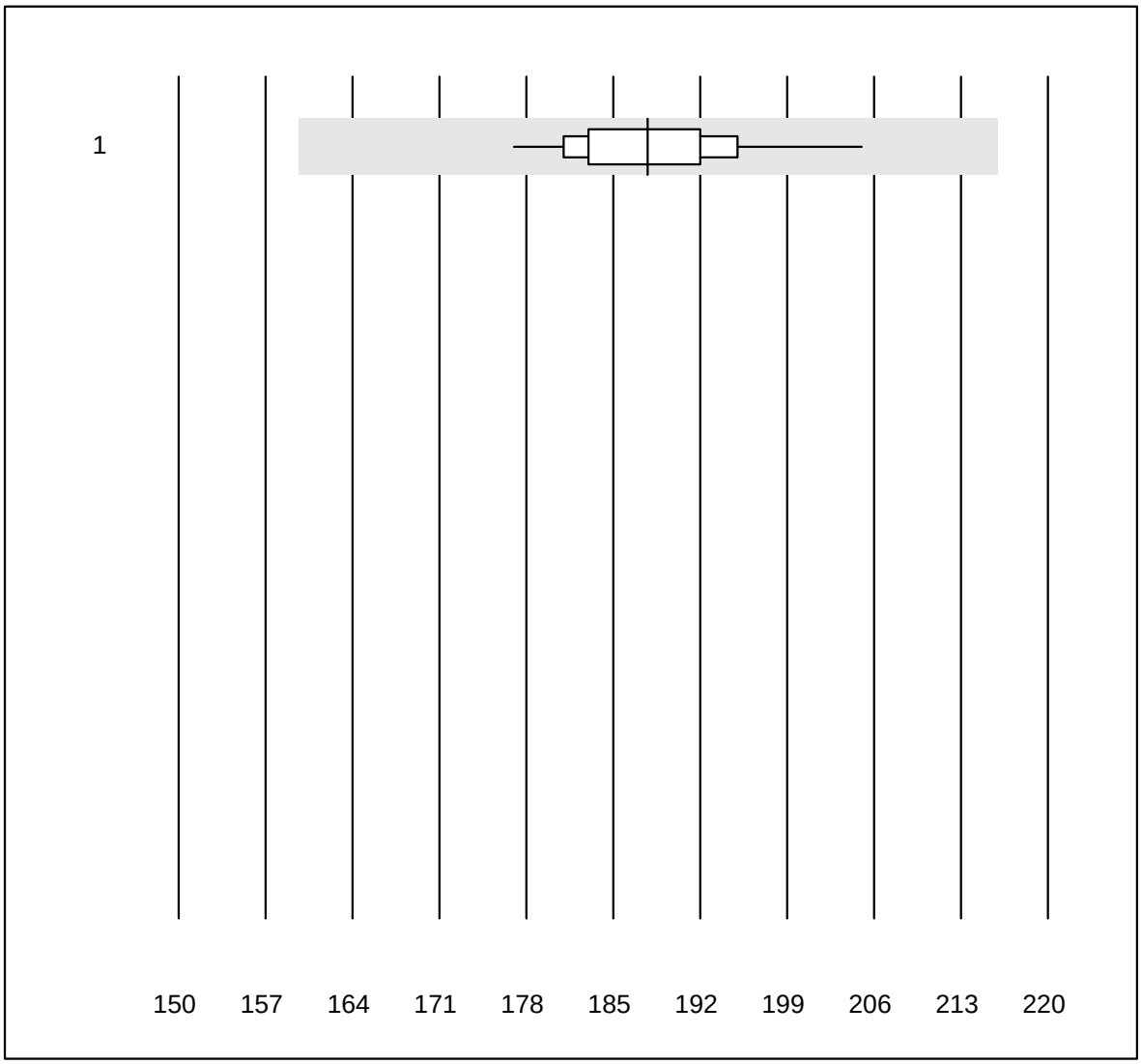
Reticolociti



Tolleranza MQ : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	34	97.1	2.9	0.0	140.7	9.5	e
2	Advia	8	100.0	0.0	0.0	151.0	18.7	a

Hämolyseindex Probe A

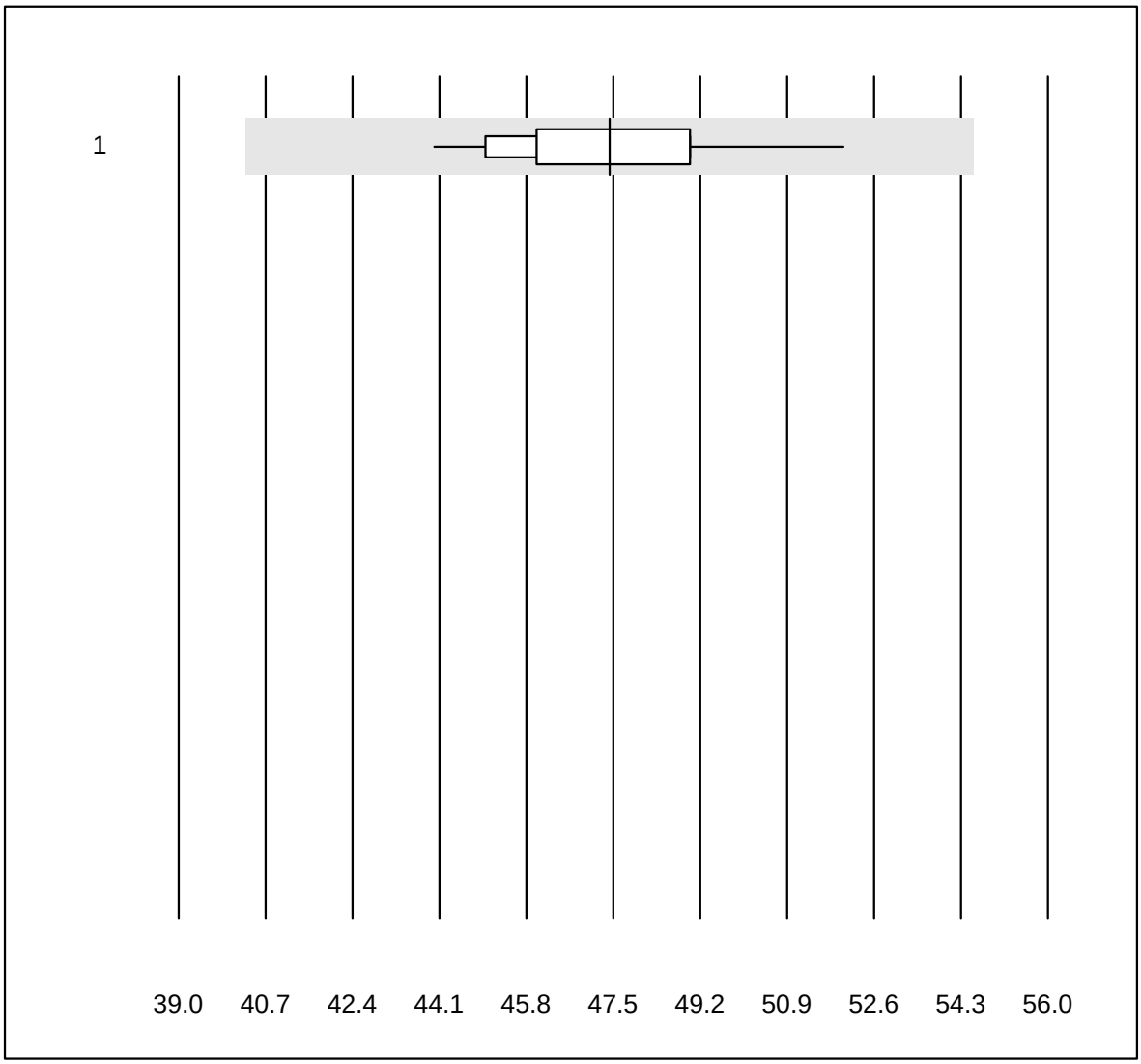


Tolleranza MQ : 15 %

Hämolyseindex Probe A ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	14	100.0	0.0	0.0	187.79	3.8	e

Hämolyseindex Probe B

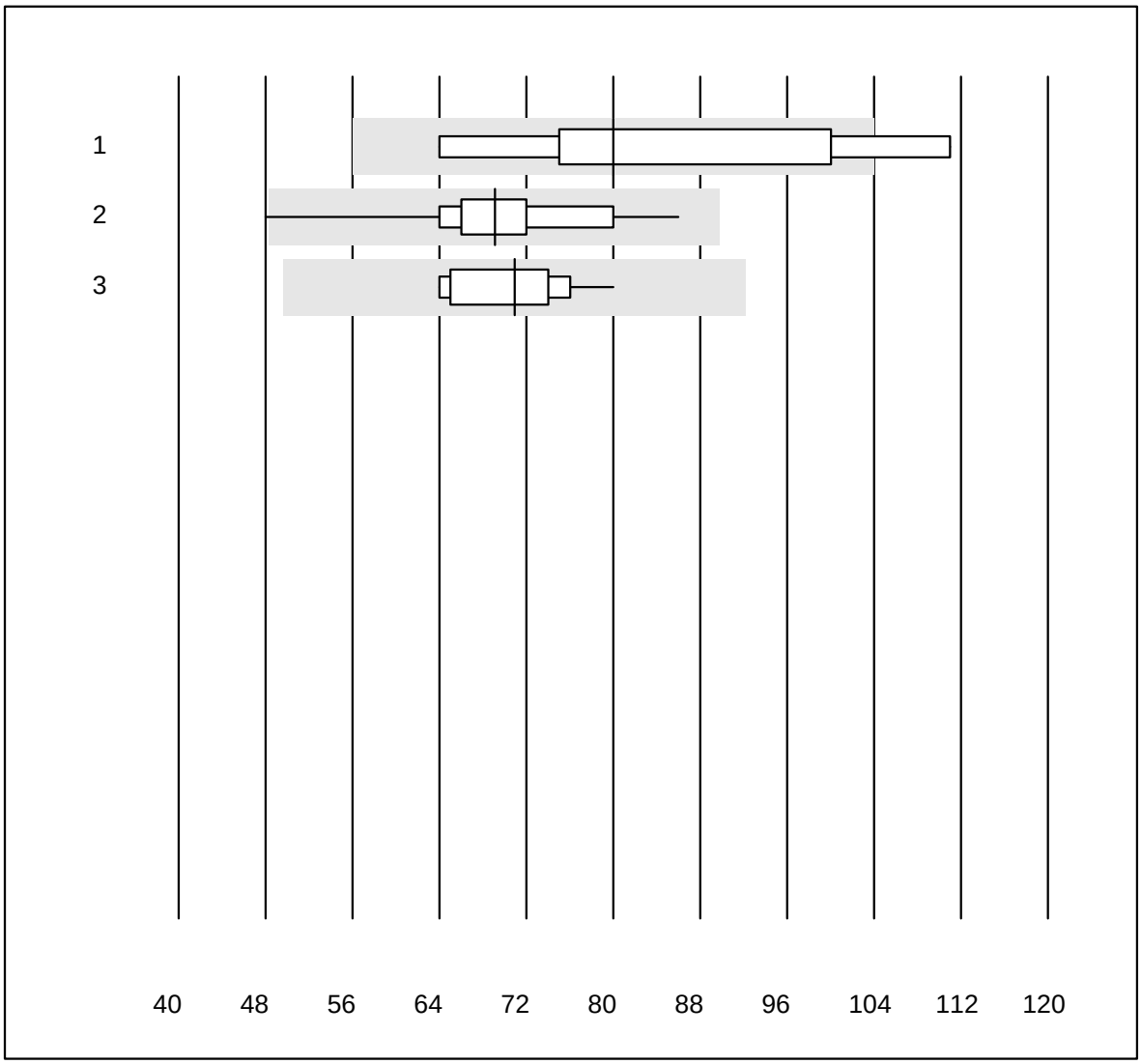


Tolleranza MQ : 15 %

Hämolyseindex Probe B ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	14	100.0	0.0	0.0	47.43	4.3	e

Velocità di eritrosedimentazione 1h

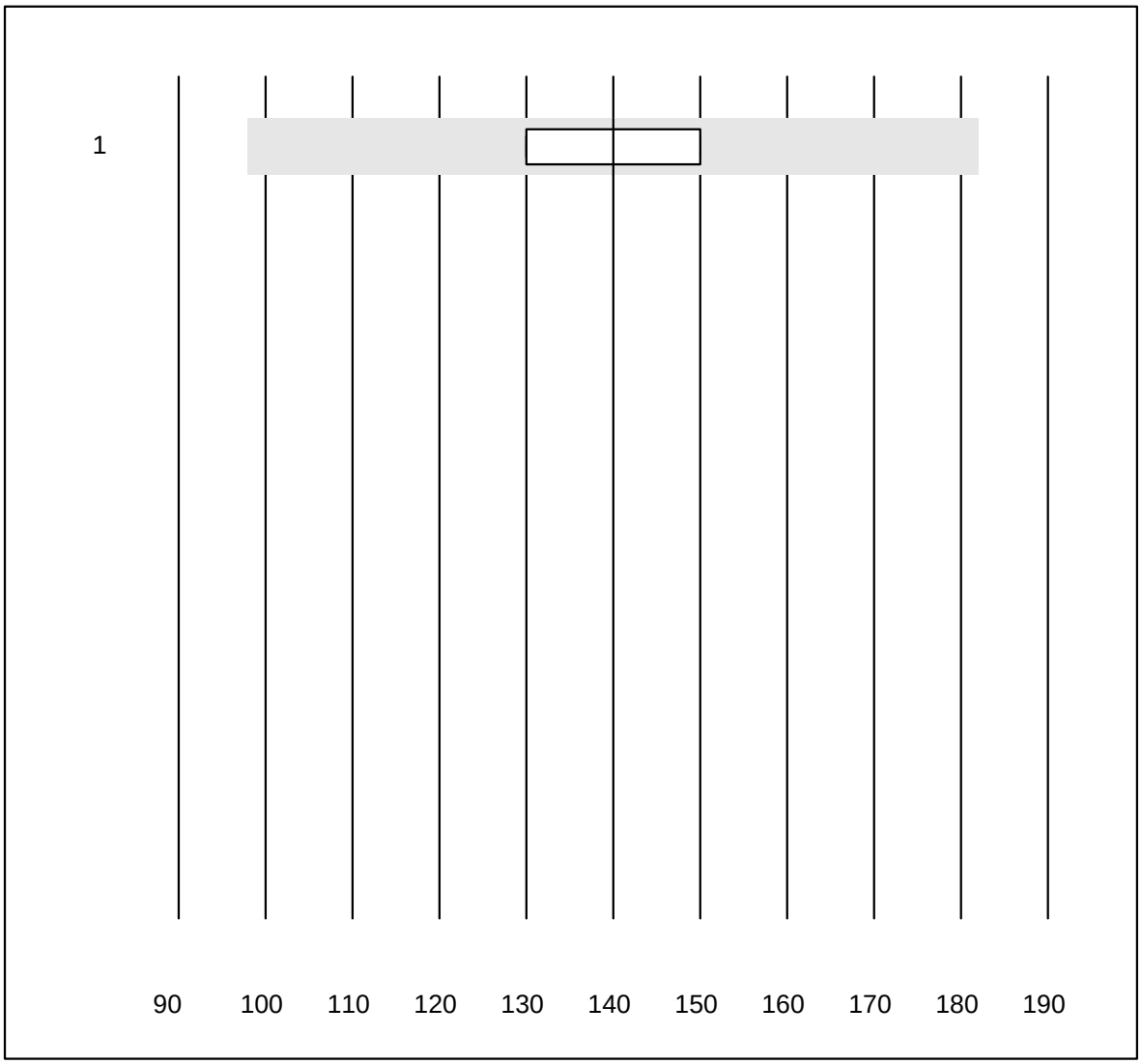


Tolleranza MQ : 30 %

Velocità di eritrosedimentazione 1h (mm/h)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	MINI-CUBE	7	57.1	14.3	28.6	80	22.9	a
2	Sarstedt Sedivette	13	92.3	7.7	0.0	69	12.8	e
3	BD Seditainer	24	91.7	0.0	8.3	71	7.2	e

Velocità di eritrosedimentazione 2h

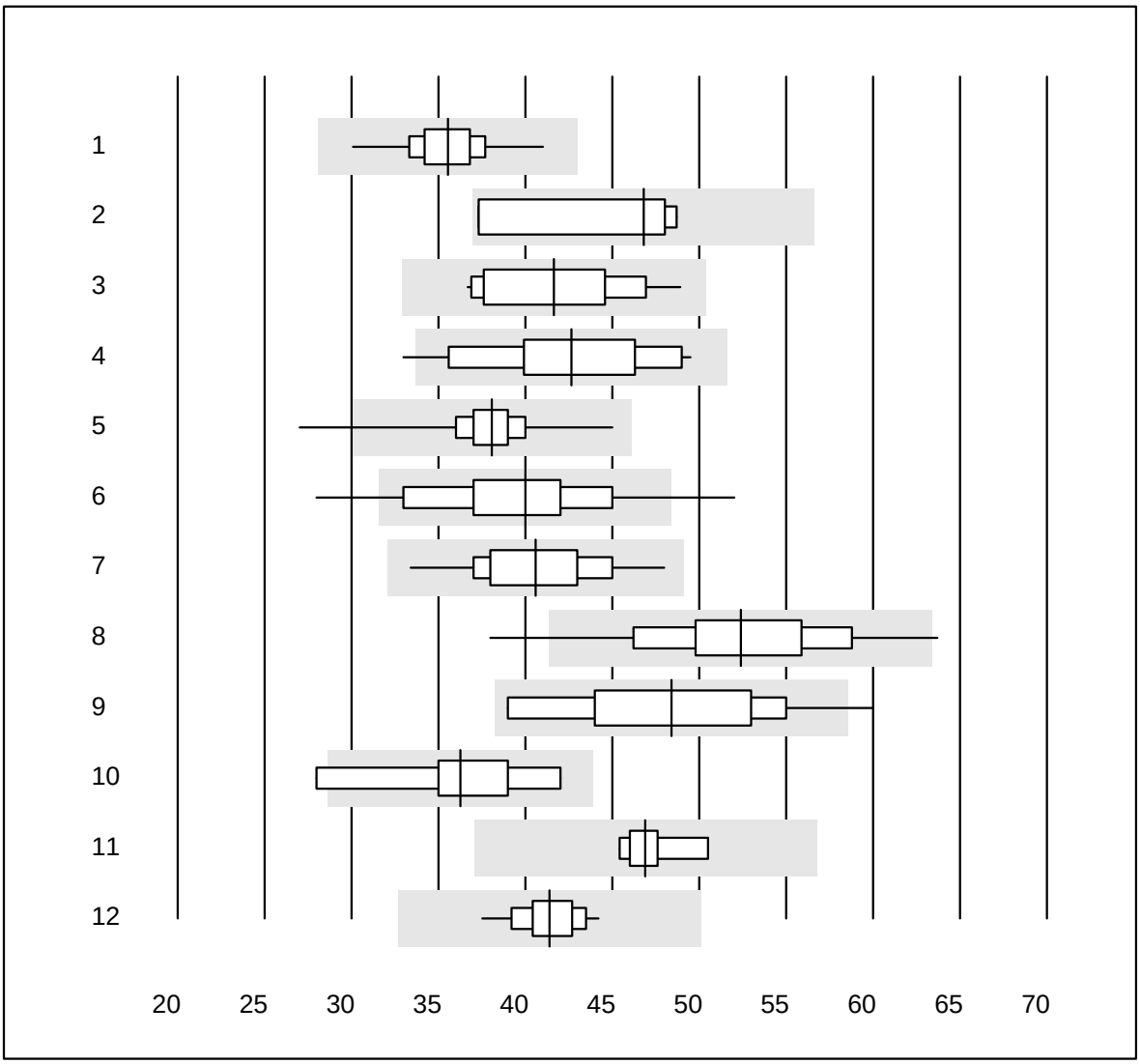


Tolleranza MQ : 30 %

Velocità di eritrosedimentazione 2h (mm/2h)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	BD Seditainer	4	100.0	0.0	0.0	140	8.2	e*

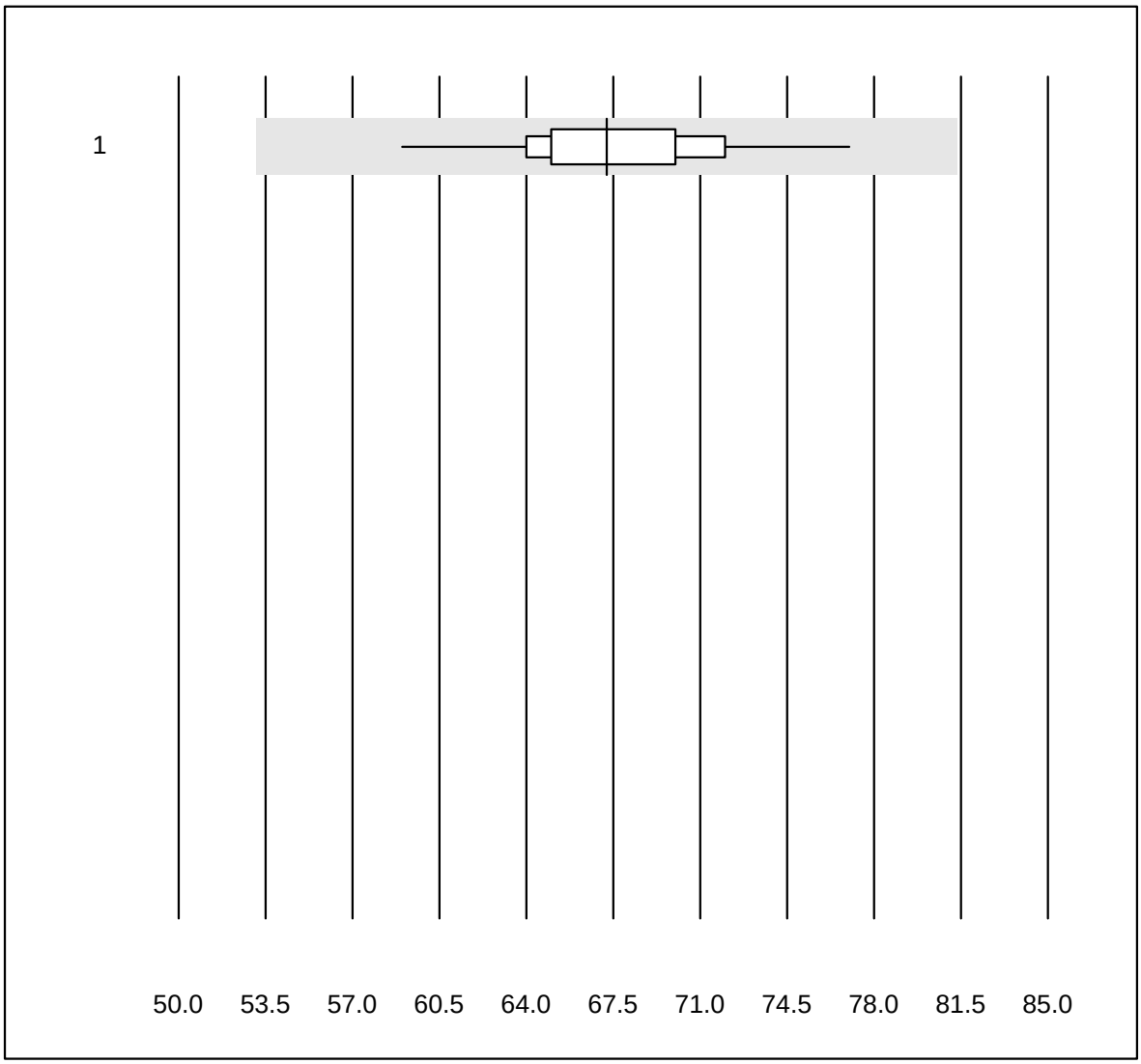
CRP



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b101	208	100.0	0.0	0.0	35.5	4.9	e
2	IChroma	4	100.0	0.0	0.0	46.8	11.7	e*
3	Cobas	20	100.0	0.0	0.0	41.6	9.5	e
4	Turbidimetrie	19	89.4	5.3	5.3	42.6	10.4	e
5	Afinion	1321	99.5	0.3	0.2	38.1	5.0	e
6	NycoCard SingleTest-	155	78.8	7.7	13.5	40.0	11.7	e
7	Quick Read go	115	98.3	0.0	1.7	40.6	8.1	e
8	Eurolyser	106	84.9	1.9	13.2	52.4	9.1	e
9	Fuji Dri-Chem	15	80.0	6.7	13.3	48.4	13.1	e*
10	Autolyser/DiaSys	10	80.0	10.0	10.0	36.3	11.4	e*
11	Piccolo	5	100.0	0.0	0.0	46.9	4.2	e
12	Celltac chemi	45	100.0	0.0	0.0	41.4	4.1	e

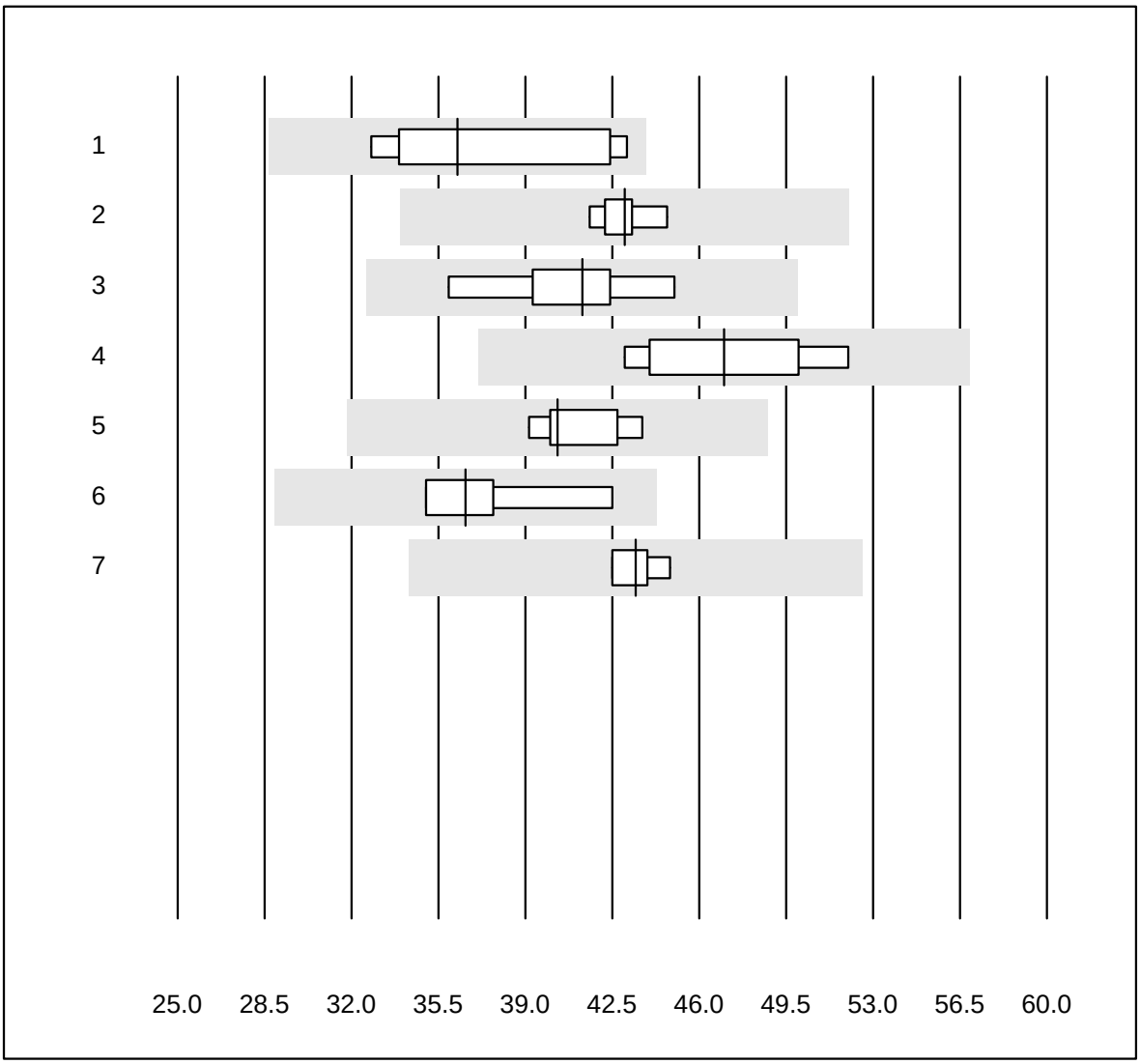
CRP



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	QuickRead (sangue)	53	96.2	0.0	3.8	67.2	5.2	e

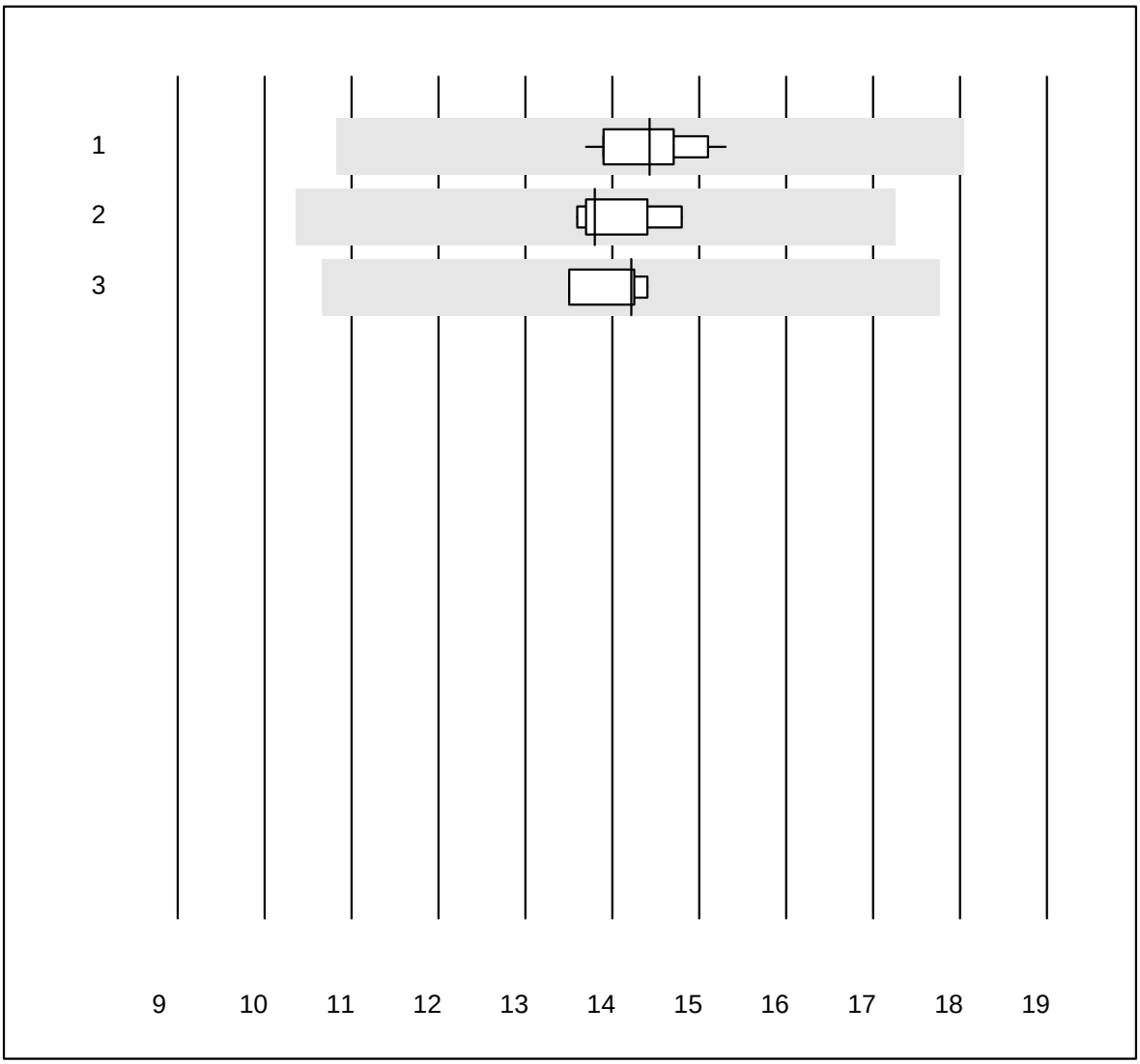
CRP



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Spinit	7	85.7	0.0	14.3	36.3	11.4	e*
2	Architect	5	100.0	0.0	0.0	43.0	2.7	e
3	Beckman	8	100.0	0.0	0.0	41.3	6.5	e
4	AQT 90 FLEX	7	100.0	0.0	0.0	47.0	7.1	e*
5	Spotchem D-Concept	7	100.0	0.0	0.0	40.3	3.9	e
6	Spotchem SI-3510	4	100.0	0.0	0.0	36.6	9.1	e*
7	altro	4	100.0	0.0	0.0	43.5	2.4	e

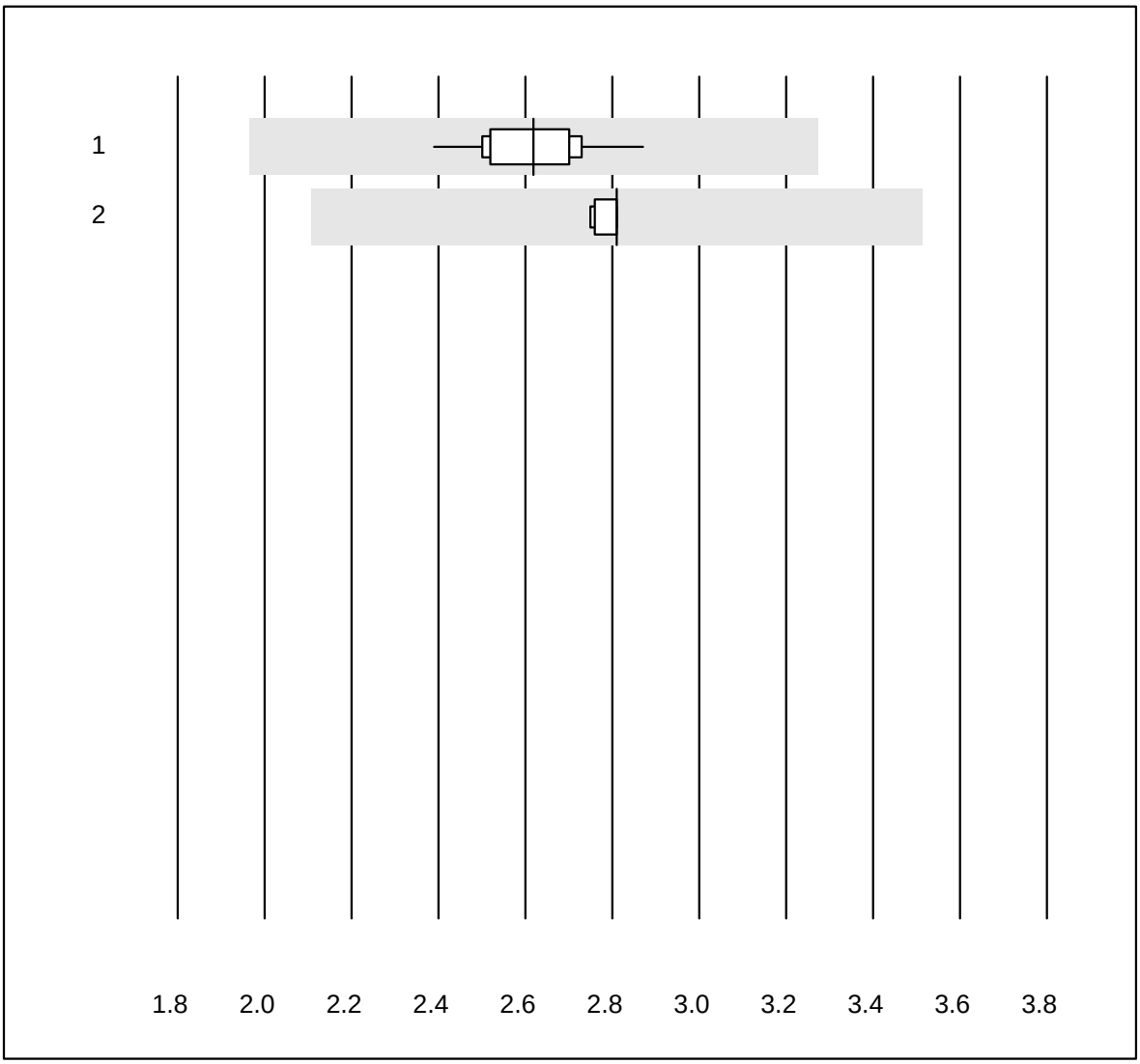
IgG



QUALAB Toleranz : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Turbidimetrie	14	100.0	0.0	0.0	14.4	3.4	e
2	Nephelometrie	5	100.0	0.0	0.0	13.8	3.7	e
3	altro	4	100.0	0.0	0.0	14.2	2.8	e

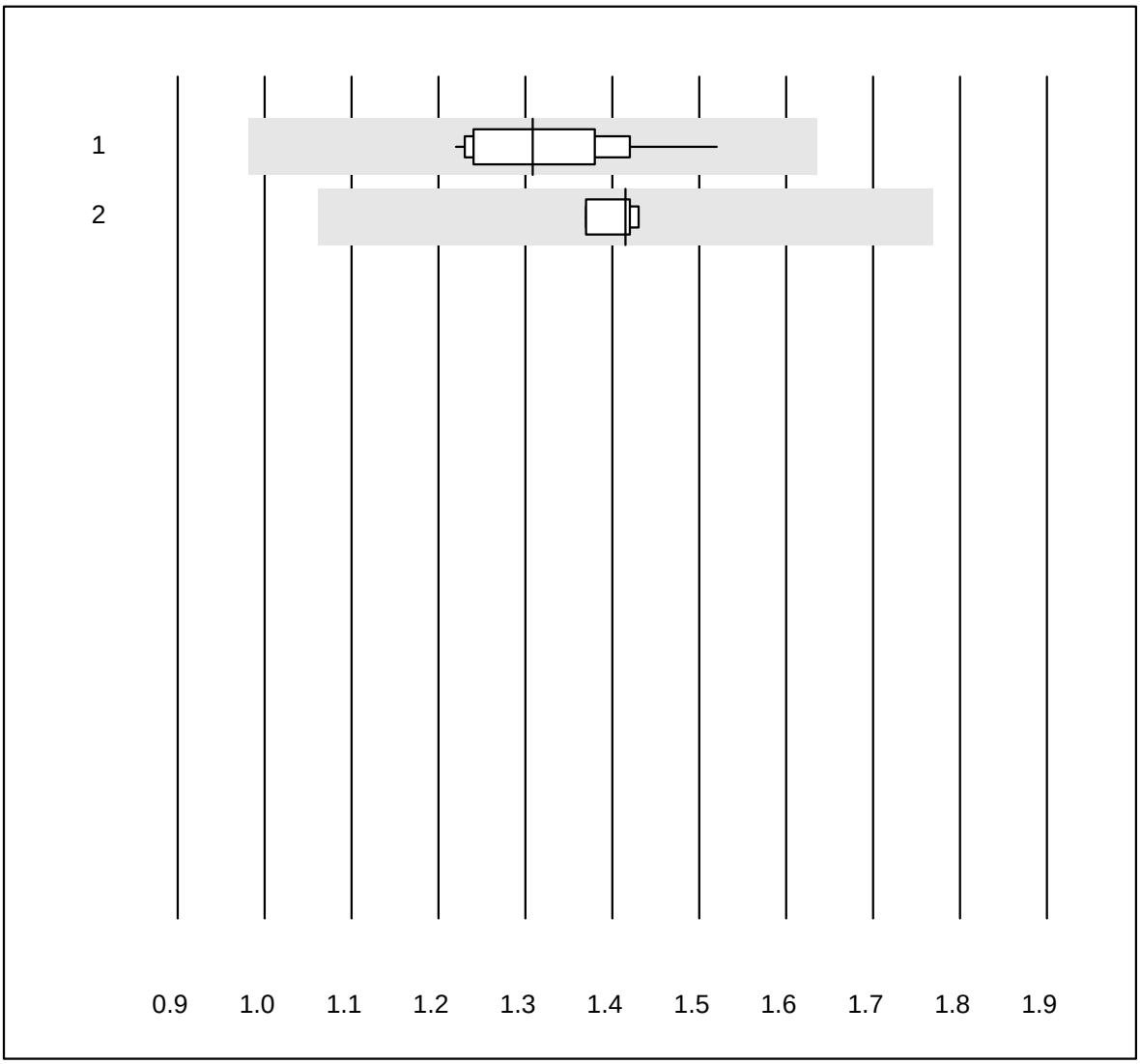
IgA



QUALAB Toleranz : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Turbidimetrie	14	100.0	0.0	0.0	2.6	4.6	e
2	Nephelometrie	5	100.0	0.0	0.0	2.8	1.1	e

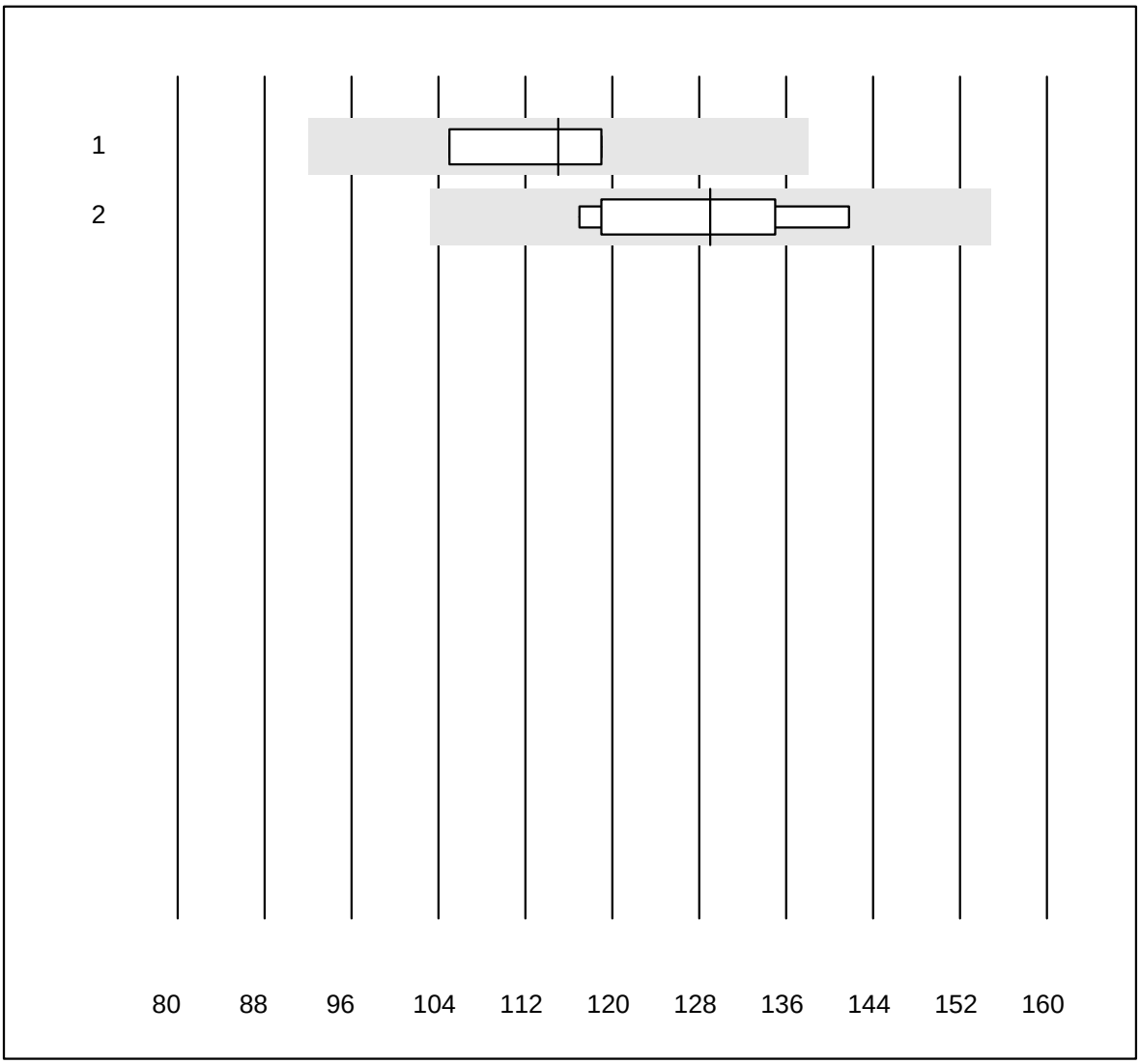
IgM



QUALAB Toleranz : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Turbidimetrie	15	100.0	0.0	0.0	1.3	6.6	e
2	Nephelometrie	4	100.0	0.0	0.0	1.4	1.9	e

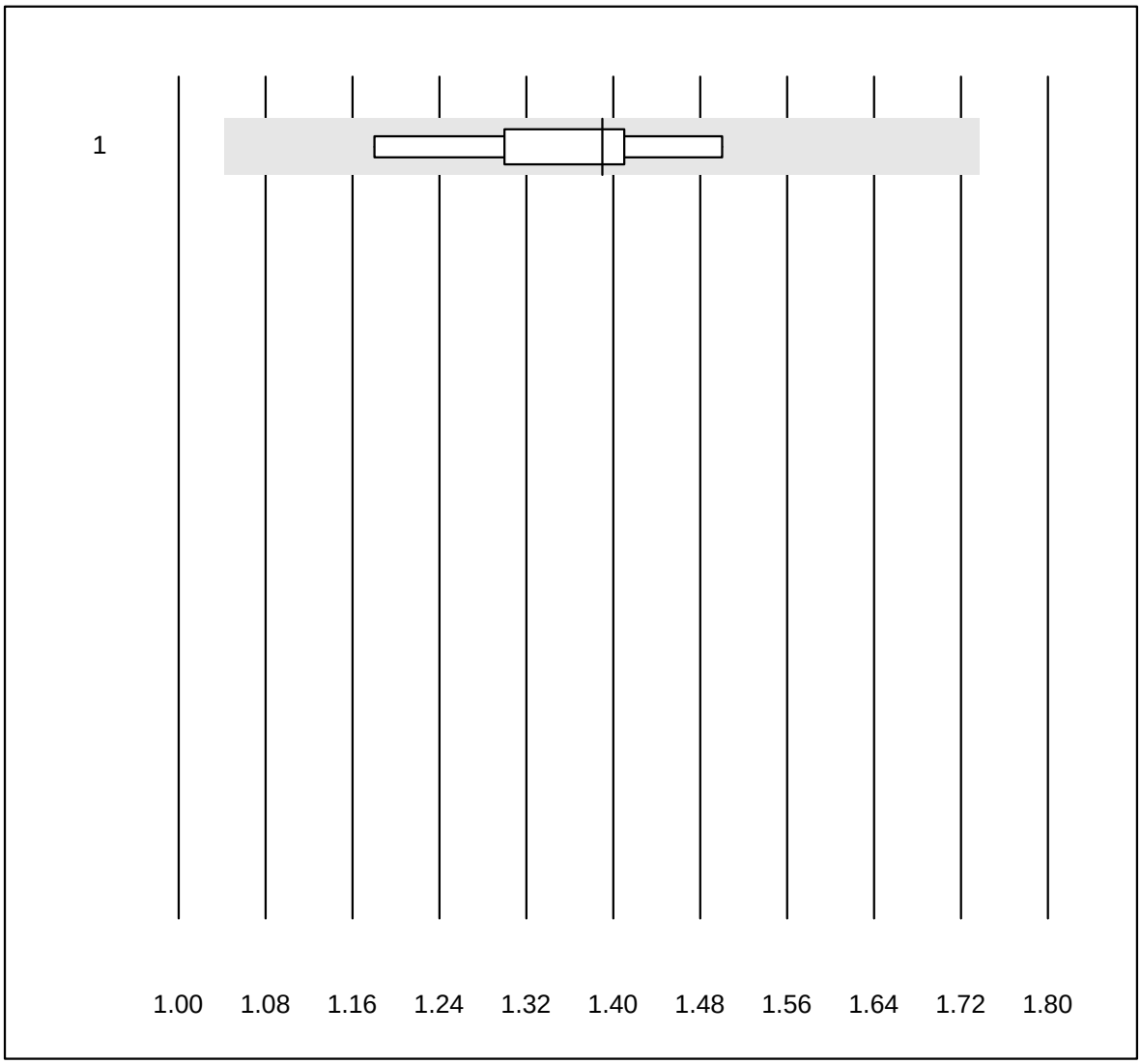
IgE



QUALAB Toleranz : 20 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	115	6.0	e*
2	Cobas	5	100.0	0.0	0.0	129	8.2	e*

Alpha-1-Antitripsina

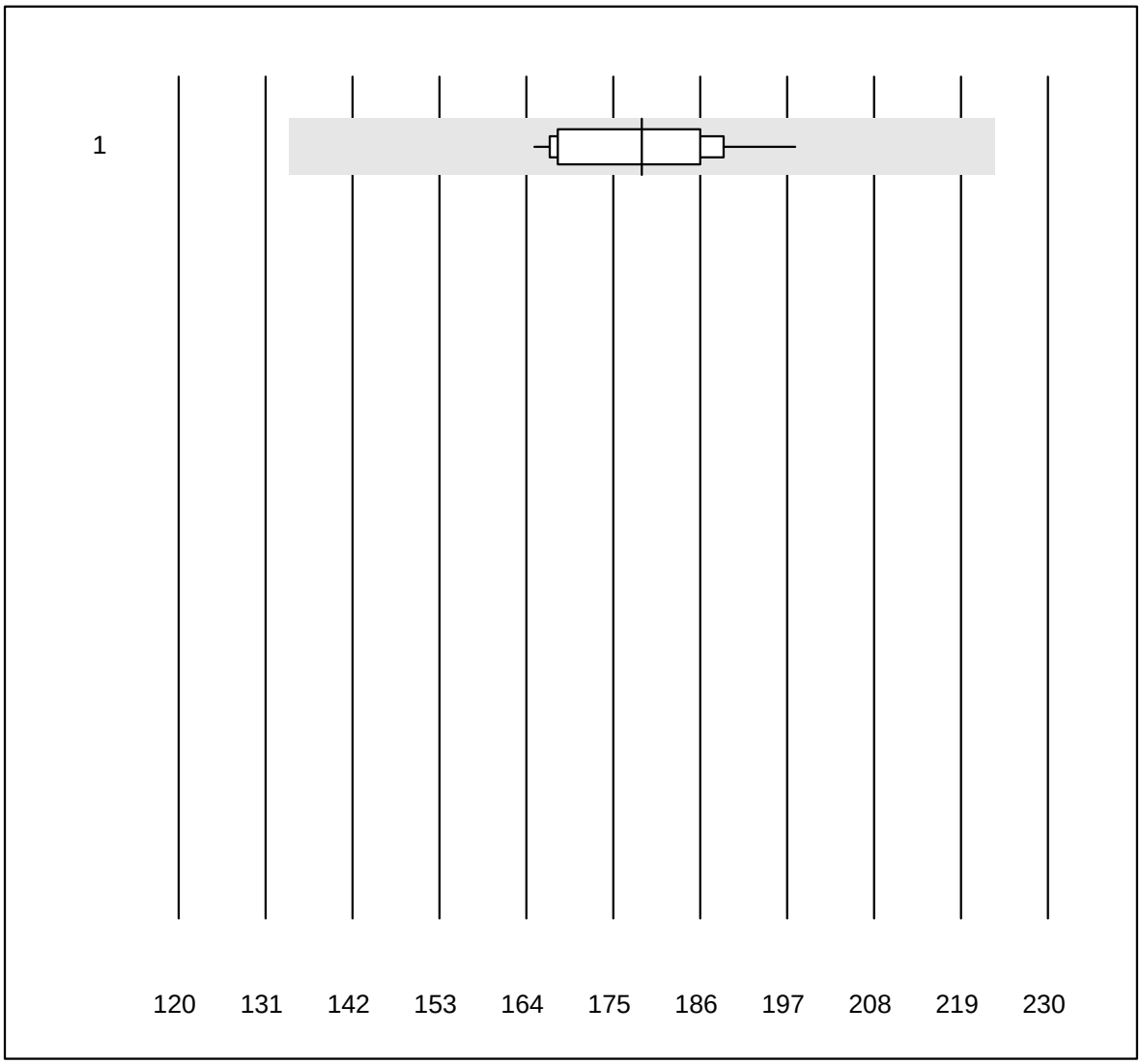


Tolleranza MQ : 25 %

Alpha-1-Antitripsina (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	7	100.0	0.0	0.0	1.39	7.6	e

Anticorpi anti-streptolisina

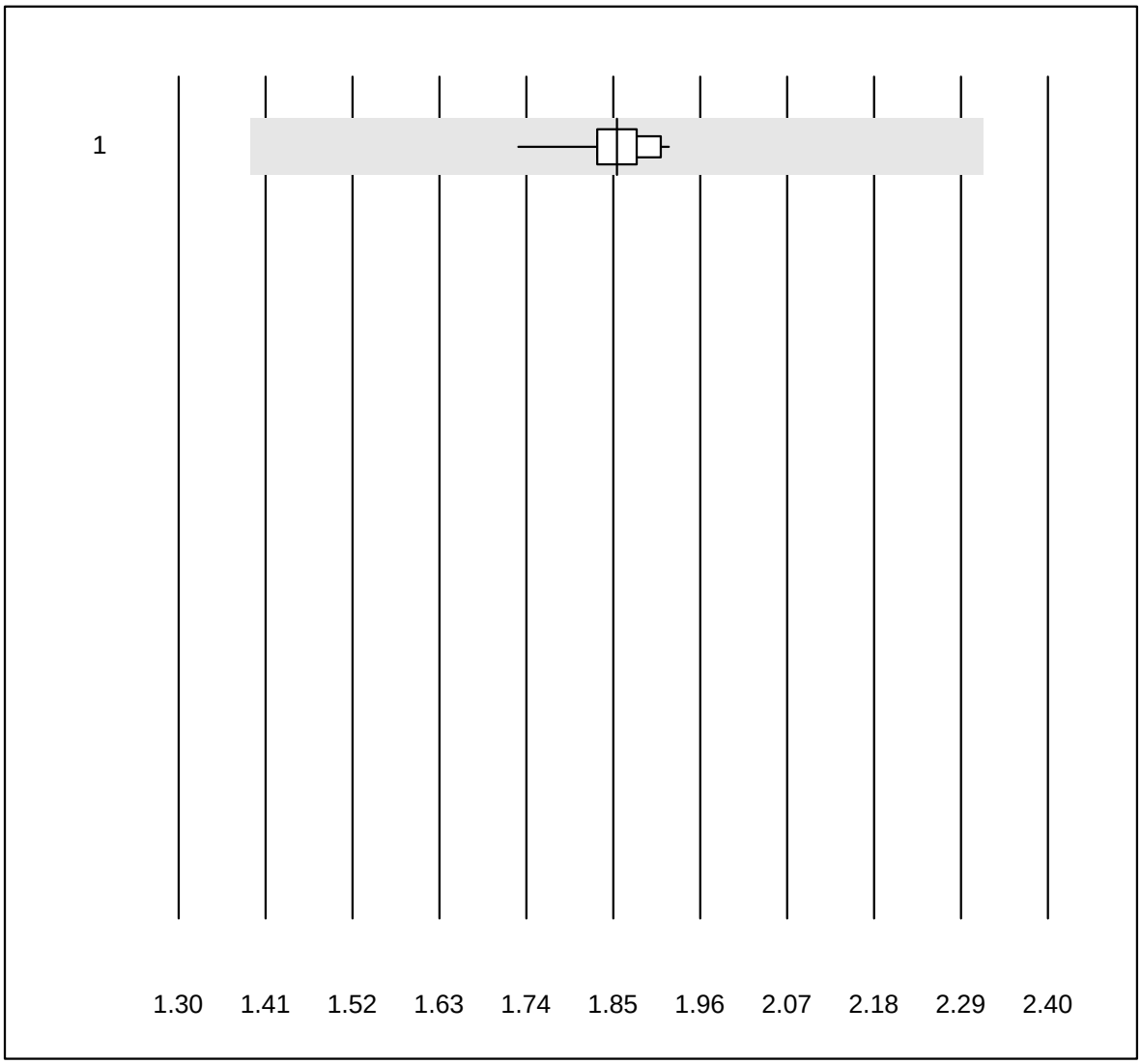


Tolleranza MQ : 25 %

Anticorpi anti-streptolisina (kIU/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	11	100.0	0.0	0.0	179	5.7	e

Complemento C3

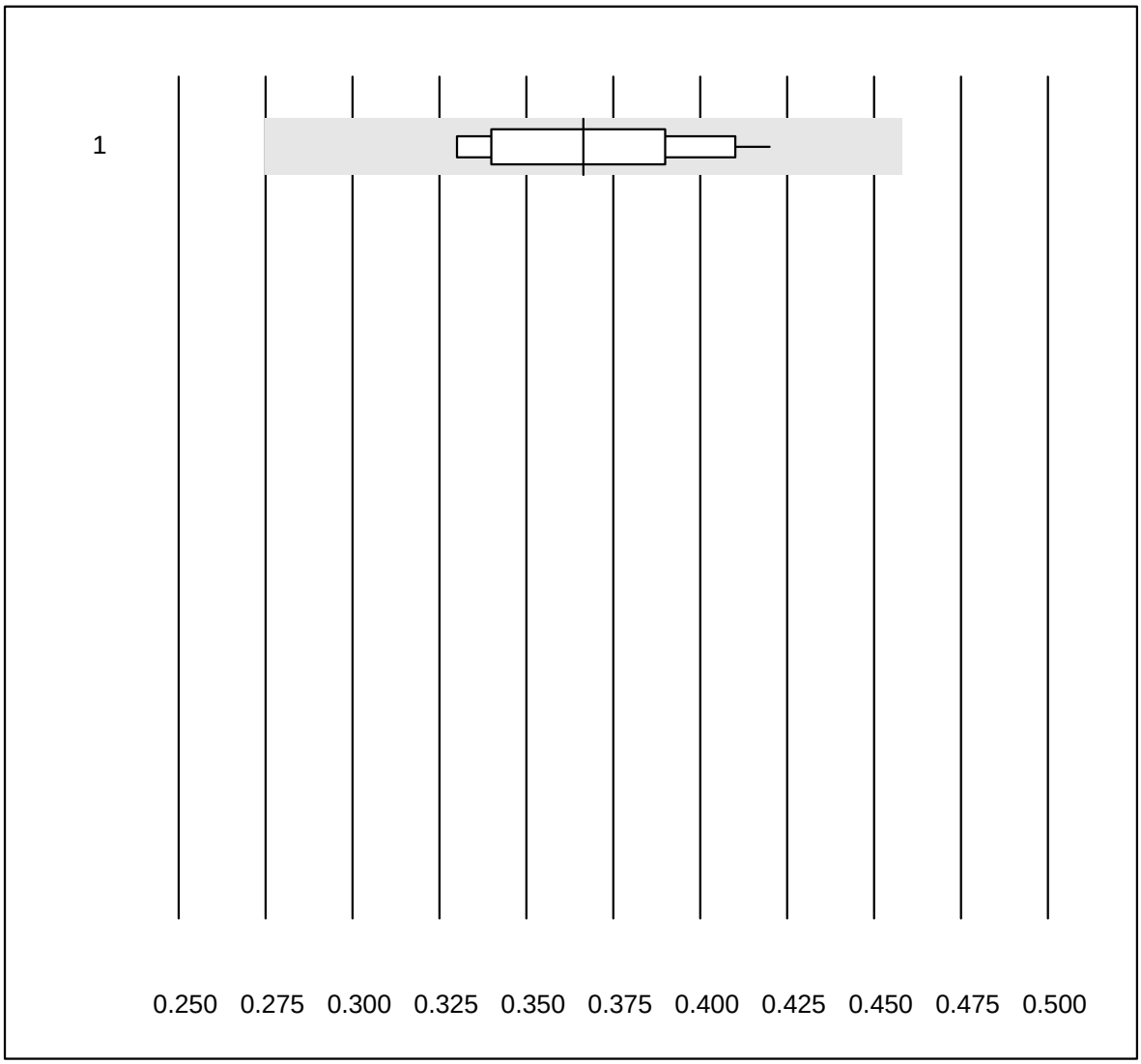


Tolleranza MQ : 25 %

Complemento C3 (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	14	100.0	0.0	0.0	1.86	2.6	e

Complemento C4

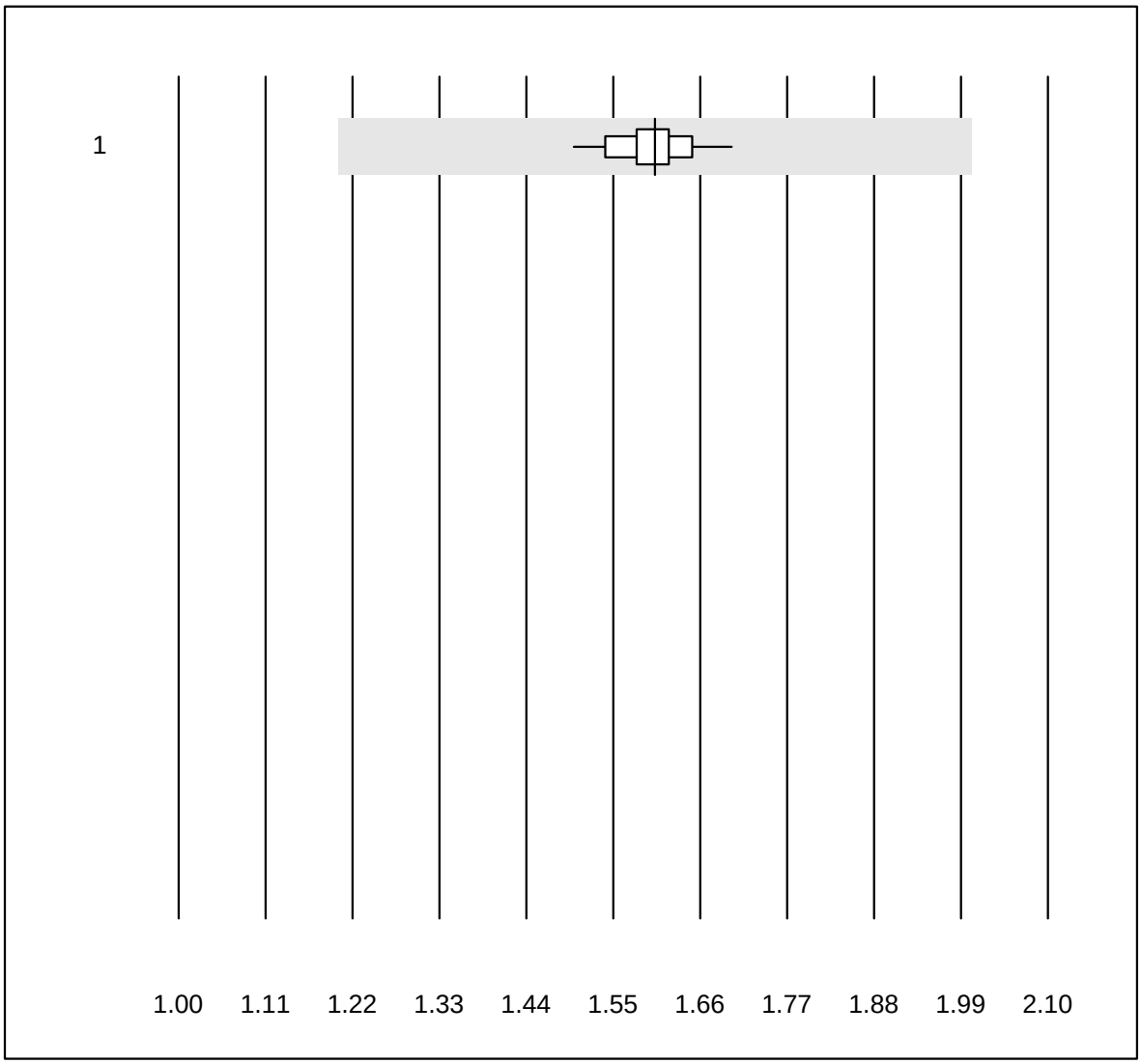


Tolleranza MQ : 25 %

Complemento C4 (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	13	100.0	0.0	0.0	0.37	8.3	e

Aptoglobina

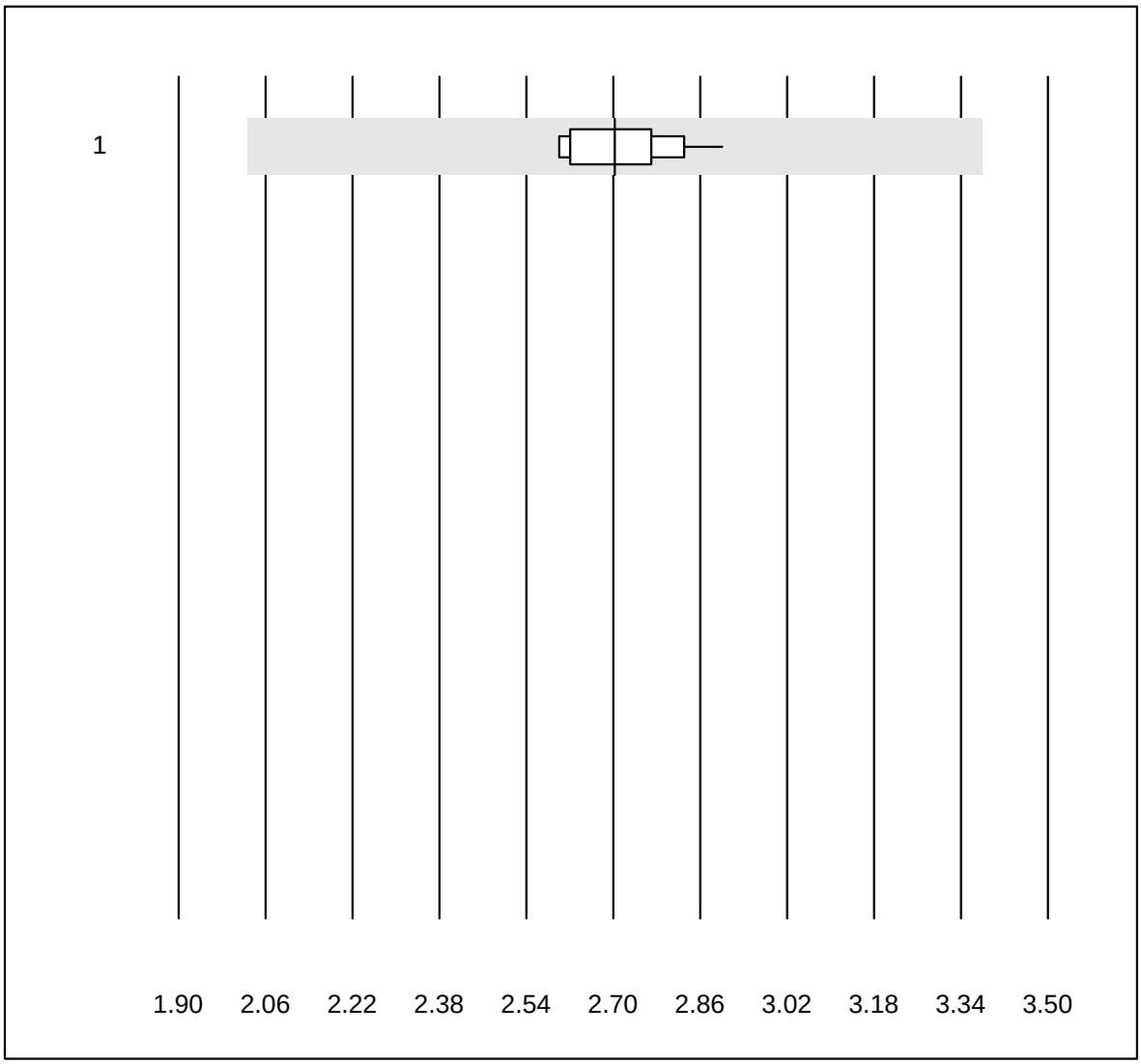


Tolleranza MQ : 25 %

Aptoglobina (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	16	100.0	0.0	0.0	1.60	2.8	e

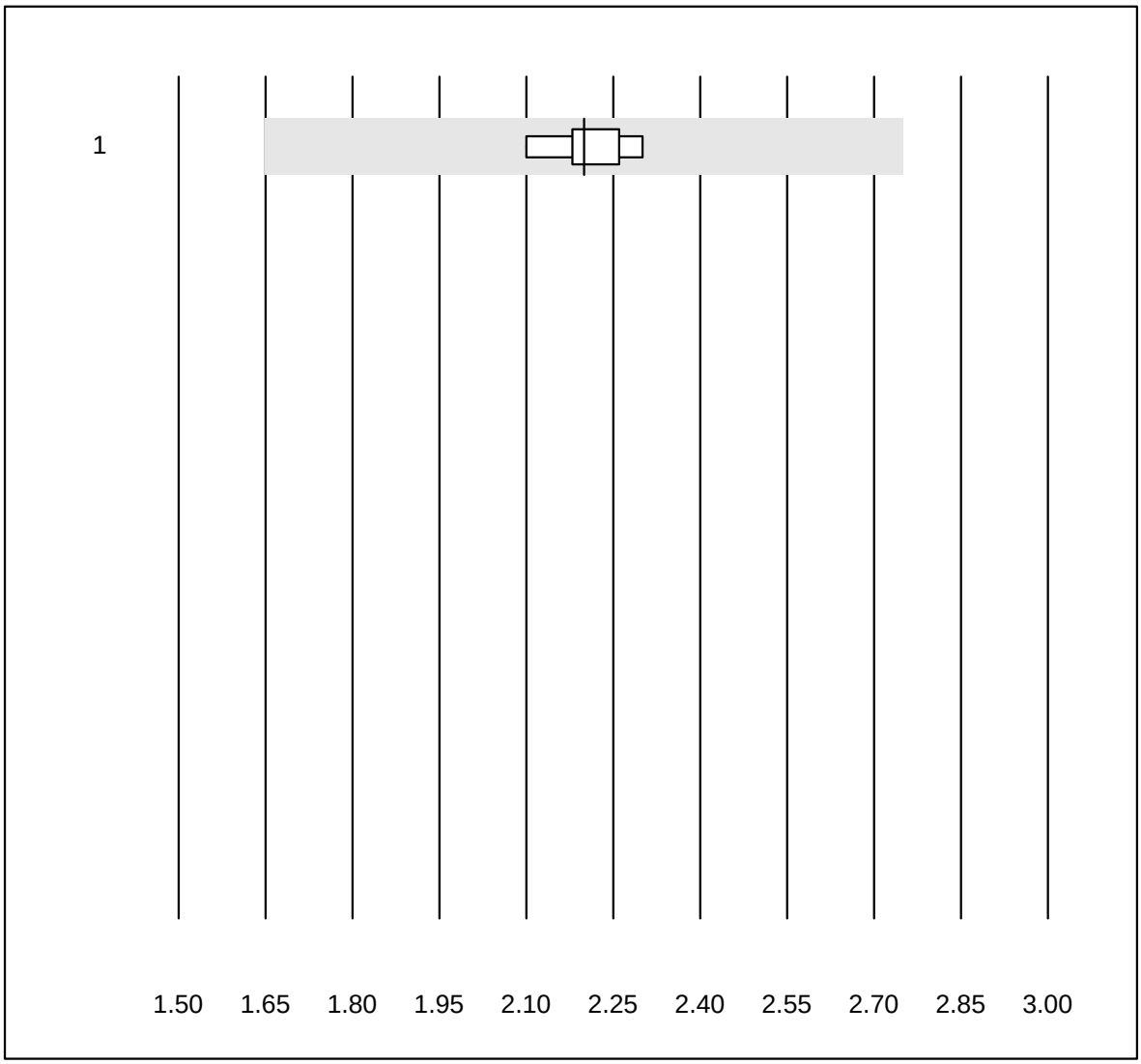
Transferrina



Tolleranza MQ : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	24	100.0	0.0	0.0	2.70	3.3	e

Beta-2-Mikroglobulin

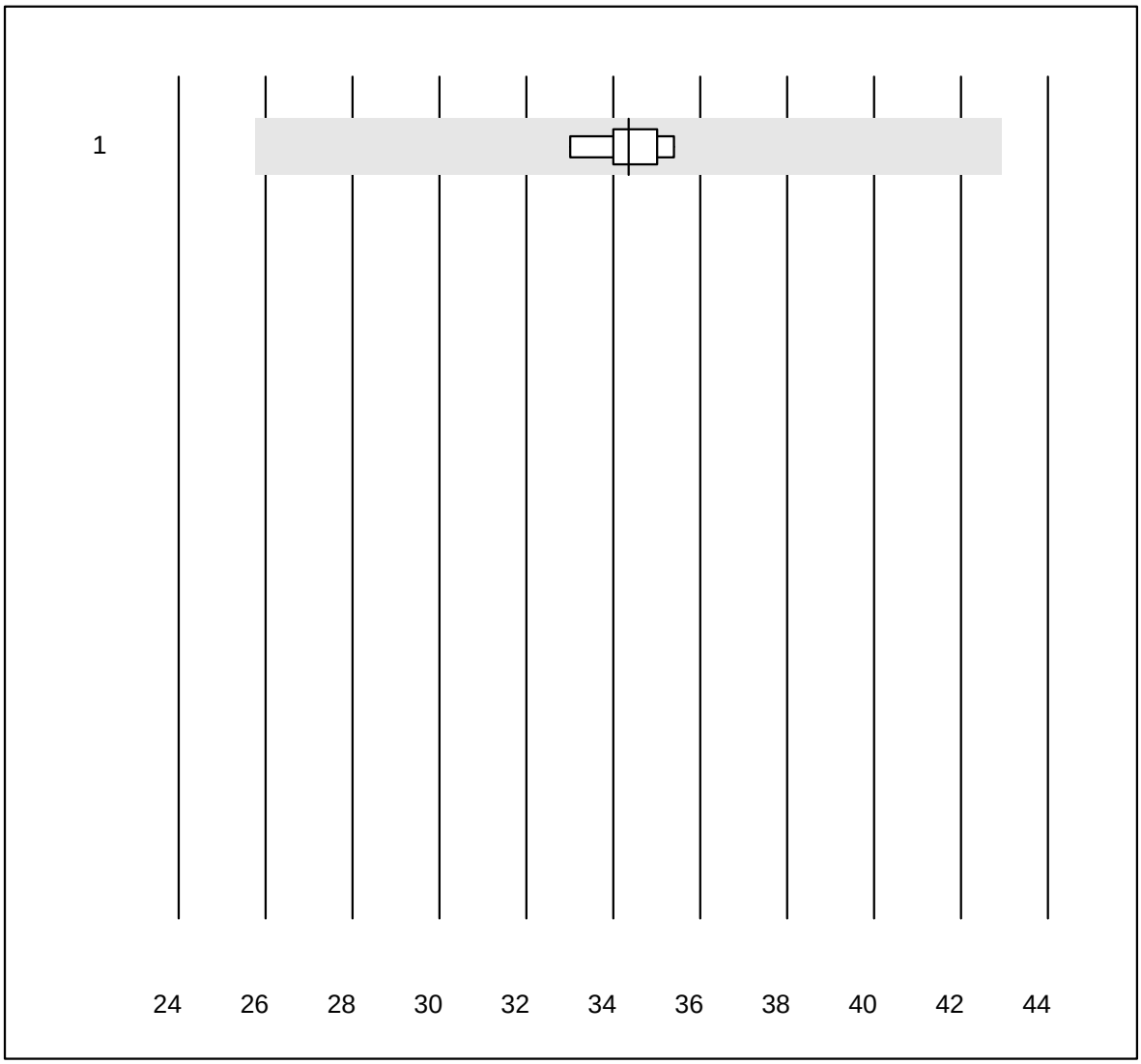


Tolleranza MQ : 25 %

Beta-2-Mikroglobulin (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	5	100.0	0.0	0.0	2.20	3.5	e

Fattore reumatoide

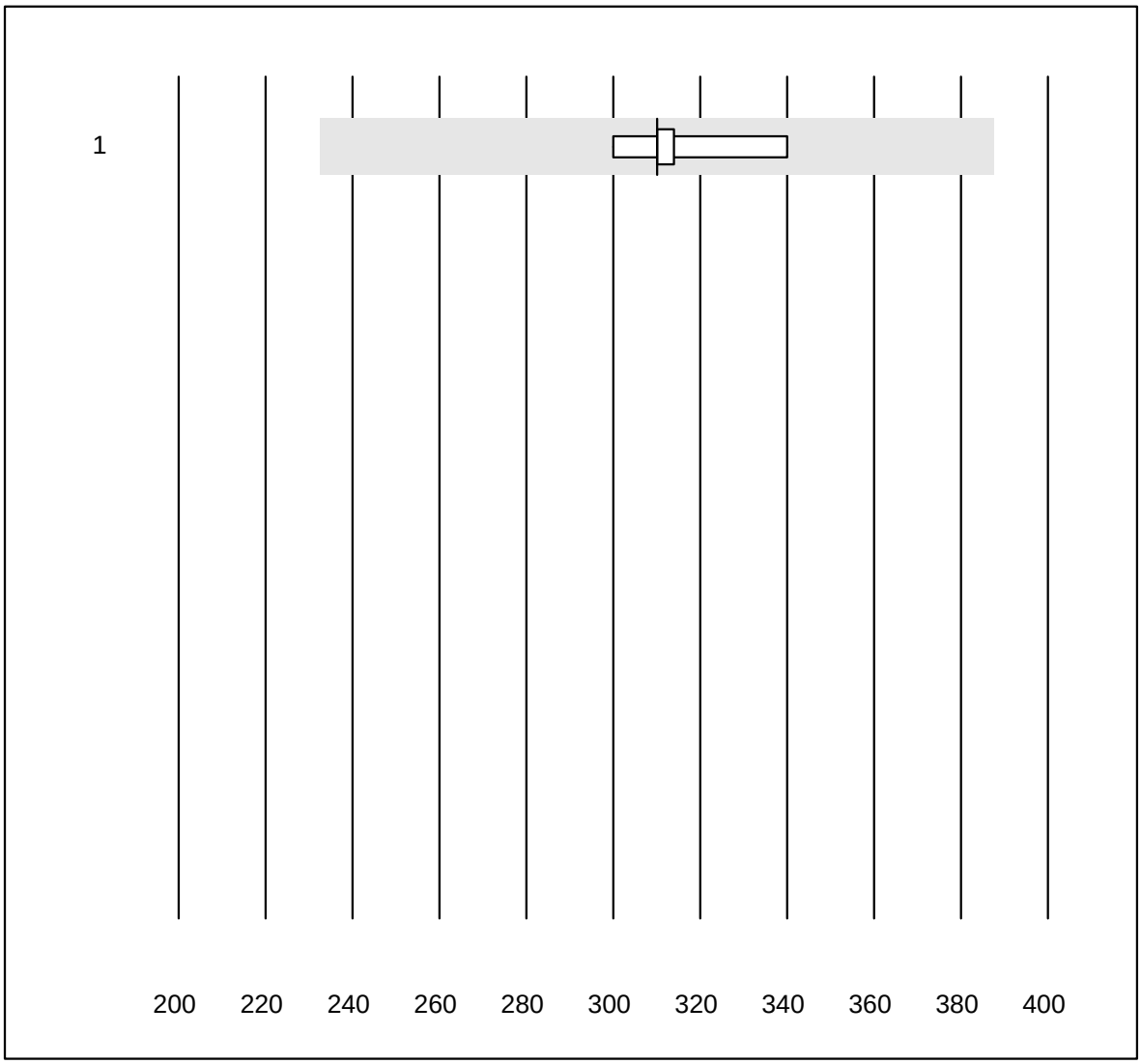


Tolleranza MQ : 25 %

Fattore reumatoide (U/ml)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	6	100.0	0.0	0.0	34.4	2.5	e

Ceruloplasmin

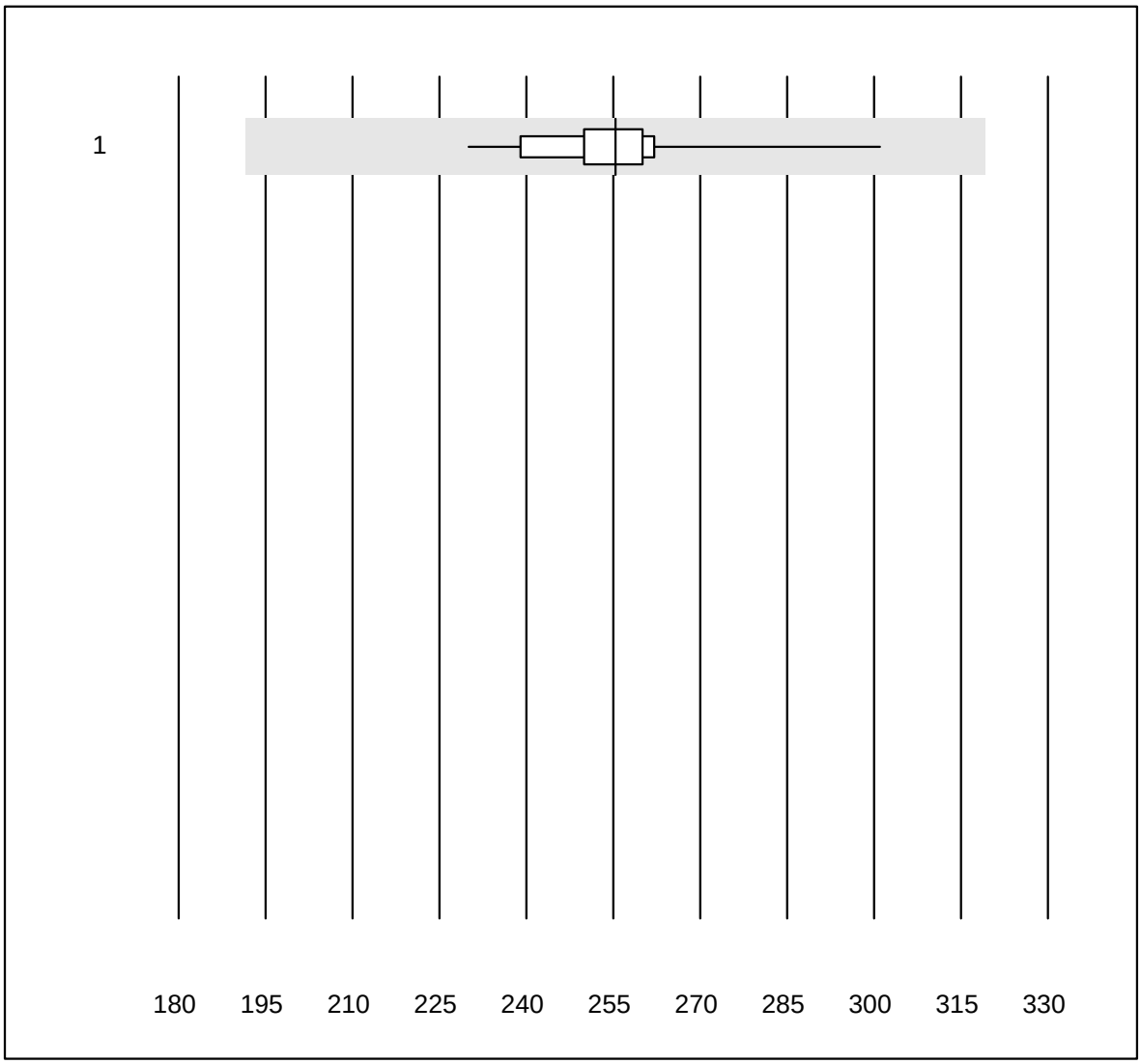


Tolleranza MQ : 25 %

Ceruloplasmin (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	5	100.0	0.0	0.0	310.00	4.8	e

Präalbumin

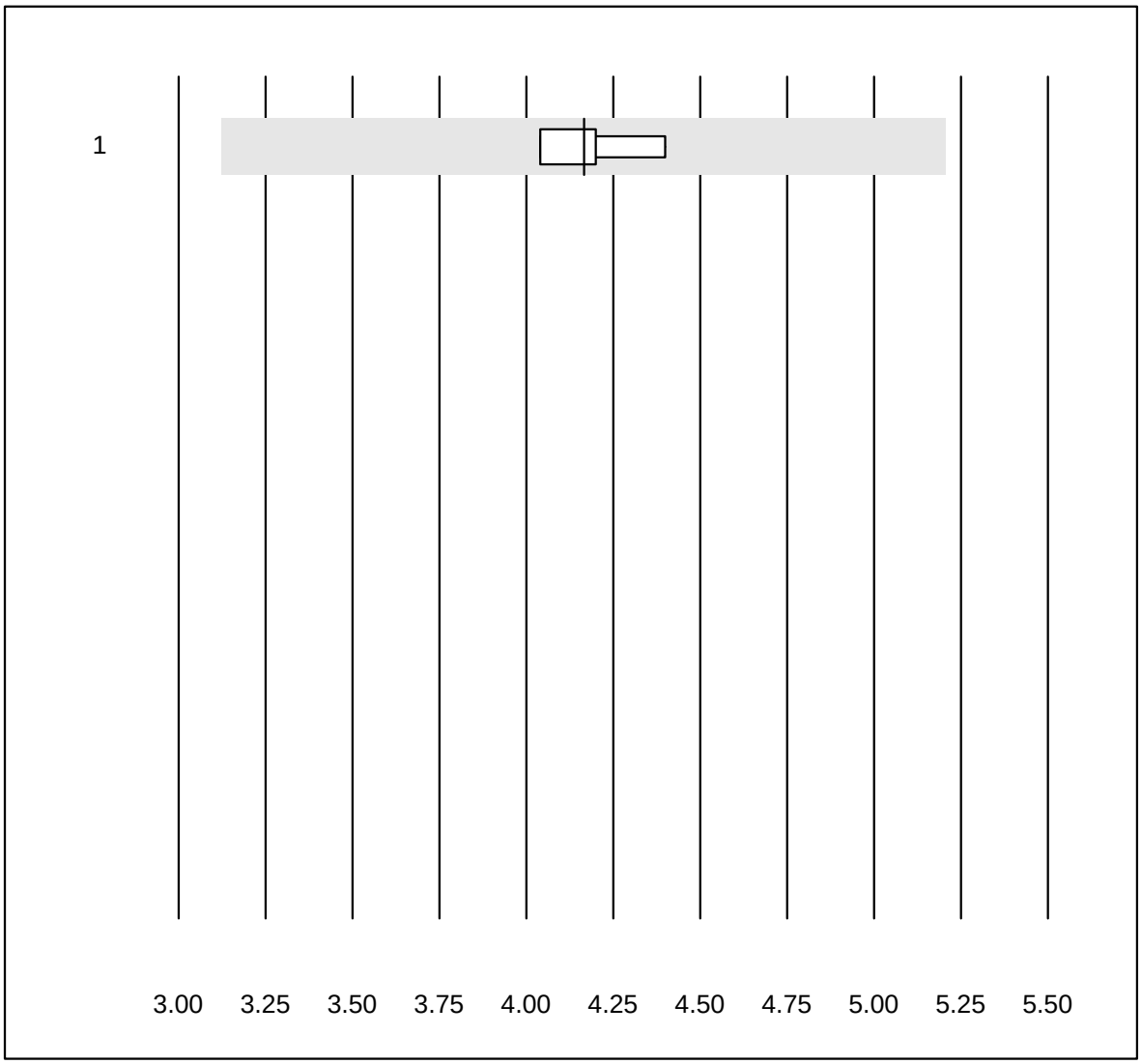


Tolleranza MQ : 25 %

Präalbumin (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	15	100.0	0.0	0.0	255.3	6.1	e

Recettore solubile della transferrina

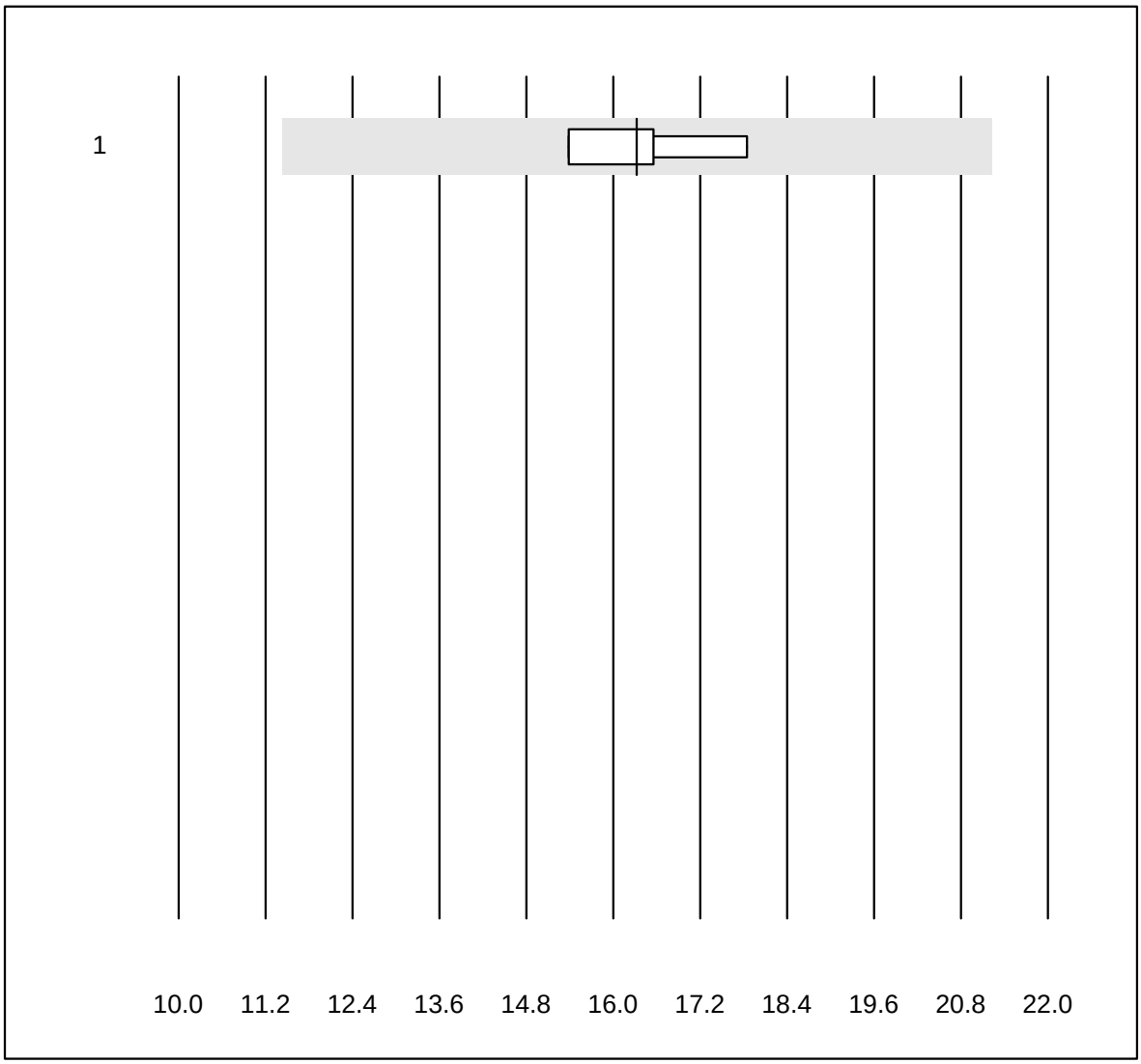


Tolleranza MQ : 25 %

Recettore solubile della transferrina (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	4.2	3.7	e

Kappa-Leichtkette

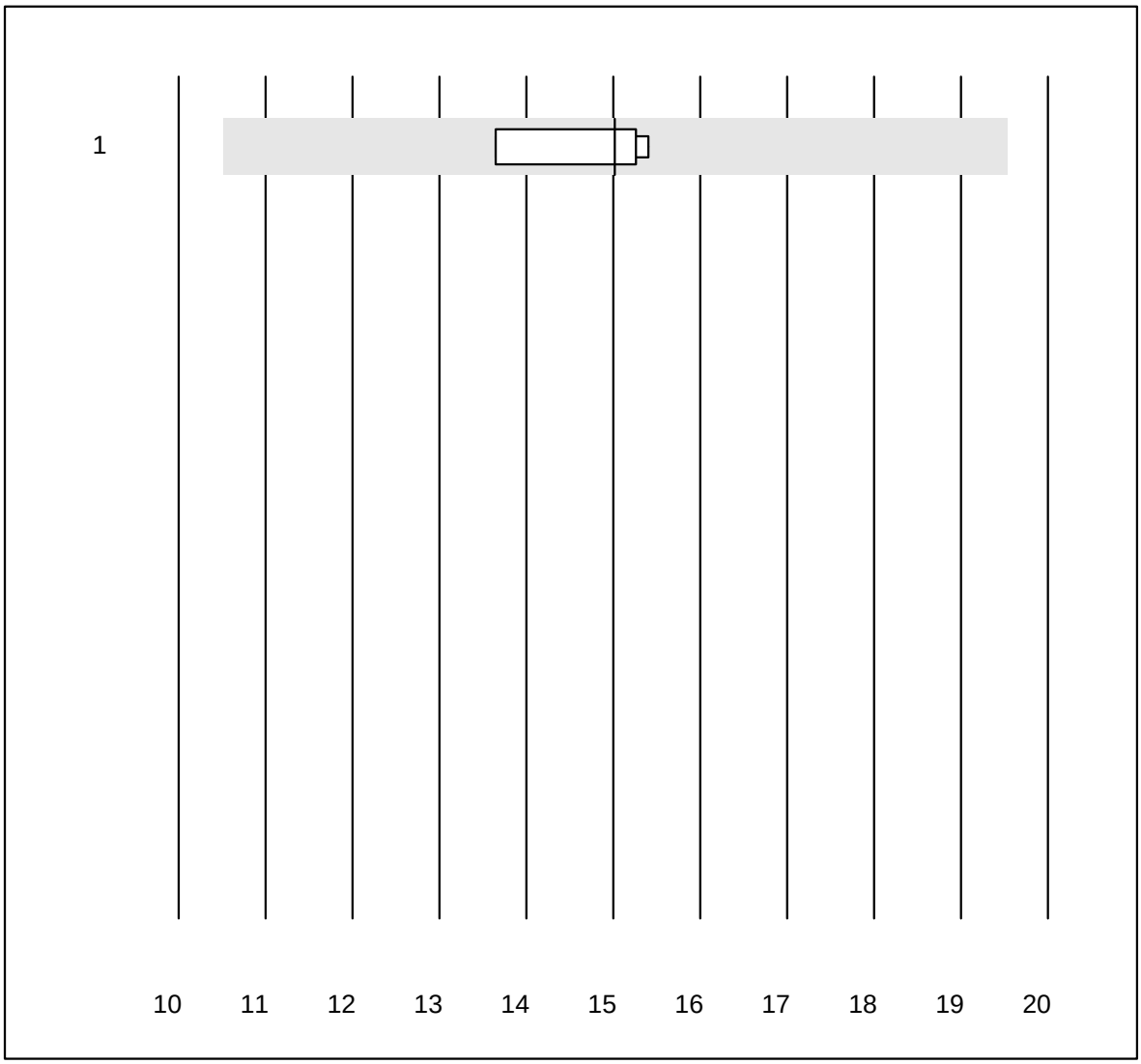


Tolleranza MQ : 30 %

Kappa-Leichtkette (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	16	6.3	e

Lambda-Leichtkette

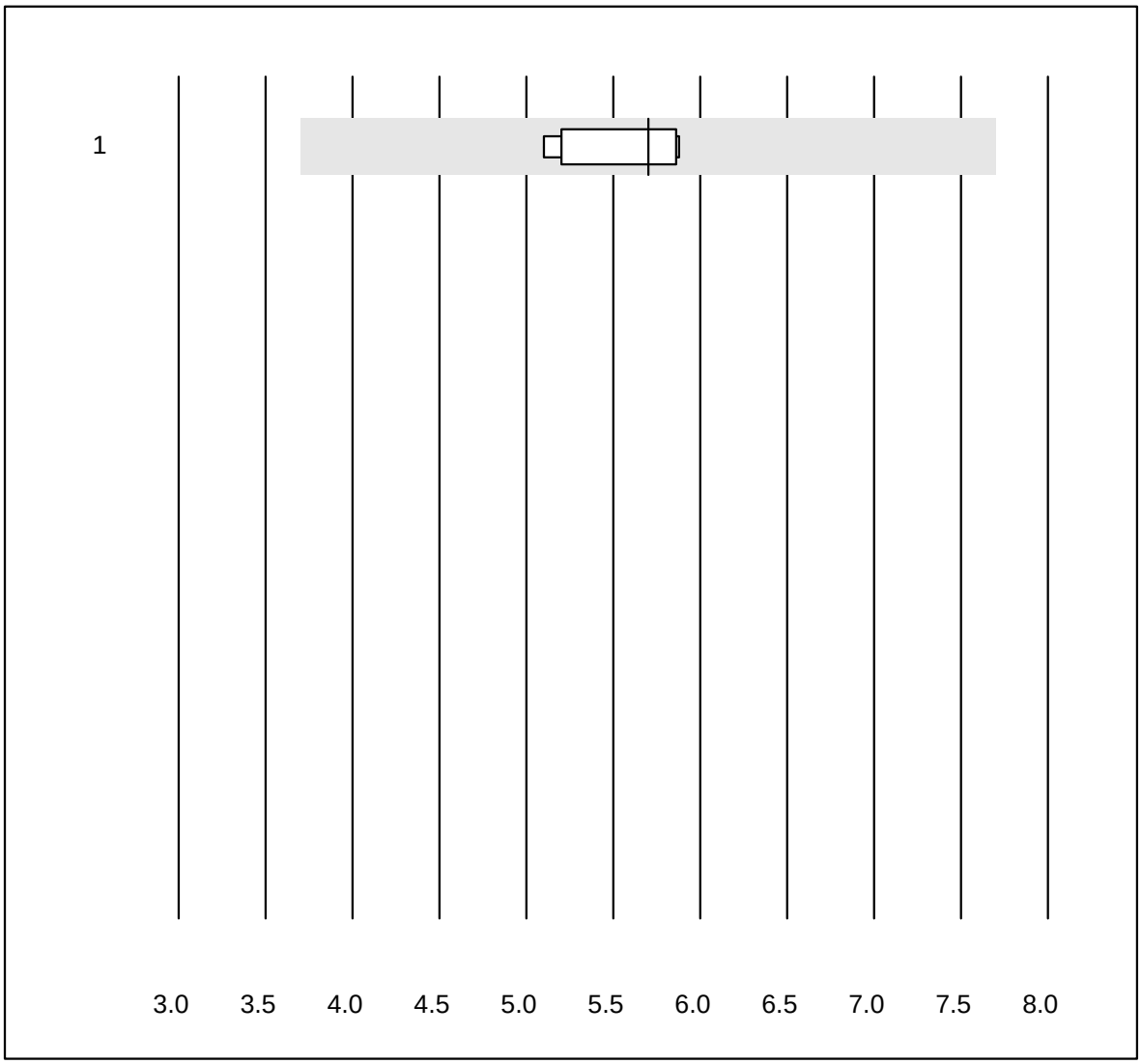


Tolleranza MQ : 30 %

Lambda-Leichtkette (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	15	5.4	e

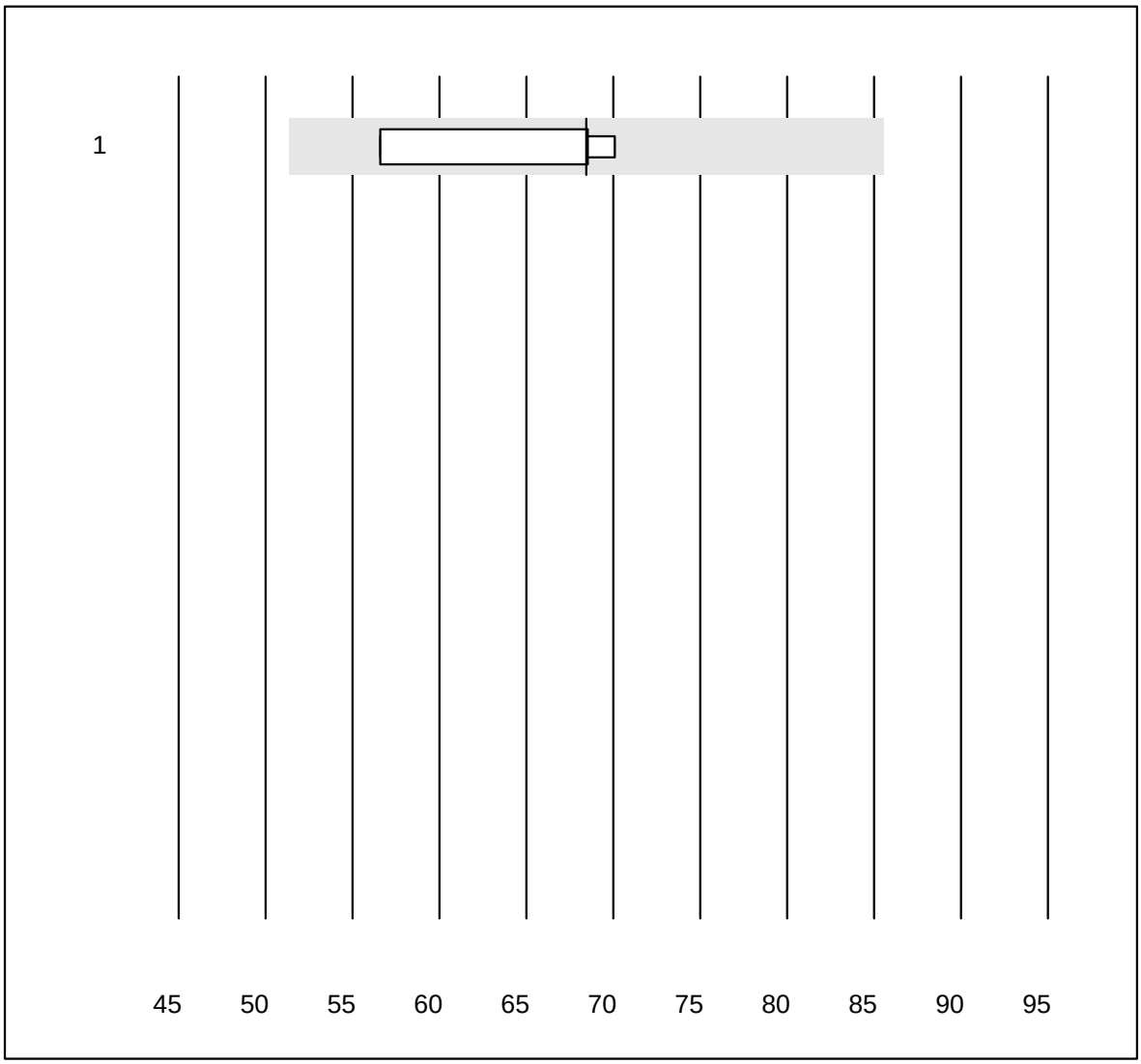
CRP HS



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

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Turbidimetrie	5	100.0	0.0	0.0	5.70	6.7	e*

Lipoprotein (a)

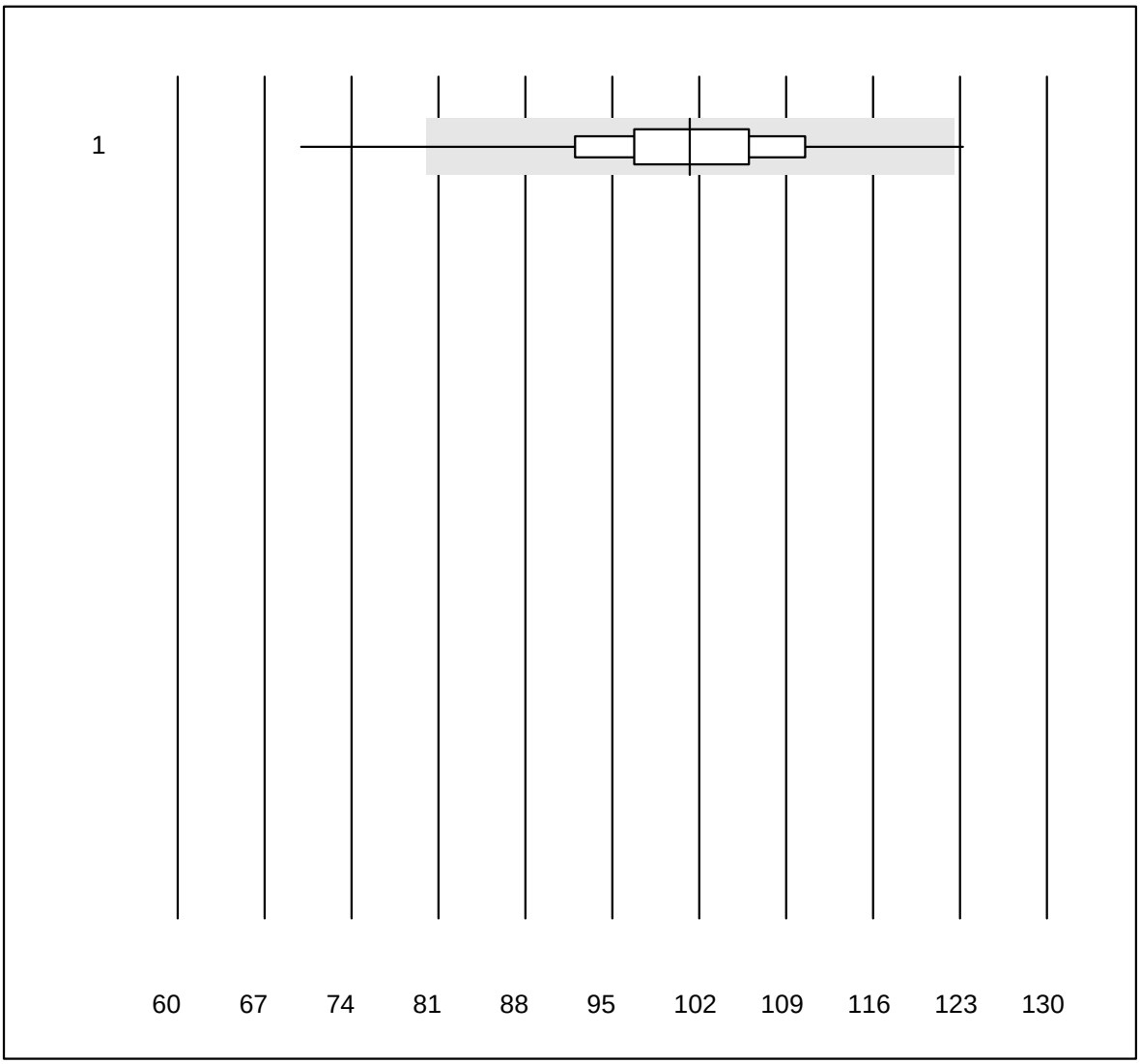


Tolleranza MQ : 25 %

Lipoprotein (a) (nmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Andere	4	100.0	0.0	0.0	68	9.5	e*

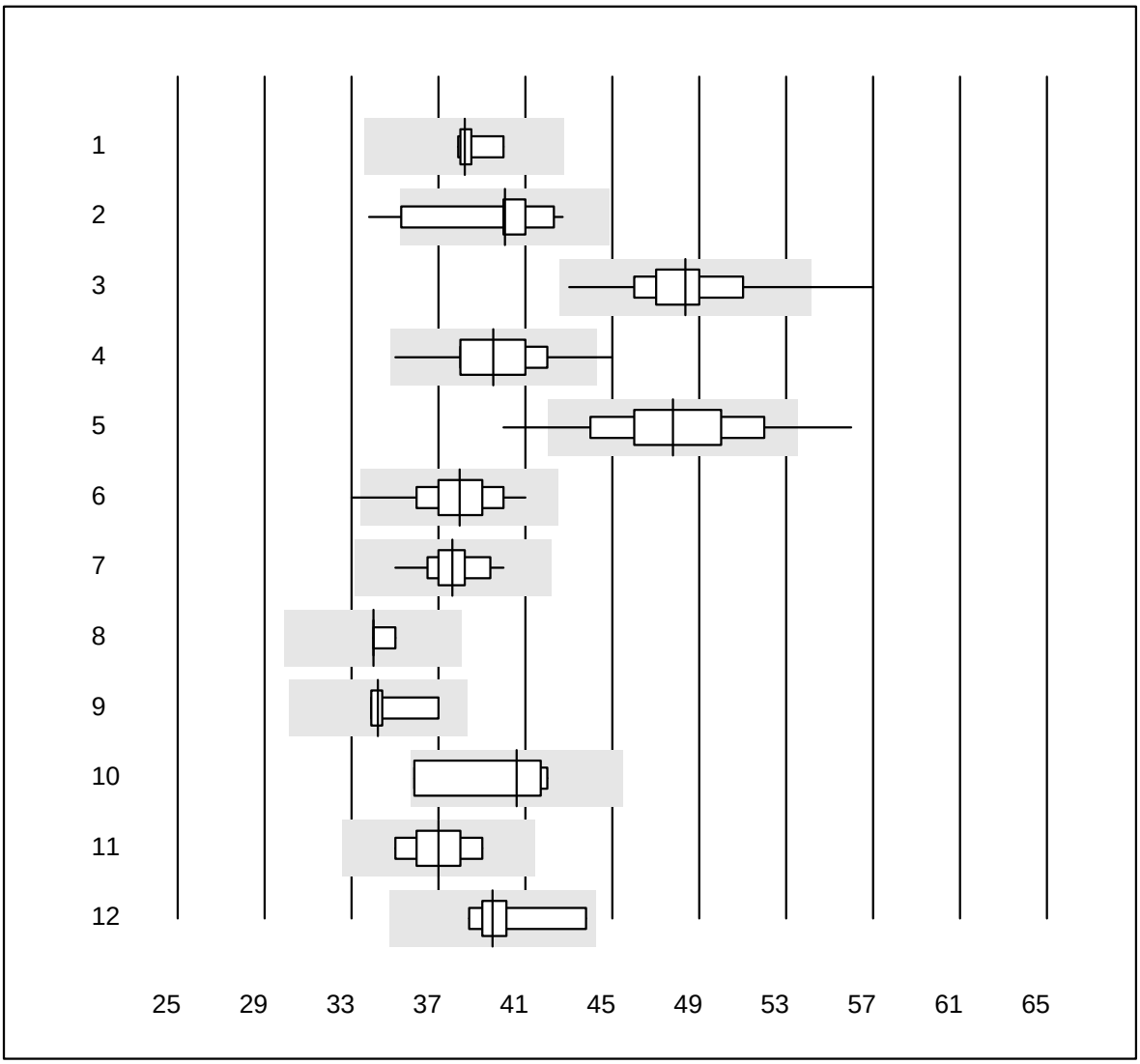
CRP



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AFIAS	123	93.5	2.4	4.1	101.2	7.8	e

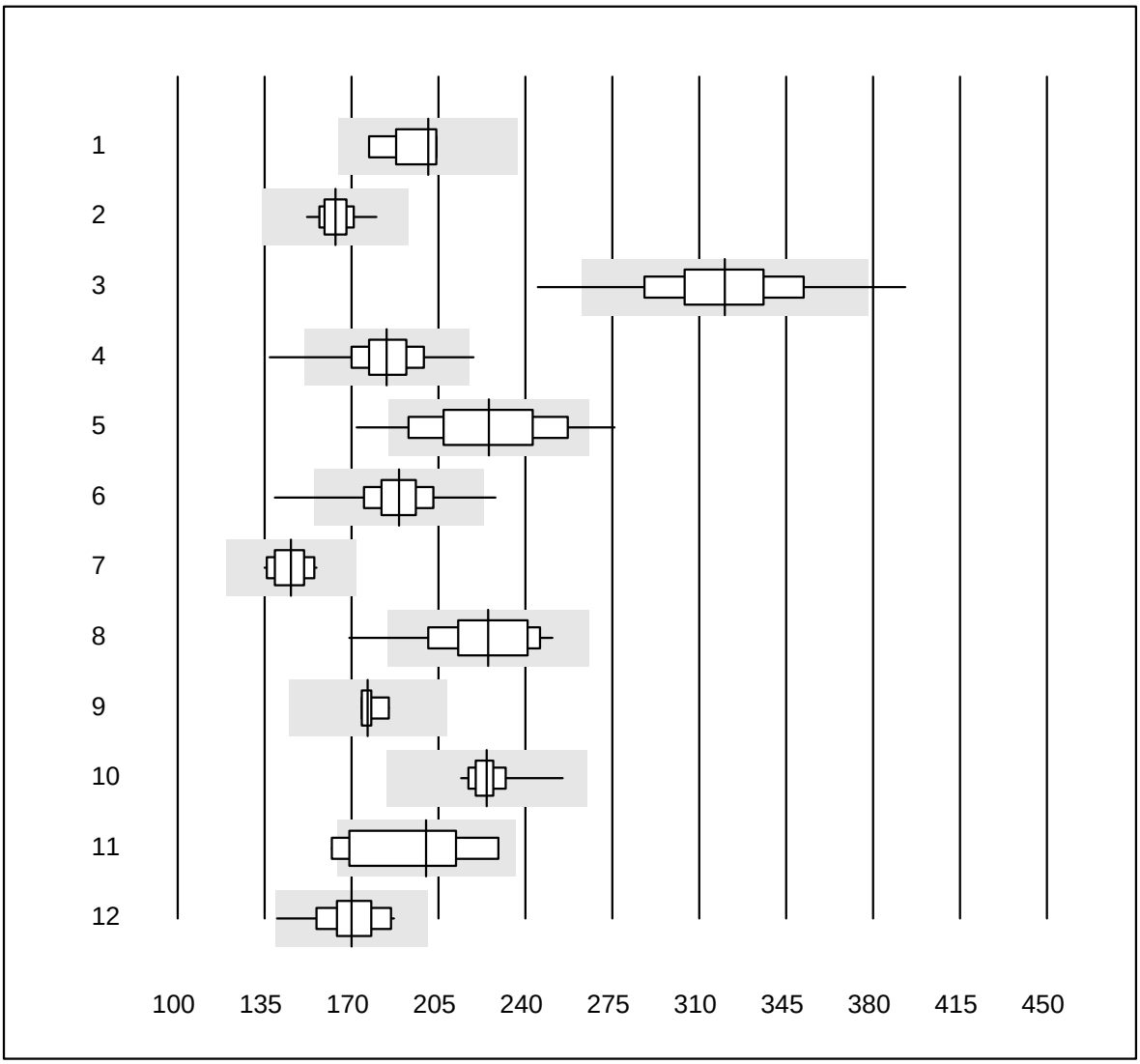
Albumina



QUALAB Toleranz : 12 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	9	100.0	0.0	0.0	38	1.8	e
2	Cobas	20	95.0	5.0	0.0	40	5.4	e
3	Fuji Dri-Chem	227	99.1	0.9	0.0	48	4.2	e
4	Spotchem/Ready	29	96.6	3.4	0.0	40	4.9	e
5	Spotchem D-Concept	153	92.8	5.2	2.0	48	6.5	e
6	Piccolo	51	94.1	2.0	3.9	38	3.9	e
7	Beckmann	13	100.0	0.0	0.0	38	3.5	e
8	Skyla	4	100.0	0.0	0.0	34	1.5	e
9	Dimension	4	100.0	0.0	0.0	34	4.2	e*
10	Abx Mira	4	100.0	0.0	0.0	41	7.1	e*
11	Hitachi S40/M40	9	100.0	0.0	0.0	37	3.8	e
12	Autolyser/DiaSys	7	100.0	0.0	0.0	40	4.4	e*

Fosfatasi alcalina

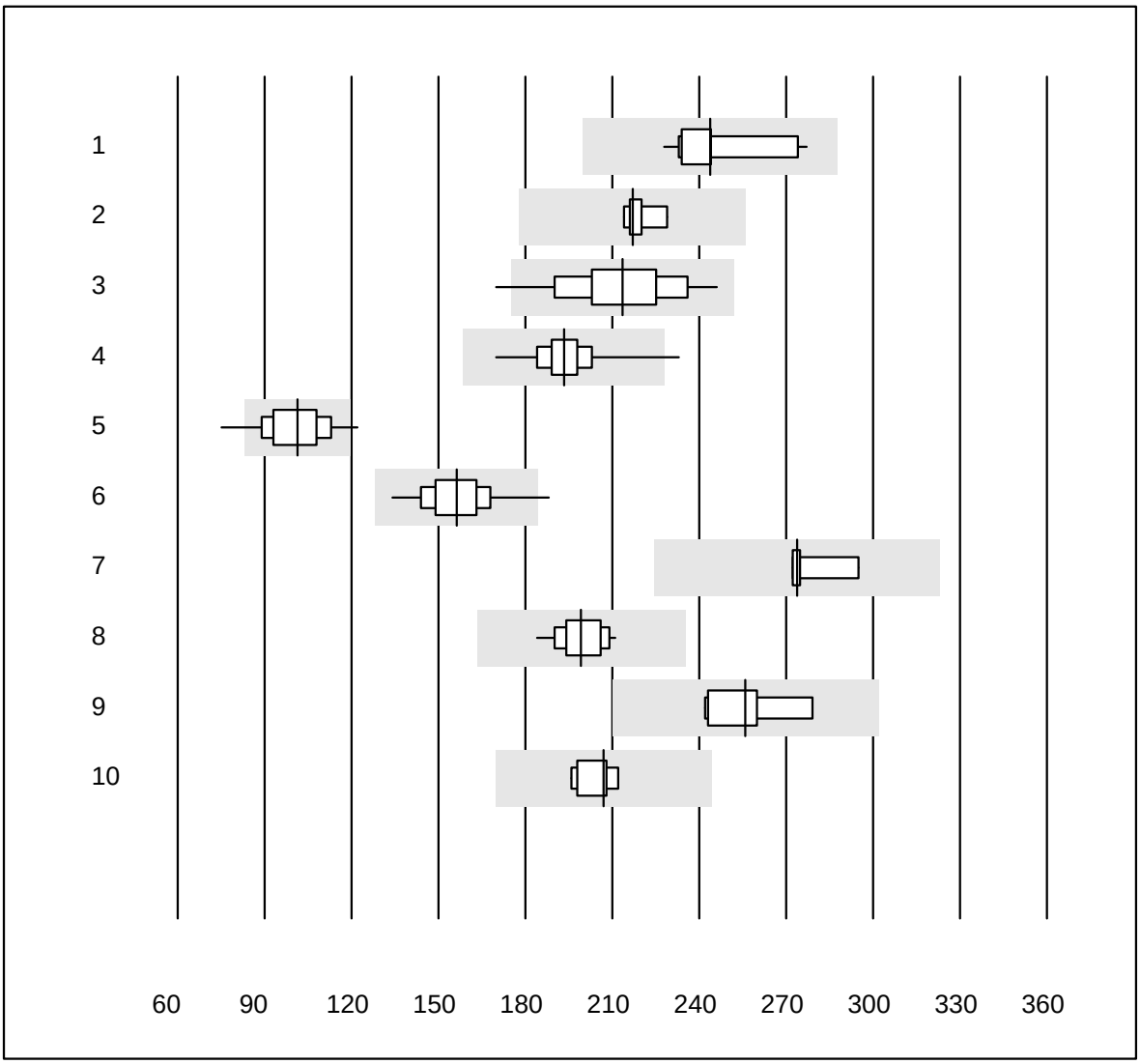


QUALAB Toleranz : 18 %

Fosfatasi alcalina (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	7	100.0	0.0	0.0	201	5.2	e
2	Cobas	21	100.0	0.0	0.0	163	4.2	e
3	Reflotron	505	96.0	2.0	2.0	320	7.7	e
4	Fuji Dri-Chem	805	98.9	0.6	0.5	184	6.0	e
5	Spotchem/Ready	57	86.0	10.5	3.5	225	10.7	e
6	Spotchem D-Concept	291	97.2	1.4	1.4	189	6.3	e
7	Hitachi S40/M40	14	100.0	0.0	0.0	146	4.8	e
8	Beckman	16	93.7	6.3	0.0	225	9.3	e*
9	Dimension	4	100.0	0.0	0.0	177	2.8	e
10	Piccolo	46	97.8	0.0	2.2	224	3.2	e
11	Abx Mira	7	85.7	14.3	0.0	200	12.8	e*
12	Autolyser/DiaSys	18	100.0	0.0	0.0	170	6.8	e

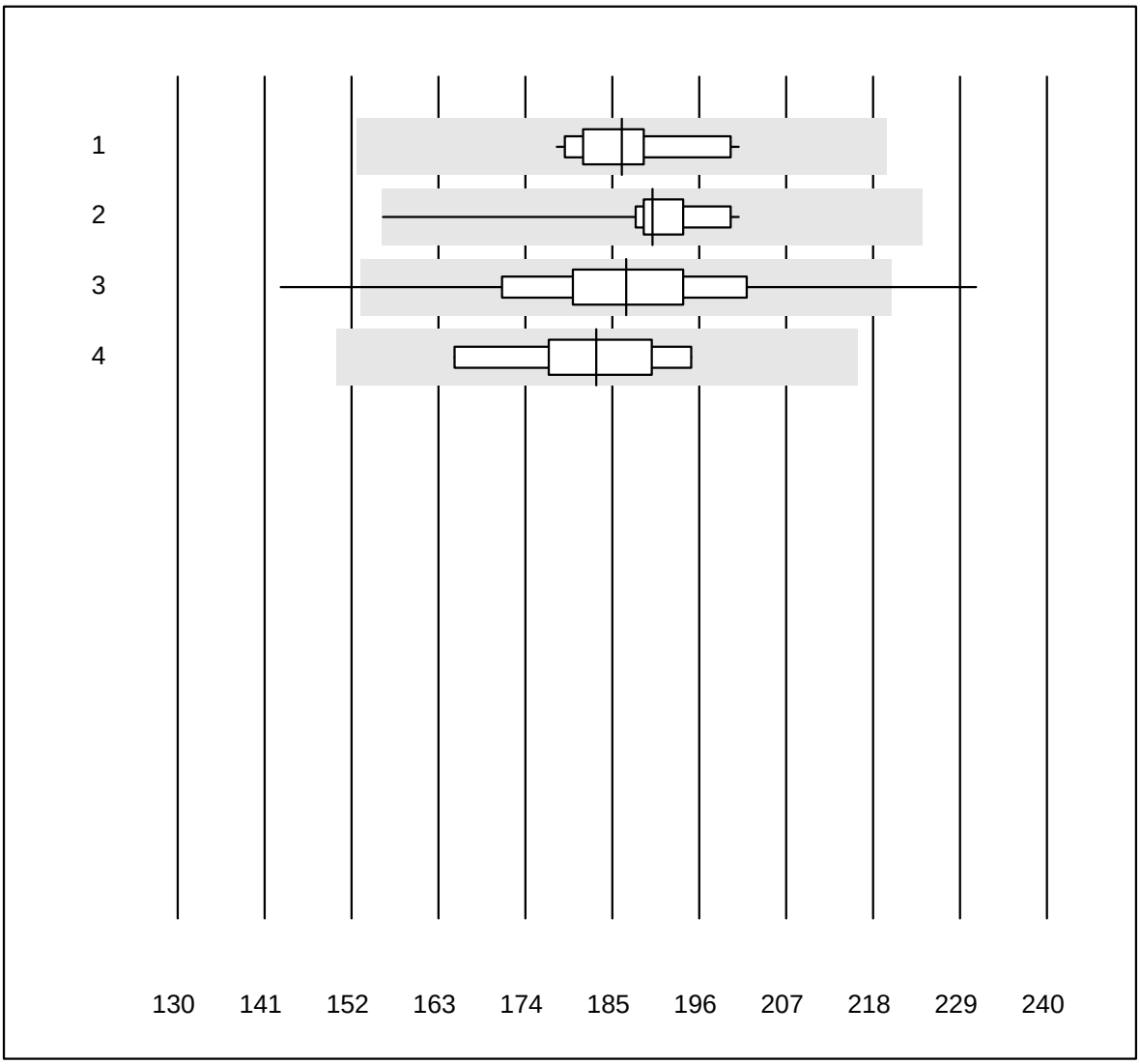
Amilasi



QUALAB Toleranz : 18 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	11	100.0	0.0	0.0	244	6.7	e
2	Cobas	7	100.0	0.0	0.0	217	2.2	e
3	Reflotron	130	98.4	0.8	0.8	214	7.6	e
4	Fuji Dri-Chem	592	99.1	0.2	0.7	193	4.1	e
5	Spotchem/Ready	40	85.0	7.5	7.5	101	9.6	e
6	Spotchem D-Concept	224	98.7	0.9	0.4	156	6.2	e
7	Architect	4	100.0	0.0	0.0	274	3.9	e
8	Piccolo	43	97.7	0.0	2.3	199	3.8	e
9	Hitachi S40/M40	7	100.0	0.0	0.0	256	4.9	e
10	Autolyser/DiaSys	7	100.0	0.0	0.0	207	2.8	e

Amilasi pancreatica

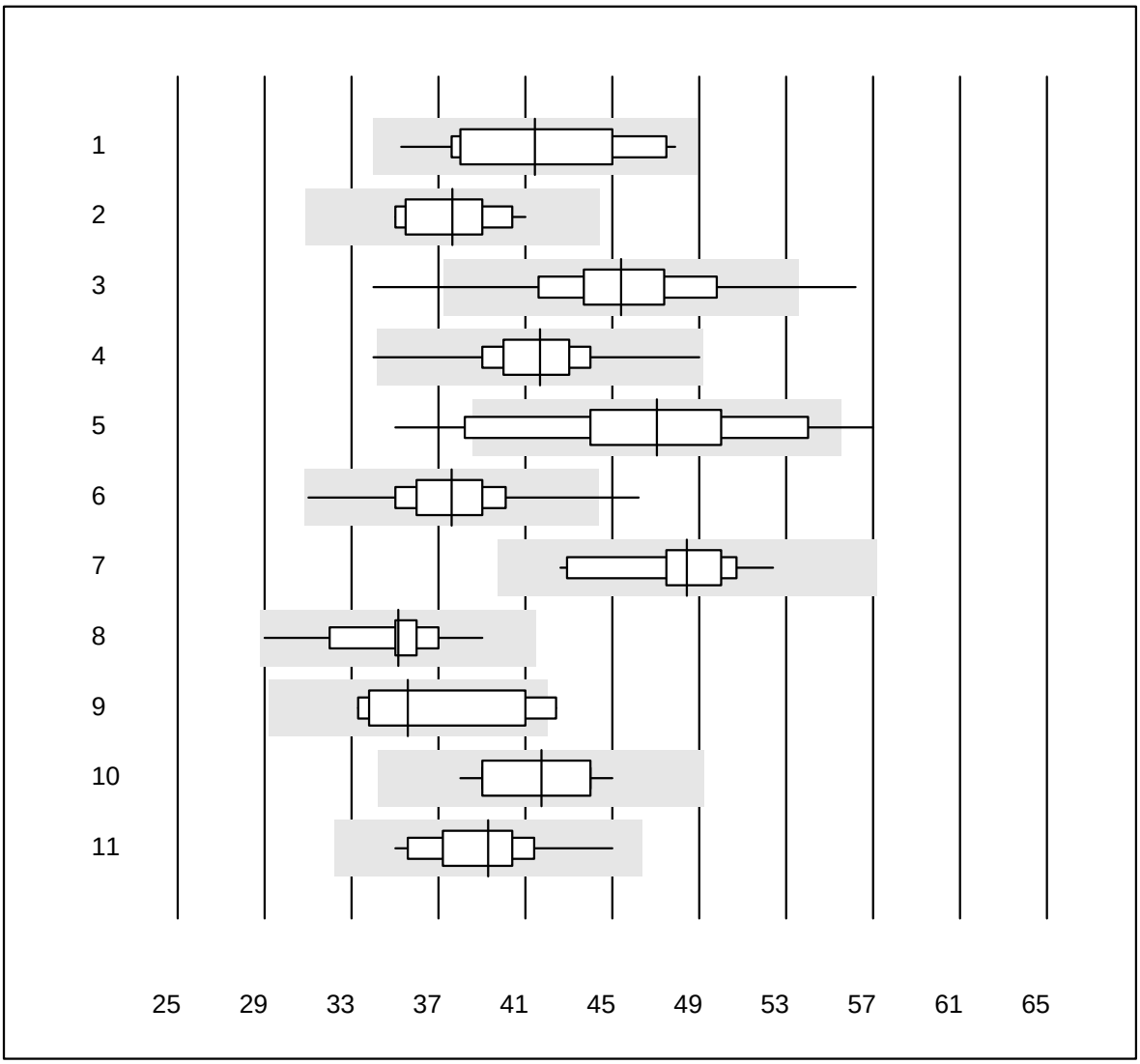


QUALAB Toleranz : 18 %

Amilasi pancreatica (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	18	100.0	0.0	0.0	186	3.5	e
2	Cobas	12	100.0	0.0	0.0	190	6.1	e
3	Reflotron	340	97.0	2.1	0.9	187	7.1	e
4	Autolyser/DiaSys	9	100.0	0.0	0.0	183	5.2	e

Bilirubina totale

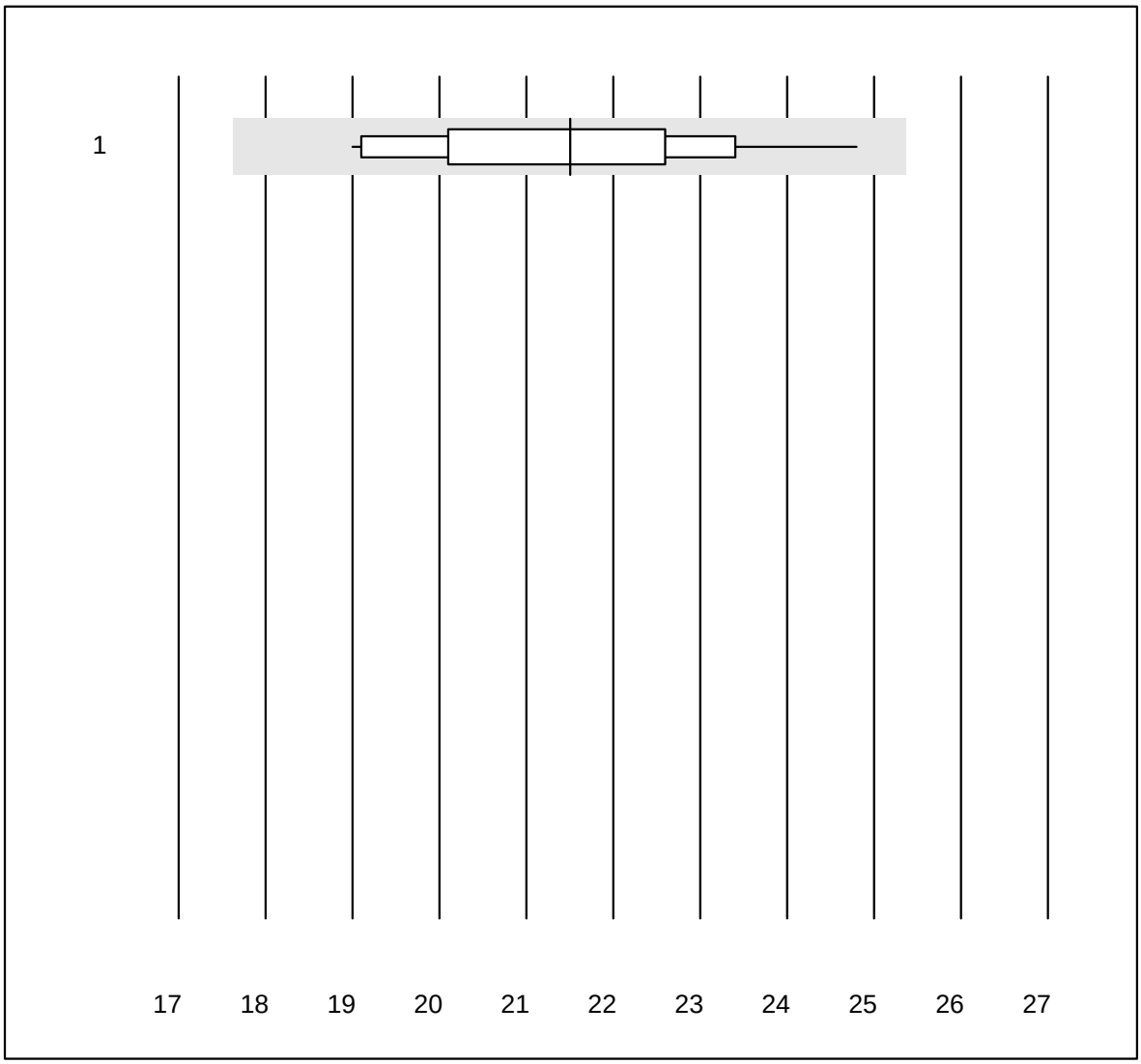


QUALAB Toleranz : 18 %

Bilirubina totale (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	11	100.0	0.0	0.0	41.4	10.3	e*
2	Cobas	19	100.0	0.0	0.0	37.6	5.3	e
3	Reflotron	373	94.9	3.2	1.9	45.4	7.3	e
4	Fuji Dri-Chem	638	99.0	0.5	0.5	41.7	5.4	e
5	Spotchem/Ready	52	84.6	15.4	0.0	47.0	11.2	e
6	Spotchem D-Concept	230	99.2	0.4	0.4	37.6	6.1	e
7	Beckman	12	100.0	0.0	0.0	48.4	6.0	e
8	Piccolo	50	100.0	0.0	0.0	35.1	5.7	e
9	Abx Mira	8	75.0	12.5	12.5	35.6	9.9	e*
10	Hitachi S40/M40	11	100.0	0.0	0.0	41.7	5.8	e
11	Autolyser/DiaSys	16	100.0	0.0	0.0	39.3	6.3	e

Bilirubina diretto

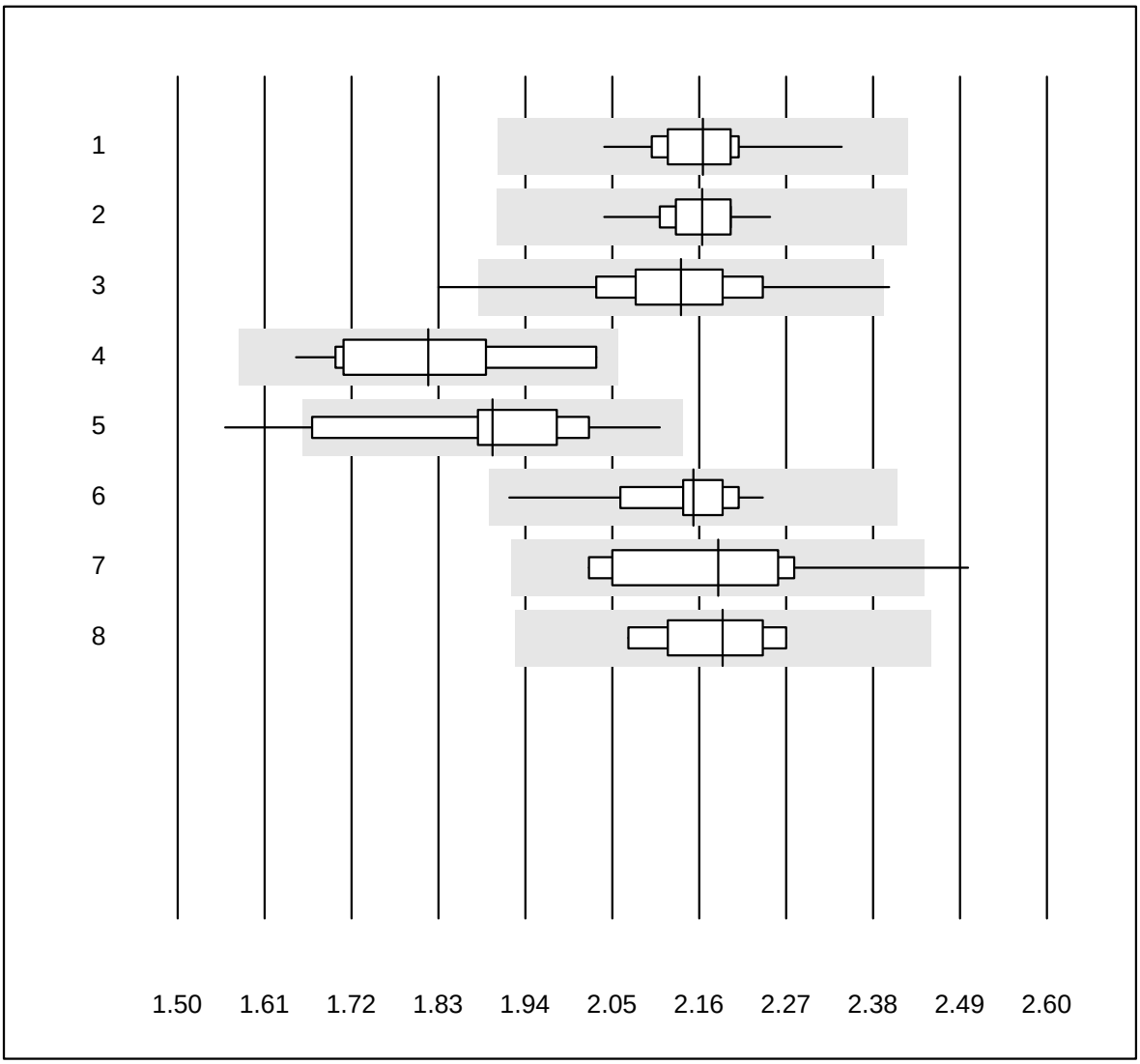


Tolleranza MQ : 18 %

Bilirubina diretto (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Fuji Dri-Chem	25	96.0	0.0	4.0	21.5	7.7	e

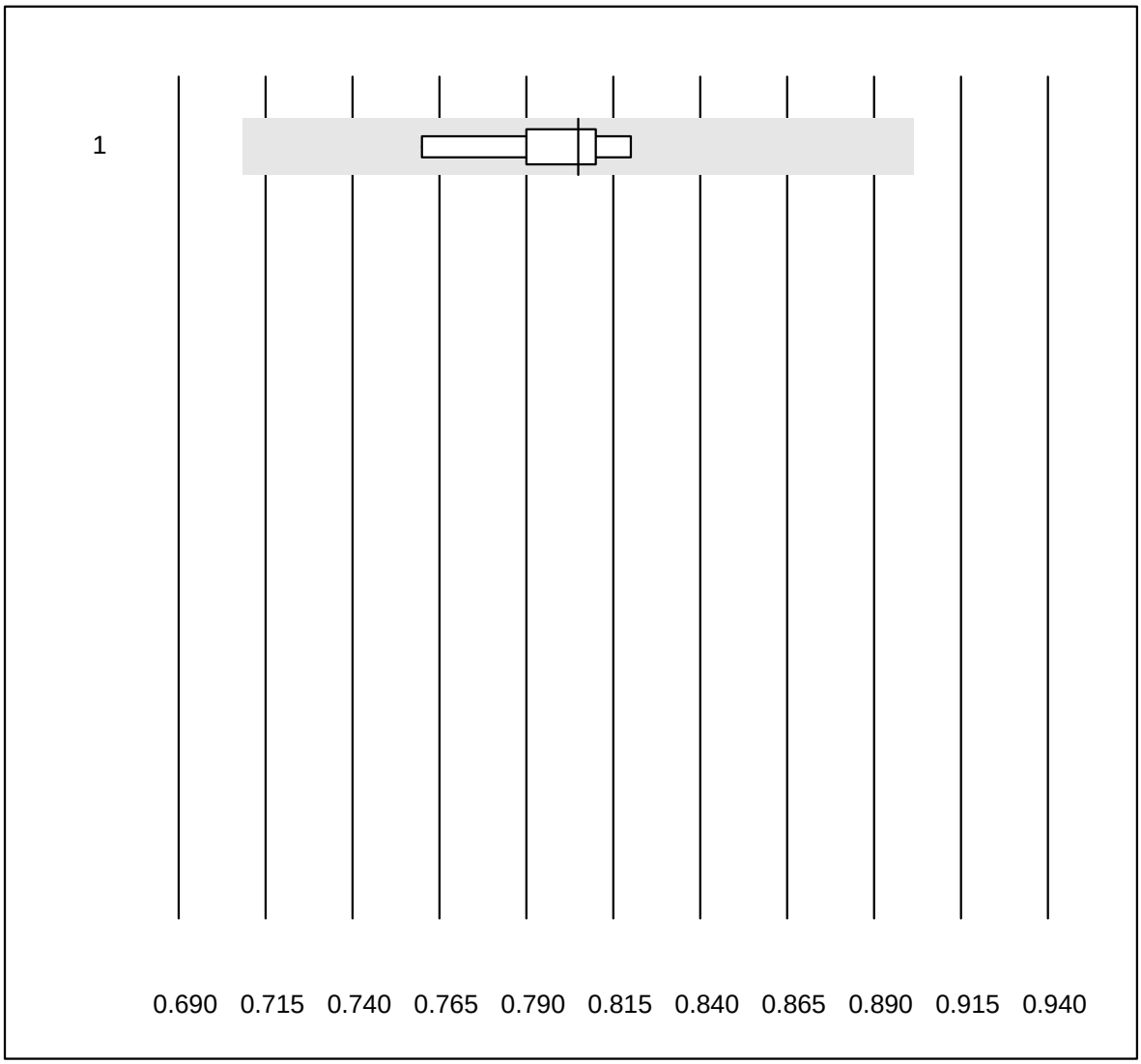
Calcio



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

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	30	100.0	0.0	0.0	2.17	2.8	e
2	Cobas	21	100.0	0.0	0.0	2.16	2.1	e
3	Fuji Dri-Chem	368	97.5	1.4	1.1	2.14	4.0	e
4	Spotchem/Ready	19	100.0	0.0	0.0	1.82	6.2	e
5	Spotchem D-Concept	97	82.5	6.2	11.3	1.90	6.5	e
6	Piccolo	49	100.0	0.0	0.0	2.15	2.7	e
7	Hitachi S40/M40	10	90.0	10.0	0.0	2.18	6.8	e*
8	Autolyser/DiaSys	9	100.0	0.0	0.0	2.19	3.4	e

Calcium ISE

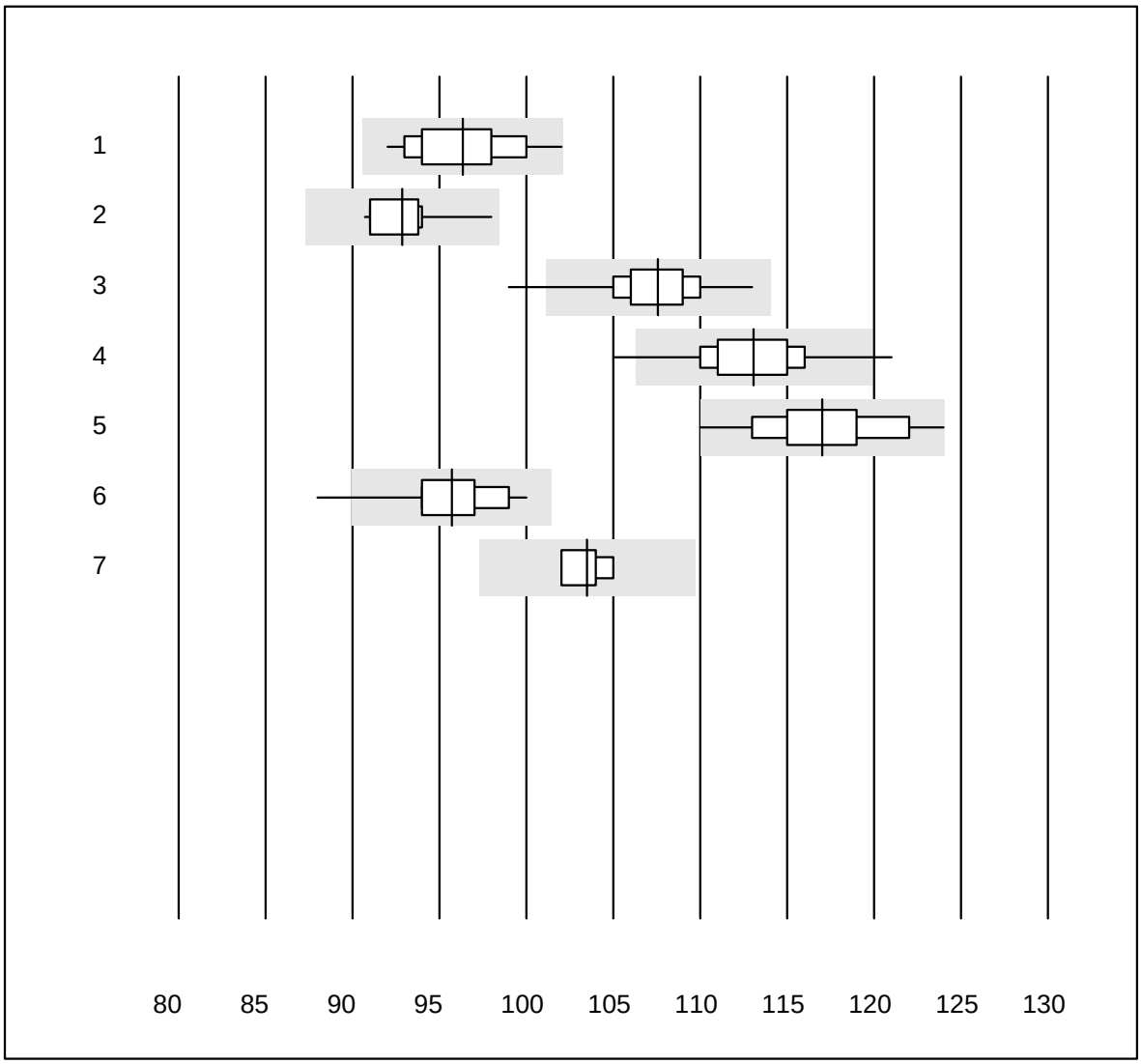


Tolleranza MQ : 12 %

Calcium ISE (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat Chem8	6	100.0	0.0	0.0	0.81	2.7	e

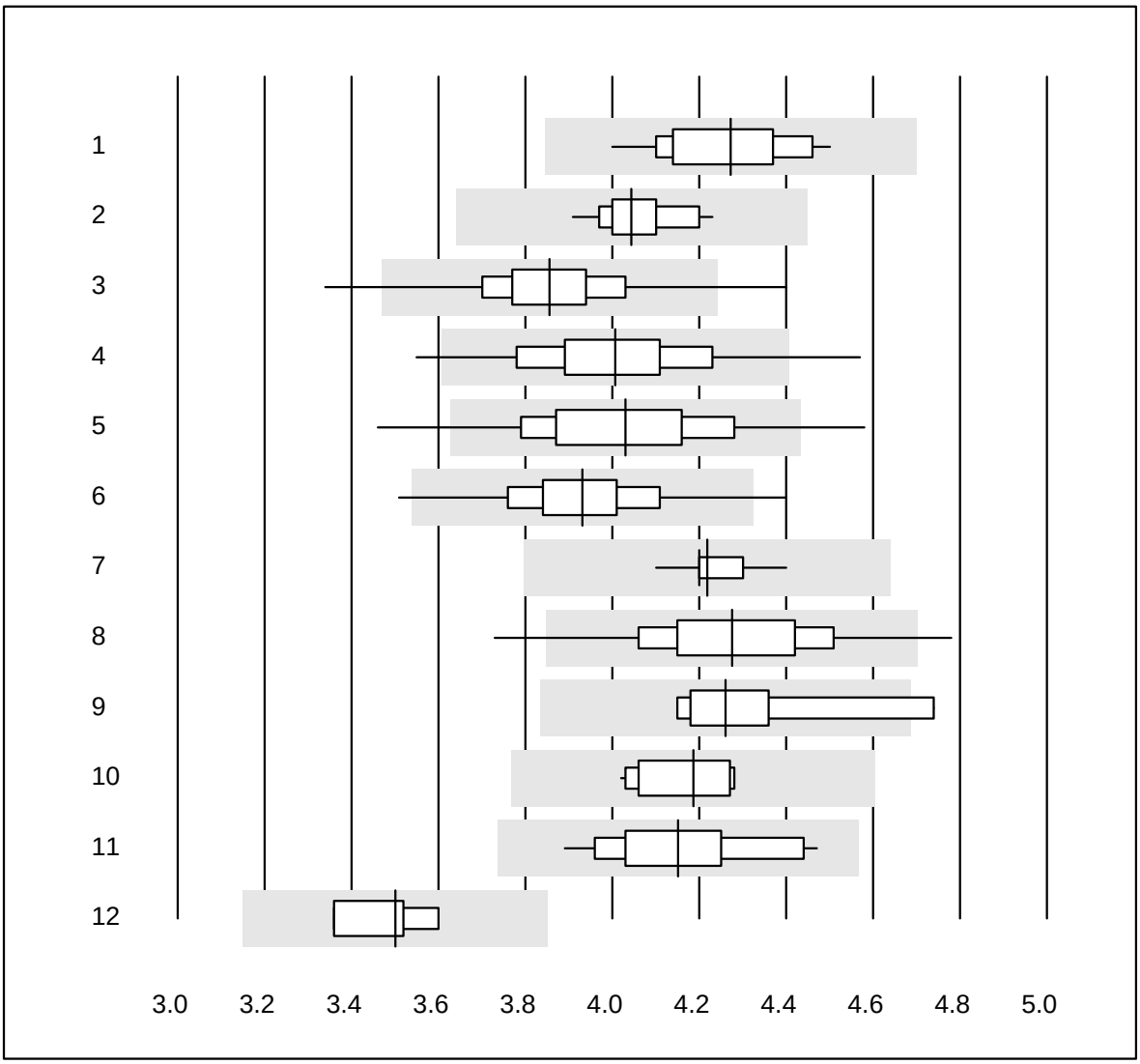
Cloruri



QUALAB Toleranz : 6 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	30	100.0	0.0	0.0	96	2.7	e
2	Cobas	11	100.0	0.0	0.0	93	2.2	e
3	Fuji Dri-Chem	744	97.0	1.9	1.1	108	2.1	e
4	Spotchem D-Concept	261	95.8	1.9	2.3	113	2.2	e
5	Spotchem EL-SE 1520	69	97.1	0.0	2.9	117	2.8	e
6	Piccolo	23	95.7	4.3	0.0	96	2.7	e
7	iStat Chem8	4	100.0	0.0	0.0	104	1.2	e

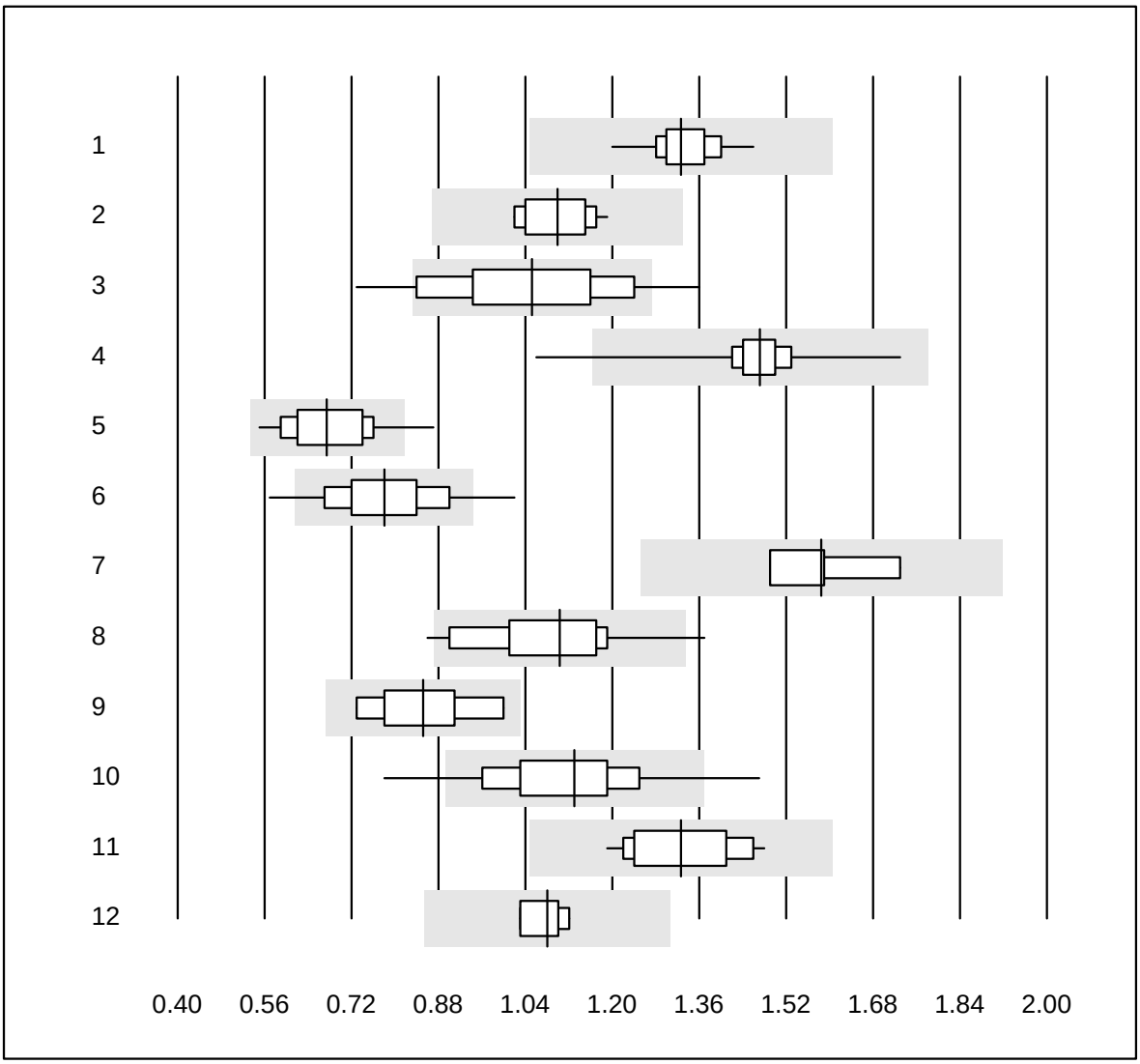
Colesterolo



QUALAB Toleranz : 10 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	29	96.6	0.0	3.4	4.27	3.2	e
2	Cobas	20	100.0	0.0	0.0	4.04	2.1	e
3	Reflotron	451	98.3	1.3	0.4	3.86	3.6	e
4	Fuji Dri-Chem	794	95.7	2.3	2.0	4.01	4.4	e
5	Spotchem/Ready	76	96.1	3.9	0.0	4.03	4.9	e
6	Spotchem D-Concept	290	97.3	1.0	1.7	3.93	3.5	e
7	Piccolo	22	100.0	0.0	0.0	4.22	1.4	e
8	Cholestech LDX	105	95.2	2.9	1.9	4.28	4.4	e
9	Abx Mira	6	83.3	16.7	0.0	4.26	5.1	e*
10	Hitachi S40/M40	11	100.0	0.0	0.0	4.19	2.6	e
11	Autolyser/DiaSys	18	100.0	0.0	0.0	4.15	3.8	e
12	altro	4	100.0	0.0	0.0	3.50	2.9	e*

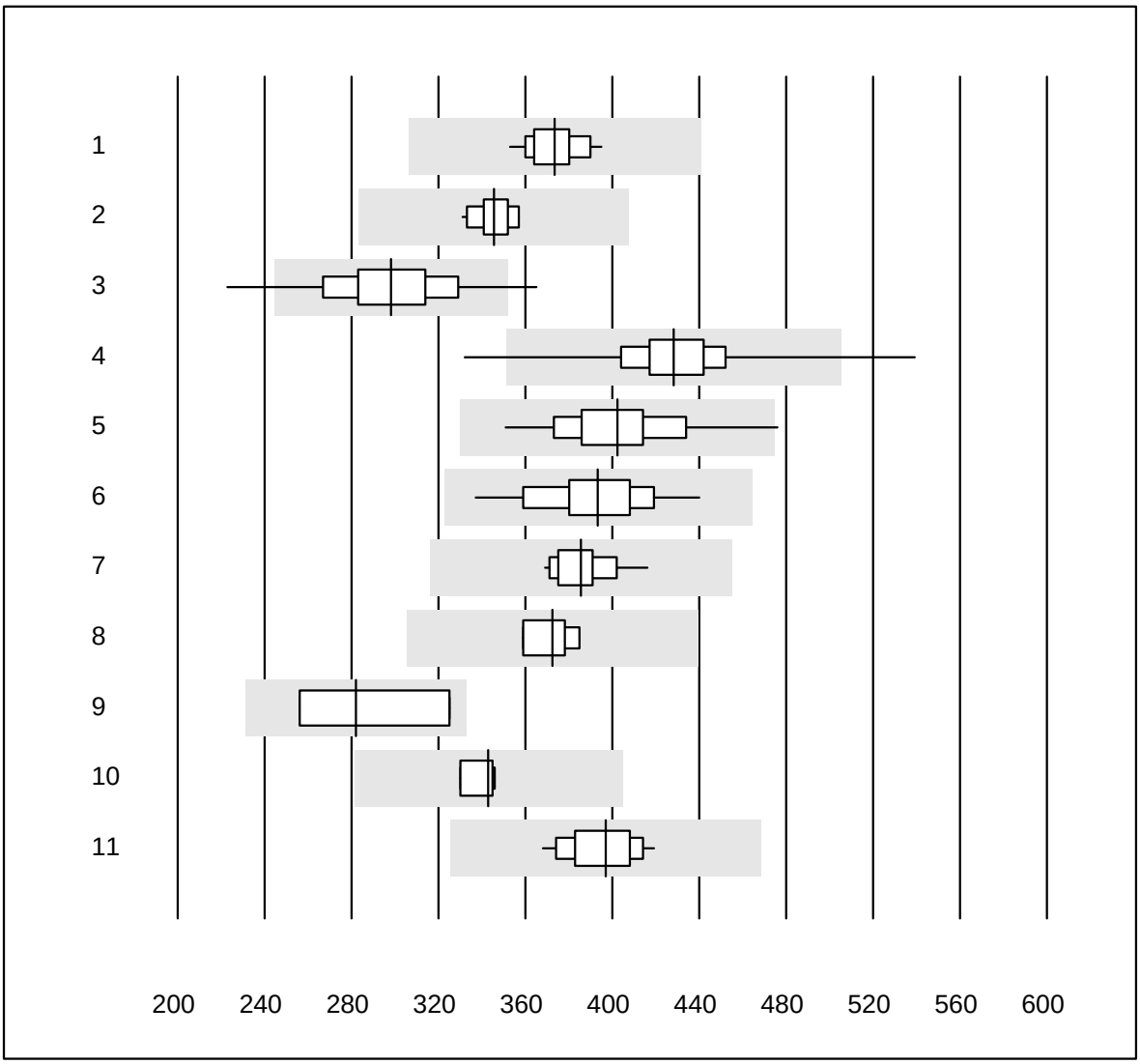
Colesterolo HDL



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	umida, diretto	14	100.0	0.0	0.0	1.33	4.8	e
2	Cobas	19	94.7	0.0	5.3	1.10	5.1	e
3	Reflotron	322	70.8	12.4	16.8	1.05	14.0	e
4	Fuji Dri-Chem	767	98.7	0.3	1.0	1.47	3.5	e
5	Spotchem/Ready	68	94.1	4.4	1.5	0.67	10.5	e
6	Spotchem D-Concept	284	92.2	6.0	1.8	0.78	11.1	e
7	Dimension	4	100.0	0.0	0.0	1.59	6.2	e*
8	Piccolo	20	85.0	10.0	5.0	1.10	10.6	e
9	Pentra/Selectra	10	90.0	0.0	10.0	0.85	10.4	e*
10	Cholestech LDX	105	89.5	5.7	4.8	1.13	11.1	e
11	Hitachi S40/M40	11	100.0	0.0	0.0	1.33	7.2	e
12	Architect	7	100.0	0.0	0.0	1.08	3.5	e
13	Autolyser/DiaSys	18	100.0	0.0	0.0	1.33	6.5	e

Creatina chinasi

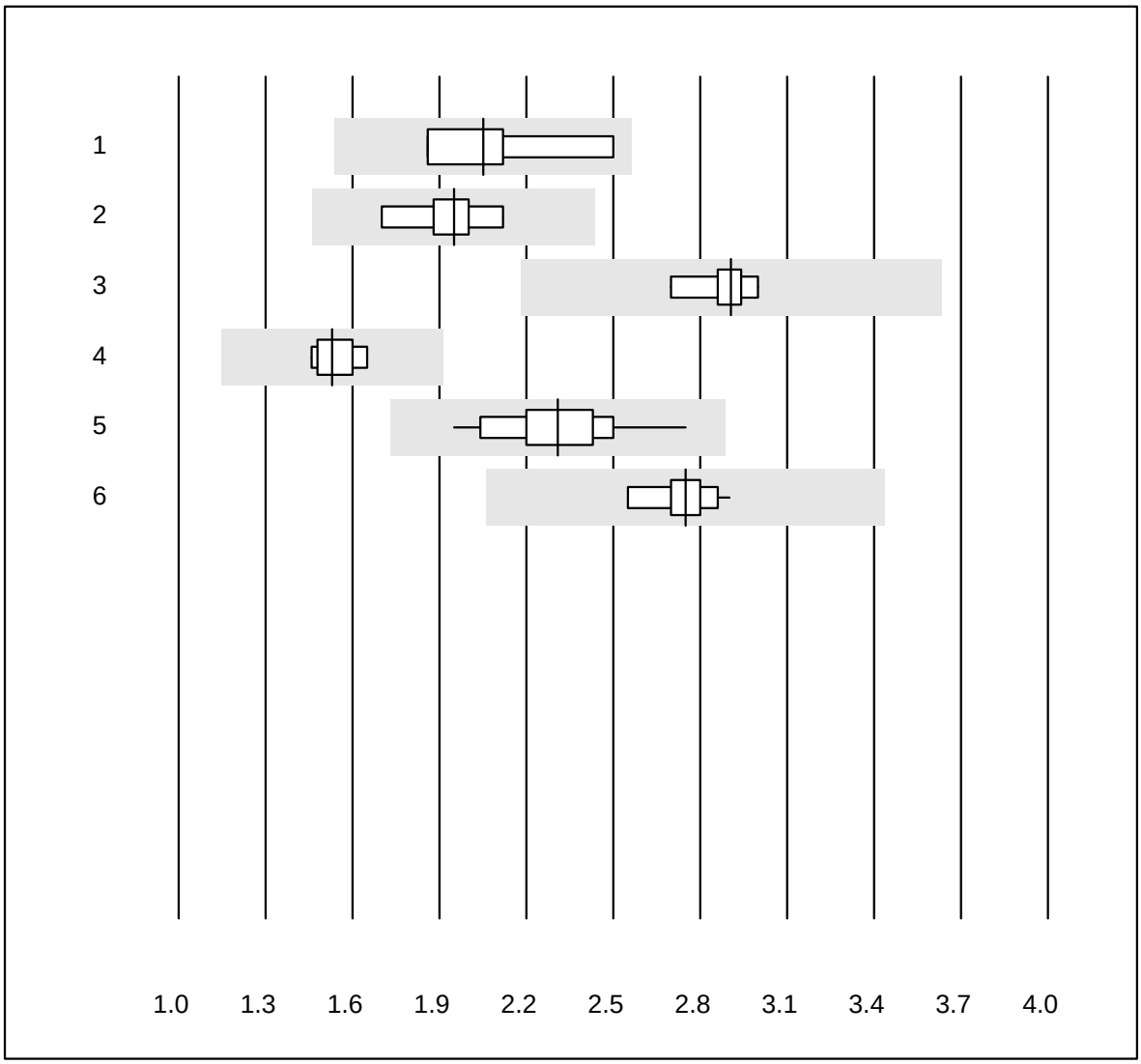


QUALAB Toleranz : 18 %

Creatina chinasi (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	24	100.0	0.0	0.0	373	3.0	e
2	Cobas	19	100.0	0.0	0.0	346	2.1	e
3	Reflotron	326	94.4	3.1	2.5	298	8.3	e
4	Fuji Dri-Chem	525	97.0	1.1	1.9	428	4.9	e
5	Spotchem/Ready	33	97.0	3.0	0.0	402	6.5	e
6	Spotchem D-Concept	178	100.0	0.0	0.0	393	5.6	e
7	Piccolo	17	94.1	0.0	5.9	386	3.3	e
8	Abx Mira	4	100.0	0.0	0.0	373	3.1	e
9	Hitachi S40/M40	4	75.0	0.0	25.0	282	12.1	e*
10	Dimension	4	100.0	0.0	0.0	343	2.2	e
11	Autolyser/DiaSys	15	100.0	0.0	0.0	397	3.9	e

LDL Cholesterin

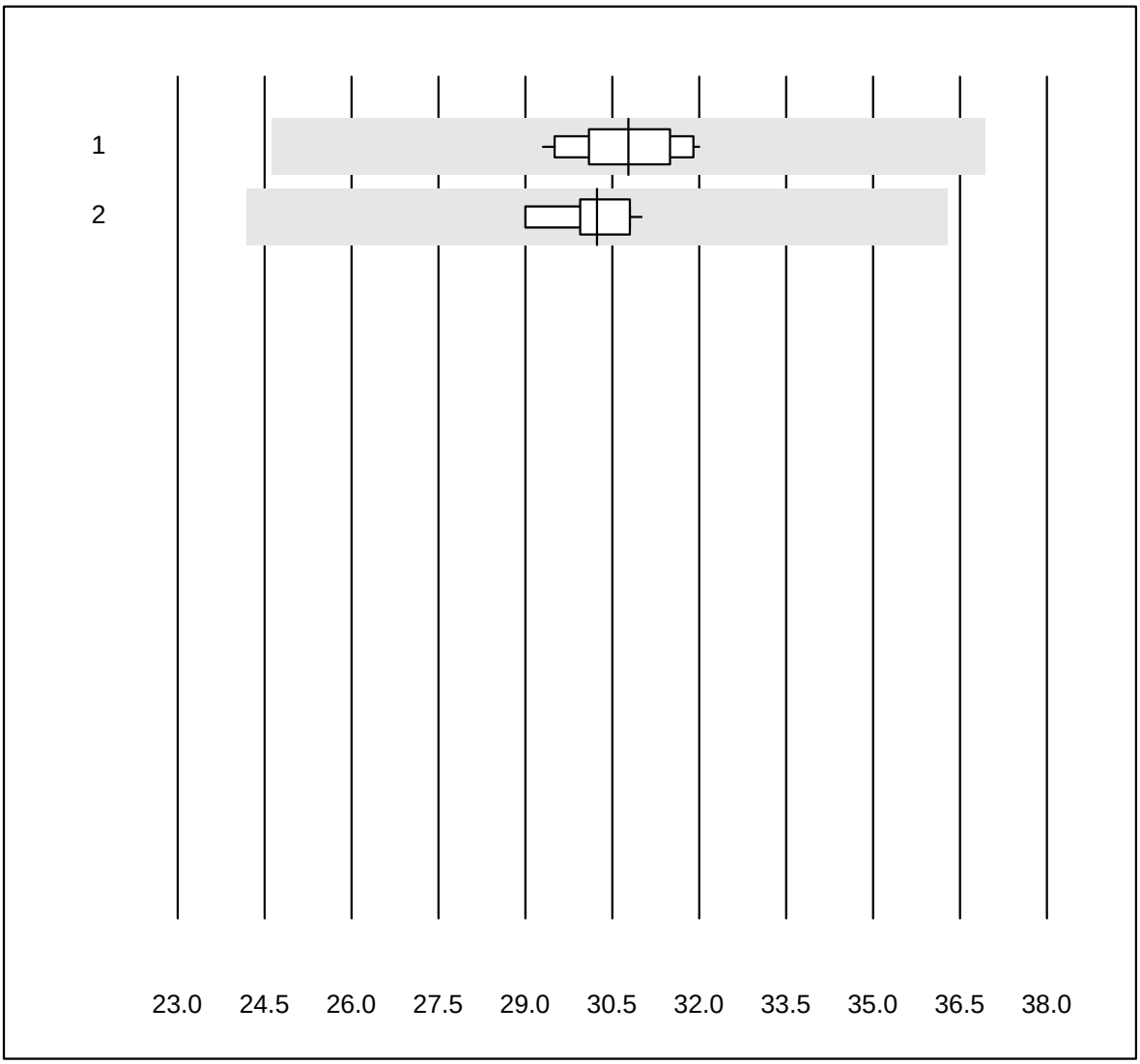


Tolleranza MQ : 25 %

LDL Cholesterin (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Abx Mira	4	100.0	0.0	0.0	2.1	13.1	e*
2	Chimica umida	6	100.0	0.0	0.0	2.0	7.4	e*
3	Roche, Cobas	8	100.0	0.0	0.0	2.9	3.3	e
4	Hitachi S40/M40	5	100.0	0.0	0.0	1.5	5.2	e
5	Autolyser/DiaSys	13	100.0	0.0	0.0	2.3	9.1	e
6	Beckman	10	100.0	0.0	0.0	2.8	3.7	e

Ferro

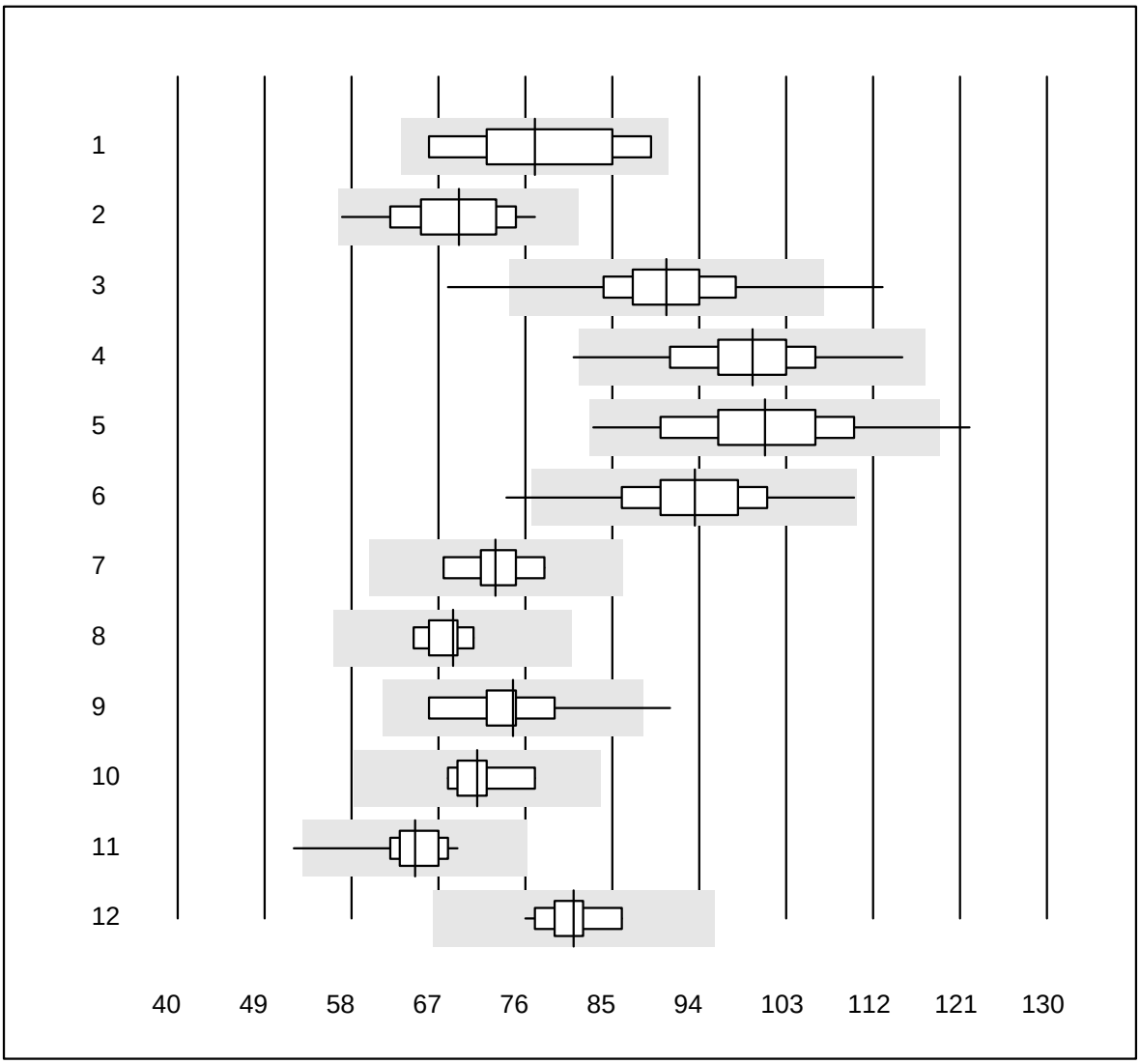


QUALAB Toleranz : 20 %

Ferro (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	18	100.0	0.0	0.0	31	2.7	e
2	Cobas	10	100.0	0.0	0.0	30	1.9	e

Gamma-GT

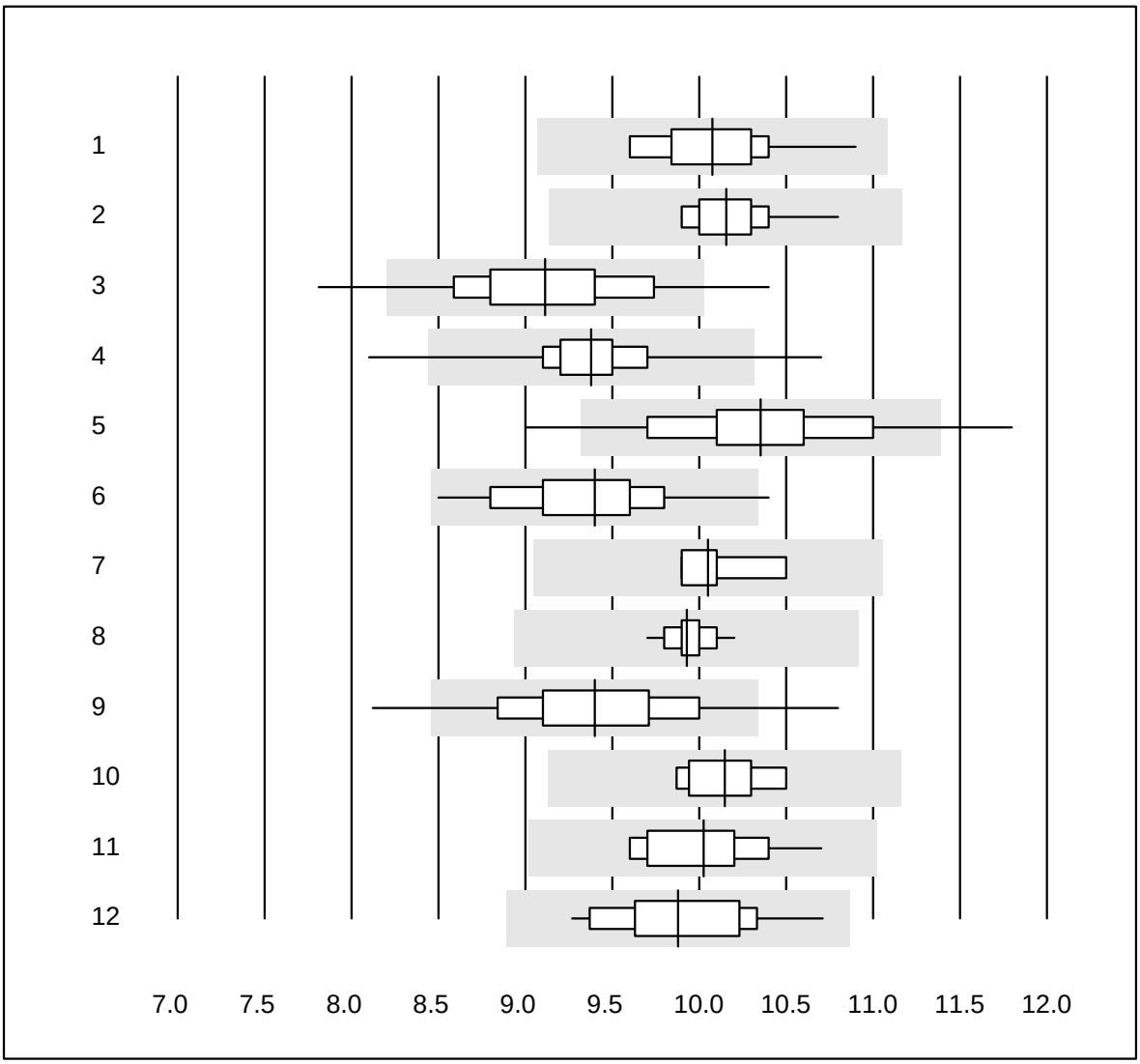


QUALAB Toleranz : 18 %

Gamma-GT (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	6	100.0	0.0	0.0	77	10.9	e*
2	Cobas	21	100.0	0.0	0.0	69	7.6	e
3	Reflotron	660	97.5	1.7	0.8	91	6.4	e
4	Fuji Dri-Chem	887	99.4	0.1	0.5	100	5.7	e
5	Spotchem/Ready	85	98.8	1.2	0.0	101	7.8	e
6	Spotchem D-Concept	328	99.4	0.3	0.3	94	6.0	e
7	Selectra/Biolis	6	100.0	0.0	0.0	73	4.9	e
8	Architect	6	100.0	0.0	0.0	69	3.3	e
9	Dimension	10	90.0	10.0	0.0	75	8.8	e*
10	IFCC Beckmann	7	100.0	0.0	0.0	71	4.1	e
11	Piccolo	42	97.6	2.4	0.0	65	5.0	e
12	Hitachi S40/M40	13	100.0	0.0	0.0	81	3.9	e
13	Autolyser/DiaSys	18	100.0	0.0	0.0	74	5.5	e

Glucosio

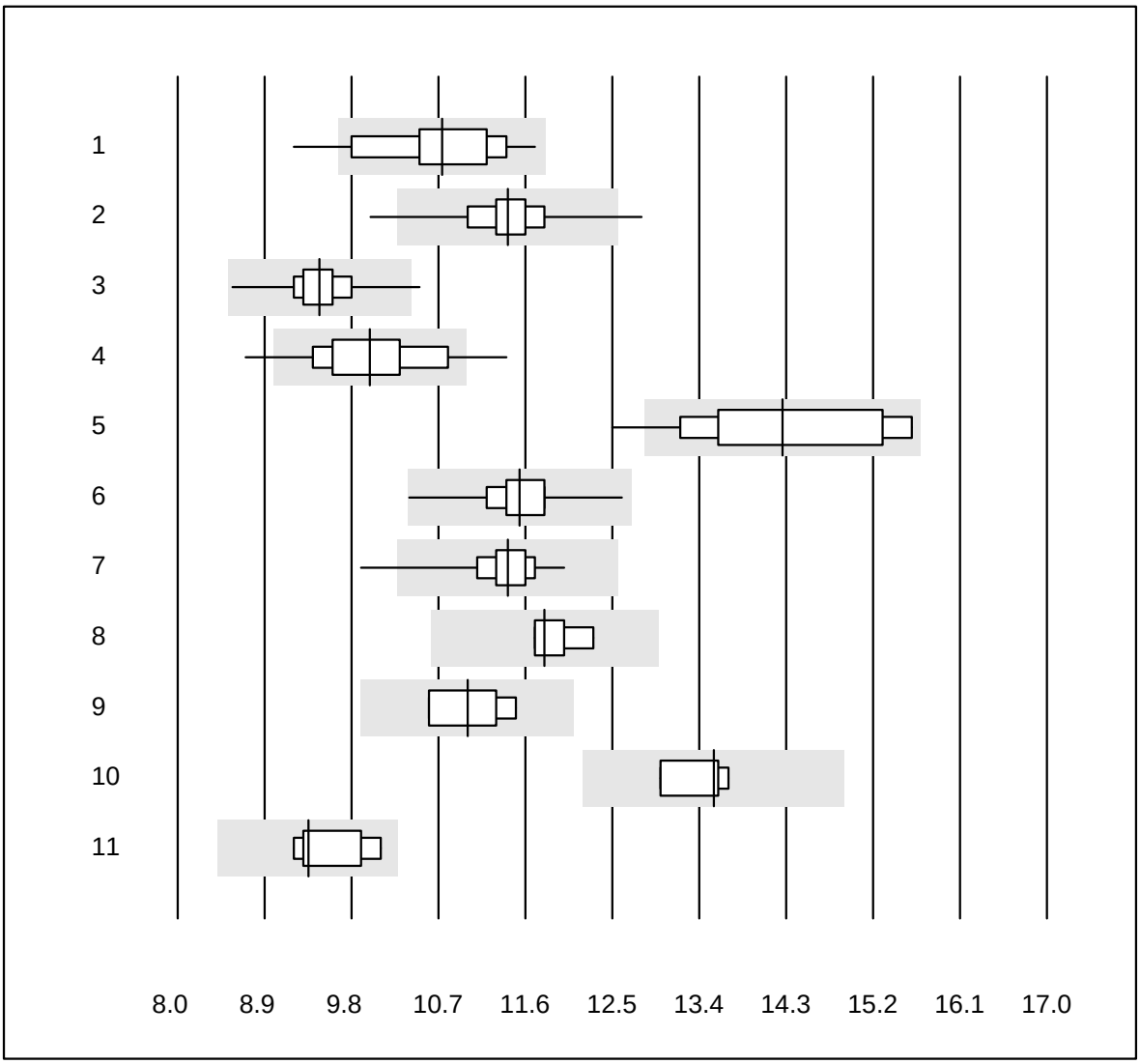


QUALAB Toleranz : 10 %

Glucosio (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	31	100.0	0.0	0.0	10.1	3.3	e
2	Cobas	19	100.0	0.0	0.0	10.2	2.2	e
3	Reflotron	646	92.1	4.3	3.6	9.1	4.9	e
4	Fuji Dri-Chem	840	98.5	0.8	0.7	9.4	3.0	e
5	Spotchem/Ready	77	92.2	5.2	2.6	10.4	4.8	e
6	Spotchem D-Concept	299	99.0	0.3	0.7	9.4	4.2	e
7	Dimension	4	100.0	0.0	0.0	10.1	2.6	e*
8	Piccolo	55	98.2	0.0	1.8	9.9	1.2	e
9	Cholestech LDX	92	94.6	4.3	1.1	9.4	4.9	e
10	Abx Mira	6	100.0	0.0	0.0	10.1	2.4	e
11	Hitachi S40/M40	16	100.0	0.0	0.0	10.0	3.1	e
12	Autolyser/DiaSys	18	100.0	0.0	0.0	9.9	4.0	e
13	iStat Chem8	5	100.0	0.0	0.0	9.1	1.3	e

Glucosio

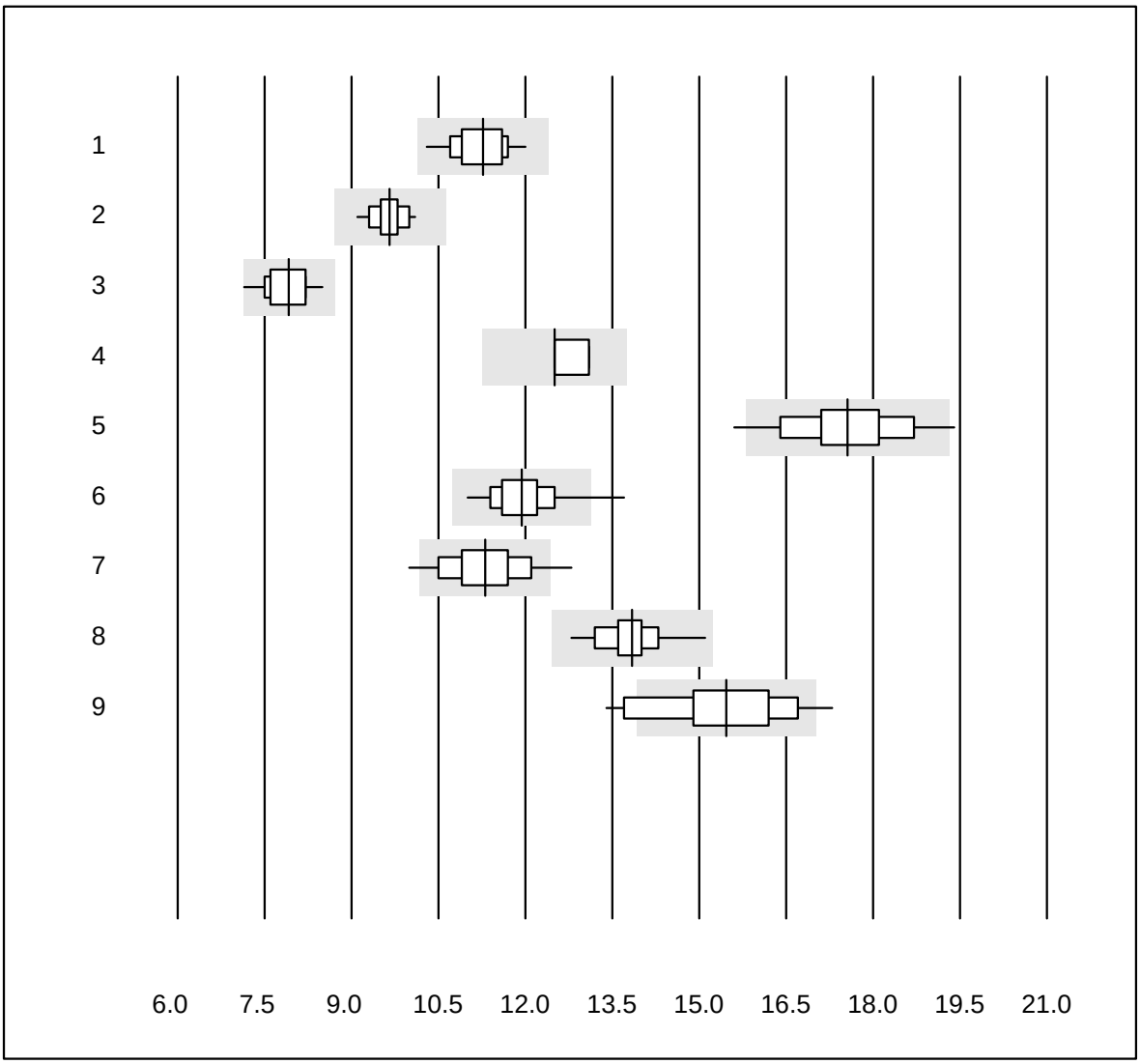


QUALAB Toleranz : 10 %

Glucosio (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Accu-Chek Aviva	323	87.9	6.8	5.3	10.7	5.5	e
2	Accu-Chek Inform 2	637	98.6	1.1	0.3	11.4	2.9	e
3	Accu-Check Guide	147	99.3	0.7	0.0	9.5	3.0	e
4	Contour XT	1196	94.6	4.8	0.6	10.0	5.2	e
5	Glucocard	15	66.6	6.7	26.7	14.3	7.0	e*
6	Hemocue 201+ P-equiv	94	96.8	0.0	3.2	11.5	2.7	e
7	Hemocue 201RT P-equi	106	97.2	1.9	0.9	11.4	2.7	e
8	FreeStyle Precision	6	66.7	0.0	33.3	11.8	2.1	e
9	Freestyle Freedom li	6	100.0	0.0	0.0	11.0	3.5	e*
10	Sanofi BG Star	4	100.0	0.0	0.0	13.6	2.3	e
11	Contour NEXT ONE	6	100.0	0.0	0.0	9.4	3.9	e*

Glucosio

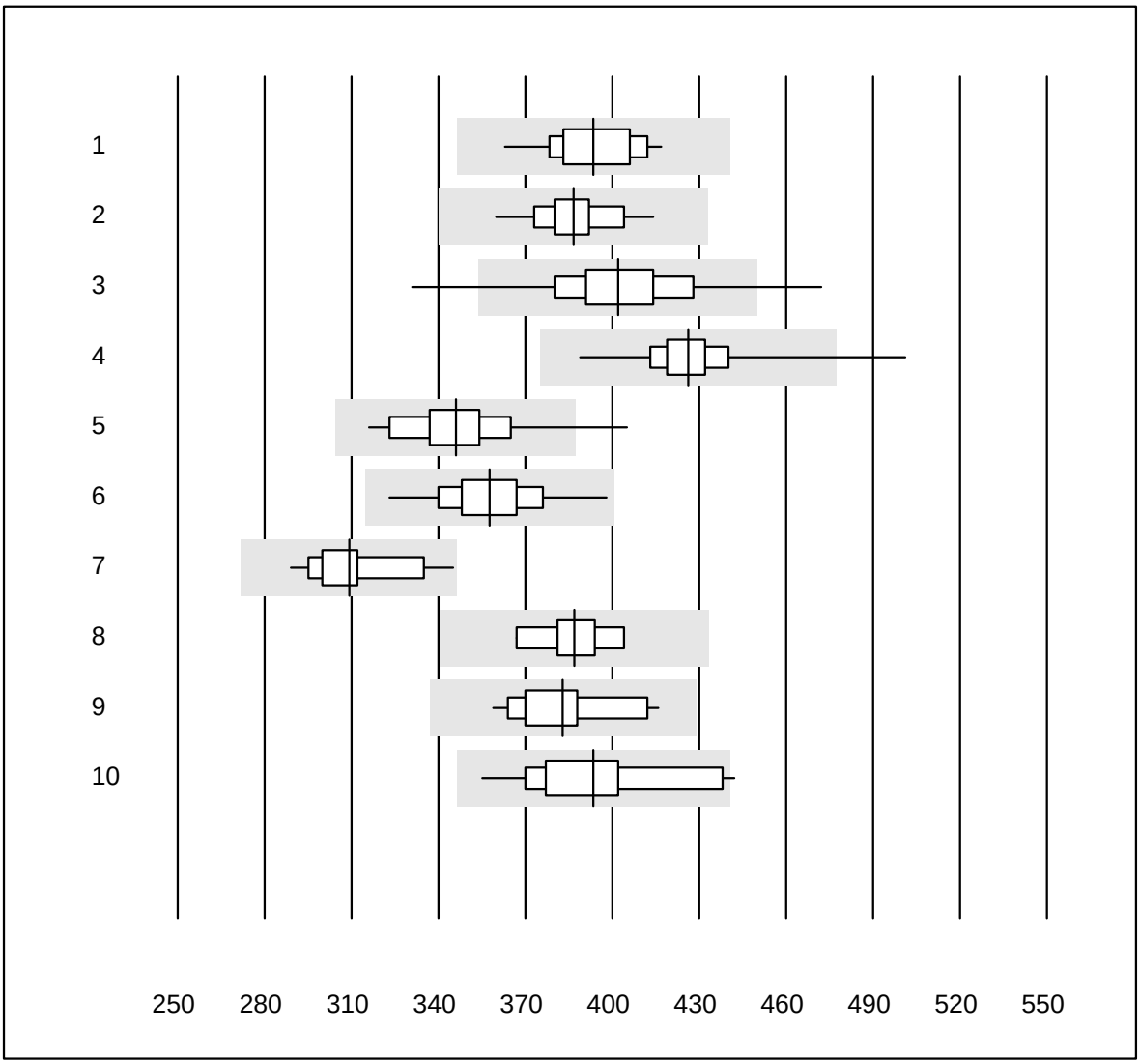


QUALAB Toleranz : 10 %

Glucosio (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Hemocue 201+ (alt)	44	100.0	0.0	0.0	11.3	3.8	e
2	OneTouch Verio	27	100.0	0.0	0.0	9.7	2.7	e
3	Contour 2 (5s)	23	95.7	0.0	4.3	7.9	4.4	e
4	Contour (15s)	5	60.0	0.0	40.0	12.5	2.4	e
5	Healthpro	42	85.8	7.1	7.1	17.6	4.9	e
6	Mylife UNIO	225	97.4	2.2	0.4	11.9	4.0	e
7	mylife Pura	74	89.1	6.8	4.1	11.3	5.4	e
8	Omnitest	18	100.0	0.0	0.0	13.8	3.6	e
9	Alpha Check	23	69.6	21.7	8.7	15.5	7.4	e*

Acido urico

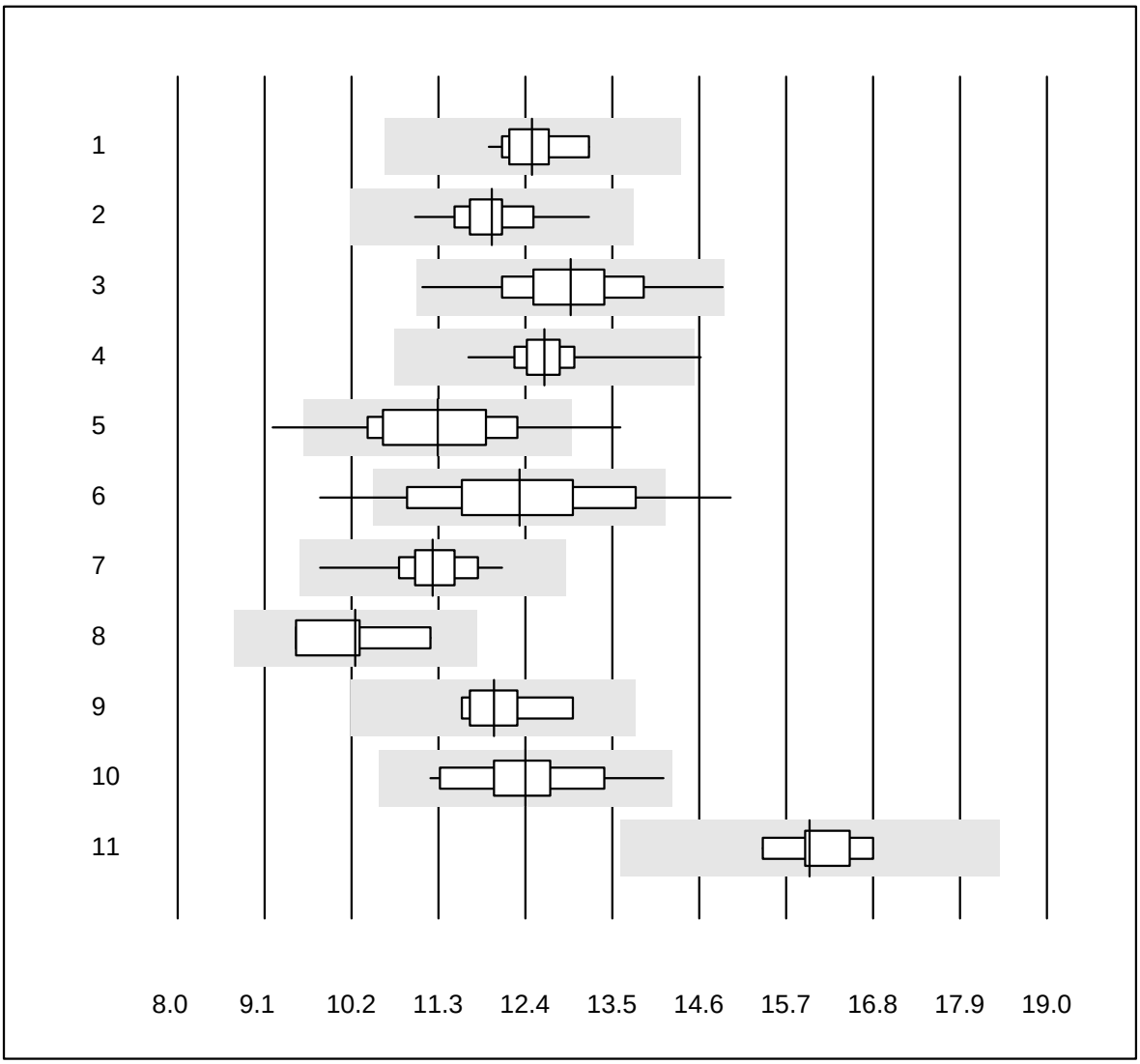


QUALAB Toleranz : 12 %

Acido urico (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	29	100.0	0.0	0.0	393	3.5	e
2	Cobas	17	100.0	0.0	0.0	387	3.3	e
3	Reflotron	579	96.4	2.6	1.0	402	4.9	e
4	Fuji Dri-Chem	828	98.7	0.6	0.7	426	2.8	e
5	Spotchem/Ready	65	98.5	1.5	0.0	346	4.8	e
6	Spotchem D-Concept	303	99.7	0.0	0.3	358	3.9	e
7	Piccolo	30	96.7	0.0	3.3	309	4.5	e
8	Abx Mira	6	100.0	0.0	0.0	387	3.3	e
9	Hitachi S40/M40	13	100.0	0.0	0.0	383	4.4	e
10	Autolyser/DiaSys	17	94.1	5.9	0.0	393	5.9	e

Urea

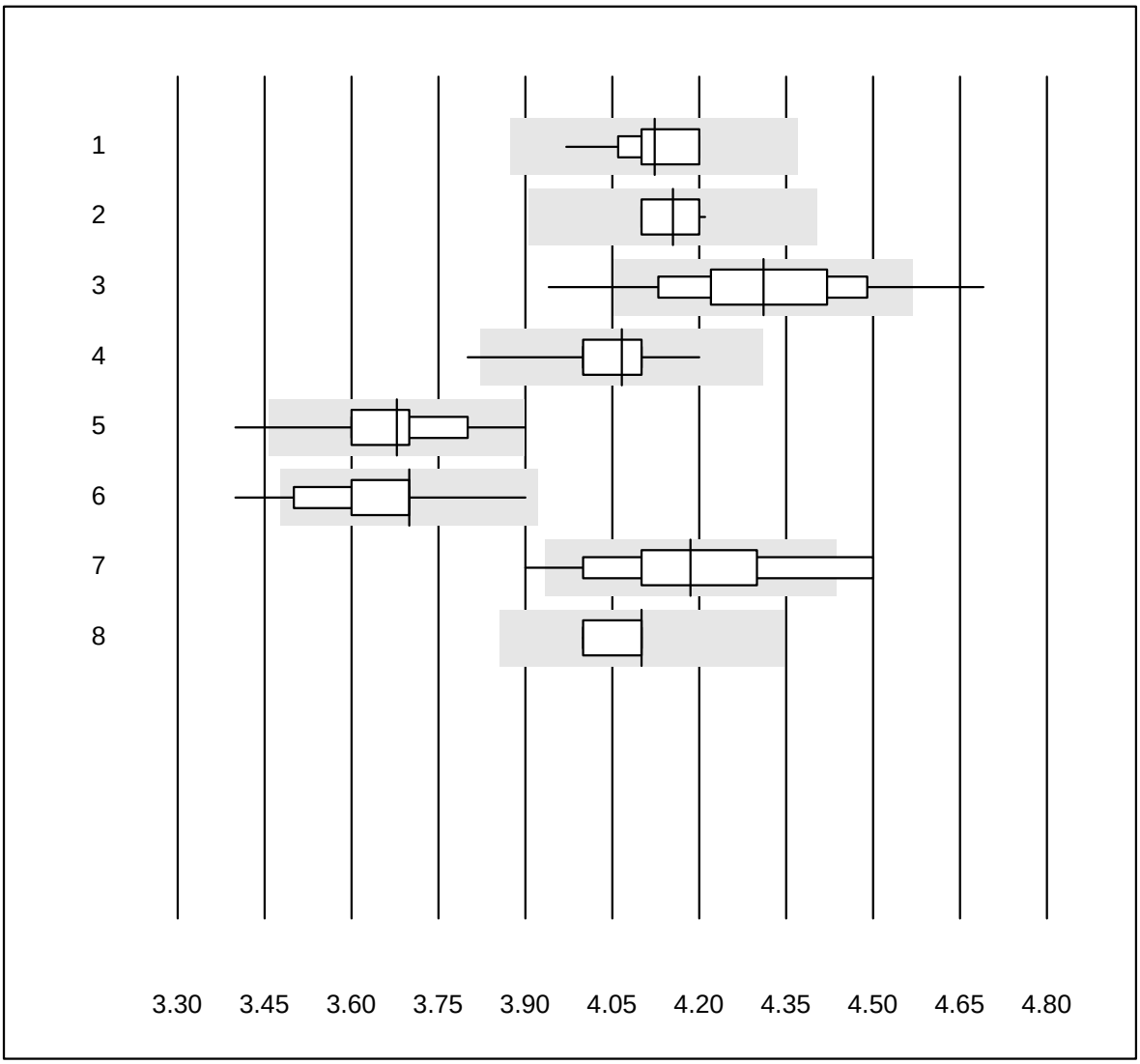


QUALAB Toleranz : 15 %

Urea (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	28	100.0	0.0	0.0	12.5	2.8	e
2	Cobas	20	100.0	0.0	0.0	12.0	3.8	e
3	Reflotron	261	97.3	0.0	2.7	13.0	5.4	e
4	Fuji Dri-Chem	490	99.0	0.2	0.8	12.6	2.6	e
5	Spotchem/Ready	46	89.1	10.9	0.0	11.3	8.4	e
6	Spotchem D-Concept	181	85.1	8.3	6.6	12.3	8.8	e
7	Piccolo	50	98.0	0.0	2.0	11.2	3.7	e
8	Skyla	4	100.0	0.0	0.0	10.3	6.8	e*
9	Hitachi S40/M40	9	100.0	0.0	0.0	12.0	3.9	e
10	Autolyser/DiaSys	14	100.0	0.0	0.0	12.4	6.3	e
11	iStat Chem8	5	100.0	0.0	0.0	16.0	3.4	e

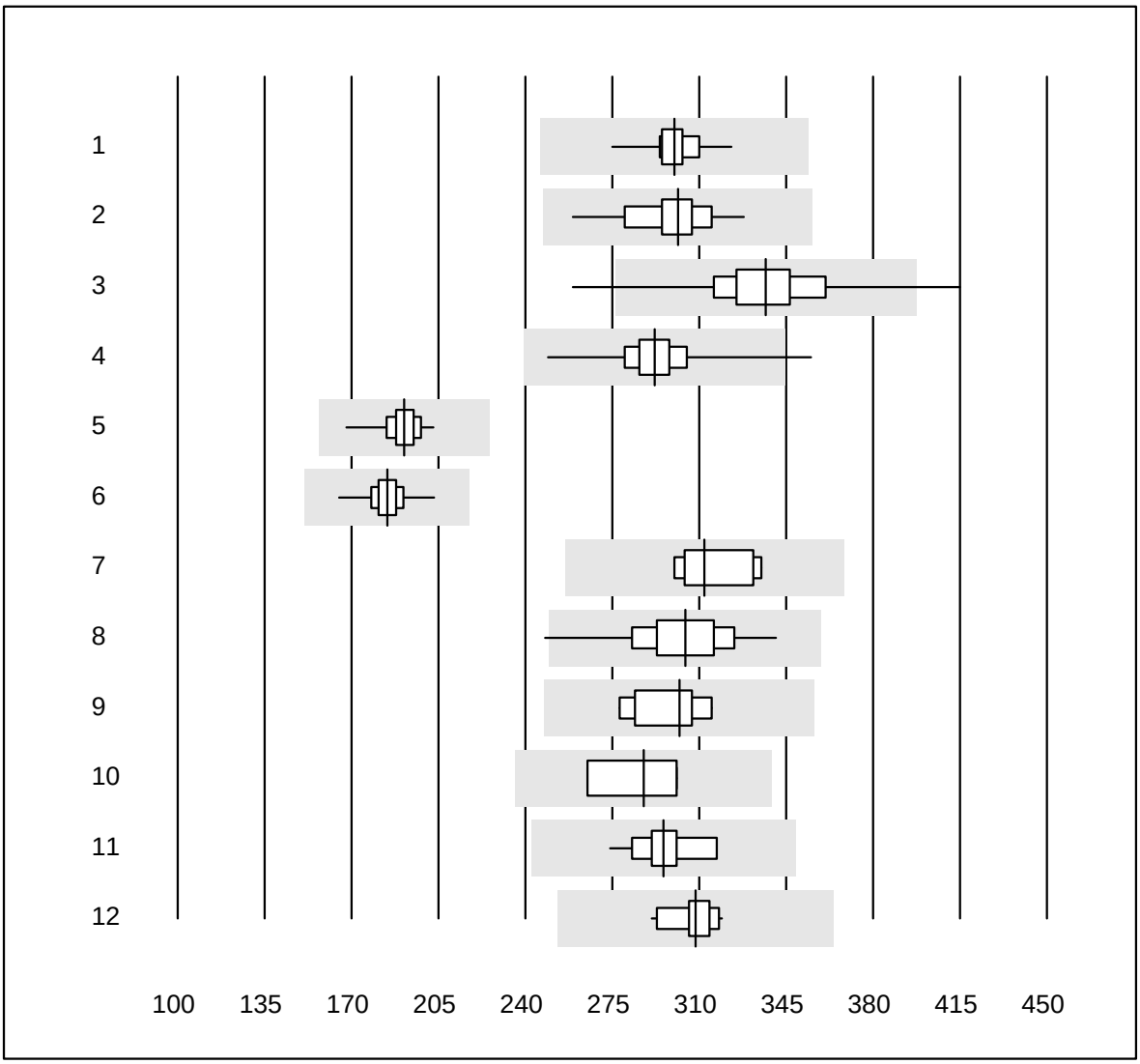
Potassio



QUALAB Toleranz : 6 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	43	100.0	0.0	0.0	4.12	1.5	e
2	Cobas	21	100.0	0.0	0.0	4.16	1.1	e
3	Reflotron	588	89.4	7.7	2.9	4.31	3.3	e
4	Fuji Dri-Chem	877	97.4	1.0	1.6	4.07	1.6	e
5	Spotchem D-Concept	304	99.0	0.7	0.3	3.68	2.0	e
6	Spotchem EL-SE 1520	76	96.1	2.6	1.3	3.70	2.6	e
7	Piccolo	38	73.7	15.8	10.5	4.19	4.1	e
8	iStat Chem8	8	100.0	0.0	0.0	4.10	1.1	e

Creatinina

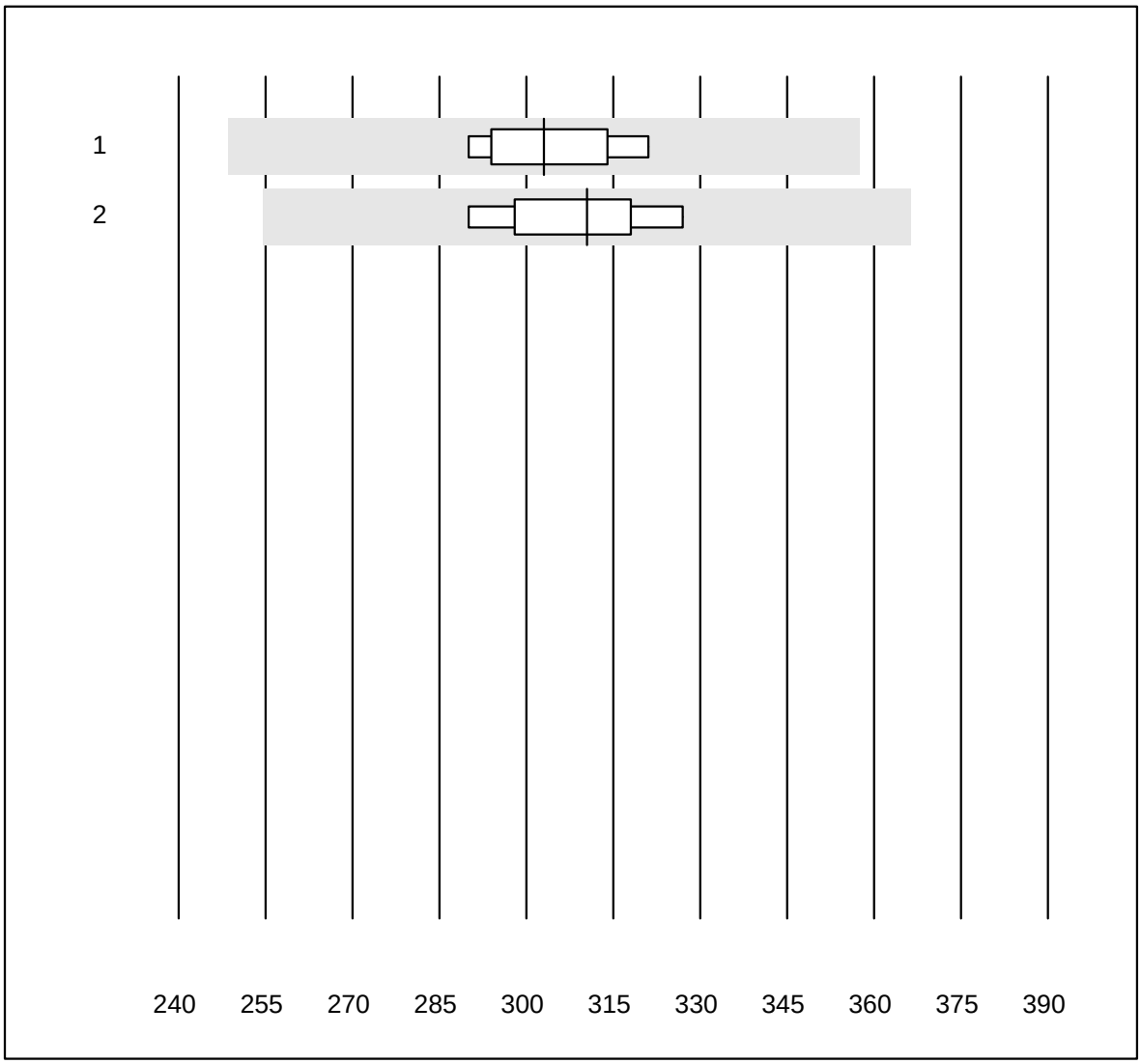


QUALAB Toleranz : 18 %

Creatinina (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	16	100.0	0.0	0.0	300	3.4	e
2	Cobas	20	100.0	0.0	0.0	301	4.8	e
3	Reflotron	769	98.1	0.5	1.4	337	5.5	e
4	Fuji Dri-Chem	909	99.2	0.2	0.6	292	3.7	e
5	Spotchem/Ready	94	100.0	0.0	0.0	191	3.2	e
6	Spotchem D-Concept	323	99.7	0.0	0.3	184	3.1	e
7	Enzymatisch	9	100.0	0.0	0.0	312	4.6	e
8	Piccolo	56	96.4	1.8	1.8	304	5.9	e
9	Abx Mira	8	100.0	0.0	0.0	302	4.2	e
10	Skyla	4	75.0	0.0	25.0	288	6.7	e*
11	Hitachi S40/M40	15	100.0	0.0	0.0	295	3.9	e
12	Autolyser/DiaSys	18	100.0	0.0	0.0	309	2.5	e
13	altro	4	100.0	0.0	0.0	304	1.6	e
14	EPOC	6	83.3	0.0	16.7	265	5.4	e*

Creatinina E

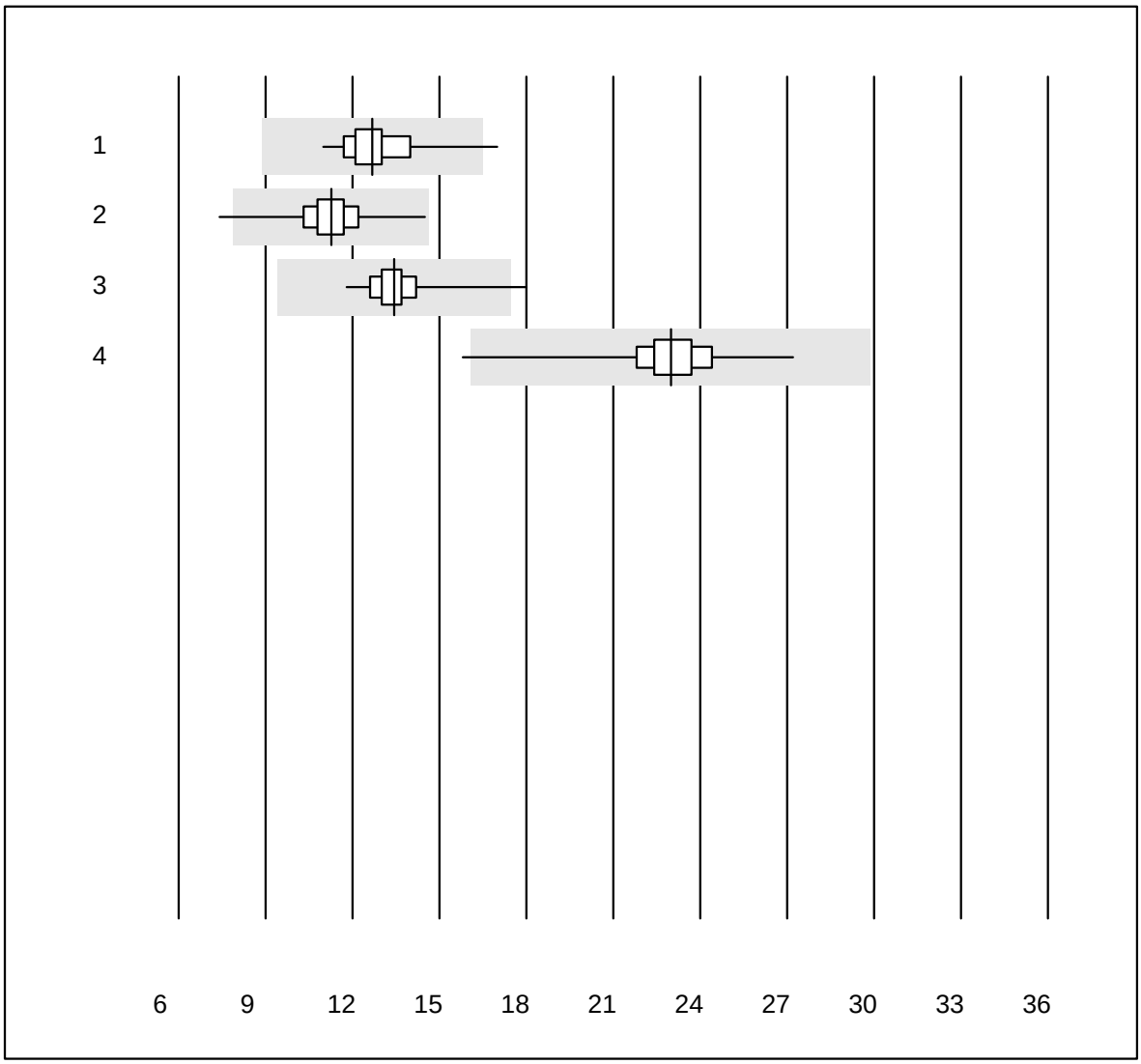


QUALAB Toleranz : 18 %

Creatinina E (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat Chem8	9	100.0	0.0	0.0	303	3.8	e
2	ABL700/800	8	100.0	0.0	0.0	311	4.2	e

eGFR CKD-EPI

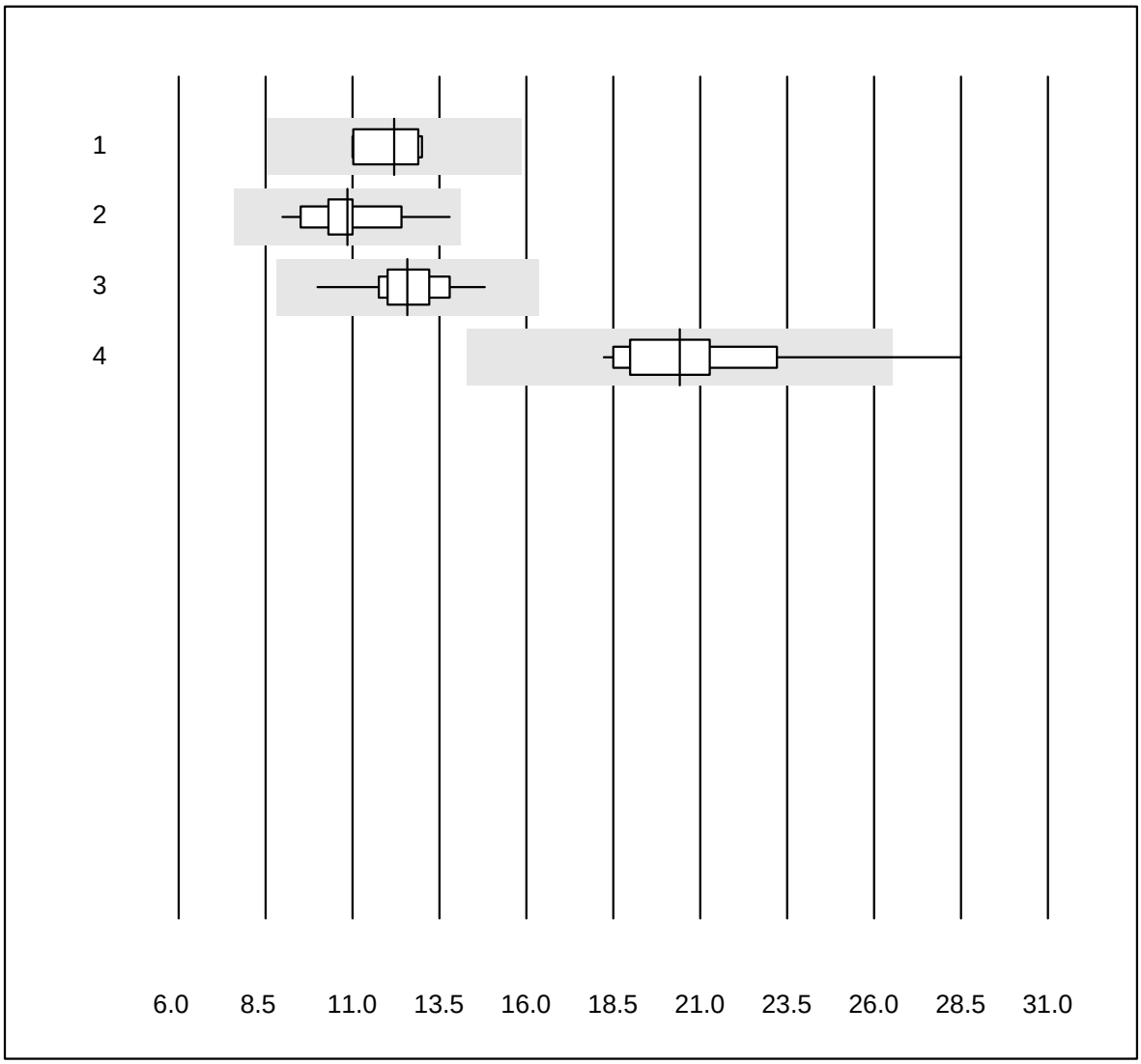


Tolleranza MQ : 30 %

eGFR CKD-EPI ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	69	91.4	1.4	7.2	13	7.4	e
2	Reflotron	257	95.3	0.4	4.3	11	7.3	e
3	Fuji Dri-Chem	365	94.3	0.5	5.2	13	5.9	e
4	Spotchem/Ready	154	92.9	1.3	5.8	23	6.5	e

eGFR Cockcroft-Gault

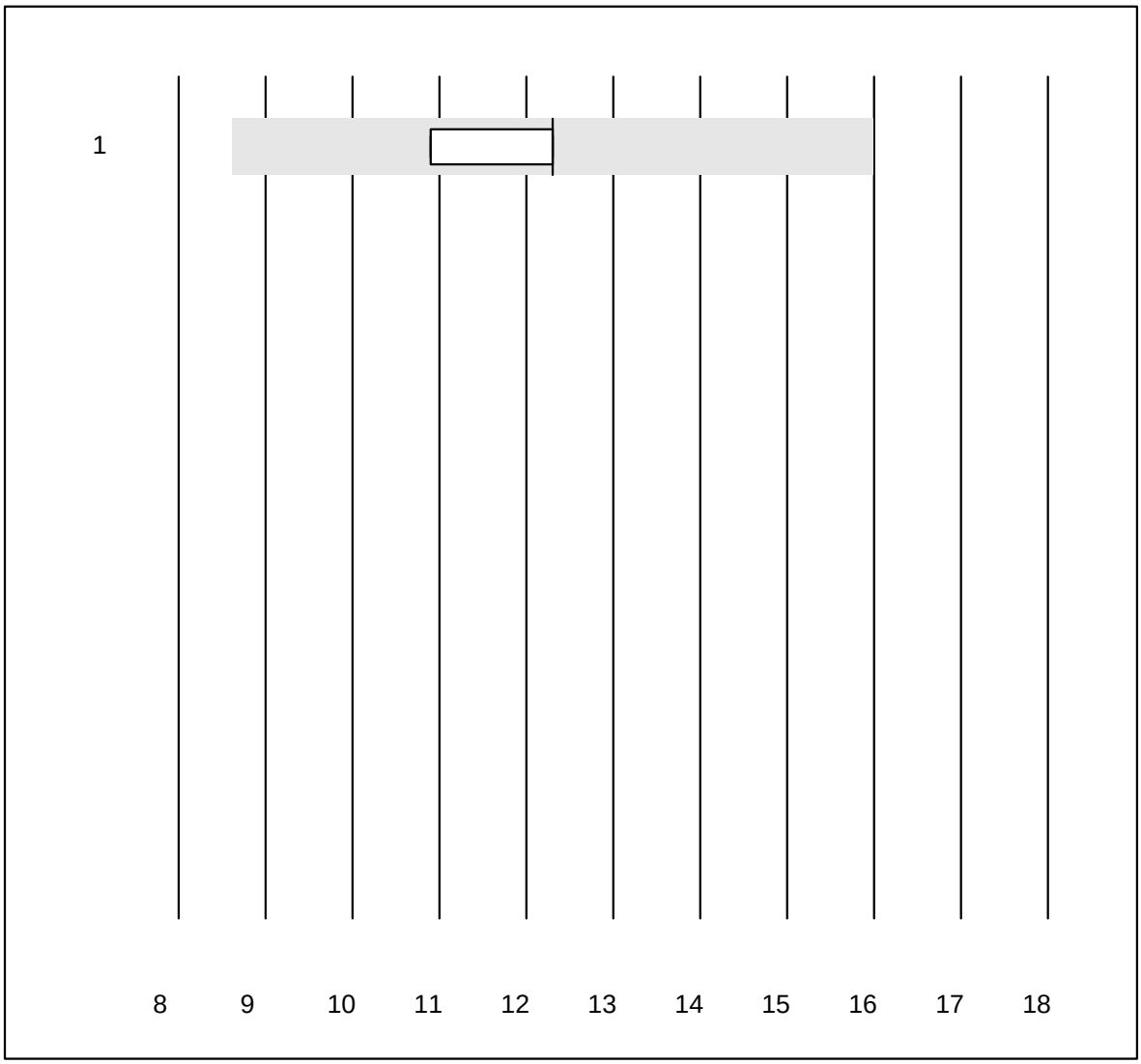


Tolleranza MQ : 30 %

eGFR Cockcroft-Gault ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	6	100.0	0.0	0.0	12	7.3	e
2	Reflotron	27	96.3	0.0	3.7	11	9.9	e
3	Fuji Dri-Chem	38	97.4	0.0	2.6	13	7.2	e
4	Spotchem/Ready	20	90.0	5.0	5.0	20	12.2	e

eGFR MDRD

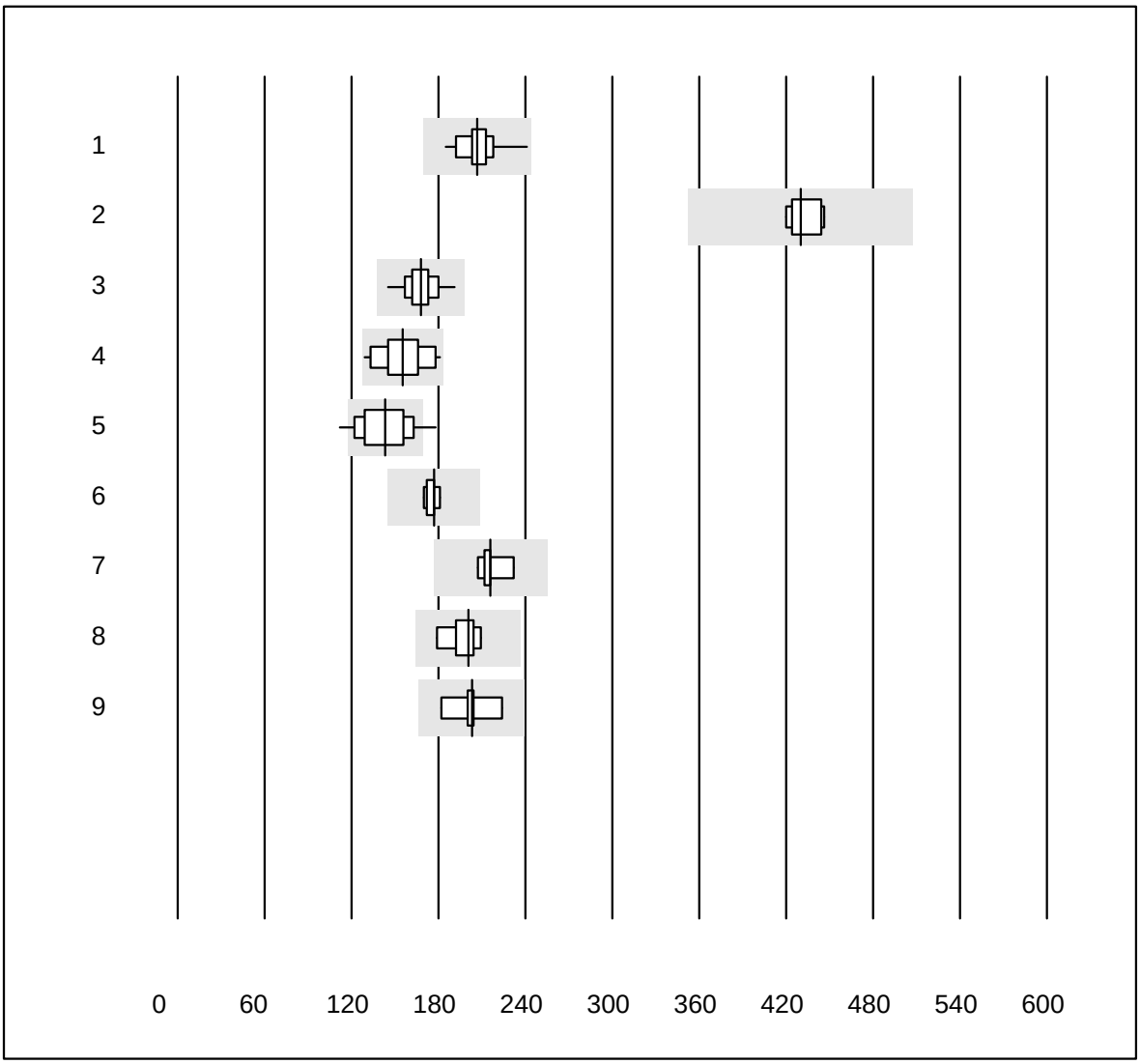


Tolleranza MQ : 30 %

eGFR MDRD ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Reflotron	5	80.0	0.0	20.0	12	5.6	e

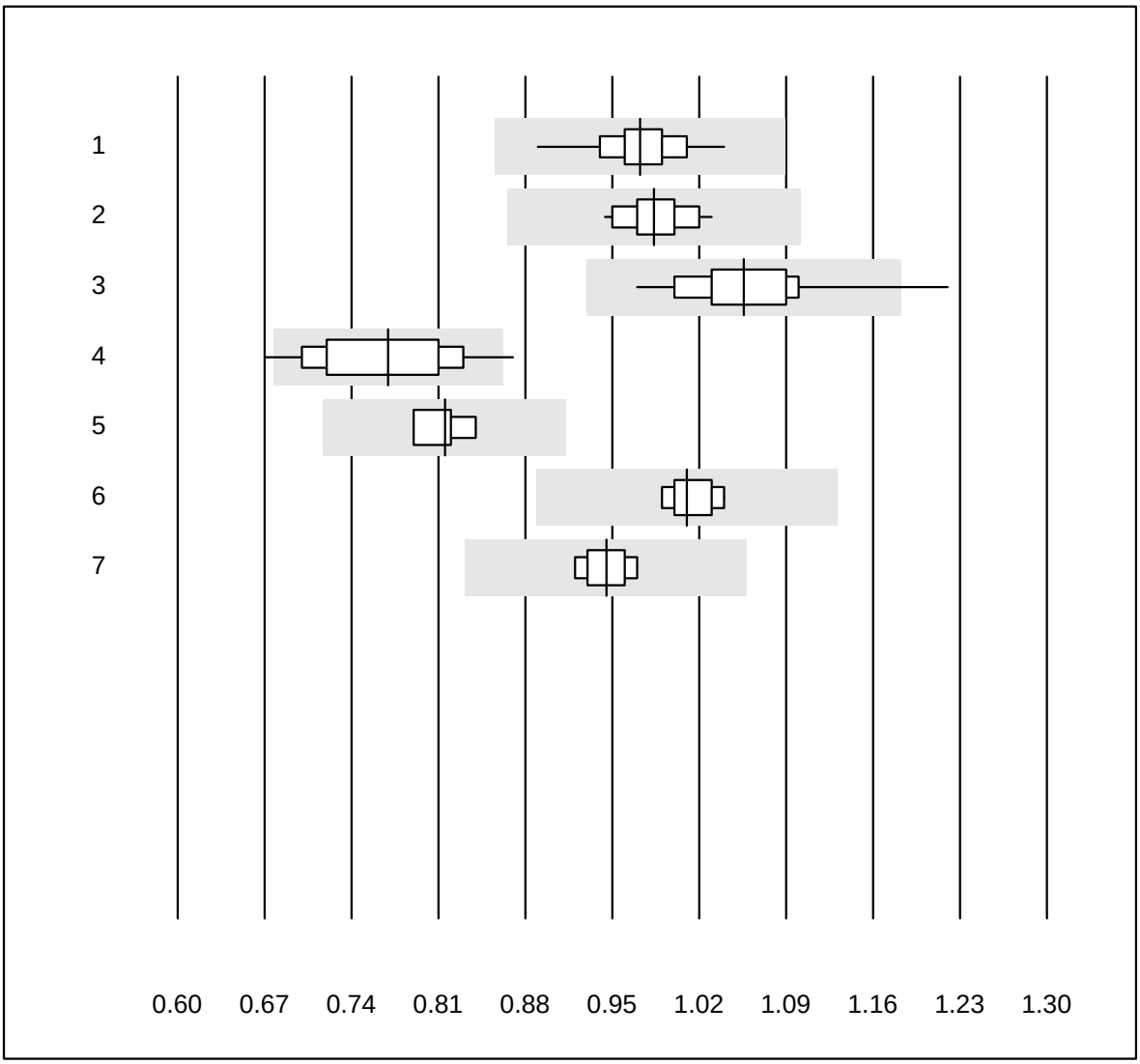
LDH



QUALAB Toleranz : 18 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	37	100.0	0.0	0.0	206	5.3	e
2	Cobas	7	100.0	0.0	0.0	430	2.3	e
3	Fuji Dri-Chem	145	98.6	0.0	1.4	168	5.3	e
4	Spotchem/Ready	13	100.0	0.0	0.0	155	11.0	e*
5	Spotchem D-Concept	55	87.3	9.1	3.6	143	11.5	e
6	Piccolo	6	100.0	0.0	0.0	177	2.3	e
7	Abx Mira	5	100.0	0.0	0.0	216	4.3	e
8	Hitachi S40/M40	6	100.0	0.0	0.0	201	5.4	e*
9	Autolyser/DiaSys	9	100.0	0.0	0.0	203	6.2	e

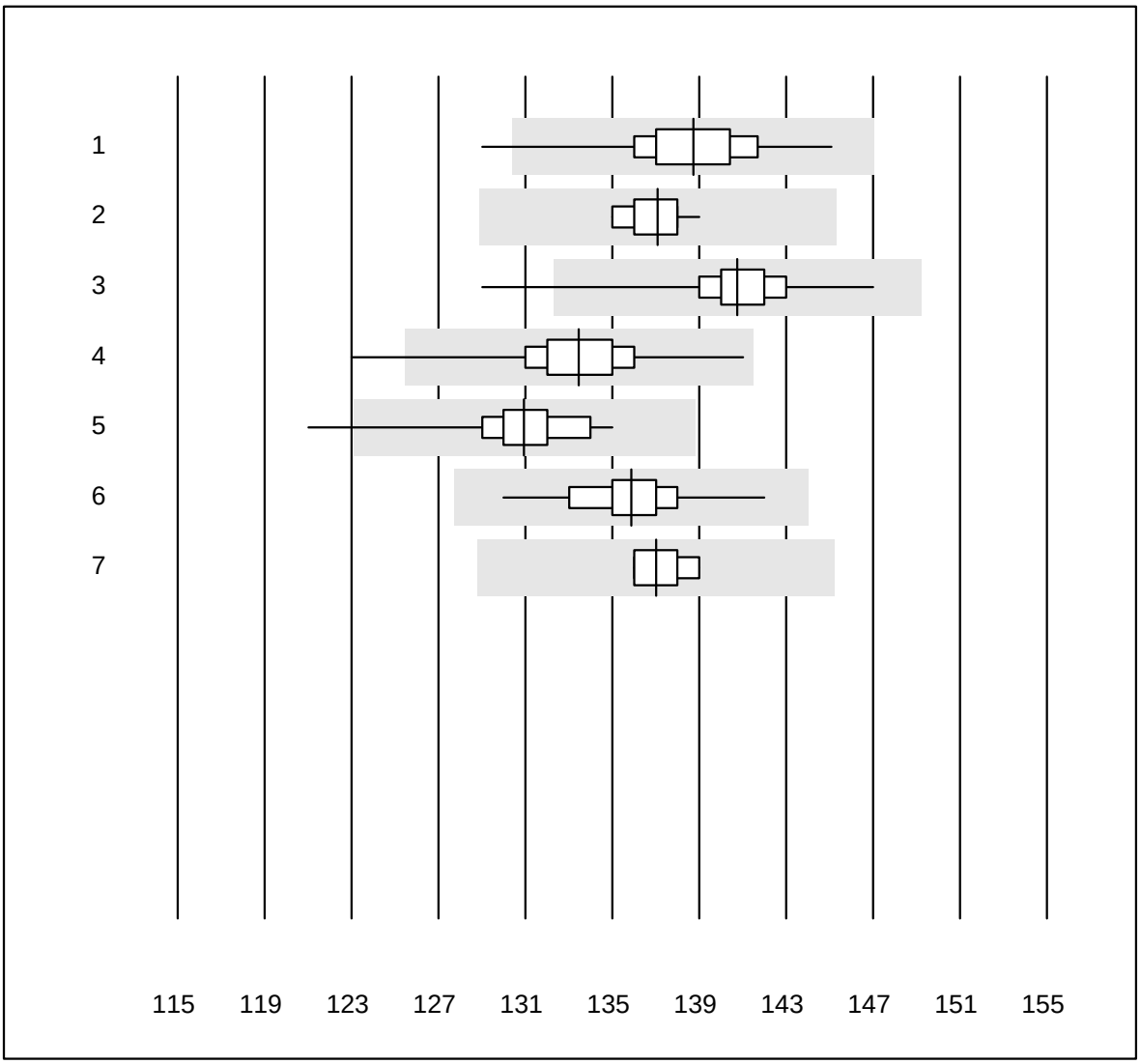
Magnesio



QUALAB Toleranz : 12 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	14	100.0	0.0	0.0	0.97	3.7	e
2	Cobas	15	100.0	0.0	0.0	0.98	2.6	e
3	Fuji Dri-Chem	115	98.3	1.7	0.0	1.06	4.1	e
4	Spotchem D-Concept	42	90.5	9.5	0.0	0.77	7.1	e
5	Spotchem/Ready	4	100.0	0.0	0.0	0.82	2.6	e
6	Beckman	6	100.0	0.0	0.0	1.01	1.9	e
7	Piccolo	8	100.0	0.0	0.0	0.95	1.8	e

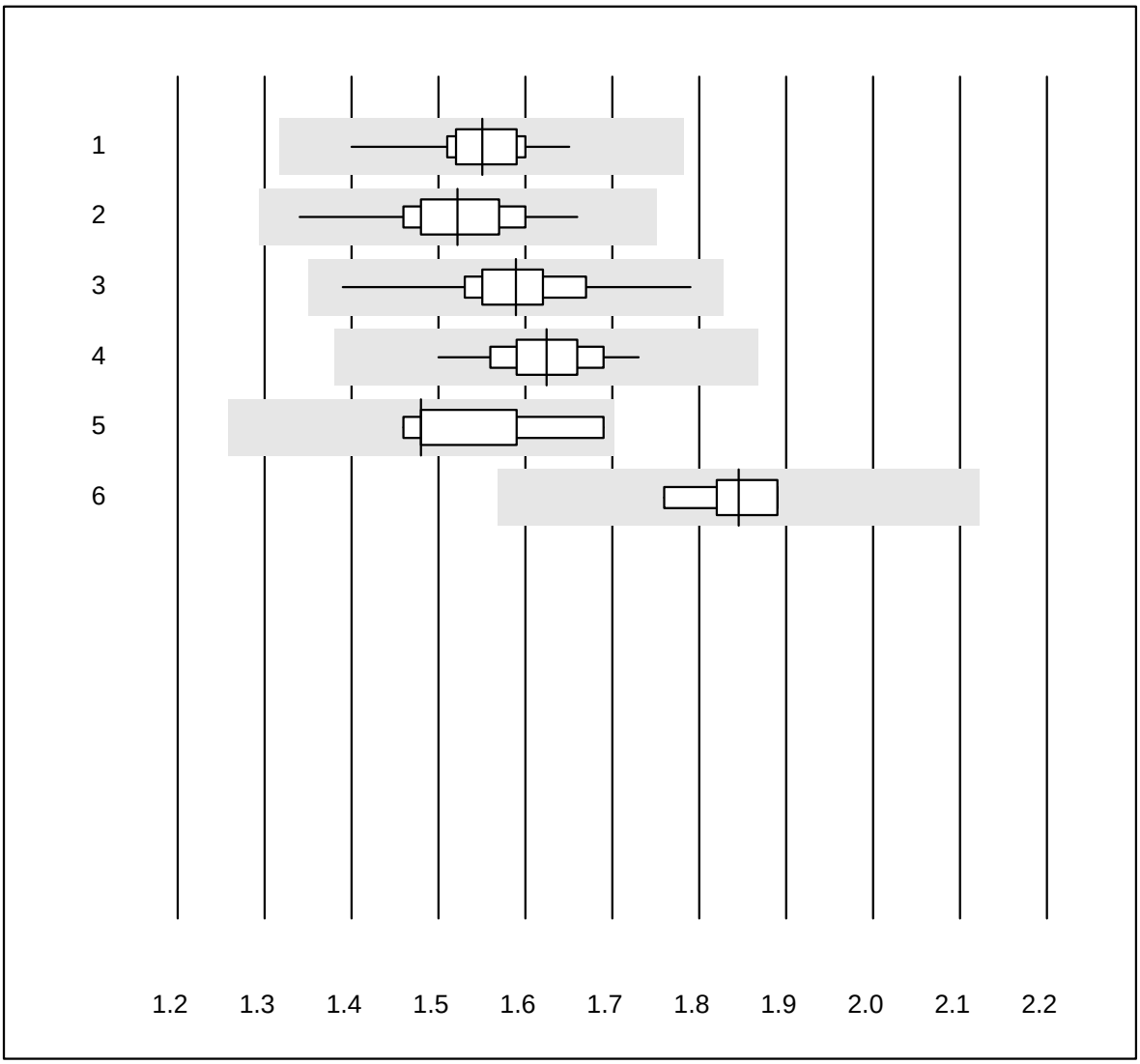
Sodio



QUALAB Toleranz : 6 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	42	97.6	2.4	0.0	139	2.0	e
2	Cobas	20	100.0	0.0	0.0	137	0.9	e
3	Fuji Dri-Chem	820	98.4	1.0	0.6	141	1.5	e
4	Spotchem D-Concept	290	99.0	0.7	0.3	133	1.6	e
5	Spotchem EL-SE 1520	74	95.9	1.4	2.7	131	1.9	e
6	Piccolo	39	100.0	0.0	0.0	136	1.8	e
7	iStat Chem8	6	100.0	0.0	0.0	137	0.9	e

Fosfati

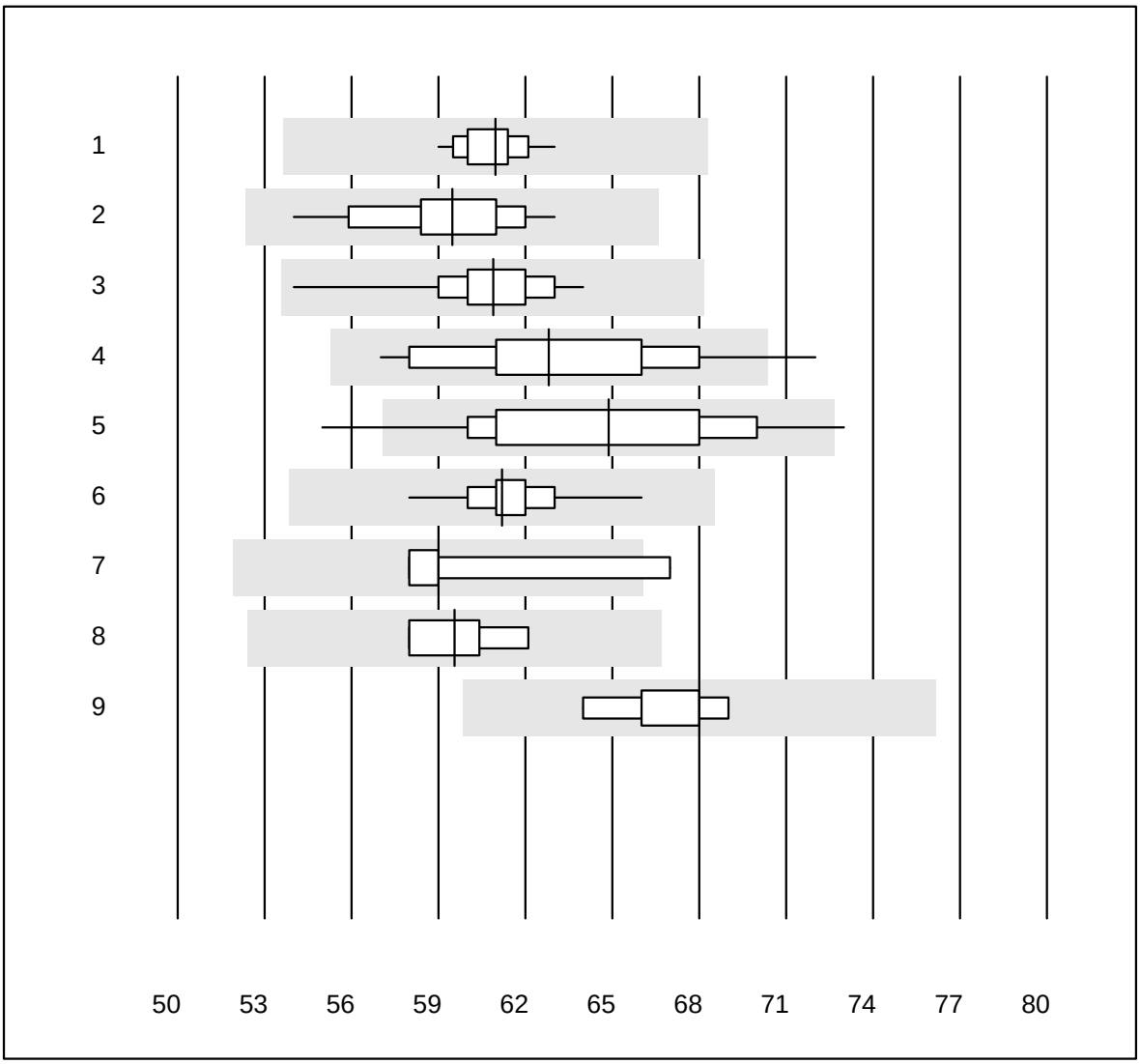


QUALAB Toleranz : 15 %

Fosfati (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	23	100.0	0.0	0.0	1.6	3.3	e
2	Cobas	17	100.0	0.0	0.0	1.5	4.6	e
3	Fuji Dri-Chem	84	98.8	0.0	1.2	1.6	3.8	e
4	Spotchem D-Concept	21	100.0	0.0	0.0	1.6	3.6	e
5	Spotchem/Ready	5	100.0	0.0	0.0	1.5	6.4	e*
6	Piccolo	6	100.0	0.0	0.0	1.8	2.7	e

Proteine totali

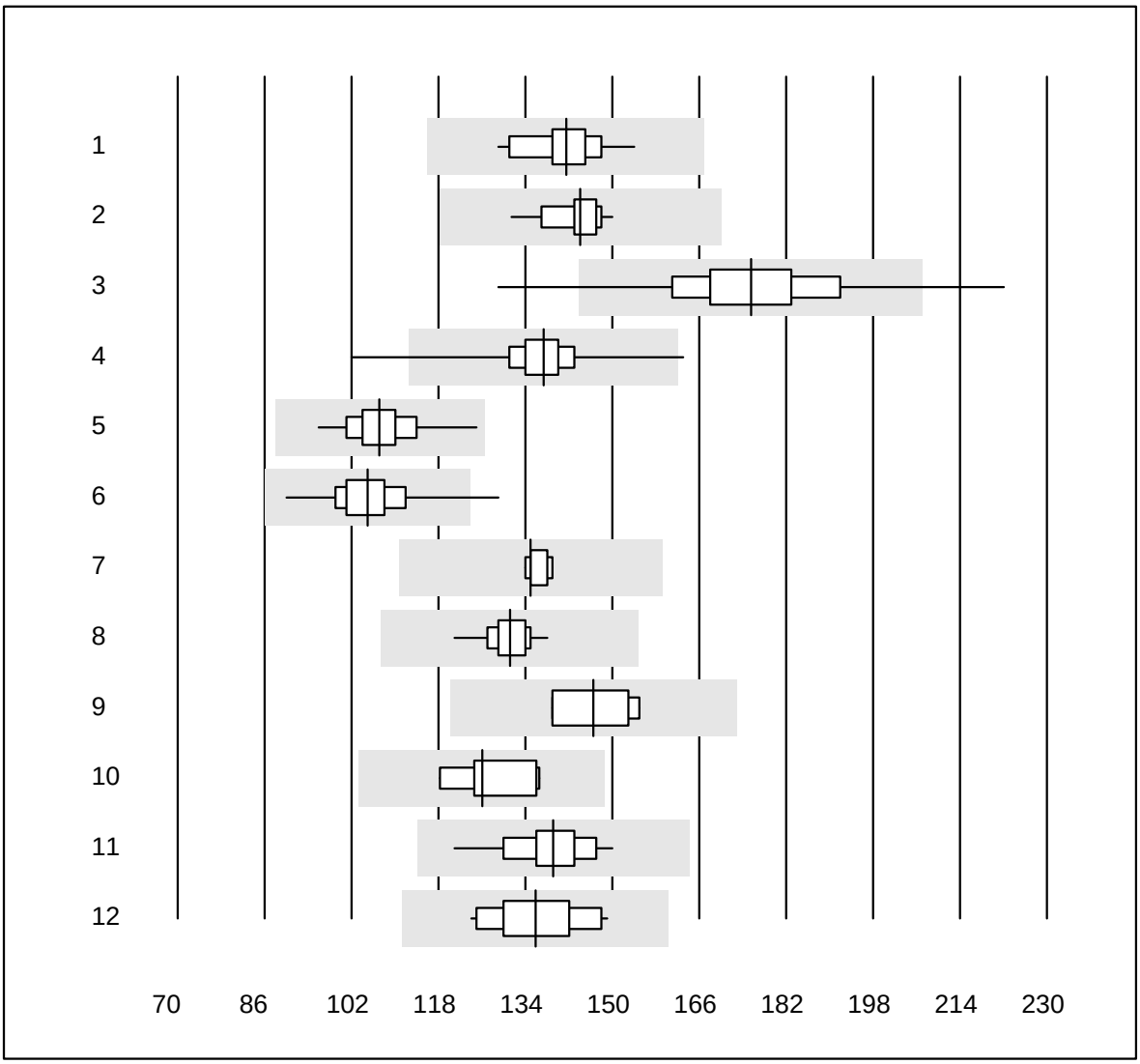


QUALAB Toleranz : 12 %

Proteine totali (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	24	100.0	0.0	0.0	61.0	1.6	e
2	Cobas	17	100.0	0.0	0.0	59.5	4.1	e
3	Fuji Dri-Chem	177	98.9	0.0	1.1	60.9	2.8	e
4	Spotchem/Ready	26	96.2	3.8	0.0	62.8	6.0	e
5	Spotchem D-Concept	120	92.5	5.0	2.5	64.9	6.4	e
6	Piccolo	41	97.6	0.0	2.4	61.2	2.4	e
7	Skyla	4	75.0	25.0	0.0	59.0	6.9	e*
8	Abx Mira	4	100.0	0.0	0.0	59.6	3.1	e*
9	Hitachi S40/M40	5	100.0	0.0	0.0	68.0	3.0	e

Transaminasi GOT/AST

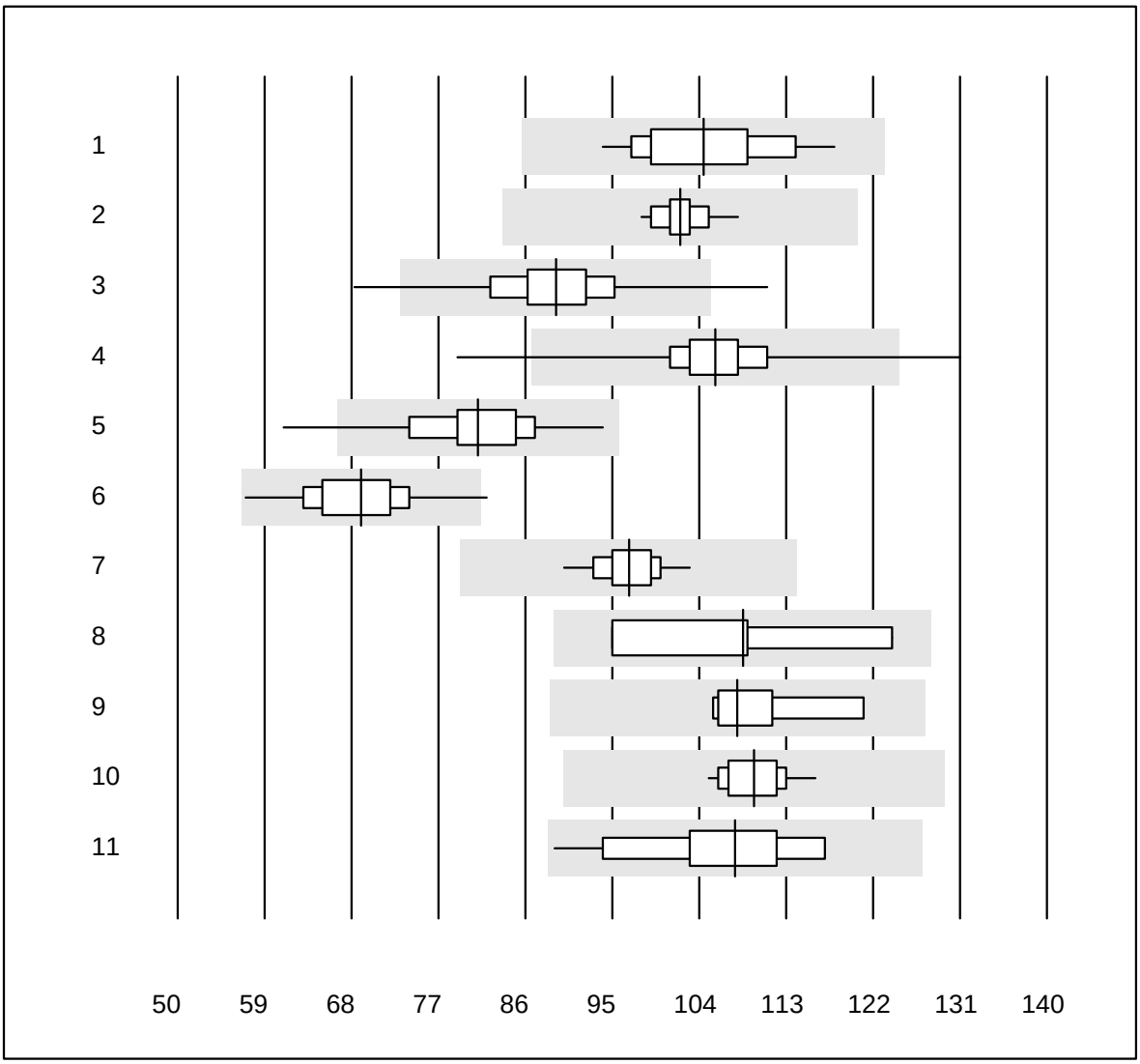


QUALAB Toleranz : 18 %

Transaminasi GOT/AST (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC con PP	30	100.0	0.0	0.0	142	4.1	e
2	Cobas	16	100.0	0.0	0.0	144	3.2	e
3	Reflotron	672	95.6	2.5	1.9	176	7.3	e
4	Fuji Dri-Chem	887	99.6	0.2	0.2	137	3.6	e
5	Spotchem/Ready	86	100.0	0.0	0.0	107	4.8	e
6	Spotchem D-Concept	322	99.7	0.3	0.0	105	5.1	e
7	IFCC senza PP	5	100.0	0.0	0.0	135	1.6	e
8	Piccolo	56	98.2	0.0	1.8	131	2.6	e
9	Skyla	4	100.0	0.0	0.0	147	5.7	e*
10	Abx Mira	7	100.0	0.0	0.0	126	5.1	e
11	Hitachi S40/M40	16	100.0	0.0	0.0	139	5.0	e
12	Autolyser/DiaSys	18	100.0	0.0	0.0	136	5.7	e

Transaminasi GPT/ALT

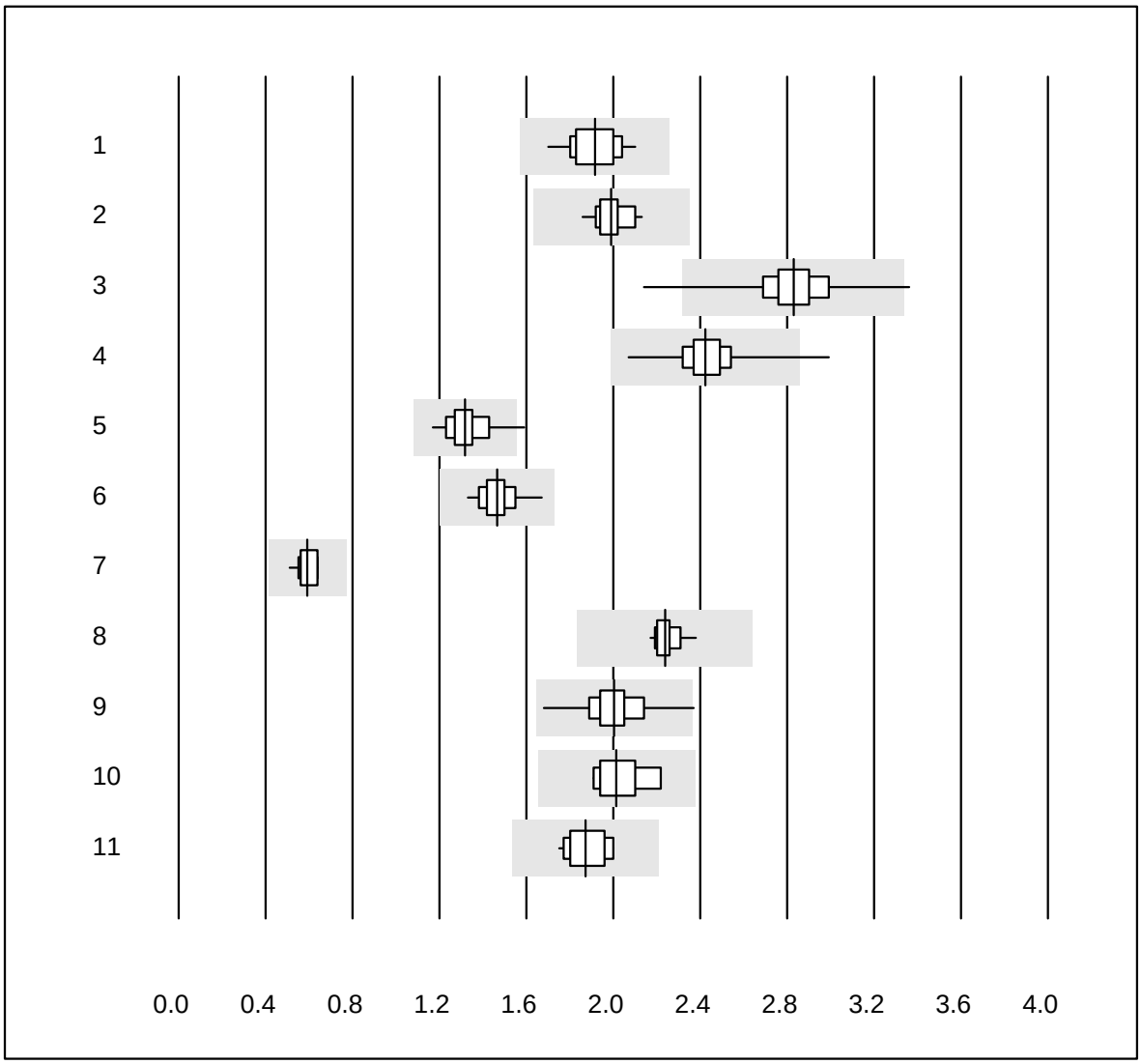


QUALAB Toleranz : 18 %

Transaminasi GPT/ALT (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC con PP	28	100.0	0.0	0.0	104	6.0	e
2	Cobas	22	100.0	0.0	0.0	102	2.3	e
3	Reflotron	691	98.6	0.7	0.7	89	5.8	e
4	Fuji Dri-Chem	903	99.4	0.3	0.3	106	4.1	e
5	Spotchem/Ready	91	95.6	4.4	0.0	81	7.6	e
6	Spotchem D-Concept	325	98.8	0.6	0.6	69	6.7	e
7	Piccolo	56	96.4	0.0	3.6	97	2.9	e
8	Skyla	4	100.0	0.0	0.0	109	10.9	e*
9	Abx Mira	6	100.0	0.0	0.0	108	5.3	e*
10	Hitachi S40/M40	16	93.7	0.0	6.3	110	2.8	e
11	Autolyser/DiaSys	18	100.0	0.0	0.0	108	7.1	e

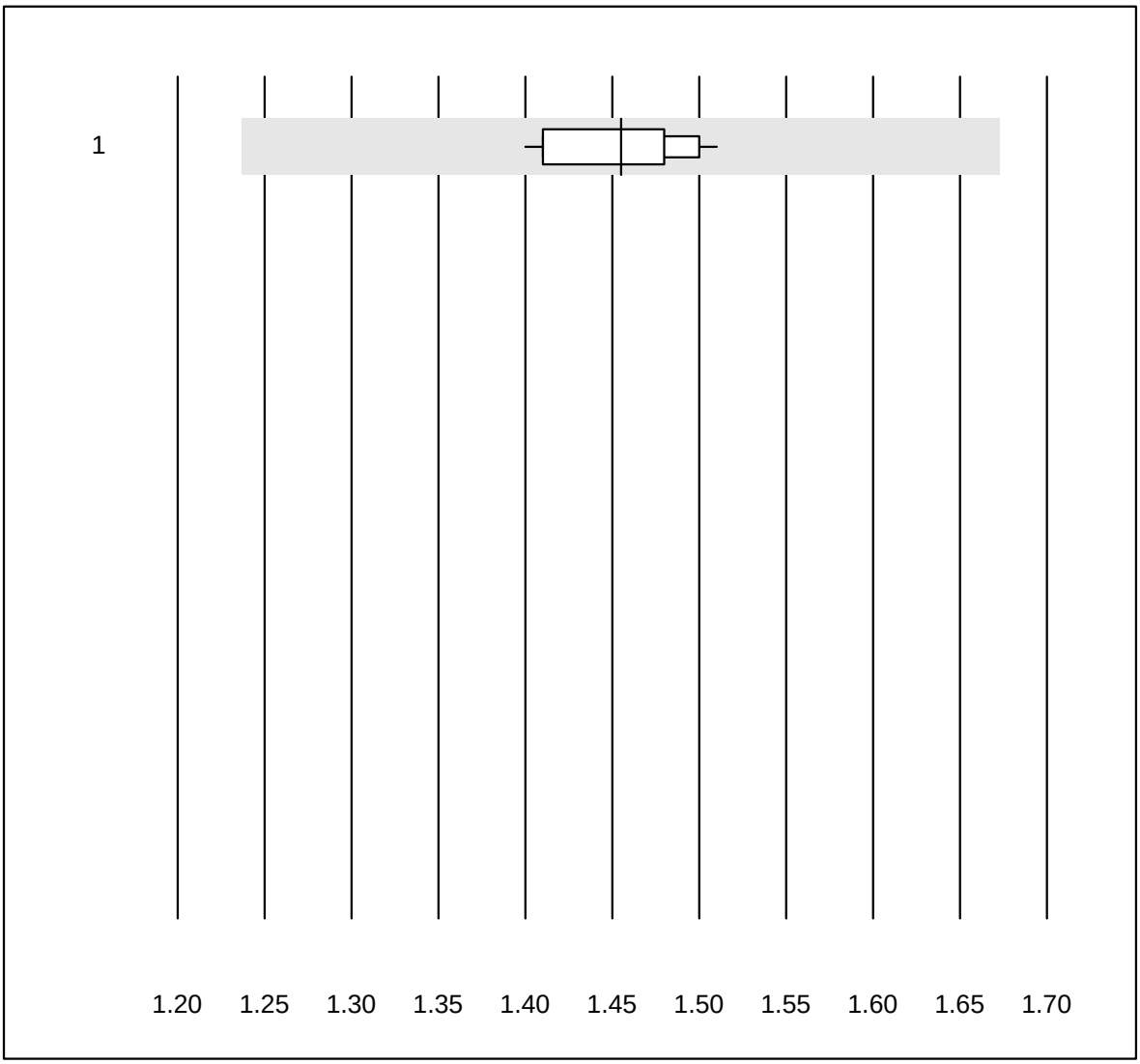
Trigliceridi



QUALAB Toleranz : 18 %
(< 1.00: +/- 0.18 mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	27	96.3	0.0	3.7	1.92	5.3	e
2	Cobas	23	100.0	0.0	0.0	1.99	3.3	e
3	Reflotron	372	96.8	0.8	2.4	2.83	4.6	e
4	Fuji Dri-Chem	778	99.3	0.1	0.6	2.43	3.9	e
5	Spotchem/Ready	73	98.6	1.4	0.0	1.32	6.3	e
6	Spotchem D-Concept	286	97.6	0.0	2.4	1.46	4.3	e
7	Hitachi S40/M40	11	100.0	0.0	0.0	0.59	7.3	e*
8	Piccolo	20	100.0	0.0	0.0	2.24	2.4	e
9	Cholestech LDX	105	99.0	1.0	0.0	2.00	5.0	e
10	Abx Mira	6	100.0	0.0	0.0	2.02	5.7	e*
11	Autolyser/DiaSys	18	100.0	0.0	0.0	1.87	4.5	e

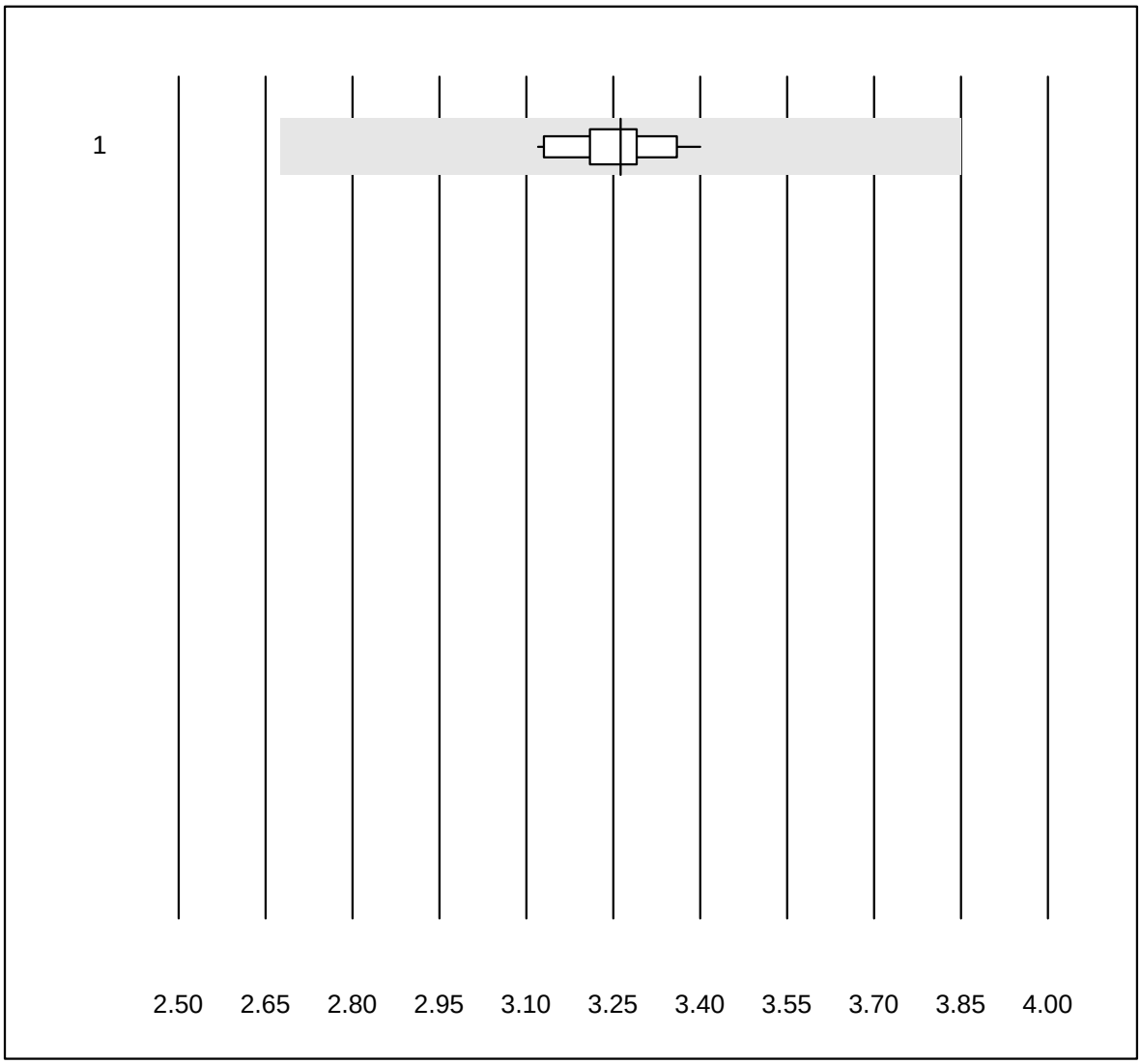
Litio



QUALAB Toleranz : 15 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	18	100.0	0.0	0.0	1.46	2.5	e

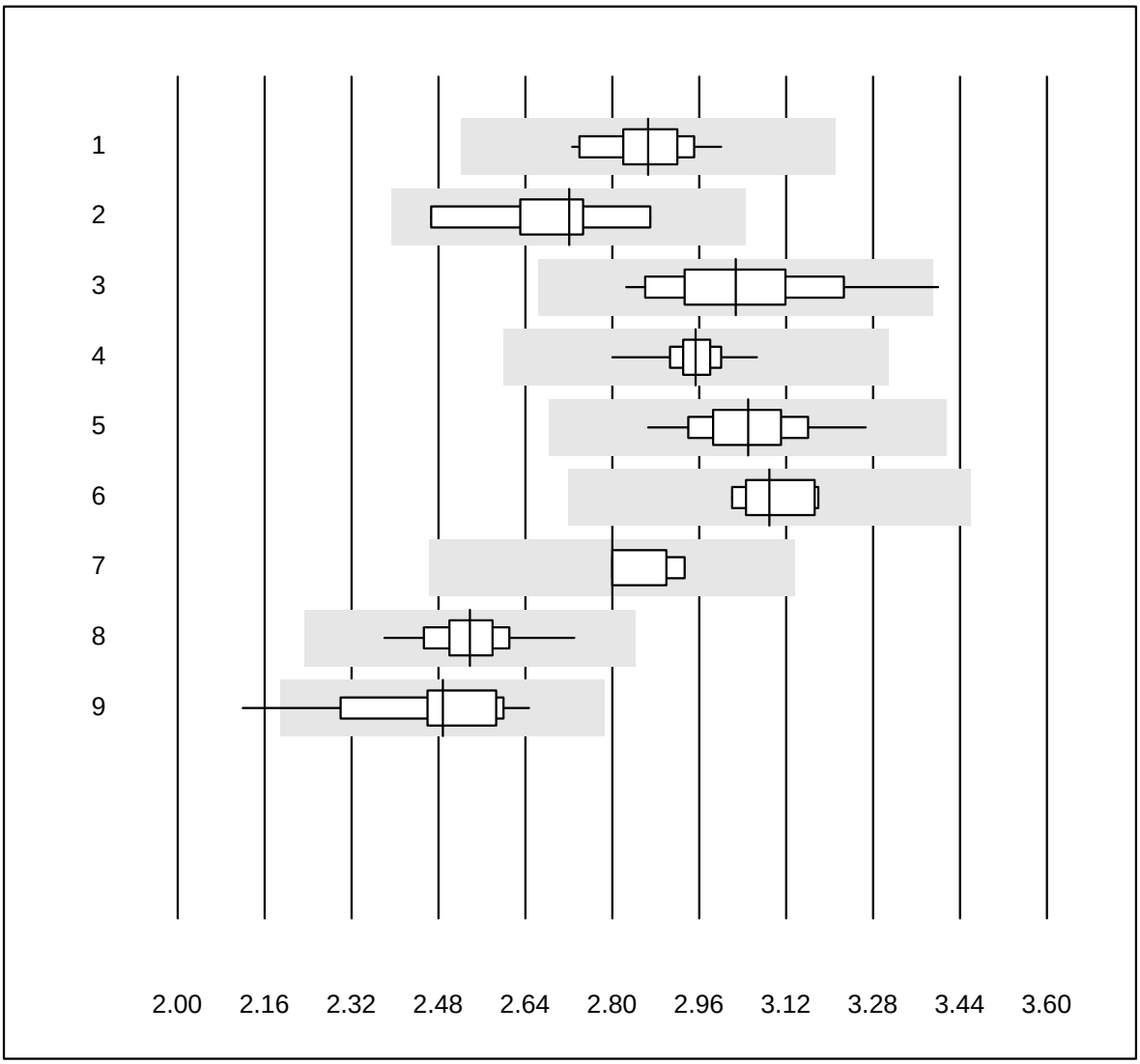
Laktat



QUALAB Toleranz : 18 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	13	100.0	0.0	0.0	3.26	2.6	e

pCO2

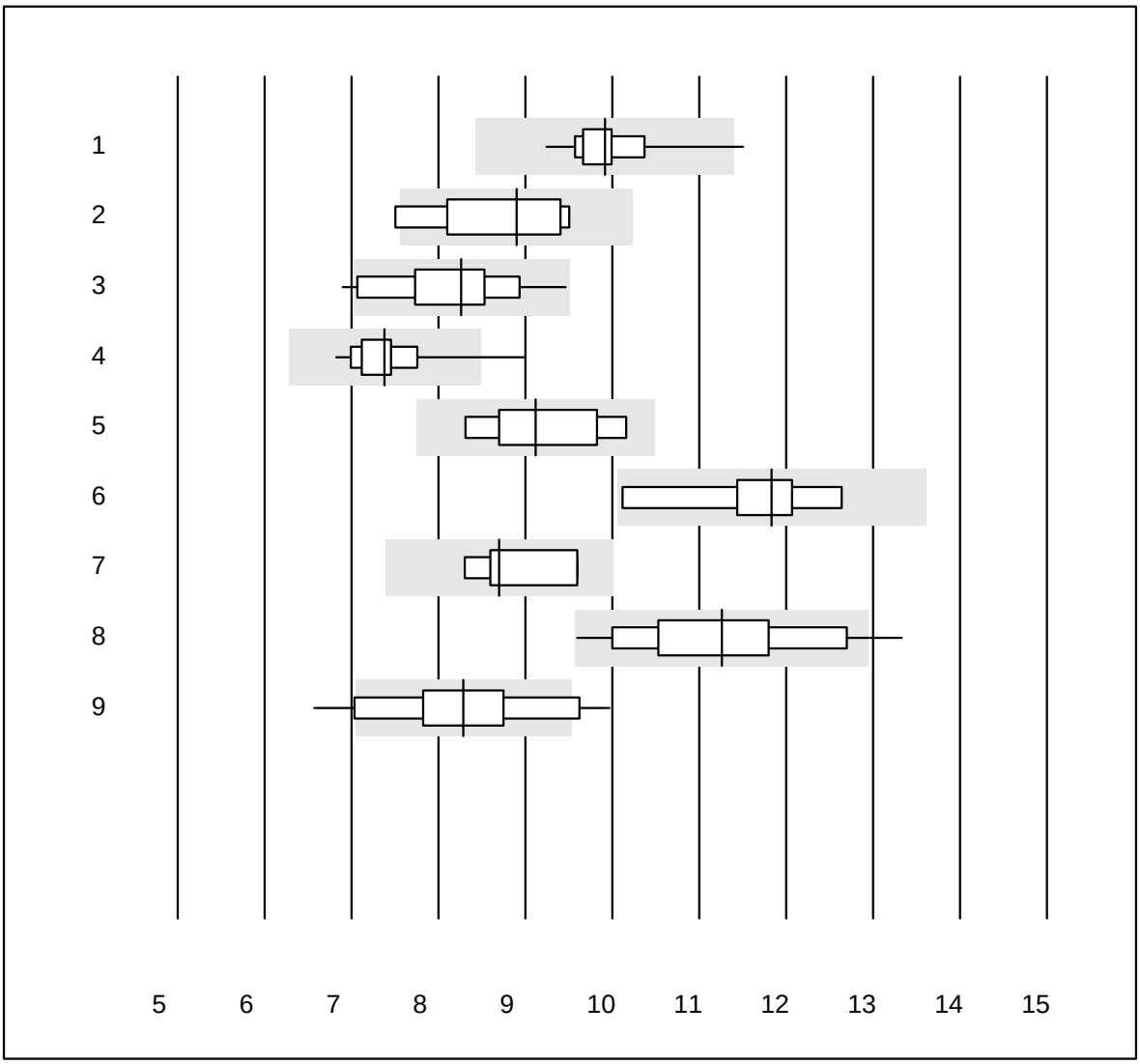


QUALAB Toleranz : 12 %

pCO2 (kPa)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	80	100.0	0.0	0.0	2.87	2.5	e
2	ABL80 FLEX	8	100.0	0.0	0.0	2.72	4.6	e*
3	ABL80 FLEX CO-OX / O	14	92.9	7.1	0.0	3.03	5.0	e
4	ABL90 FLEX / PLUS	62	100.0	0.0	0.0	2.95	1.5	e
5	Cobas b 123	12	100.0	0.0	0.0	3.05	3.5	e
6	Cobas b 221	6	100.0	0.0	0.0	3.09	2.2	e
7	GEM	5	100.0	0.0	0.0	2.80	2.3	e
8	iStat	50	100.0	0.0	0.0	2.54	2.6	e
9	EPOC	43	95.4	2.3	2.3	2.49	5.1	e

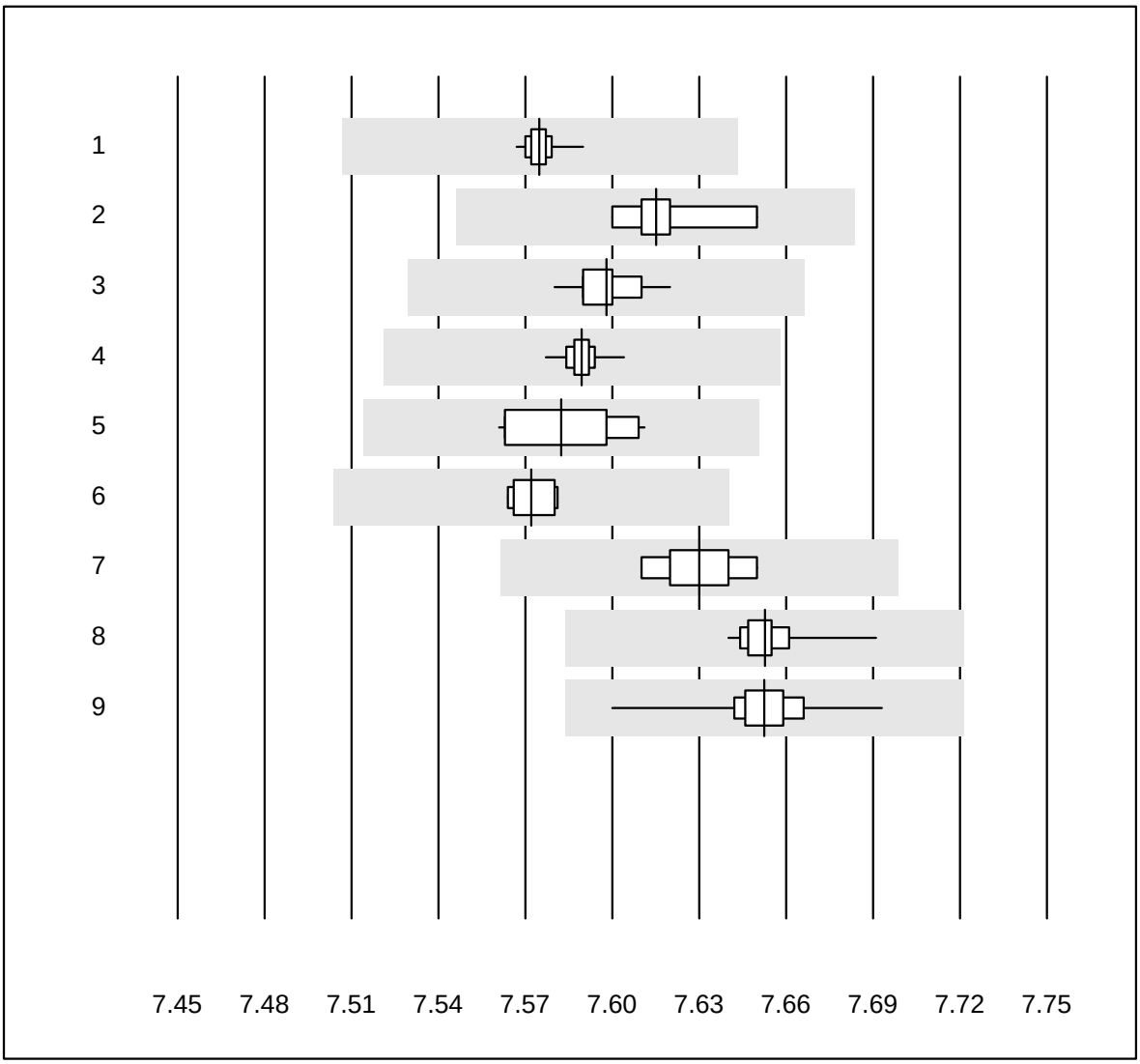
pO2



QUALAB Toleranz : 15 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	79	96.2	1.3	2.5	9.91	4.1	e
2	ABL80 FLEX	7	85.7	14.3	0.0	8.90	8.1	e*
3	ABL80 FLEX CO-OX / O	14	85.8	7.1	7.1	8.26	8.9	e*
4	ABL90 FLEX / PLUS	63	92.0	3.2	4.8	7.38	5.6	e
5	Cobas b 123	9	100.0	0.0	0.0	9.12	7.6	e*
6	Cobas b 221	6	83.3	0.0	16.7	11.83	8.1	e*
7	GEM	5	100.0	0.0	0.0	8.70	6.7	e*
8	iStat	49	93.9	4.1	2.0	11.26	8.4	e
9	EPOC	43	69.8	20.9	9.3	8.29	9.8	e

pH

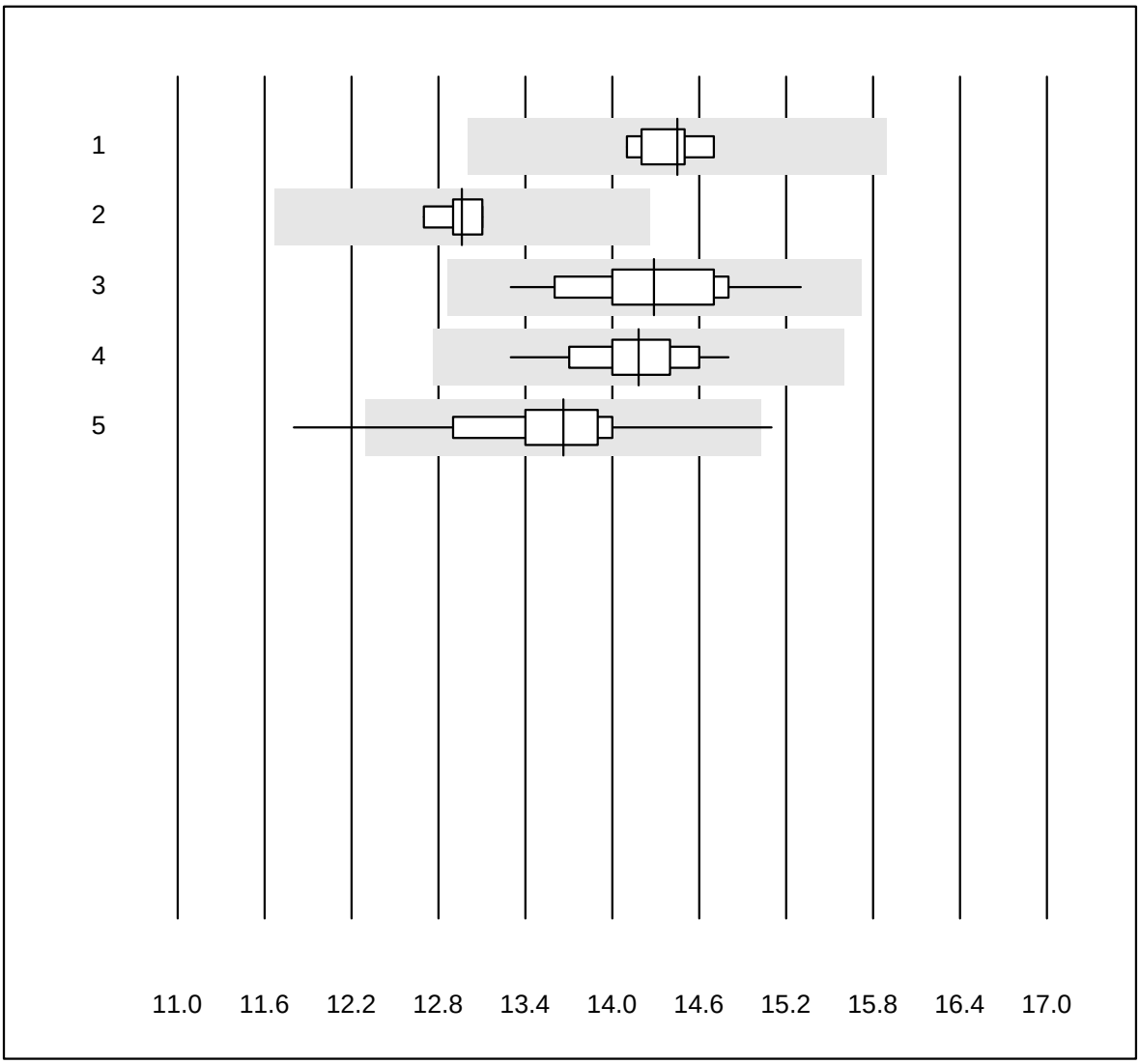


QUALAB Toleranz : 1 %

pH ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	79	100.0	0.0	0.0	7.57	0.1	e
2	ABL80 FLEX	8	100.0	0.0	0.0	7.62	0.2	e
3	ABL80 FLEX CO-OX / O	14	100.0	0.0	0.0	7.60	0.1	e
4	ABL90 FLEX / PLUS	63	100.0	0.0	0.0	7.59	0.1	e
5	Cobas b 123	12	100.0	0.0	0.0	7.58	0.3	e
6	Cobas b 221	6	100.0	0.0	0.0	7.57	0.1	e
7	GEM	5	100.0	0.0	0.0	7.63	0.2	e
8	iStat	51	100.0	0.0	0.0	7.65	0.1	e
9	EPOC	42	100.0	0.0	0.0	7.65	0.2	e

Glucosio GS

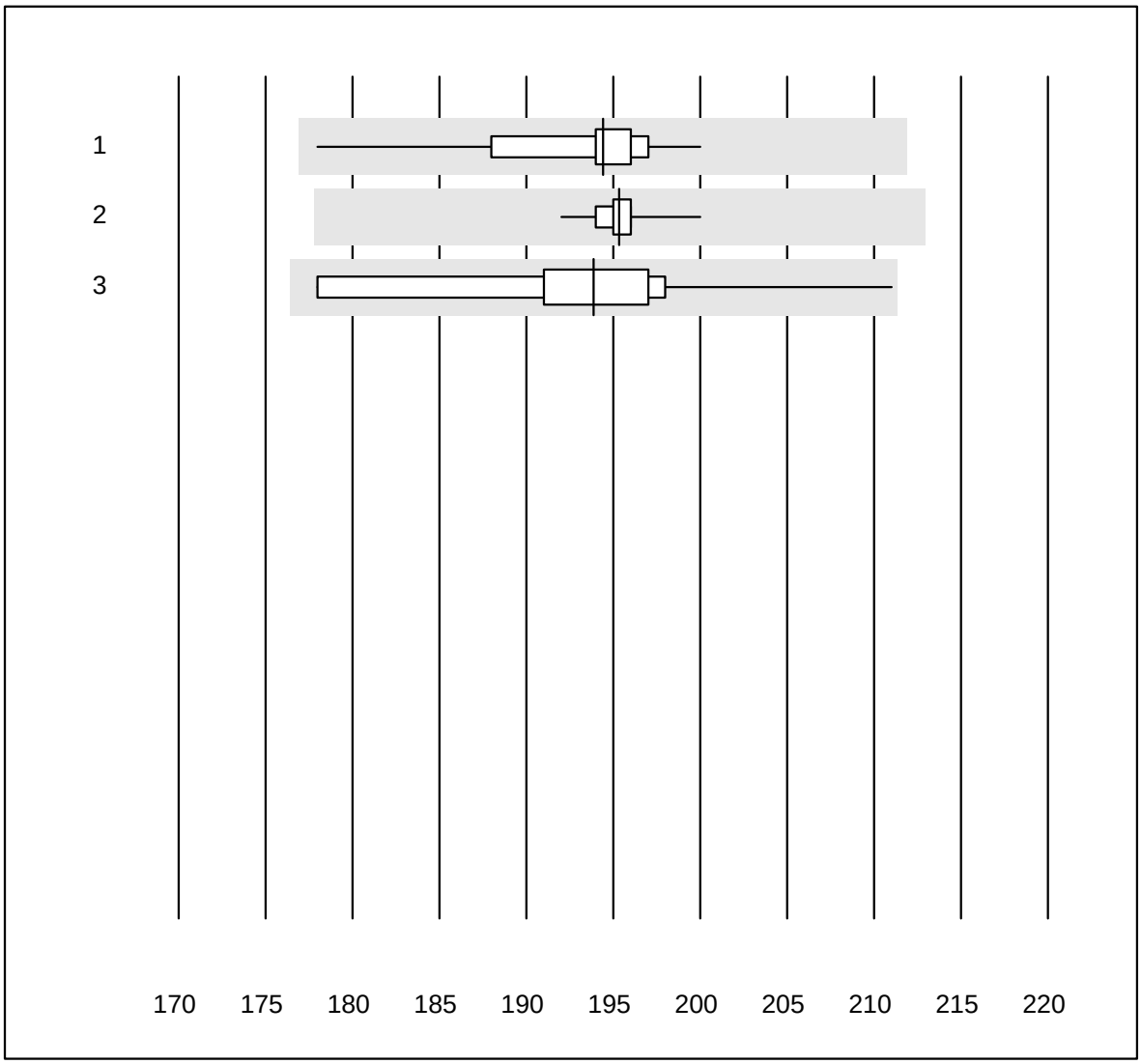


QUALAB Toleranz : 10 %

Glucosio GS (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b 123	6	100.0	0.0	0.0	14.5	1.5	e
2	iStat	10	100.0	0.0	0.0	13.0	1.0	e
3	EPOC	30	96.7	0.0	3.3	14.3	3.3	e
4	ABL700/800	69	98.6	0.0	1.4	14.2	2.3	e
5	ABL90 FLEX / PLUS	61	96.7	3.3	0.0	13.7	3.7	e

Emoglobina BG

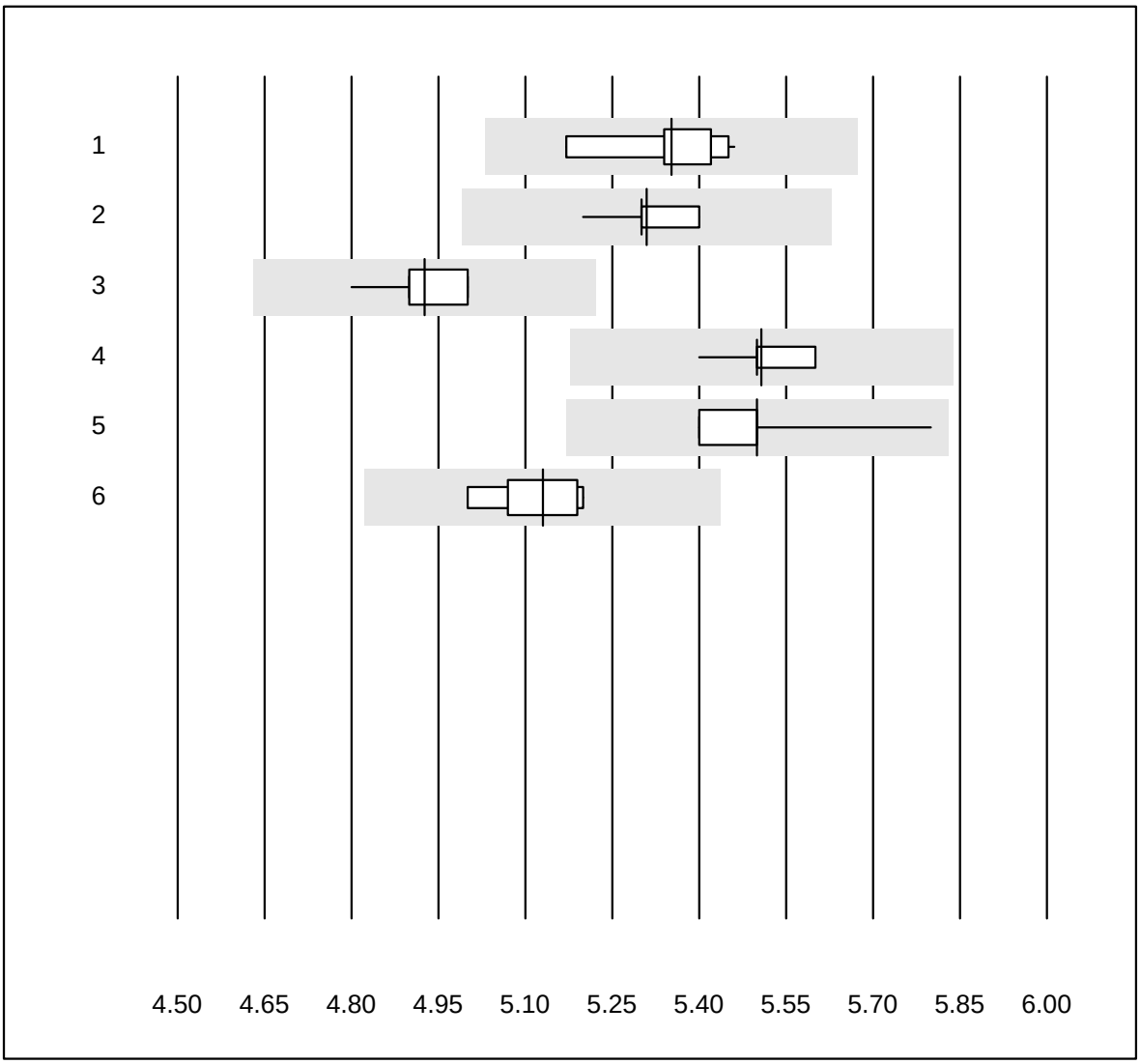


QUALAB Toleranz : 9 %

Emoglobina BG (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	71	97.2	0.0	2.8	194.4	1.9	e
2	ABL90 FLEX / PLUS	61	96.7	0.0	3.3	195.4	0.6	e
3	ABL80 FLEX CO-OX / O	11	90.9	0.0	9.1	193.9	4.4	e*

Potassio BG

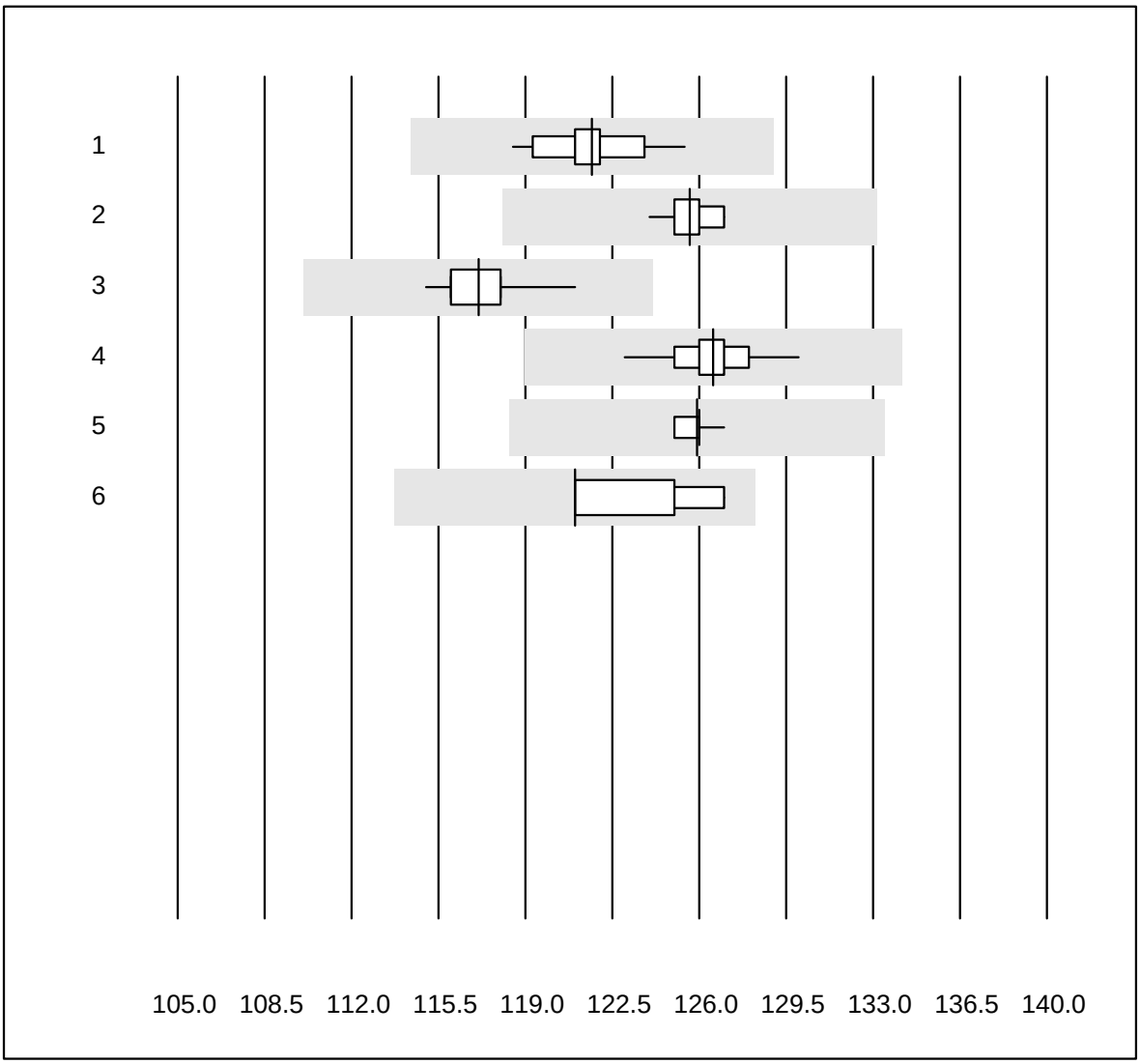


QUALAB Toleranz : 6 %

Potassio BG (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b 123	17	100.0	0.0	0.0	5.4	1.8	e
2	iStat	21	100.0	0.0	0.0	5.3	0.8	e
3	EPOC	36	97.2	0.0	2.8	4.9	1.0	e
4	ABL700/800	71	100.0	0.0	0.0	5.5	0.9	e
5	ABL90 FLEX / PLUS	63	100.0	0.0	0.0	5.5	1.3	e
6	ABL80 FLEX CO-OX / O	6	100.0	0.0	0.0	5.1	1.6	e

Sodio BG

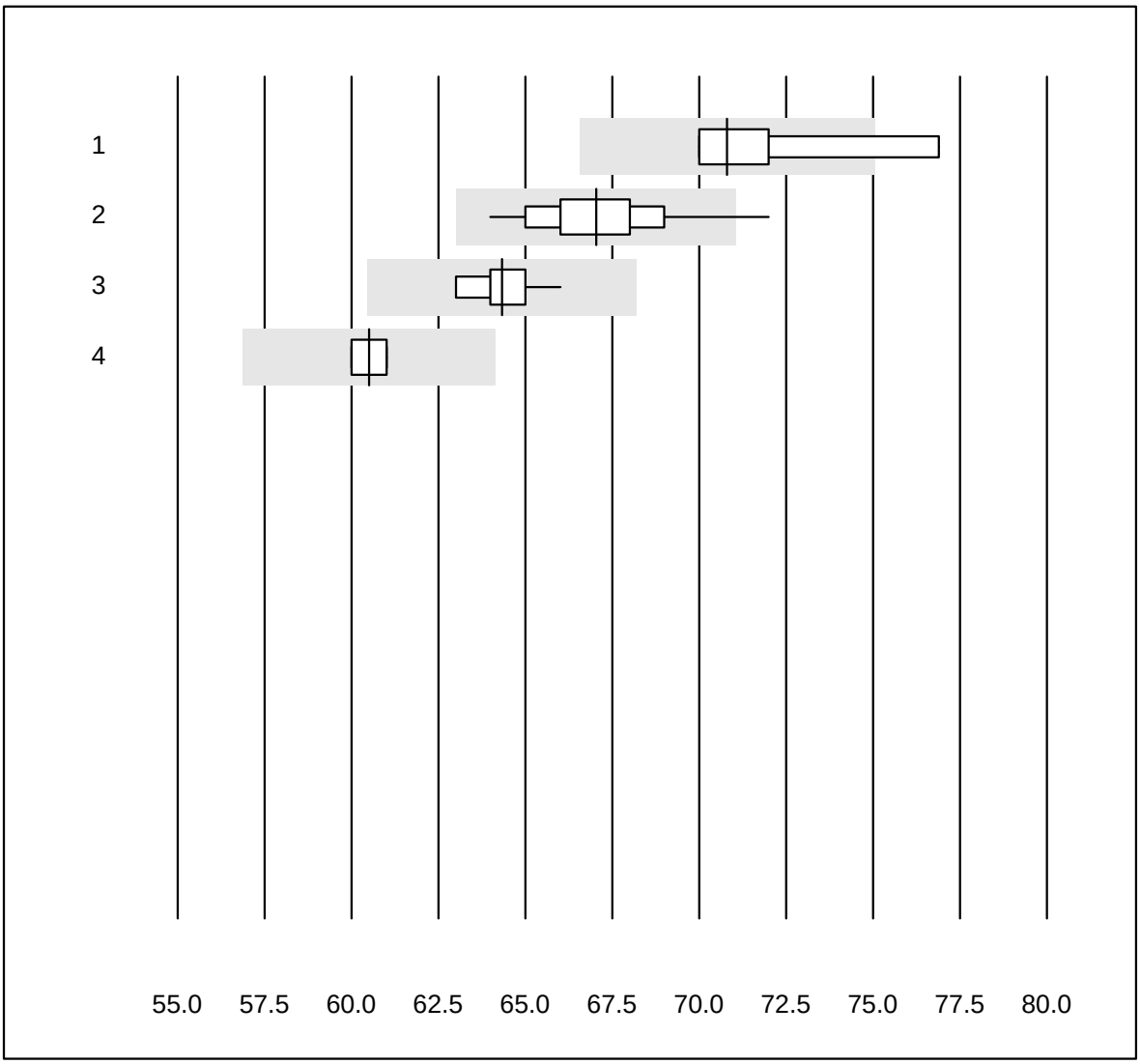


QUALAB Toleranz : 6 %

Sodio BG (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b 123	17	100.0	0.0	0.0	121.7	1.4	e
2	iStat	21	100.0	0.0	0.0	125.6	0.7	e
3	EPOC	34	100.0	0.0	0.0	117.1	1.0	e
4	ABL700/800	69	100.0	0.0	0.0	126.6	0.9	e
5	ABL90 FLEX / PLUS	62	100.0	0.0	0.0	125.9	0.4	e
6	ABL80 FLEX CO-OX / O	6	100.0	0.0	0.0	121.0	2.2	e*

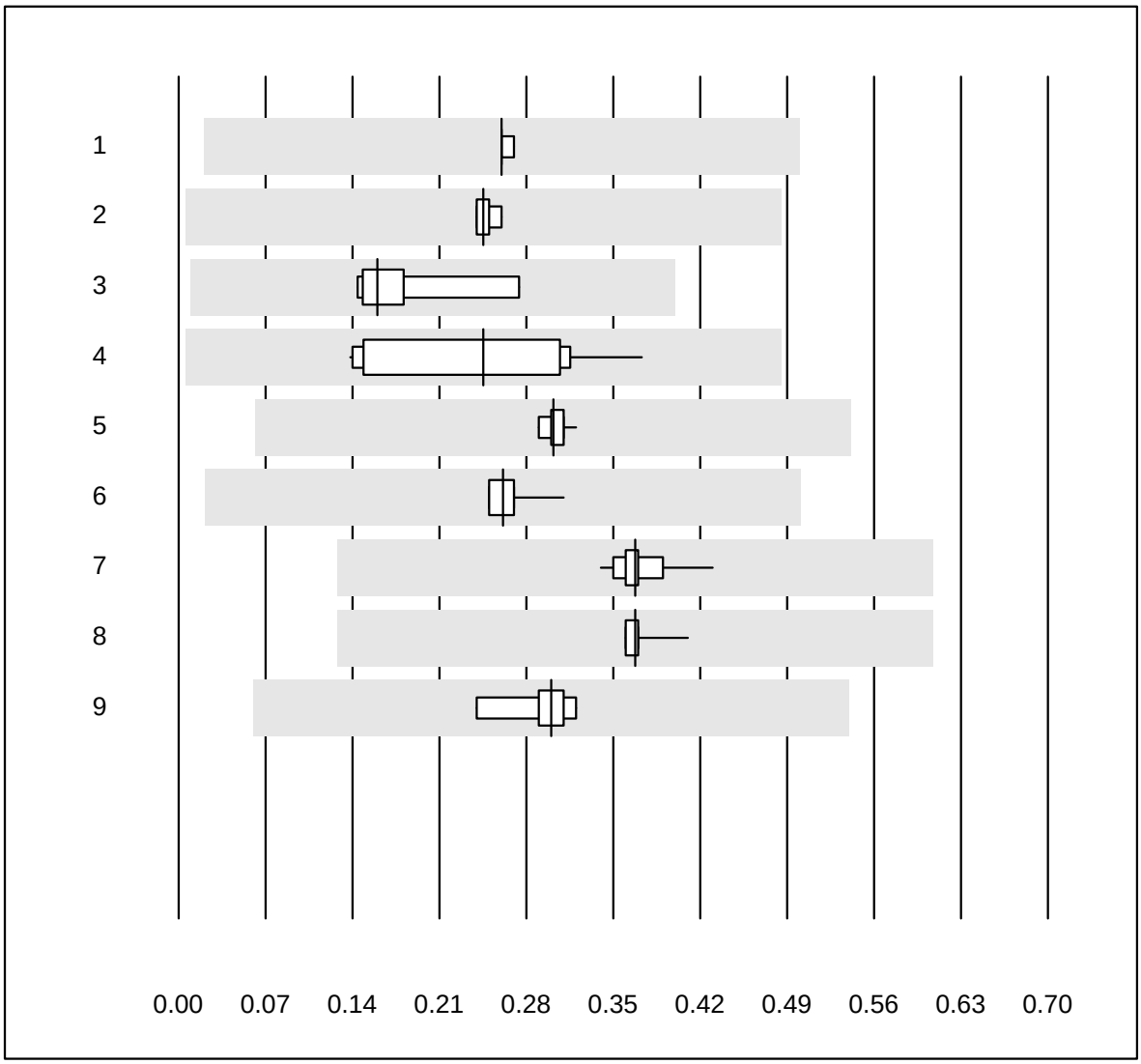
Cloruro-BG



QUALAB Toleranz : 6 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b 123	5	80.0	20.0	0.0	70.8	4.0	e*
2	ABL700/800	63	98.4	1.6	0.0	67.0	2.3	e
3	ABL90 FLEX / PLUS	61	100.0	0.0	0.0	64.3	1.2	e
4	ABL80 FLEX CO-OX / O	4	75.0	0.0	25.0	60.5	1.0	e

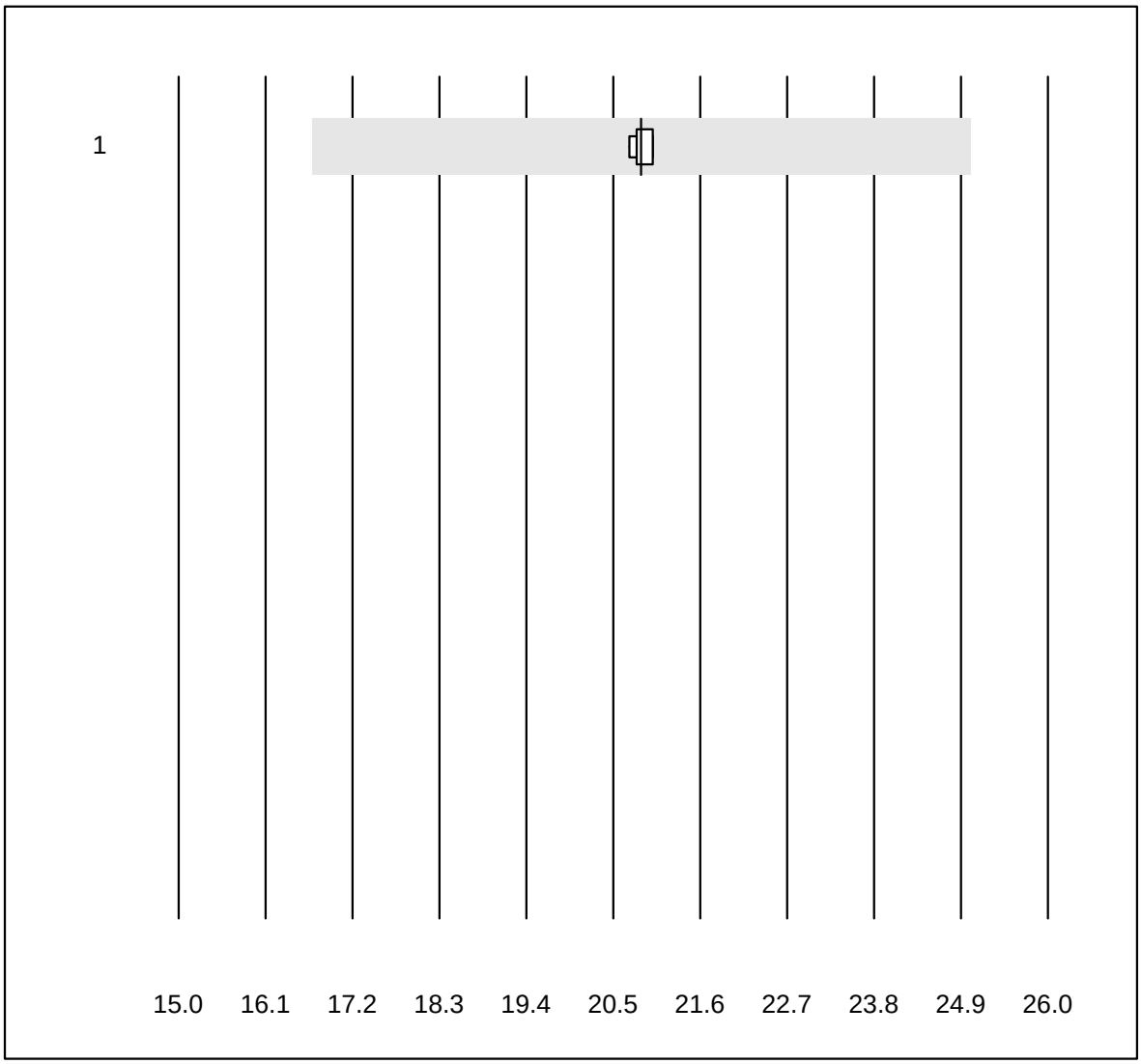
Calcio-BG



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

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	GEM	4	100.0	0.0	0.0	0.26	1.9	e
2	ABL80 FLEX	4	100.0	0.0	0.0	0.25	3.9	e*
3	Cobas b123	5	100.0	0.0	0.0	0.16	29.6	e*
4	Cobas	11	100.0	0.0	0.0	0.25	34.4	e*
5	iStat	11	100.0	0.0	0.0	0.30	2.9	e
6	EPOC	32	93.7	0.0	6.3	0.26	5.9	e
7	ABL700/800	70	100.0	0.0	0.0	0.37	4.5	e
8	ABL90 FLEX / PLUS	63	100.0	0.0	0.0	0.37	2.2	e
9	ABL80 FLEX CO-OX / O	5	100.0	0.0	0.0	0.30	10.7	e*

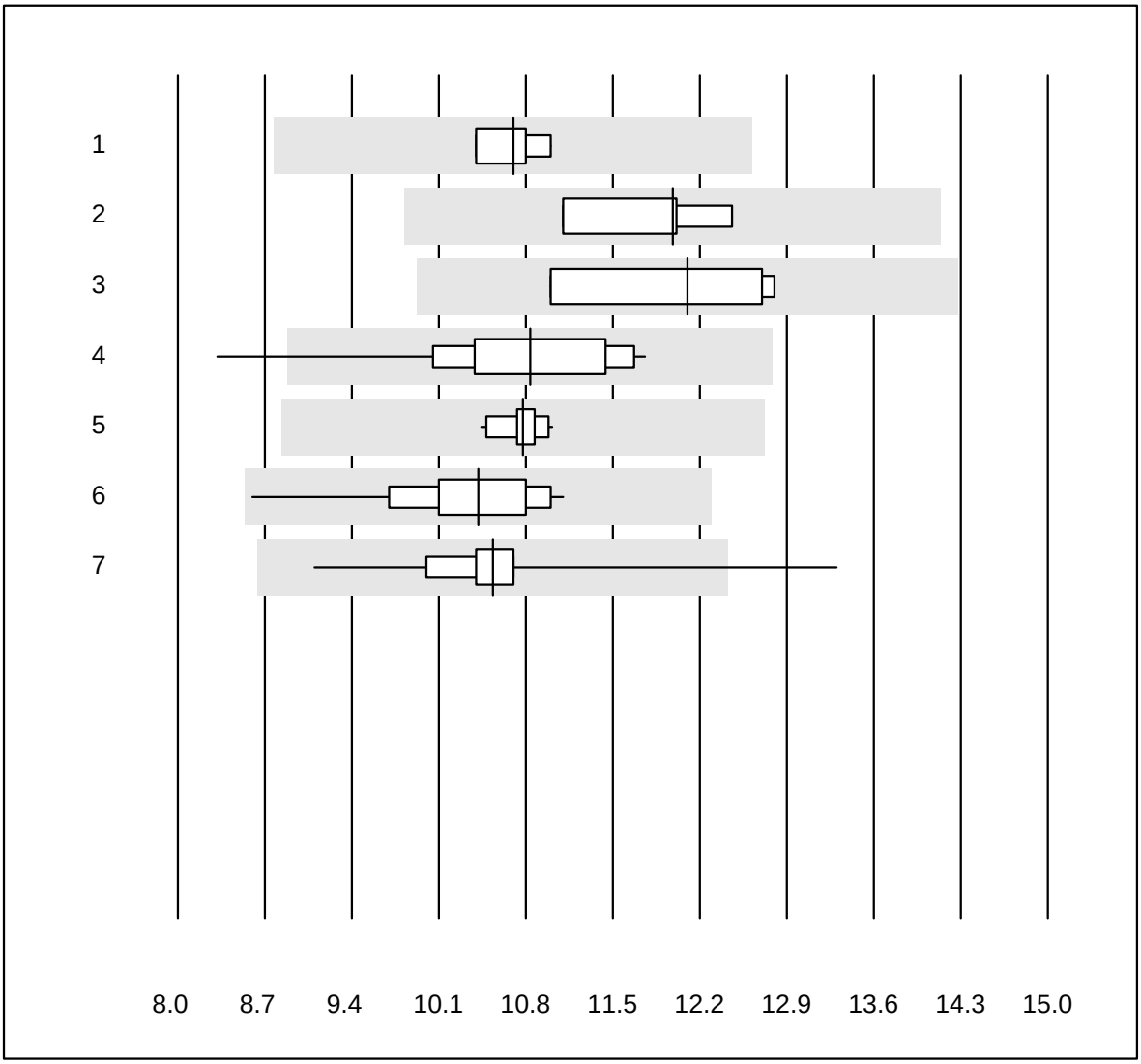
FHHb



Tolleranza MQ : 20 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL80 FLEX CO-OX / O	6	100.0	0.0	0.0	20.850	0.6	e

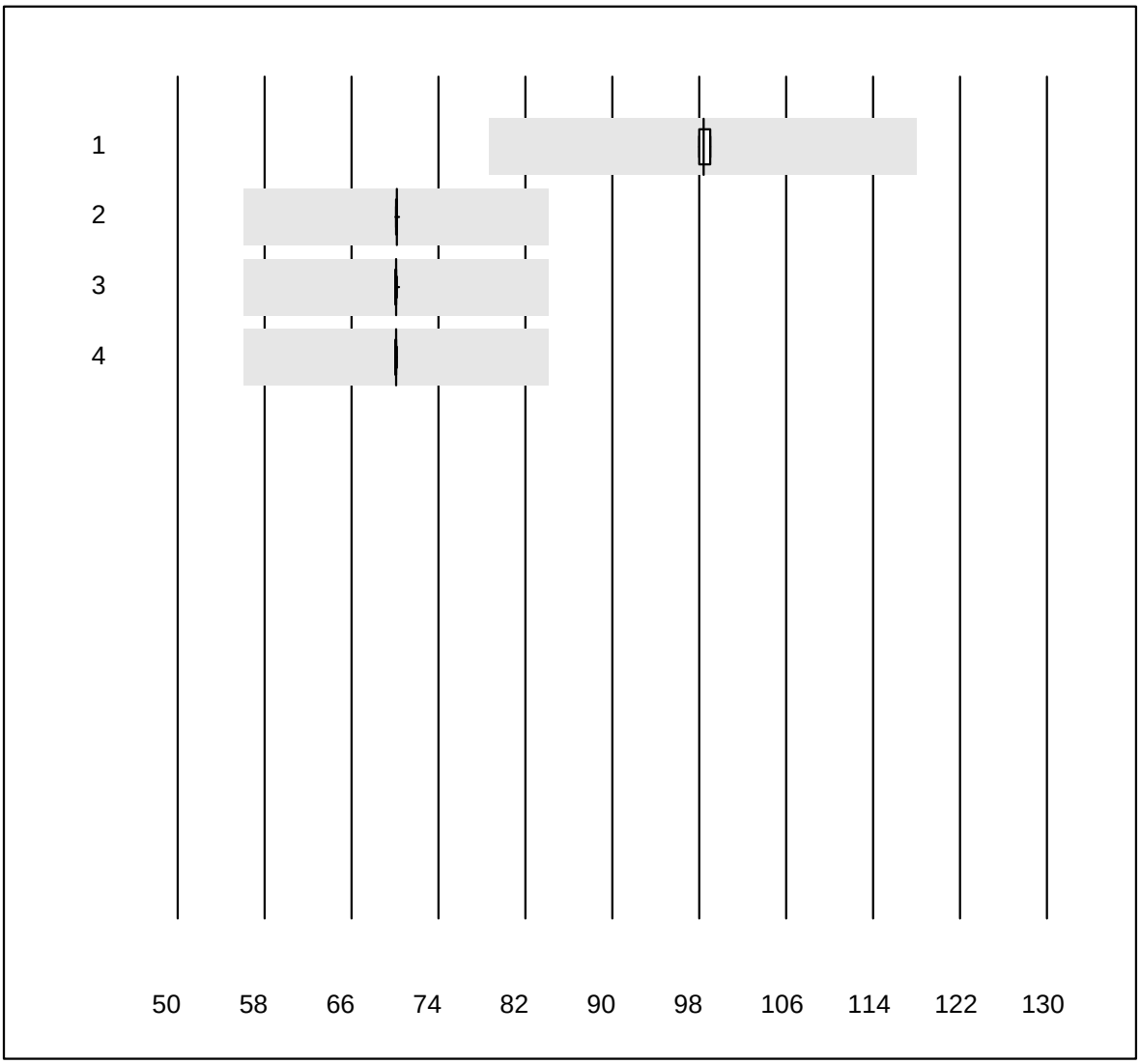
Lattato-BG



QUALAB Toleranz : 18 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b123	4	100.0	0.0	0.0	10.70	2.4	e
2	Cobas	4	100.0	0.0	0.0	11.98	4.8	e*
3	IL	4	100.0	0.0	0.0	12.10	7.4	e*
4	EPOC	37	94.6	2.7	2.7	10.83	7.1	e
5	iStat	13	100.0	0.0	0.0	10.78	1.6	e
6	ABL700/800	75	100.0	0.0	0.0	10.42	4.6	e
7	ABL90 FLEX / PLUS	63	96.8	3.2	0.0	10.53	5.9	e

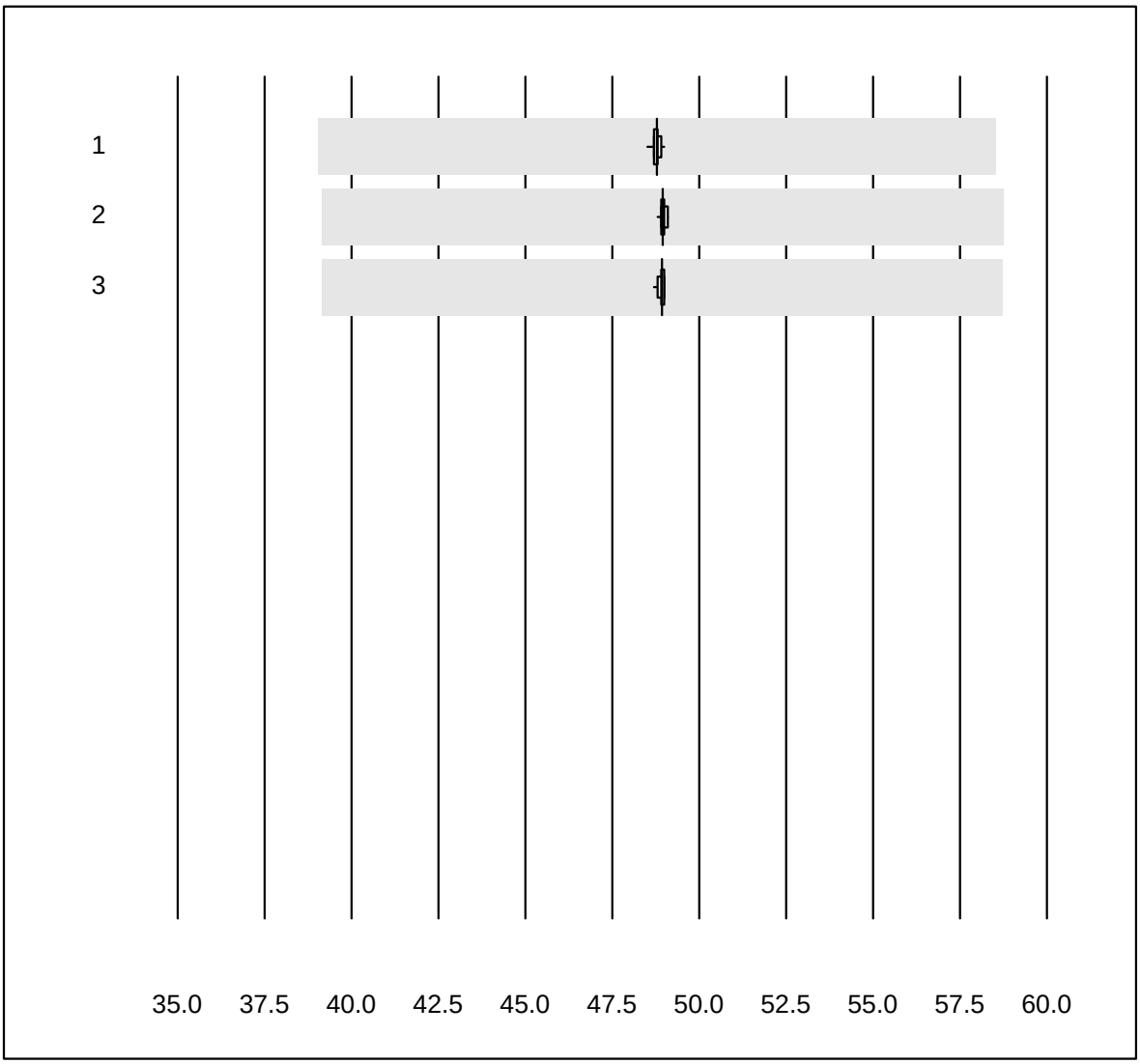
sO2 OR



Tolleranza MQ : 20 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat	13	100.0	0.0	0.0	98.385	0.5	e
2	ABL700/800	53	100.0	0.0	0.0	70.151	0.1	e
3	ABL90 FLEX / PLUS	53	100.0	0.0	0.0	70.085	0.1	e
4	ABL80 FLEX CO-OX / O	10	100.0	0.0	0.0	70.090	0.1	e

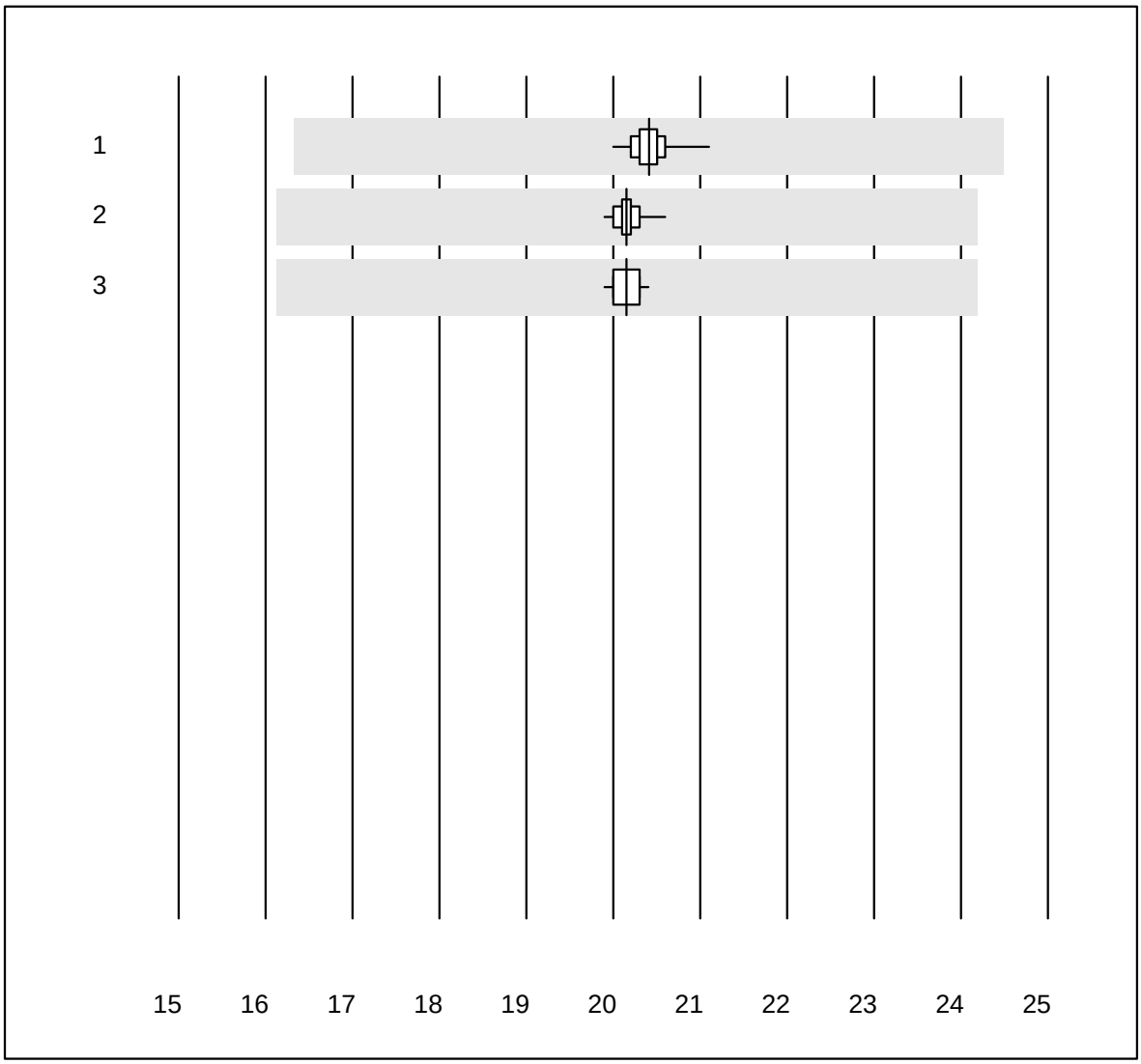
FO2Hb OR



Tolleranza MQ : 20 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	51	100.0	0.0	0.0	48.782	0.2	e
2	ABL90 FLEX / PLUS	54	100.0	0.0	0.0	48.959	0.1	e
3	ABL80 FLEX CO-OX / O	13	100.0	0.0	0.0	48.931	0.2	e

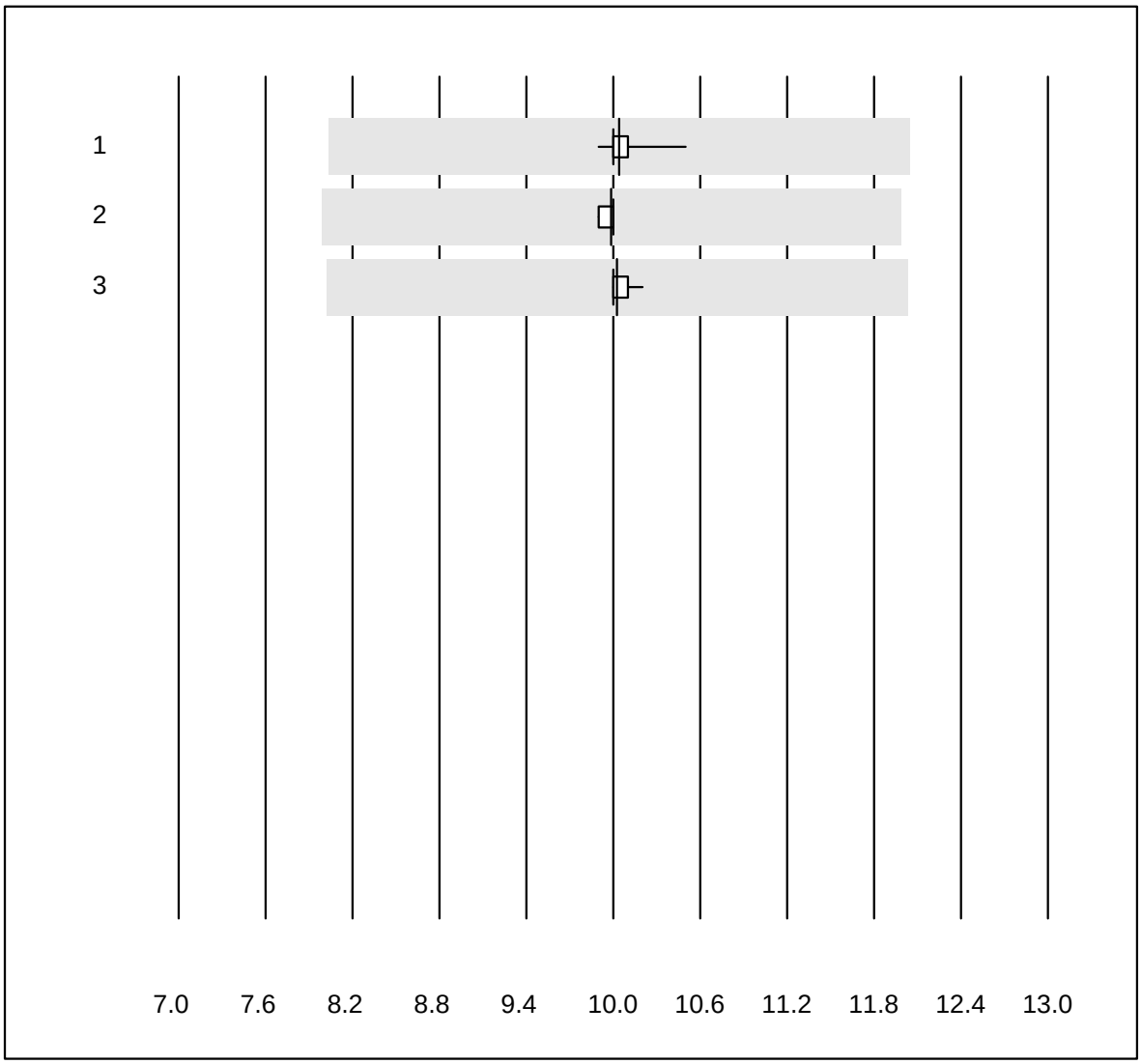
FCOHb OR



Tolleranza MQ : 20 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	54	100.0	0.0	0.0	20.413	0.9	e
2	ABL90 FLEX / PLUS	53	100.0	0.0	0.0	20.153	0.7	e
3	ABL80 FLEX CO-OX / O	13	100.0	0.0	0.0	20.154	0.8	e

FMetHb OR

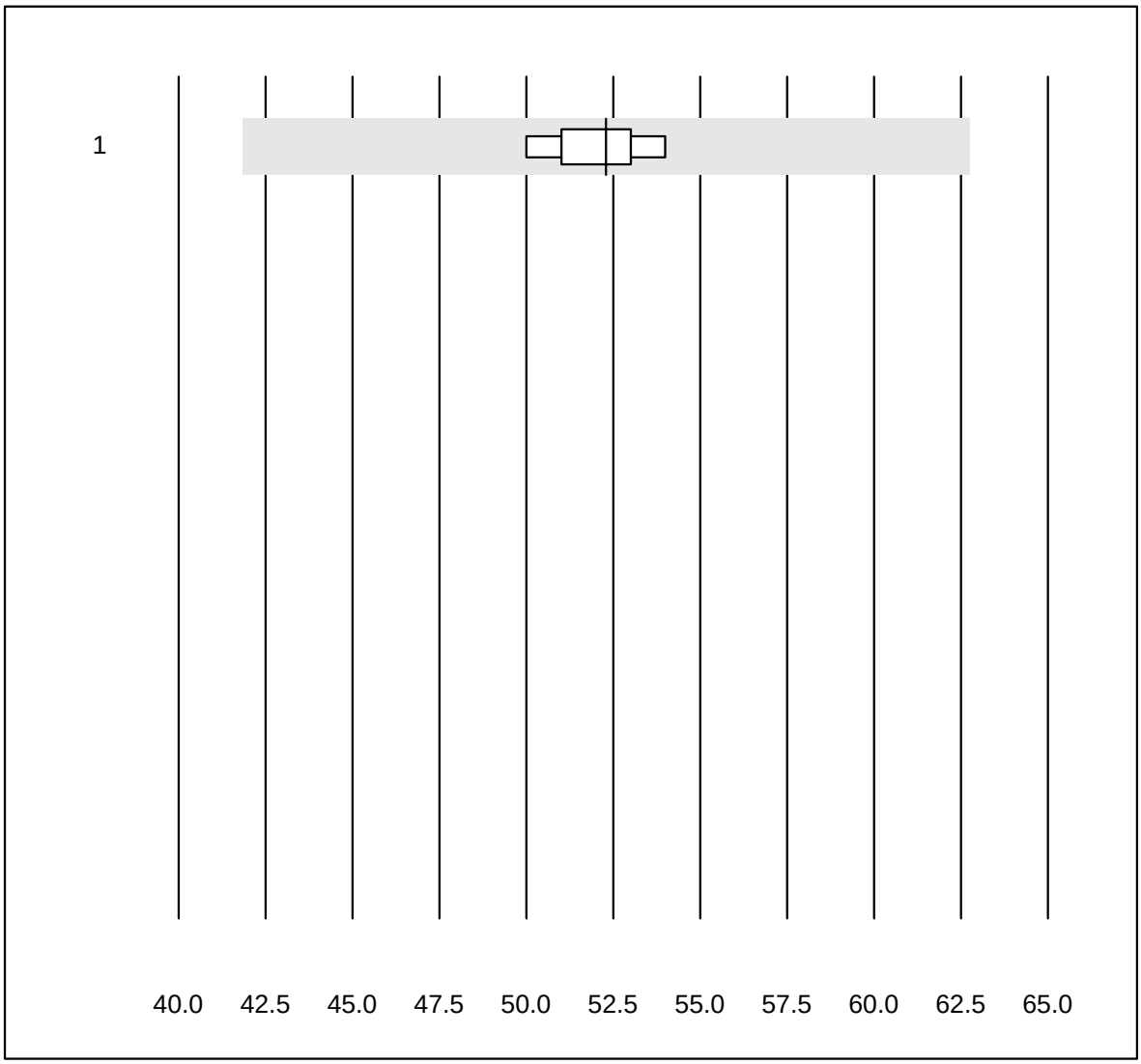


Tolleranza MQ : 20 %

FMetHb OR (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	56	100.0	0.0	0.0	10.039	1.1	e
2	ABL90 FLEX / PLUS	53	100.0	0.0	0.0	9.987	0.3	e
3	ABL80 FLEX CO-OX / O	13	92.3	0.0	7.7	10.025	0.6	e

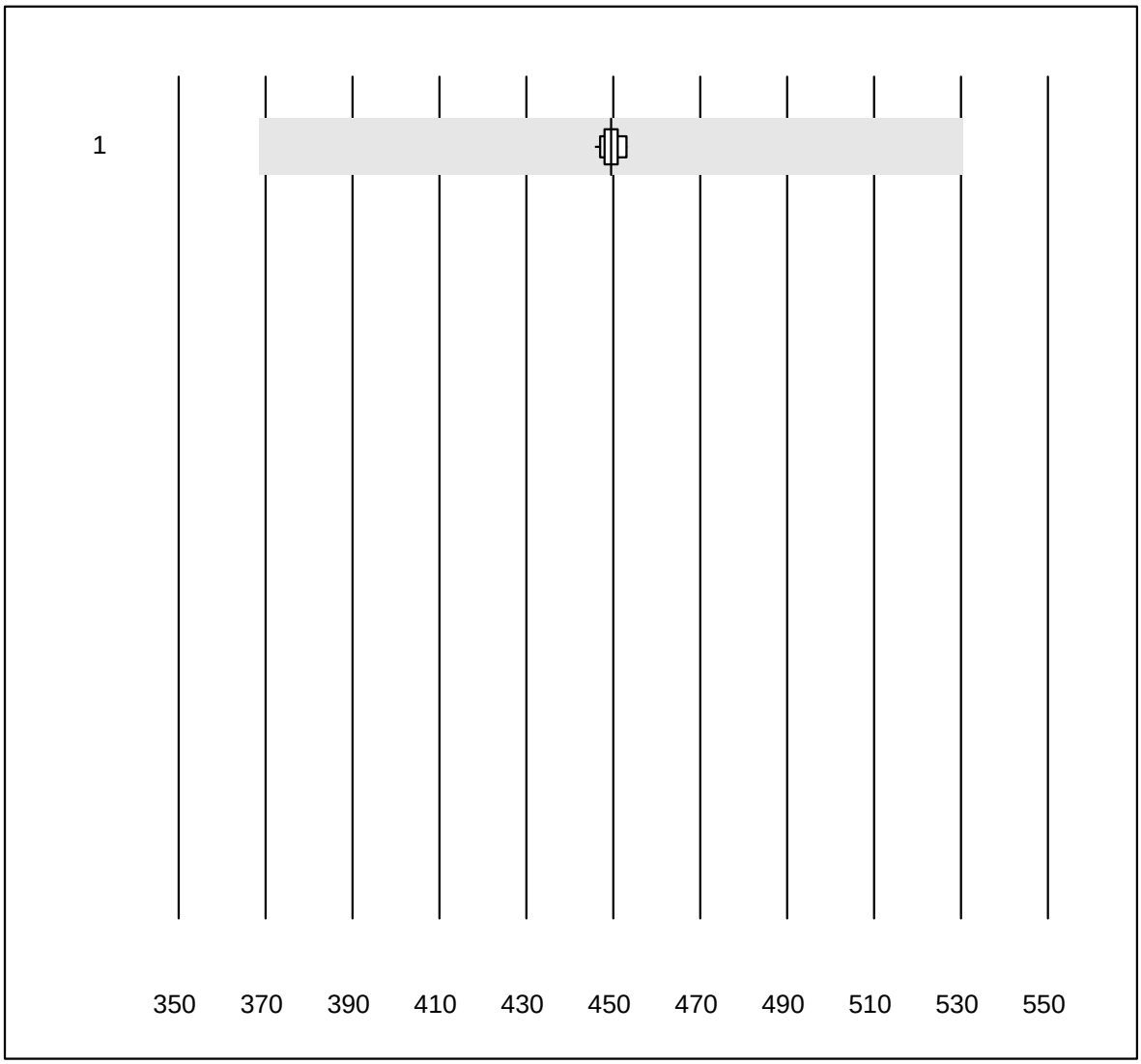
FHbF OR



Tolleranza MQ : 20 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL90 FLEX / PLUS	10	100.0	0.0	0.0	52.300	2.6	e

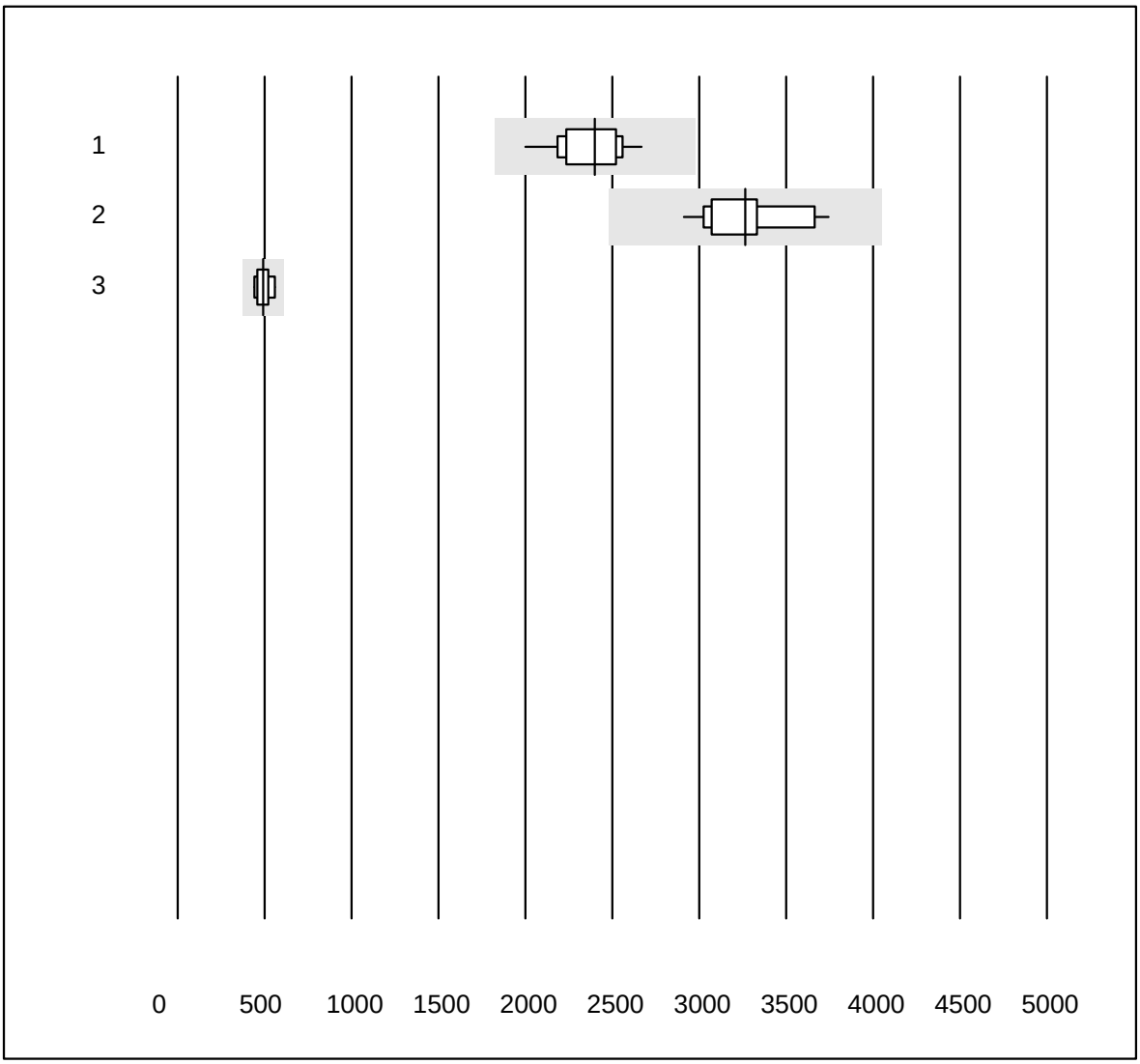
Bilirubin OR



QUALAB Toleranz : 18 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL90 FLEX / PLUS	17	100.0	0.0	0.0	449.5	0.5	e

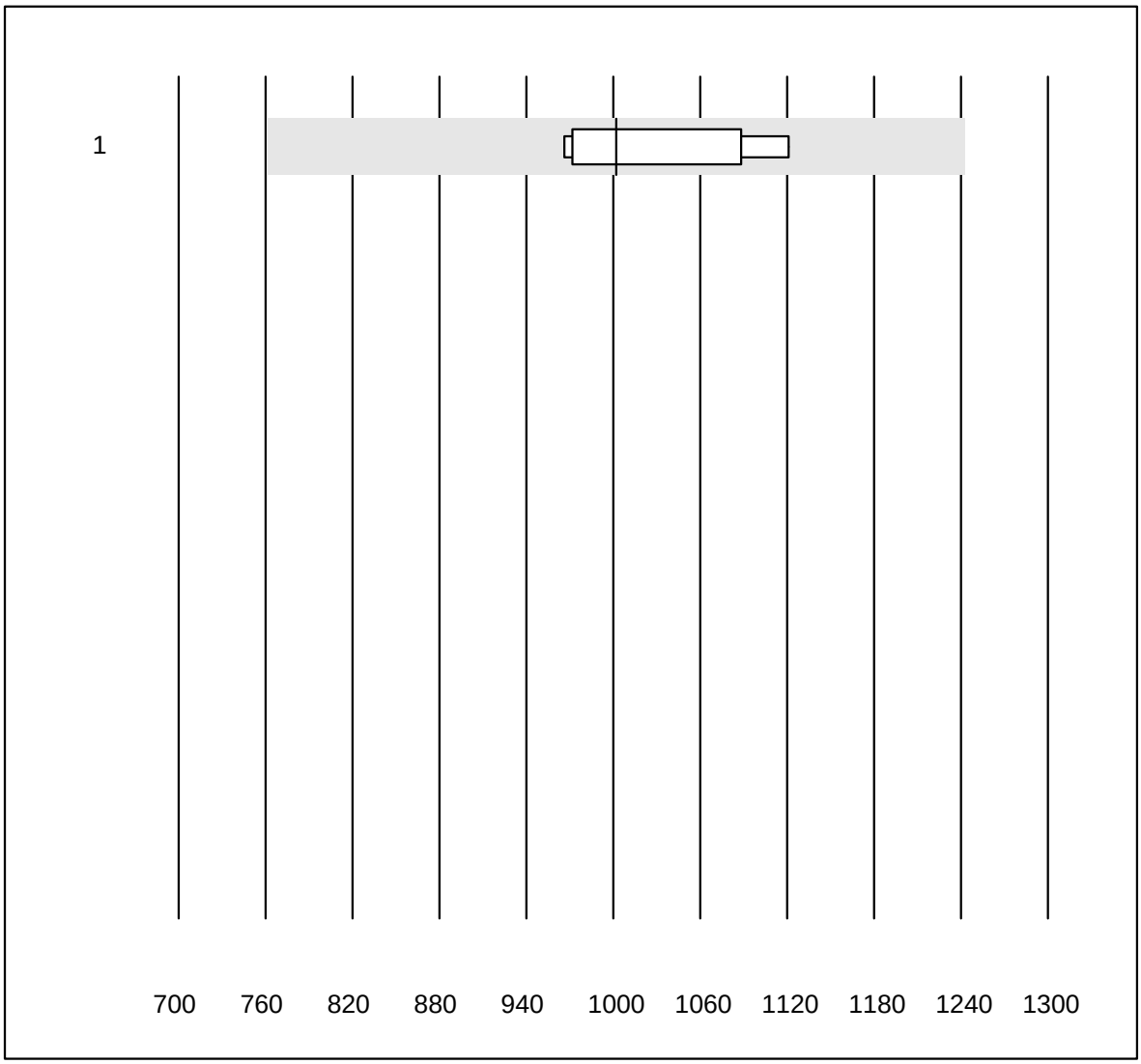
Troponina I



QUALAB Toleranz : 24 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Vidas	15	100.0	0.0	0.0	2397.8	7.8	e
2	Architect High Sensi	11	100.0	0.0	0.0	3262.8	7.8	e
3	AQT 90 FLEX	5	100.0	0.0	0.0	490.0	9.7	e*

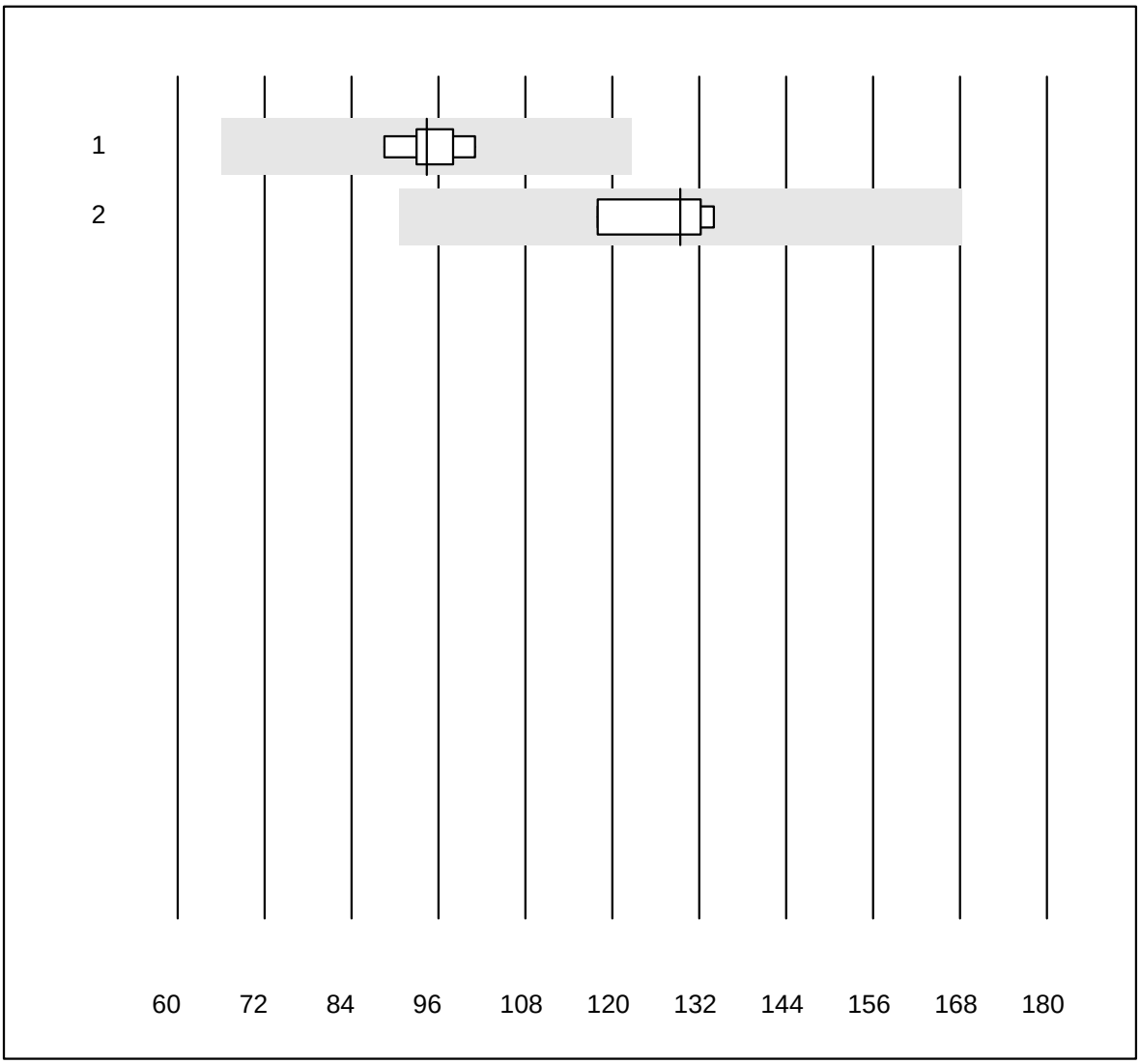
Troponina T



QUALAB Toleranz : 24 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas hs STAT	9	100.0	0.0	0.0	1002.00	6.2	e

Mioglobina

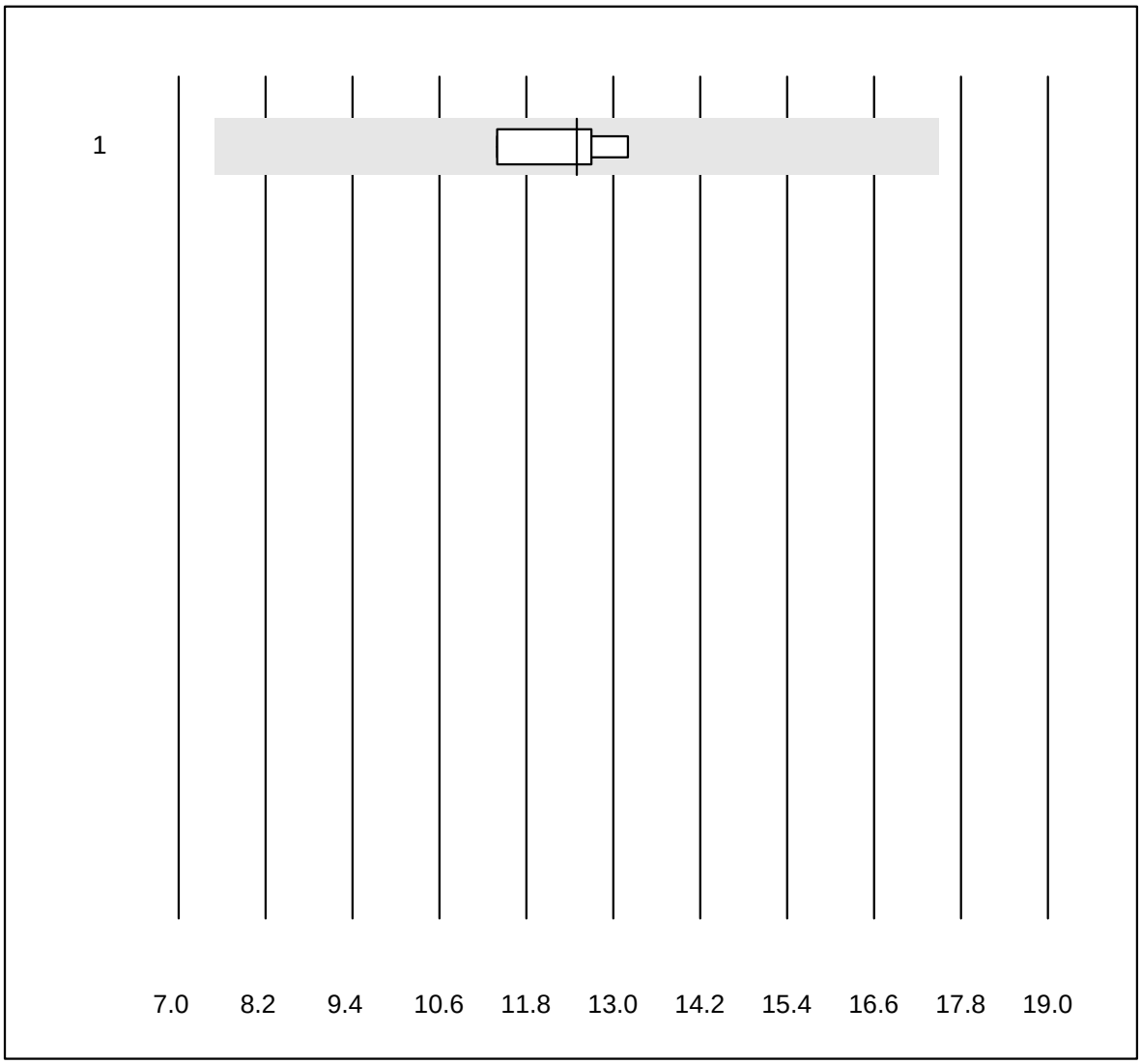


QUALAB Toleranz : 30 %

Mioglobina (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	94.4	4.5	e
2	Architect	4	100.0	0.0	0.0	129.4	5.6	e

CK-MB massa

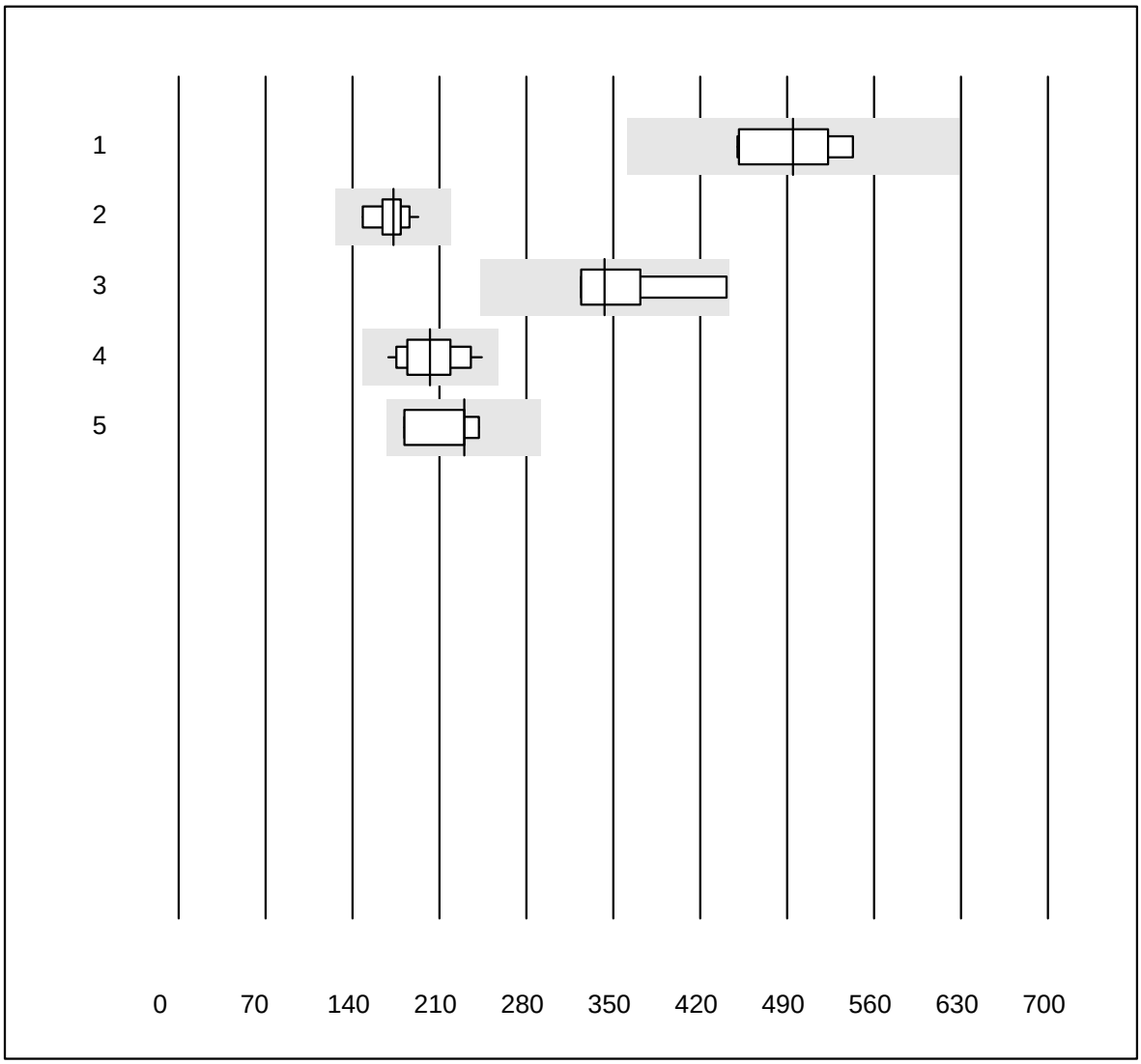


Tolleranza MQ : 40 %

CK-MB massa (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	4	100.0	0.0	0.0	12.5	6.1	e

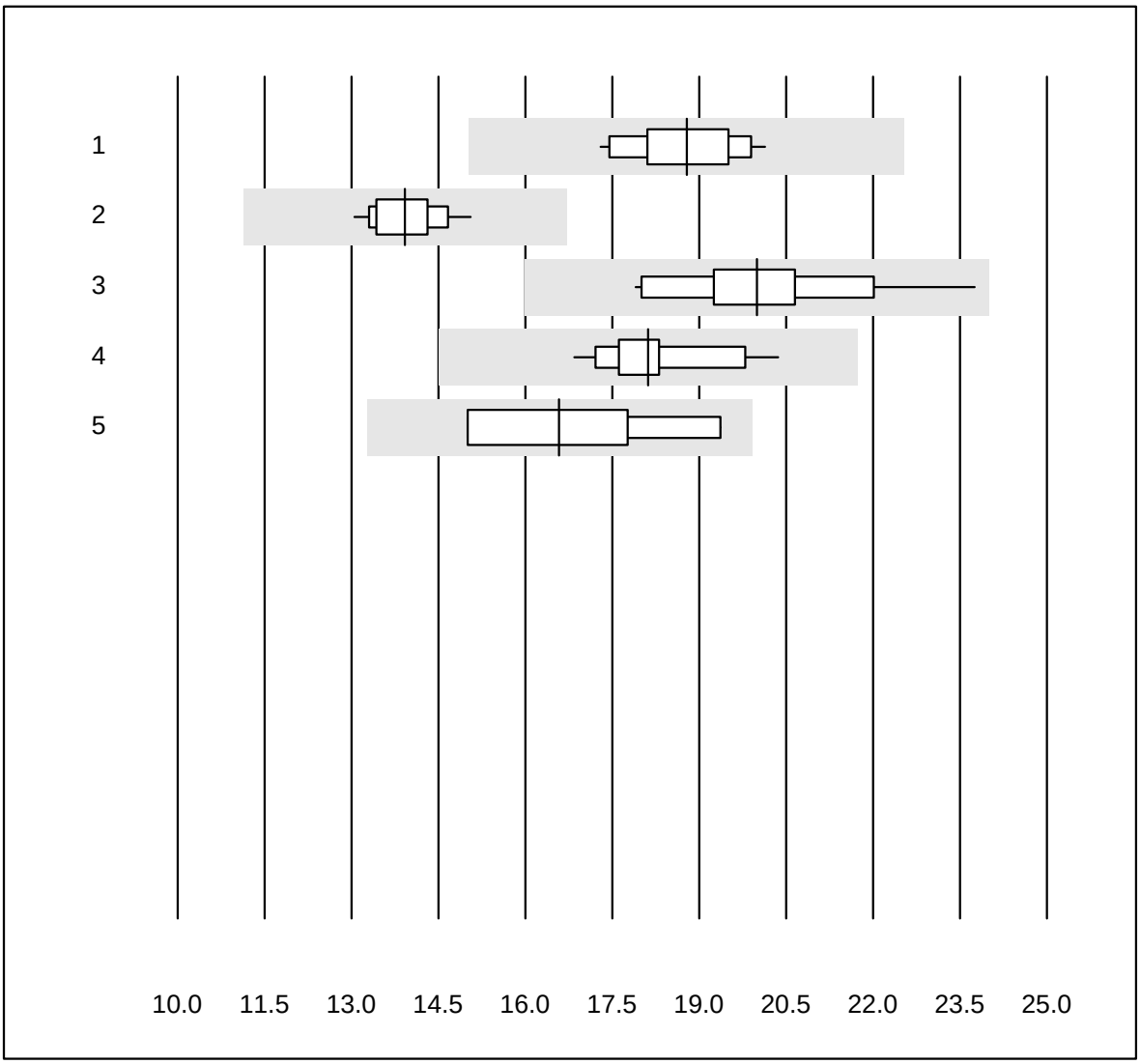
NT-proBNP



QUALAB Toleranz : 27 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AQT 90 FLEX	6	100.0	0.0	0.0	494.5	7.6	e
2	VIDAS	10	100.0	0.0	0.0	172.9	7.5	e
3	altro	4	100.0	0.0	0.0	343.0	13.9	a
4	Cobas E / Elecsys	13	100.0	0.0	0.0	202.4	12.2	e*
5	Architect	5	80.0	0.0	20.0	229.8	11.9	e*

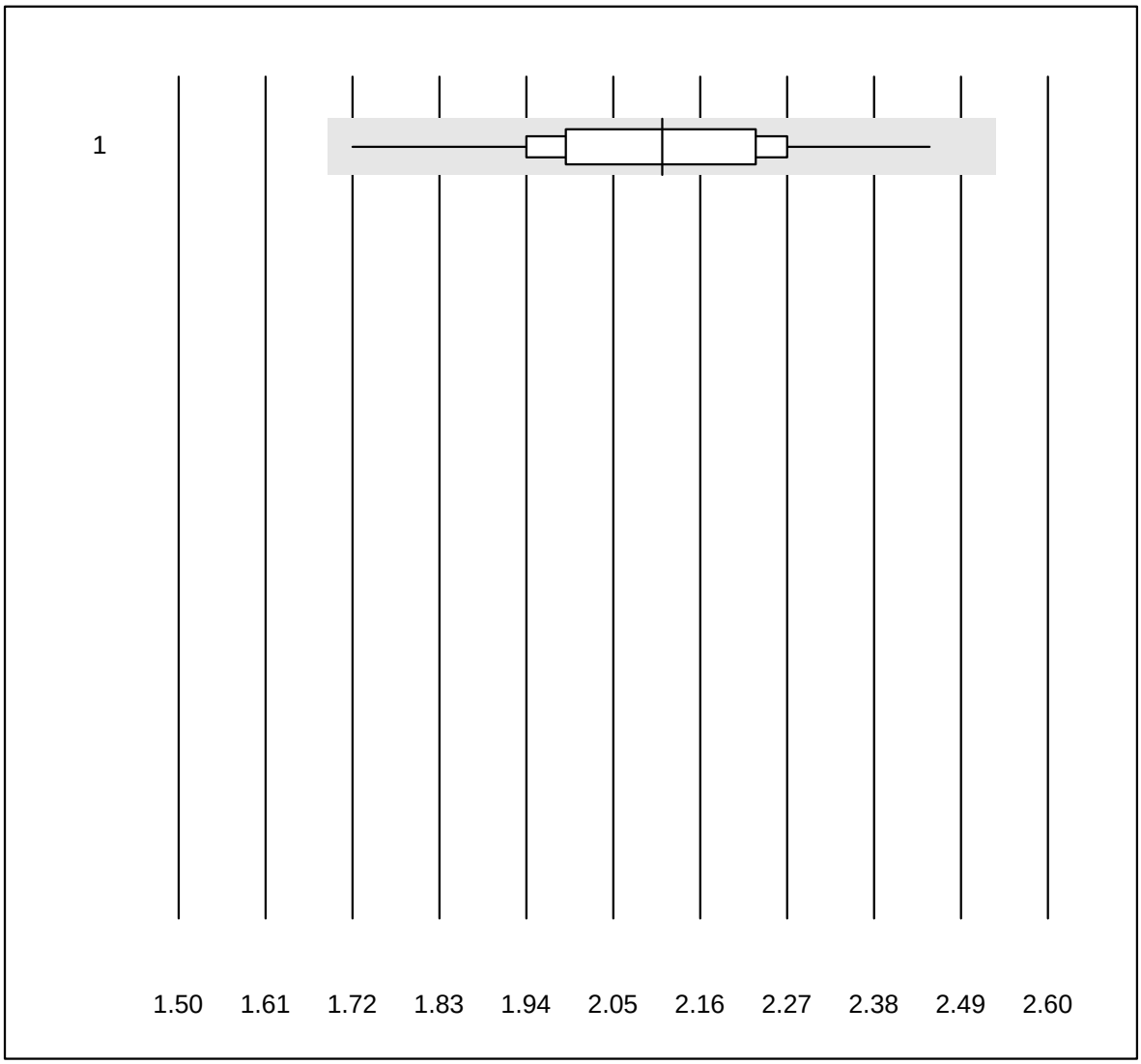
TSH



QUALAB Toleranz : 20 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	14	100.0	0.0	0.0	18.79	4.8	e
2	Architect	13	100.0	0.0	0.0	13.92	4.5	e
3	VIDAS	15	100.0	0.0	0.0	20.00	7.5	e
4	AFIAS	37	100.0	0.0	0.0	18.12	4.8	e
5	altro	4	100.0	0.0	0.0	16.59	12.2	e*

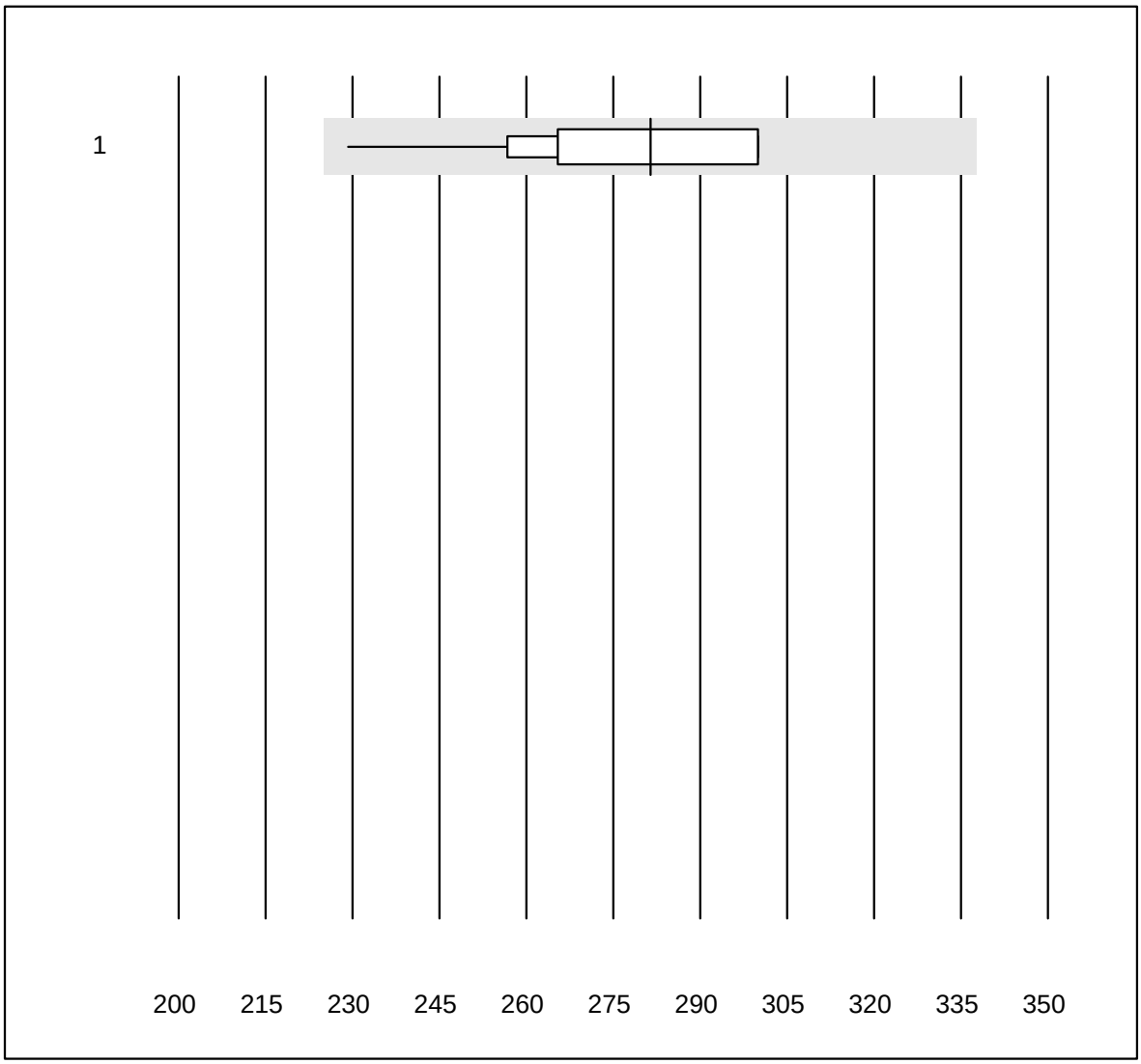
T3



Tolleranza MQ : 20 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AFIAS	11	100.0	0.0	0.0	2.1	9.1	e*

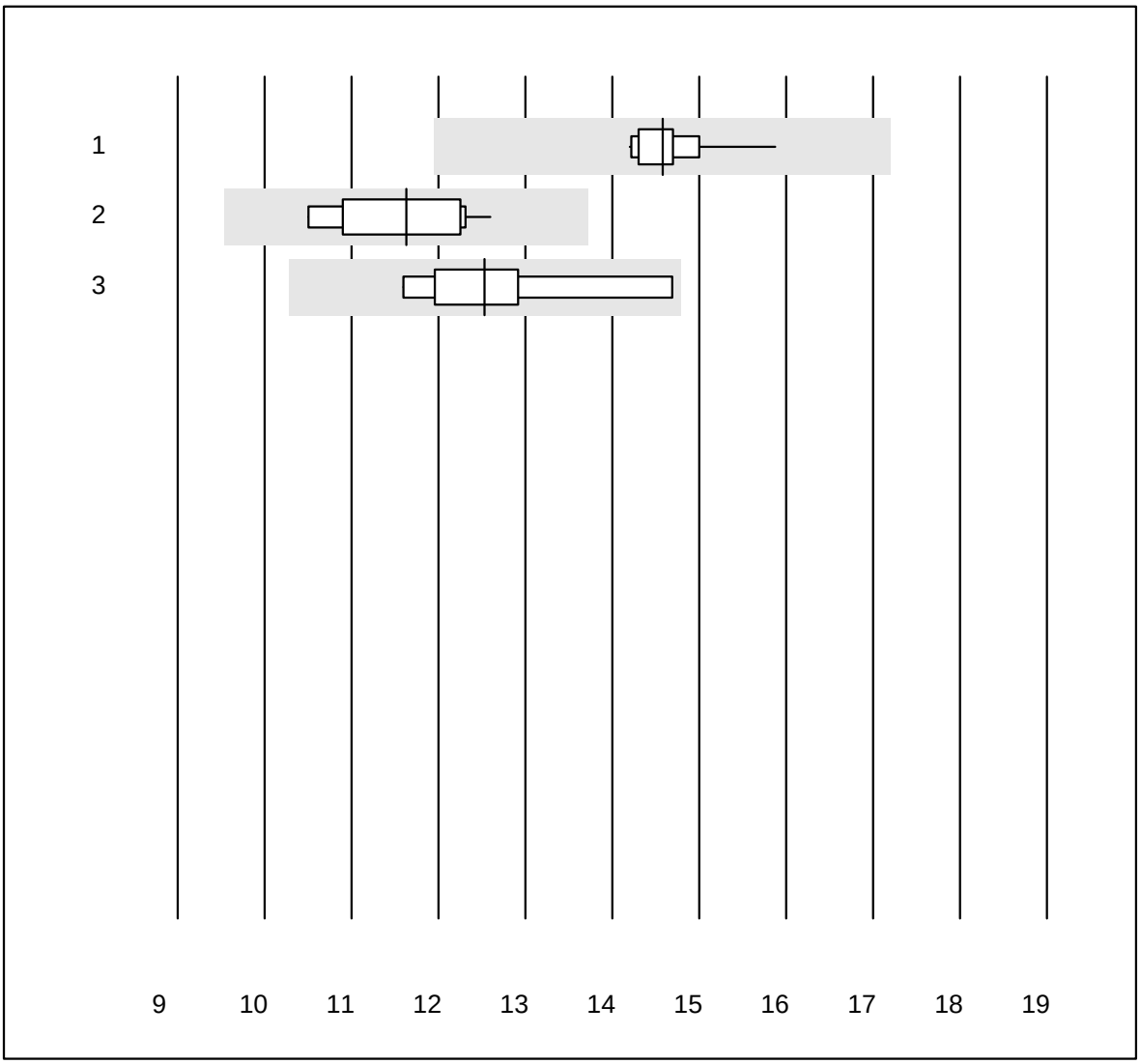
T4



Tolleranza MQ : 20 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AFIAS	12	100.0	0.0	0.0	281	8.2	e

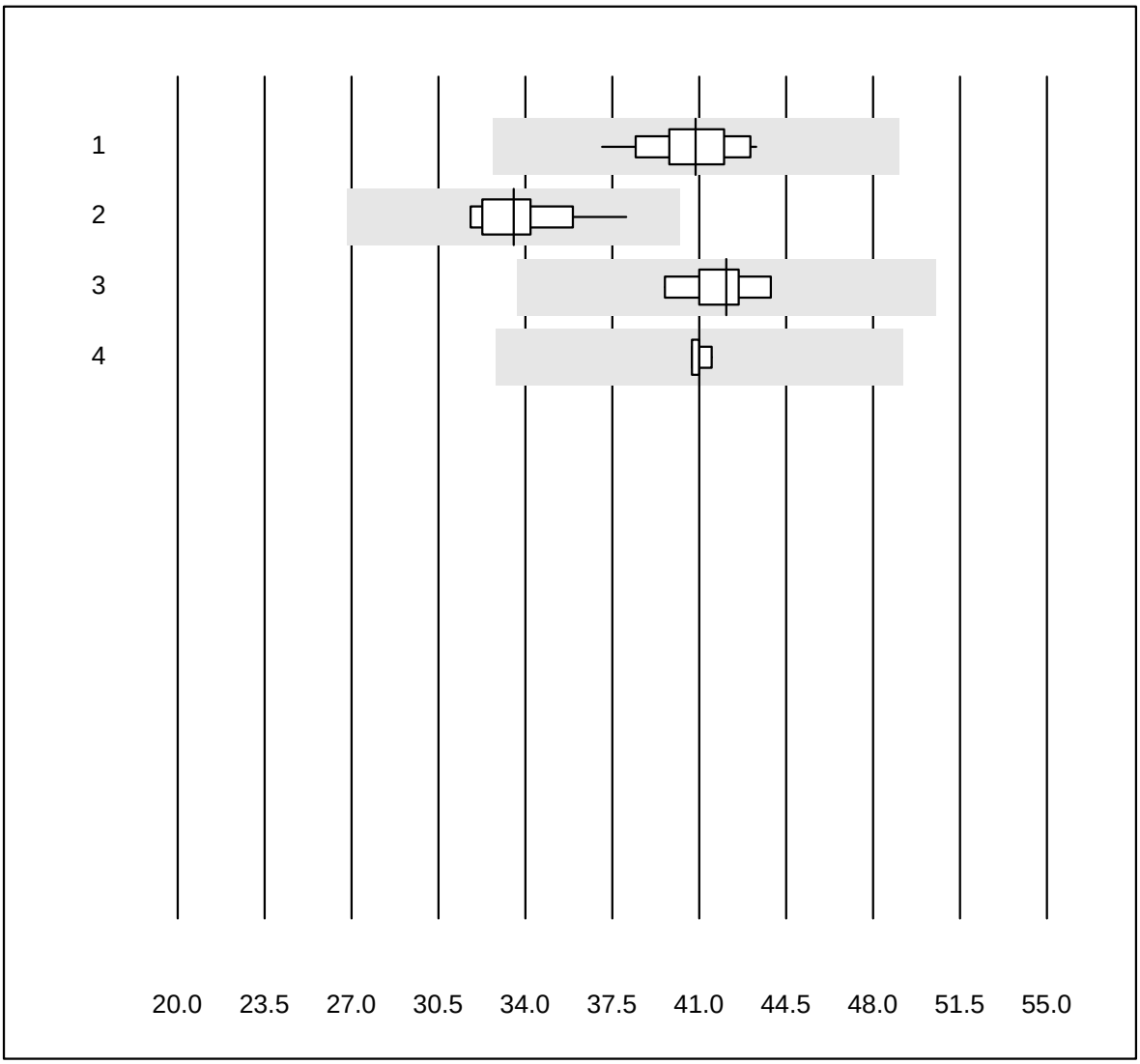
FT3



QUALAB Toleranz : 18 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	15	100.0	0.0	0.0	14.6	2.9	e
2	Architect	11	100.0	0.0	0.0	11.6	6.3	e
3	VIDAS	8	100.0	0.0	0.0	12.5	8.1	e*

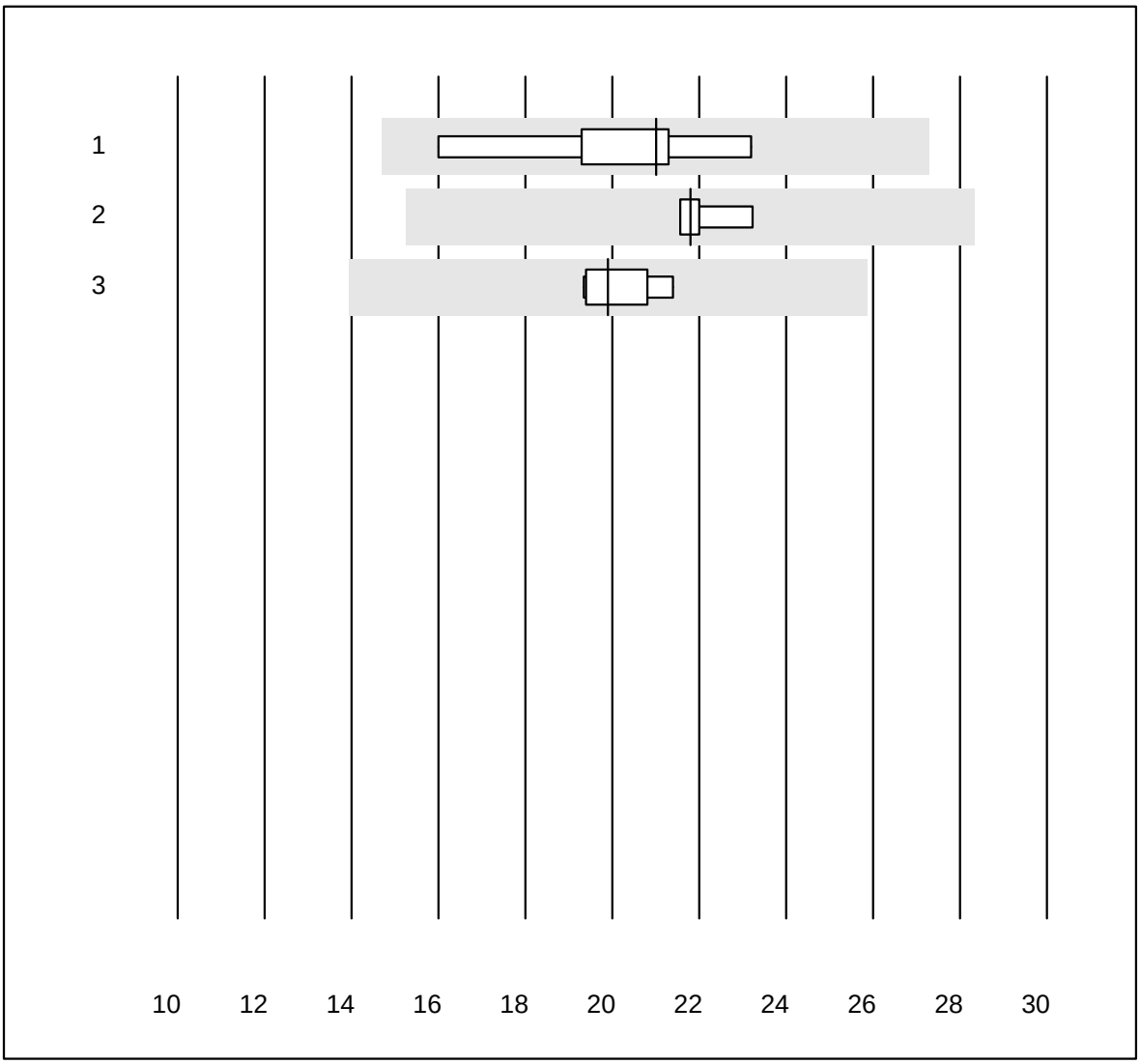
FT4



QUALAB Toleranz : 20 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	15	100.0	0.0	0.0	40.9	4.2	e
2	Architect	14	100.0	0.0	0.0	33.5	5.3	e
3	VIDAS	8	100.0	0.0	0.0	42.1	3.0	e
4	altro	4	100.0	0.0	0.0	41.0	0.8	e

Testosterone

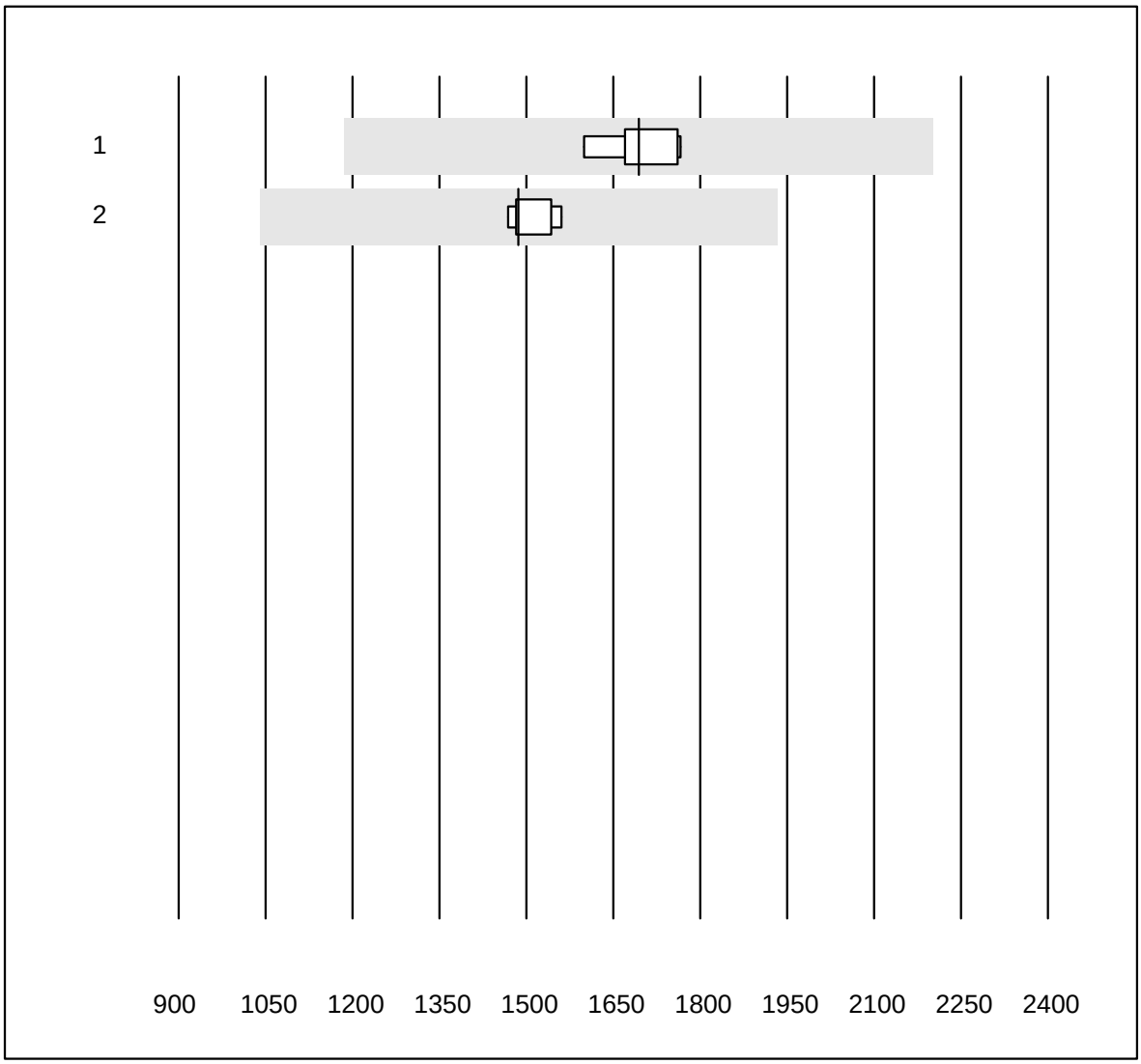


QUALAB Toleranz : 30 %

Testosterone (nmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	5	100.0	0.0	0.0	21.0	13.4	e*
2	Cobas	4	100.0	0.0	0.0	21.8	3.5	e
3	Architect	5	100.0	0.0	0.0	19.9	4.5	e

Estradiolo

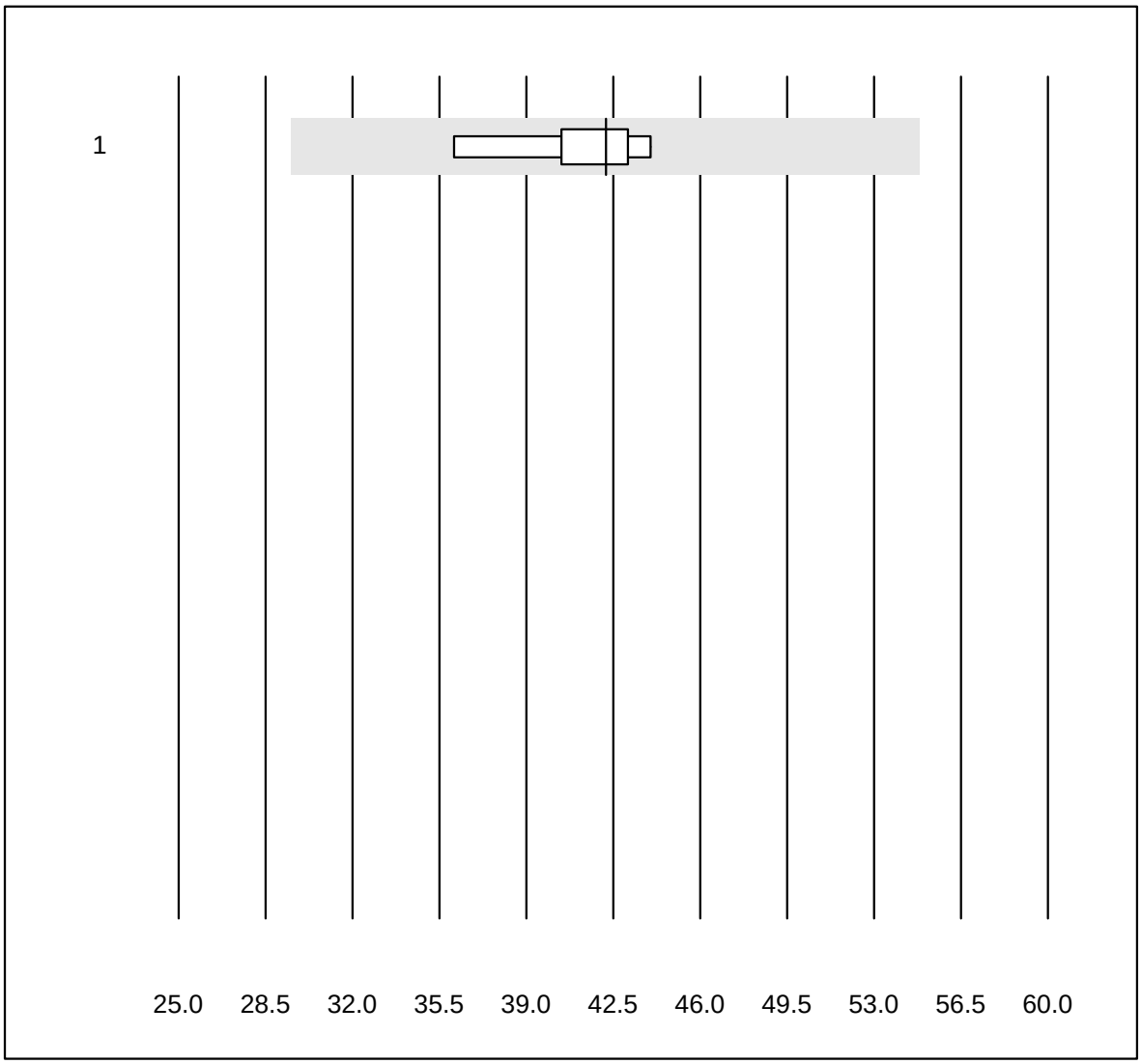


Tolleranza MQ : 30 %

Estradiolo (pmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	6	100.0	0.0	0.0	1694	3.6	e
2	Architect	5	100.0	0.0	0.0	1486	2.7	e

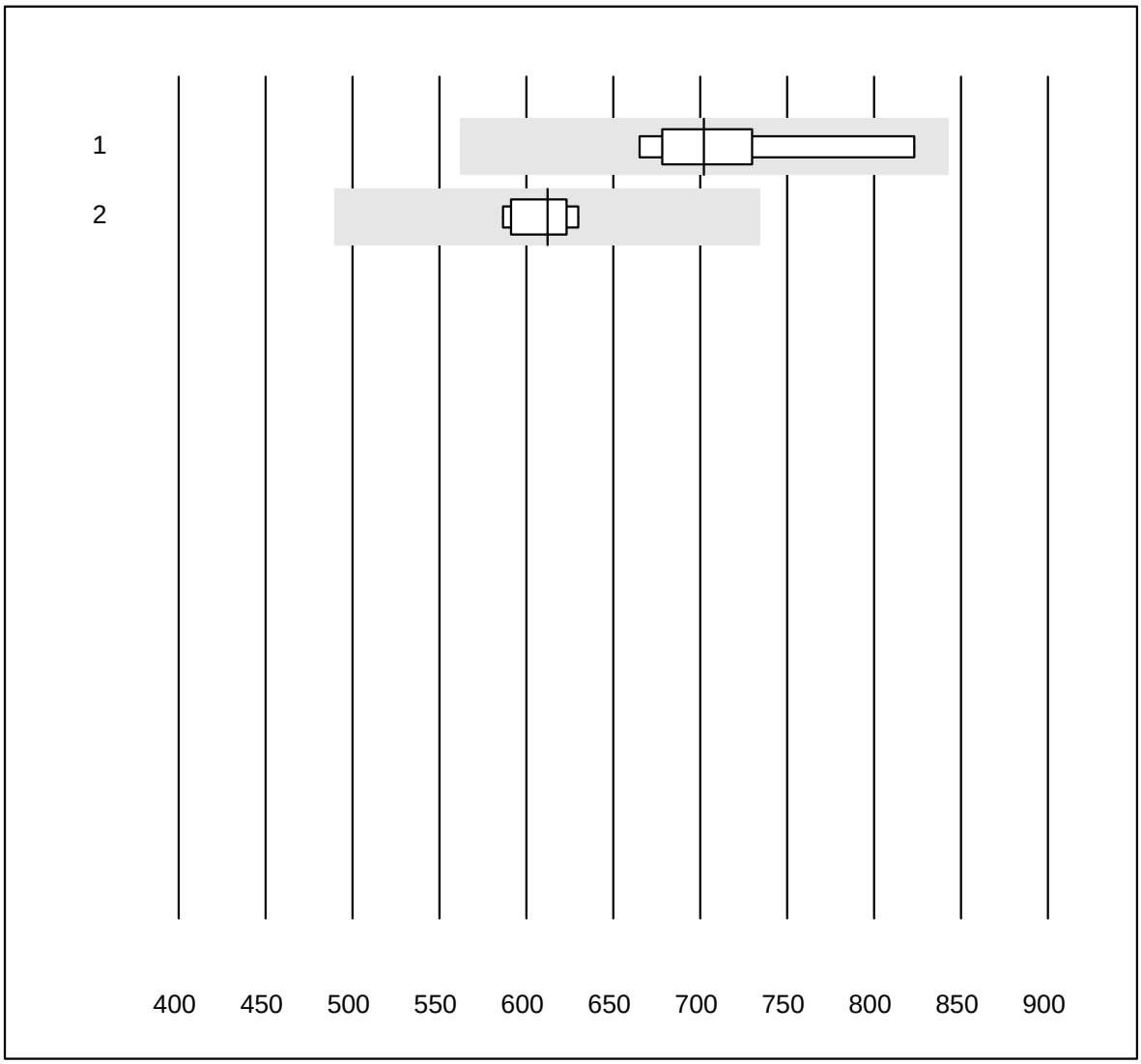
SHBG



Tolleranza MQ : 30 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	5	100.0	0.0	0.0	42.2	7.6	e

Cortisol

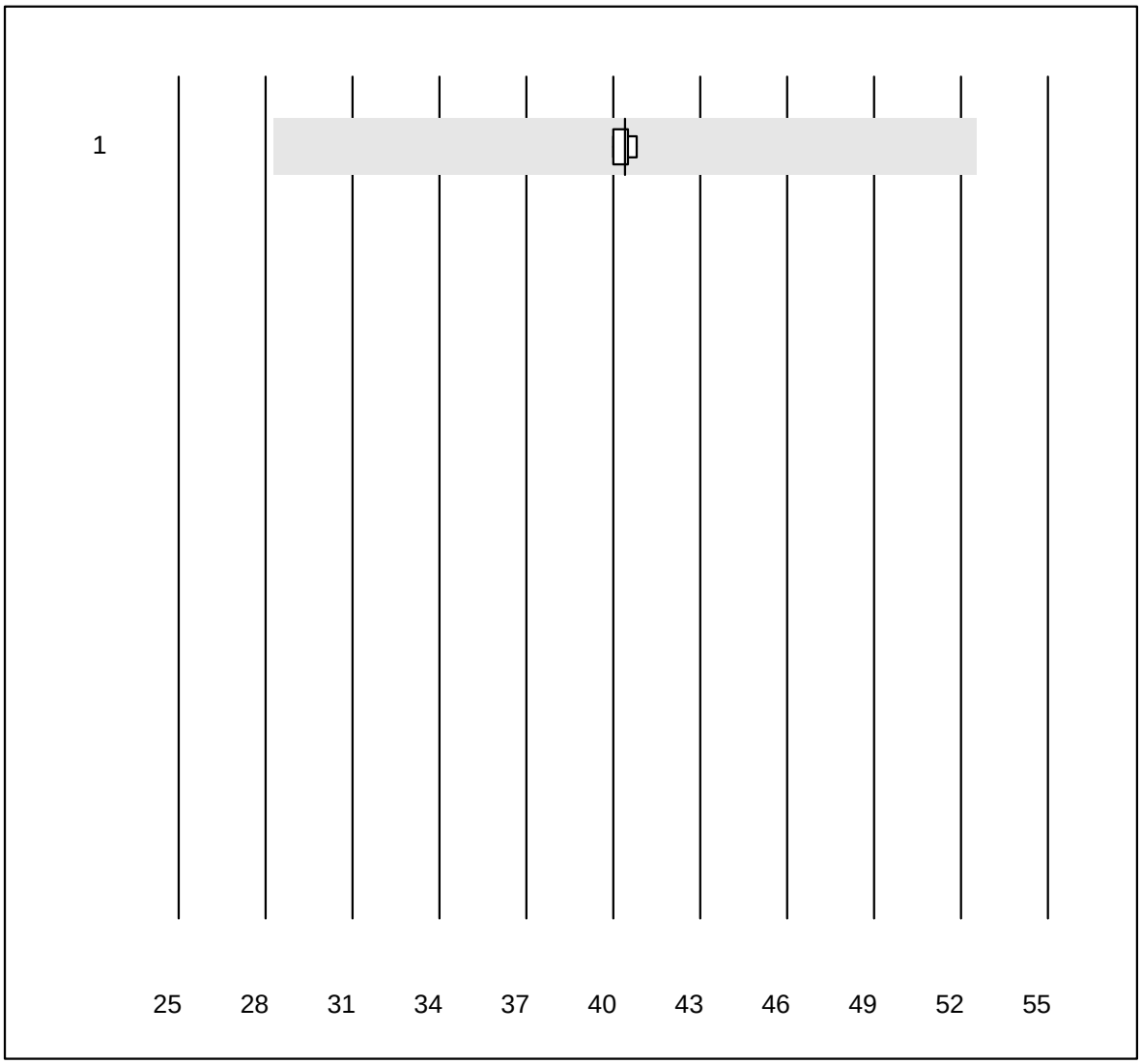


QUALAB Toleranz : 20 %

Cortisol (nmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	7	100.0	0.0	0.0	702	7.3	e*
2	Architect	5	100.0	0.0	0.0	612	3.2	e

Progesteron

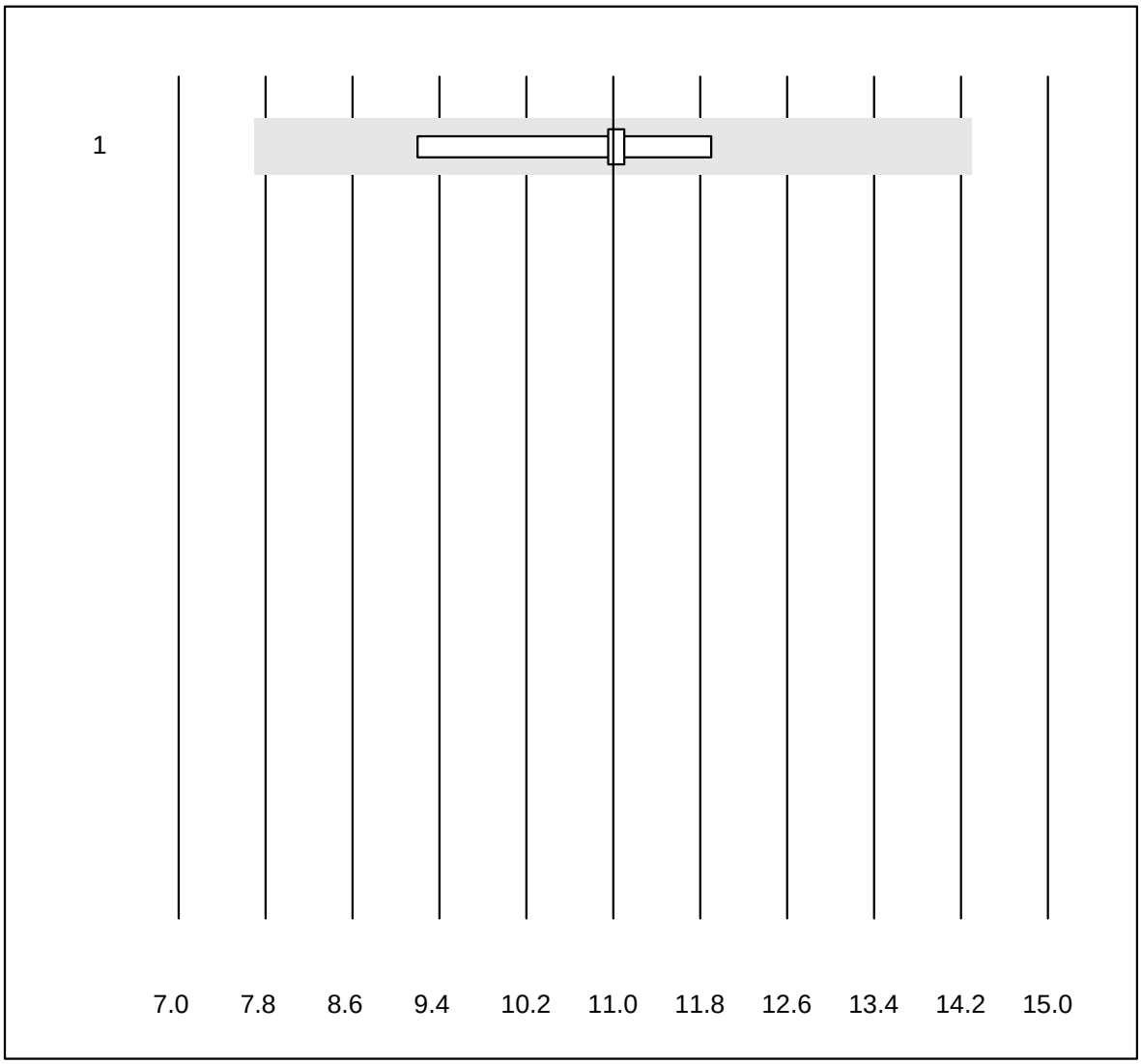


Tolleranza MQ : 30 %

Progesteron (nmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	4	100.0	0.0	0.0	40.4	0.8	e

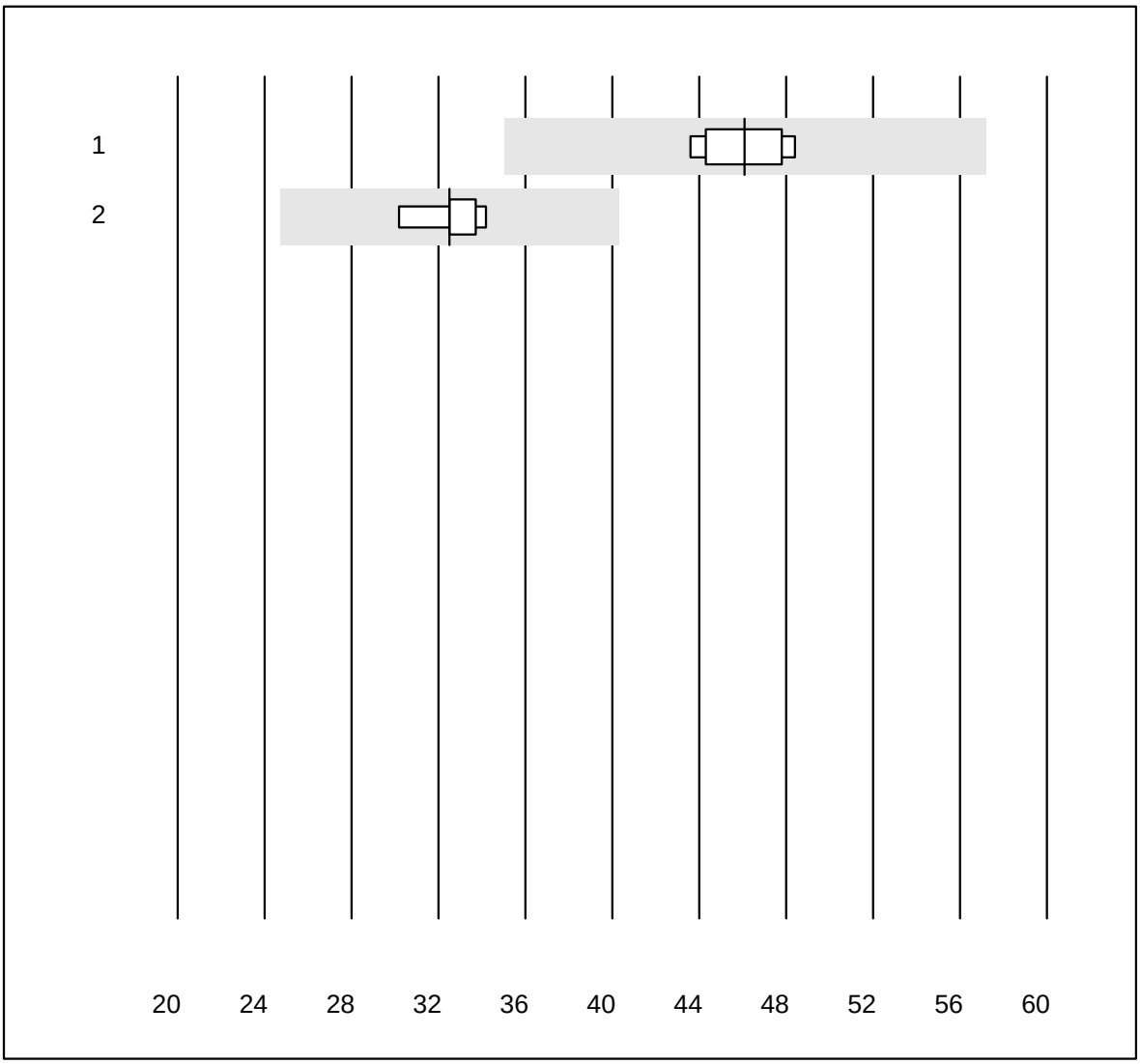
DHEAS



Tolleranza MQ : 30 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	5	100.0	0.0	0.0	11.00	9.1	e*

Luteinisierendes Hormon

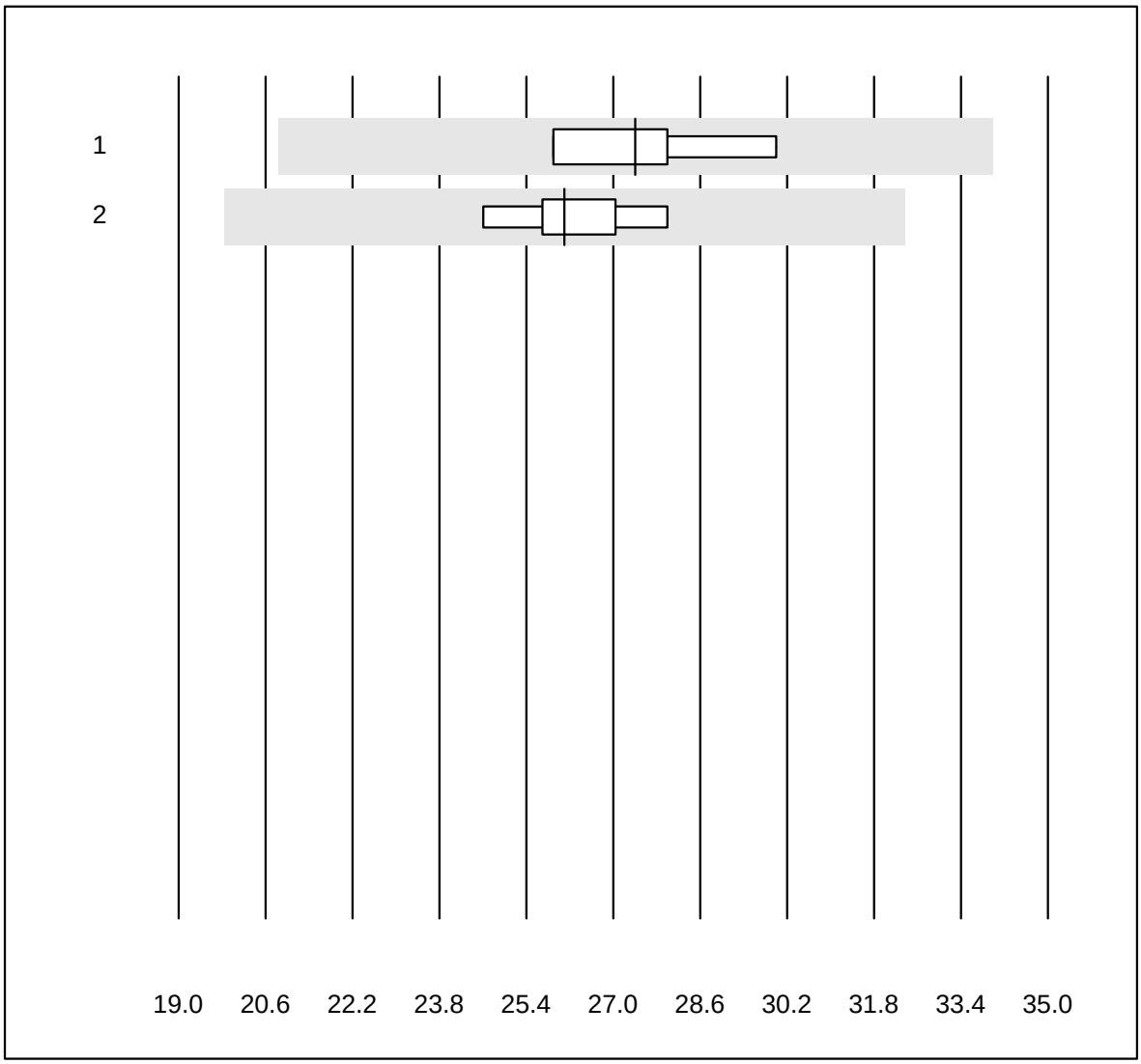


QUALAB Toleranz : 24 %

Luteinisierendes Hormon (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	7	100.0	0.0	0.0	46.1	3.8	e
2	Architect	5	100.0	0.0	0.0	32.5	4.7	e

Follikelstimulierendes Hormon

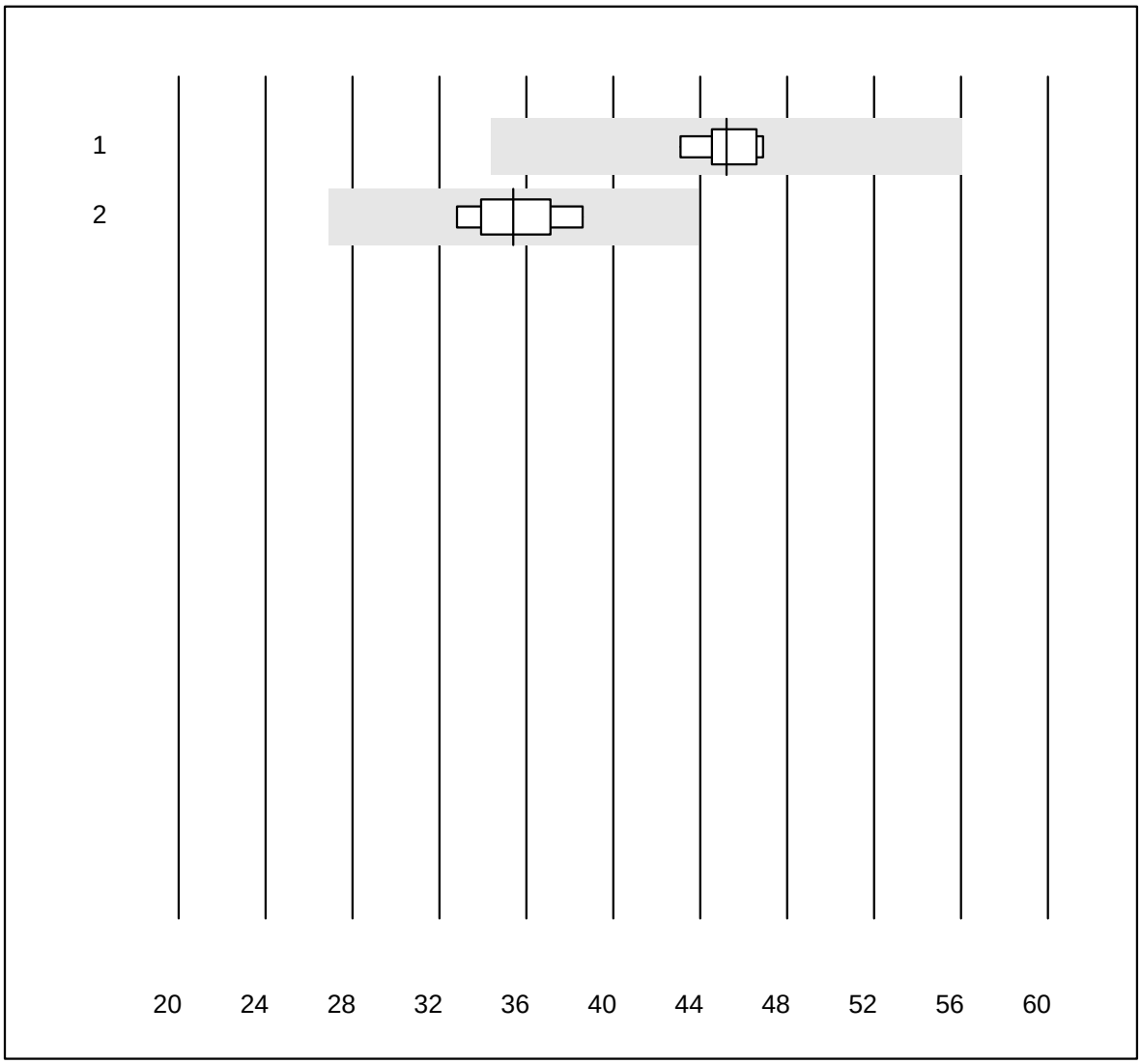


QUALAB Toleranz : 24 %

Follikelstimulierendes Hormon (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	7	100.0	0.0	0.0	27.4	5.1	e
2	Architect	5	100.0	0.0	0.0	26.1	4.9	e

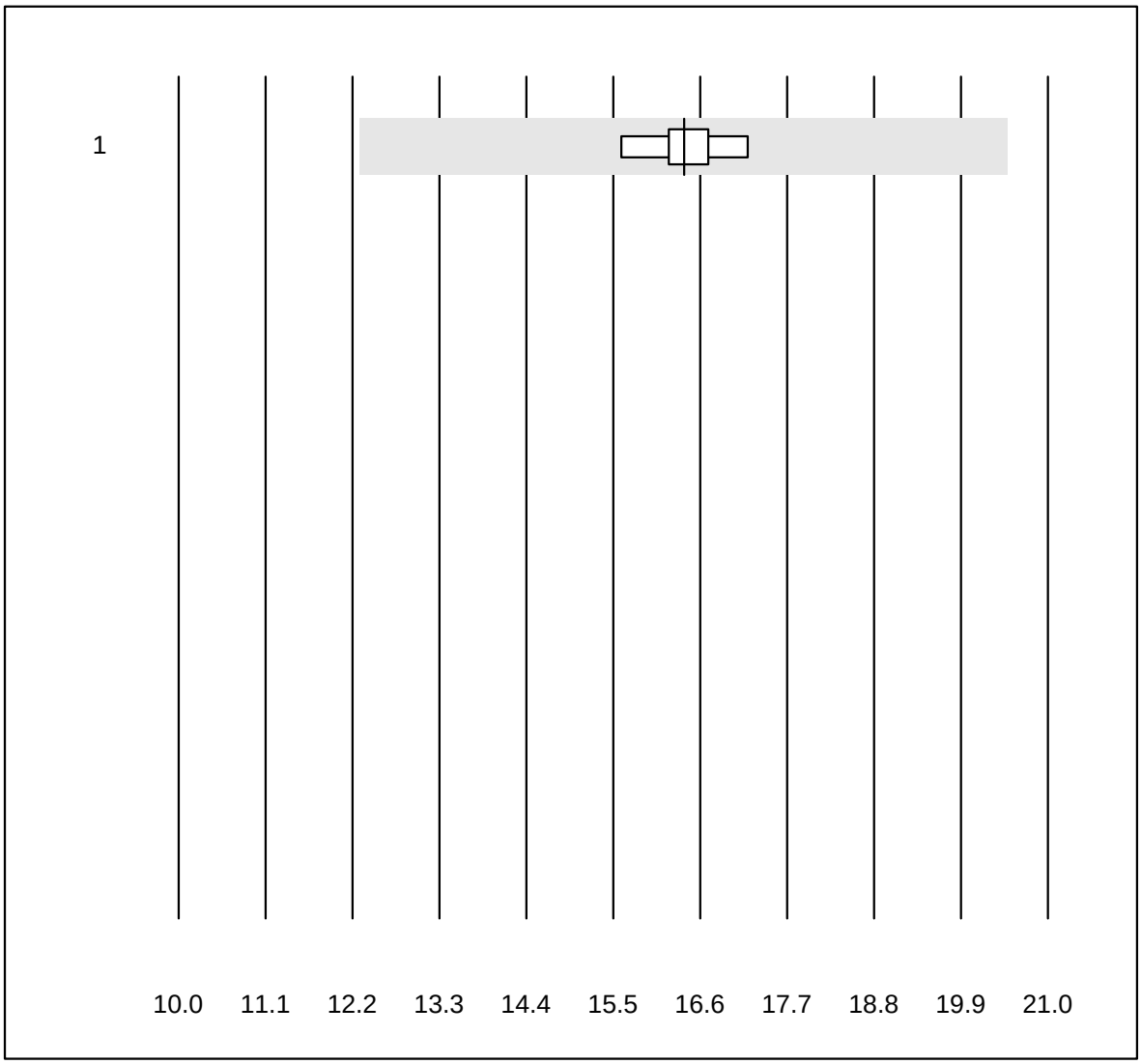
Prolaktin (PRL)



QUALAB Toleranz : 24 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas/Roche	7	100.0	0.0	0.0	45.2	2.9	e
2	Architect	5	100.0	0.0	0.0	35.4	6.6	e*

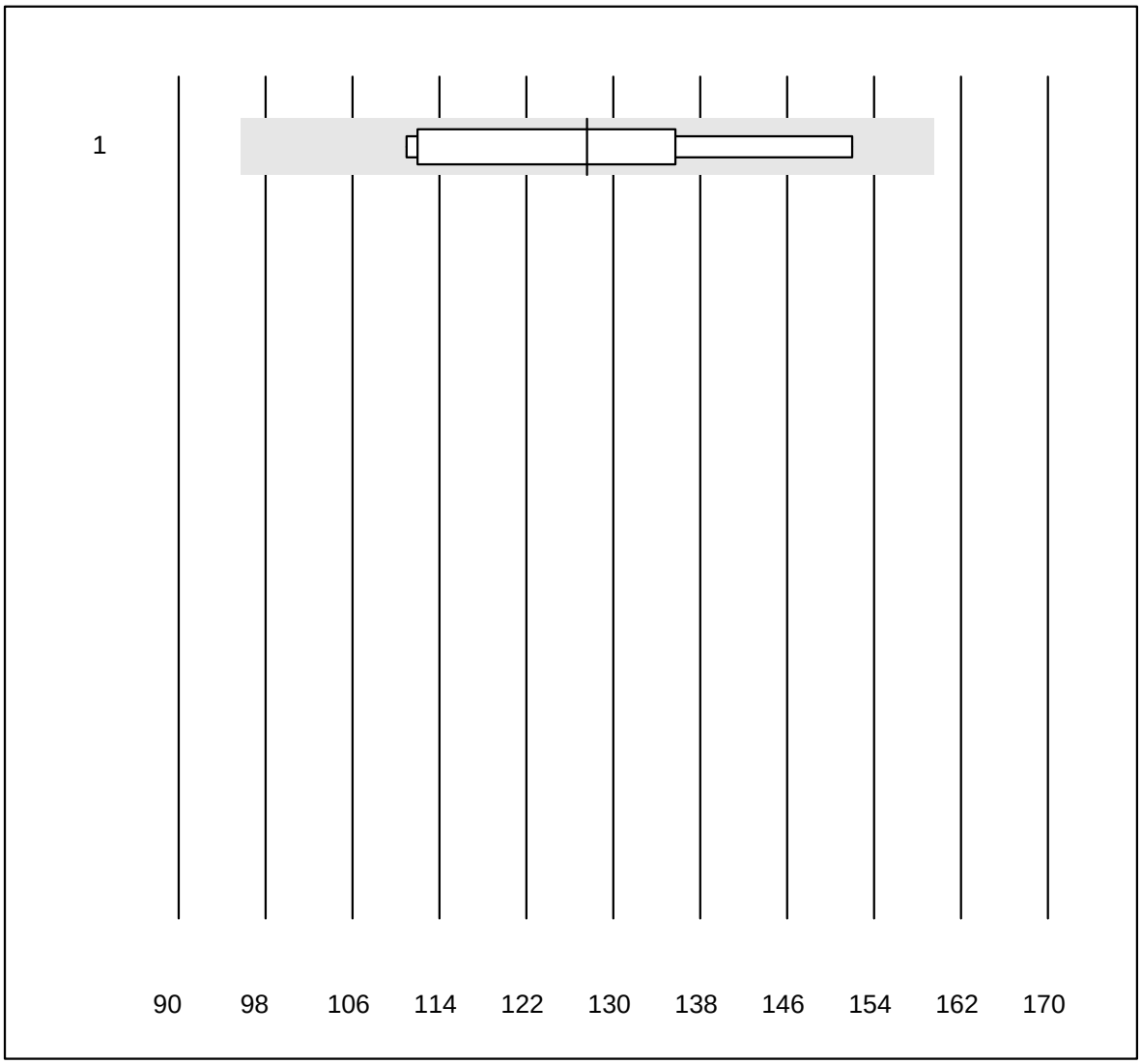
HGH



Tolleranza MQ : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	6	100.0	0.0	0.0	16.39	3.2	e

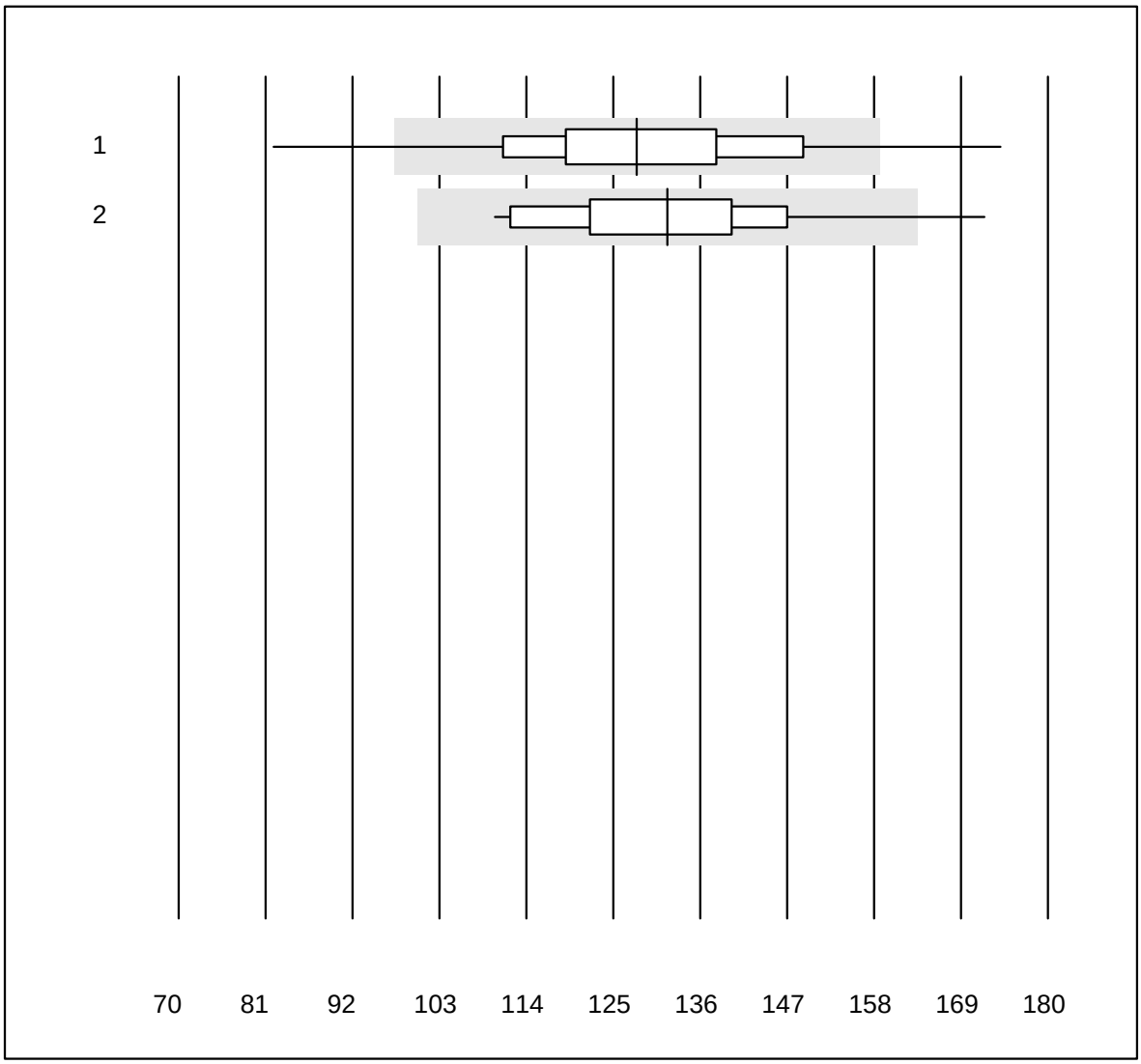
IGF-1



Tolleranza MQ : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Liaison	6	100.0	0.0	0.0	128	12.1	e*

Troponina T CR

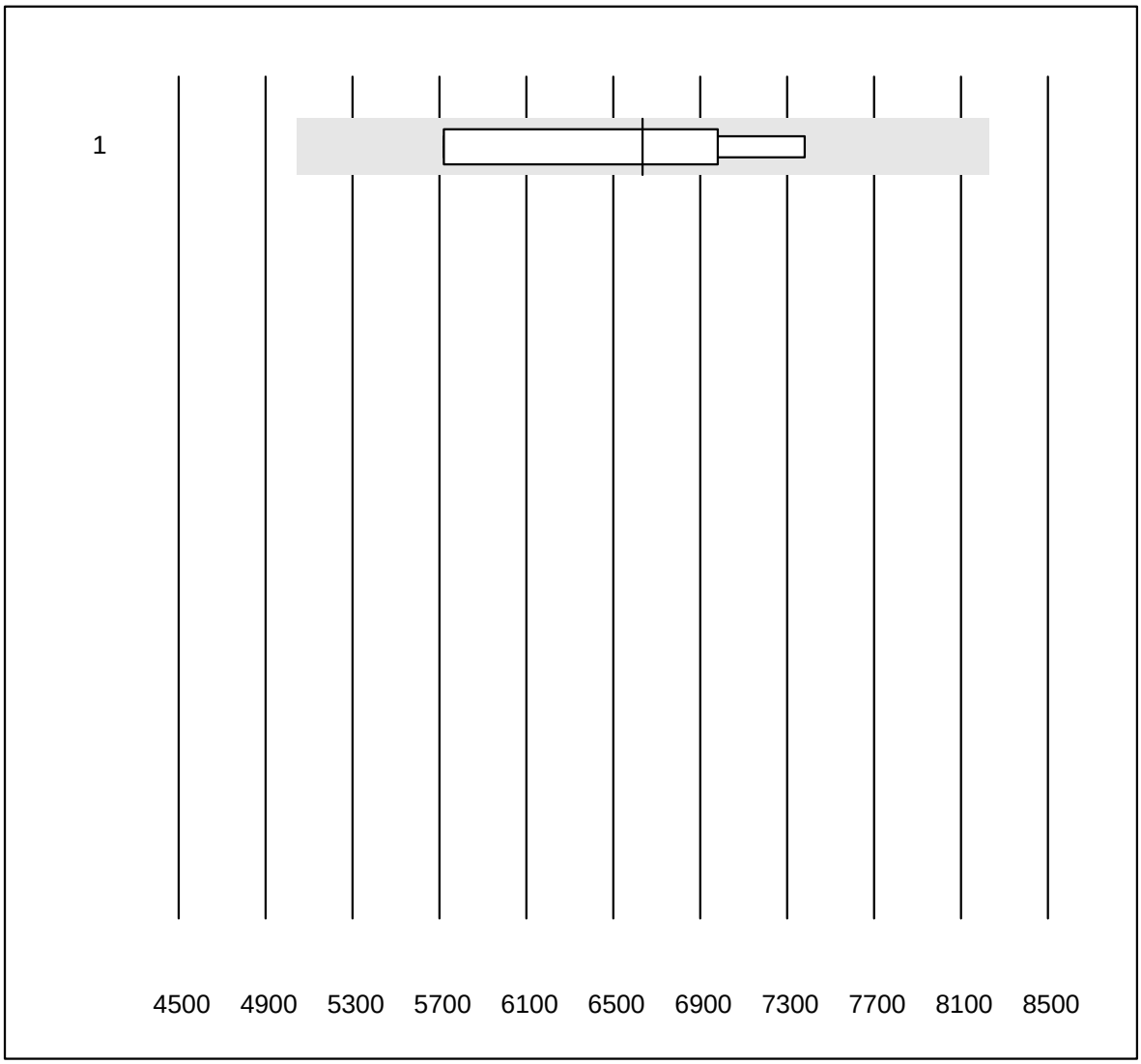


QUALAB Toleranz : 24 %

Troponina T CR (ng/l)

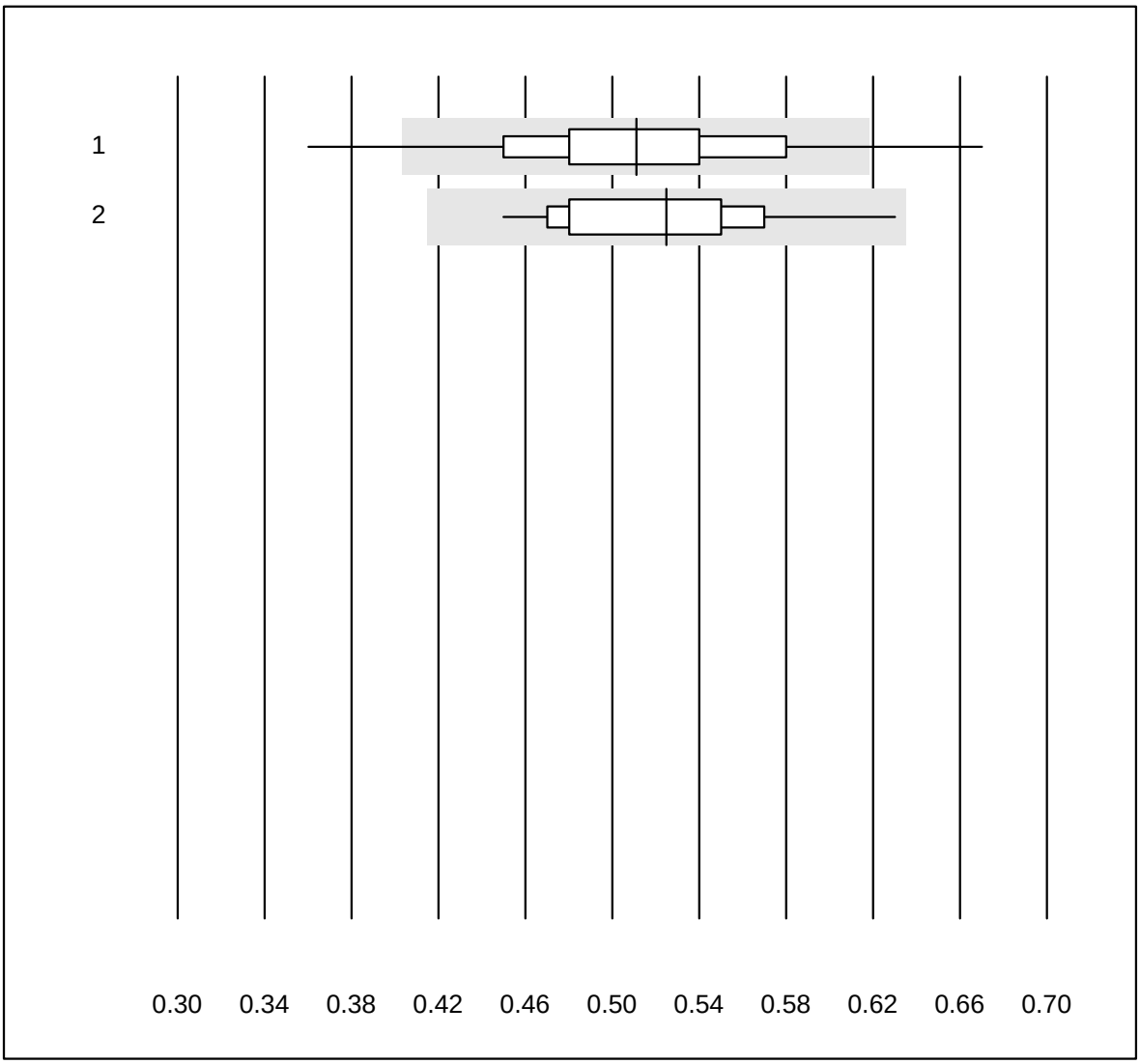
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	1224	94.5	4.6	0.9	128.00	11.6	e
2	Cardiac Reader	14	92.9	7.1	0.0	131.86	12.2	e*

Troponina I WB



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat	4	100.0	0.0	0.0	6635.00	11.2	e*

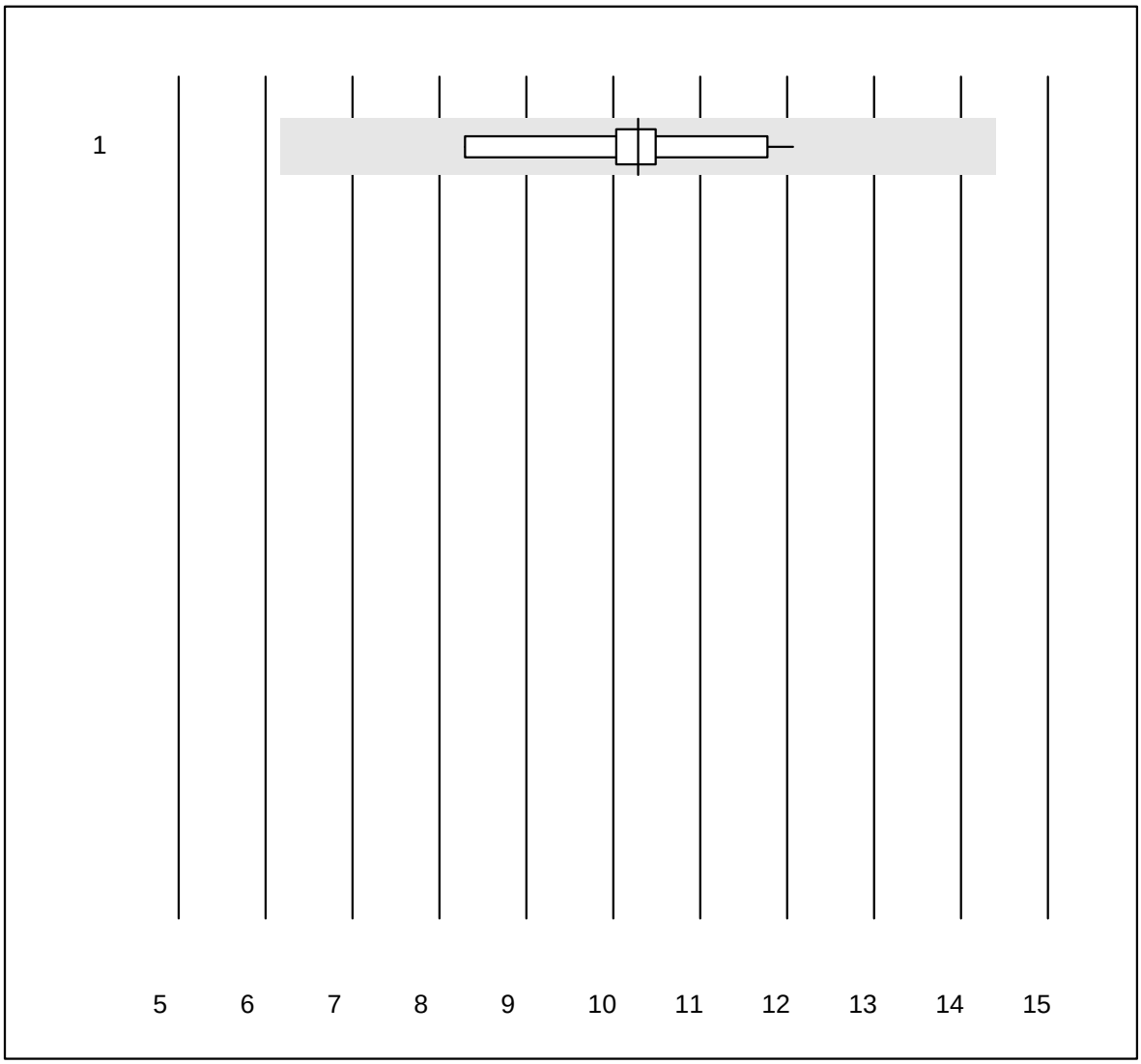
D-Dimeri CR



QUALAB Toleranz : 21 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	1205	93.0	5.4	1.6	0.51	10.4	e
2	Cardiac Reader	12	100.0	0.0	0.0	0.53	9.5	e*

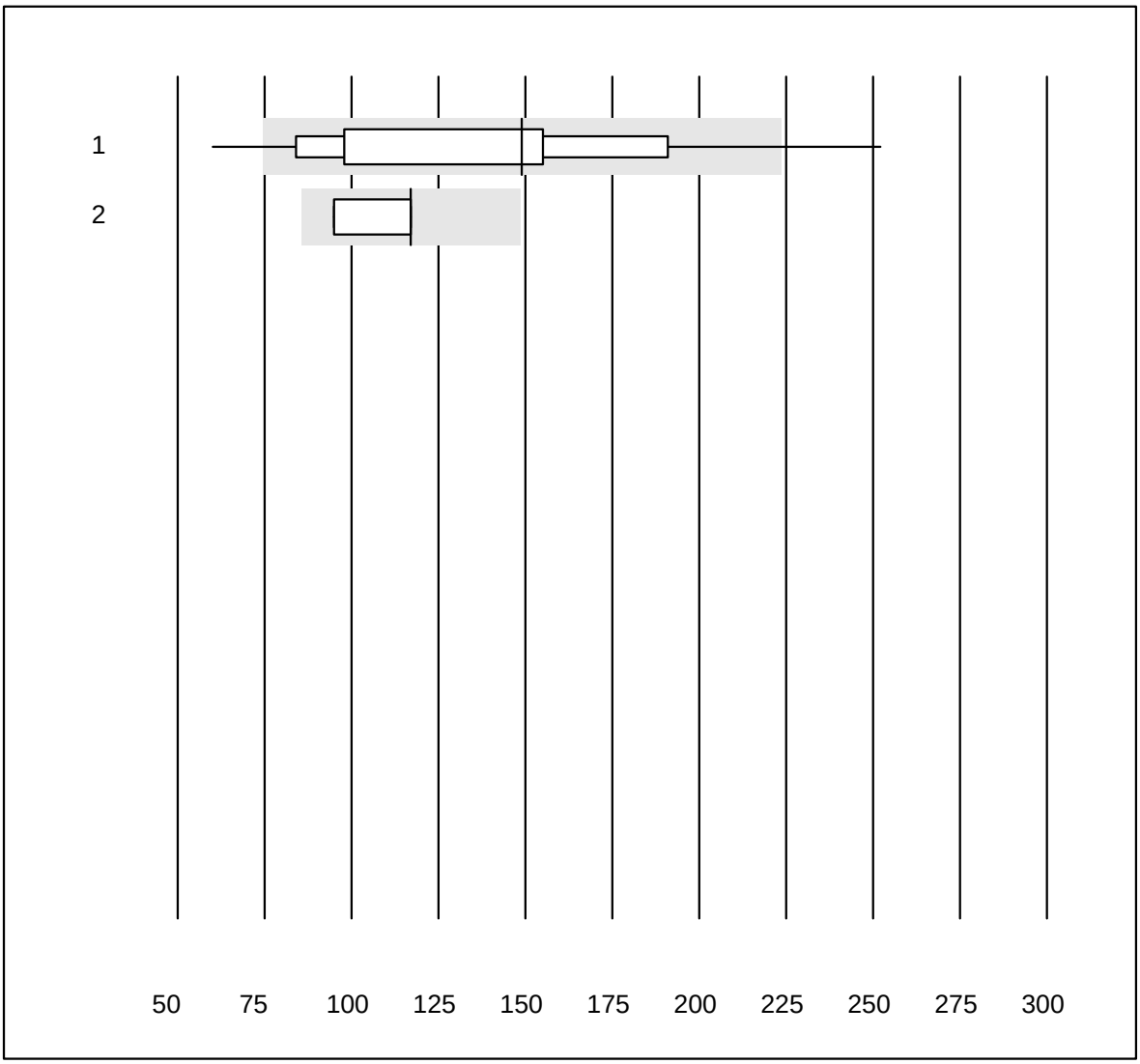
CKMB- K8



Tolleranza MQ : 40 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	10	100.0	0.0	0.0	10.3	10.3	e

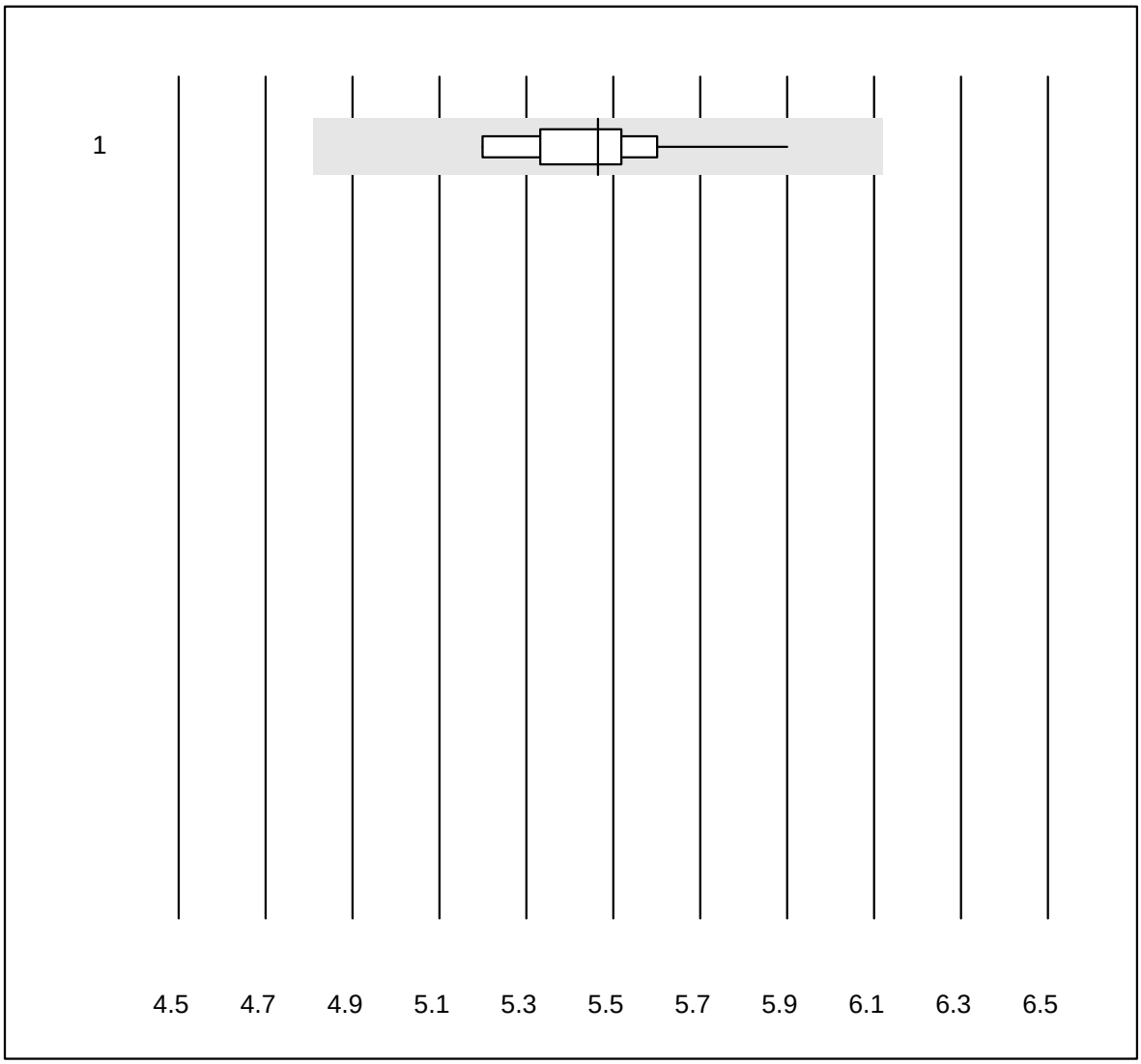
NT-proBNP CR



QUALAB Toleranz : 27 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	778	94.4	4.4	1.2	149	31.9	a
2	Cardiac Reader	5	60.0	0.0	40.0	117	10.4	e*

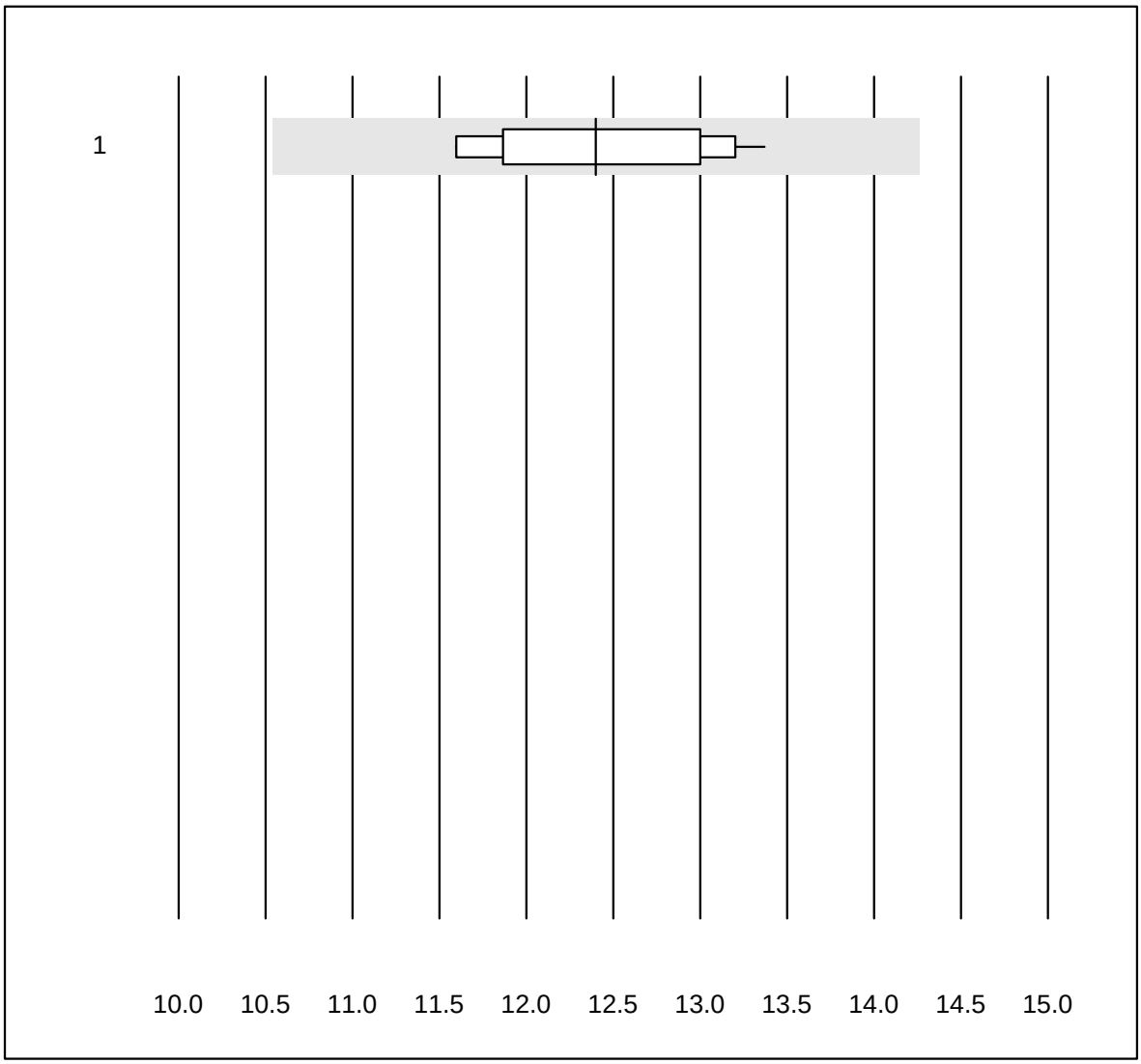
PCO2 CCA



QUALAB Toleranz : 12 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	OPTI CCA	13	100.0	0.0	0.0	5.46	3.4	e

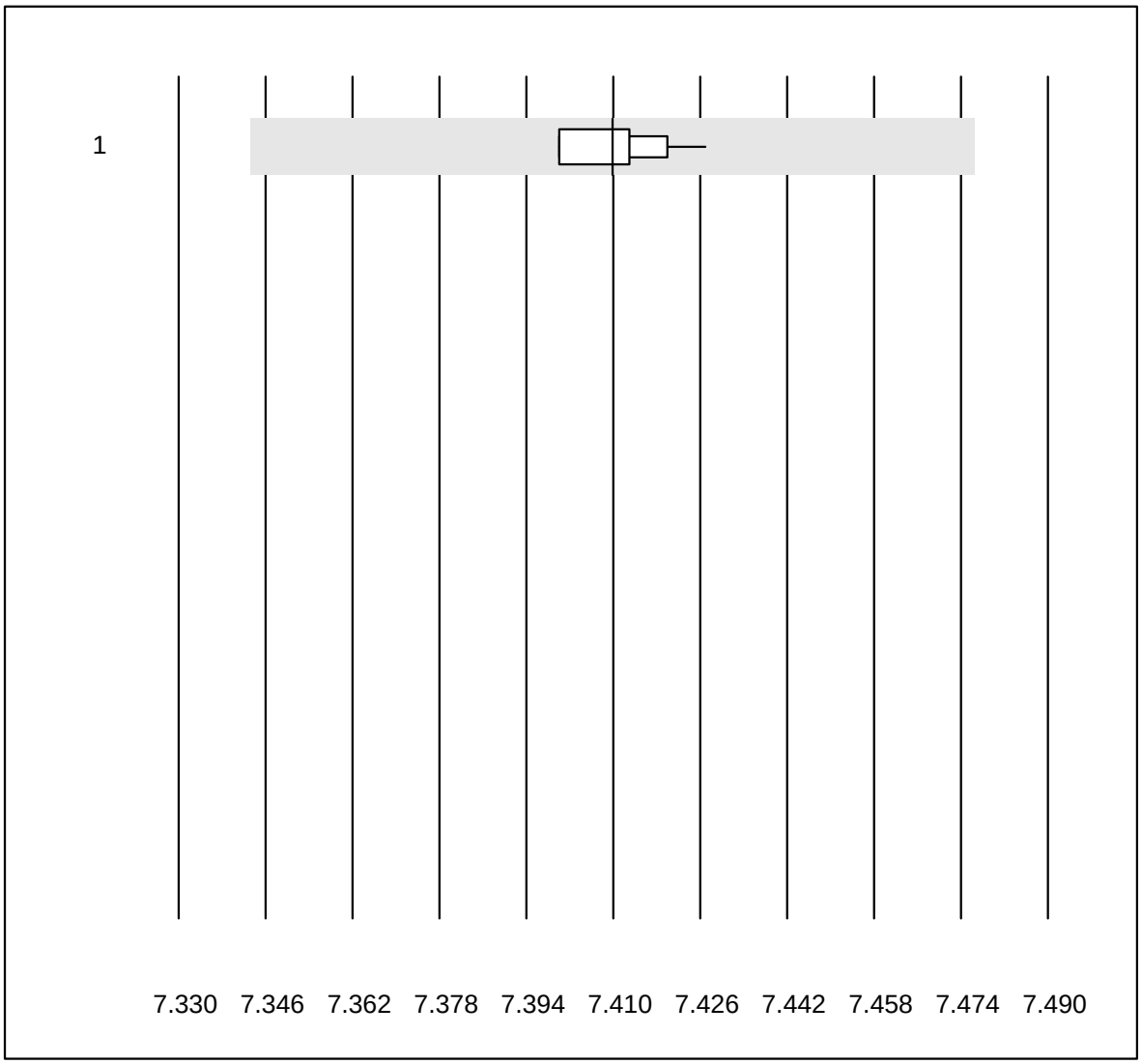
PO2 CCA



QUALAB Toleranz : 15 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	OPTI CCA	13	100.0	0.0	0.0	12.40	5.0	e

pH CCA

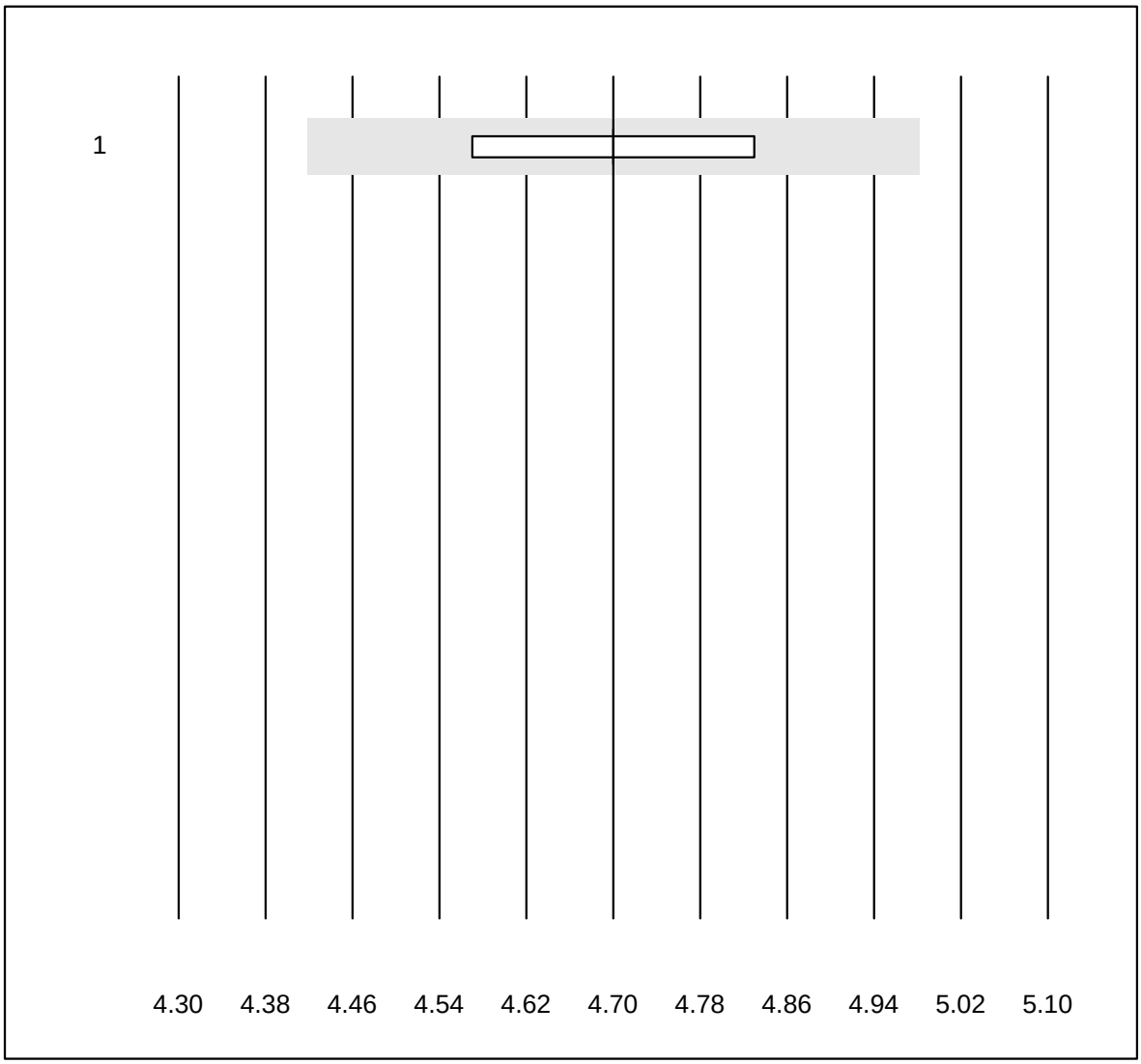


QUALAB Toleranz : 1 %

pH CCA ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	OPTI CCA	12	100.0	0.0	0.0	7.41	0.1	e

Potassio CCA

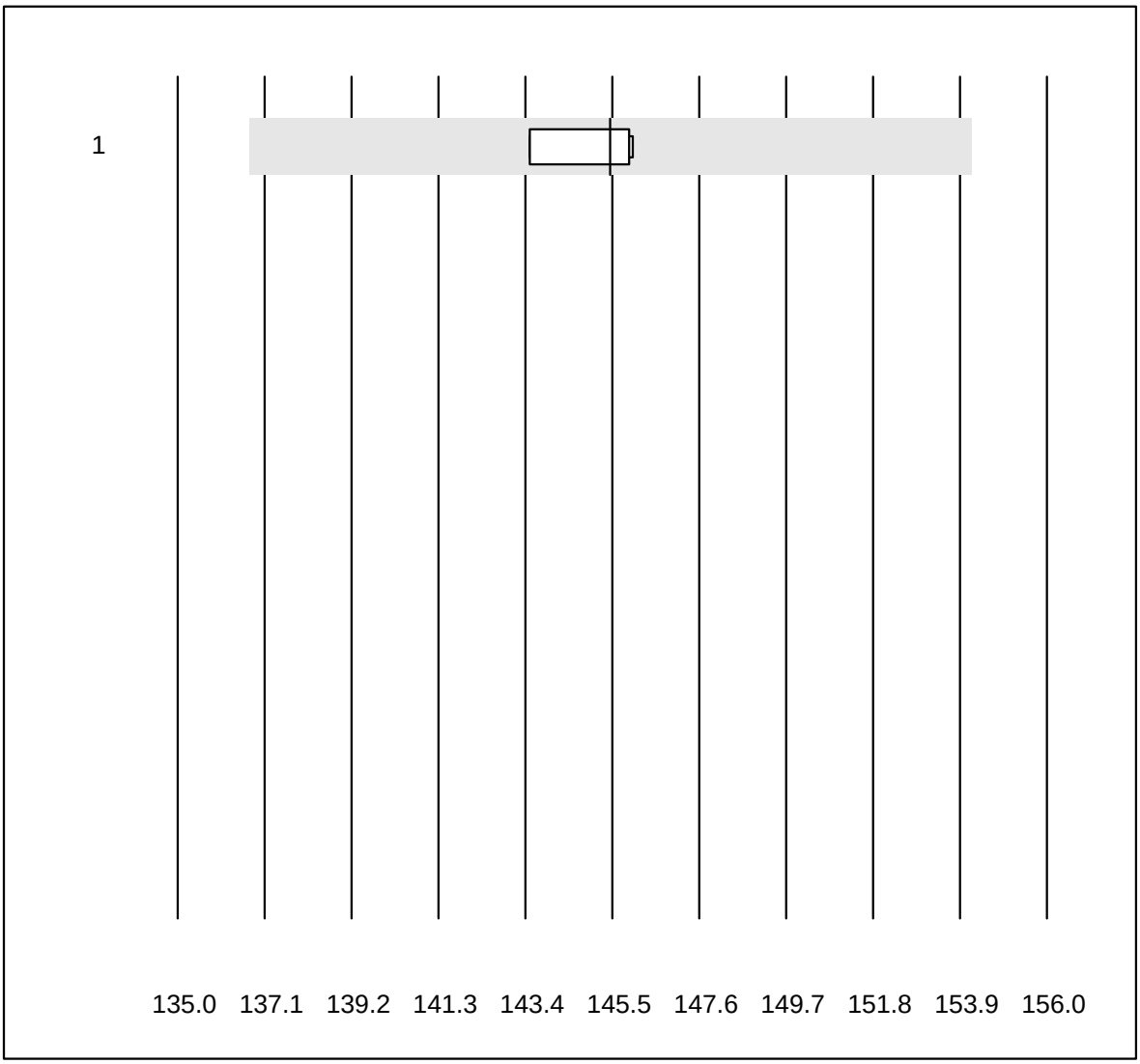


QUALAB Toleranz : 6 %

Potassio CCA (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	OPTI CCA	5	100.0	0.0	0.0	4.7	2.0	e*

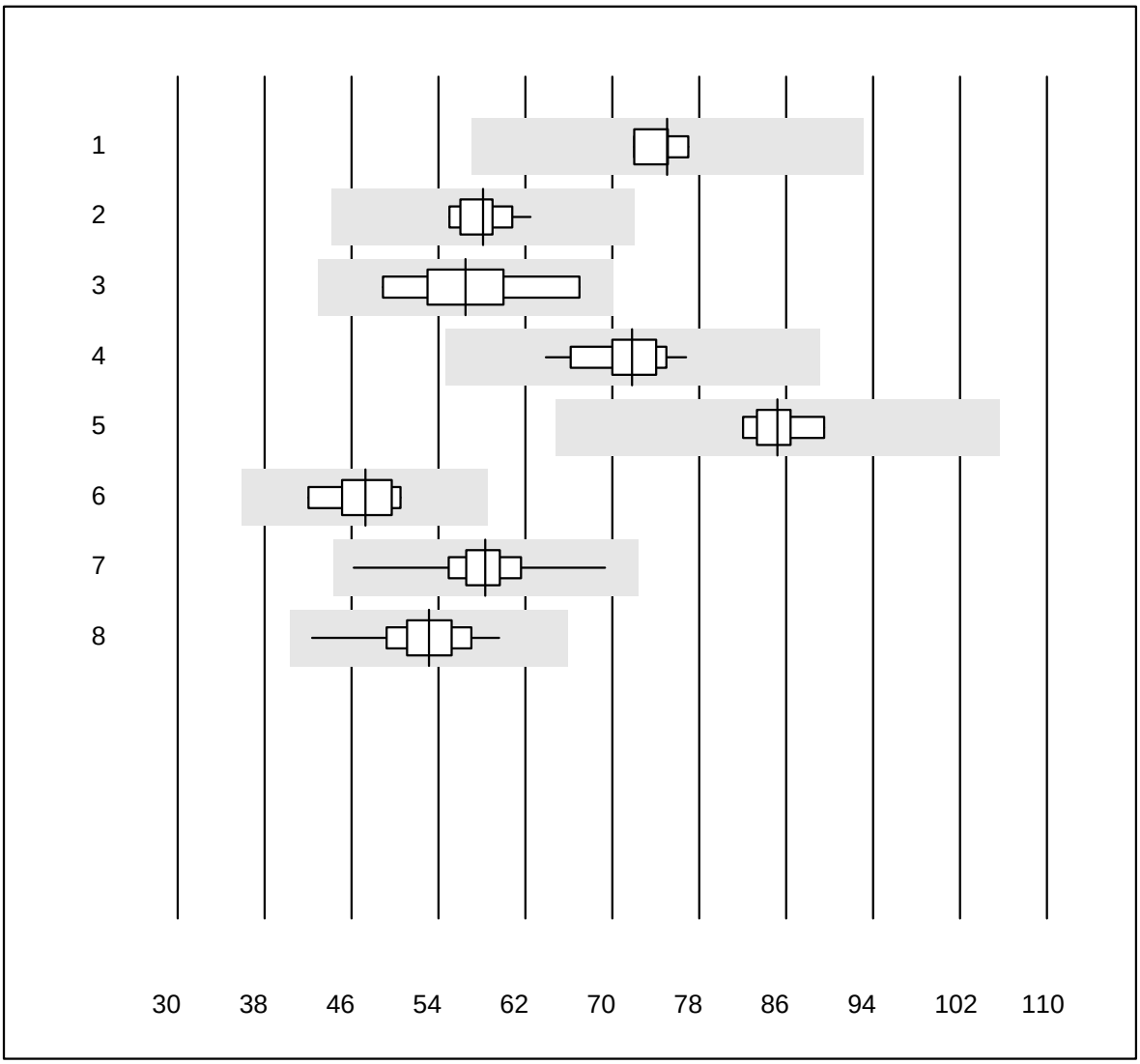
Sodio CCA



QUALAB Toleranz : 6 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	OPTI CCA	4	100.0	0.0	0.0	145.5	0.8	e

Ferritina

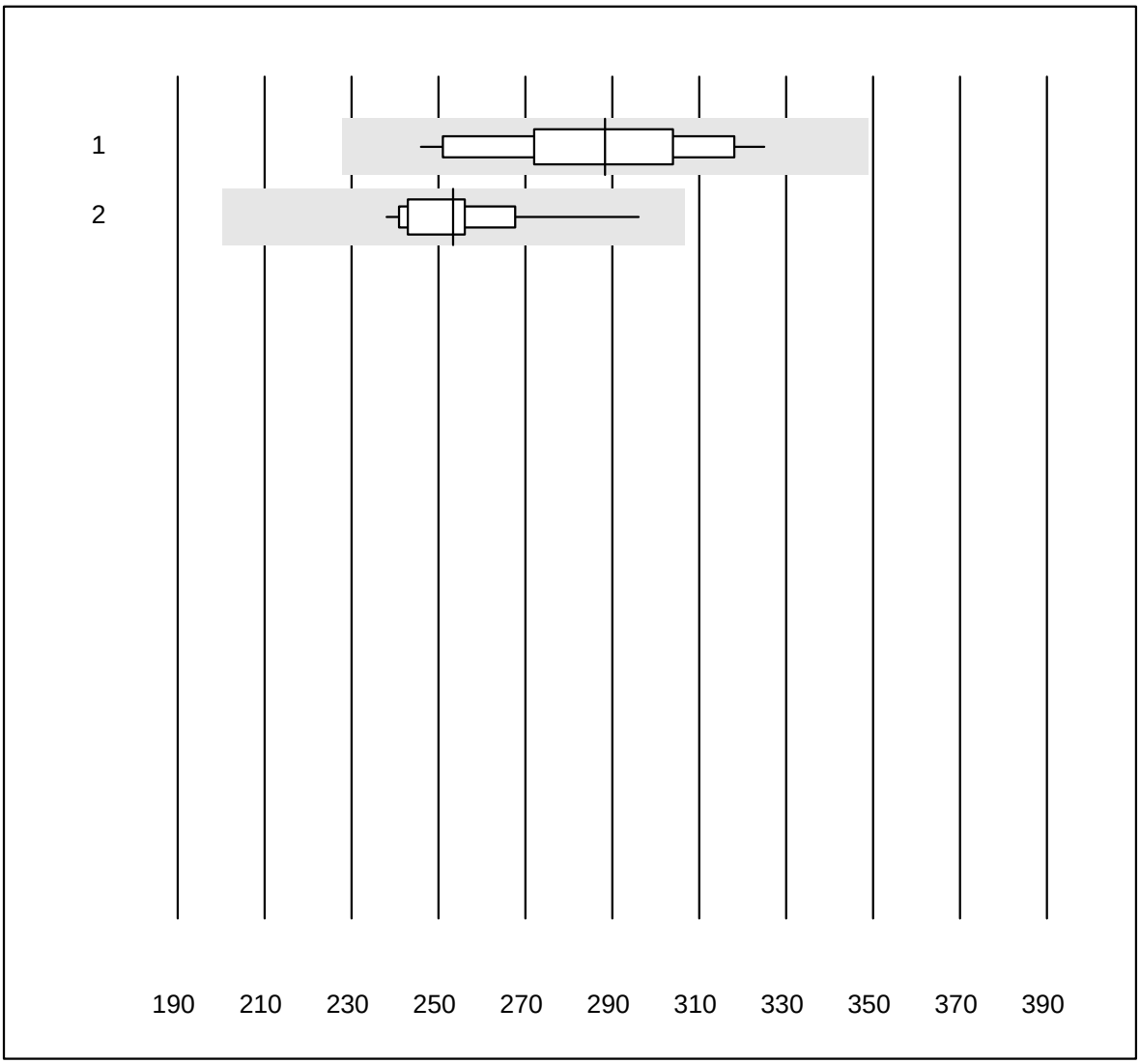


QUALAB Toleranz : 24 %

Ferritina (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Dimension	4	100.0	0.0	0.0	75.05	2.8	e
2	Beckman	10	100.0	0.0	0.0	58.13	4.0	e
3	tutti	6	100.0	0.0	0.0	56.50	11.0	e*
4	Cobas E / Elecsys	14	100.0	0.0	0.0	71.84	4.9	e
5	Architect	8	100.0	0.0	0.0	85.20	2.9	e
6	Mini Vidas	6	100.0	0.0	0.0	47.25	6.7	e
7	AFIAS	43	97.7	0.0	2.3	58.34	6.3	e
8	Eurolyser	22	95.5	0.0	4.5	53.13	7.3	e

Vitamina B12

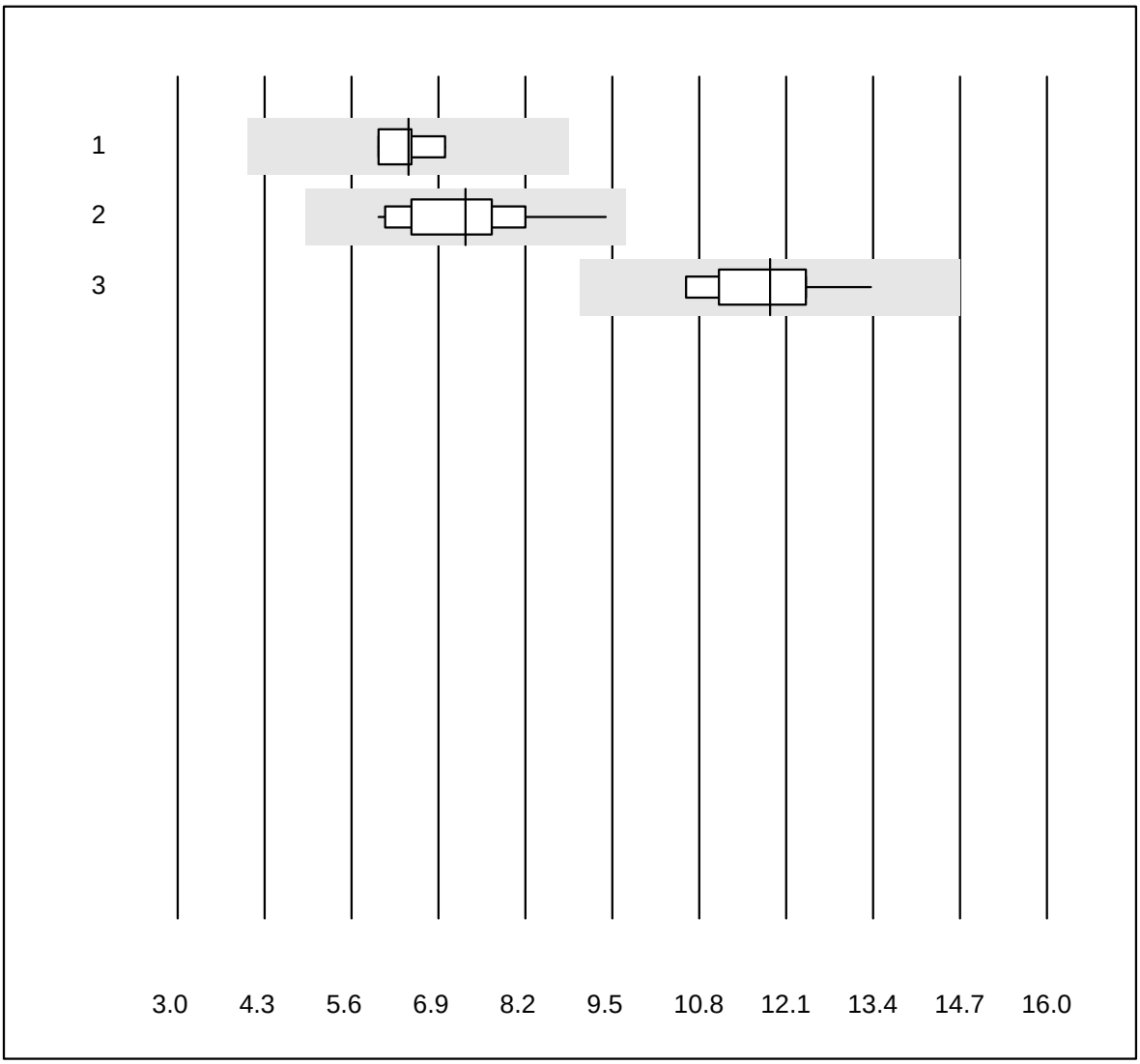


QUALAB Toleranz : 21 %

Vitamina B12 (pmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	13	100.0	0.0	0.0	288.27	8.7	e
2	Architect	12	100.0	0.0	0.0	253.43	6.4	e

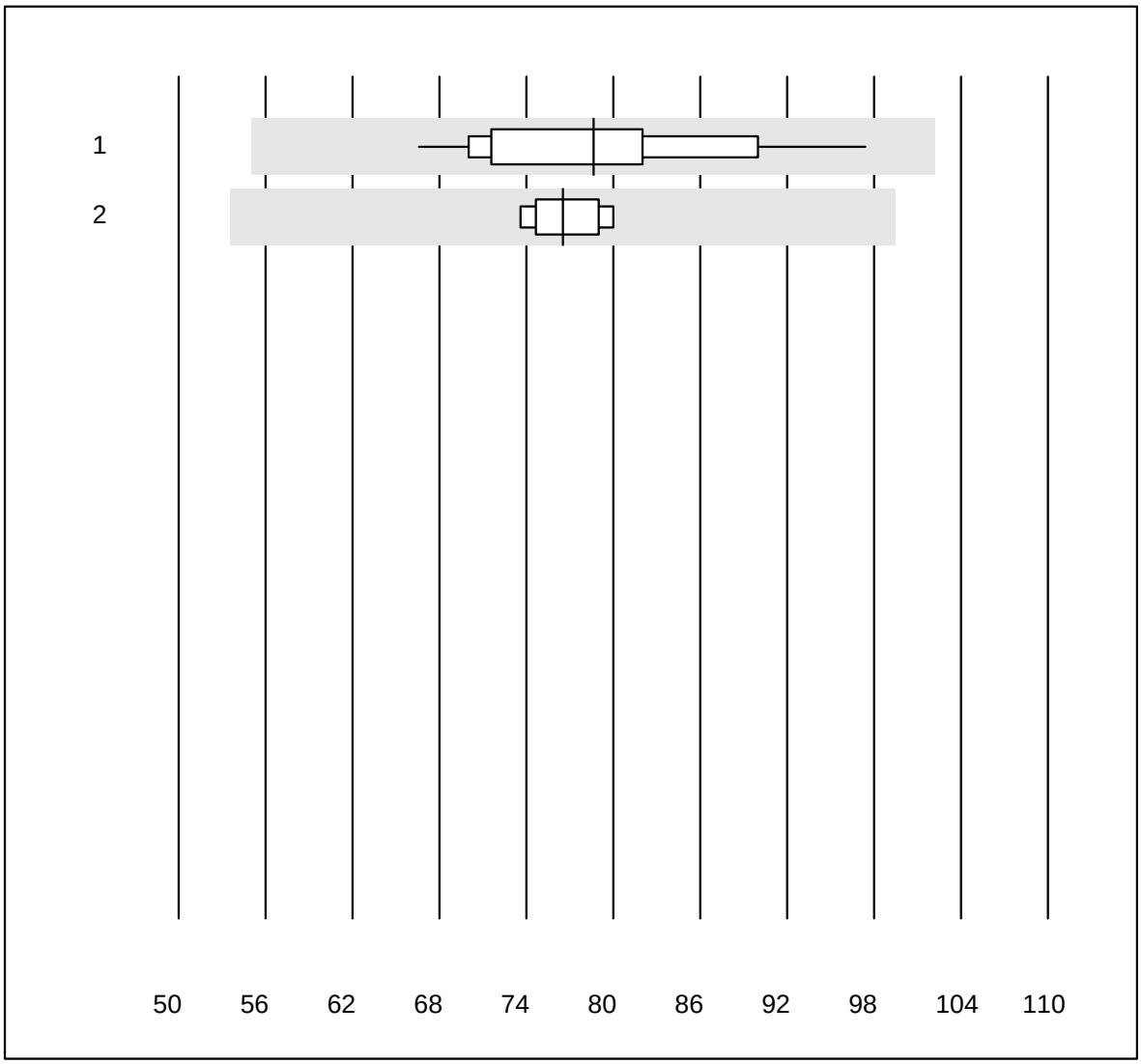
Acido folico



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

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	altro	4	100.0	0.0	0.0	6.45	6.4	e*
2	Cobas E / Elecsys	12	100.0	0.0	0.0	7.31	13.2	e*
3	Architect	10	100.0	0.0	0.0	11.86	6.9	e

Holotranscobalamine

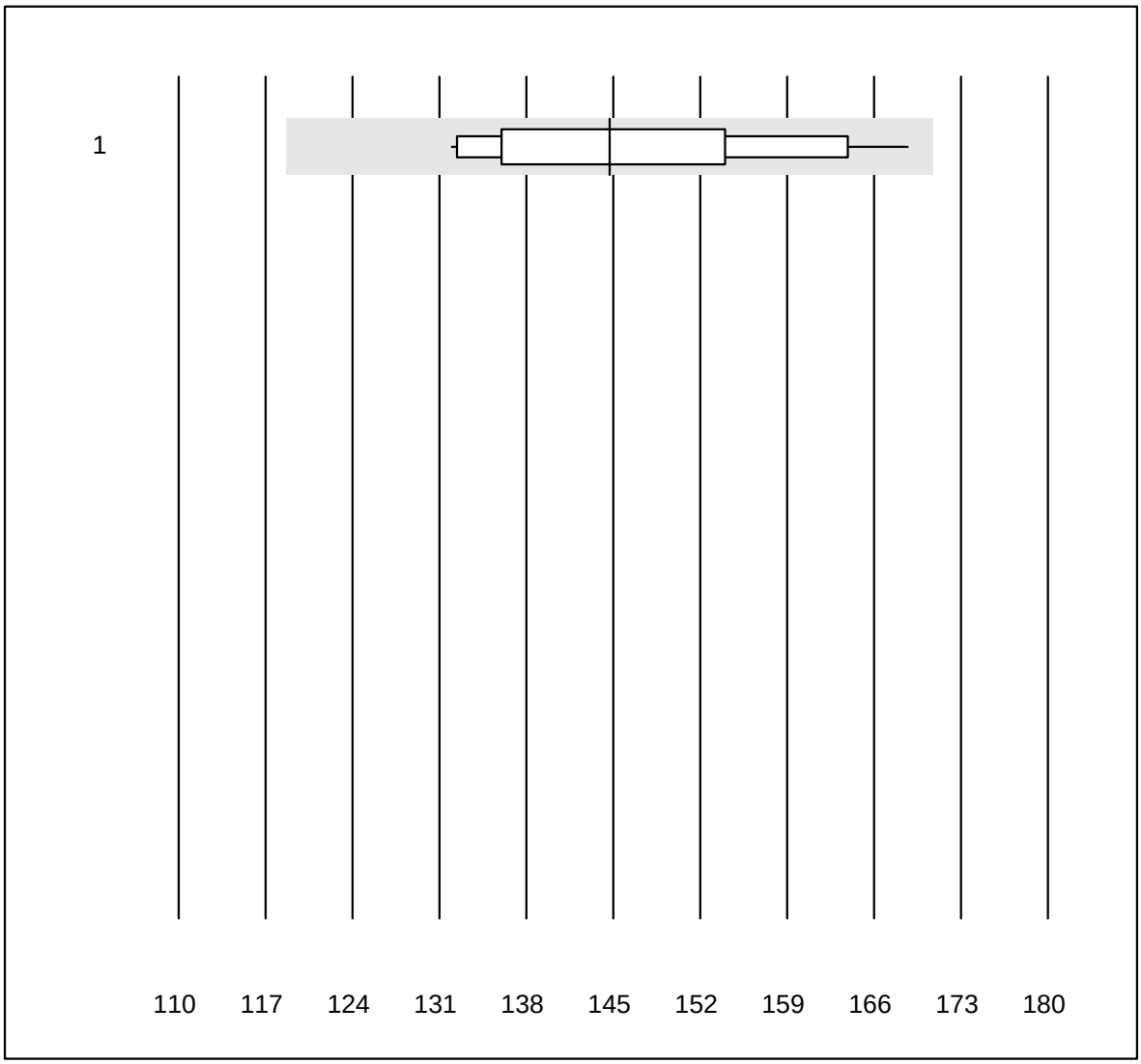


Tolleranza MQ : 30 %

Holotranscobalamine (pmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	13	100.0	0.0	0.0	78.6	10.9	e
2	tutti	7	100.0	0.0	0.0	76.5	3.0	e

Bilirubina totale Neo

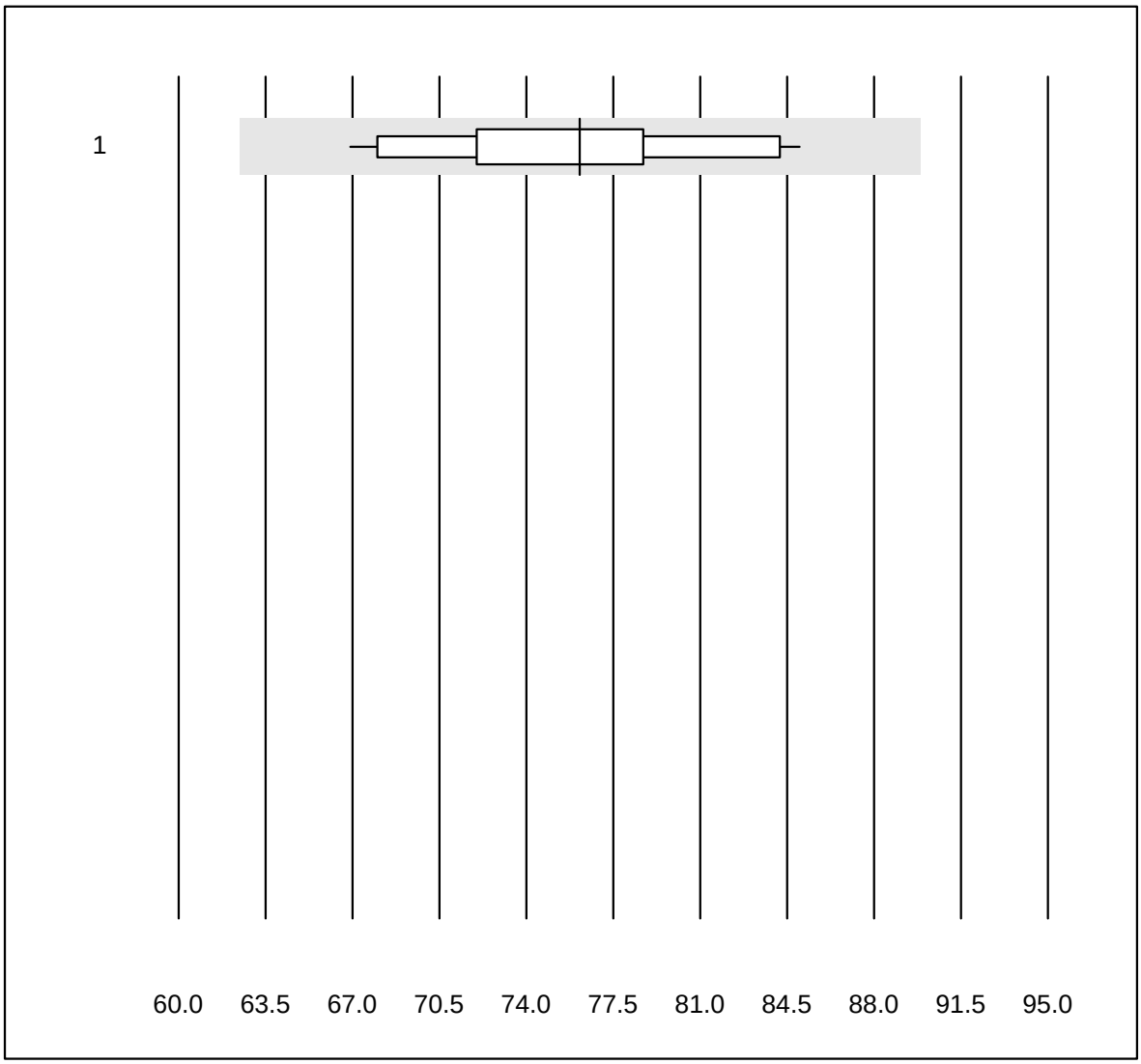


QUALAB Toleranz : 18 %

Bilirubina totale Neo (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	17	100.0	0.0	0.0	145	7.8	e

Bilirubina diretta

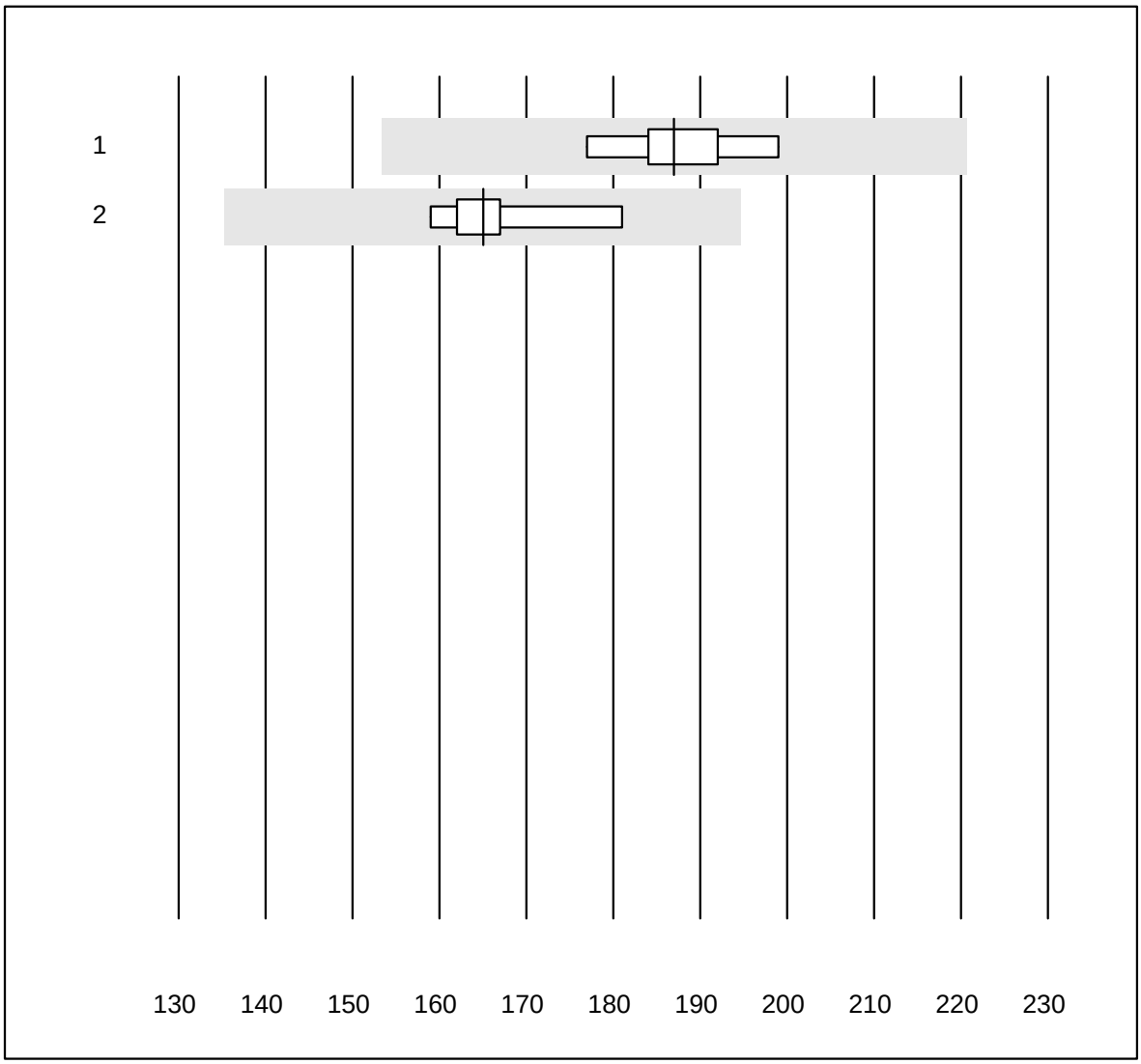


QUALAB Toleranz : 18 %

Bilirubina diretta (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	17	100.0	0.0	0.0	76	7.1	e

Bilirubin neonatale

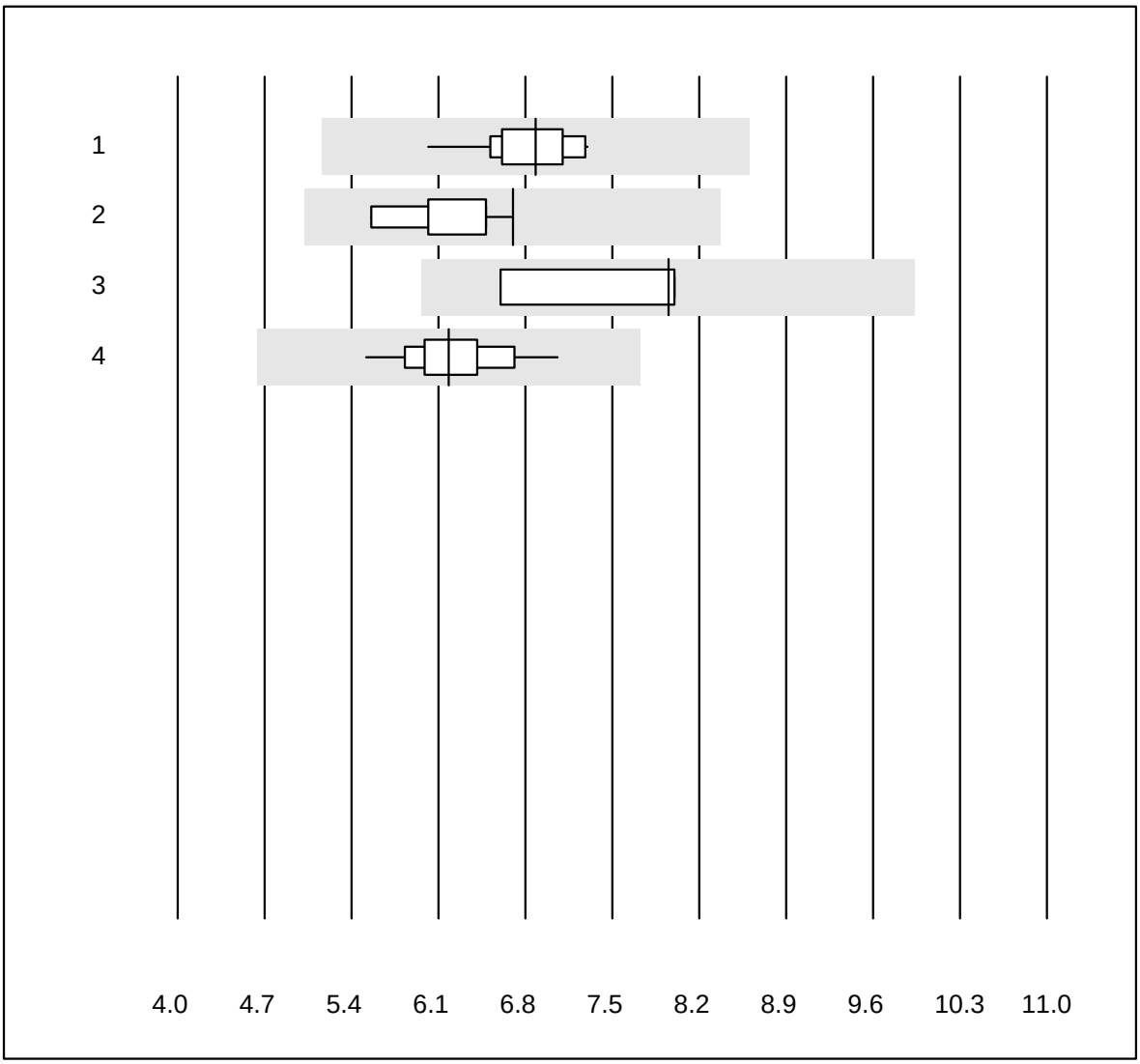


QUALAB Toleranz : 18 %

Bilirubin neonatale (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	9	100.0	0.0	0.0	187	3.4	e
2	ABL700/800	6	100.0	0.0	0.0	165	4.6	e

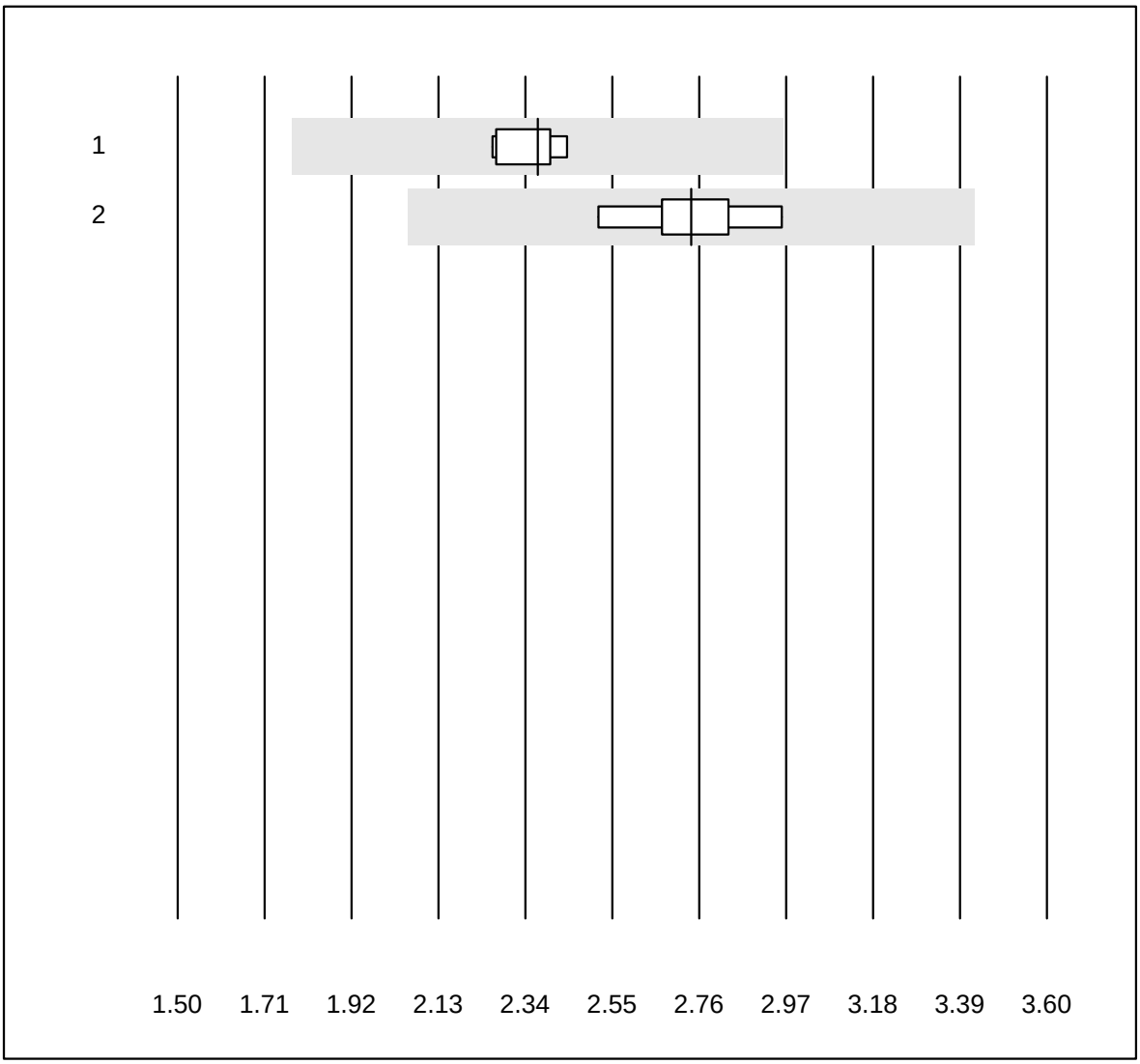
PSA



QUALAB Toleranz : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	12	100.0	0.0	0.0	6.88	5.4	e
2	Architect	10	100.0	0.0	0.0	6.70	5.4	a
3	Qualigen	4	75.0	0.0	25.0	7.95	10.4	e*
4	AFIAS	33	100.0	0.0	0.0	6.18	5.8	a

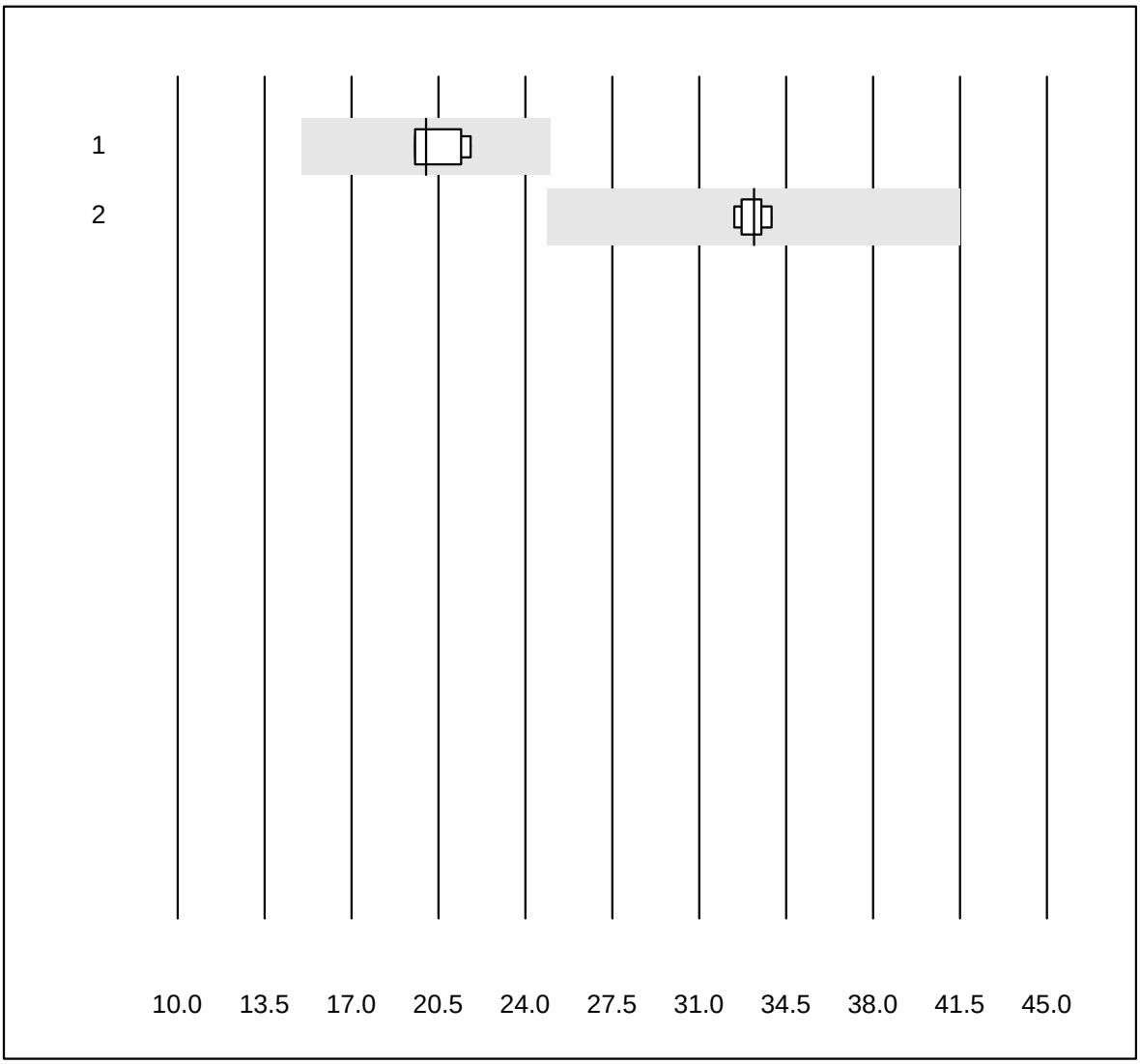
PSA frei



QUALAB Toleranz : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	7	100.0	0.0	0.0	2.37	2.8	e
2	Architect	8	100.0	0.0	0.0	2.74	4.8	a

CEA

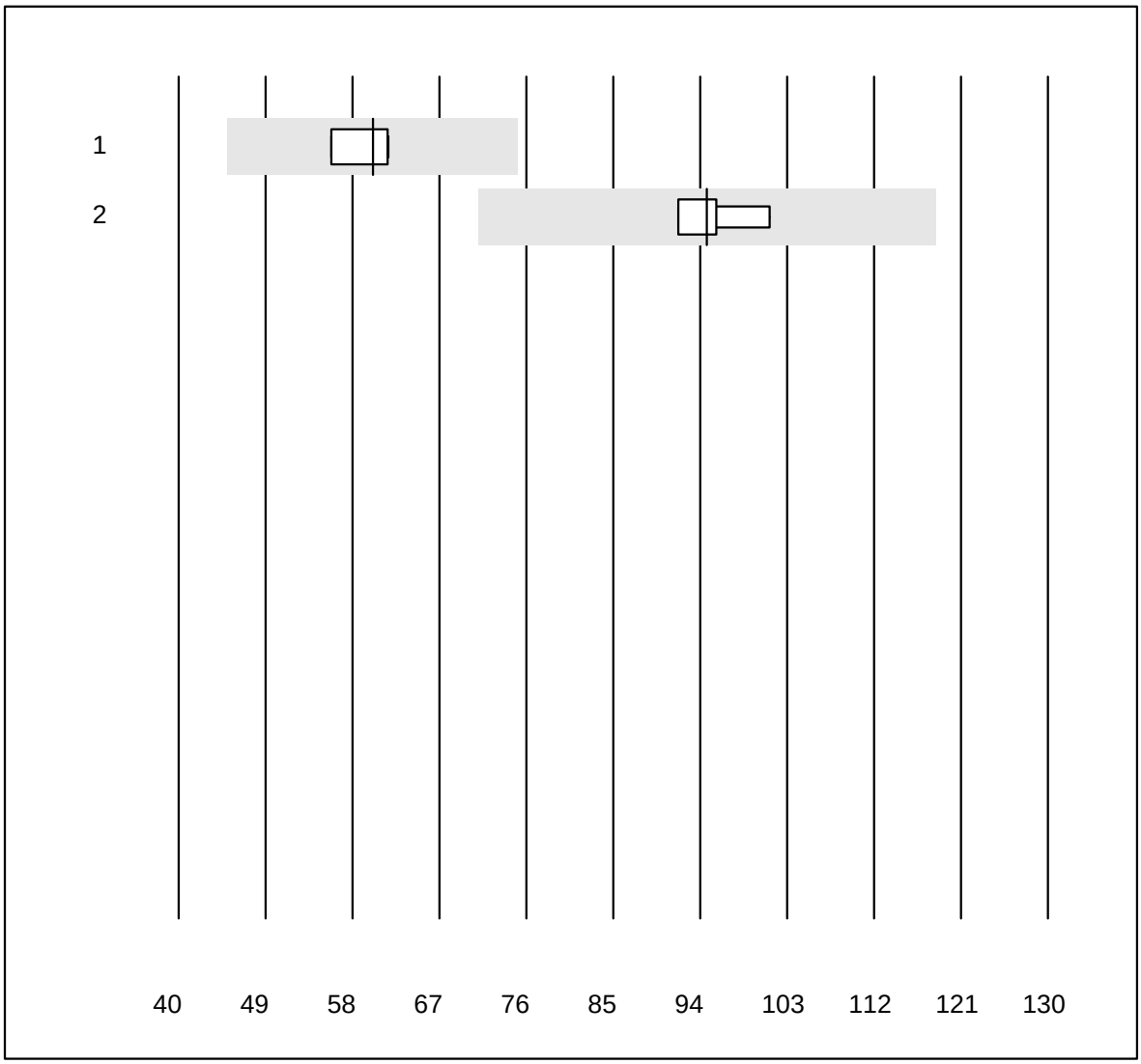


QUALAB Toleranz : 25 %

CEA (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	8	100.0	0.0	0.0	20.0	4.3	a
2	Architect	6	100.0	0.0	0.0	33.2	1.6	e

CA 125

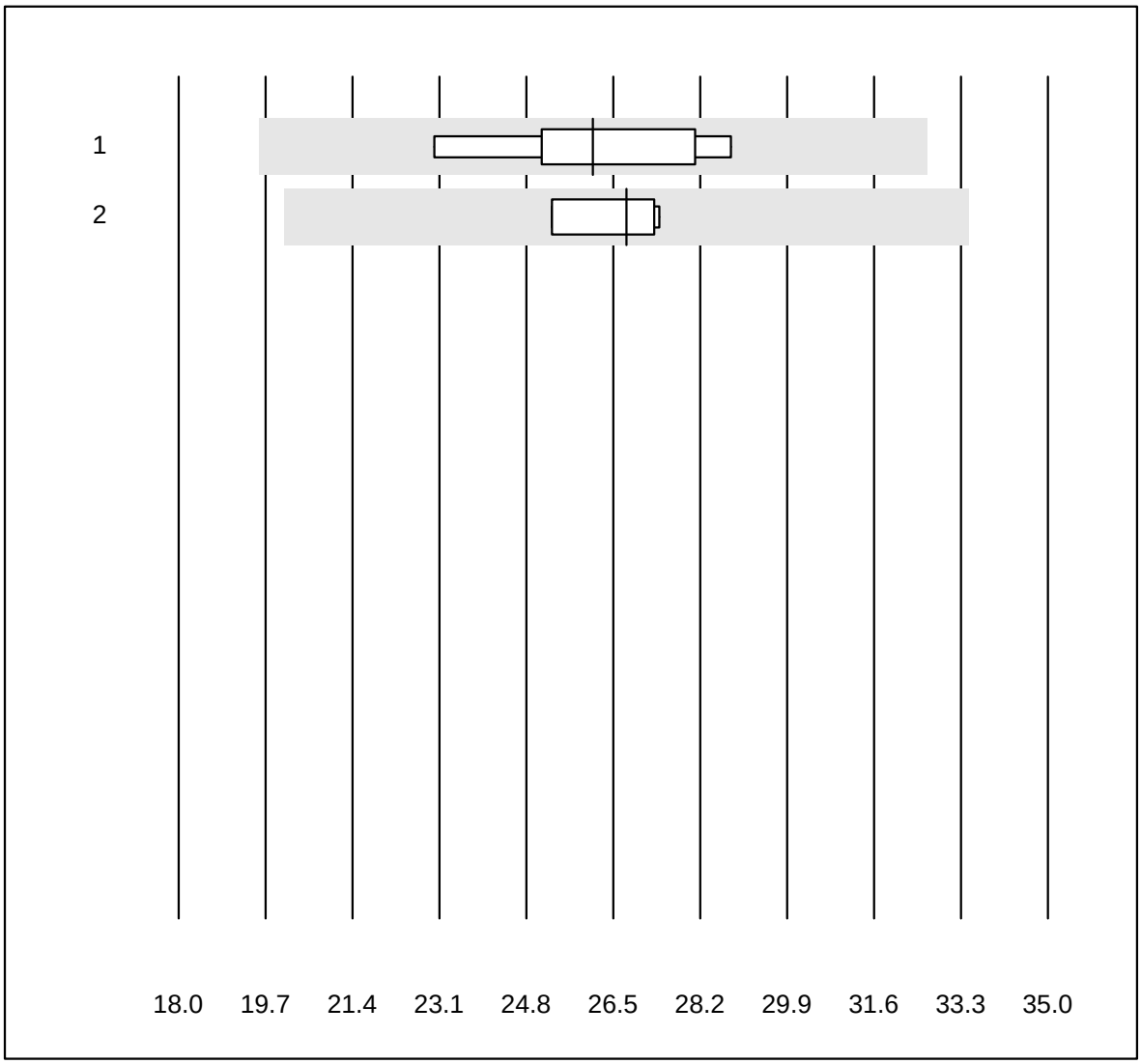


Tolleranza MQ : 25 %

CA 125 (kIU/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	60.1	4.7	e
2	Architect	4	100.0	0.0	0.0	94.7	4.3	e

CA 15-3

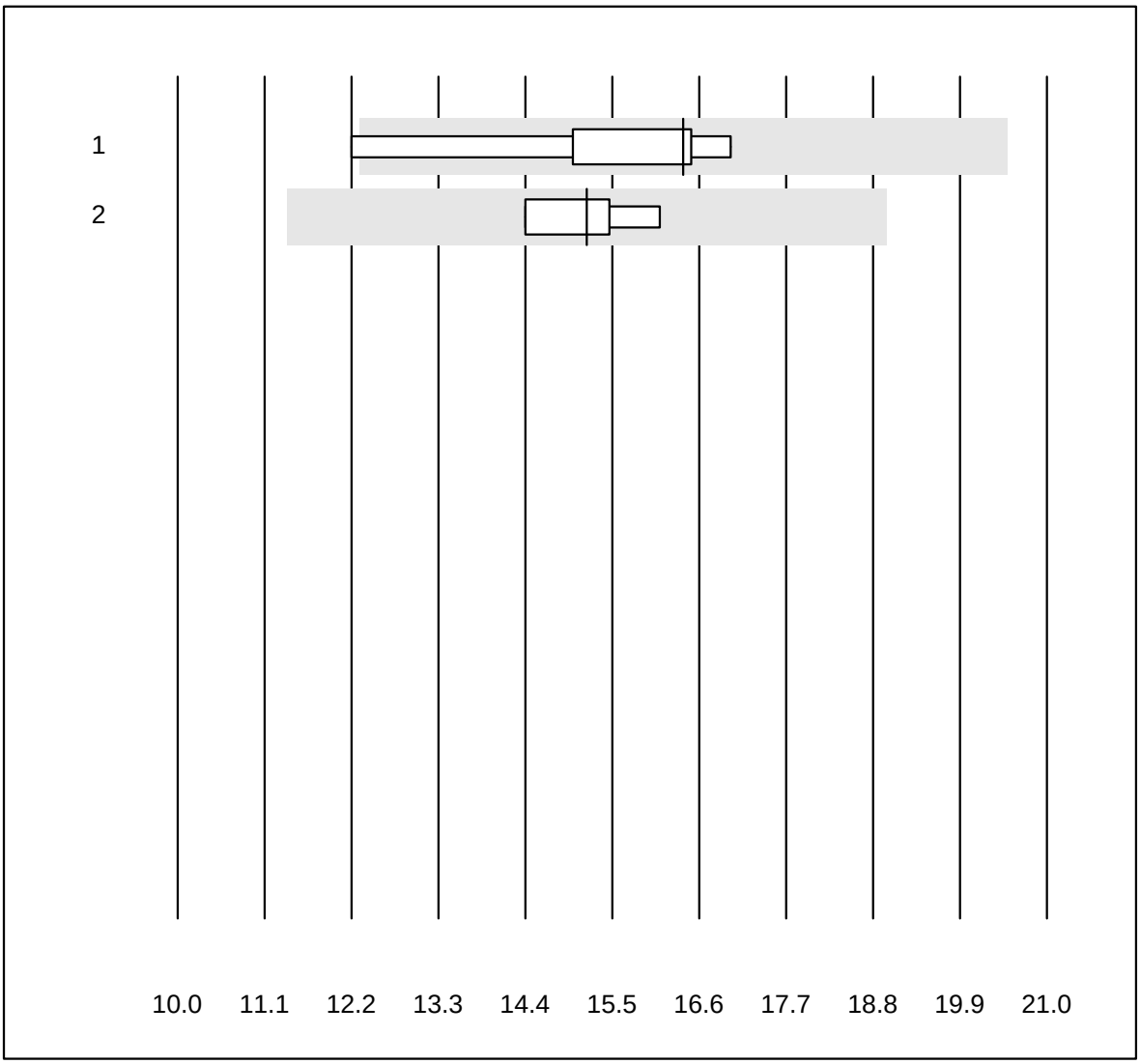


Tolleranza MQ : 25 %

CA 15-3 (kIU/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	26.1	8.9	e*
2	Architect	4	100.0	0.0	0.0	26.8	3.7	e

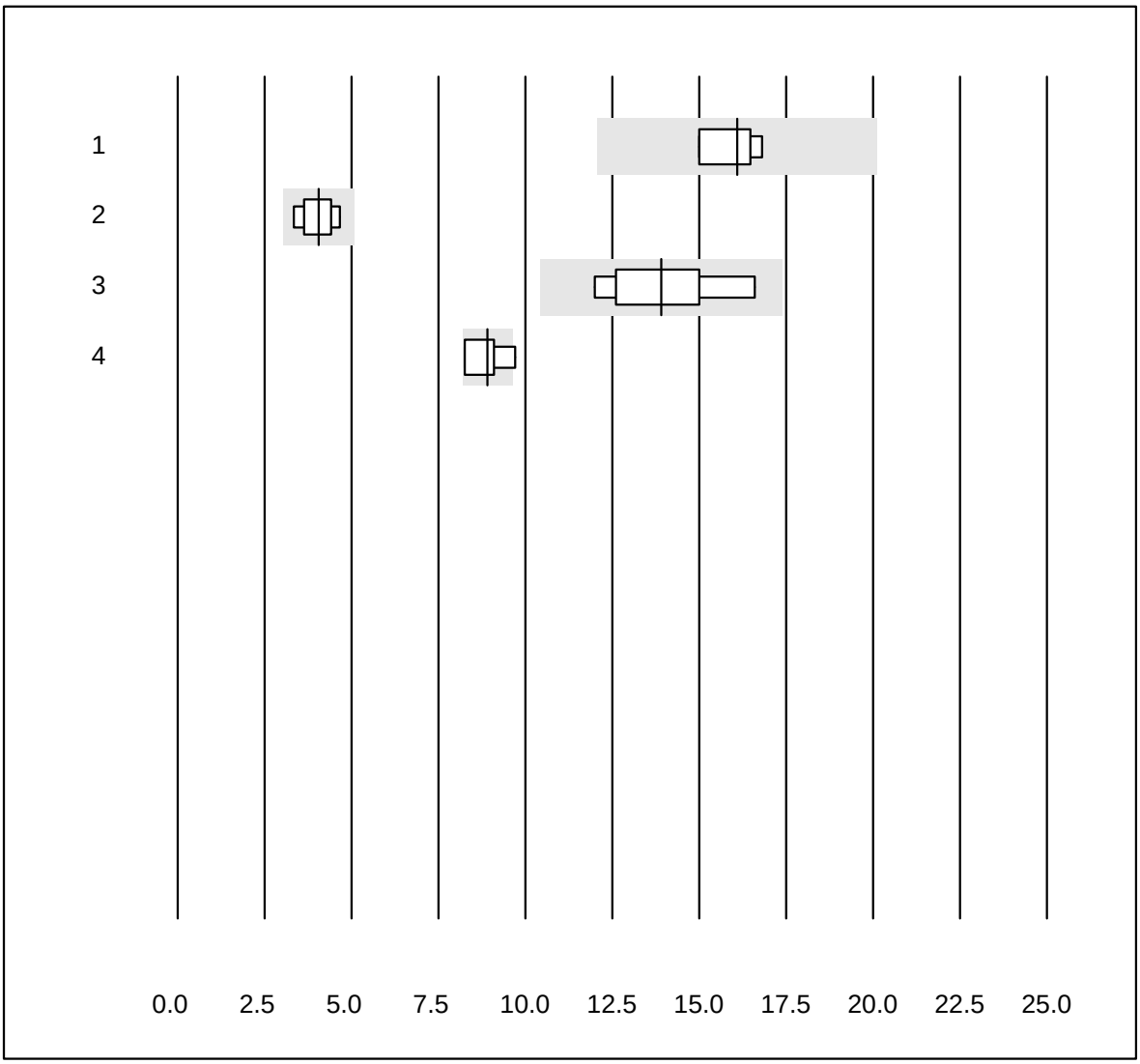
AFP



QUALAB Toleranz : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	5	80.0	20.0	0.0	16.4	12.6	e*
2	Architect	4	100.0	0.0	0.0	15.2	4.8	e

HCG qn

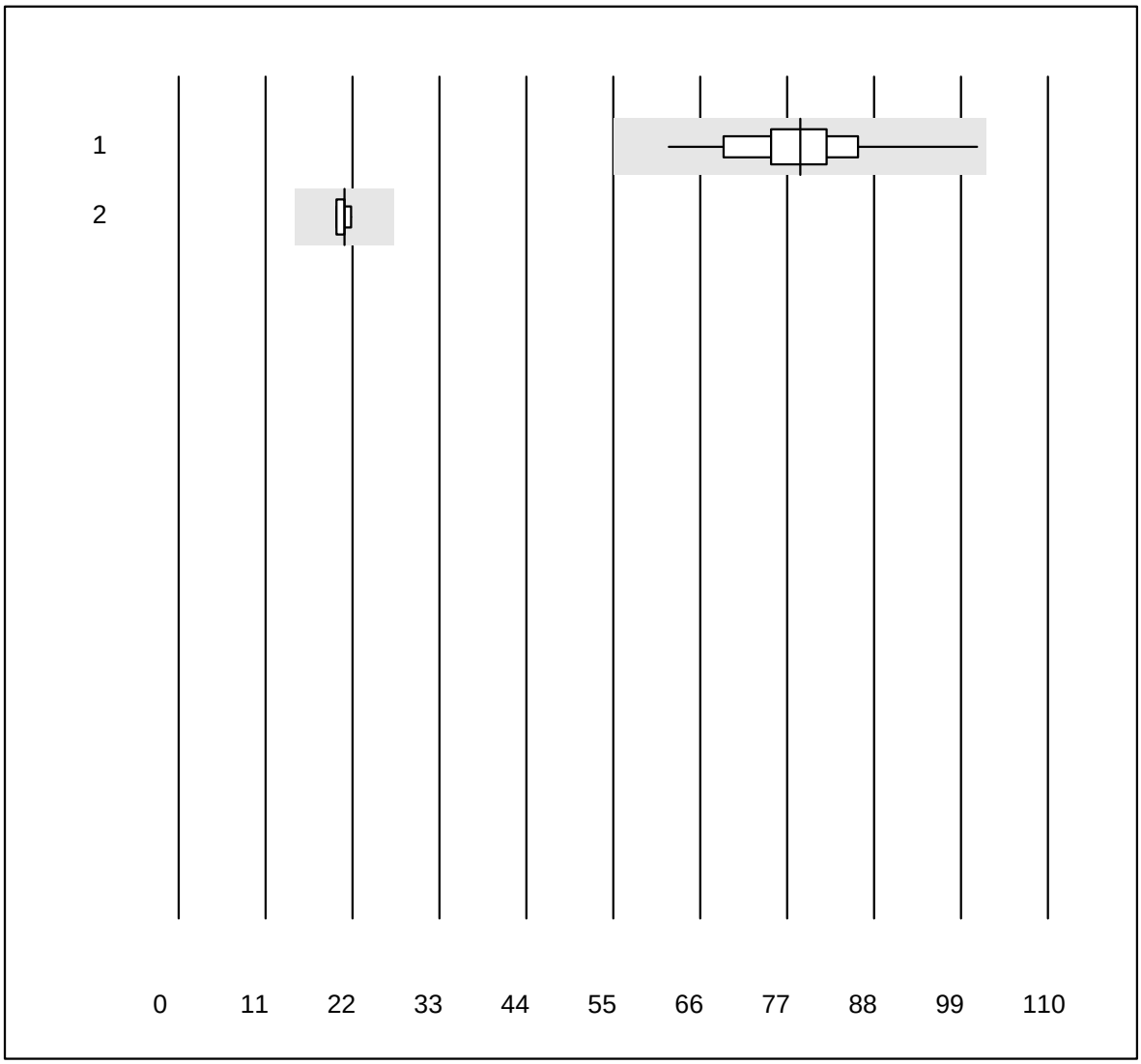


QUALAB Toleranz : 25 %

HCG qn (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	16.1	4.8	e
2	VIDAS	8	100.0	0.0	0.0	4.1	11.8	a
3	Architect	7	85.7	0.0	14.3	13.9	12.2	a
4	AFIAS	11	27.3	9.1	63.6	8.9	7.6	a

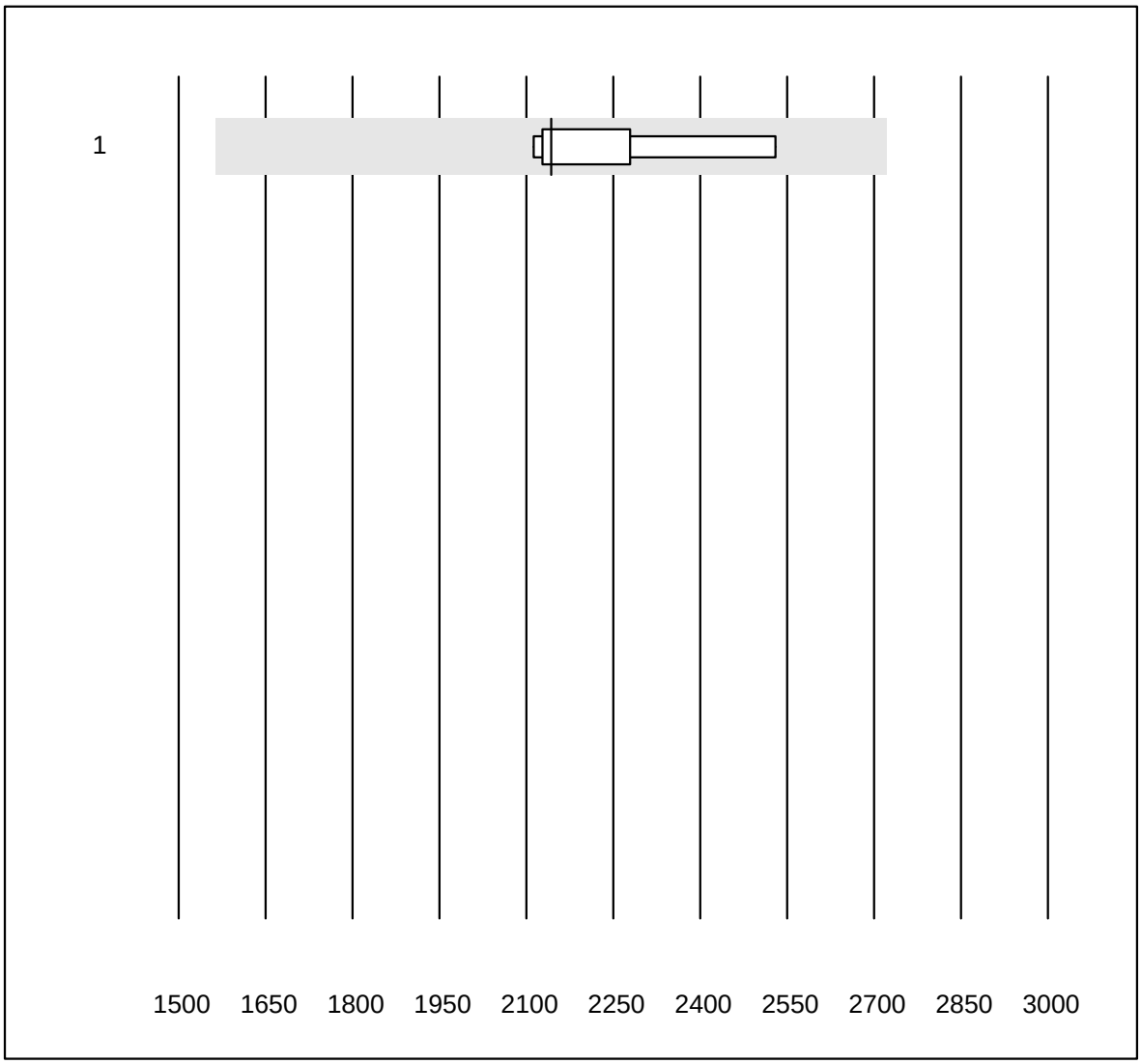
CK-MB



Tolleranza MQ : 30 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Fuji Dri-Chem	32	96.9	0.0	3.1	78.7	9.7	e
2	Cobas/Roche	4	100.0	0.0	0.0	21.0	3.5	e

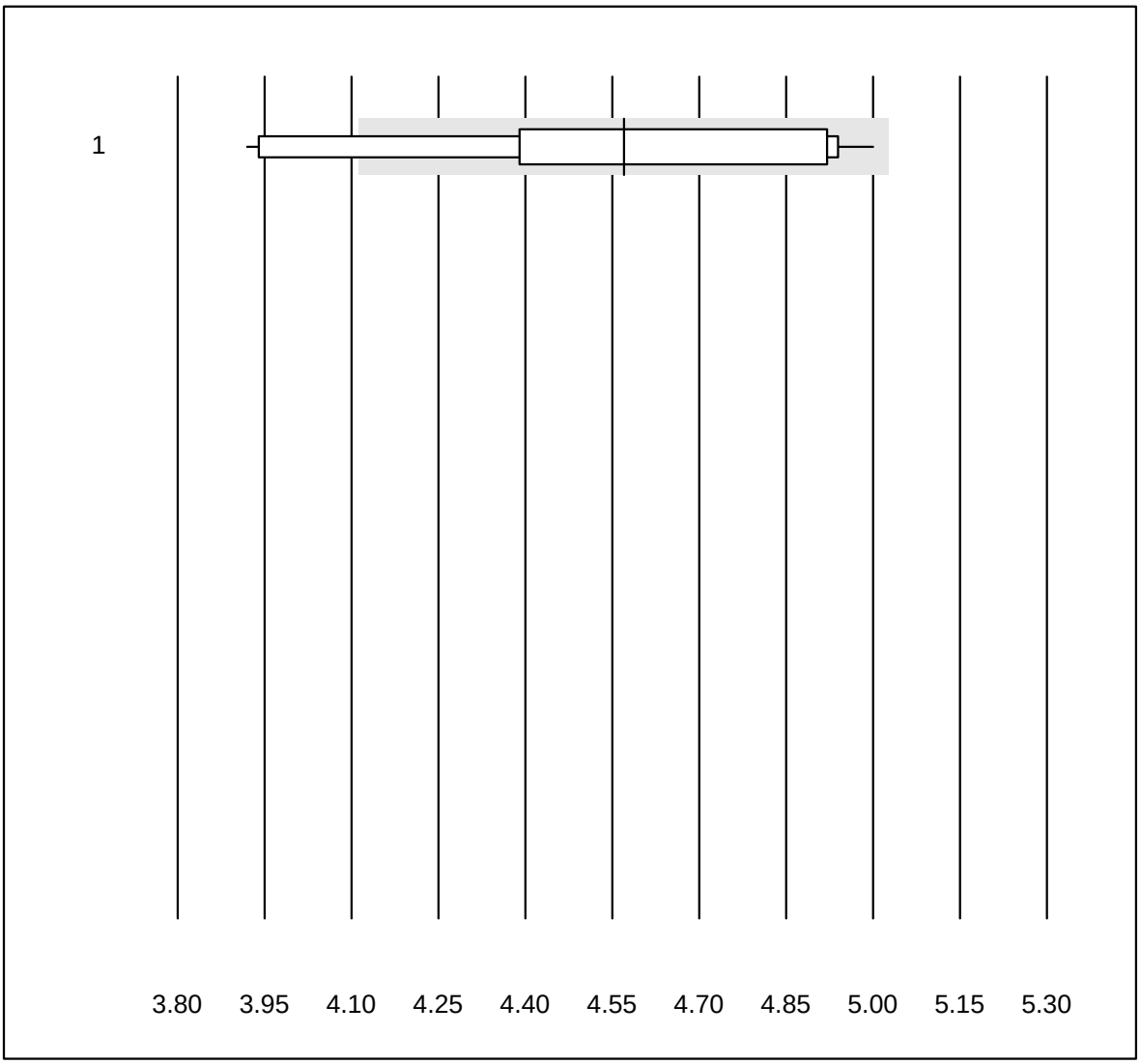
BNP



QUALAB Toleranz : 27 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	5	100.0	0.0	0.0	2142.9	7.9	e*

Cholesterin PTS

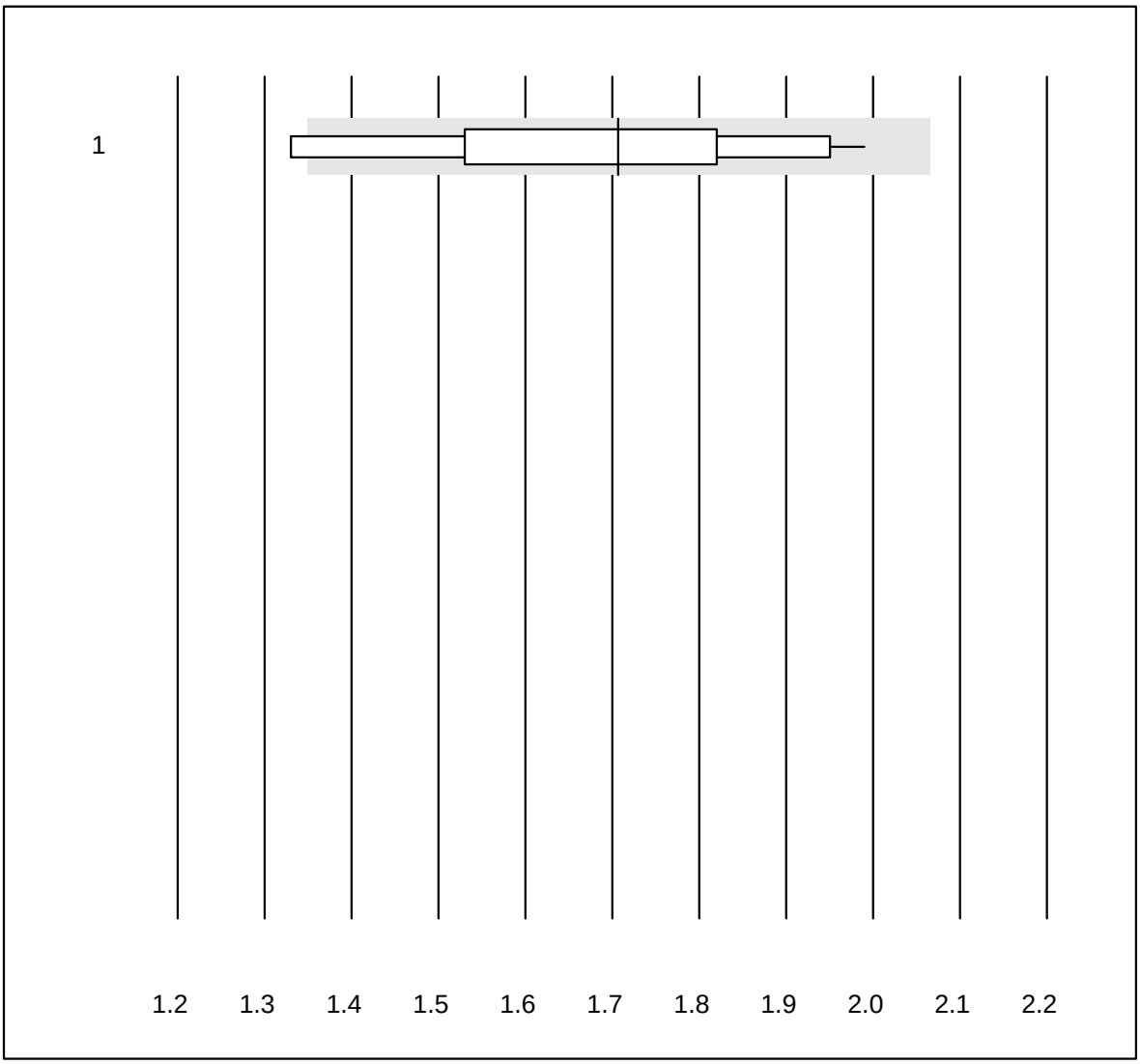


QUALAB Toleranz : 10 %

Cholesterin PTS (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CardioChek	11	81.8	18.2	0.0	4.57	8.0	e*

Cholesterin HDL PTS

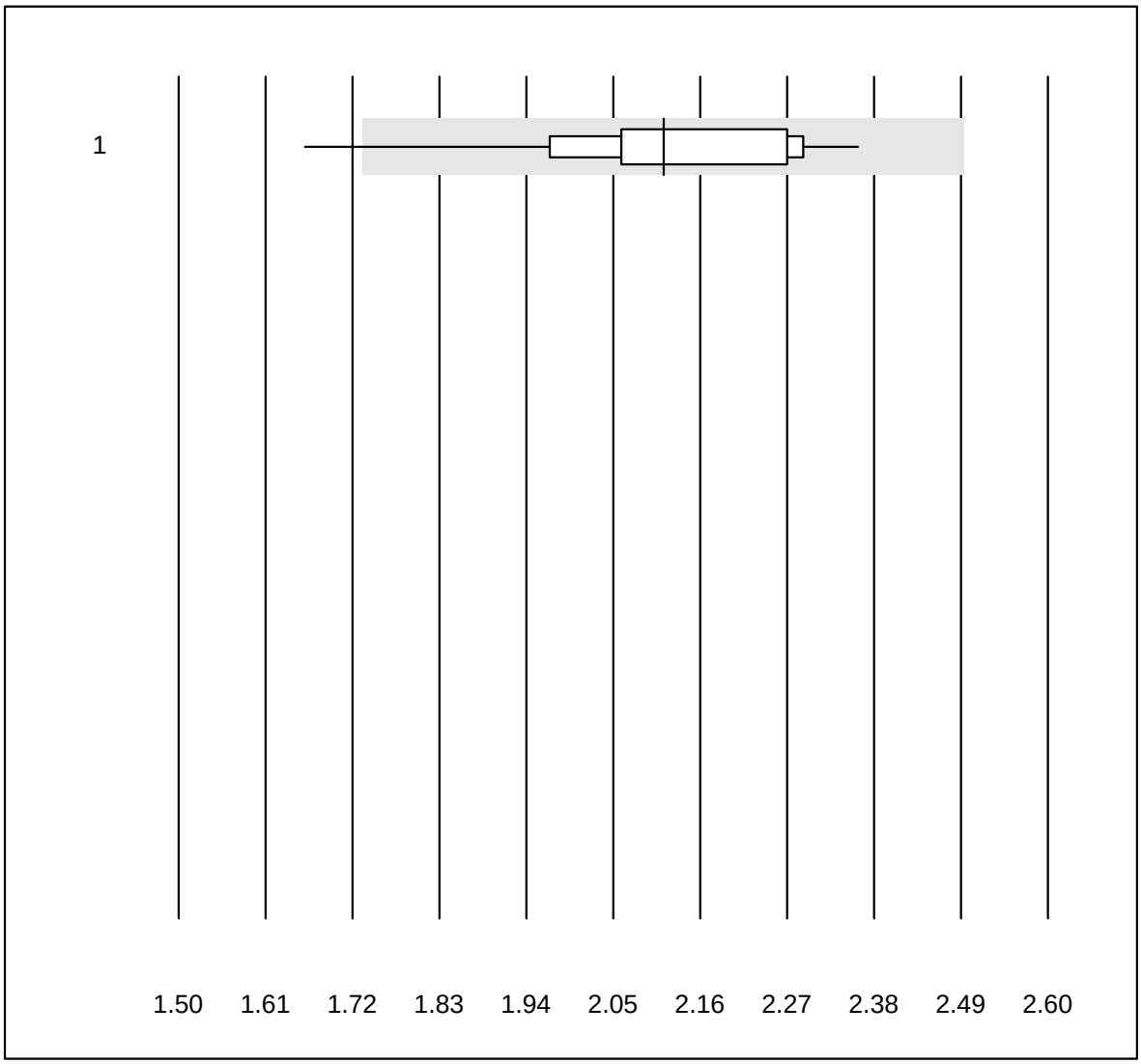


QUALAB Toleranz : 21 %

Cholesterin HDL PTS (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CardioChek	11	81.8	9.1	9.1	1.71	12.3	e*

Triglyceride PTS

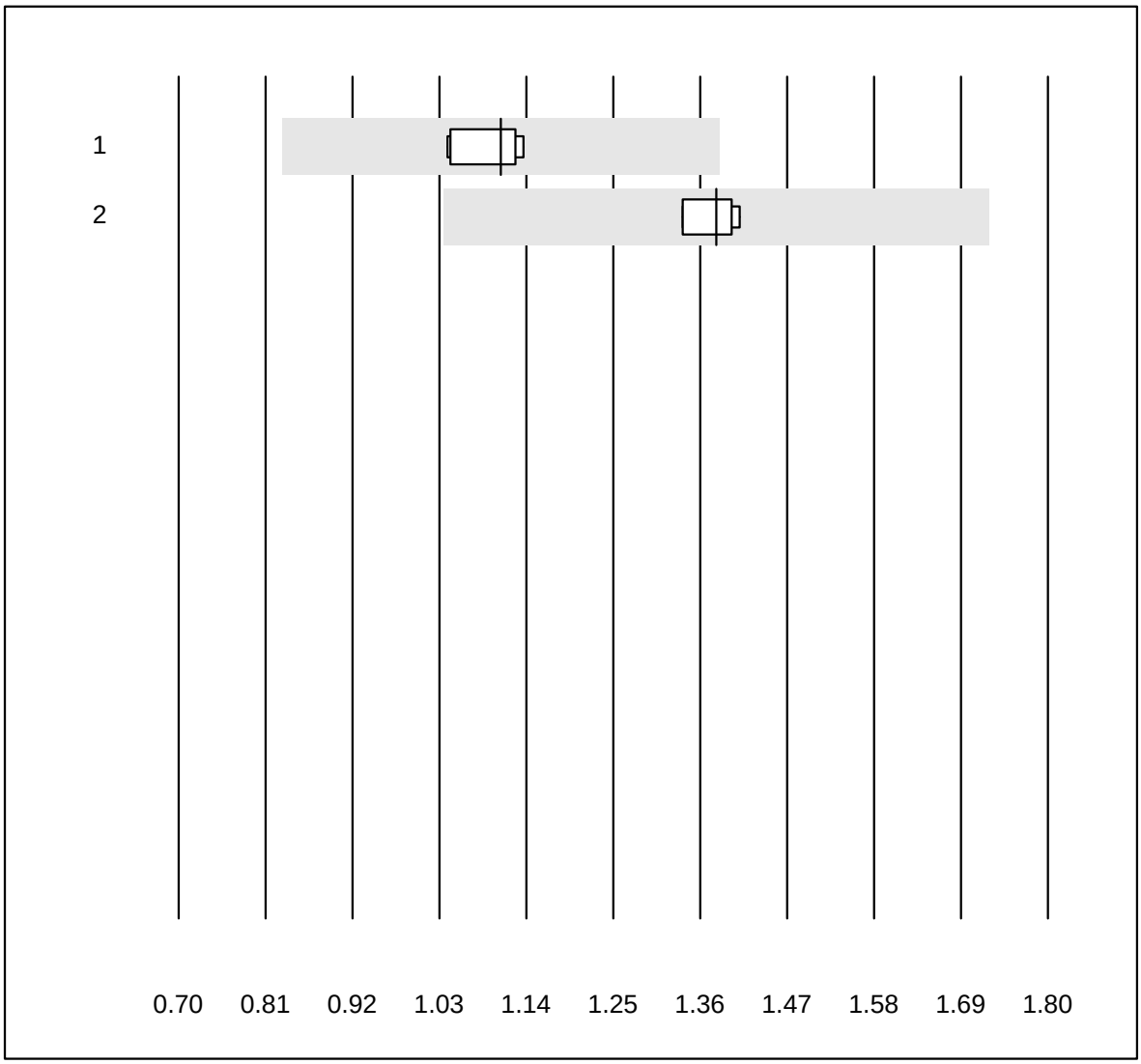


QUALAB Toleranz : 18 %

Triglyceride PTS (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CardioChek	11	90.9	9.1	0.0	2.11	8.9	e*

C-Peptid

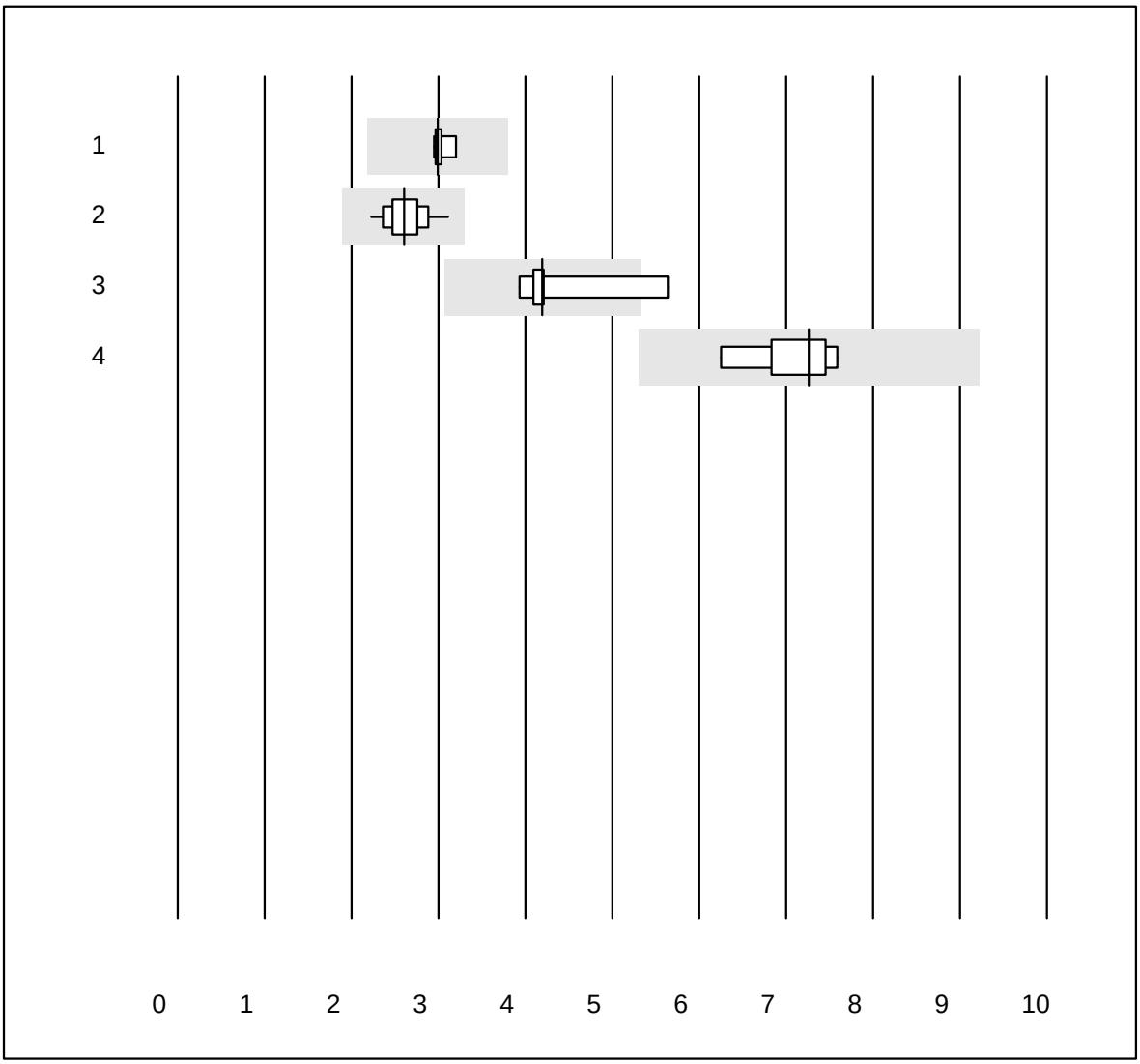


Tolleranza MQ : 25 %

C-Peptid (nmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	5	100.0	0.0	0.0	1.1	4.2	e
2	Liaison	4	100.0	0.0	0.0	1.4	2.4	e

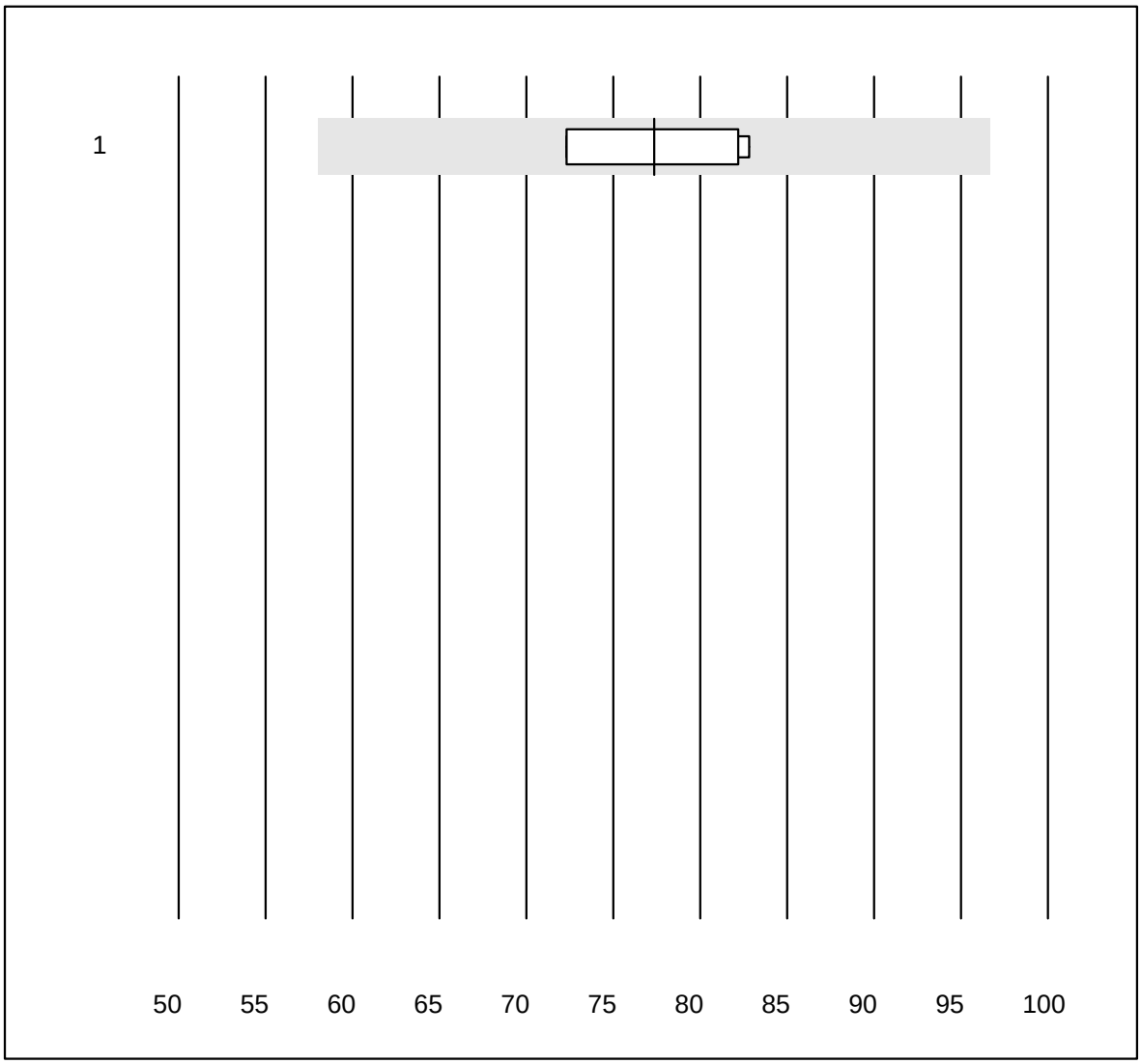
Procalcitonina



QUALAB Toleranz : 27 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	5	100.0	0.0	0.0	2.99	3.3	e
2	VIDAS	18	94.4	0.0	5.6	2.60	8.4	e
3	altro	5	80.0	20.0	0.0	4.20	15.7	e*
4	Liaison	6	100.0	0.0	0.0	7.26	7.0	e

EPO

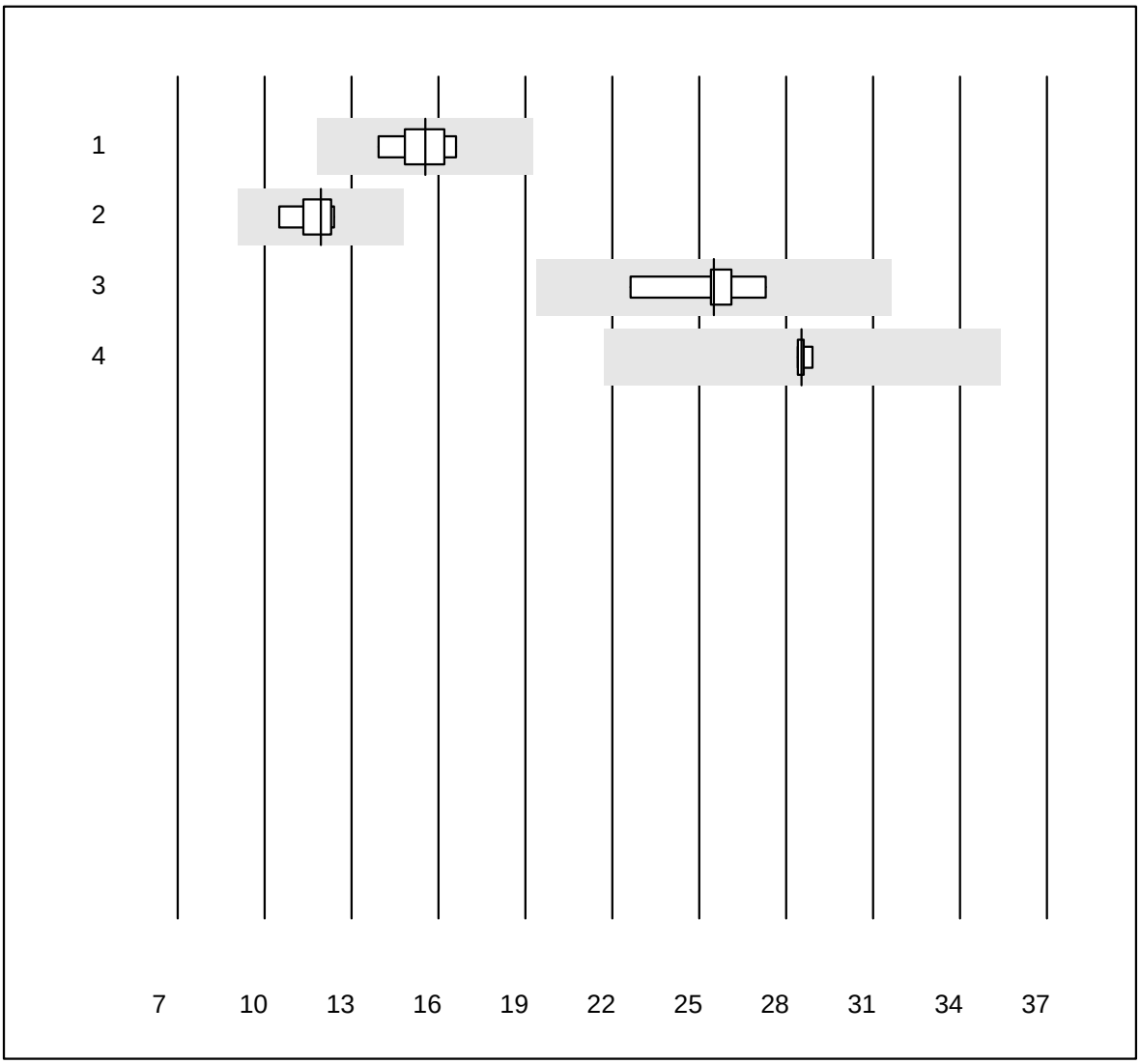


Tolleranza MQ : 25 %

EPO (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Immulite	4	100.0	0.0	0.0	77.4	7.5	e*

Parathormon

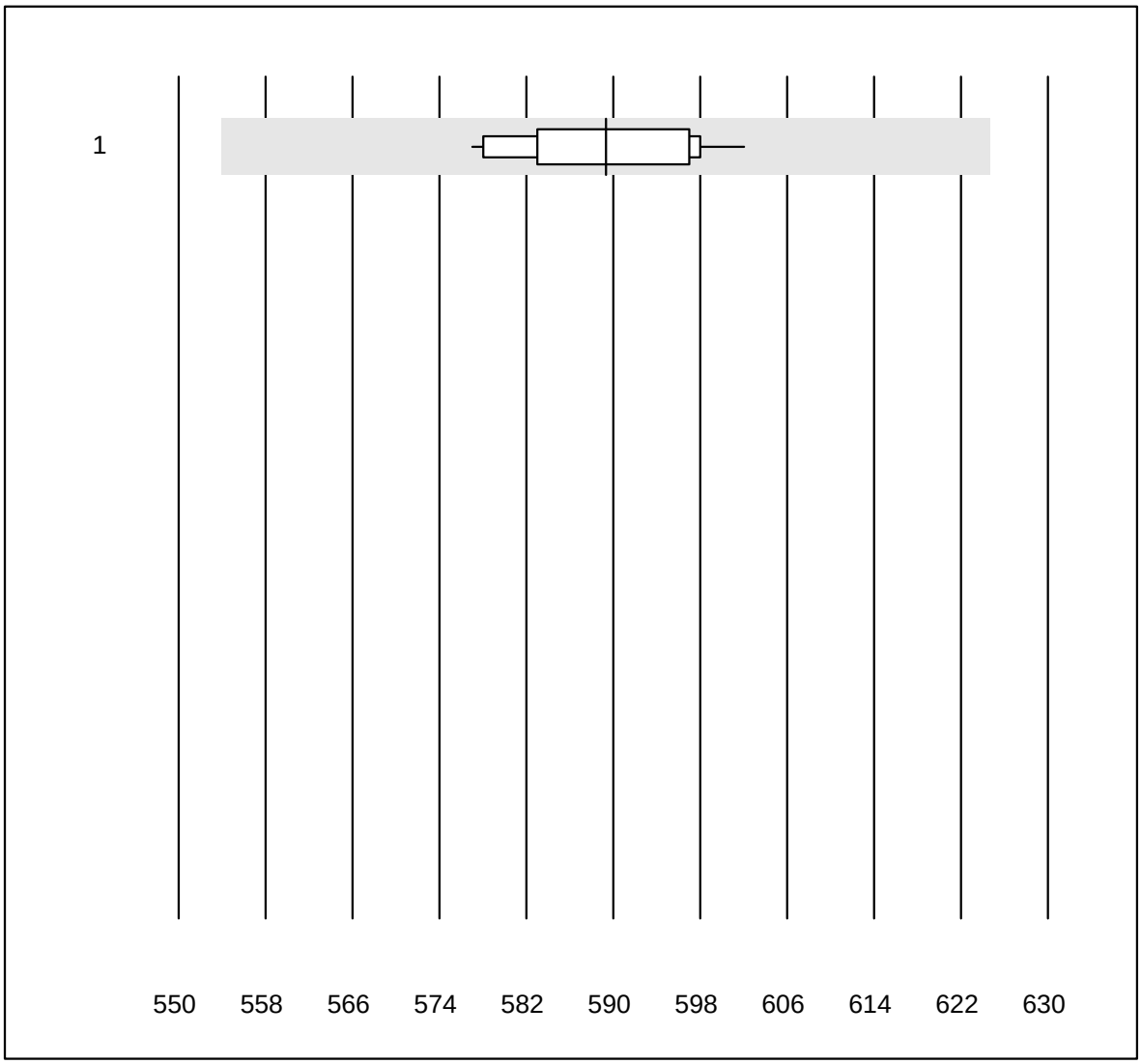


QUALAB Toleranz : 24 %

Parathormon (pmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas PTH STAT	6	100.0	0.0	0.0	15.5	6.2	e
2	Cobas	6	100.0	0.0	0.0	11.9	6.1	e
3	Architect	5	100.0	0.0	0.0	25.5	6.8	e*
4	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	28.5	0.8	e

Osmolalità

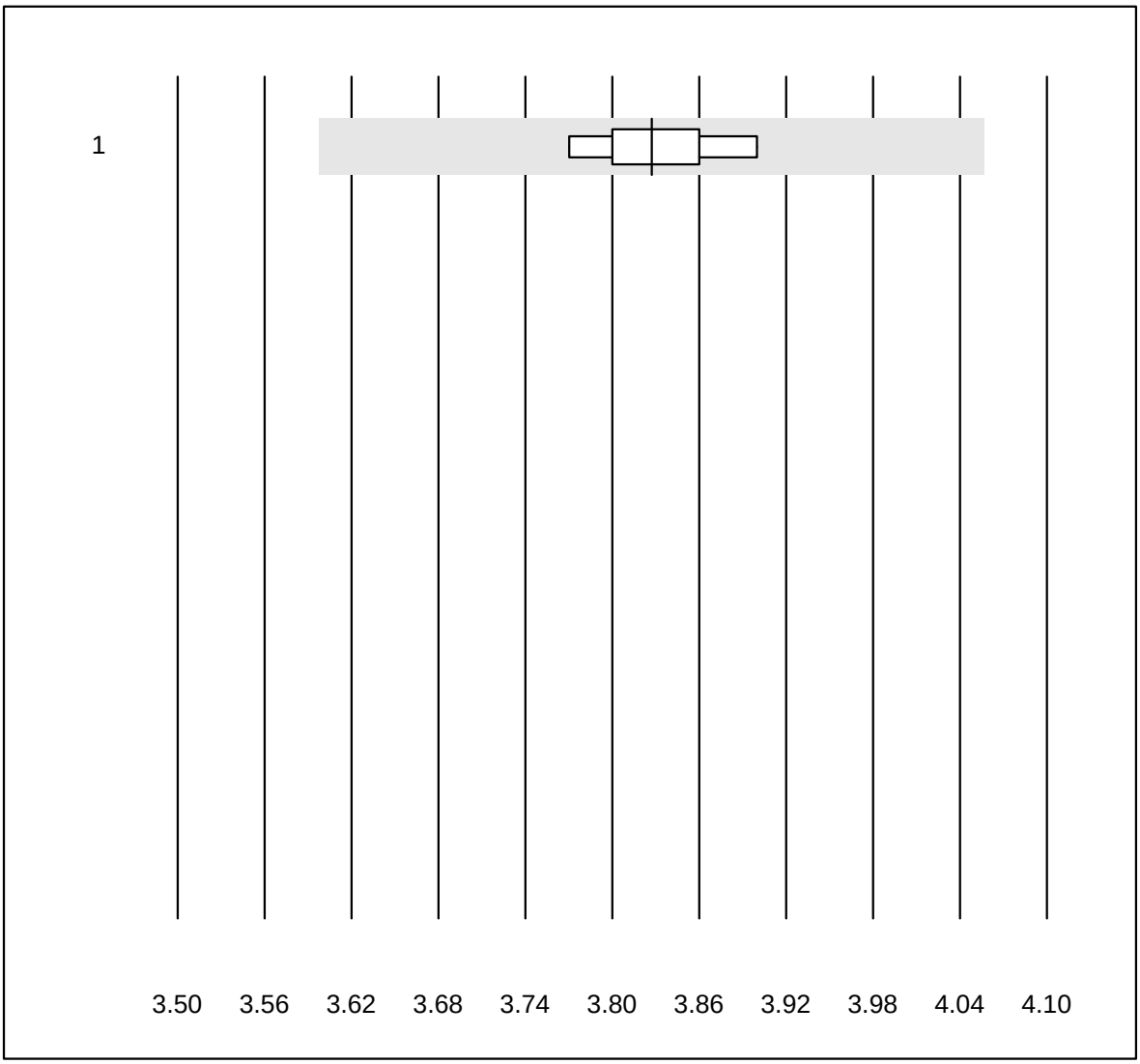


QUALAB Toleranz : 6 %

Osmolalità (mosm/kg)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cryoscopie	15	100.0	0.0	0.0	589	1.4	e

Kalium-K22

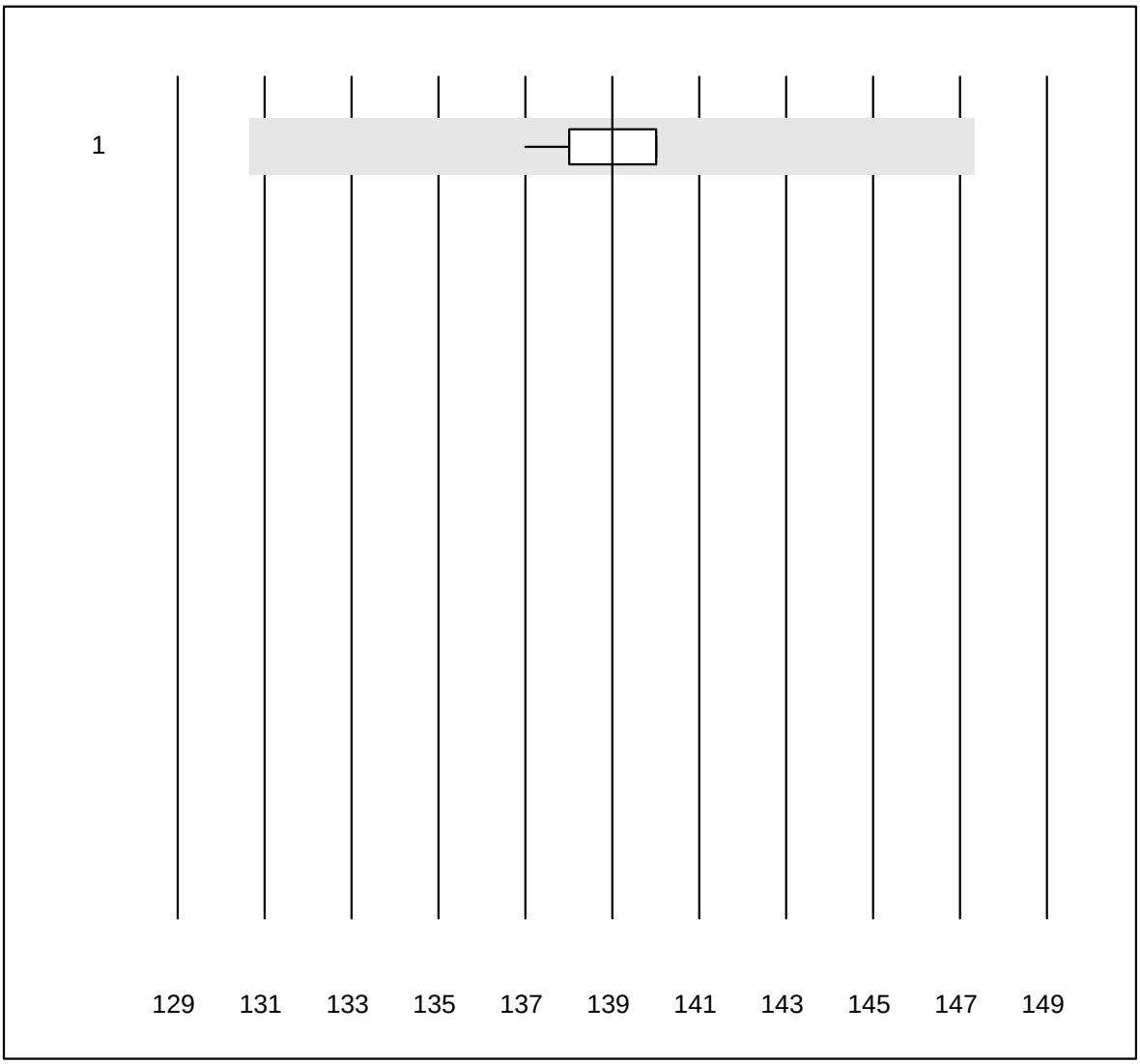


QUALAB Toleranz : 6 %

Kalium-K22 (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	11	90.9	0.0	9.1	3.8	1.2	e

Natrium-K22

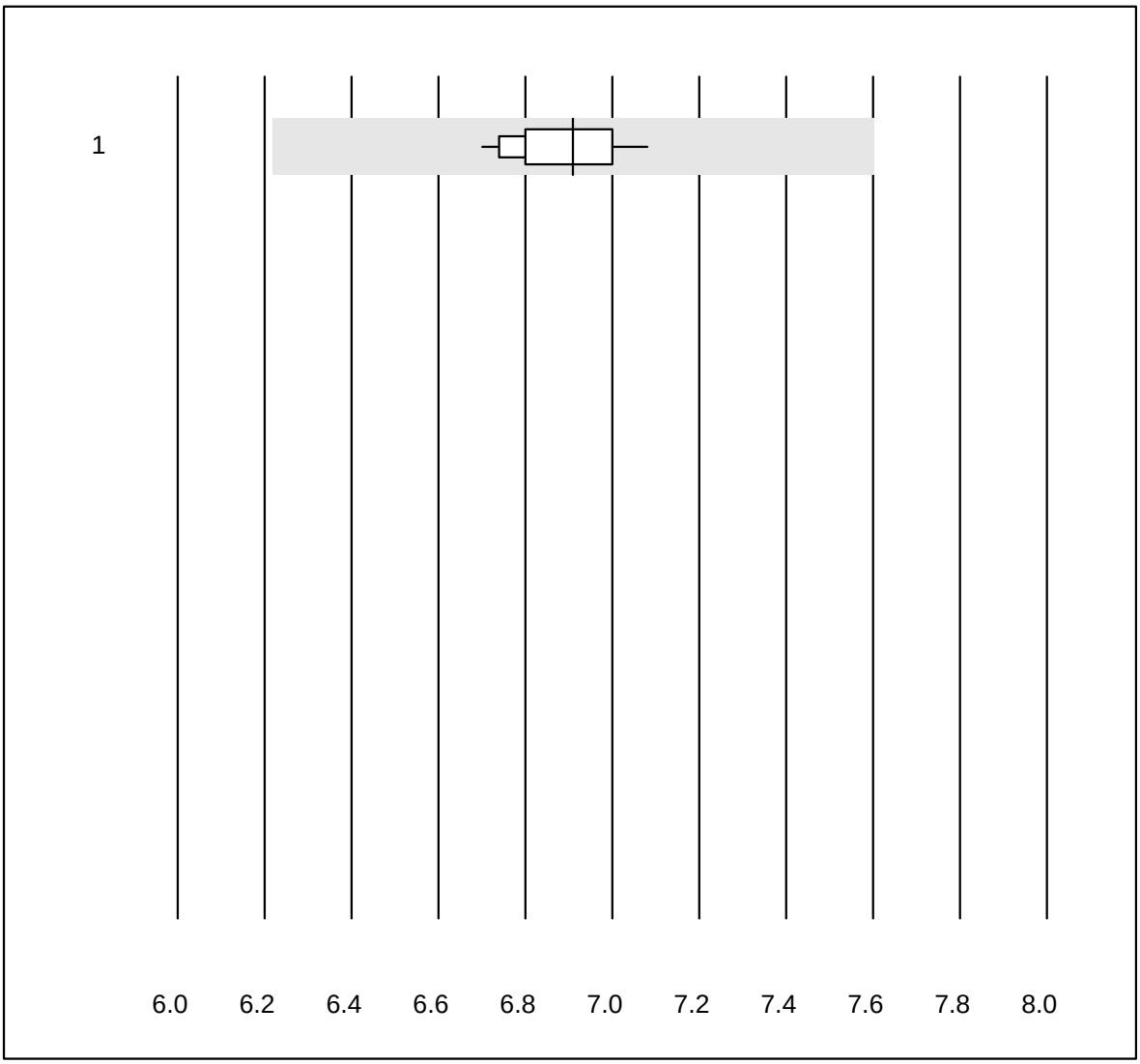


QUALAB Toleranz : 6 %

Natrium-K22 (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	11	100.0	0.0	0.0	139	0.7	e

Glukose-K22

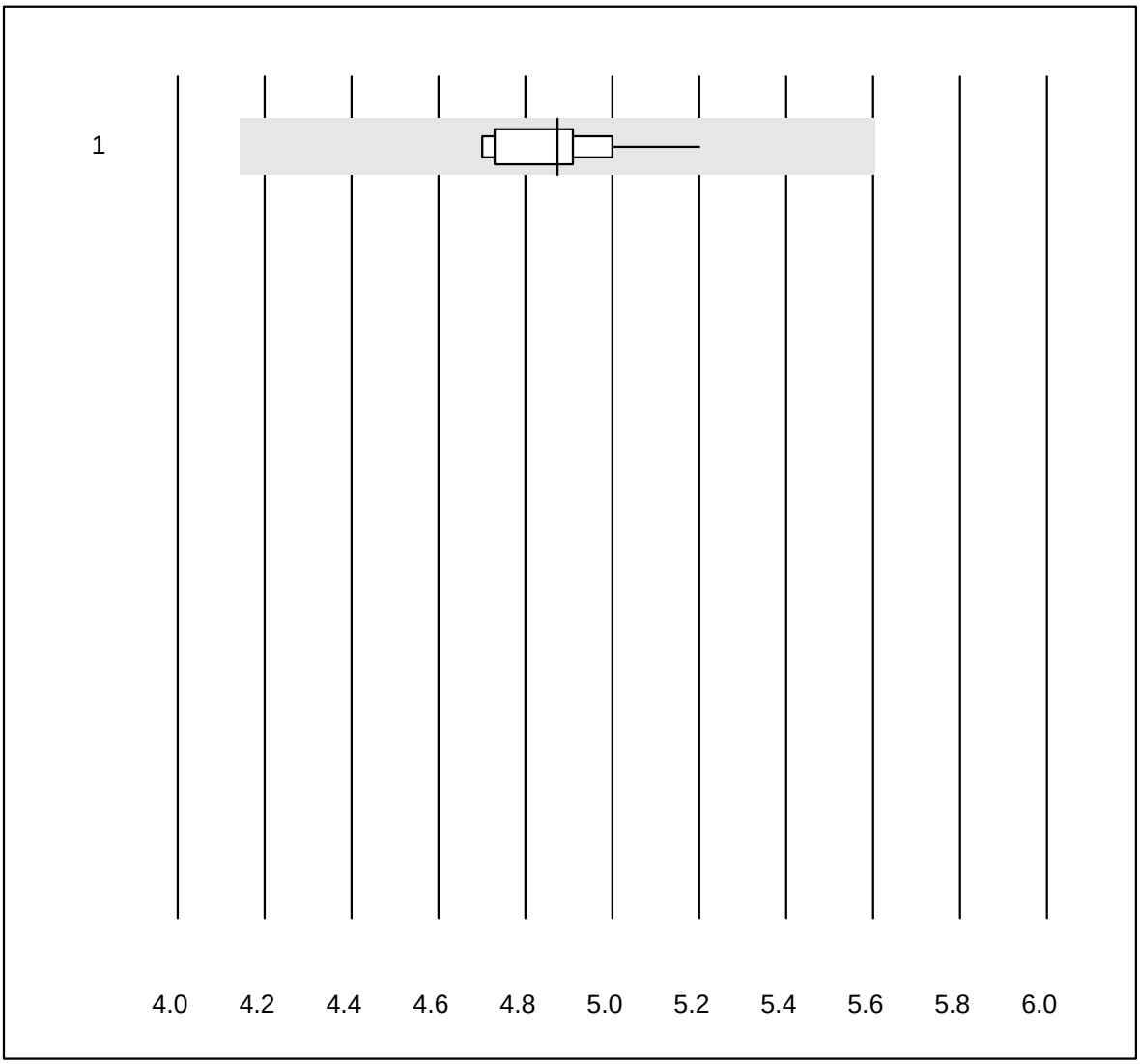


QUALAB Toleranz : 10 %

Glukose-K22 (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	11	100.0	0.0	0.0	6.9	1.7	e

Harnstoff-K22

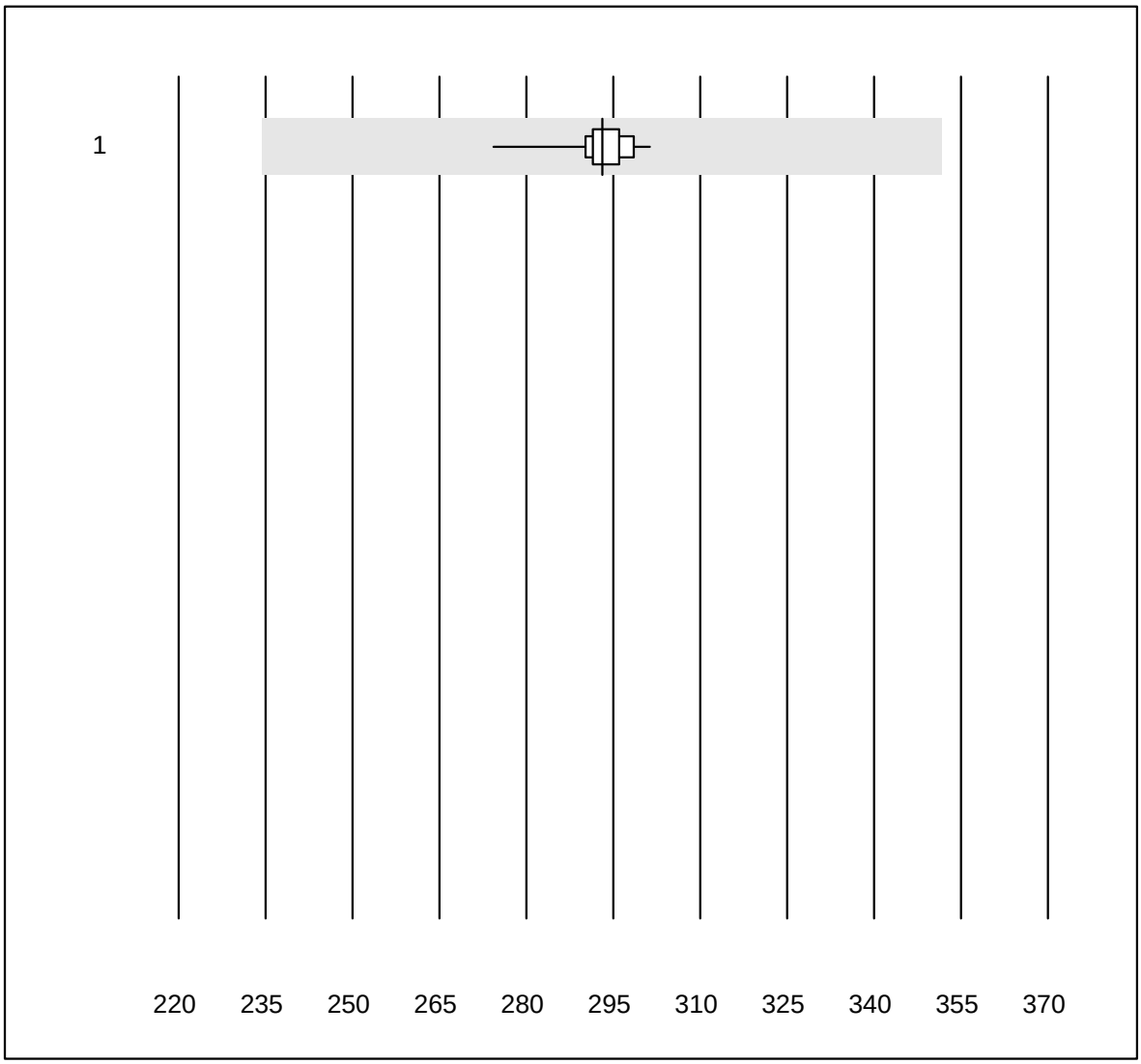


QUALAB Toleranz : 15 %

Harnstoff-K22 (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	11	90.9	0.0	9.1	4.9	3.2	e

Osmotische Lücke

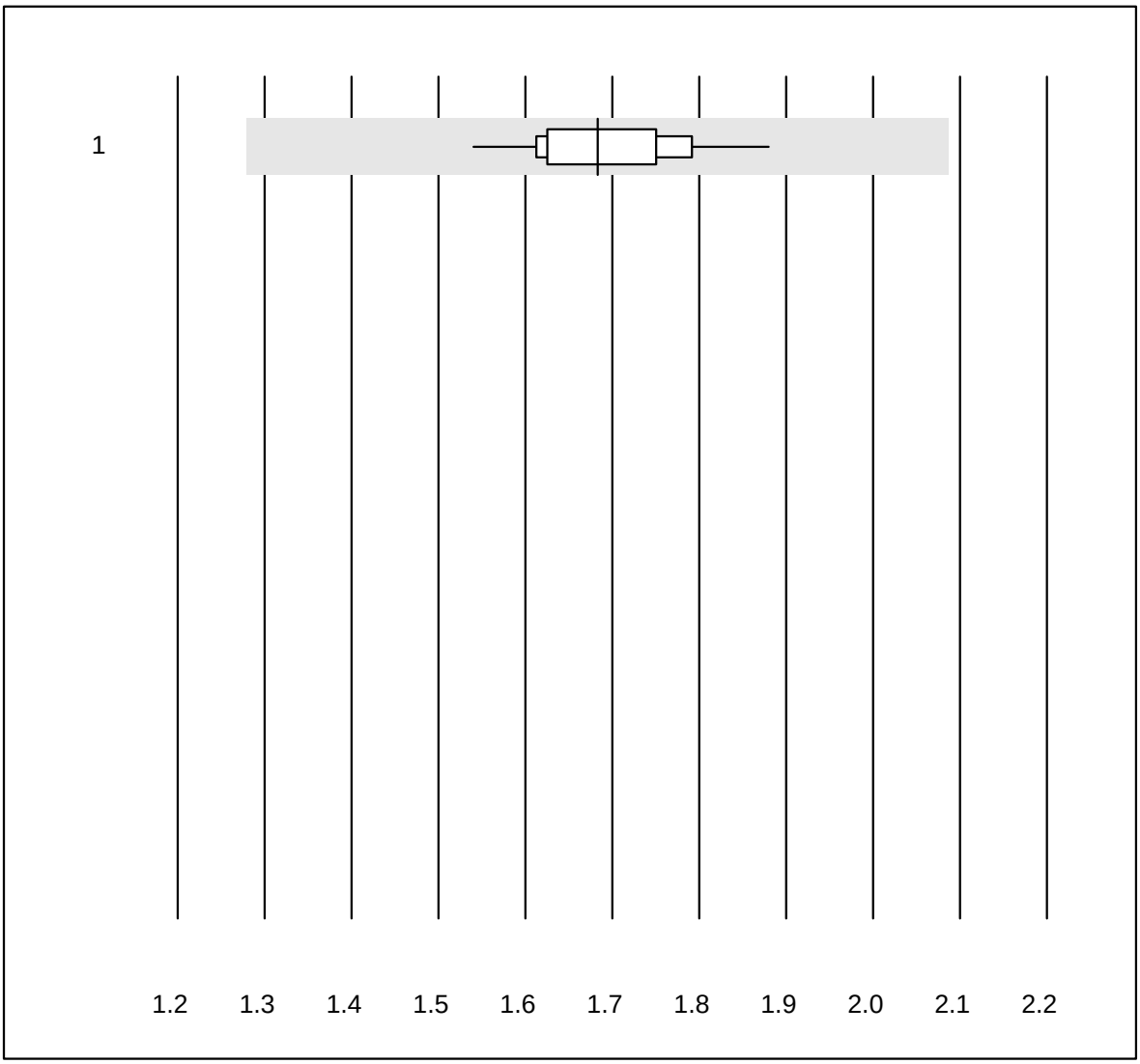


Tolleranza MQ : 20 %

Osmotische Lücke (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Formel 1 (2Na+K+Glu+	11	100.0	0.0	0.0	293.1	2.4	e

Digoxin

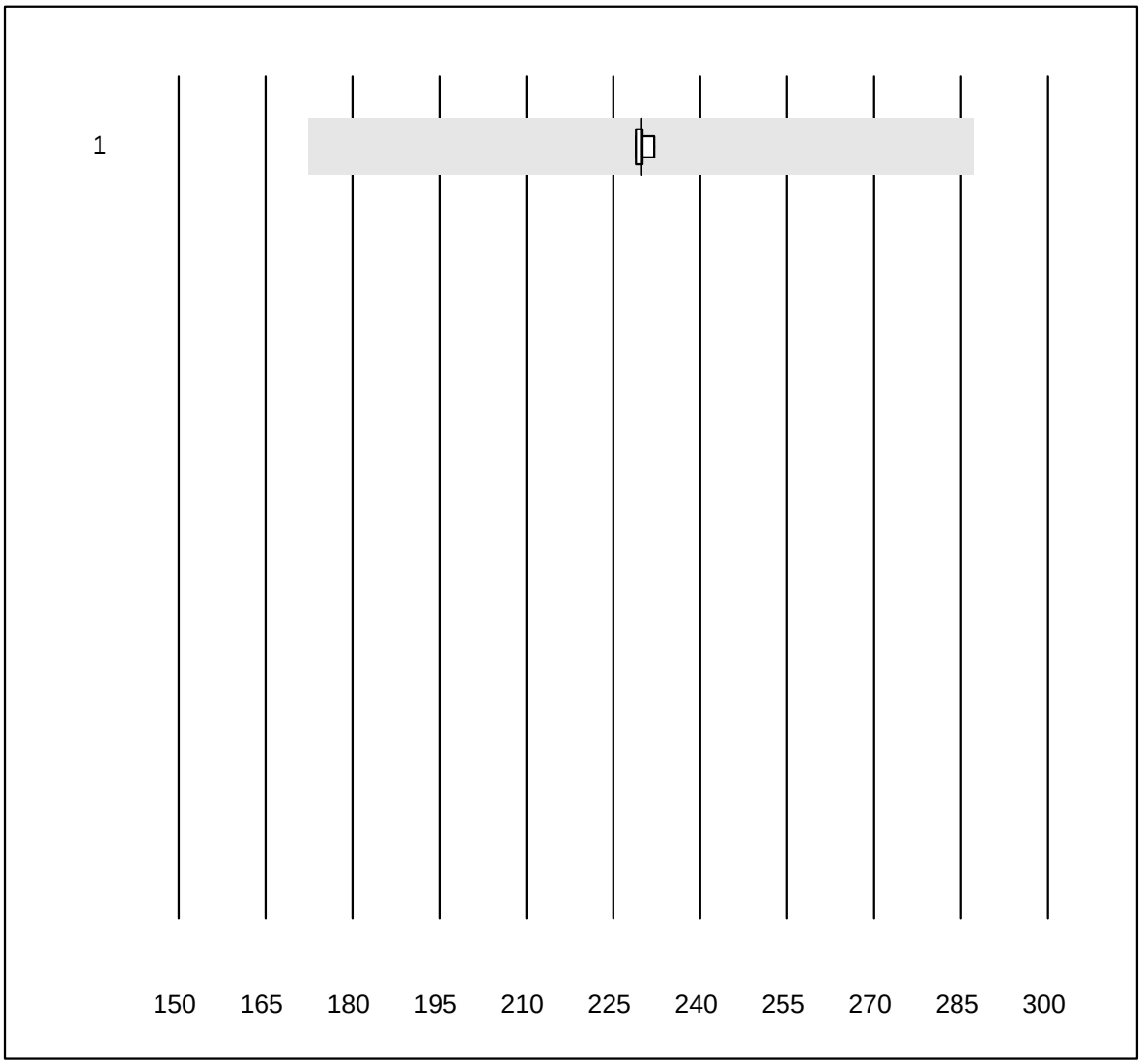


QUALAB Toleranz : 24 %

Digoxin (nmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	altro	11	100.0	0.0	0.0	1.68	5.7	e

Paracetamol

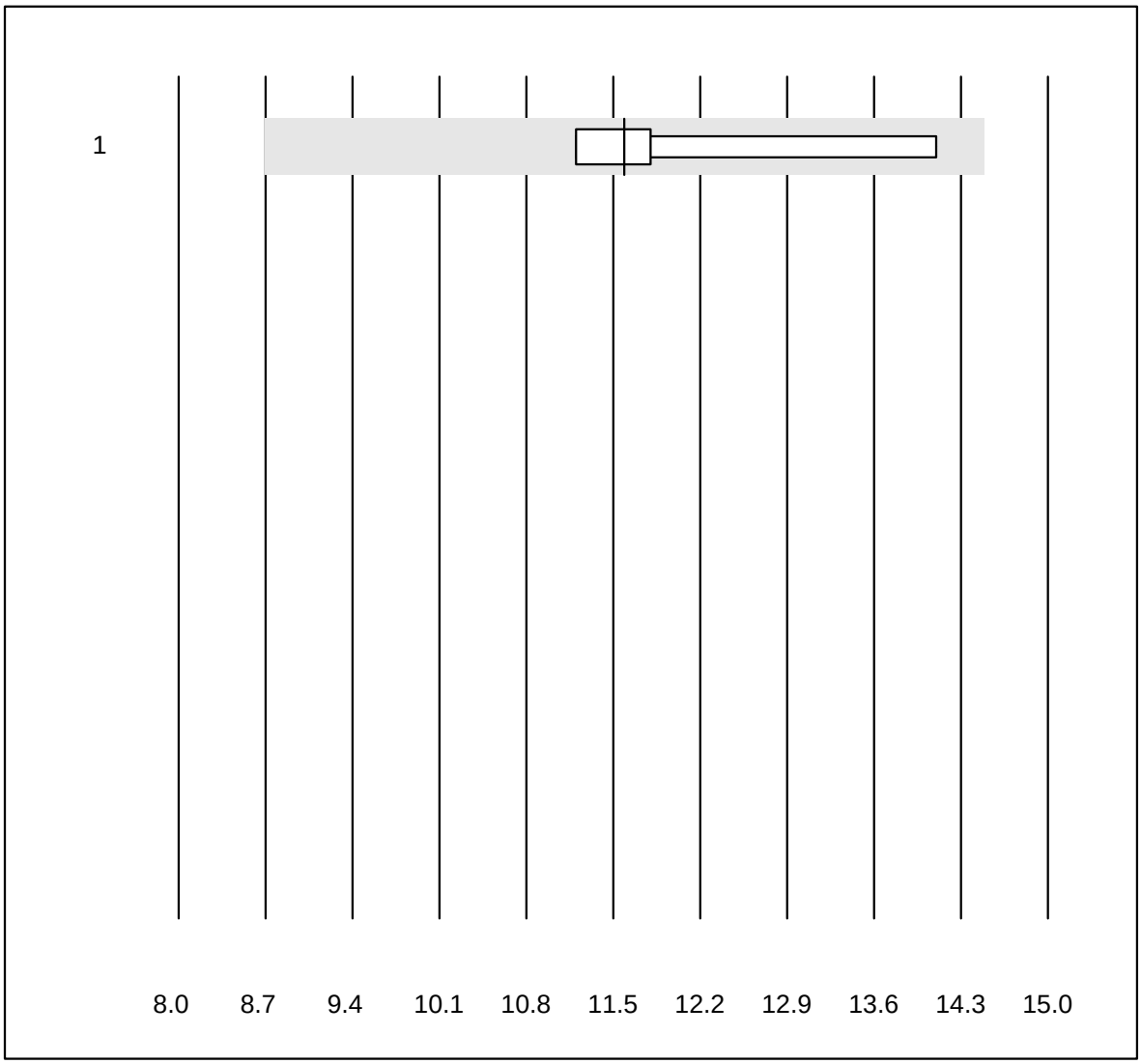


Tolleranza MQ : 25 %

Paracetamol (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	229.8	0.6	e

Vancomycin

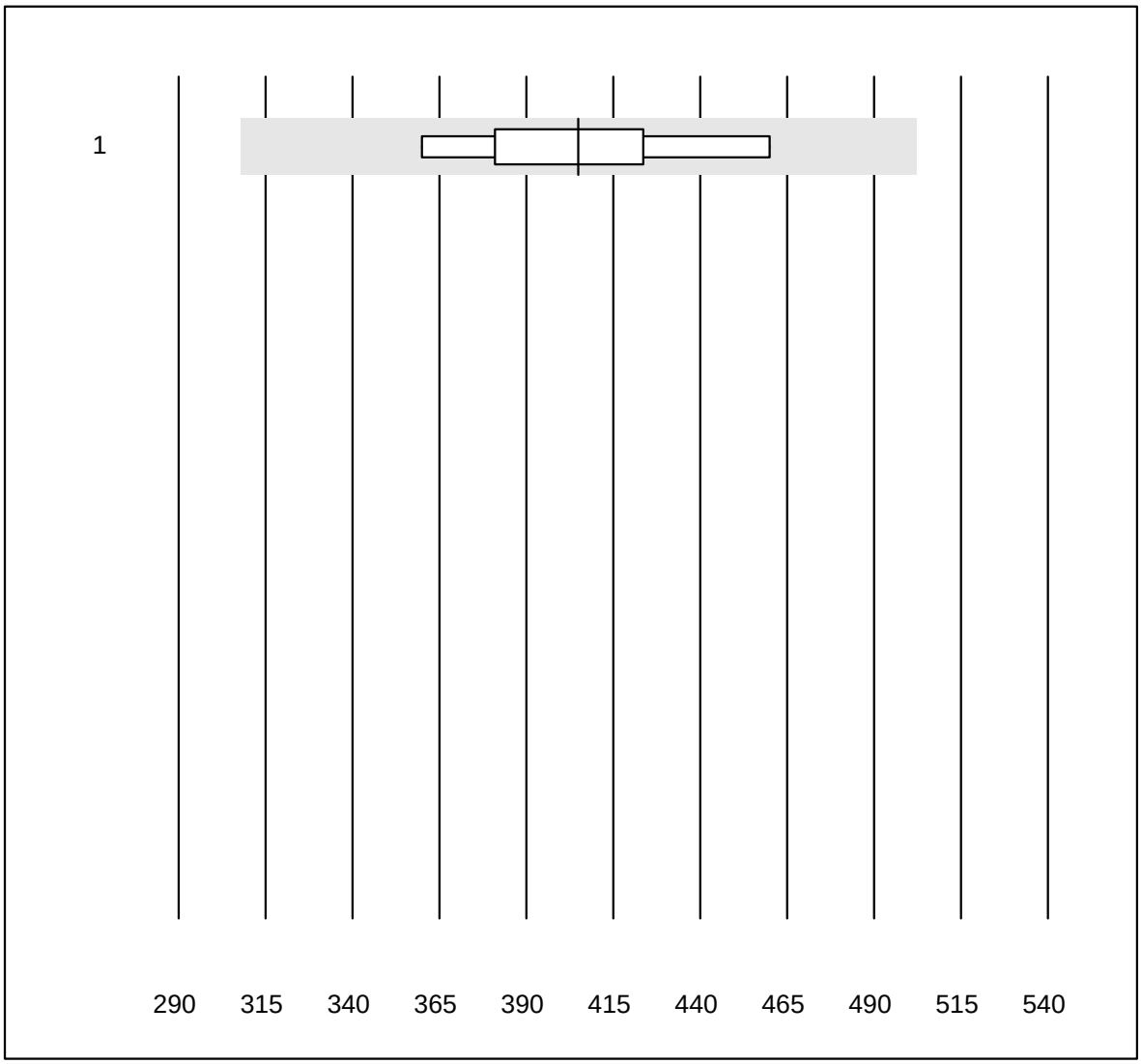


Tolleranza MQ : 25 %

Vancomycin (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	4	100.0	0.0	0.0	12	11.1	e*

Valproat

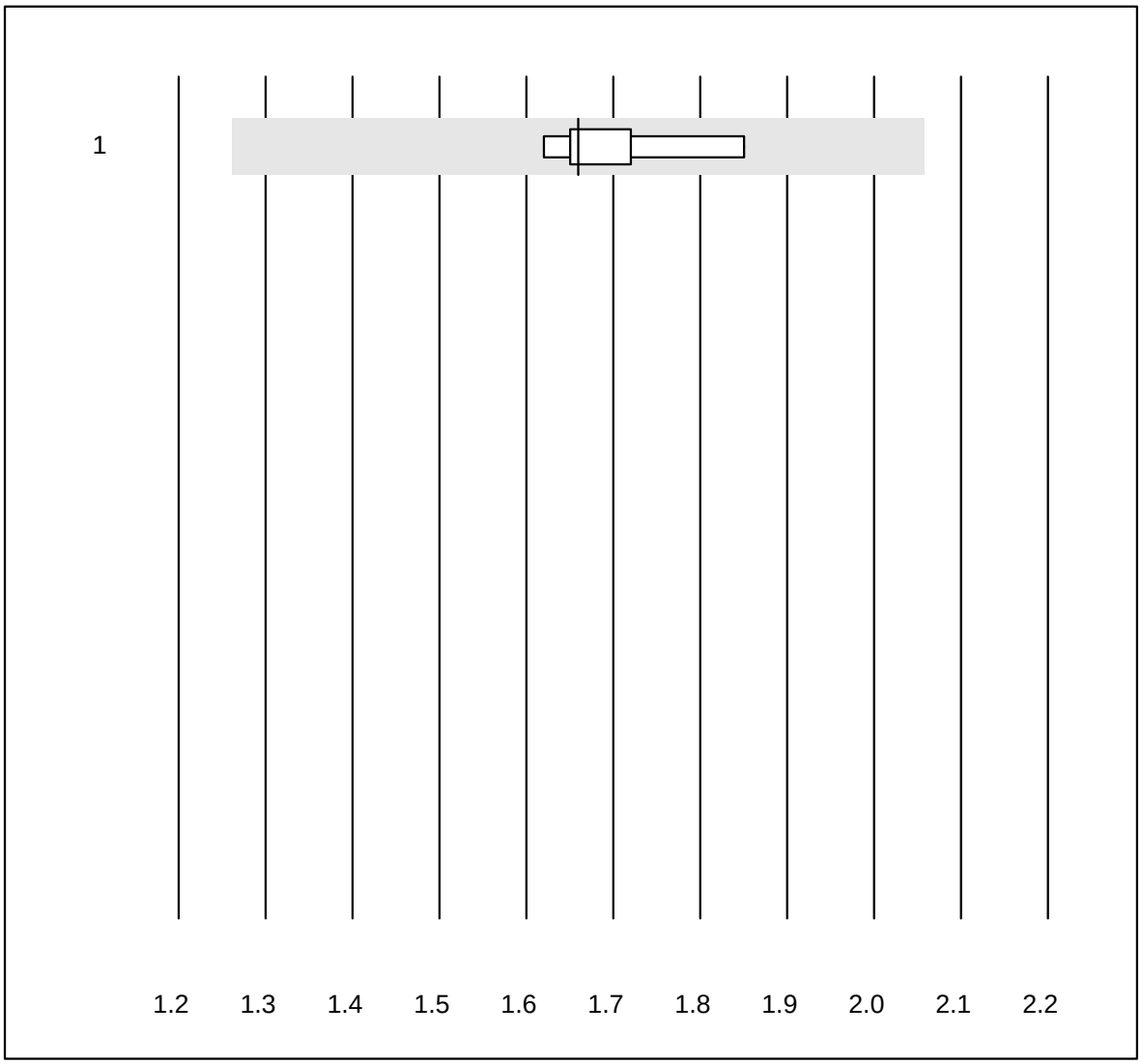


Tolleranza MQ : 24 %

Valproat (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	6	100.0	0.0	0.0	405.0	8.5	e*

Cystatin C

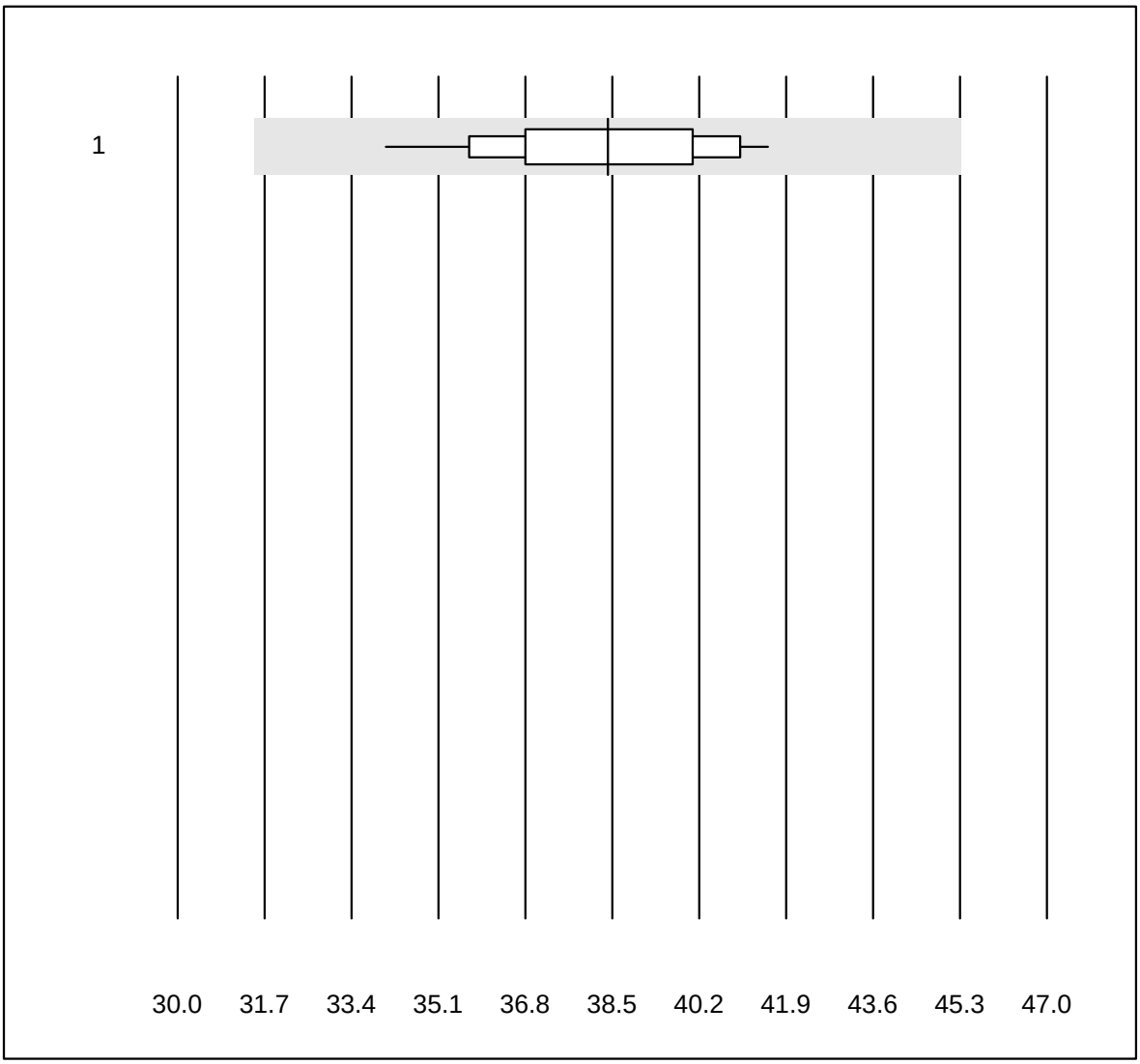


Tolleranza MQ : 24 %

Cystatin C (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	7	100.0	0.0	0.0	1.7	4.5	e

Etanolo

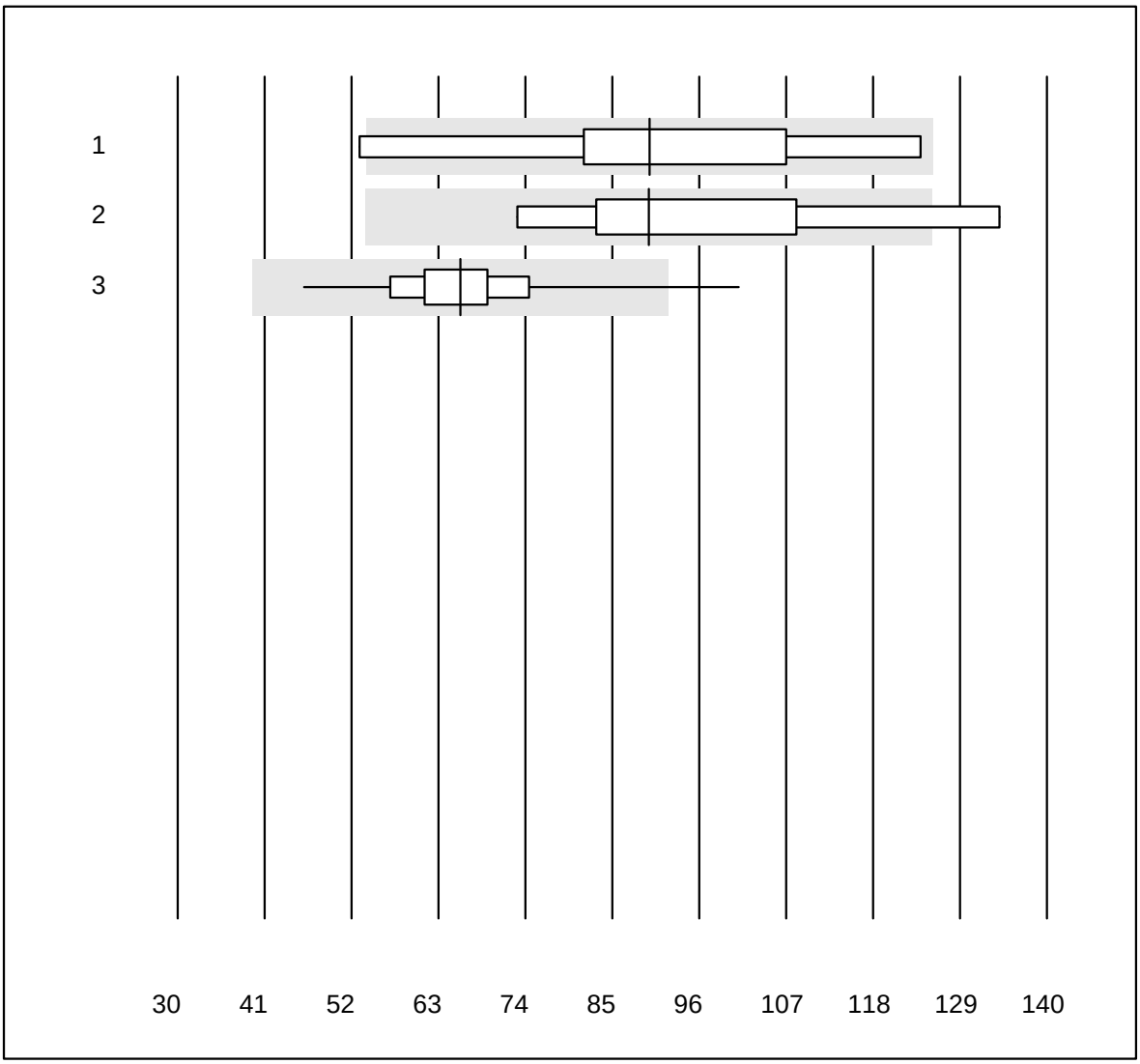


QUALAB Toleranz : 18 %

Etanolo (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	21	100.0	0.0	0.0	38.4	5.5	e

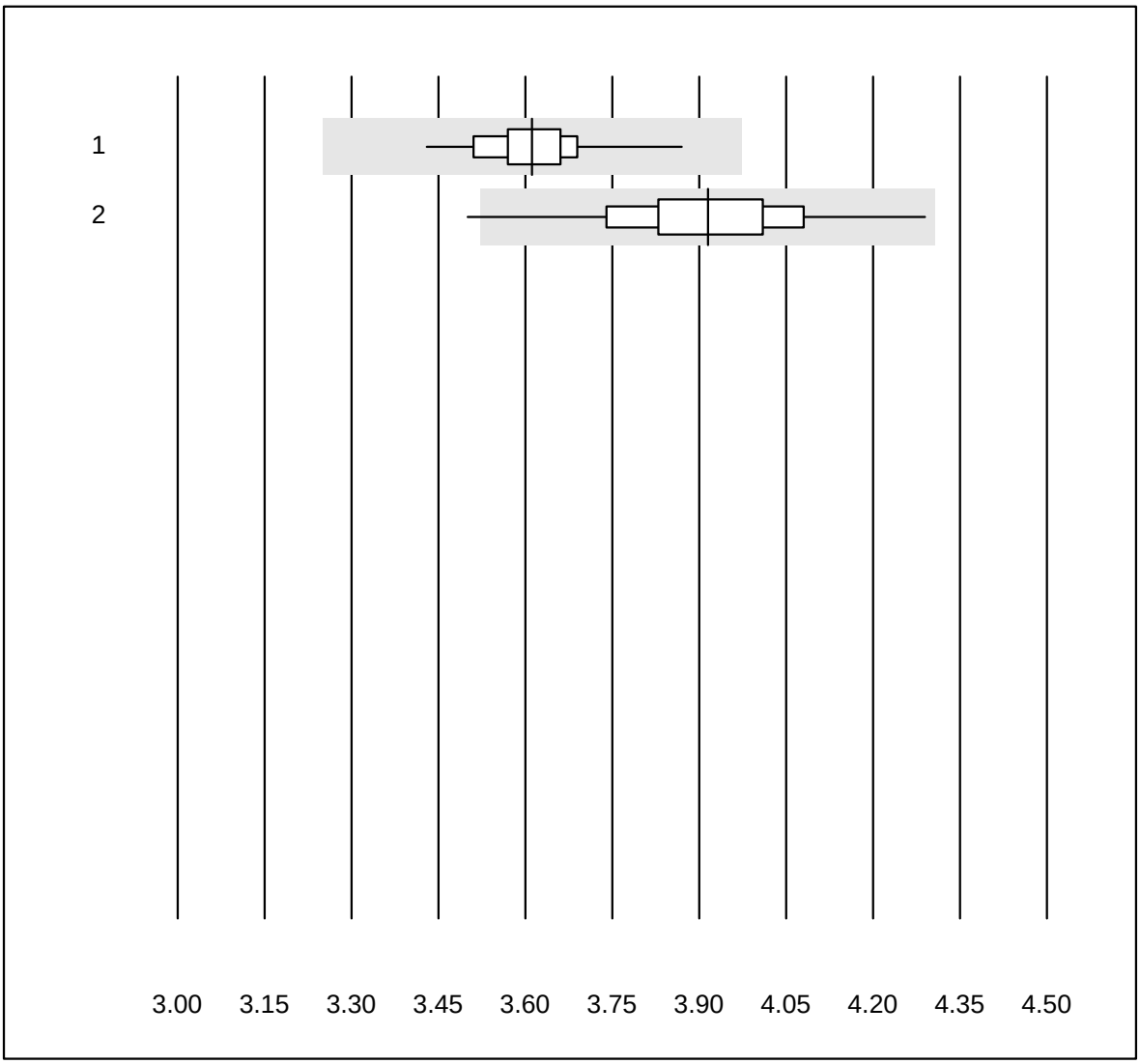
Calprotectin



Tolleranza MQ : 40 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Bühlmann ELISA	10	80.0	10.0	10.0	90	26.0	e*
2	Bühlmann fCALturbo	7	85.7	14.3	0.0	90	20.8	e*
3	Liaison	17	94.1	5.9	0.0	66	17.3	e

Colesterolo Af/b101

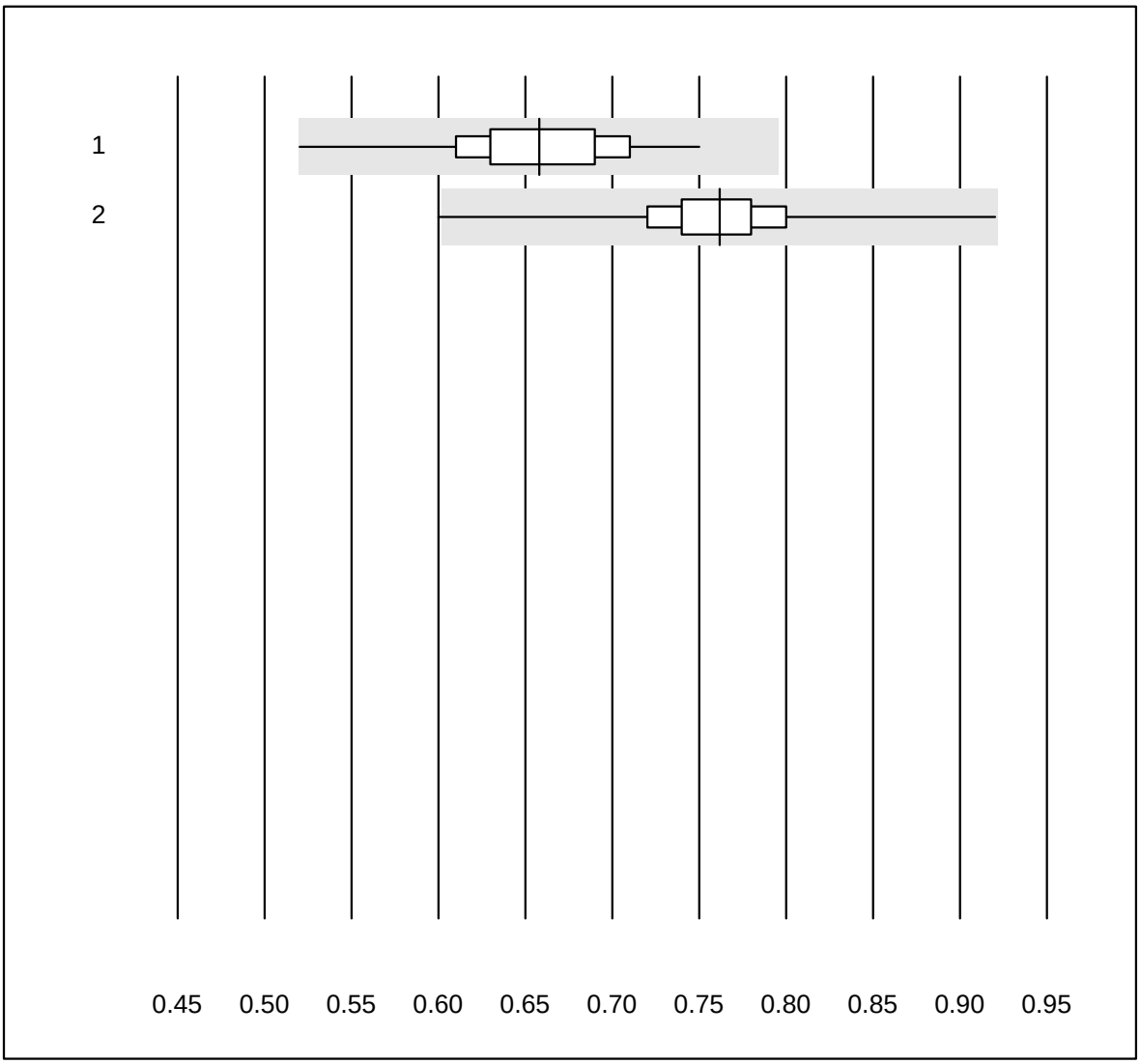


QUALAB Toleranz : 10 %

Colesterolo Af/b101 (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b101	151	100.0	0.0	0.0	3.61	1.9	e
2	Afinion	450	98.2	0.9	0.9	3.92	3.6	e

Colesterolo HDL Af/b101

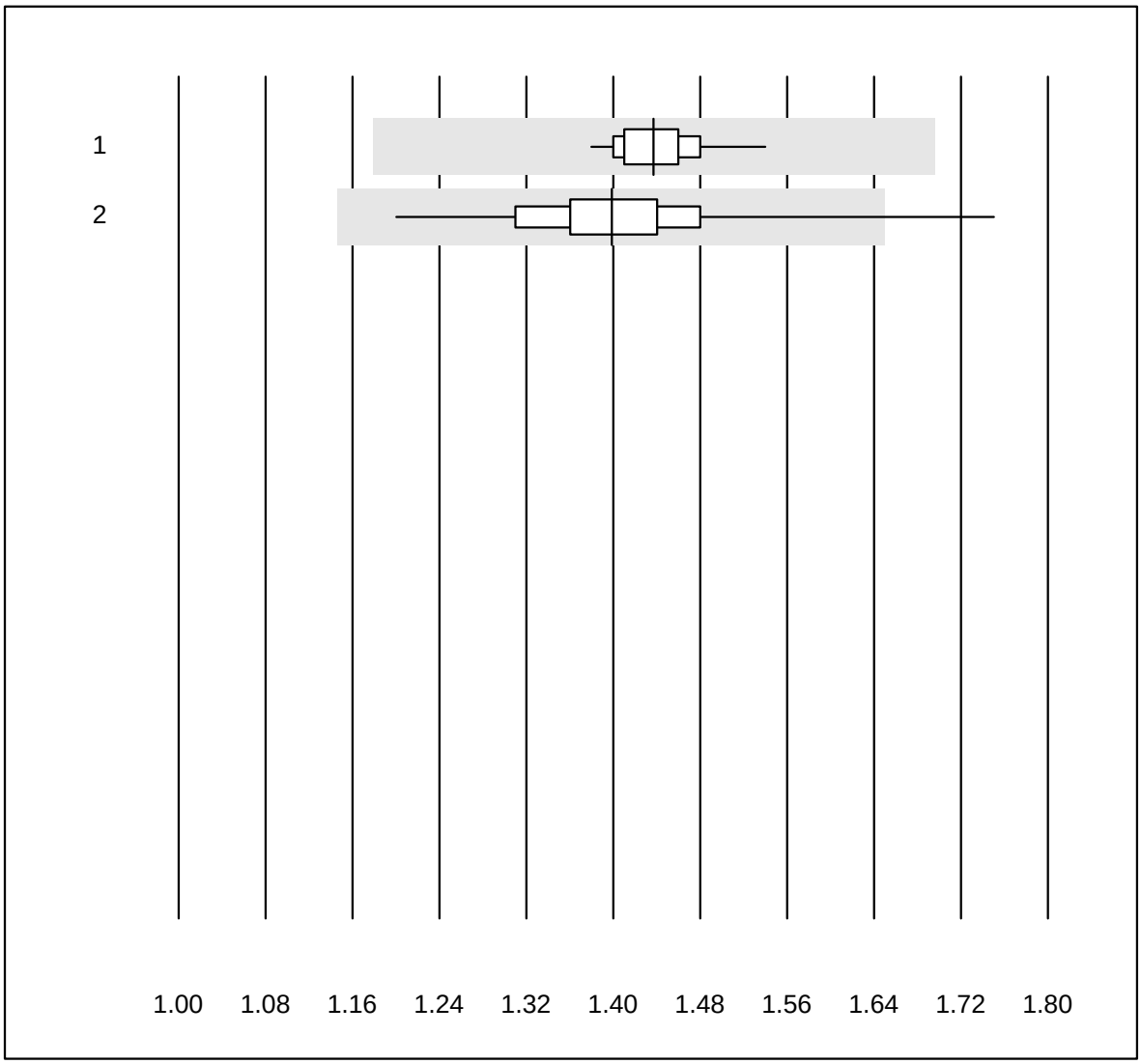


QUALAB Toleranz : 21 %

Colesterolo HDL Af/b101 (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b101	151	92.1	0.0	7.9	0.66	6.1	e
2	Afinion	448	93.1	0.2	6.7	0.76	4.7	e

Trigliceridi Af/b101

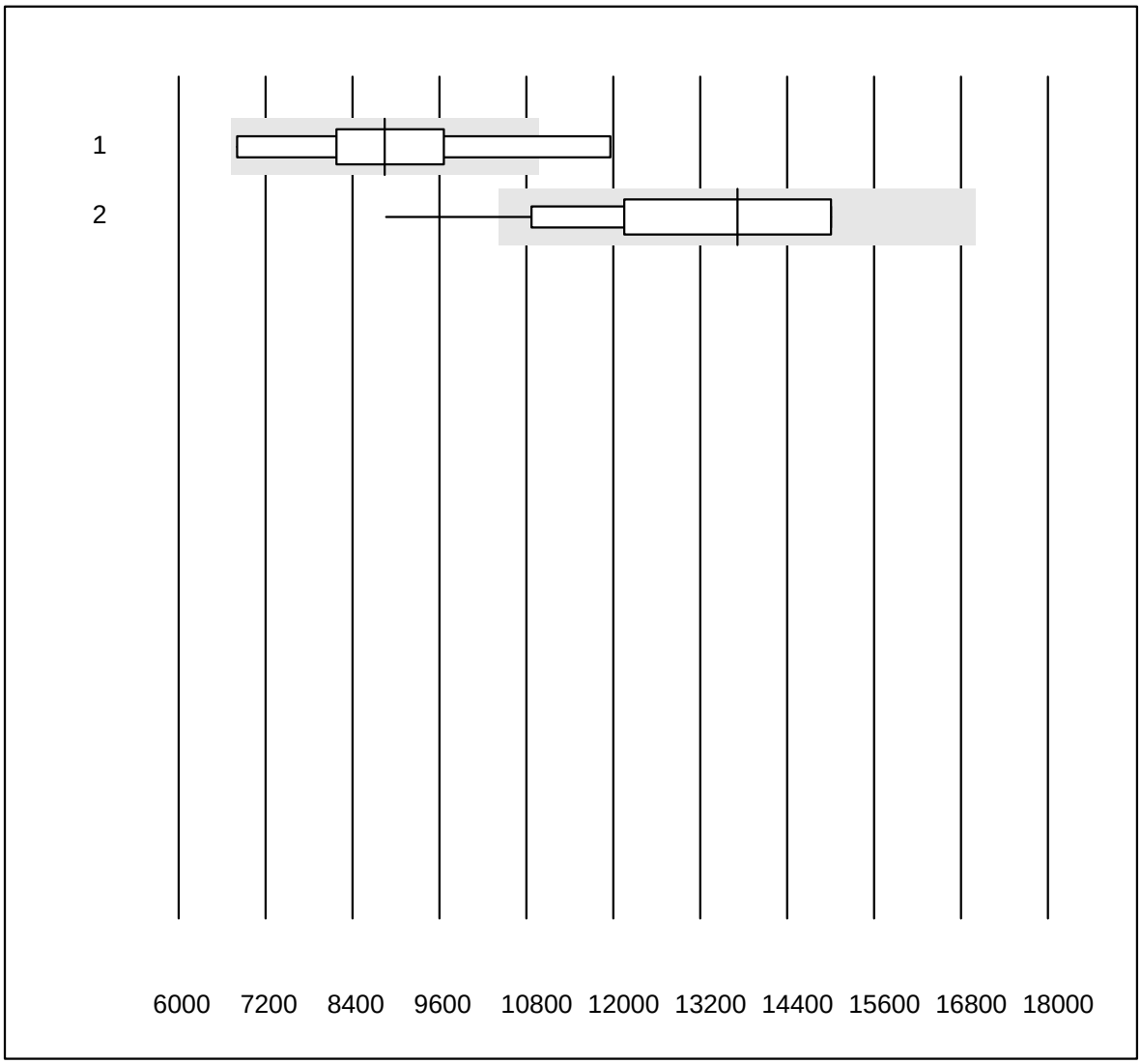


QUALAB Toleranz : 18 %

Trigliceridi Af/b101 (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b101	149	98.7	0.0	1.3	1.44	2.2	e
2	Afinion	450	99.3	0.7	0.0	1.40	5.2	e

Troponina I S

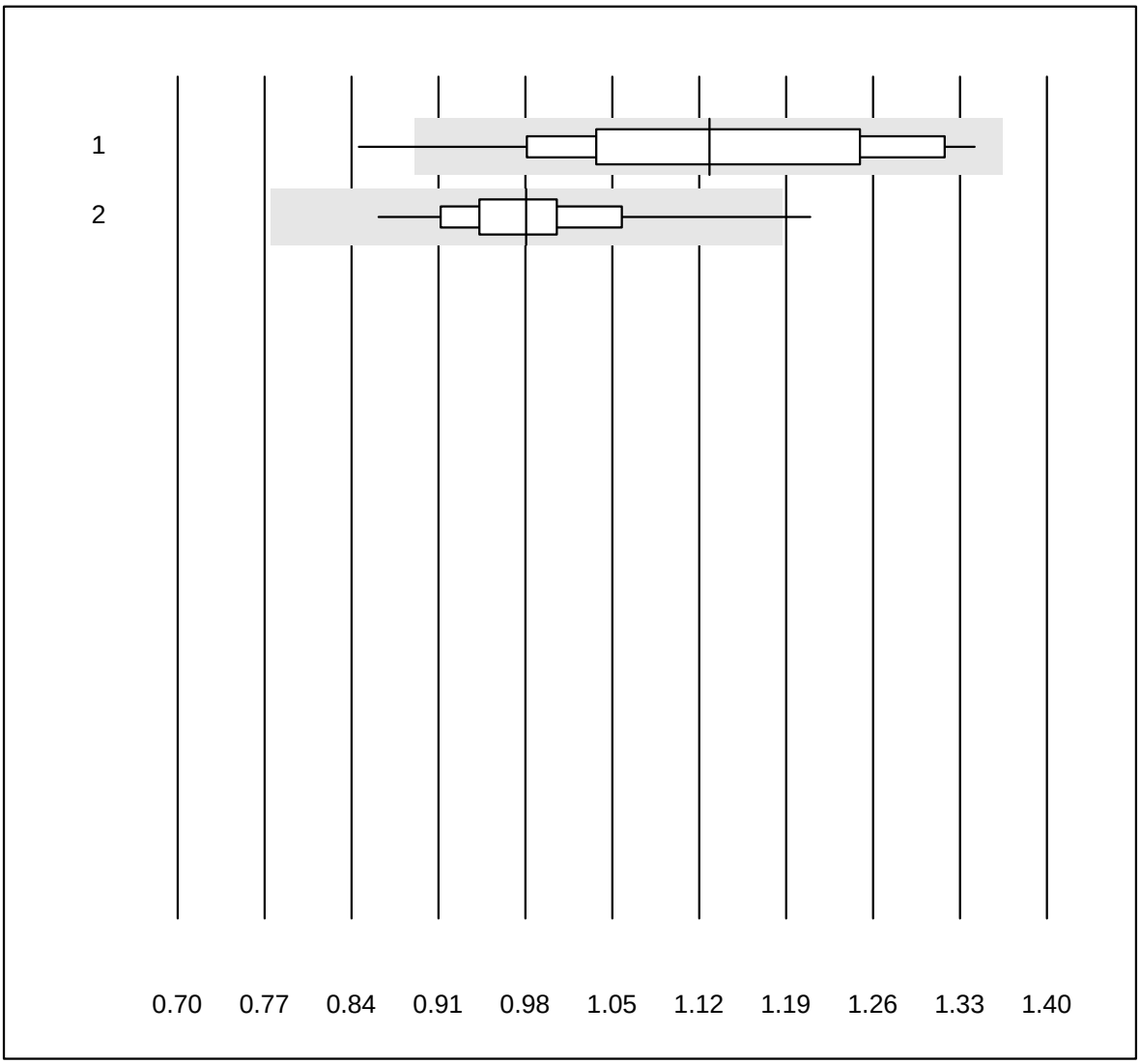


QUALAB Toleranz : 24 %

Troponina I S (ng/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Samsung LABGEO IB10	8	87.5	12.5	0.0	8845.00	17.5	e*
2	AFIAS	141	86.5	7.8	5.7	13711.13	13.2	e

D-Dimeri qn S

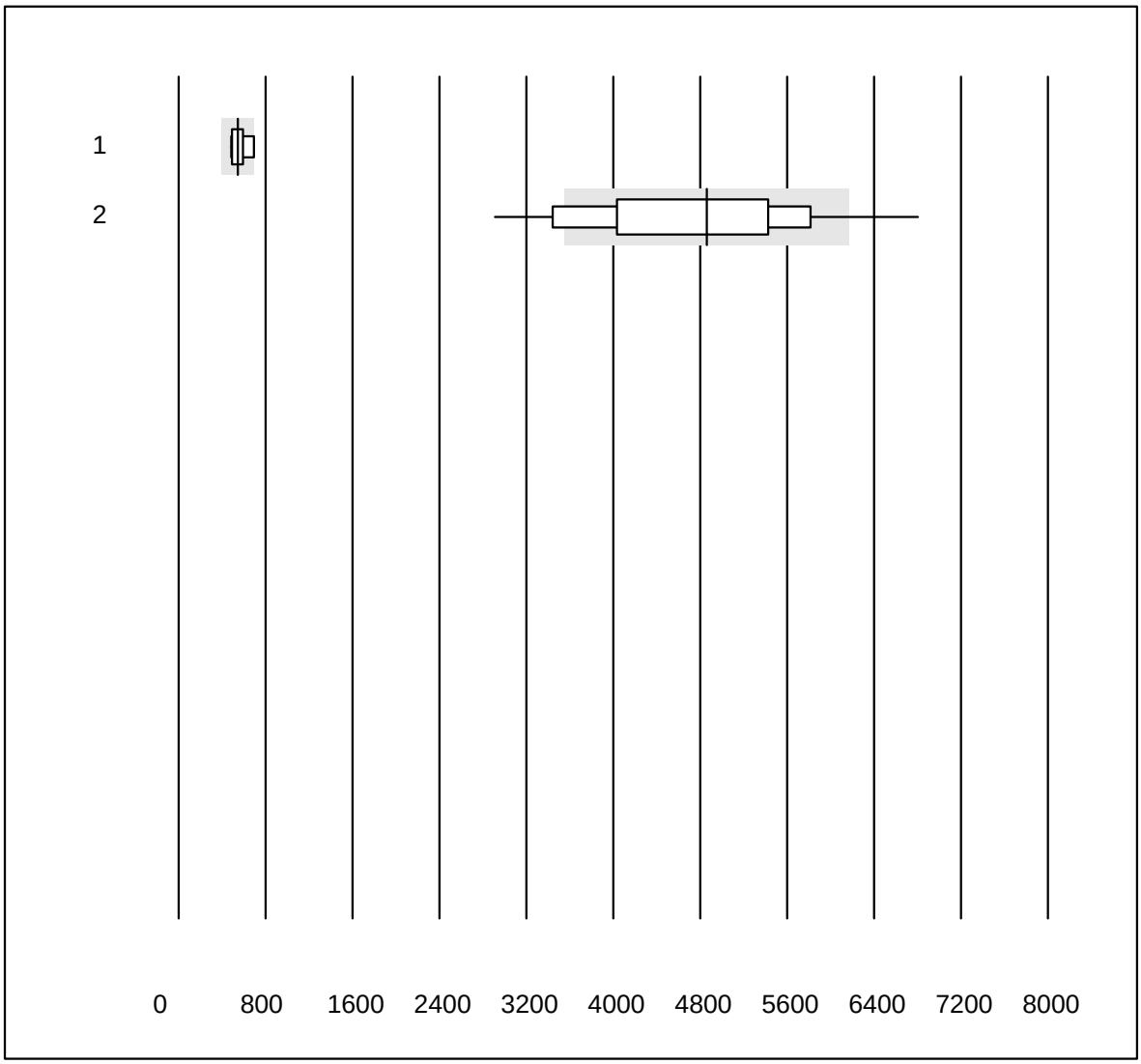


QUALAB Toleranz : 21 %

D-Dimeri qn S (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Samsung LABGEO IB10	13	92.3	7.7	0.0	1.13	12.8	e*
2	AFIAS	145	91.7	1.4	6.9	0.98	6.3	e

NT-proBNP S

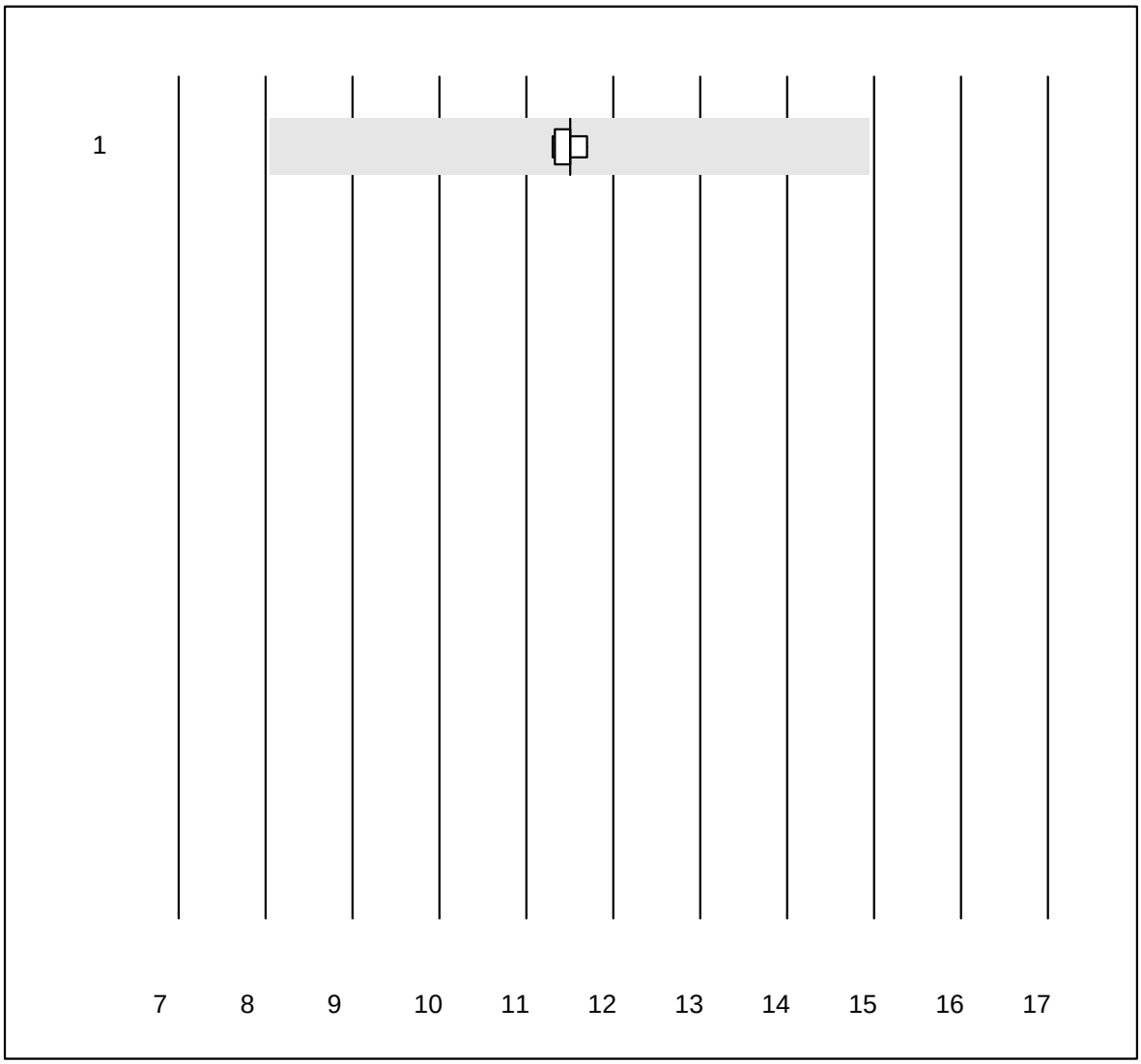


QUALAB Toleranz : 27 %

NT-proBNP S (ng/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Samsung LABGEO IB10	8	87.5	12.5	0.0	546.7	13.0	e*
2	AFIAS	110	75.4	16.4	8.2	4859.3	18.8	e

Homocystein

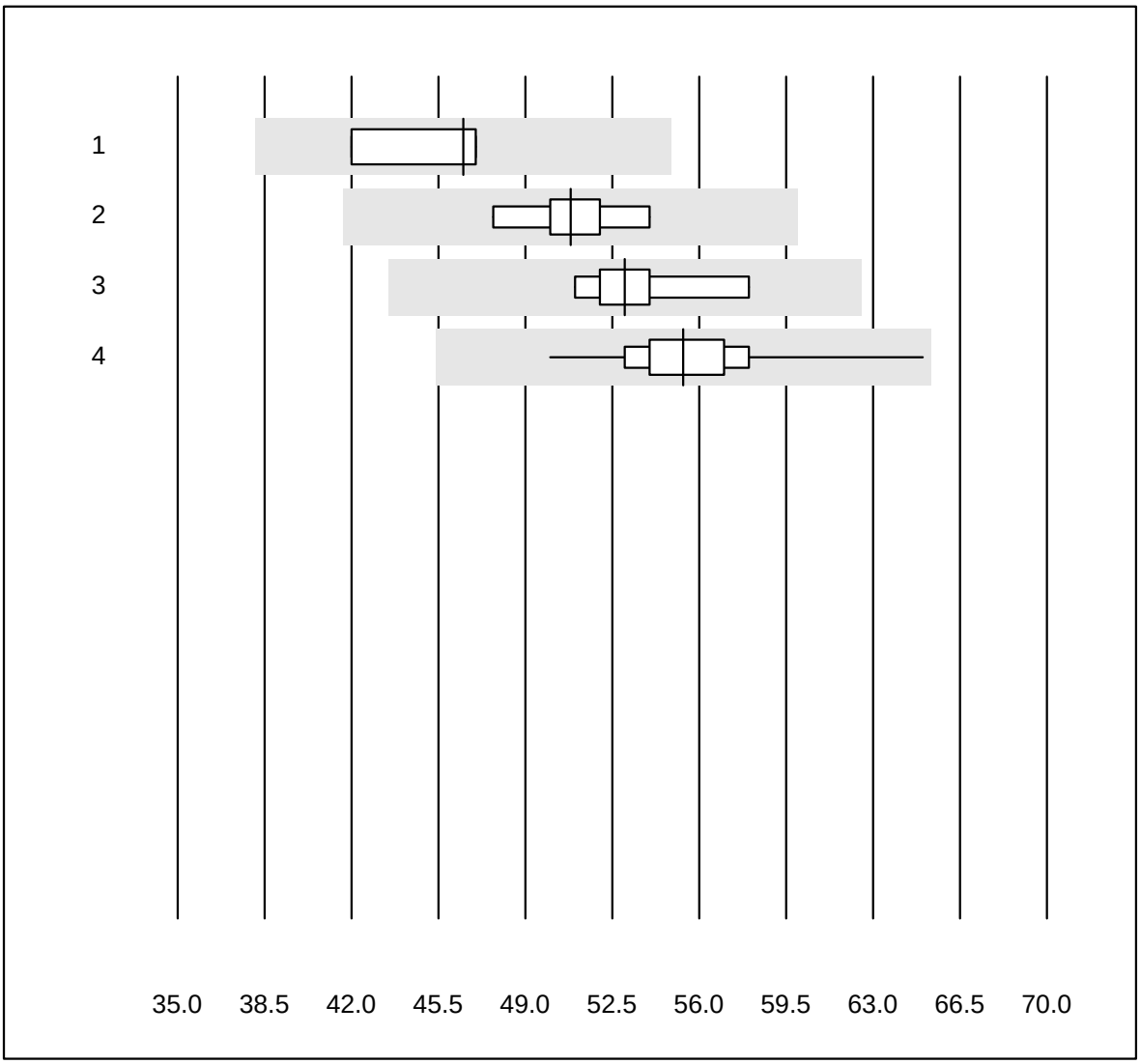


Tolleranza MQ : 30 %

Homocystein (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	5	100.0	0.0	0.0	11.5	1.4	e

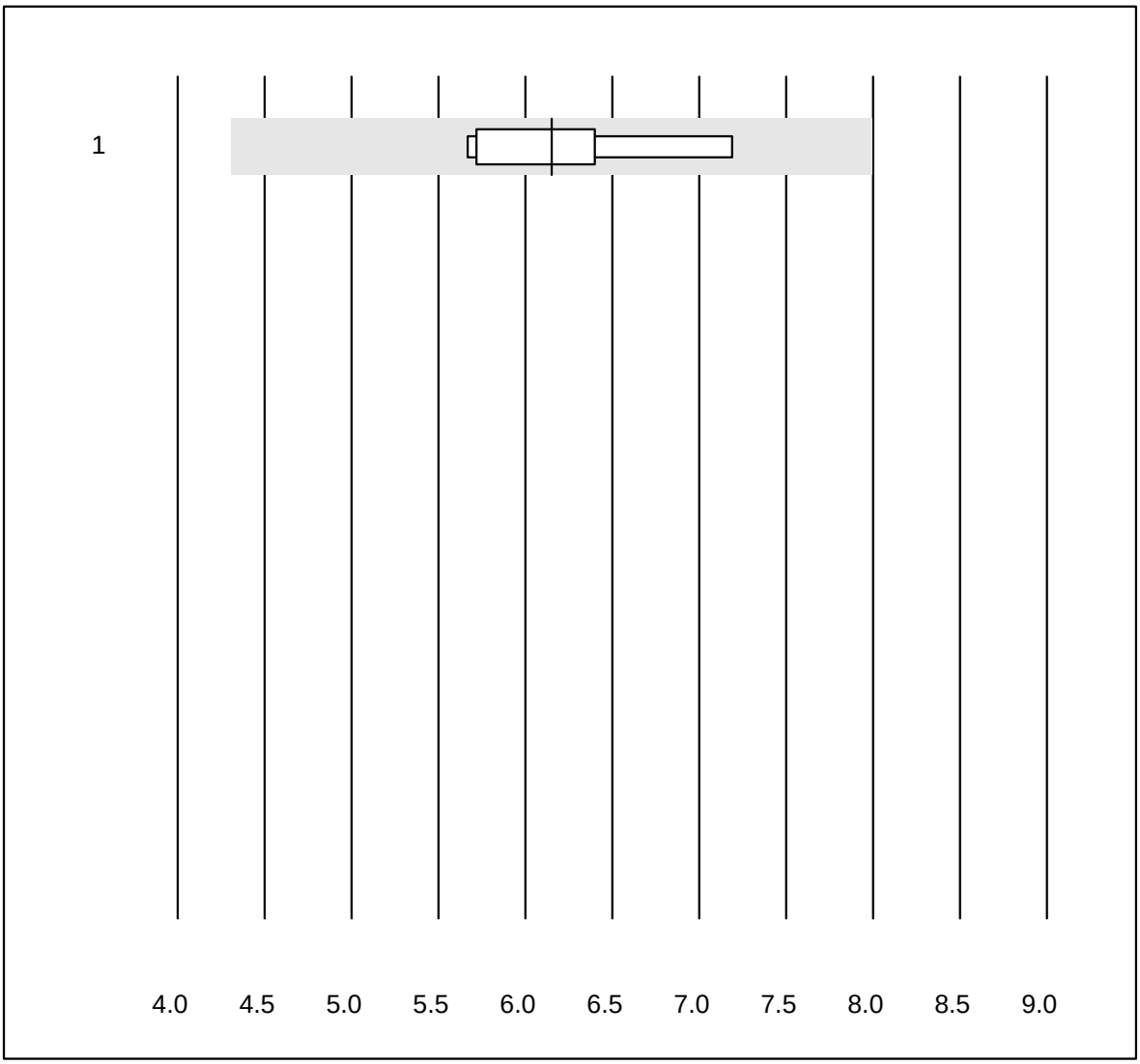
Lipasi



QUALAB Toleranz : 18 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	4	100.0	0.0	0.0	46.5	5.2	e*
2	Beckman	10	90.0	0.0	10.0	50.8	4.1	e
3	Cobas	9	100.0	0.0	0.0	53.0	4.1	e
4	Fuji Dri-Chem	146	99.3	0.0	0.7	55.4	3.8	e

Colinesterasi

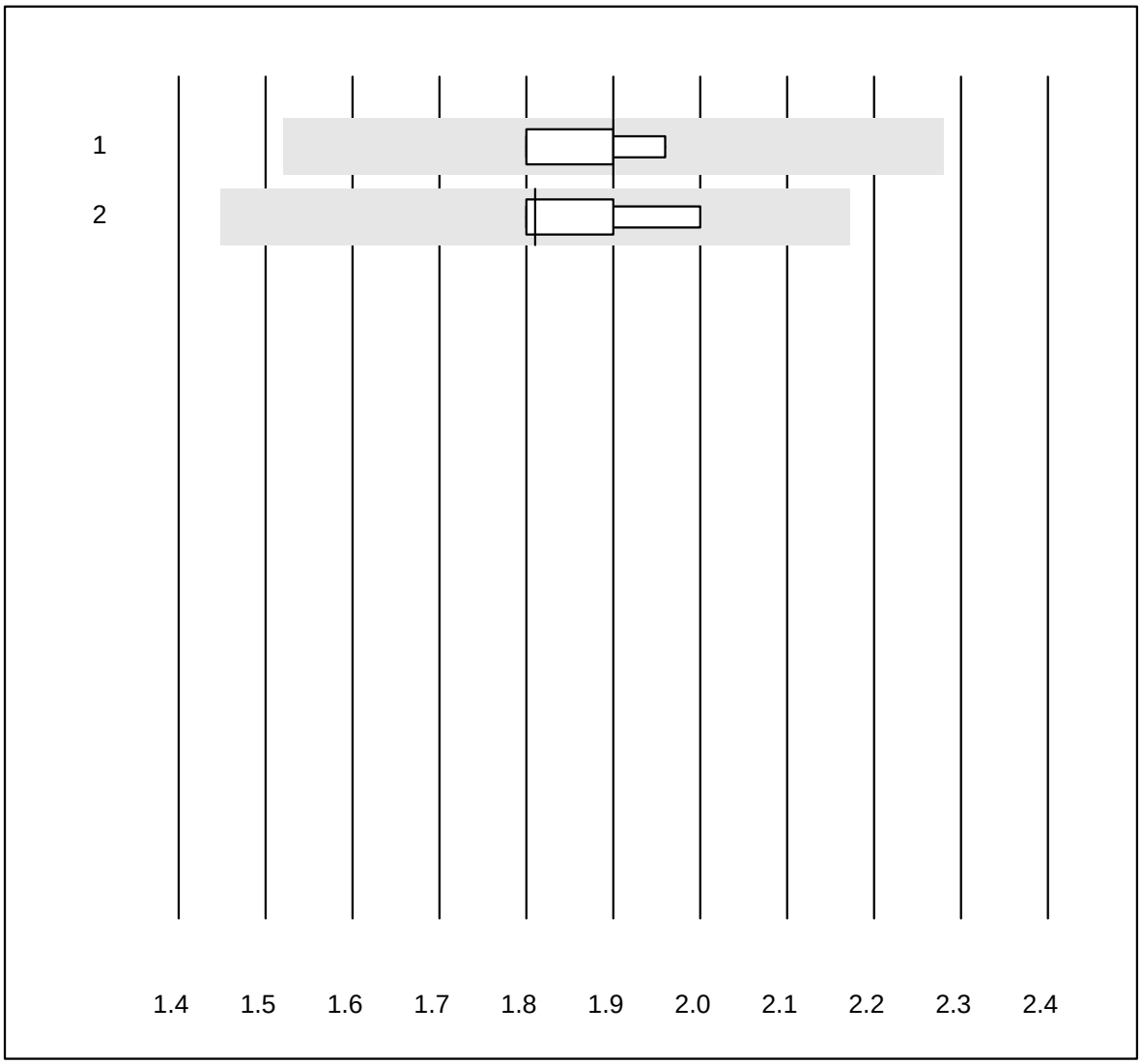


Tolleranza MQ : 30 %

Colinesterasi (kU/L)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	5	100.0	0.0	0.0	6.2	9.9	e*

Glucosio CSF

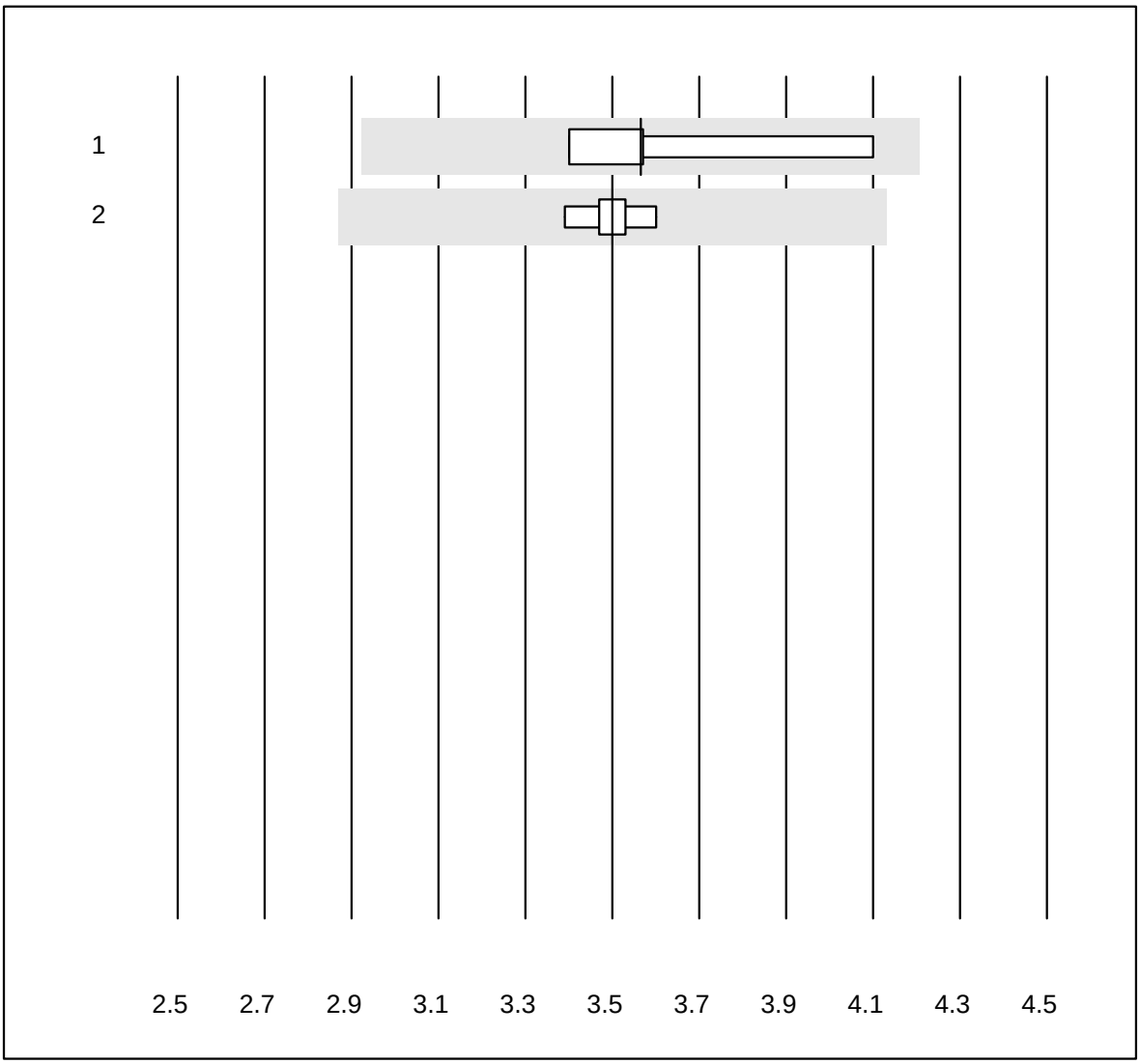


Tolleranza MQ : 20 %

Glucosio CSF (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	4	100.0	0.0	0.0	1.90	3.5	e
2	altro	9	100.0	0.0	0.0	1.81	3.8	e

Lattato CSF

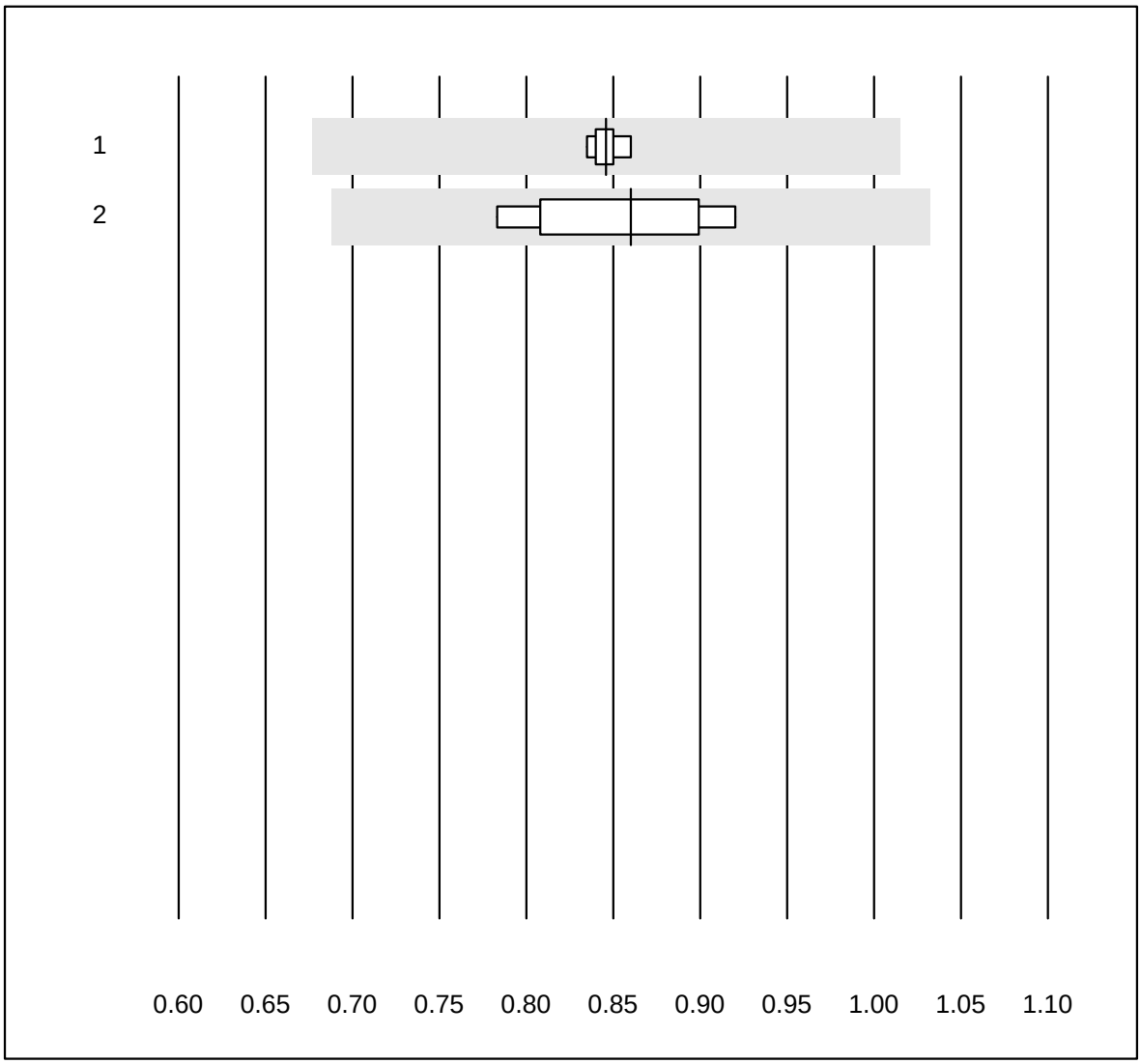


QUALAB Toleranz : 18 %

Lattato CSF (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	4	100.0	0.0	0.0	3.57	8.3	e*
2	altro	7	100.0	0.0	0.0	3.50	1.8	e

Proteine CSF

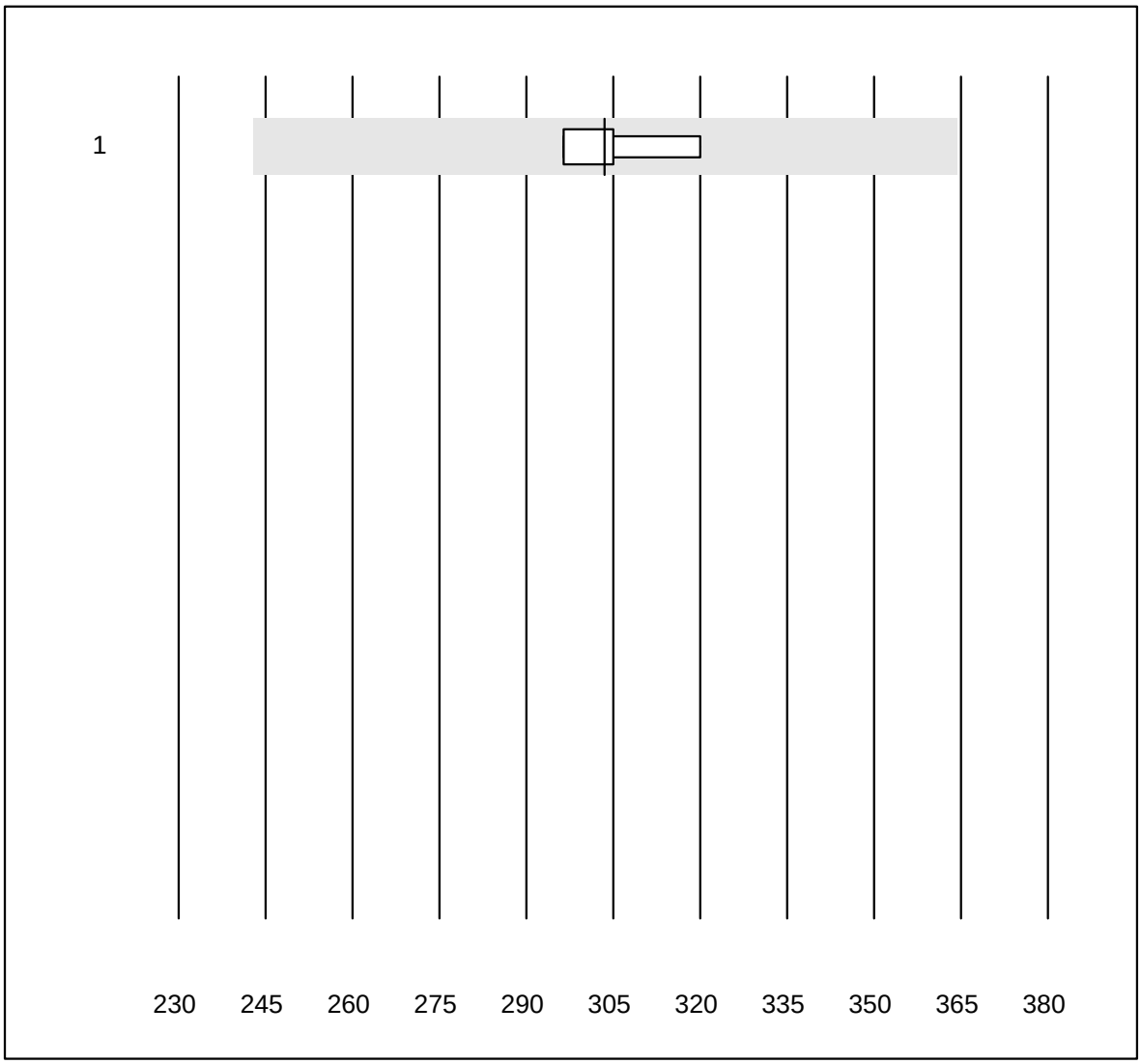


Tolleranza MQ : 20 %

Proteine CSF (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	5	100.0	0.0	0.0	0.85	1.1	e
2	altro	6	100.0	0.0	0.0	0.86	6.1	e*

Albumina CSF

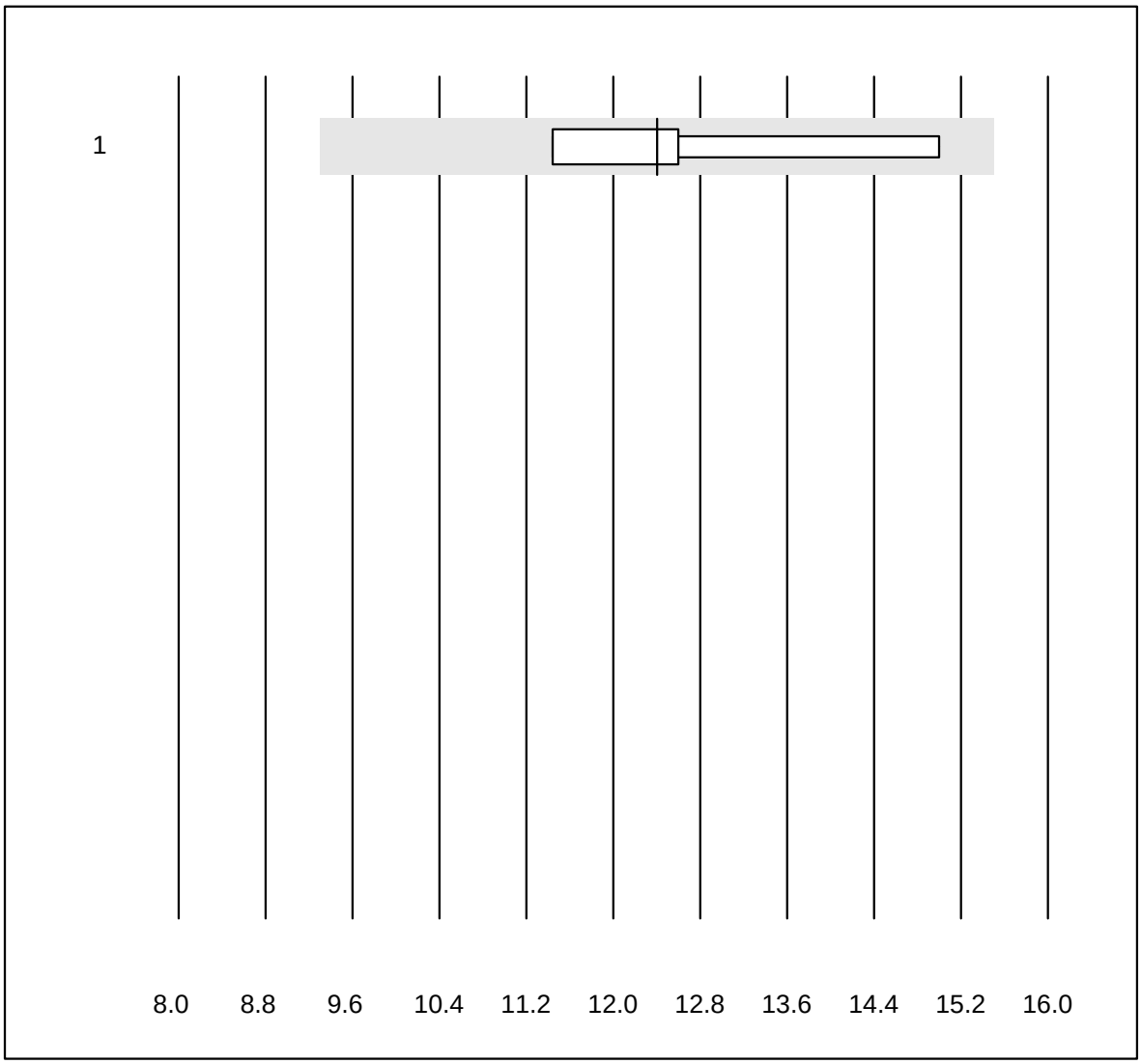


Tolleranza MQ : 20 %

Albumina CSF (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	4	100.0	0.0	0.0	303.50	3.3	e

Tacrolimus

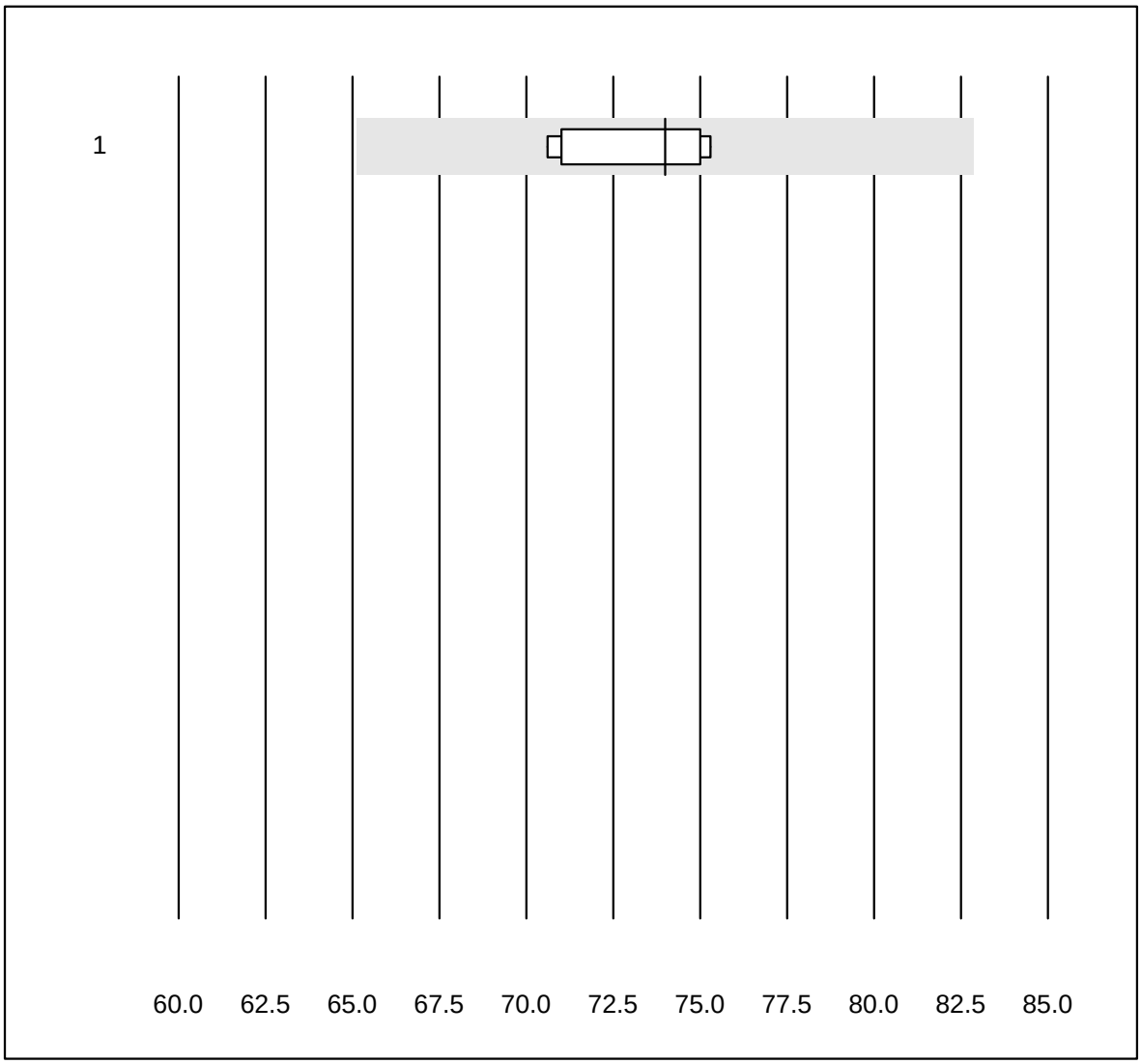


Tolleranza MQ : 25 %

Tacrolimus (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	12.4	12.0	e*

Totalproteina E

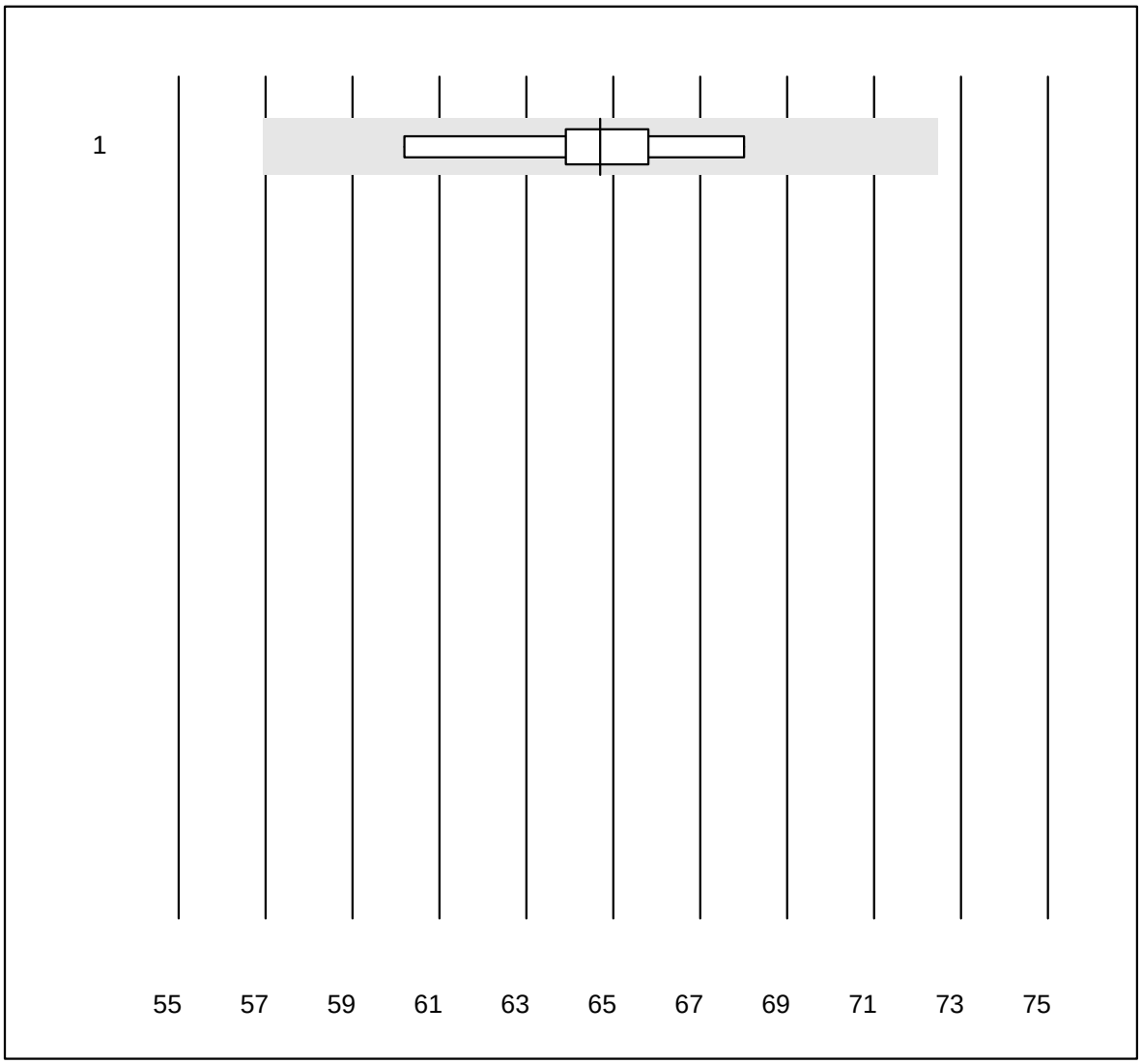


Tolleranza MQ : 12 %

Totalproteina E (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	5	100.0	0.0	0.0	74.0	3.0	e

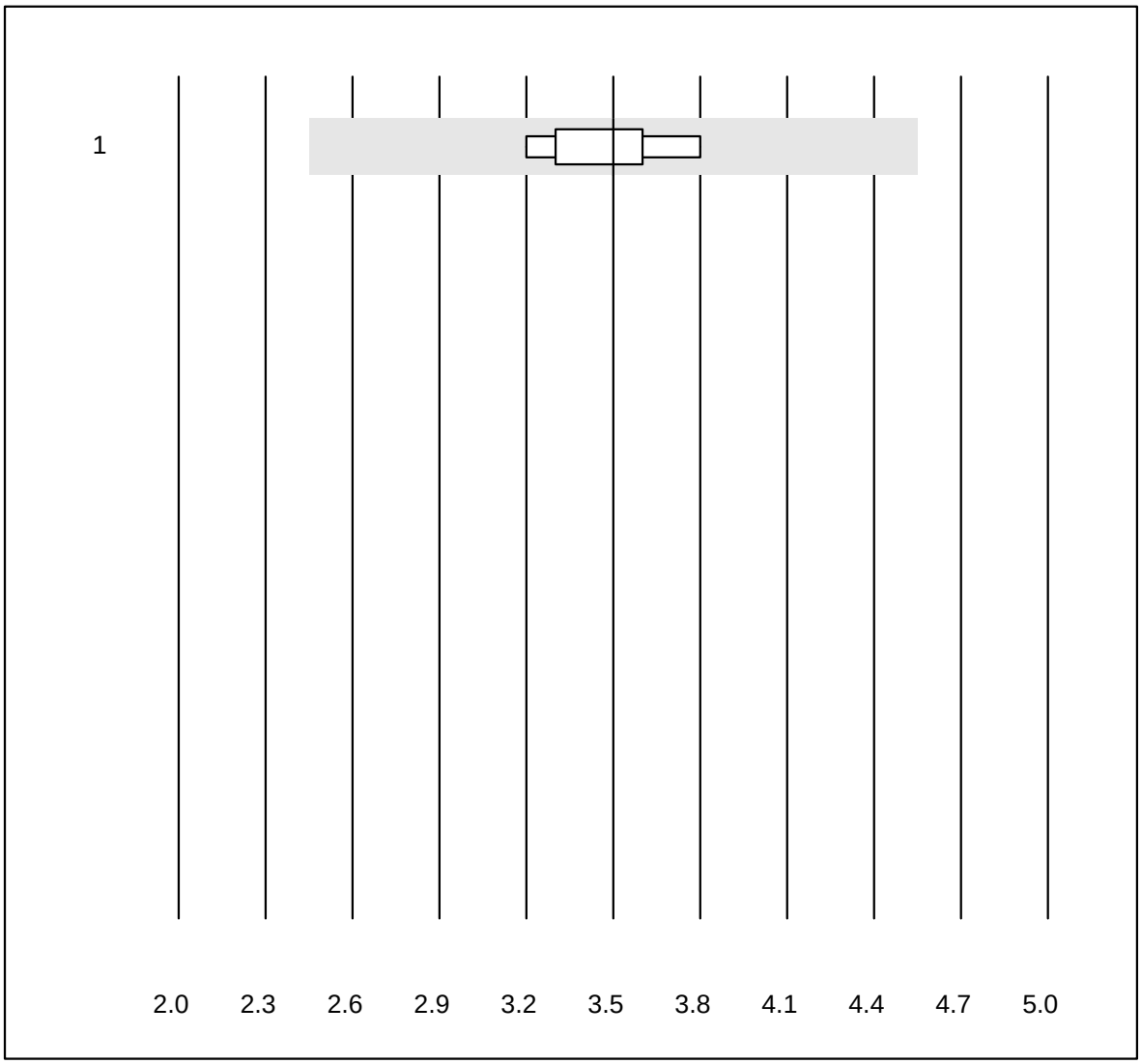
albumina E



Tolleranza MQ : 12 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	elettroforesi	9	100.0	0.0	0.0	64.7	3.5	e

alfa-1-globuline

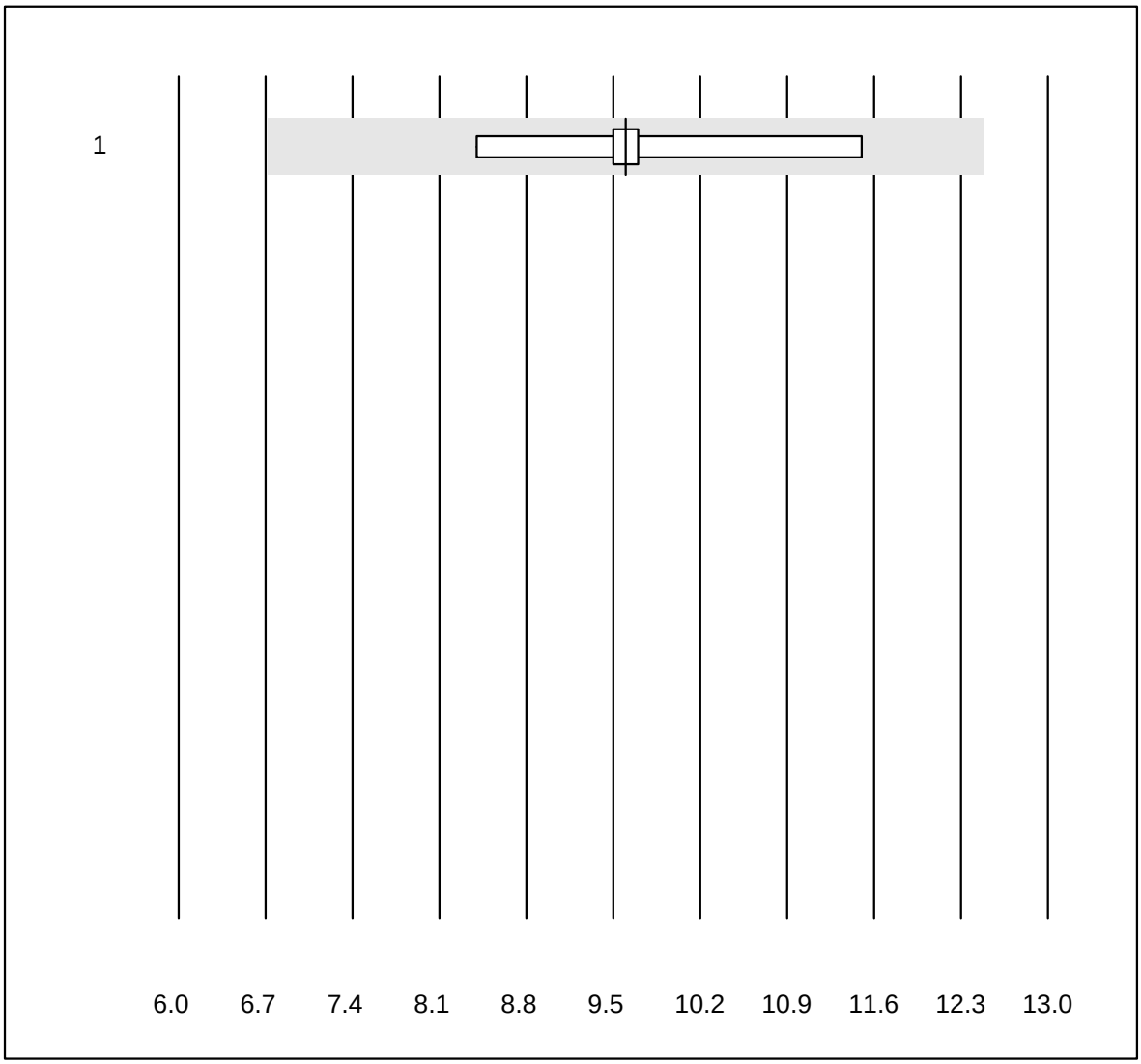


Tolleranza MQ : 30 %

alfa-1-globuline (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	elettroforesi capill	6	100.0	0.0	0.0	3.5	6.1	e

alfa-2-globuline

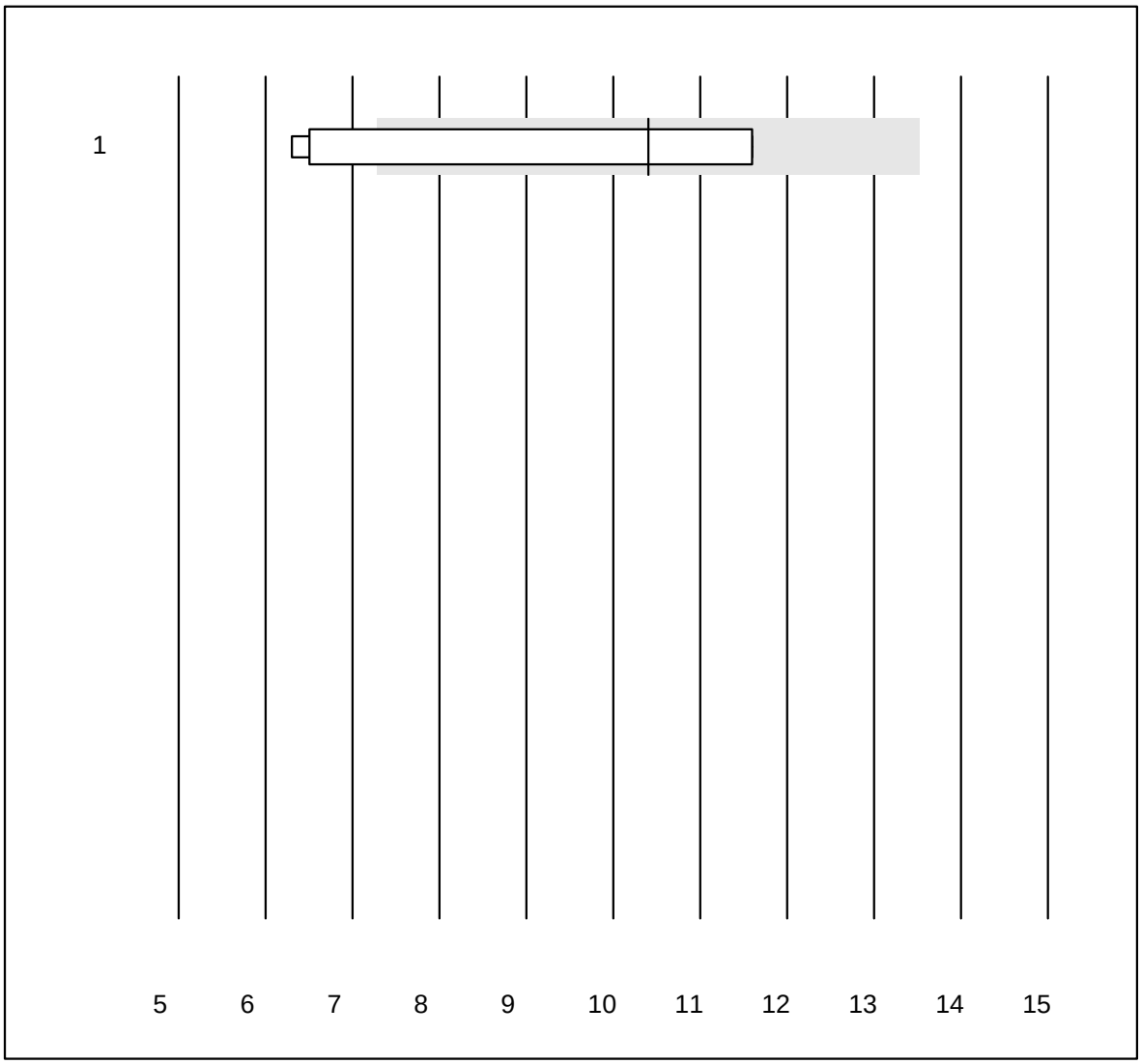


Tolleranza MQ : 30 %

alfa-2-globuline (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	elettroforesi	9	100.0	0.0	0.0	9.6	8.8	e

Beta-1-Globulin

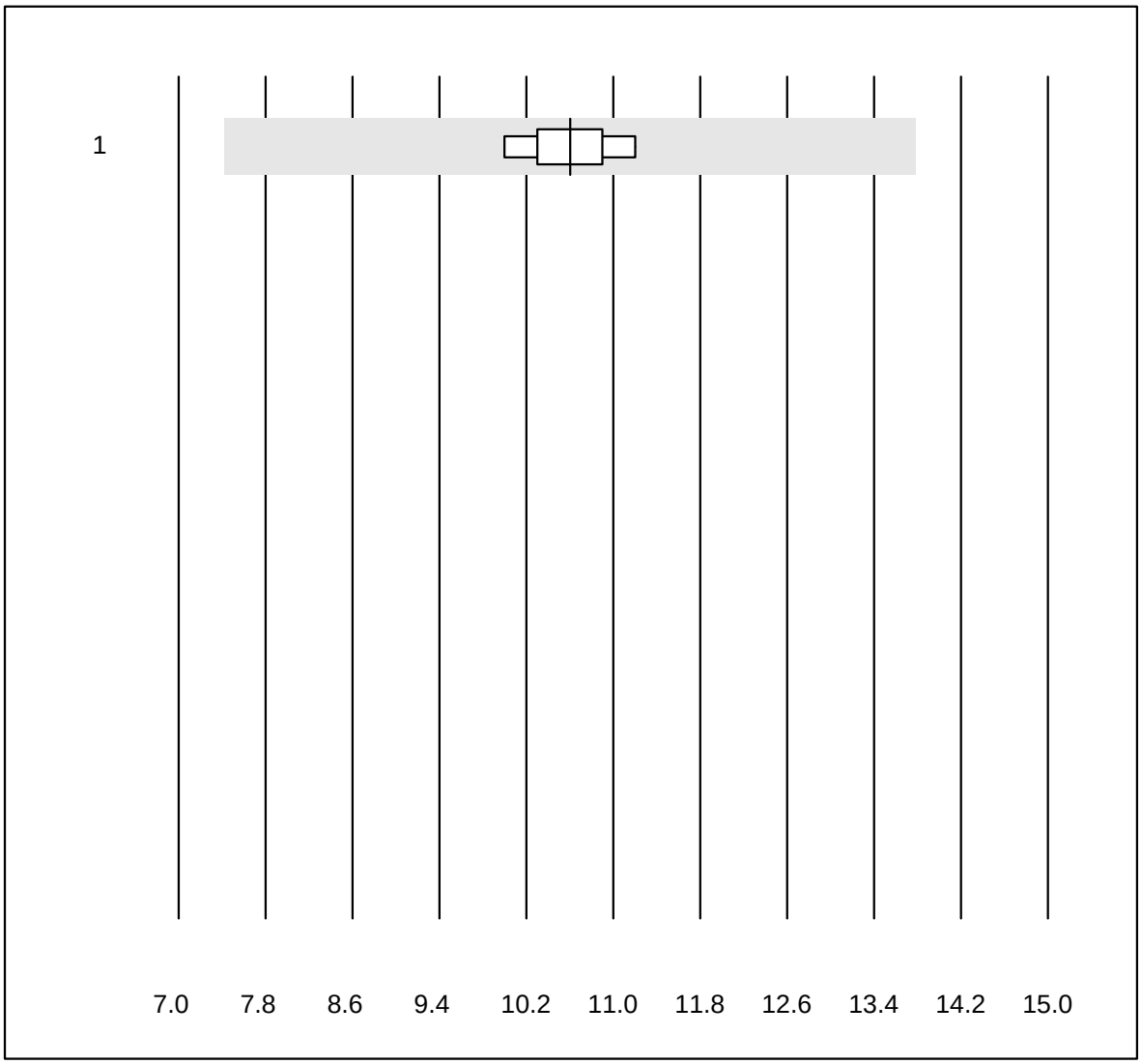


Tolleranza MQ : 30 %

Beta-1-Globulin (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	elettroforesi	7	71.4	28.6	0.0	10.4	23.6	e*

gamma-Globuline

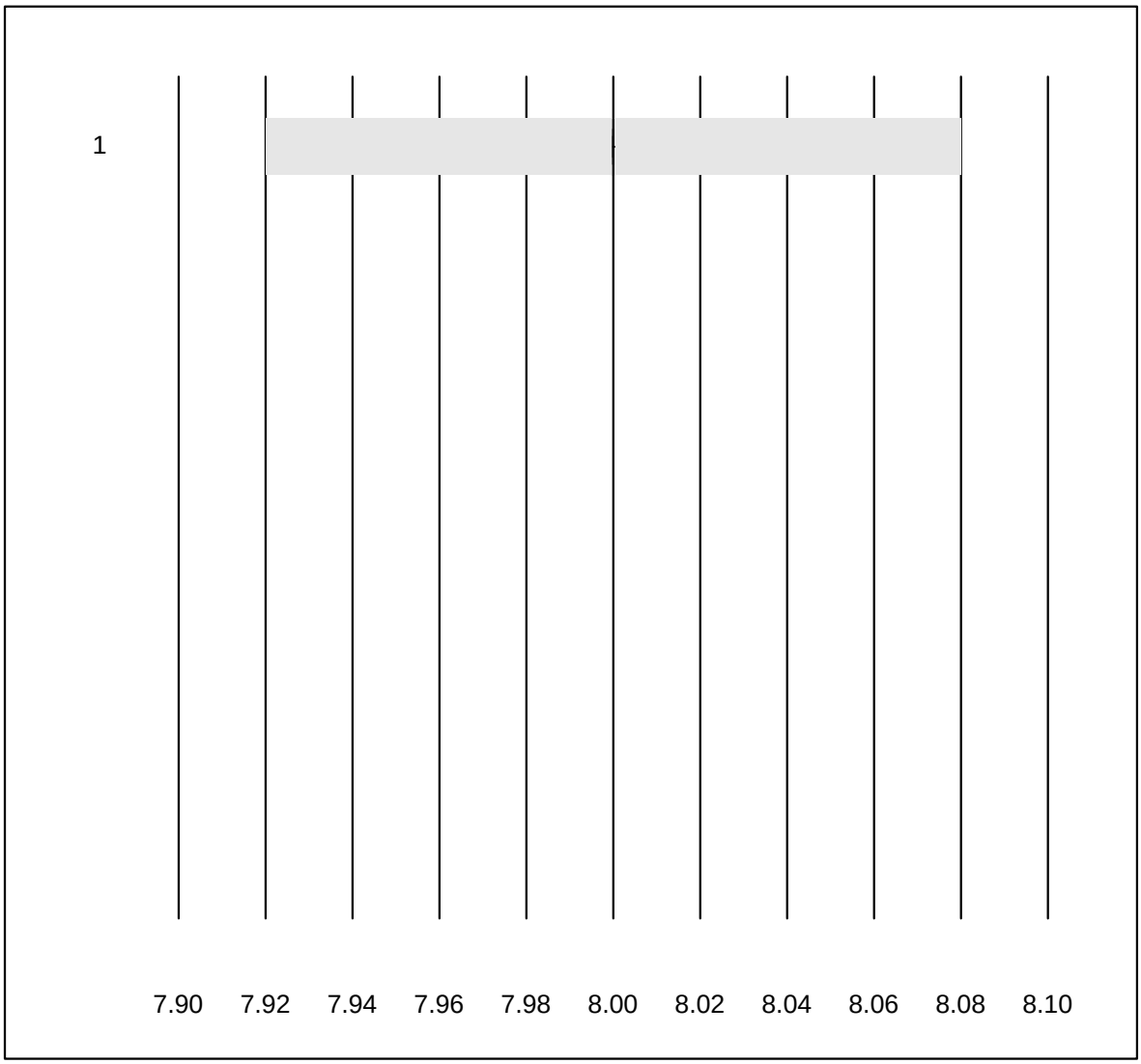


Tolleranza MQ : 30 %

gamma-Globuline (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	elettroforesi	6	100.0	0.0	0.0	10.6	4.2	e

Immunfixation

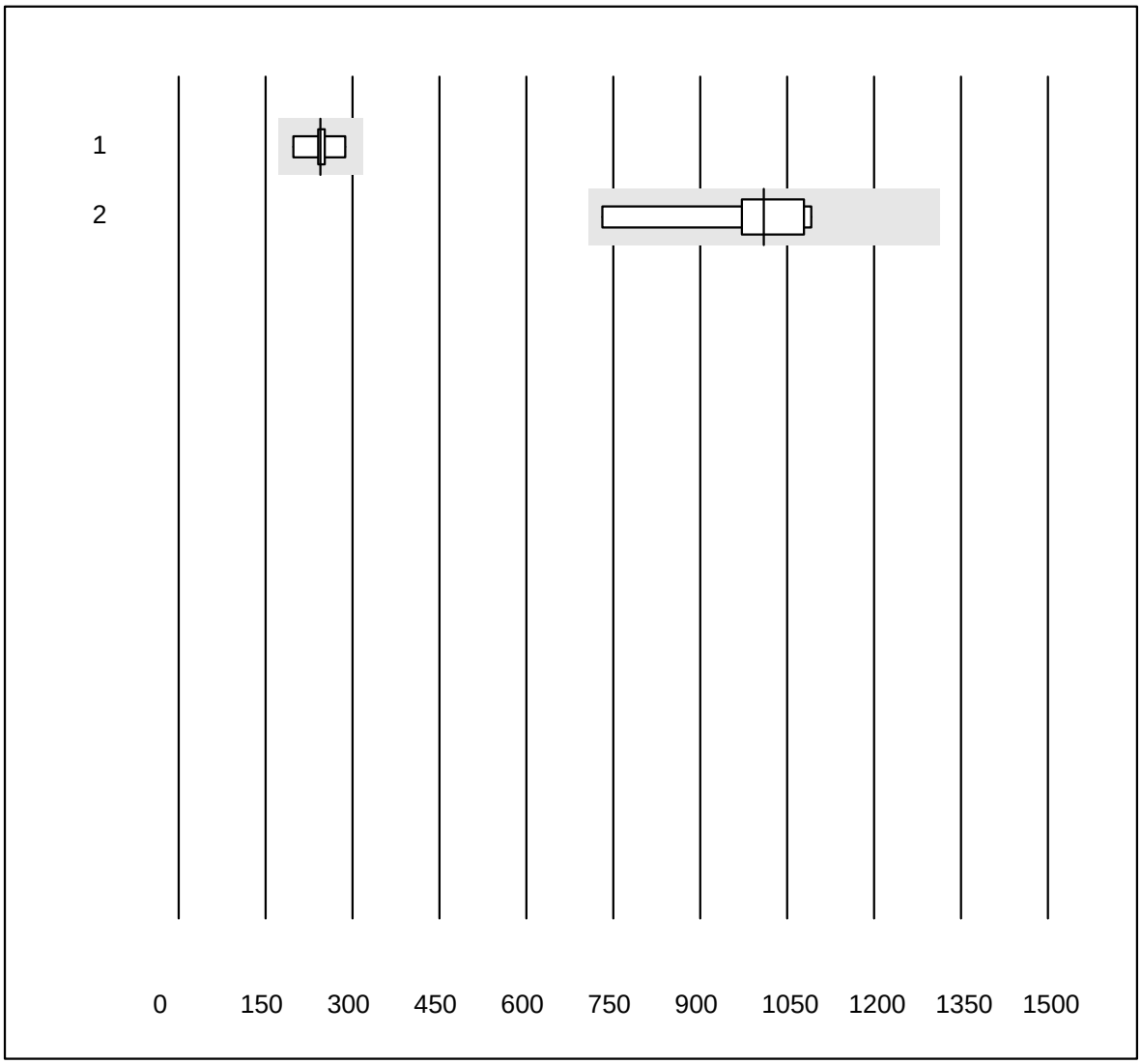


Tolleranza MQ : 1 %

Immunfixation (Code)

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

Folati eritrocitari

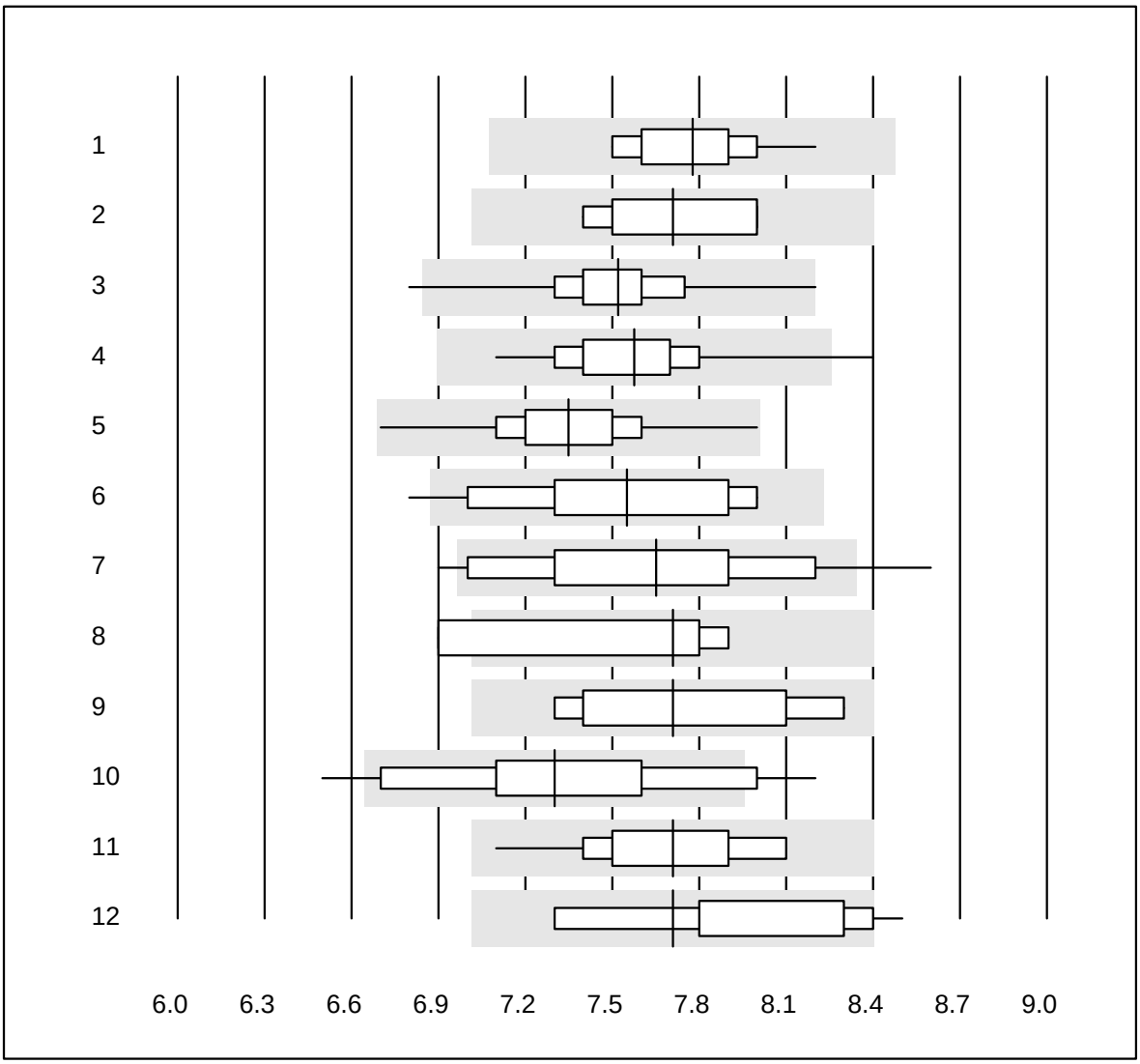


Tolleranza MQ : 25 %

Folati eritrocitari (nmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	6	83.3	0.0	16.7	245	13.0	a
2	Cobas	7	100.0	0.0	0.0	1010	12.3	a

HbA1c campione A

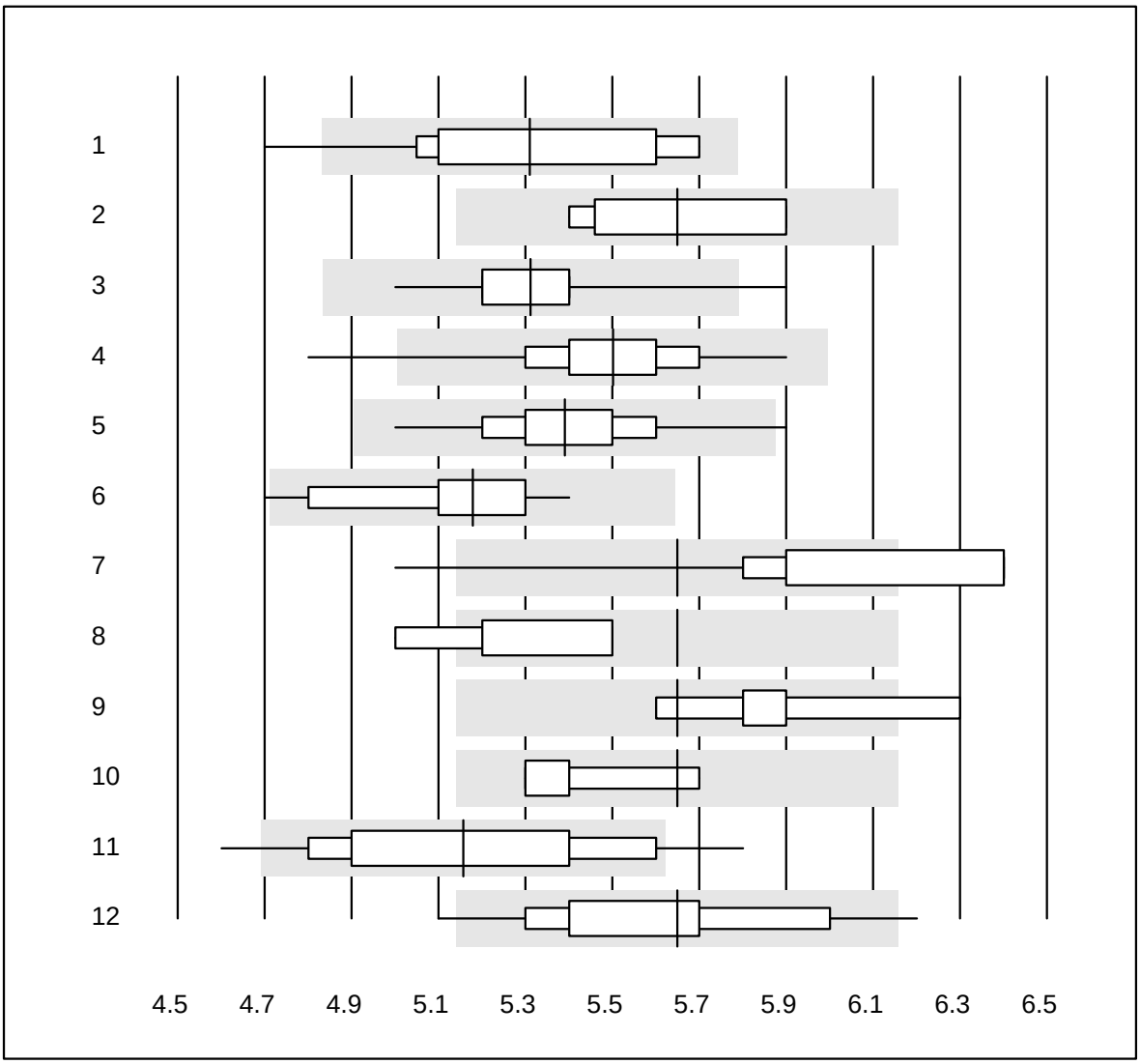


QUALAB Toleranz : 9 %

HbA1c campione A (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	15	100.0	0.0	0.0	7.8	2.6	e
2	HPLC	8	100.0	0.0	0.0	7.7	3.2	a
3	Afinion	577	99.2	0.3	0.5	7.5	2.5	e
4	Cobas b101	111	99.1	0.9	0.0	7.6	2.7	e
5	DCA2000/Vantage	169	100.0	0.0	0.0	7.3	2.7	e
6	Celltac chemi	18	94.4	5.6	0.0	7.6	4.9	e*
7	NycoCard	40	95.0	5.0	0.0	7.7	5.2	e
8	Eurolyser	9	55.6	33.3	11.1	7.7	5.8	a
9	Hemocue HbA1c 501	6	83.3	0.0	16.7	7.7	5.7	a
10	AFIAS	54	75.9	13.0	11.1	7.3	5.6	e
11	Andere	14	100.0	0.0	0.0	7.7	3.8	a
12	Spinit	11	81.8	9.1	9.1	7.7	4.8	a

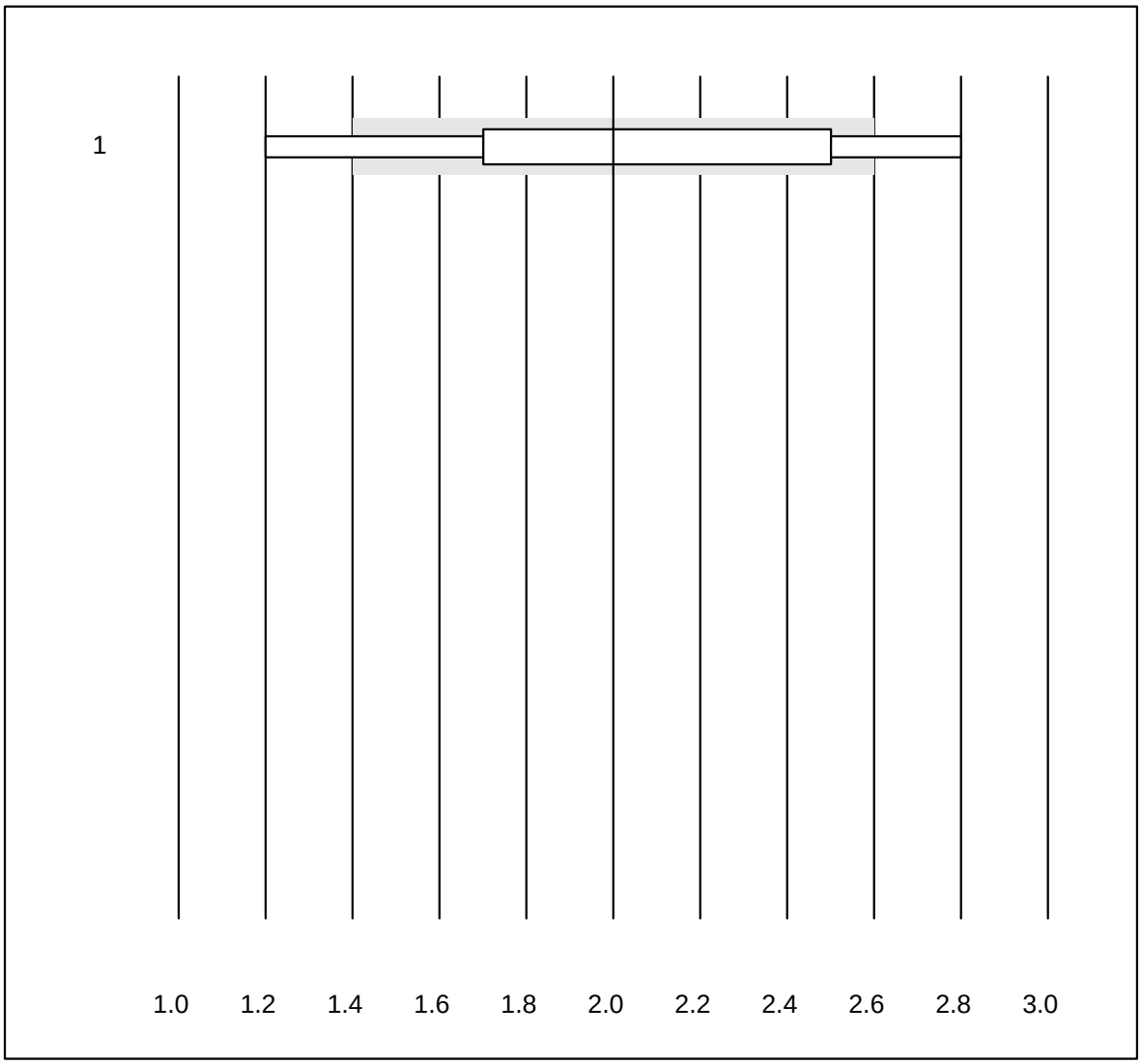
HbA1c campione B



QUALAB Toleranz : 9 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	16	87.4	6.3	6.3	5.3	5.5	e*
2	HPLC	8	100.0	0.0	0.0	5.7	3.9	a
3	Afinion	761	99.2	0.7	0.1	5.3	2.2	e
4	Cobas b101	116	98.3	1.7	0.0	5.5	3.1	e
5	DCA2000/Vantage	215	97.2	1.9	0.9	5.4	3.3	e
6	Celltac chemi	14	92.9	7.1	0.0	5.2	3.9	e
7	NycoCard	19	36.9	26.3	36.8	5.7	6.5	a
8	Eurolyser	8	75.0	12.5	12.5	5.7	3.6	a
9	Hemocue HbA1c 501	6	83.3	16.7	0.0	5.7	3.9	a
10	A1c Now	4	100.0	0.0	0.0	5.7	3.2	a
11	AFIAS	72	87.5	9.7	2.8	5.2	6.0	e
12	Andere	12	83.3	16.7	0.0	5.7	5.5	a

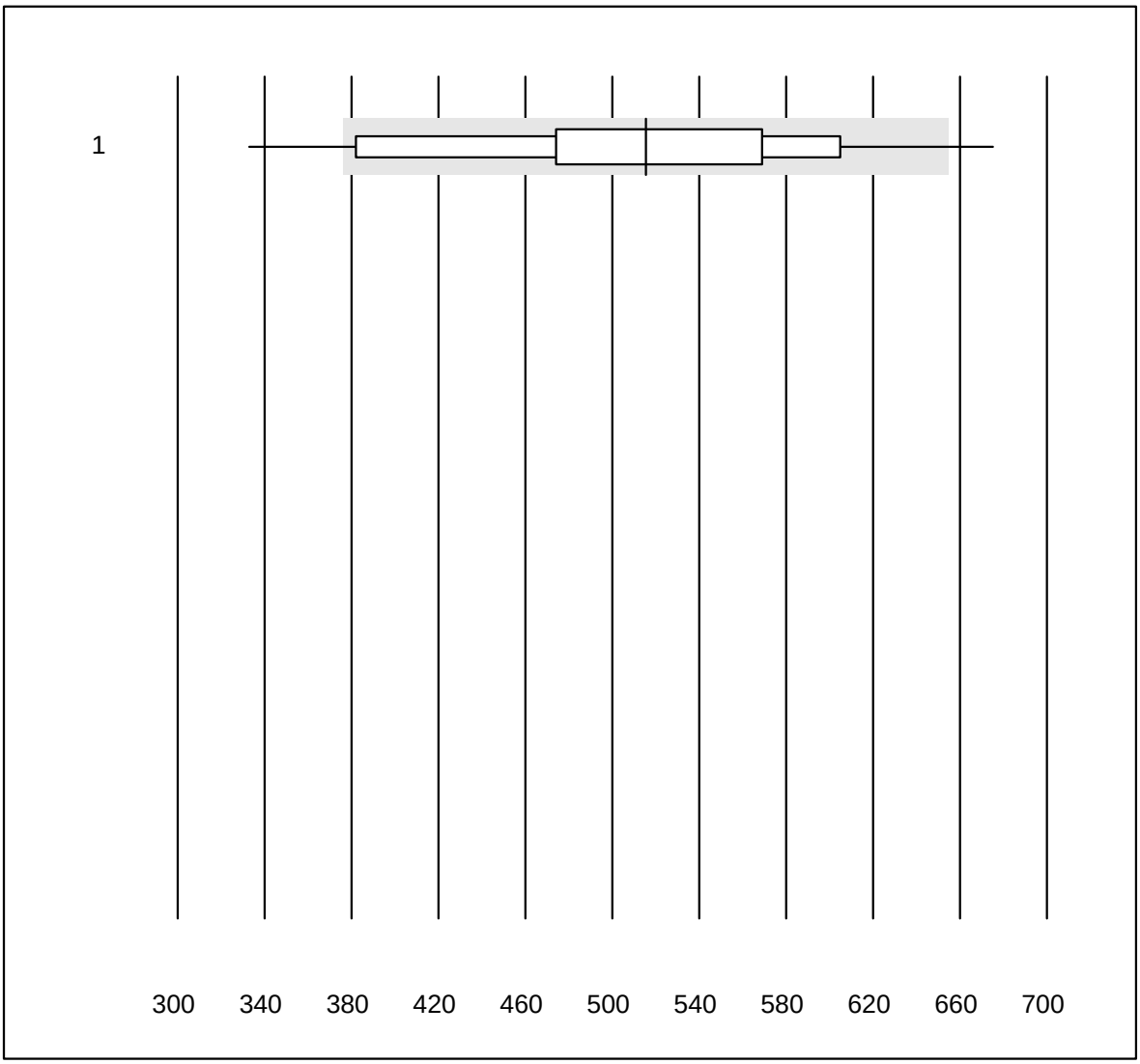
Gallensäure



Tolleranza MQ : 30 %
(< 5.0: +/- 1.5 µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	7	71.4	28.6	0.0	2.0	28.0	a

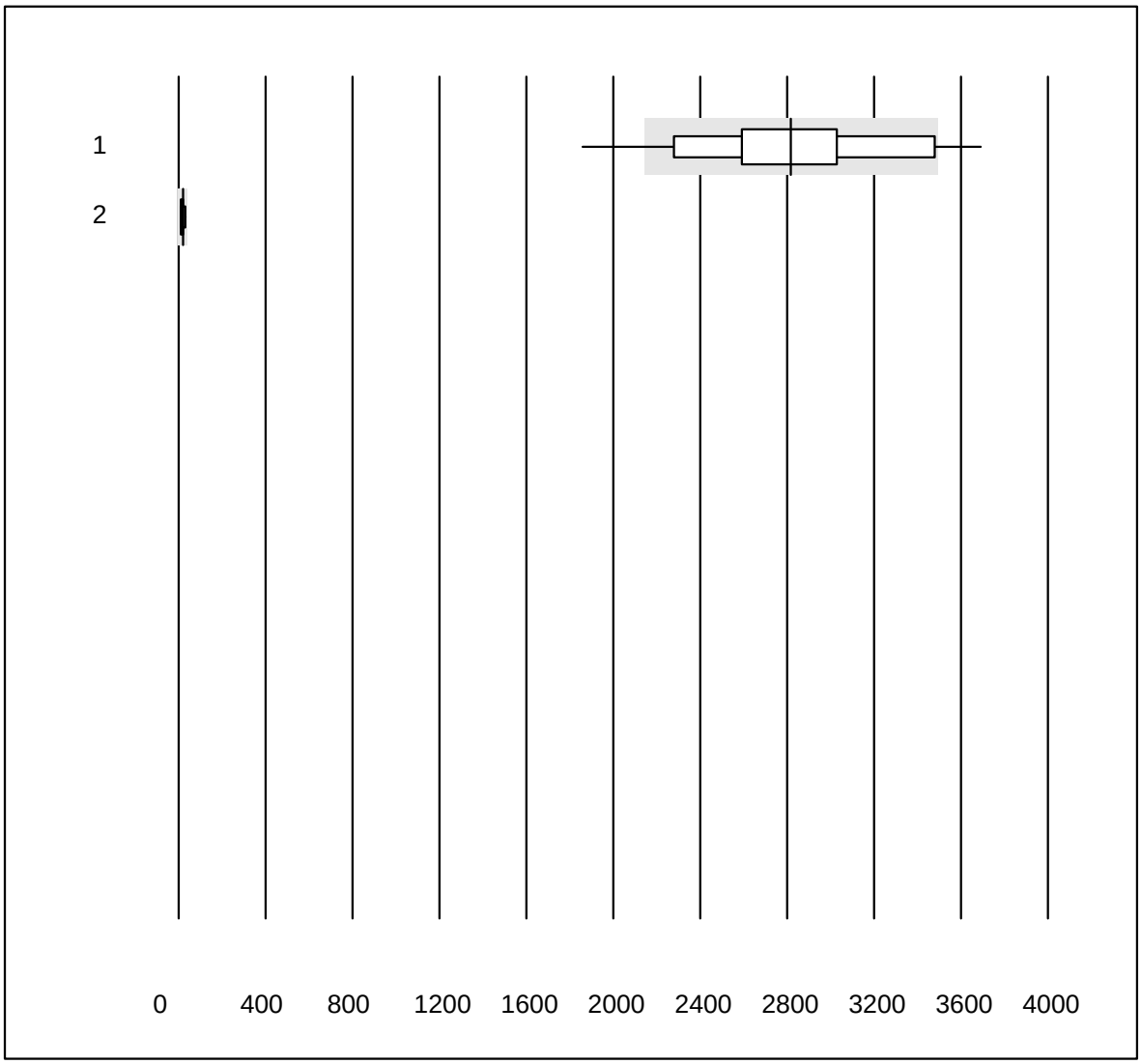
BNP



QUALAB Toleranz : 27 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Triage	25	80.0	12.0	8.0	515.5	17.0	e*

Troponin Triage

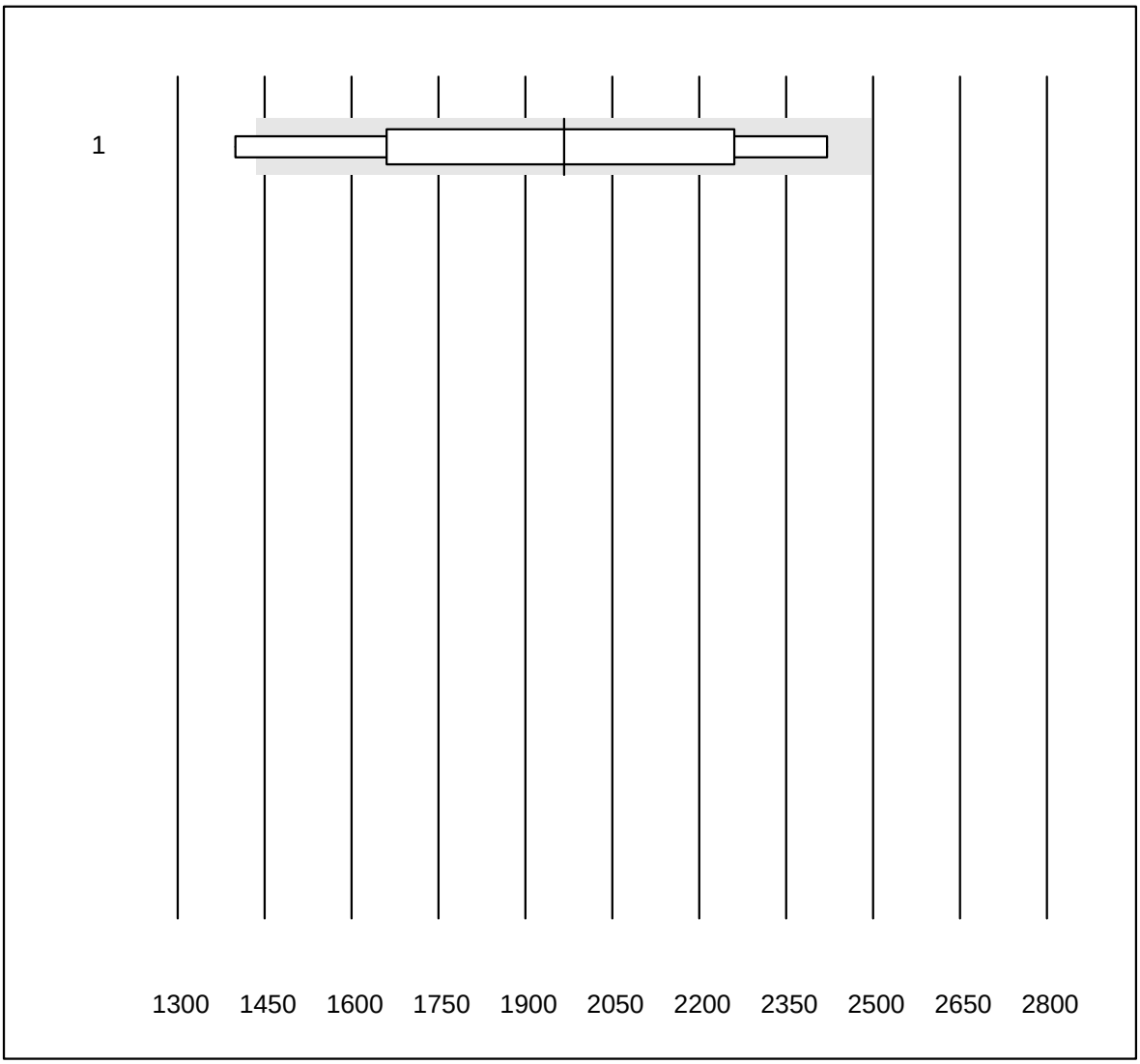


QUALAB Toleranz : 24 %

Troponin Triage (ng/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Triage SOB/Cardiac	15	66.7	13.3	20.0	2817.54	18.4	e*
2	Triage Next Gen	20	100.0	0.0	0.0	20.00	44.9	a

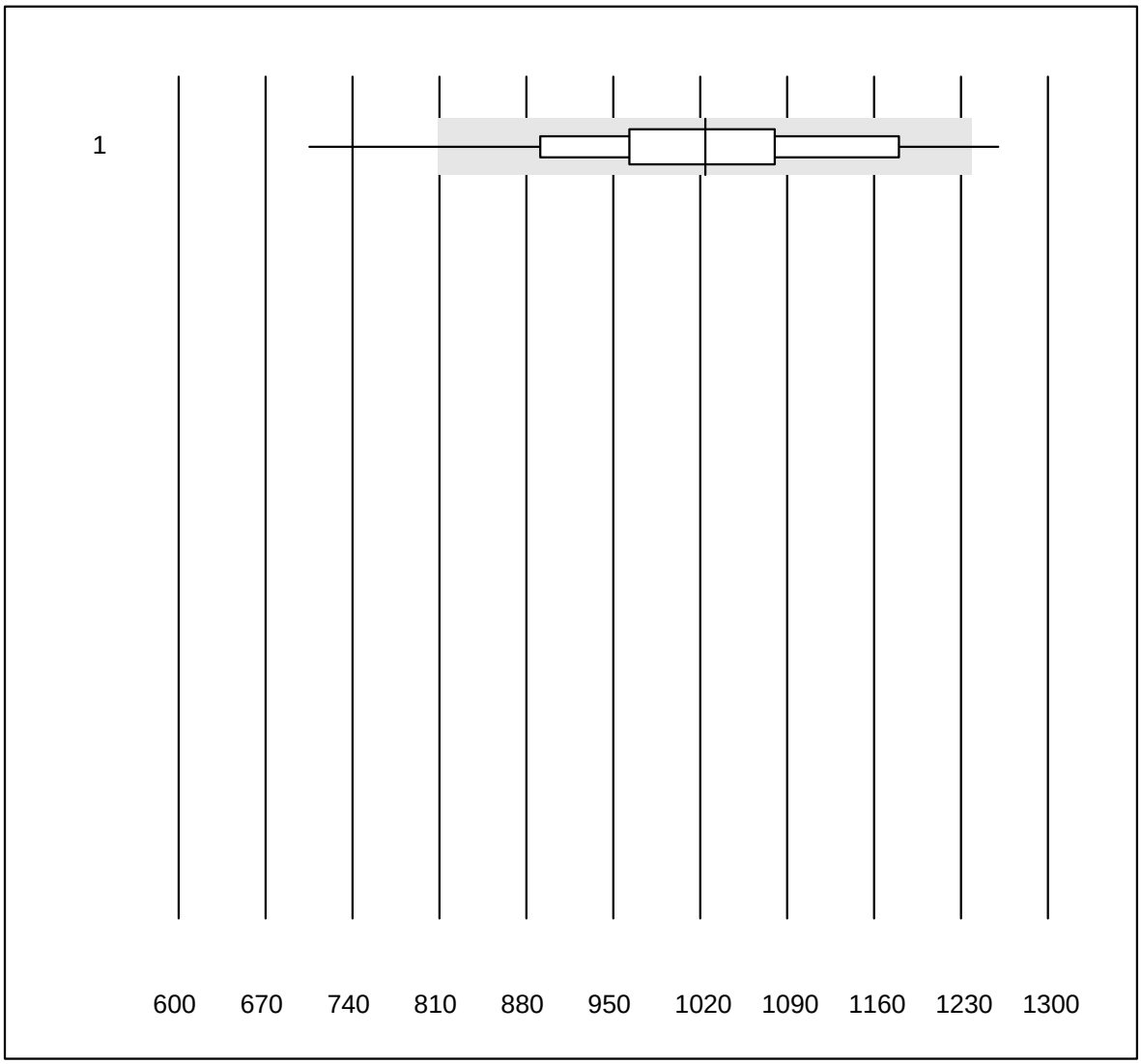
NT-pro BNP



QUALAB Toleranz : 27 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Triage	10	70.0	20.0	10.0	1967	20.1	e*

D-Dimere Triage

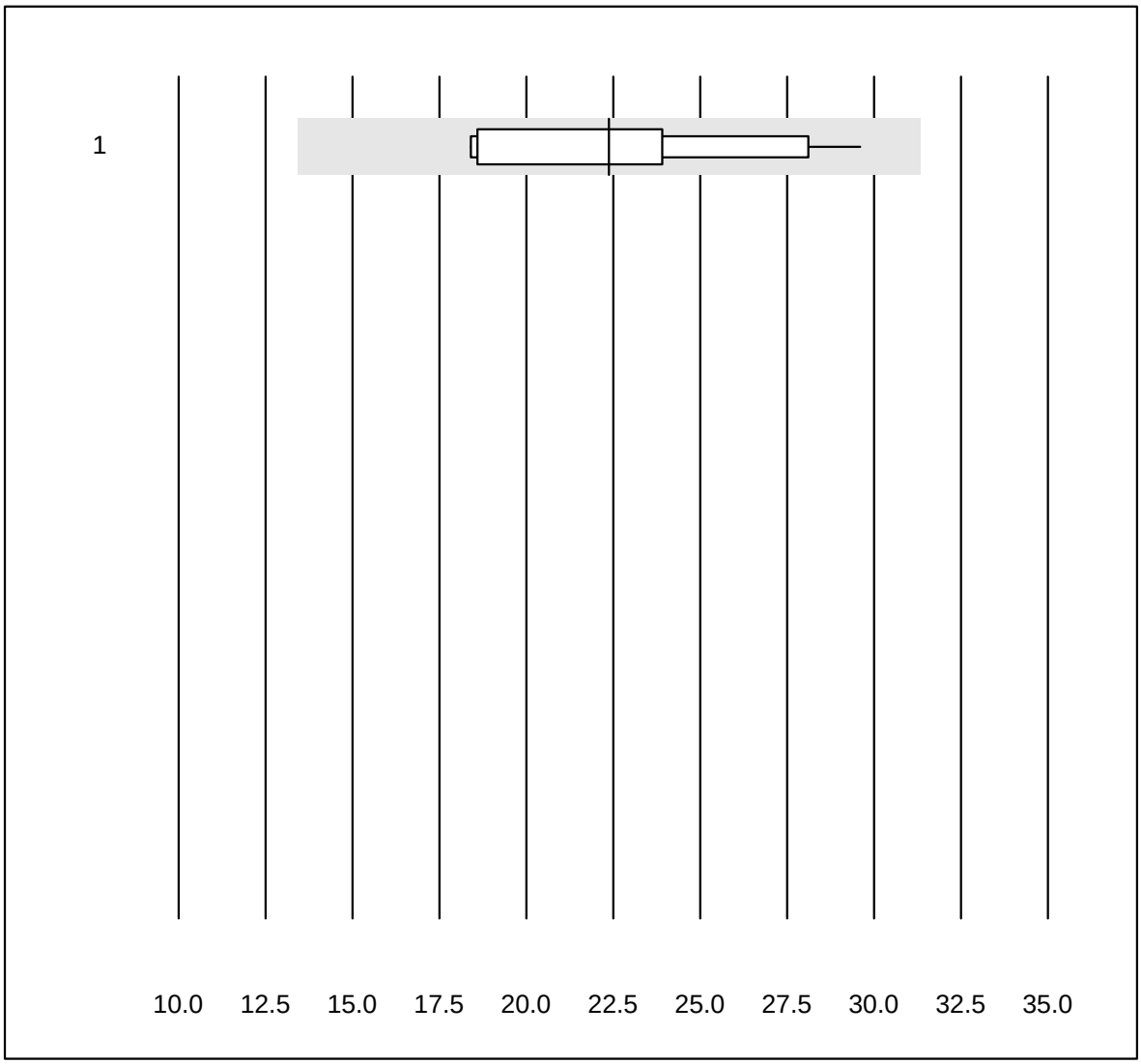


QUALAB Toleranz : 21 %

D-Dimere Triage (ng/ml)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Triage	38	92.1	5.3	2.6	1023.97	10.7	e

CK-MB Triage



Tolleranza MQ : 40 %

CK-MB Triage (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Triage	13	92.3	0.0	7.7	22.4	16.4	e

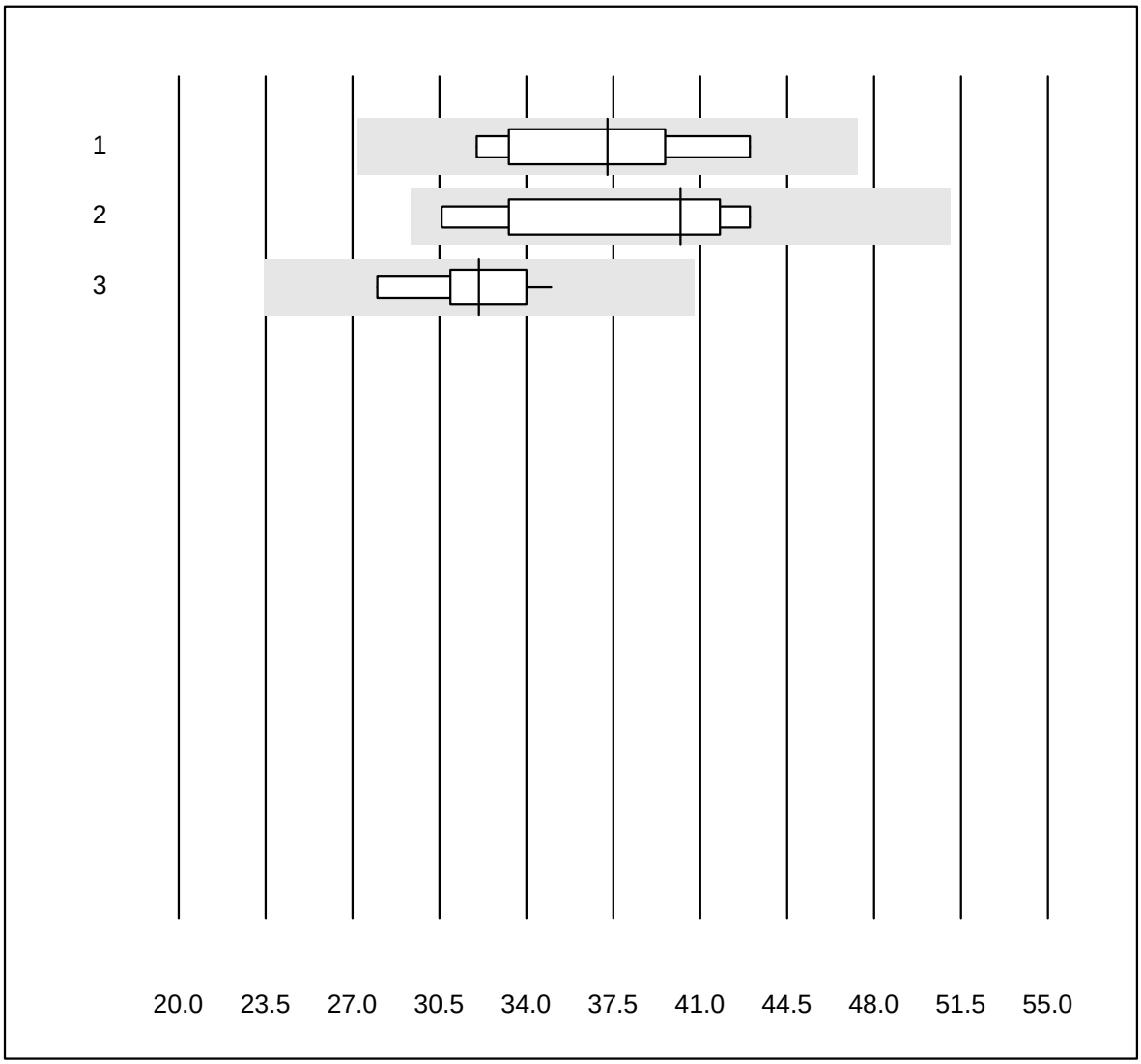
Myoglobin Triage

QUALAB Toleranz : 30 %

Myoglobin Triage (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Triage	11	90.9	9.1	0.0	173.0	14.8	e*

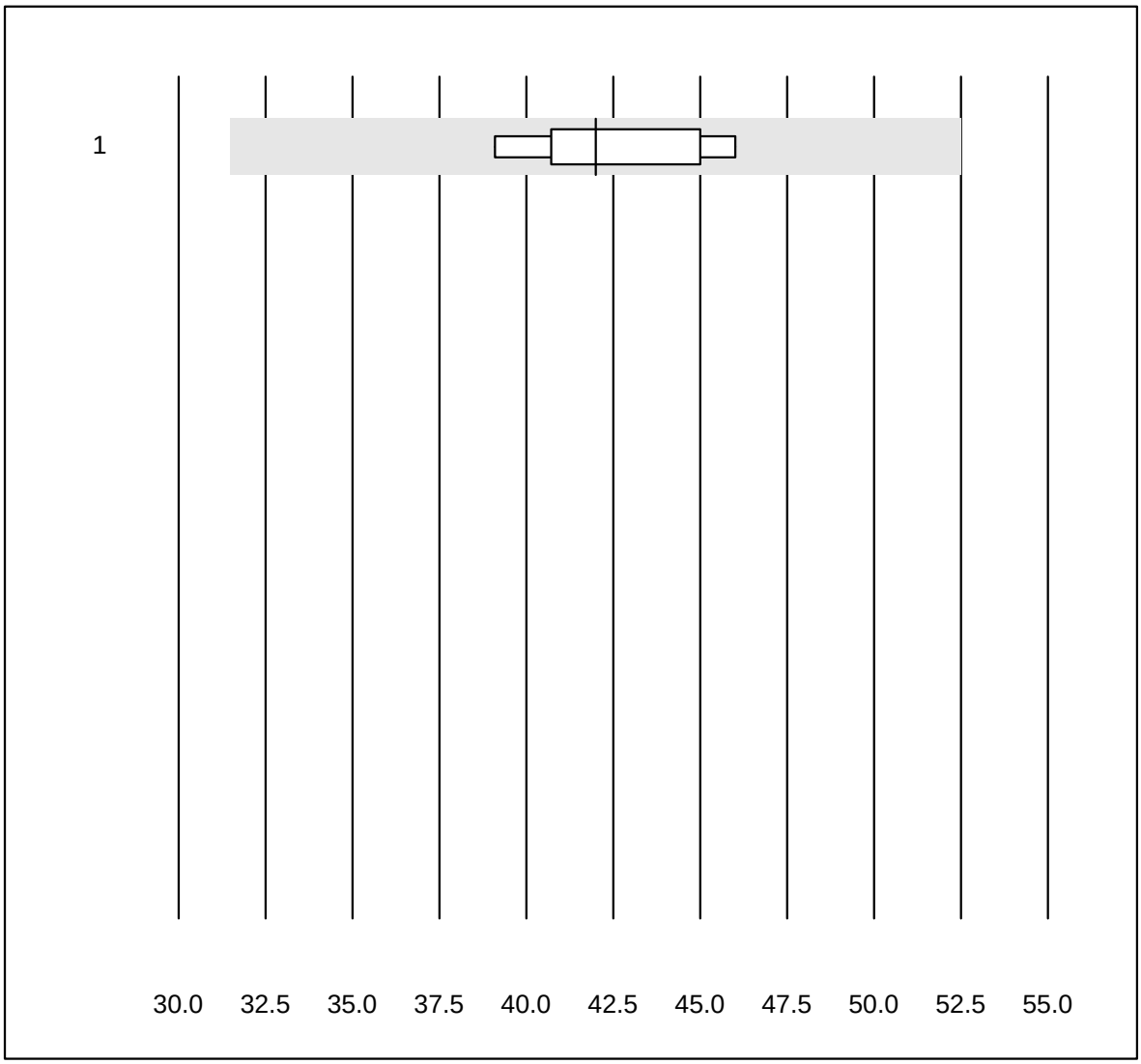
25-OH Vitamin D



QUALAB Toleranz : 27 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	8	100.0	0.0	0.0	37.3	11.1	e*
2	VIDAS	8	100.0	0.0	0.0	40.2	12.1	e*
3	Architect	11	100.0	0.0	0.0	32.1	7.5	e

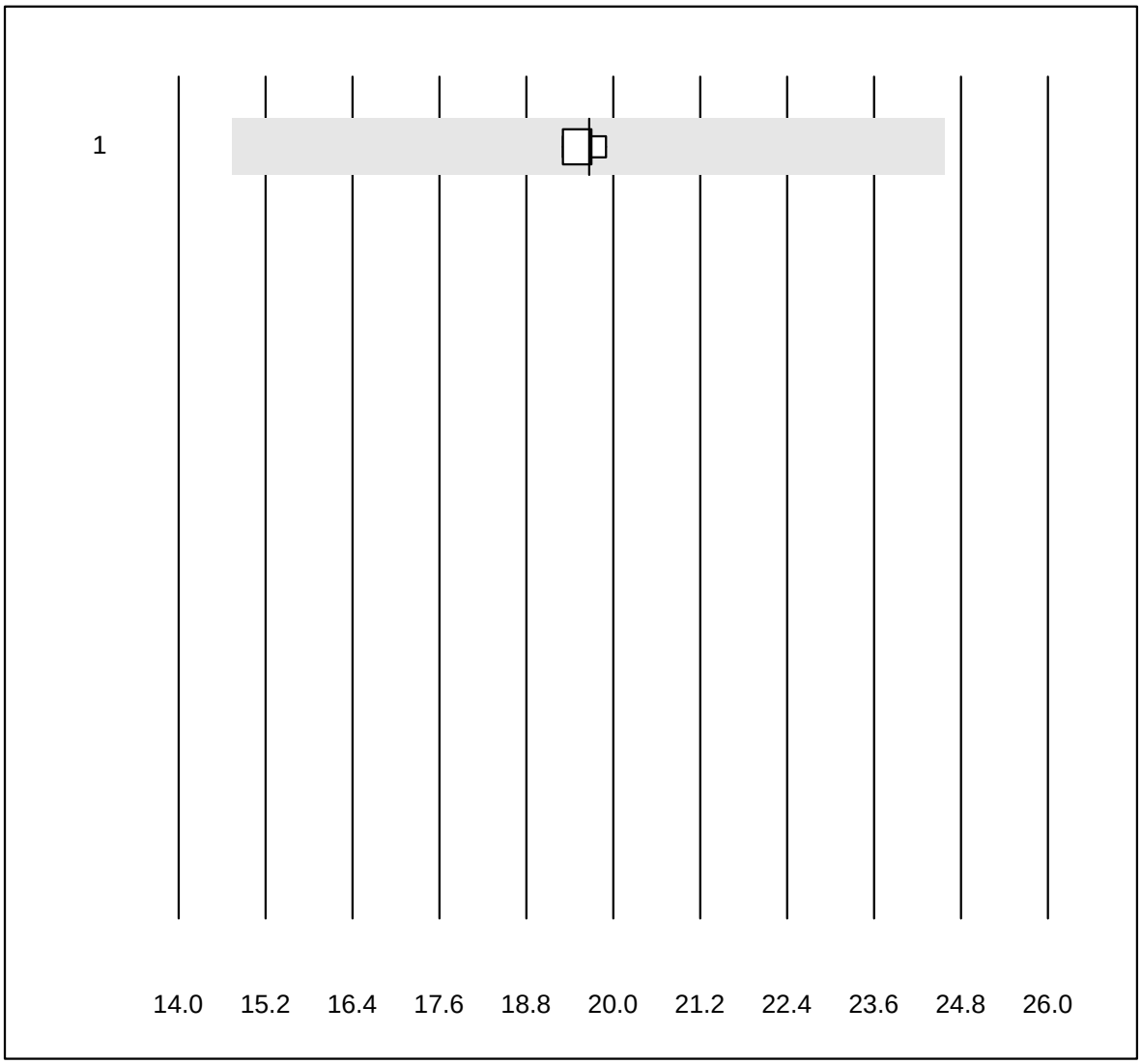
AMH



Tolleranza MQ : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	9	100.0	0.0	0.0	42.0	6.0	e

Calcitonin

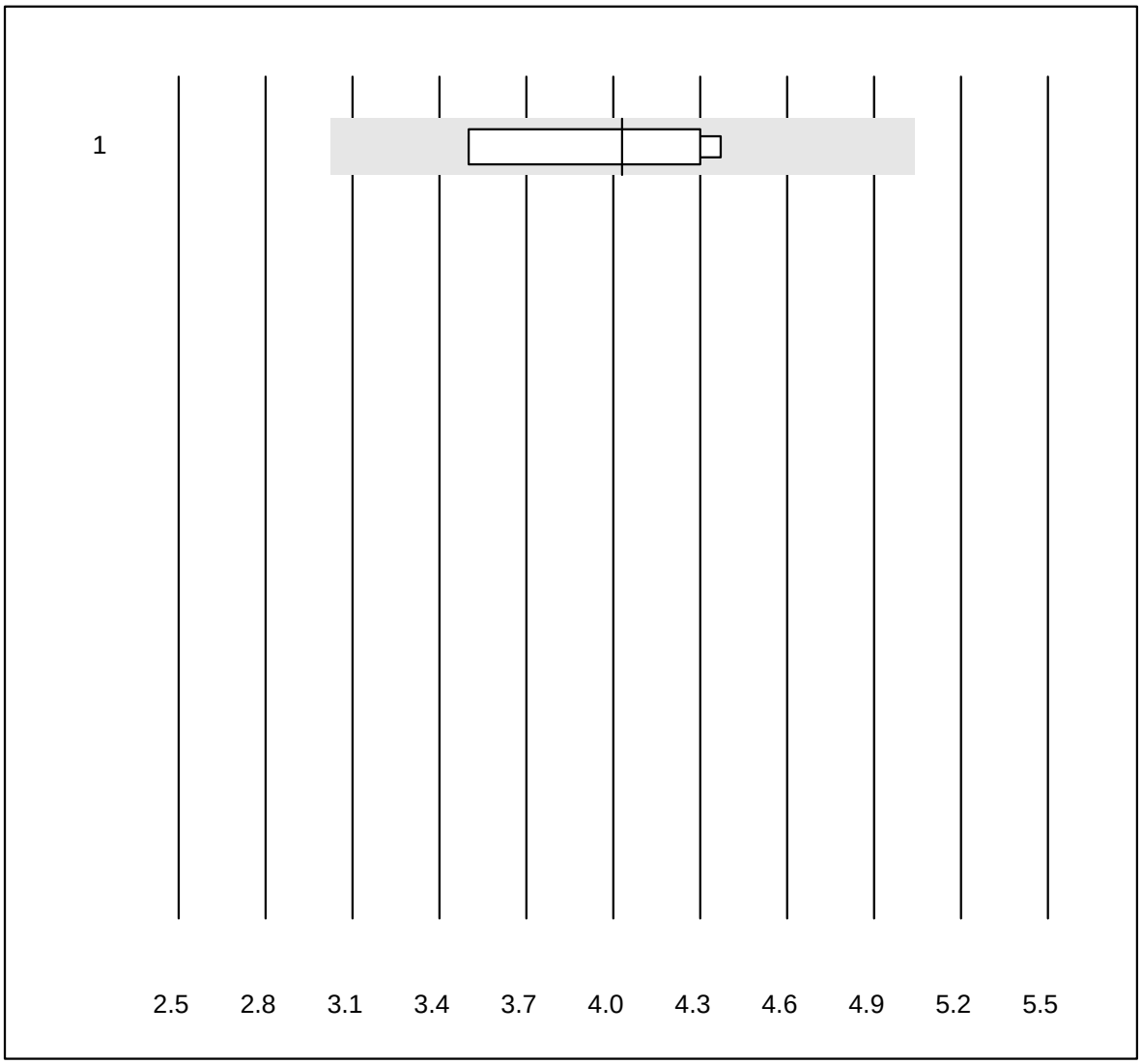


Tolleranza MQ : 25 %

Calcitonin (pmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	19.7	1.3	e

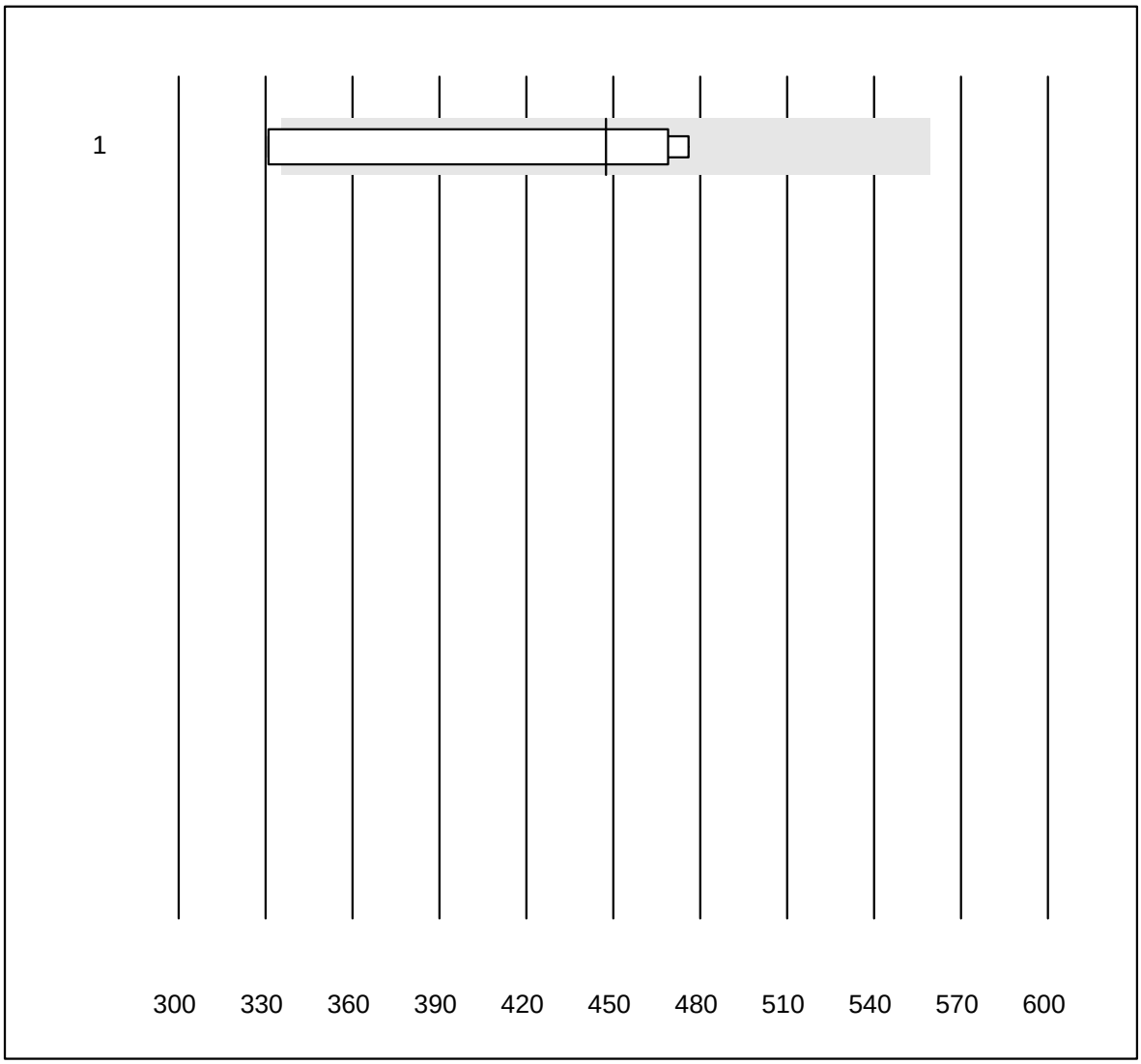
IGF-BP3



Tolleranza MQ : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	4	100.0	0.0	0.0	4.03	10.6	e*

Anti Thyreoglobulin

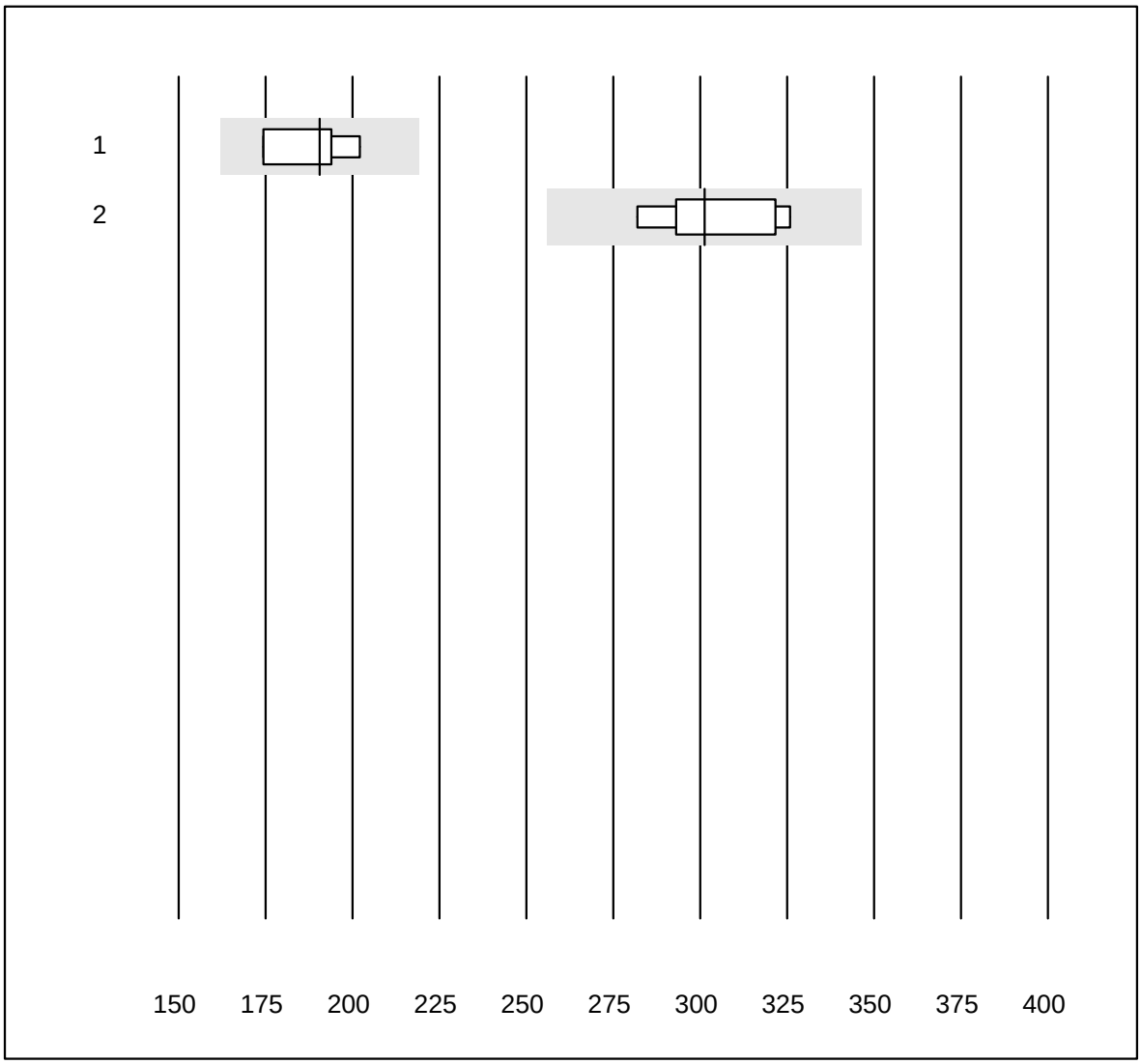


Tolleranza MQ : 25 %

Anti Thyreoglobulin (IU/ml)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	4	75.0	25.0	0.0	448	15.7	e*

Anti TPO

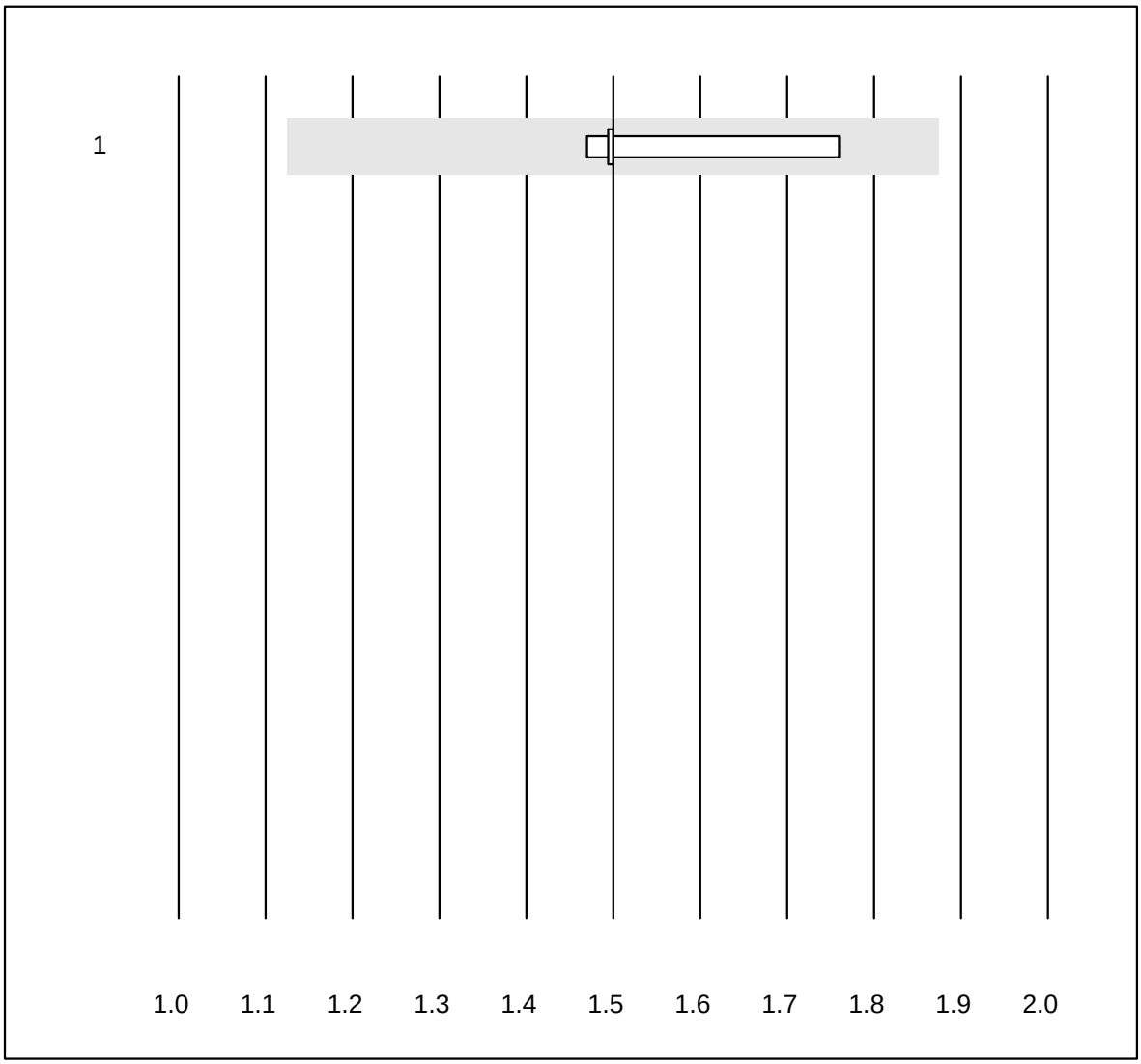


QUALAB Toleranz : 15 %

Anti TPO (IU/ml)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	4	100.0	0.0	0.0	191	6.2	e*
2	Architect	5	100.0	0.0	0.0	301	6.1	e*

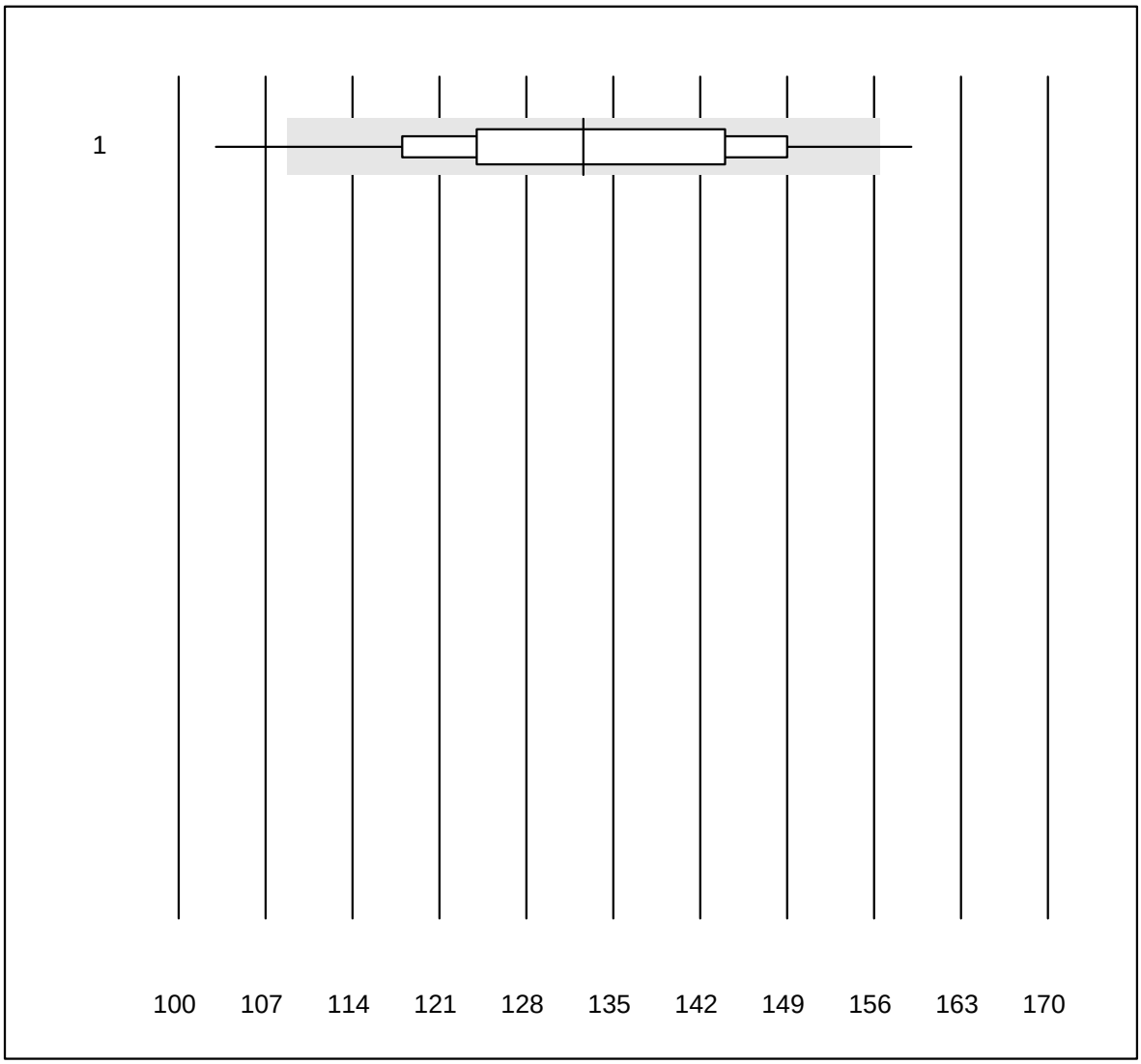
TRAK



Tolleranza MQ : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	5	100.0	0.0	0.0	1.50	7.8	e*

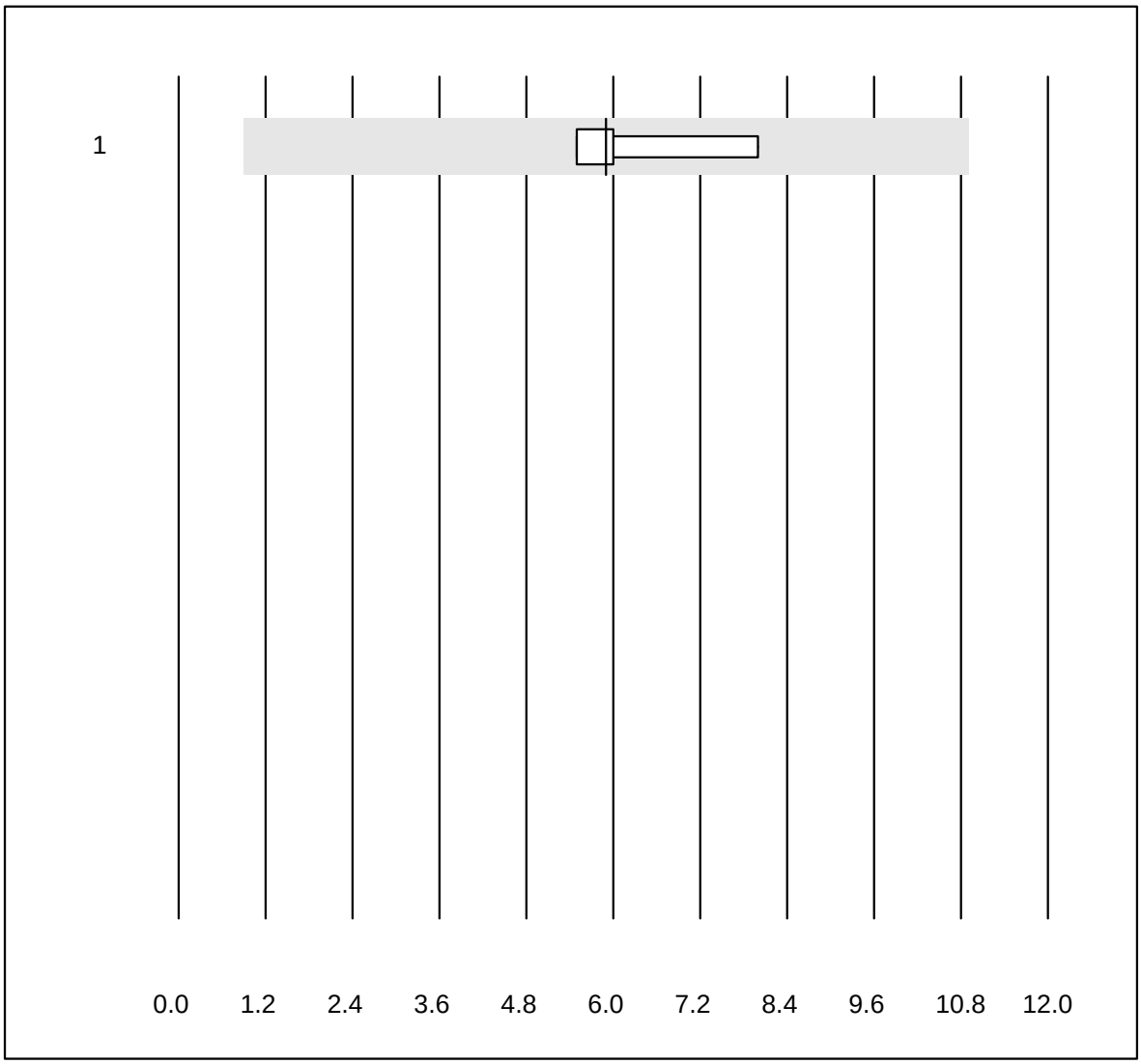
Creatinina WB



QUALAB Toleranz : 18 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Statsensor i / Nova	34	79.4	11.8	8.8	133	10.6	e

Amilasi pancr. urina

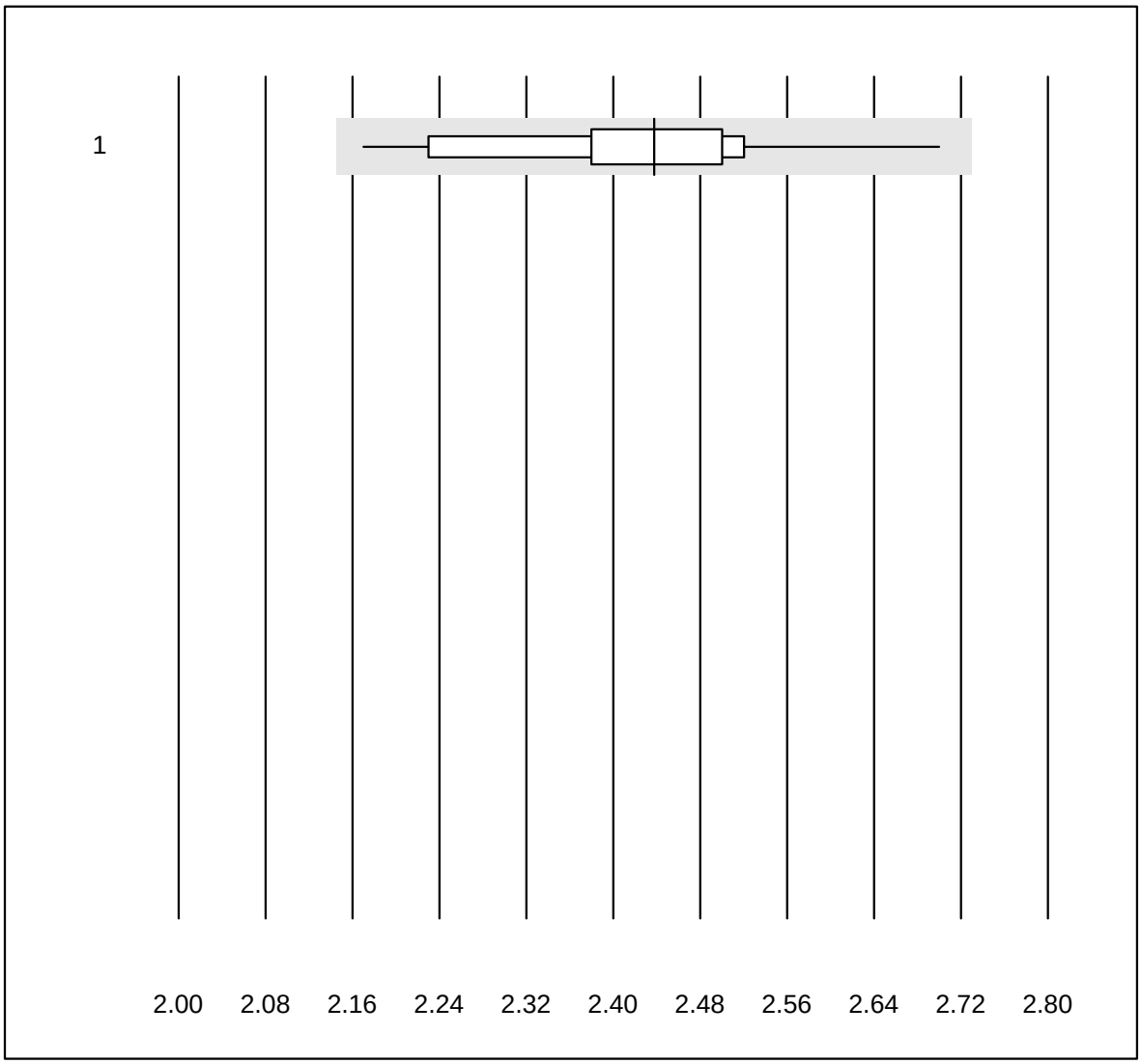


QUALAB Toleranz : 18 %
(< 25.0: +/- 5.0 U/l)

Amilasi pancr. urina (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	IFCC	4	100.0	0.0	0.0	5.9	18.0	e*

Calcio-urine

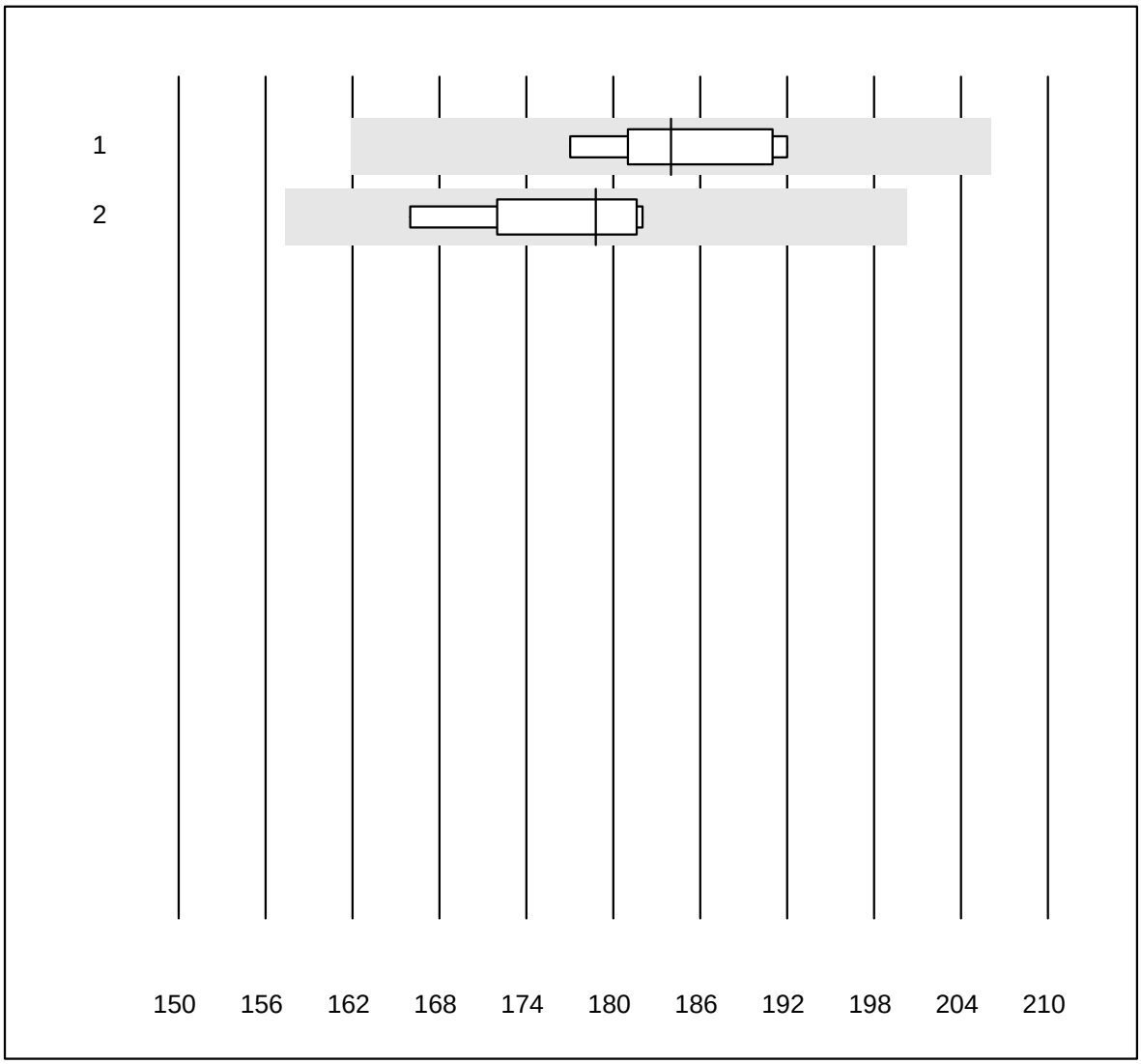


Tolleranza MQ : 12 %

Calcio-urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	17	100.0	0.0	0.0	2.44	5.1	e

Cloro-urine

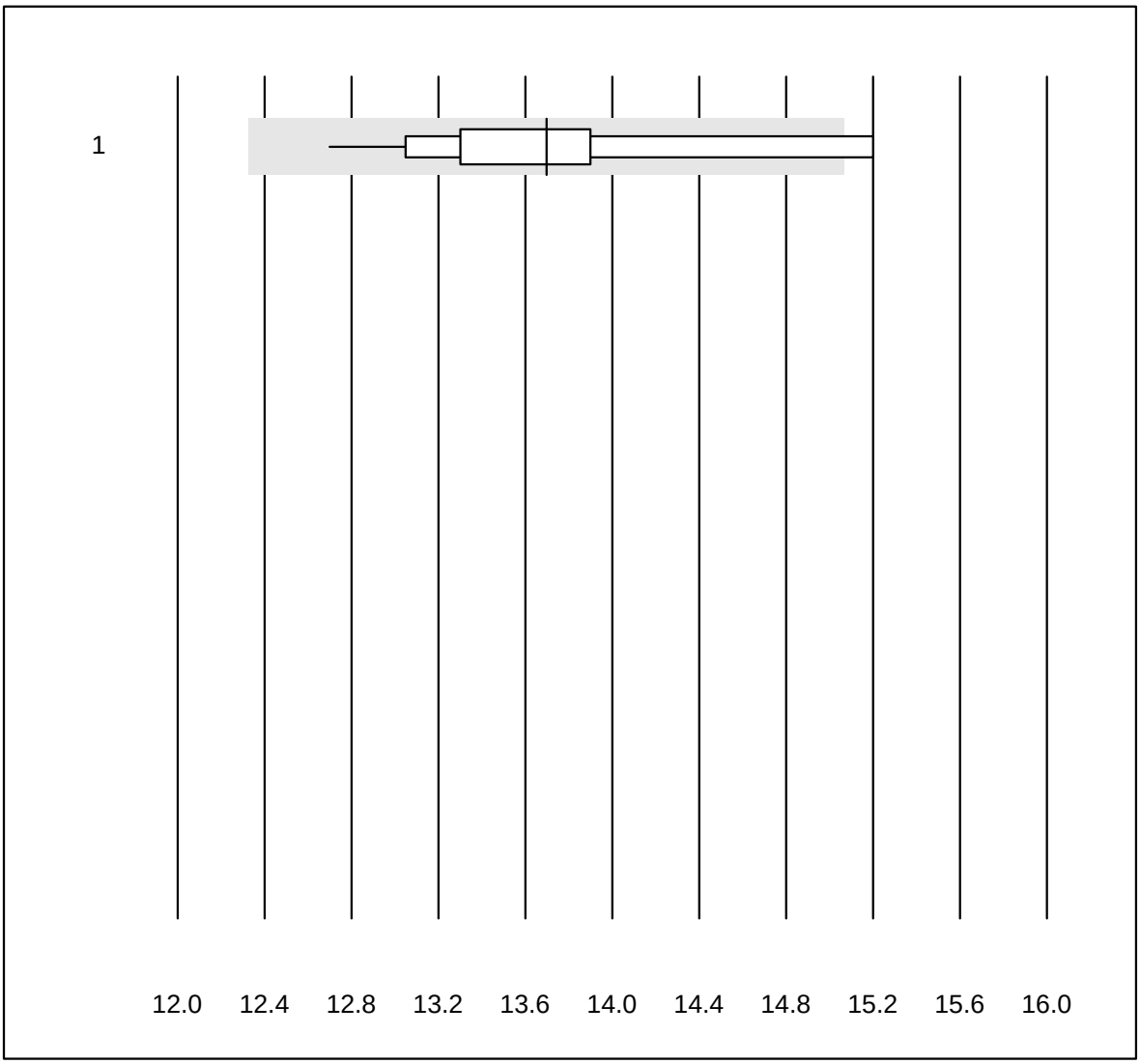


Tolleranza MQ : 12 %

Cloro-urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	7	100.0	0.0	0.0	184	3.0	e
2	Cobas	6	100.0	0.0	0.0	179	3.6	e*

Glucosio-urine

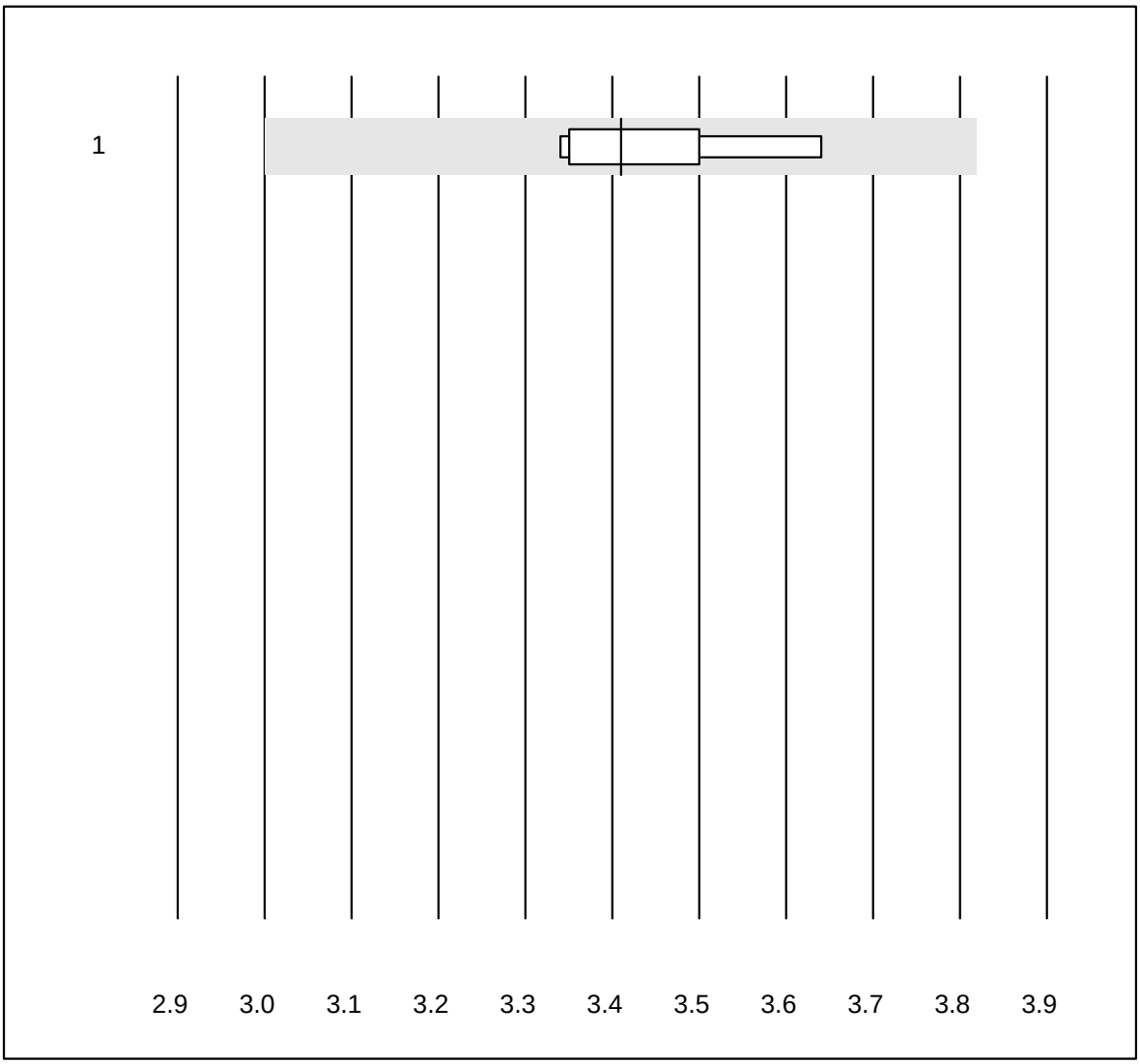


Tolleranza MQ : 10 %

Glucosio-urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	20	85.0	10.0	5.0	13.7	4.6	e

Magnesio-urine

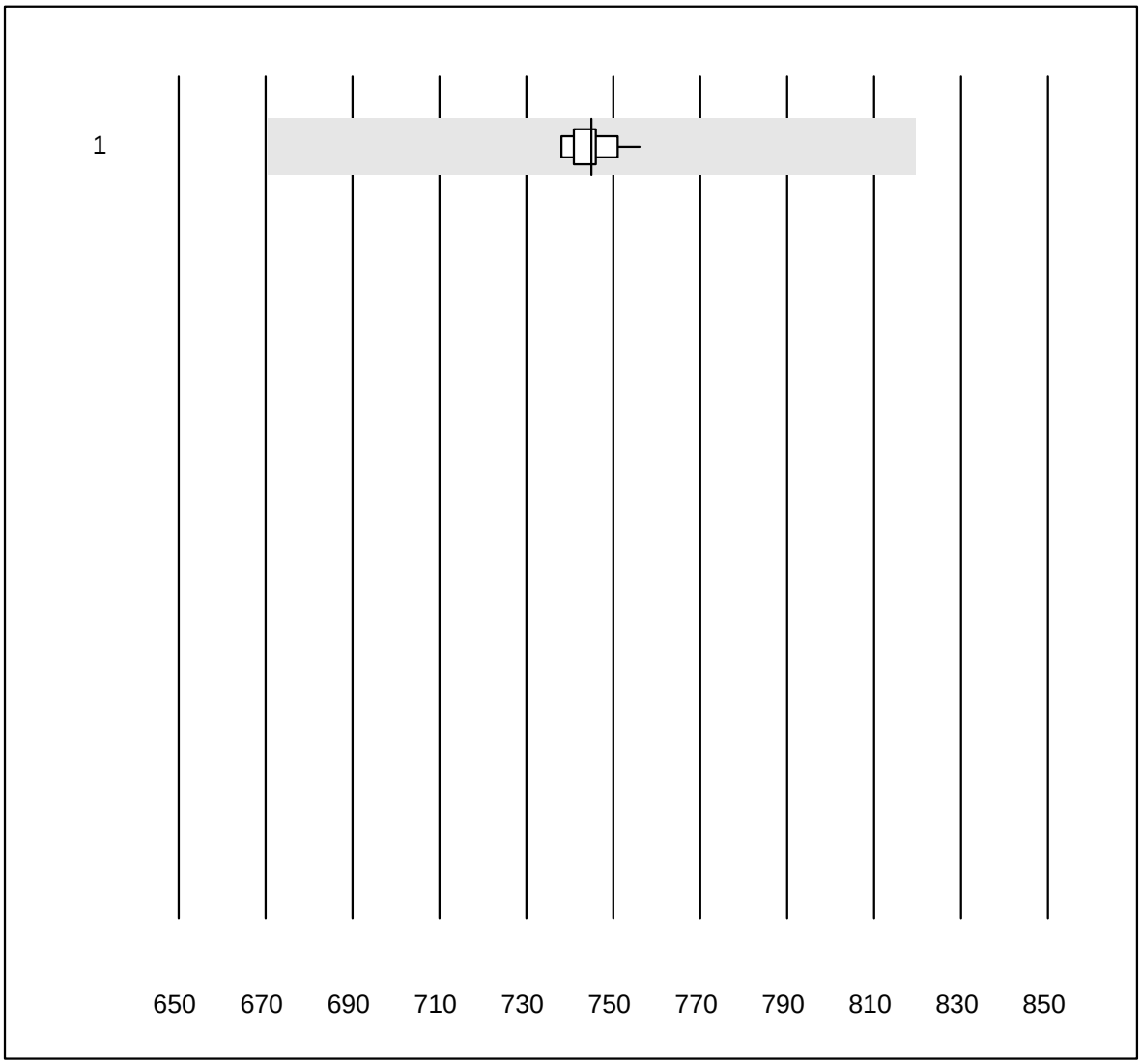


Tolleranza MQ : 12 %

Magnesio-urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	8	100.0	0.0	0.0	3.41	3.3	e

Osmolalità-urine

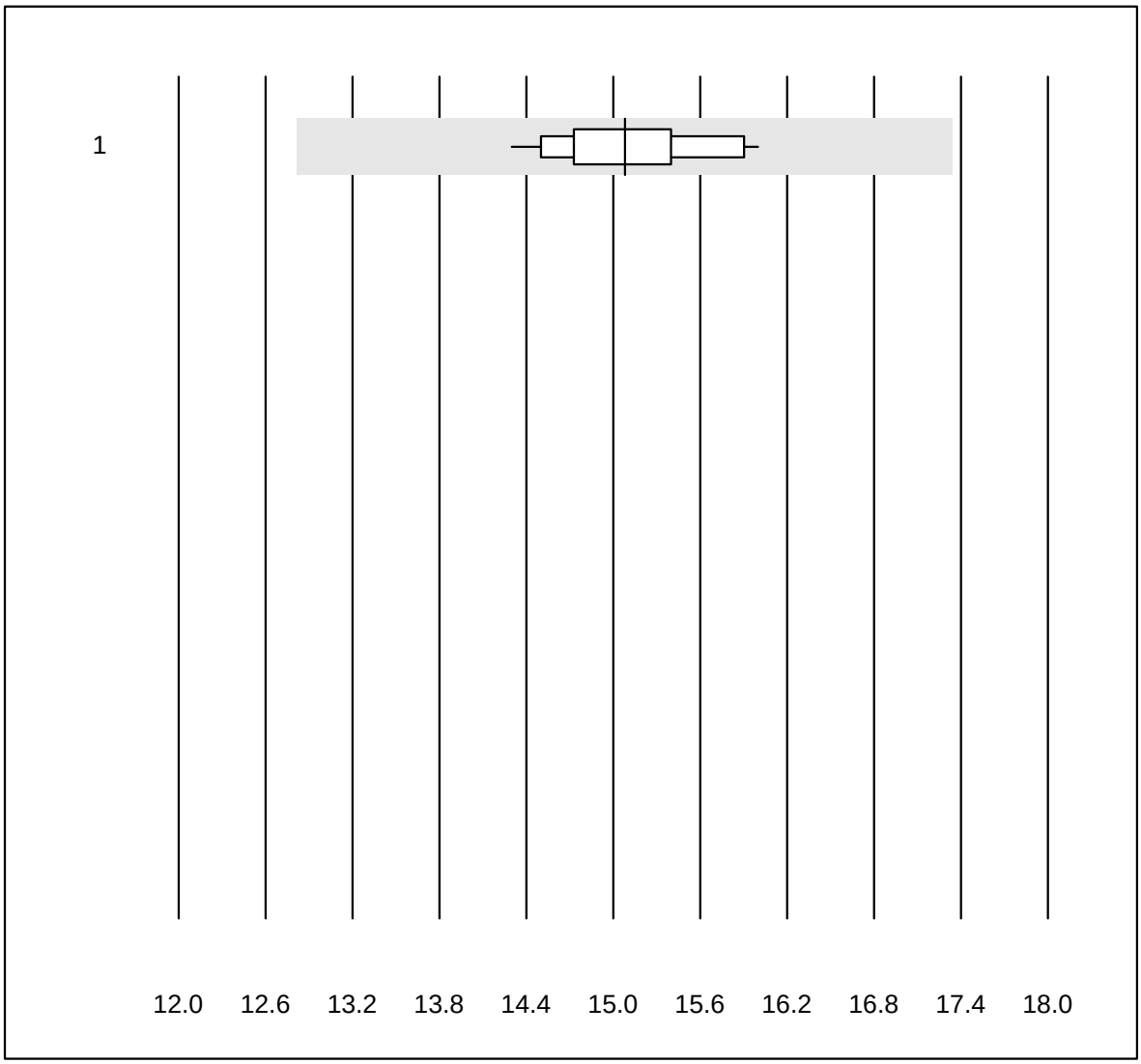


Tolleranza MQ : 10 %

Osmolalità-urine (mosm/kg)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cryoscopie	10	100.0	0.0	0.0	745	0.7	e

Fosforo-urine

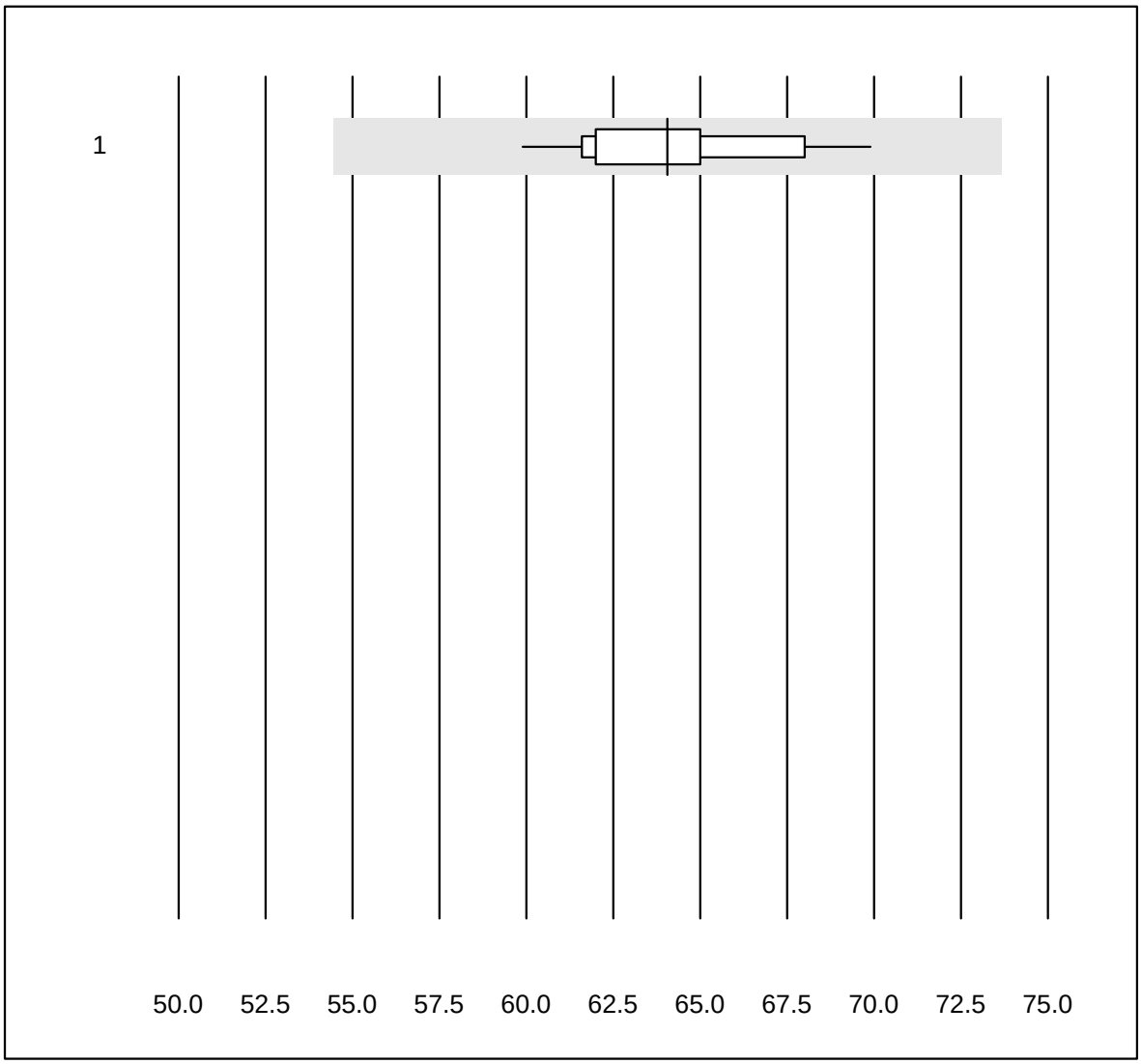


Tolleranza MQ : 15 %

Fosforo-urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	15	100.0	0.0	0.0	15.1	3.2	e

Potassio-urine

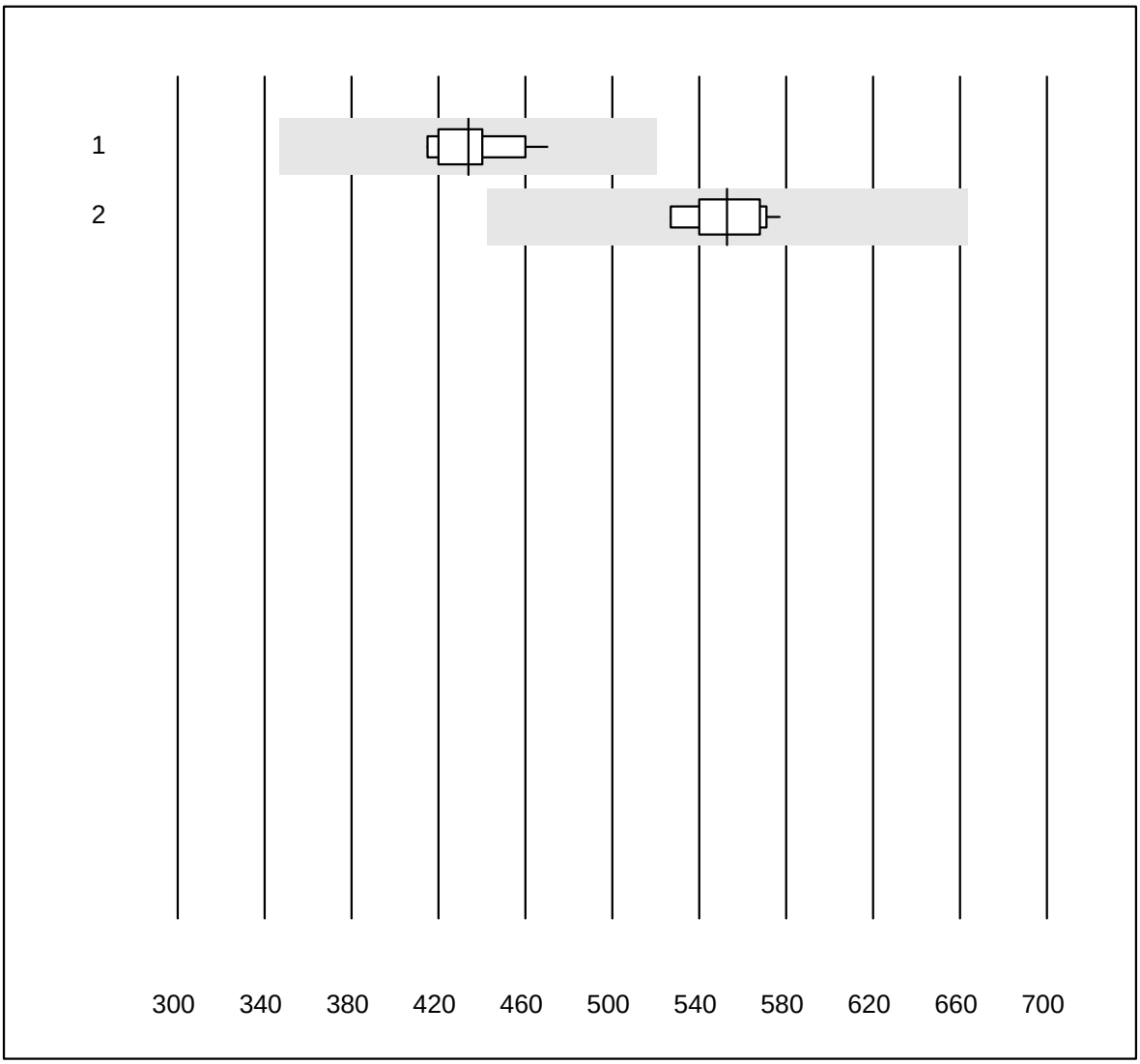


Tolleranza MQ : 15 %

Potassio-urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	24	100.0	0.0	0.0	64	3.9	e

Proteina-urina

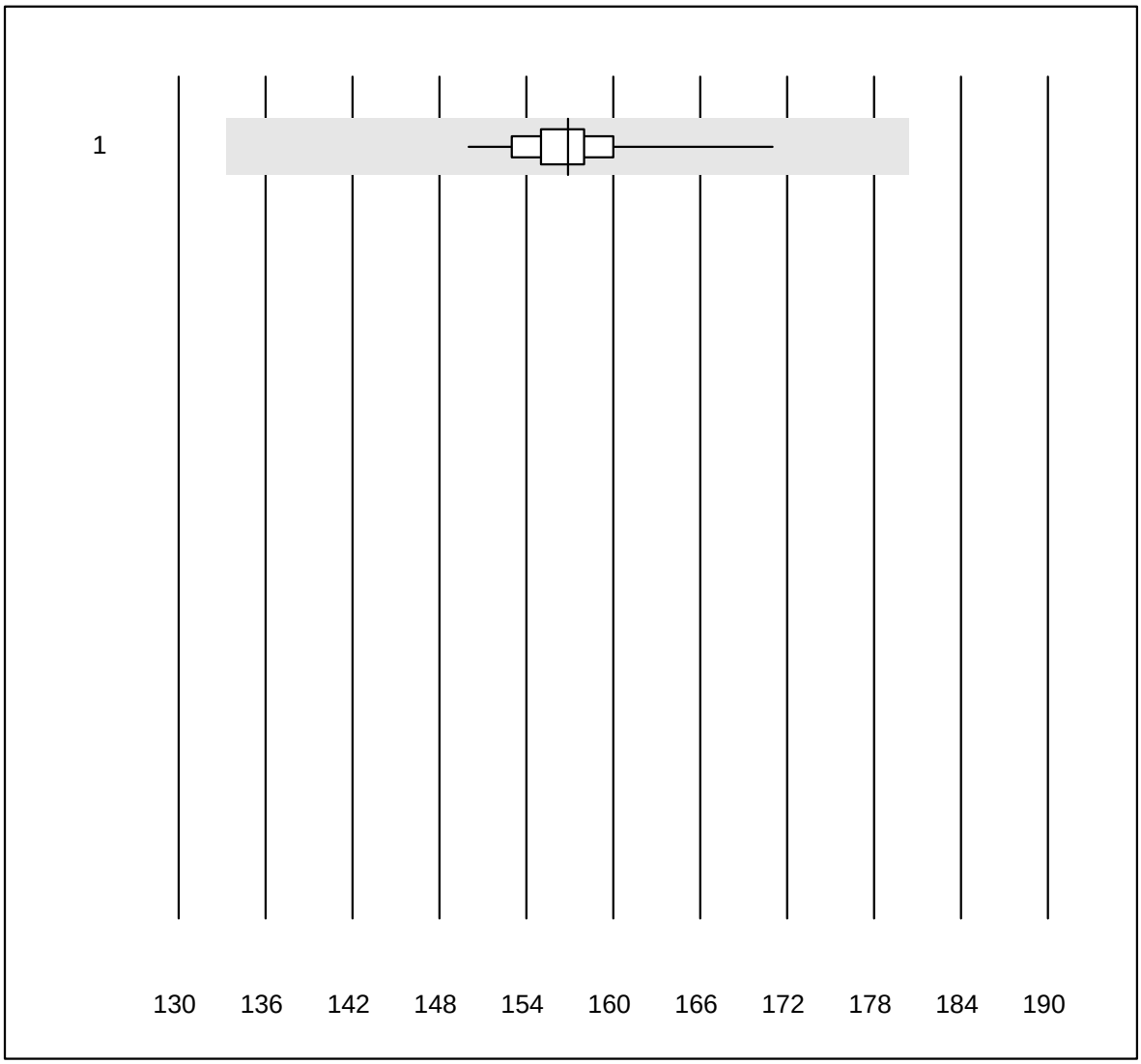


Tolleranza MQ : 20 %

Proteina-urina (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas/Roche	13	100.0	0.0	0.0	433.8	4.0	e
2	Chimica umida	10	100.0	0.0	0.0	552.9	3.0	e

Sodio-urine

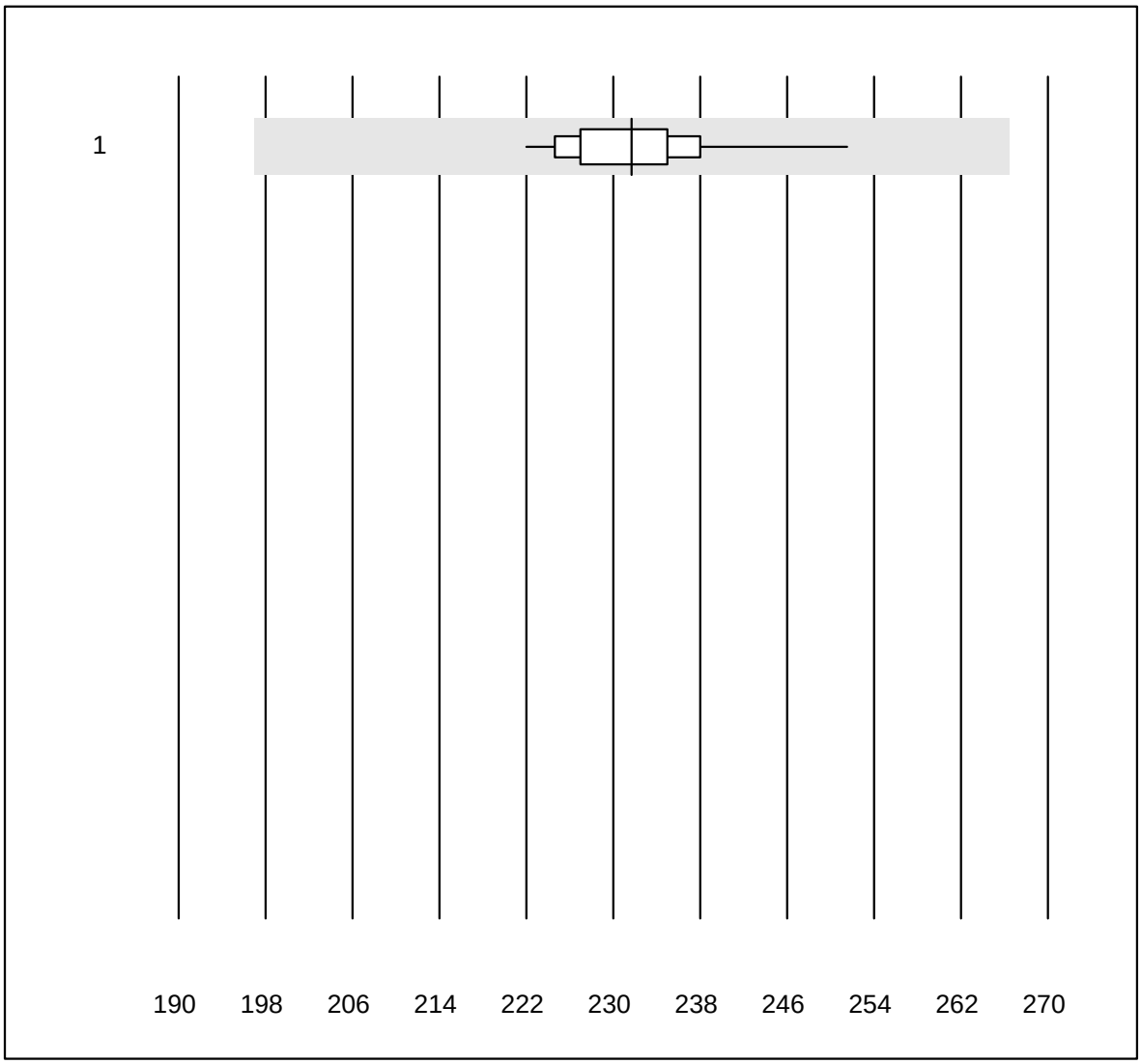


Tolleranza MQ : 15 %

Sodio-urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	tutti	24	100.0	0.0	0.0	157	2.6	e

Urea-urine

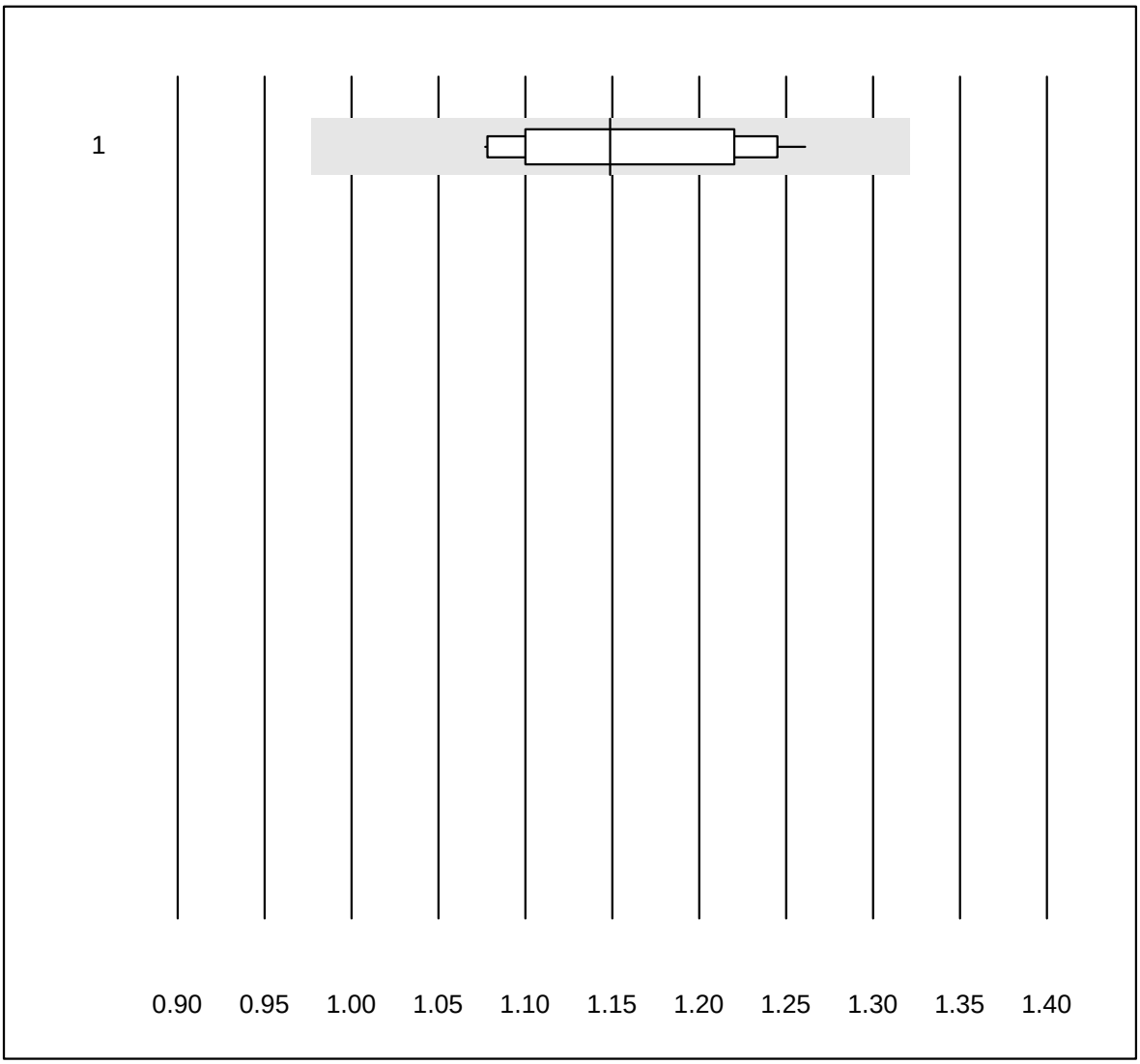


Tolleranza MQ : 15 %

Urea-urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	19	100.0	0.0	0.0	232	2.7	e

Acido urico-urine

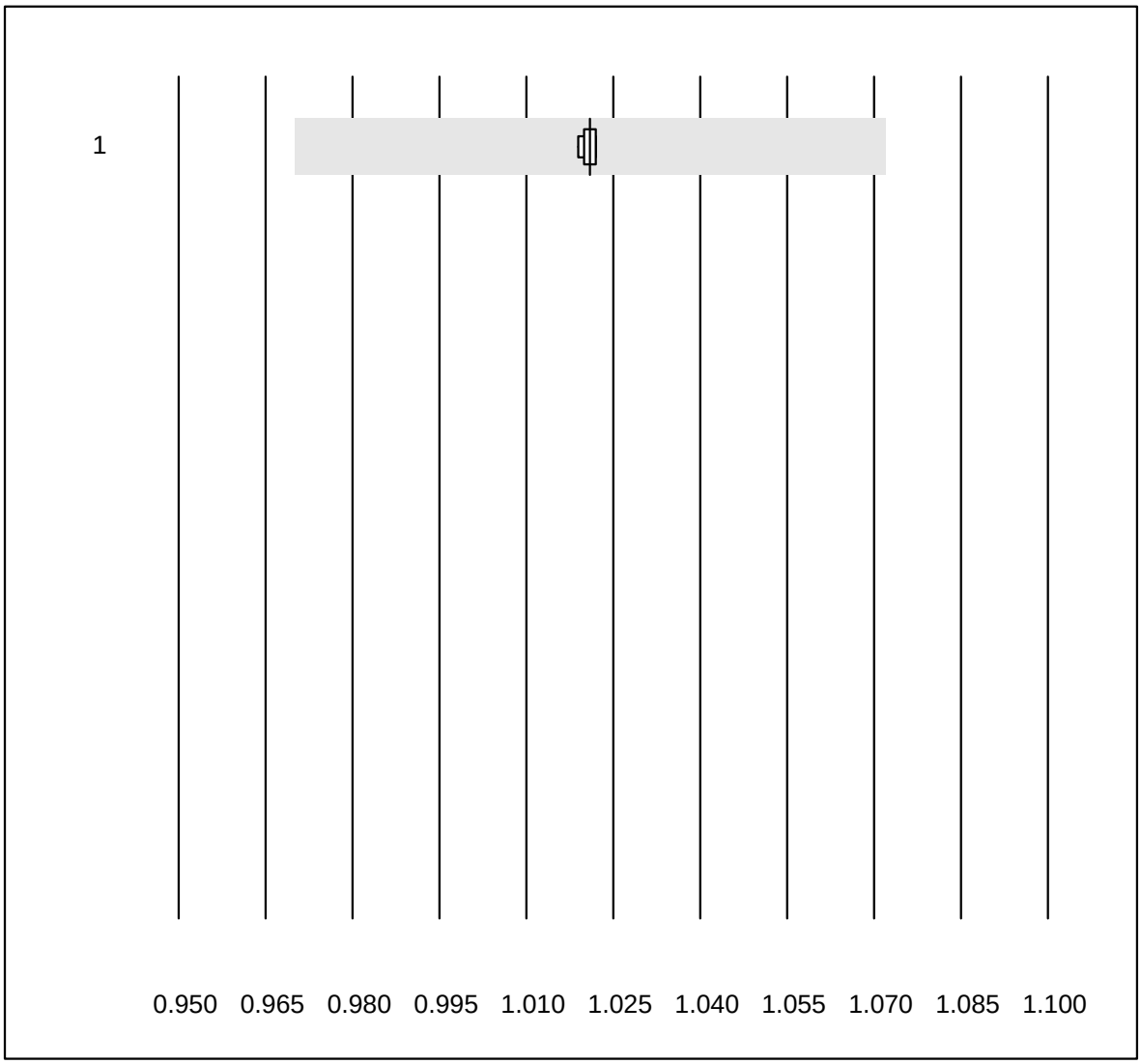


Tolleranza MQ : 15 %

Acido urico-urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Chimica umida	15	100.0	0.0	0.0	1.15	5.7	e

Peso Specifico-urine

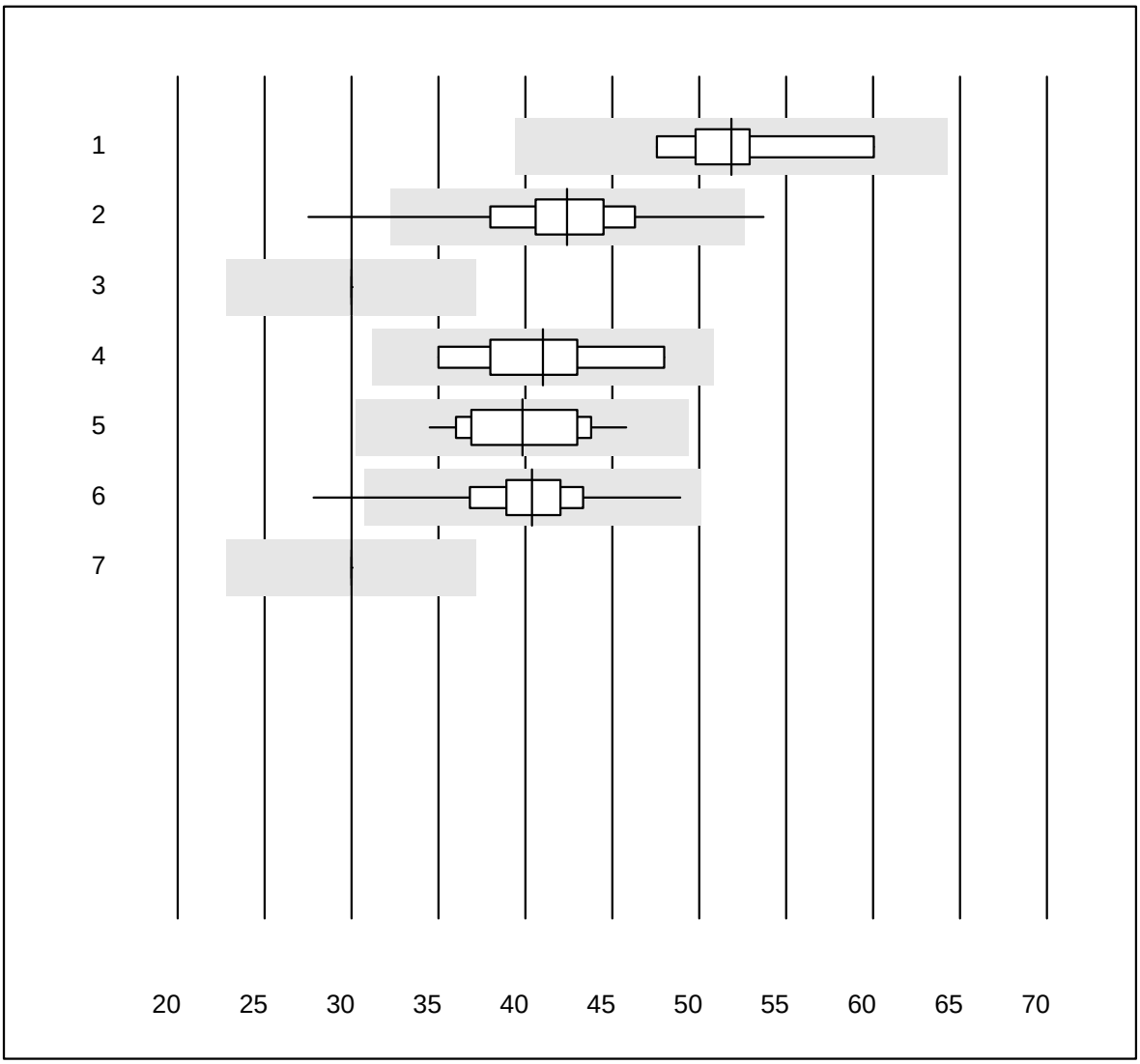


Tolleranza MQ : 5 %

Peso Specifico-urine ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Refraktometer	7	100.0	0.0	0.0	1.021	0.1	e

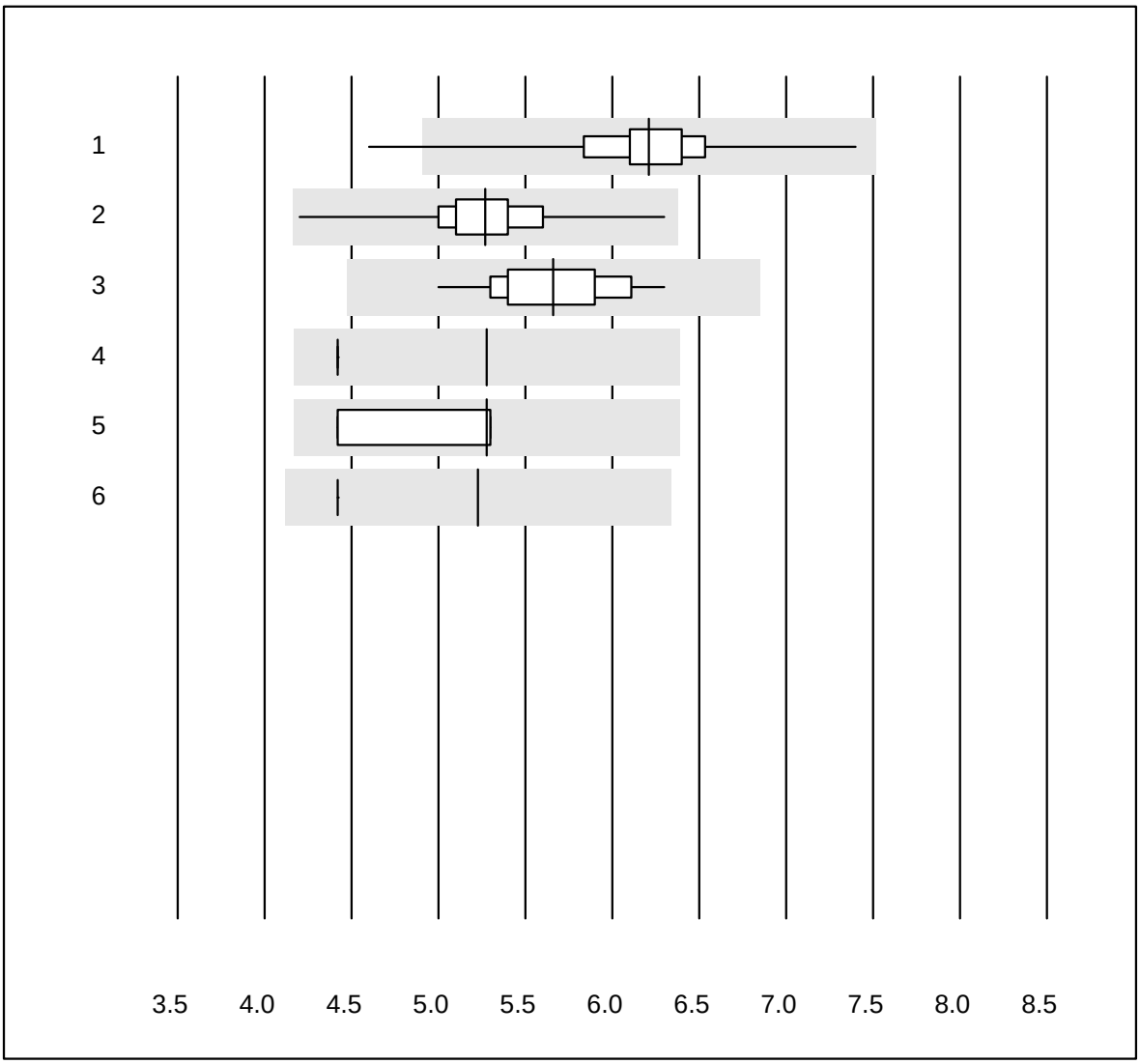
Microalbumina



QUALAB Toleranz : 24 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AFIAS	7	100.0	0.0	0.0	51.8	7.4	e
2	Afinion	427	97.2	1.4	1.4	42.4	8.3	e
3	Sysmex U	19	73.7	0.0	26.3	30.0	0.0	a
4	NycoCard	5	100.0	0.0	0.0	41.0	12.1	e*
5	Turbidimetrie	23	100.0	0.0	0.0	39.8	8.4	e
6	DCA2000/Vantage	140	96.5	1.4	2.1	40.4	7.3	e
7	Siemens Clinitek	12	66.7	0.0	33.3	30.0	0.0	e

Creatinina urina



QUALAB Toleranz : 21 %

Creatinina urina (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	DCA2000/Vantage	141	97.9	0.7	1.4	6.2	5.2	e
2	Afinion	427	99.3	0.0	0.7	5.3	4.8	e
3	Chimica umida	37	100.0	0.0	0.0	5.7	5.7	e
4	Sysmex U	19	47.4	0.0	52.6	5.3	0.0	a
5	Aution Eleven	4	75.0	0.0	25.0	5.3	10.8	a
6	Siemens Clinitek	10	10.0	0.0	90.0	5.2	0.0	a