

Verein für
Association pour le
Associazione per il



medizinische Qualitätskontrolle
contrôle de qualité médical
controllo di qualità medico

Rapporto del controllo circolare

2015 - 3

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 (u_x) viene calcolata con la seguente formula (ISO13528):

$u_x = (\text{valore assegnato}/100) \cdot 1.25 / \text{radice quadrata del numero di partecipanti} \cdot \text{coeff. variazione (CV)\%}$

u_x ha la stessa unità di misura del valore assegnato

u_x è paragonabile alla deviazione standard (SD) del collettivo dei partecipanti (SD: valore assegnato \cdot CV%/100)

Se il numero dei partecipanti è superiore a 18, l'incertezza standard è molto inferiore alla variabilità del collettivo e può essere ignorata

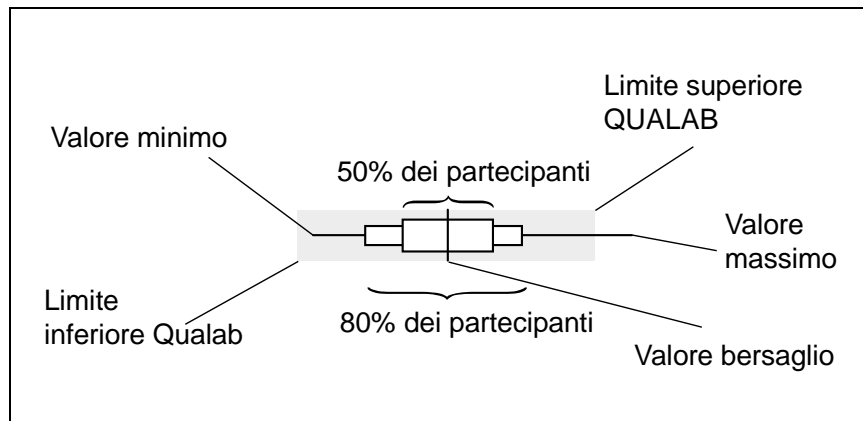
Tolleranze QUALAB e MQ

Per le analisi obbligatorie vengono utilizzate le tolleranze Qualab (www.qualab.ch, esterne Qualitätskontrolle). Per le analisi non obbligatorie le tolleranze vengono definite dal direttore dei controlli circolari MQ.

Se l'incertezza calcolata u_x 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:

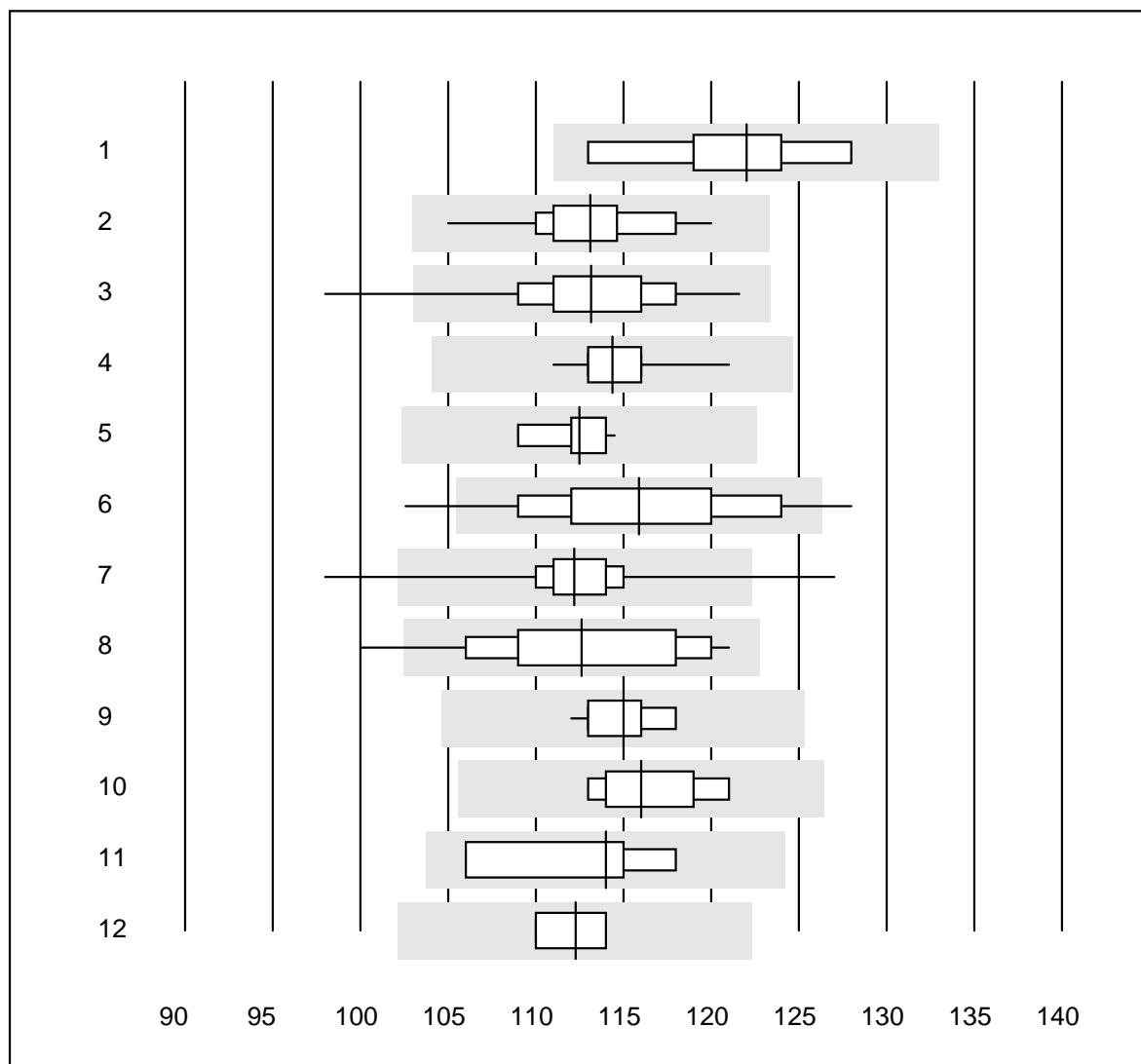
- Il campione di controllo K1 è un siero di controllo commerciale pronto per l'uso. Nonostante il campione sia di origine umana, non si può escludere l'insorgenza di effetti di matrice. Questi dipendono dallo strumento e portano a valori assegnati differenti.
- E' stato analizzato solo un campione. Poiché 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, 28.9.2015

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

Emoglobina

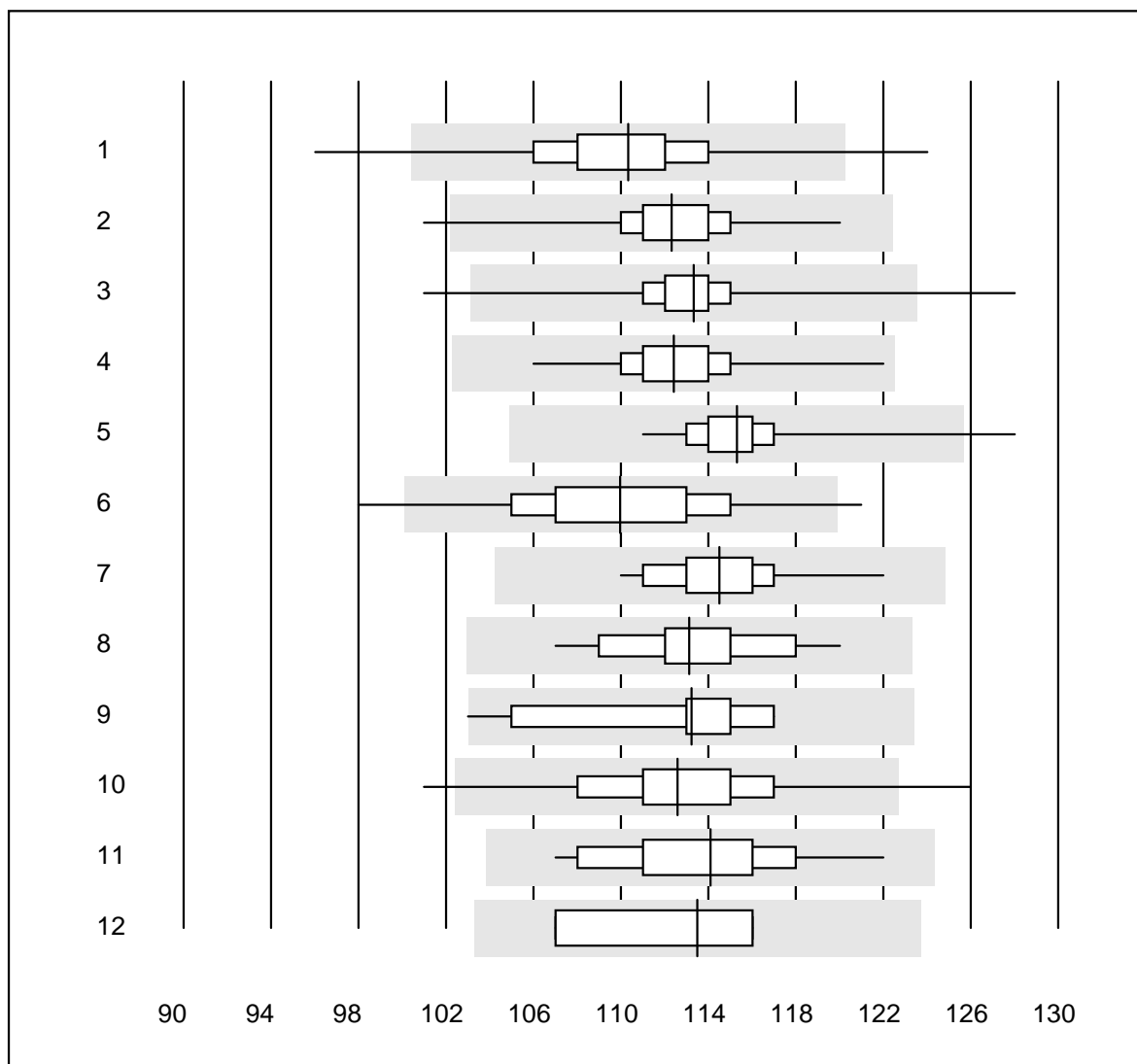


Deviazione QUALAB : 9 %

Emoglobina (g/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 DiaSpect	5	100.0	0.0	0.0	122.0	4.7	e*
2 Automatico	44	100.0	0.0	0.0	113.1	2.7	e
3 Cianometemoglobina	50	96.0	2.0	2.0	113.2	3.5	e
4 Sysmex XT/XE/XS	39	100.0	0.0	0.0	114.4	1.6	e
5 ABX Pentra	11	90.9	0.0	9.1	112.5	1.5	e
6 Reflotron	72	87.5	5.6	6.9	115.9	4.7	e
7 Hemocue	345	94.2	1.7	4.1	112.2	2.5	e
8 Dr. Lange	23	87.0	8.7	4.3	112.6	5.2	e*
9 Hemocontrol	12	100.0	0.0	0.0	115.0	1.6	e
10 Eurolyser	5	100.0	0.0	0.0	116.0	2.9	e*
11 MS4	4	100.0	0.0	0.0	114.0	4.5	e*
12 Beckman	4	100.0	0.0	0.0	112.3	1.8	a

Emoglobina

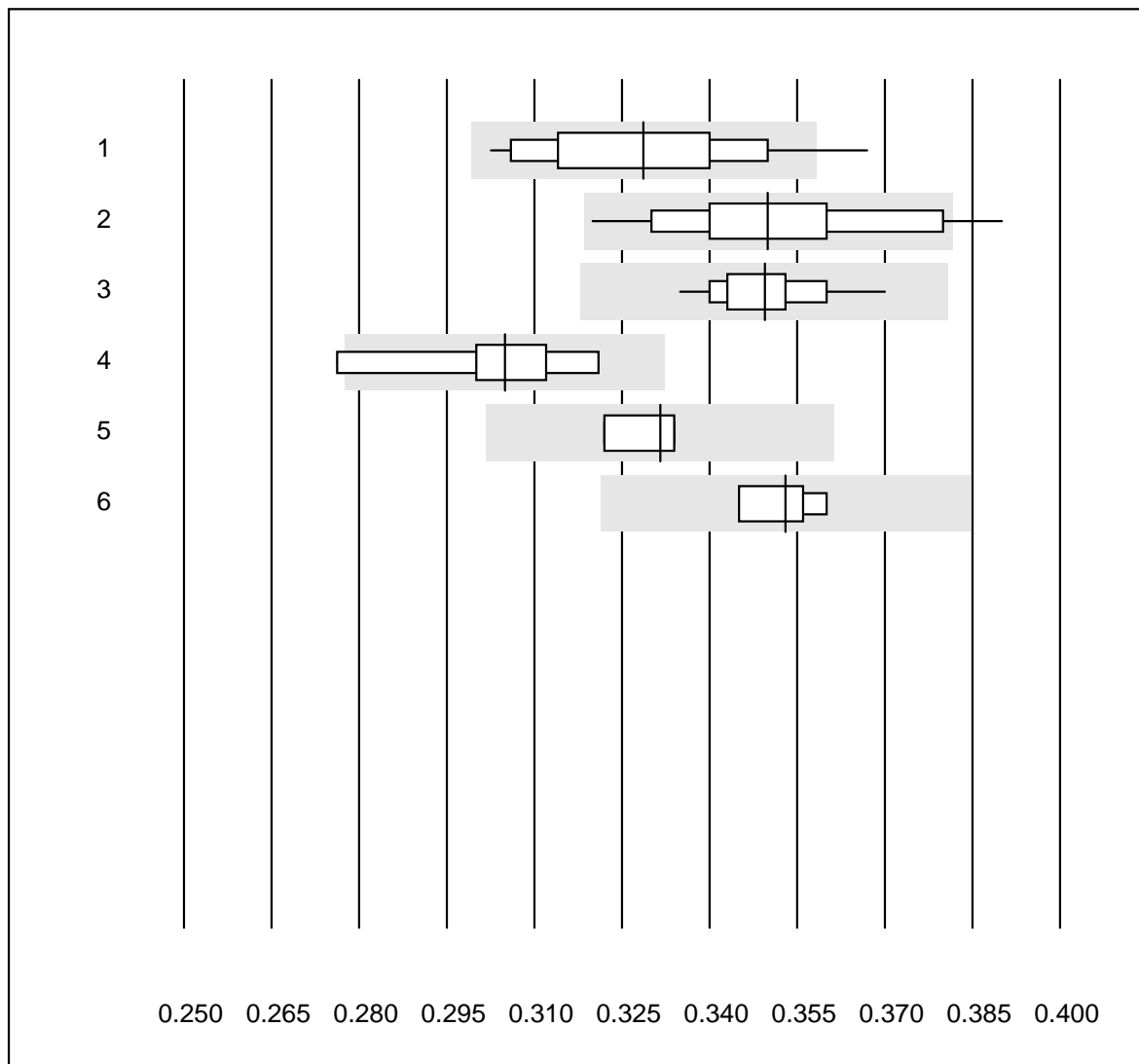


Deviazione QUALAB : 9 %

Emoglobina (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Micros	835	96.8	0.7	2.5	110.3	3.1	e
2 Microsemi	262	97.3	0.4	2.3	112.3	2.0	e
3 Sysmex KX21	428	95.3	1.2	3.5	113.3	2.0	e
4 Sysmex Poch - 100i	213	100.0	0.0	0.0	112.4	2.1	e
5 Sysmex XP 300	192	96.9	0.5	2.6	115.3	1.8	e
6 Mythic	247	96.0	2.4	1.6	110.0	3.7	e
7 Swelab	70	98.6	0.0	1.4	114.5	2.0	e
8 Abacus Junior	13	100.0	0.0	0.0	113.1	3.2	e
9 Medonic	17	94.1	5.9	0.0	113.2	3.3	e
10 Nihon Kohden Celltac	39	89.8	5.1	5.1	112.6	3.9	e
11 Samsung HC10	44	97.7	0.0	2.3	114.1	3.2	e
12 Norma Icon 3	4	100.0	0.0	0.0	113.5	3.9	e*

Ematocrito

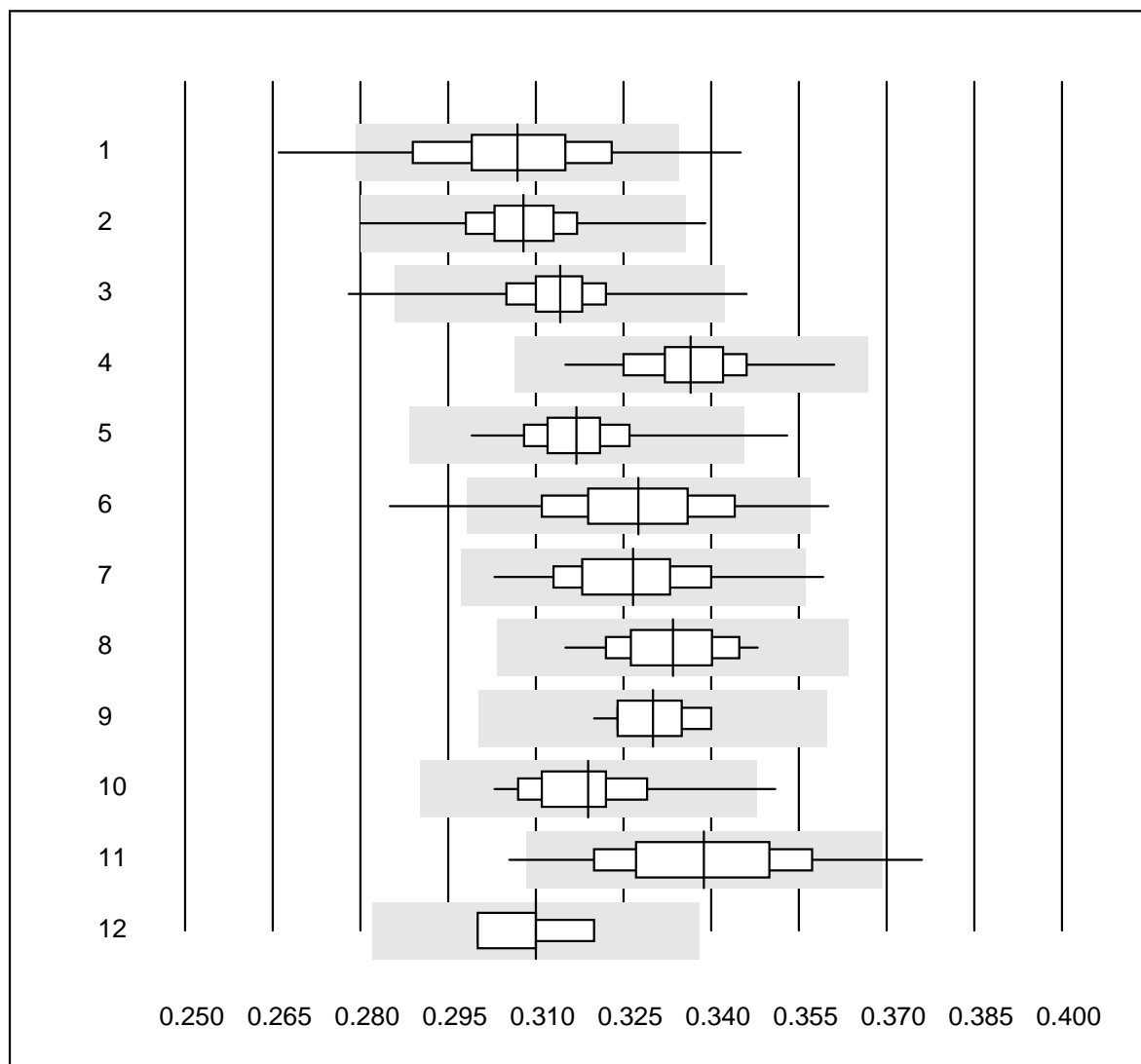


Deviazione QUALAB : 9 %

Ematocrito (l/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Automatico	37	83.8	5.4	10.8	0.33	5.2	e
2 Centrifuga	13	84.6	7.7	7.7	0.35	5.7	e*
3 Sysmex XT/XE/XS	38	100.0	0.0	0.0	0.35	2.3	e
4 ABX Pentra	10	80.0	10.0	10.0	0.30	4.4	e*
5 MS4	4	100.0	0.0	0.0	0.33	1.7	e
6 Beckman	4	100.0	0.0	0.0	0.35	1.8	a

Ematocrito

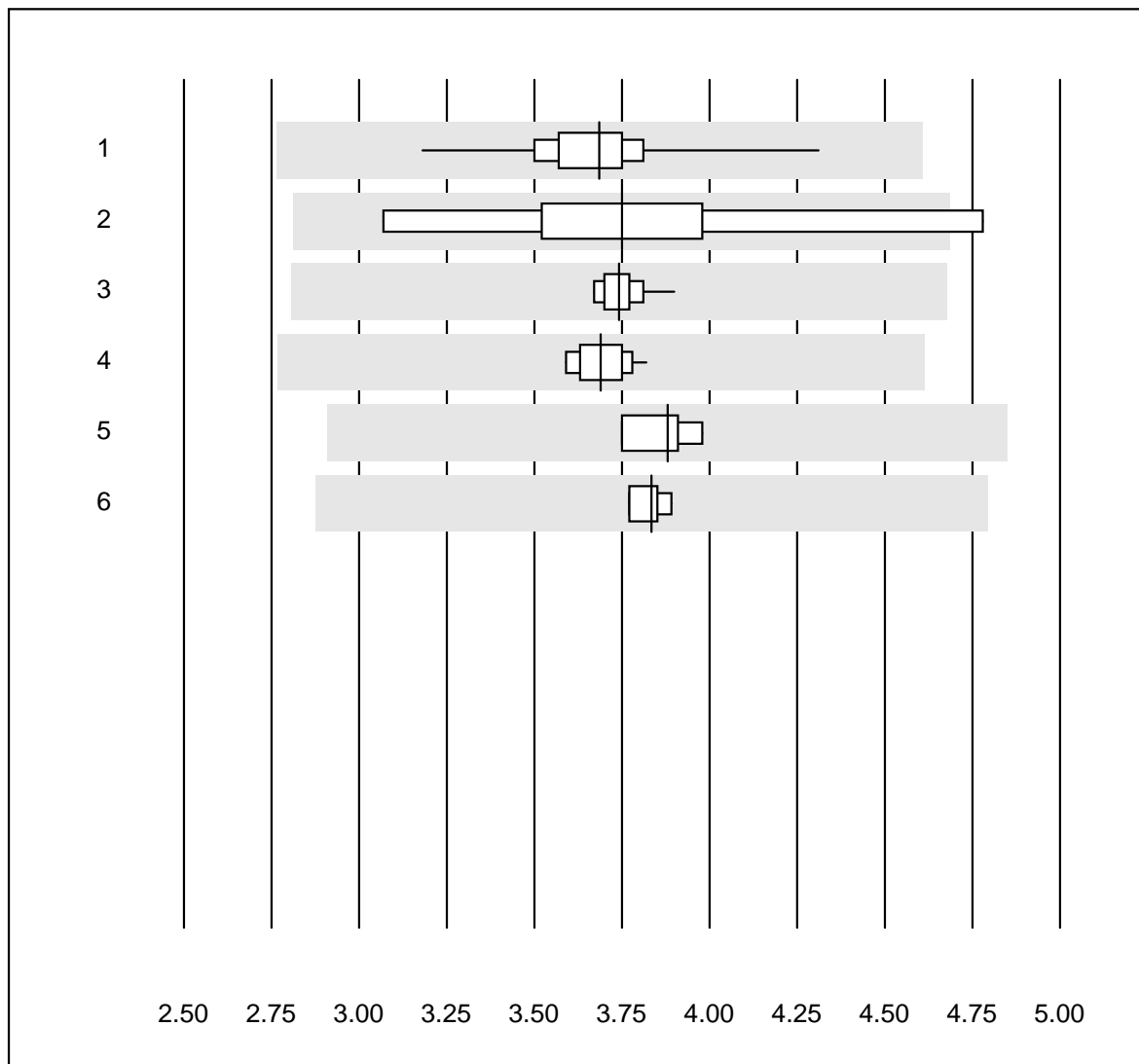


Deviazione QUALAB : 9 %

Ematocrito (l/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Micros	834	91.2	4.8	4.0	0.31	4.3	e
2 Microsemi	262	98.4	0.8	0.8	0.31	2.6	e
3 Sysmex KX21	428	97.0	0.7	2.3	0.31	2.4	e
4 Sysmex Poch - 100i	213	100.0	0.0	0.0	0.34	2.4	e
5 Sysmex XP 300	188	96.8	0.5	2.7	0.32	2.3	e
6 Mythic	247	95.6	2.4	2.0	0.33	4.0	e
7 Swelab	70	97.2	1.4	1.4	0.33	3.4	e
8 Abacus Junior	13	100.0	0.0	0.0	0.33	2.9	e
9 Medonic	17	94.1	0.0	5.9	0.33	2.0	e
10 Nihon Kohden Celltac	39	92.3	2.6	5.1	0.32	3.0	e
11 Samsung HC10	44	90.9	6.8	2.3	0.34	4.7	e
12 Norma Icon 3	4	100.0	0.0	0.0	0.31	2.6	e*

Eritrociti

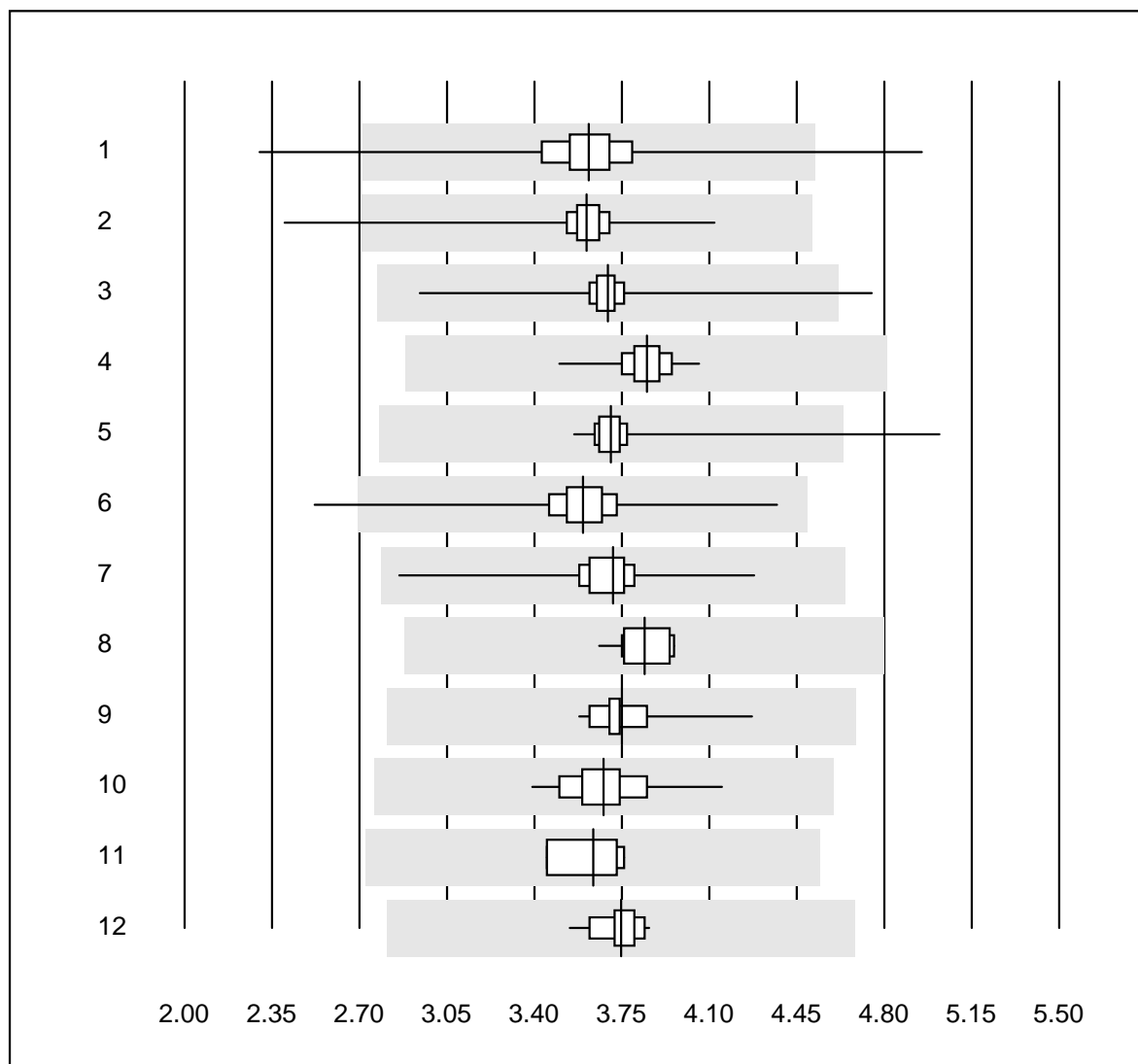


Deviazione QUALAB : 25 %

Eritrociti (T/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Automatico	35	100.0	0.0	0.0	3.69	4.8	e
2 Microscopio	9	88.9	11.1	0.0	3.75	13.5	e*
3 Sysmex XT/XE/XS	40	100.0	0.0	0.0	3.74	1.5	e
4 ABX Pentra	11	90.9	0.0	9.1	3.69	2.0	e
5 MS4	4	100.0	0.0	0.0	3.88	2.5	e
6 Beckman	4	100.0	0.0	0.0	3.84	1.3	a

Eritrociti

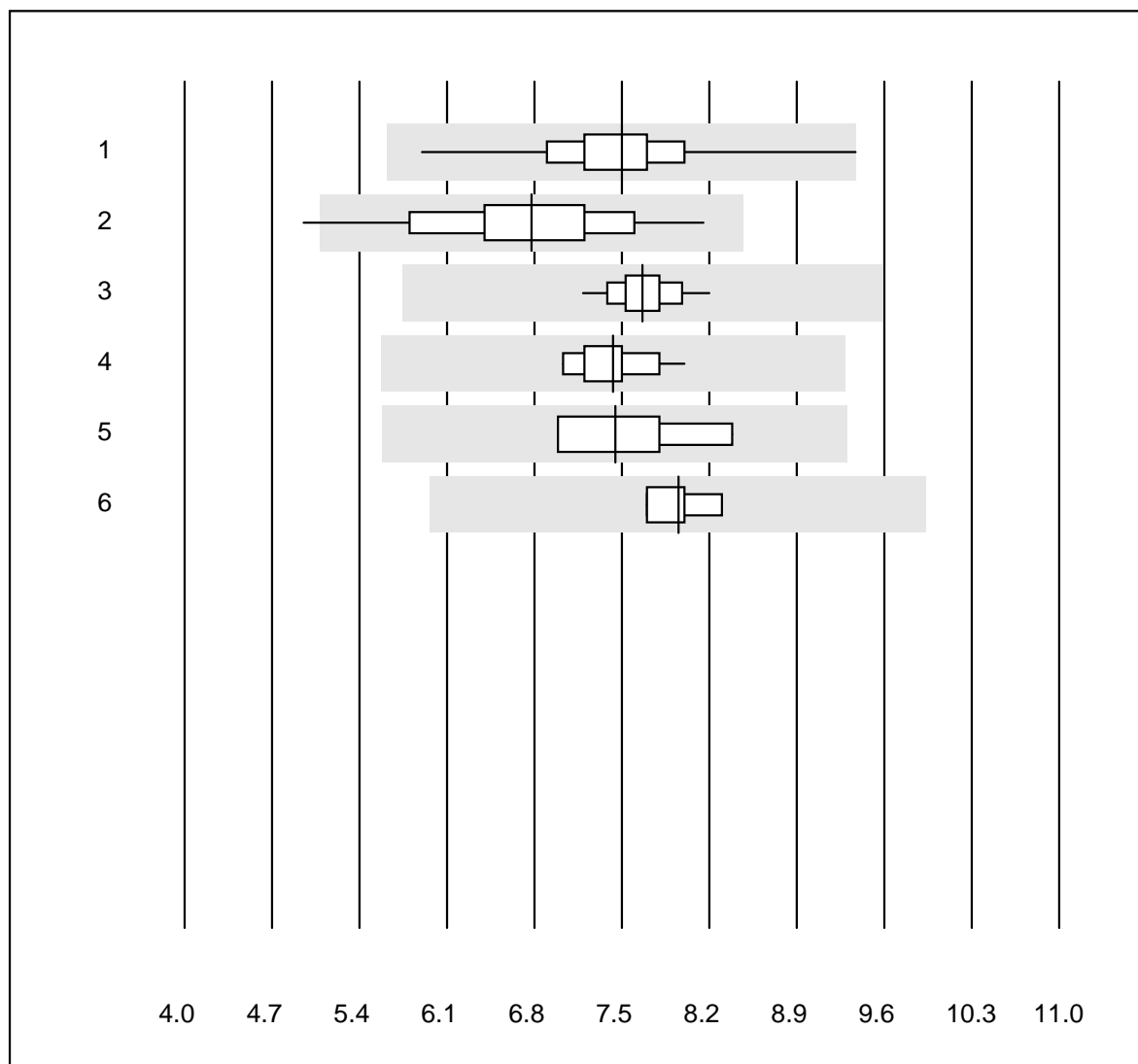


Deviazione QUALAB : 25 %

Eritrociti (T/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Micros	833	97.7	1.2	1.1	3.62	5.6	e
2 Microsemi	263	99.6	0.4	0.0	3.61	3.6	e
3 Sysmex KX21	428	98.2	0.2	1.6	3.70	3.1	e
4 Sysmex Poch - 100i	213	100.0	0.0	0.0	3.85	2.1	e
5 Sysmex XP 300	190	97.4	0.5	2.1	3.71	3.1	e
6 Mythic	247	98.4	0.4	1.2	3.59	4.0	e
7 Swelab	70	100.0	0.0	0.0	3.72	4.2	e
8 Abacus Junior	13	100.0	0.0	0.0	3.84	2.6	e
9 Medonic	17	100.0	0.0	0.0	3.75	4.0	e
10 Samsung HC10	44	97.7	0.0	2.3	3.68	4.1	e
11 Norma Icon 3	4	100.0	0.0	0.0	3.64	4.1	e
12 Nihon Kohden Celltac	39	97.4	0.0	2.6	3.75	2.0	e

Leucociti

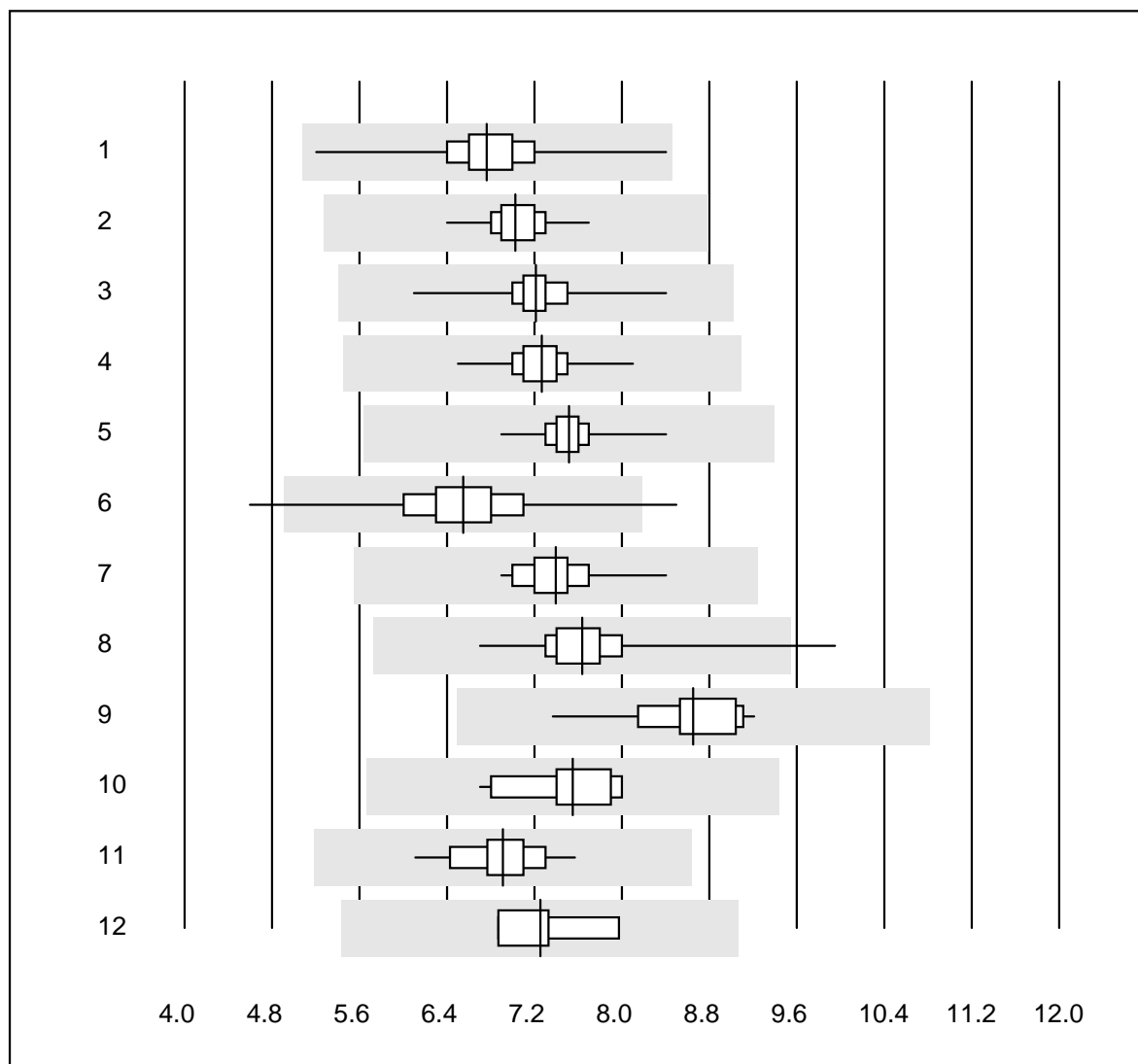


Deviazione QUALAB : 25 %

Leucociti (G/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Automatico	33	100.0	0.0	0.0	7.50	7.8	e
2 Microscopio	55	92.7	1.8	5.5	6.78	10.0	e
3 Sysmex XT/XE/XS	39	100.0	0.0	0.0	7.66	2.8	e
4 ABX Pentra	11	90.9	0.0	9.1	7.43	4.0	e
5 MS4	4	100.0	0.0	0.0	7.45	8.6	e*
6 Beckman	4	100.0	0.0	0.0	7.95	3.3	a

Leucociti

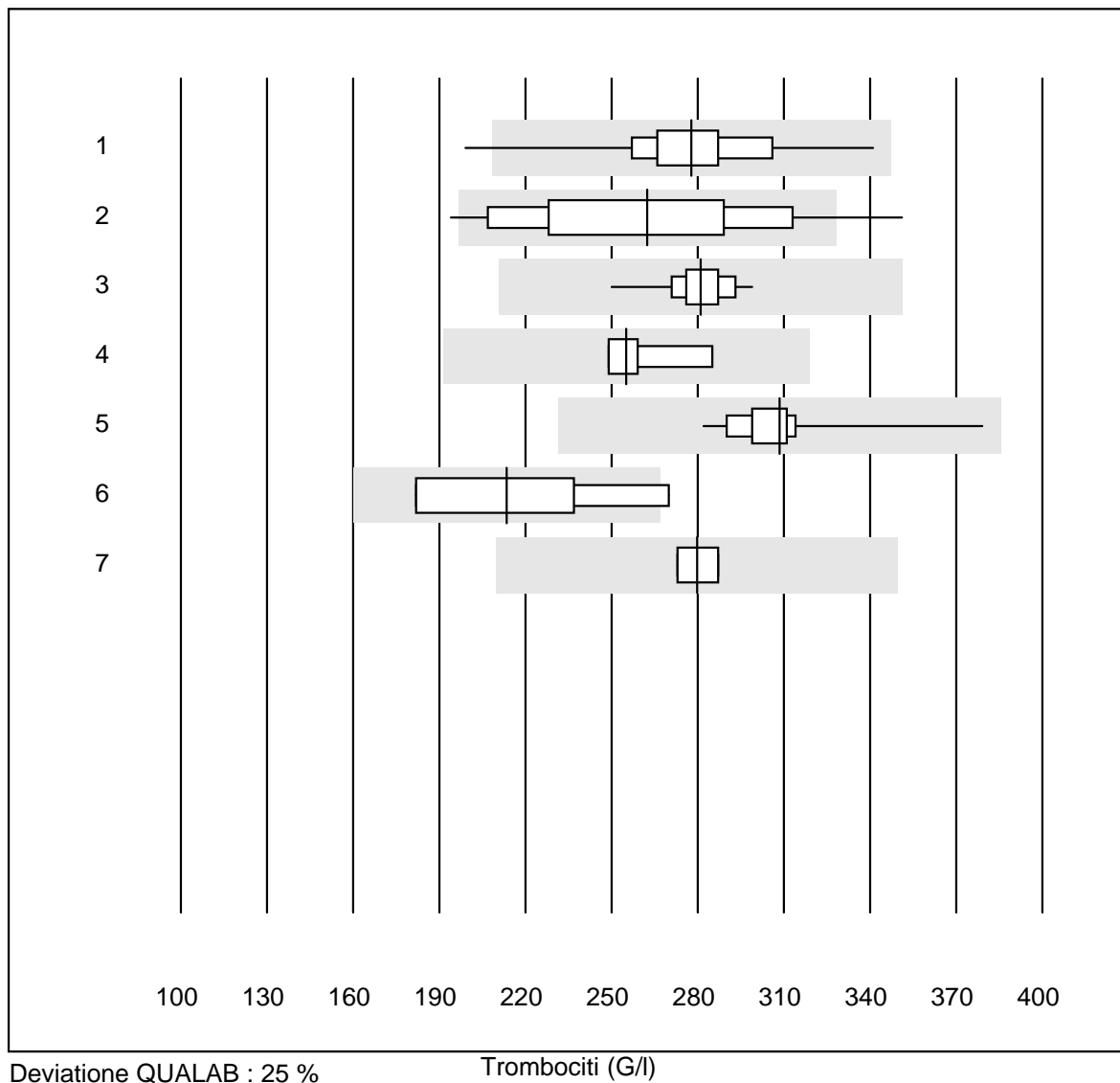


Deviazione QUALAB : 25 %

Leucociti (G/l)

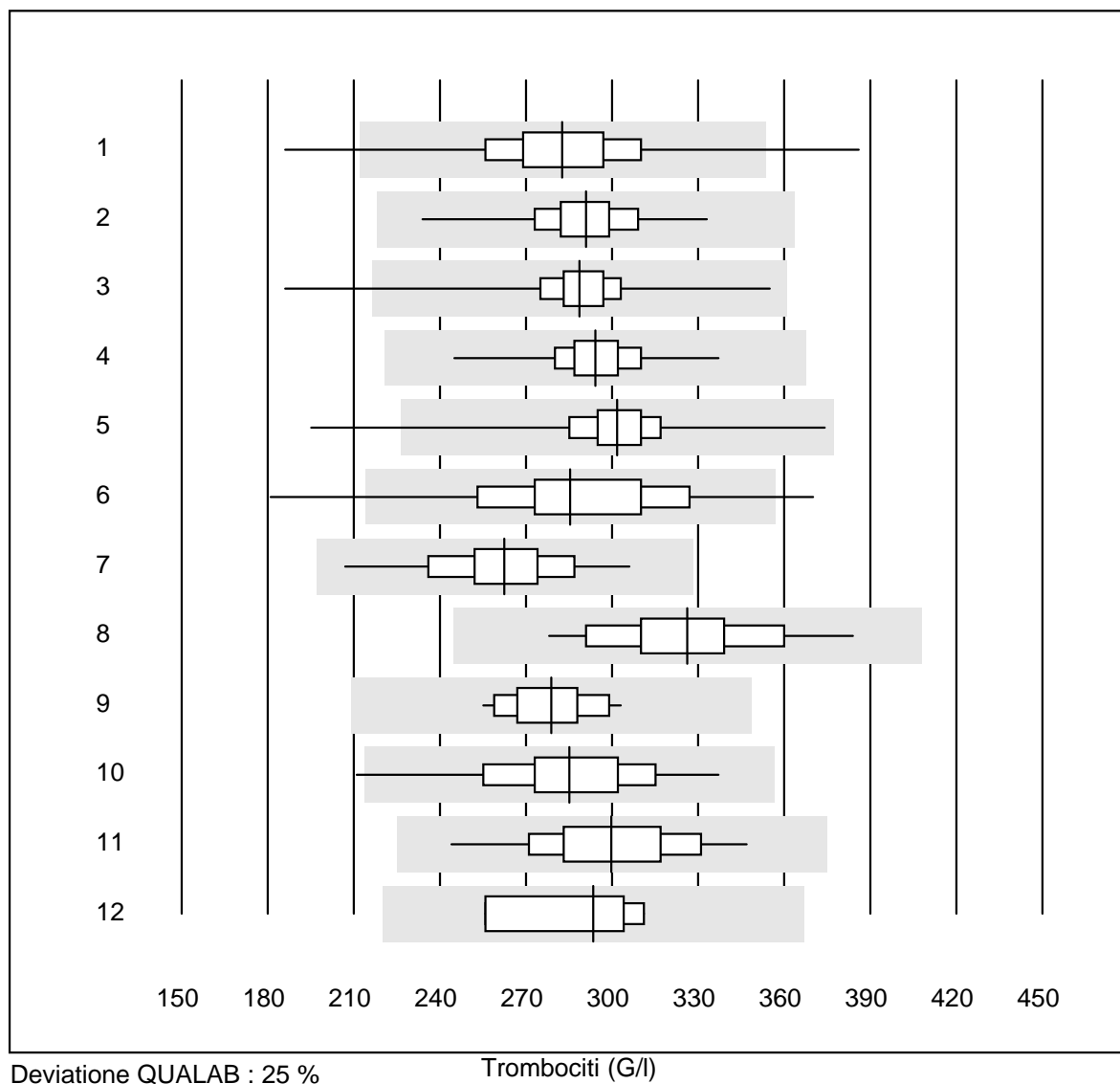
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Micros	833	99.9	0.0	0.1	6.76	5.3	e
2 Microsemi	264	100.0	0.0	0.0	7.03	3.0	e
3 Sysmex KX21	428	99.5	0.0	0.5	7.22	3.2	e
4 Sysmex PochH - 100i	213	100.0	0.0	0.0	7.27	3.0	e
5 Sysmex XP 300	192	100.0	0.0	0.0	7.51	2.7	e
6 Mythic	246	98.0	1.6	0.4	6.55	7.2	e
7 Nihon Kohden Celltac	39	100.0	0.0	0.0	7.39	4.2	e
8 Swelab	70	98.6	1.4	0.0	7.63	5.8	e
9 Abacus Junior	13	100.0	0.0	0.0	8.66	5.8	e
10 Medonic	17	100.0	0.0	0.0	7.55	5.4	e
11 Samsung HC10	44	100.0	0.0	0.0	6.91	4.7	e
12 Norma Icon 3	4	100.0	0.0	0.0	7.26	6.3	e*

Trombociti



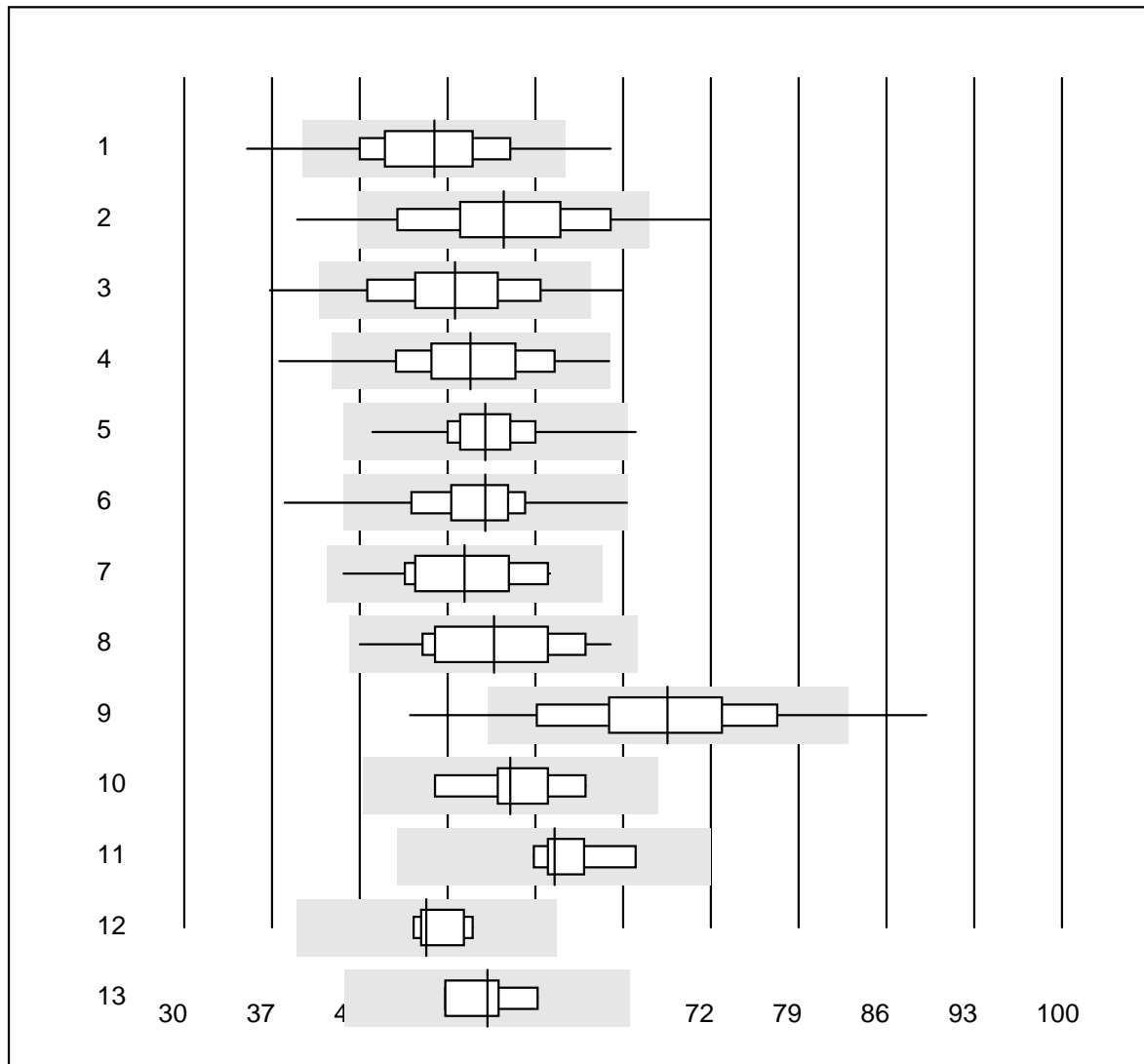
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Automatico	31	96.8	3.2	0.0	277.8	9.3	e
2 Microscopio	34	94.1	5.9	0.0	262.4	15.3	e
3 Sysmex XT/XE/XS	39	100.0	0.0	0.0	281.1	3.4	e
4 Advia 120	4	100.0	0.0	0.0	255.0	6.3	e*
5 ABX Pentra	11	100.0	0.0	0.0	308.5	8.1	e
6 MS4	4	75.0	25.0	0.0	213.5	18.8	e*
7 Beckman	4	75.0	0.0	25.0	279.7	2.5	a

Trombociti



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Micros	833	97.4	1.8	0.8	282.7	8.5	e
2 Microsemi	265	100.0	0.0	0.0	290.9	5.0	e
3 Sysmex KX21	428	99.3	0.7	0.0	288.5	5.1	e
4 Sysmex PochH - 100i	212	100.0	0.0	0.0	294.3	4.4	e
5 Sysmex XP 300	191	99.5	0.5	0.0	301.7	5.9	e
6 Mythic	247	97.6	2.4	0.0	285.5	10.2	e
7 Swelab	70	97.1	0.0	2.9	262.5	7.5	e
8 Abacus Junior	13	100.0	0.0	0.0	326.3	8.5	e
9 Medonic	17	100.0	0.0	0.0	278.7	5.5	e
10 Nihon Kohden Celltac	39	94.8	2.6	2.6	285.2	8.5	e
11 Samsung HC10	44	100.0	0.0	0.0	299.9	7.8	e
12 Norma Icon 3	4	100.0	0.0	0.0	293.5	8.6	e*

CRP

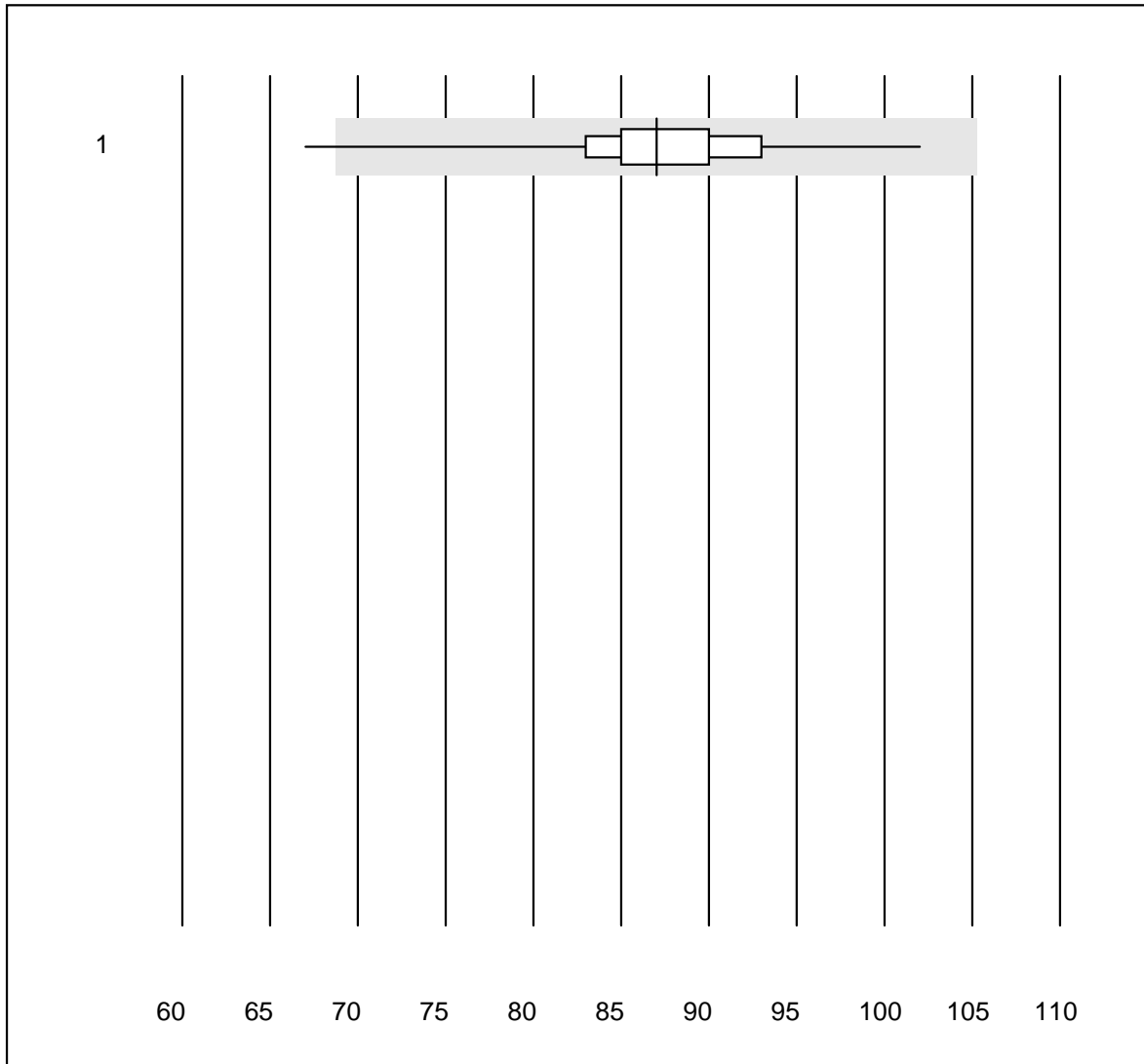


Deviazione QUALAB : 21 %

CRP (mg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Afinion	1174	97.8	2.0	0.2	49.9	9.3	e
2 NycoCard SingleTest-	434	79.5	7.8	12.7	55.5	12.0	e
3 Abx Micros	120	90.8	5.0	4.2	51.6	10.4	e
4 ABX Micros CRP200	321	95.0	3.4	1.6	52.8	9.8	e
5 Quick Read go	100	98.0	1.0	1.0	54.0	6.0	e
6 Turbidimetrie	39	97.4	2.6	0.0	54.0	8.9	e
7 Cobas	11	100.0	0.0	0.0	52.4	9.6	e*
8 Fuji Dri-Chem	24	100.0	0.0	0.0	54.7	10.3	e
9 Eurolyser	131	74.8	9.9	15.3	68.5	12.0	e
10 AQT 90 FLEX	6	100.0	0.0	0.0	56.0	7.3	e*
11 Spotchem D-Concept	7	100.0	0.0	0.0	59.5	4.5	e
12 Spotchem SI-3510	5	100.0	0.0	0.0	49.3	4.1	e
13 altro	4	100.0	0.0	0.0	54.2	5.7	e*

CRP

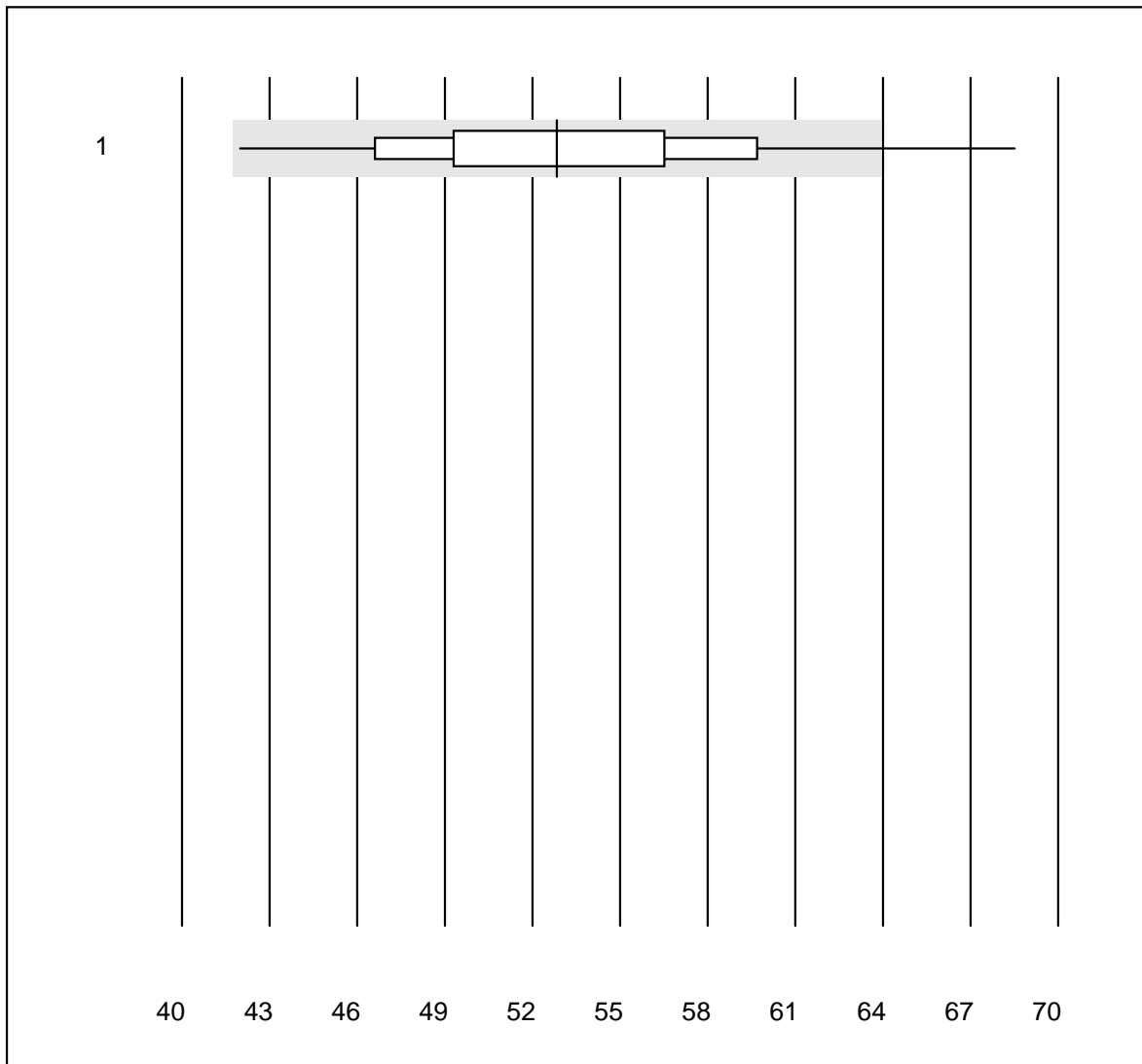


Deviazione QUALAB : 21 %

CRP (mg/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 QuickRead (sangue)	175	96.5	0.6	2.9	87.0	5.4	e

CRP emi

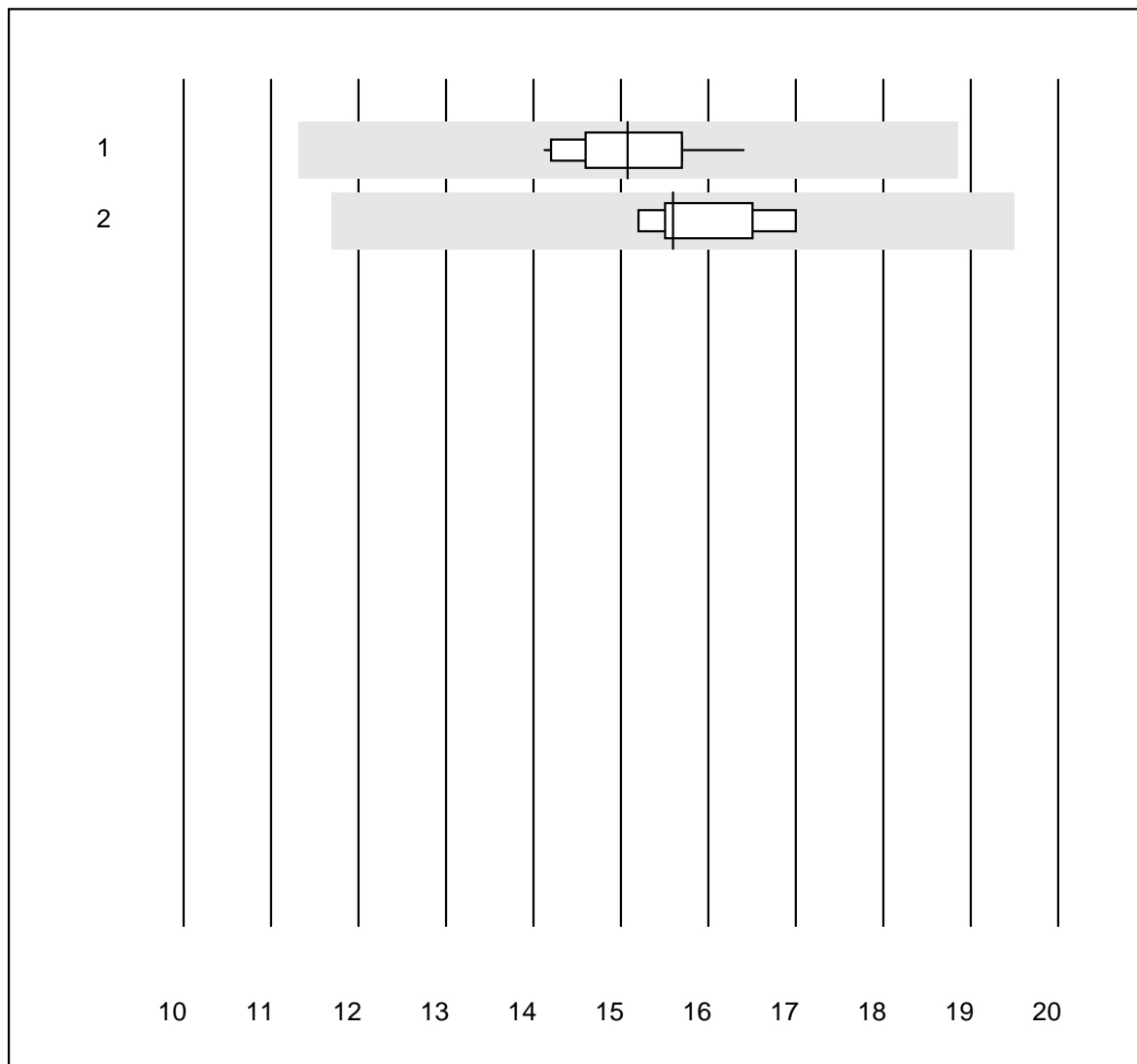


Deviazione QUALAB : 21 %

CRP emi (mg/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Microsemi	263	96.2	1.5	2.3	52.8	9.4	e

IgG

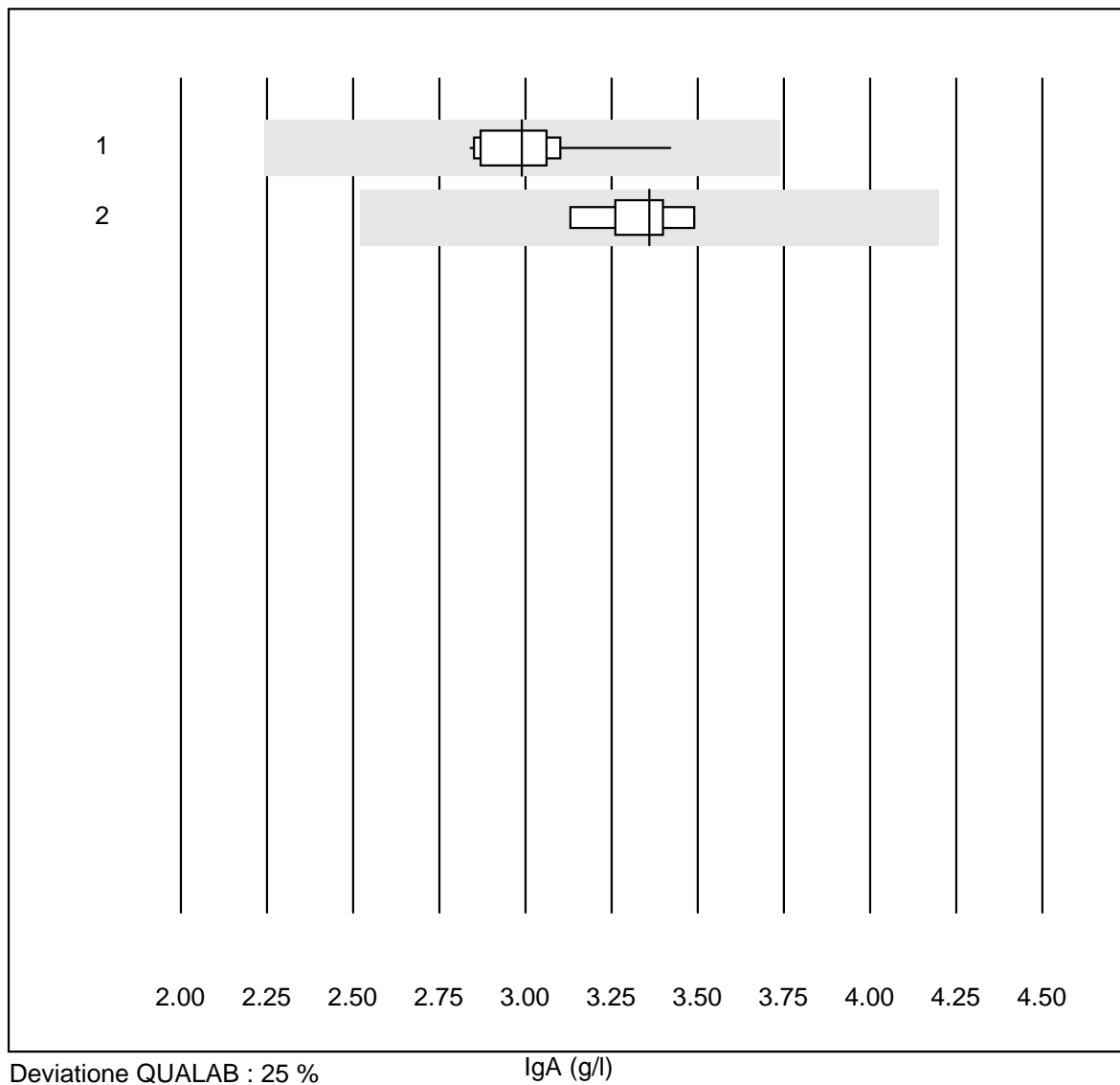


Deviazione QUALAB : 25 %

IgG (g/l)

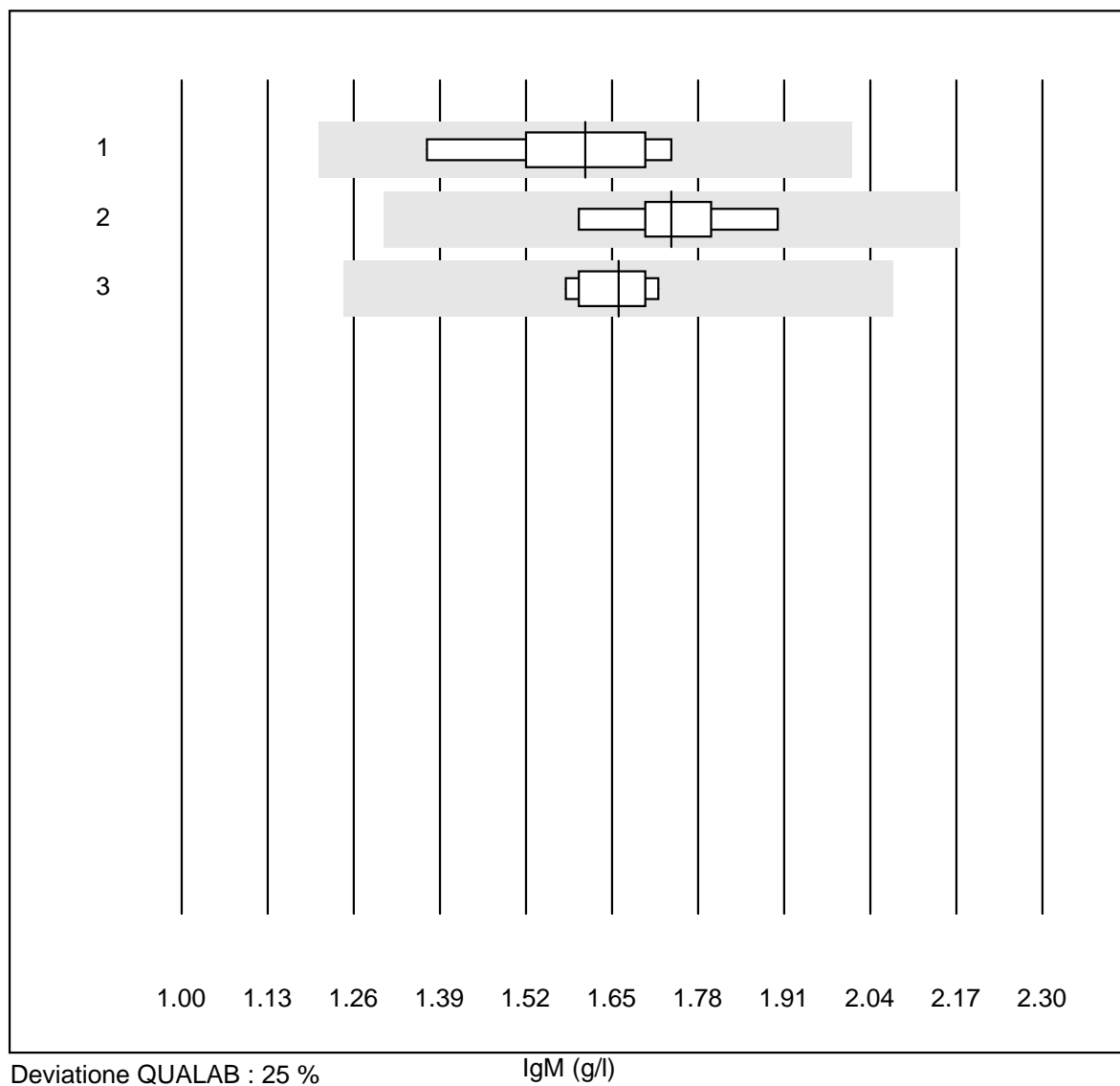
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Turbidimetrie	11	100.0	0.0	0.0	15.1	4.5	e
2 Nephelometrie	7	100.0	0.0	0.0	15.6	4.1	e

IgA



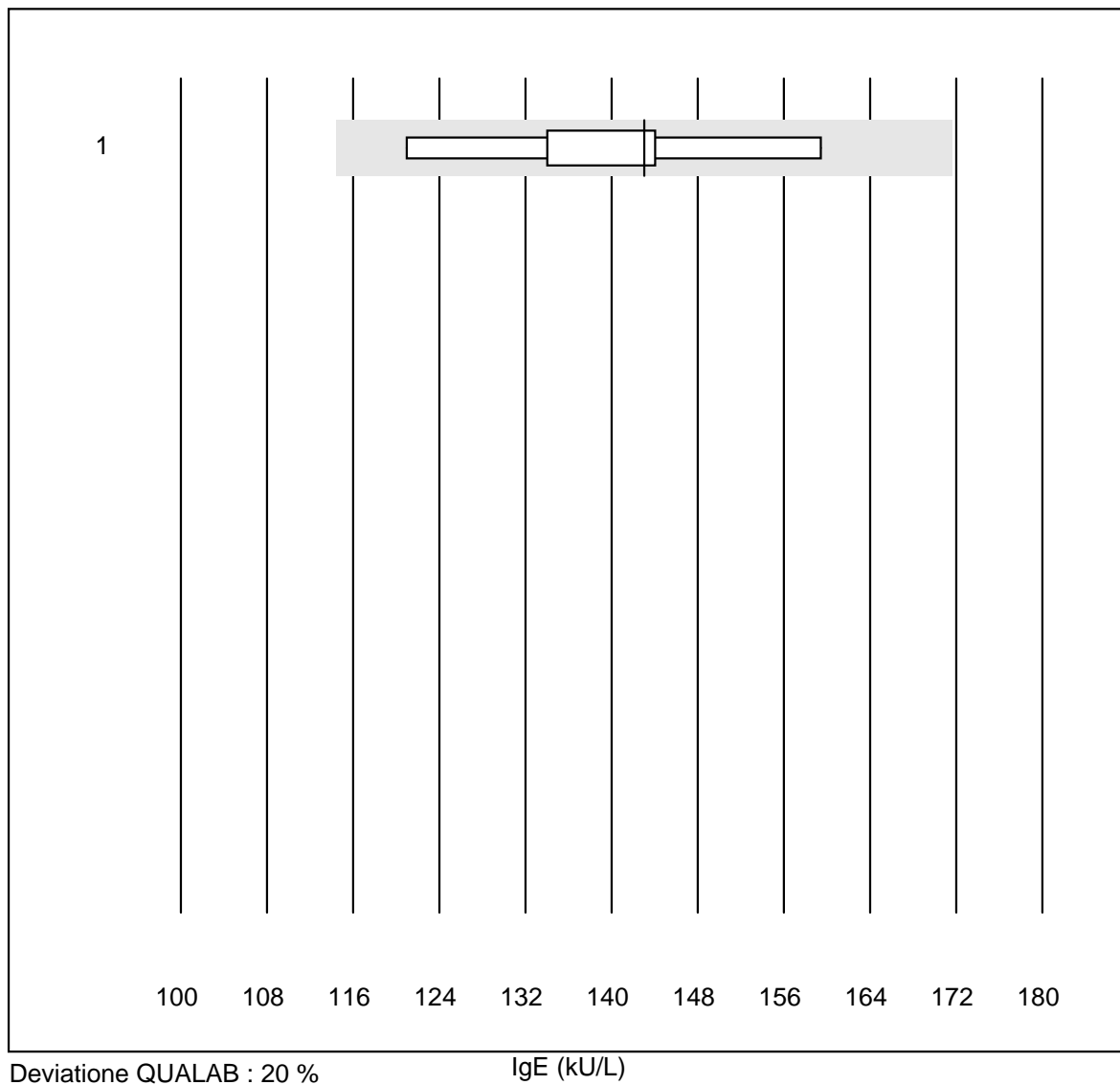
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Turbidimetrie	11	100.0	0.0	0.0	3.0	5.5	e
2 Nephelometrie	7	100.0	0.0	0.0	3.4	3.5	e

IgM



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Turbidimetrie	5	100.0	0.0	0.0	1.6	9.4	e*
2 Nephelometrie	7	100.0	0.0	0.0	1.7	5.4	e
3 Cobas Integra 800/40	6	100.0	0.0	0.0	1.7	3.4	e

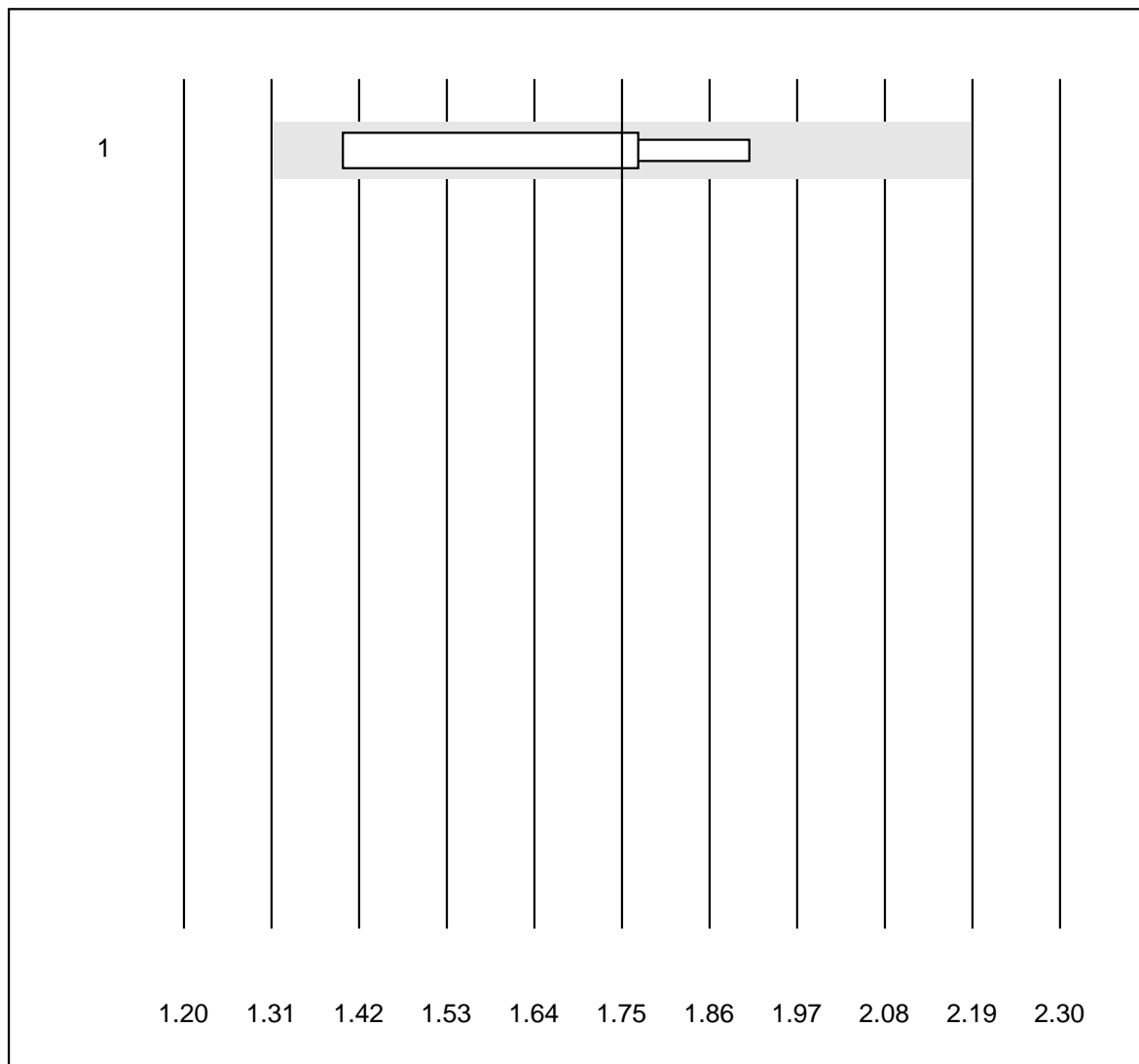
IgE



Deviazione QUALAB : 20 %

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	8	100.0	0.0	0.0	143	8.3	e*

Alpha-1-Antitripsina

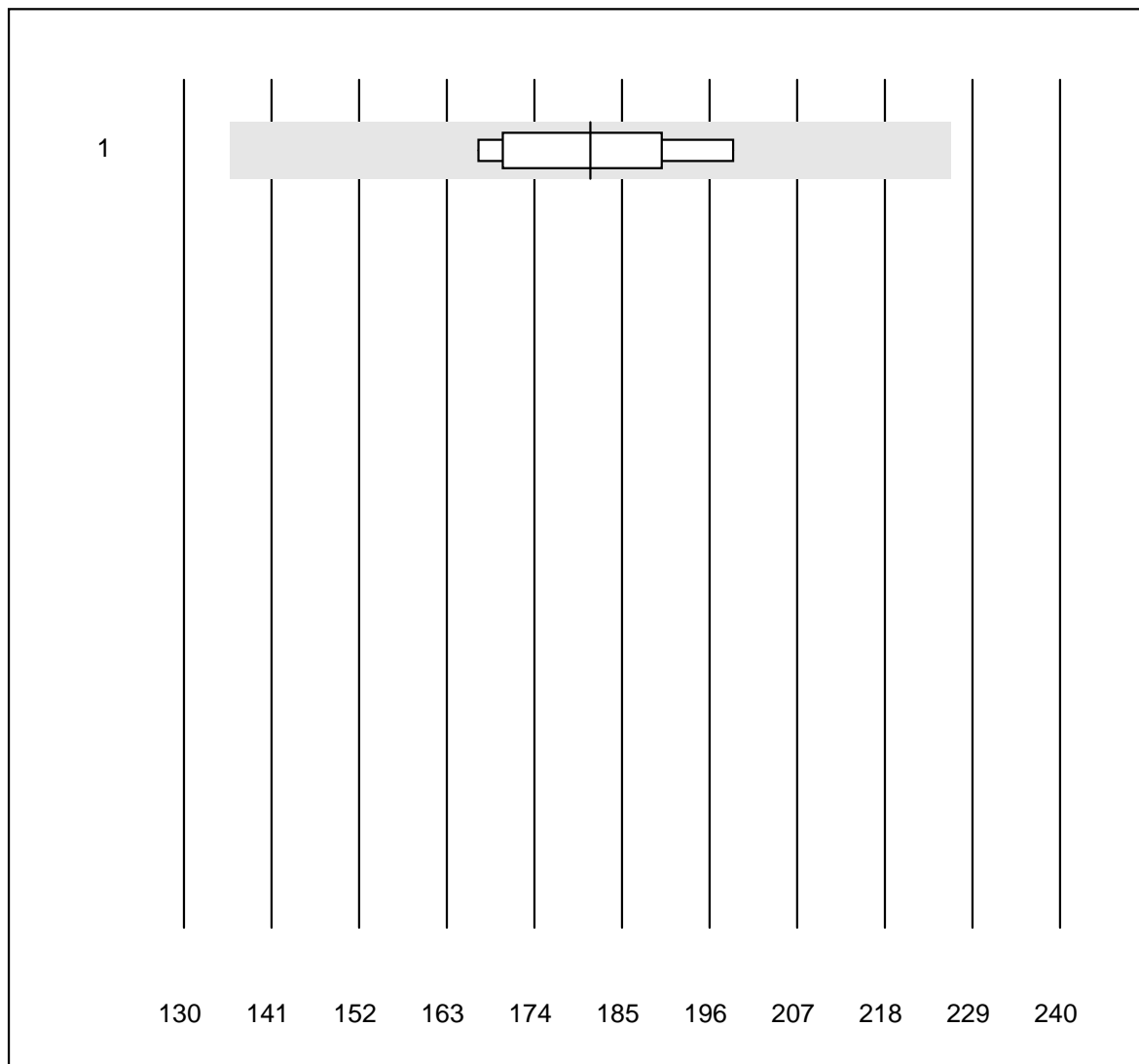


Deviazione QUALAB : 25 %

Alpha-1-Antitripsina (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Nephelometrie	4	100.0	0.0	0.0	1.75	12.7	e*

Anticorpi anti-streptolisina

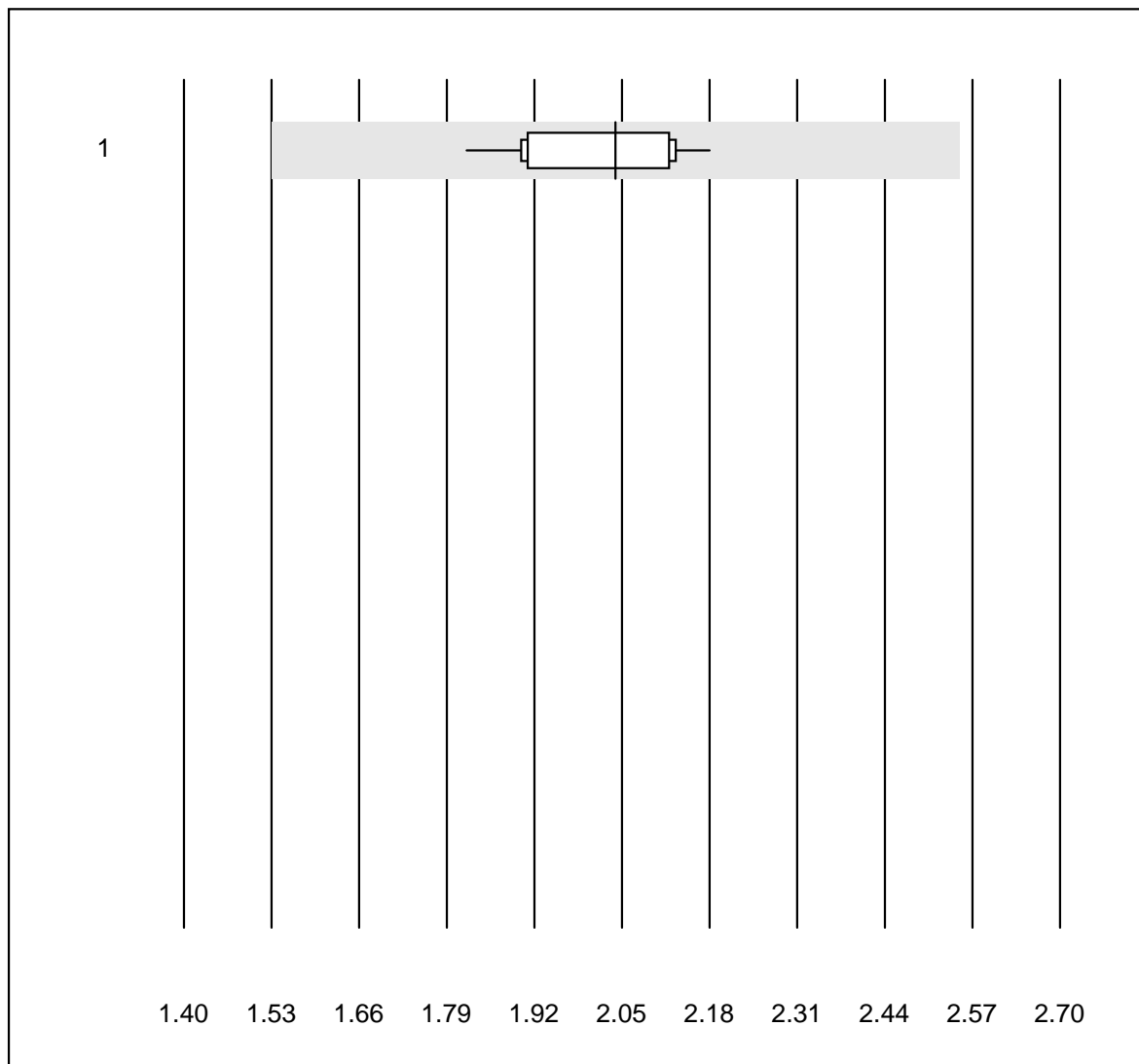


Deviazione QUALAB : 25 %

Anticorpi anti-streptolisina (kIU/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	10	90.0	0.0	10.0	181	6.4	a

Complemento C3

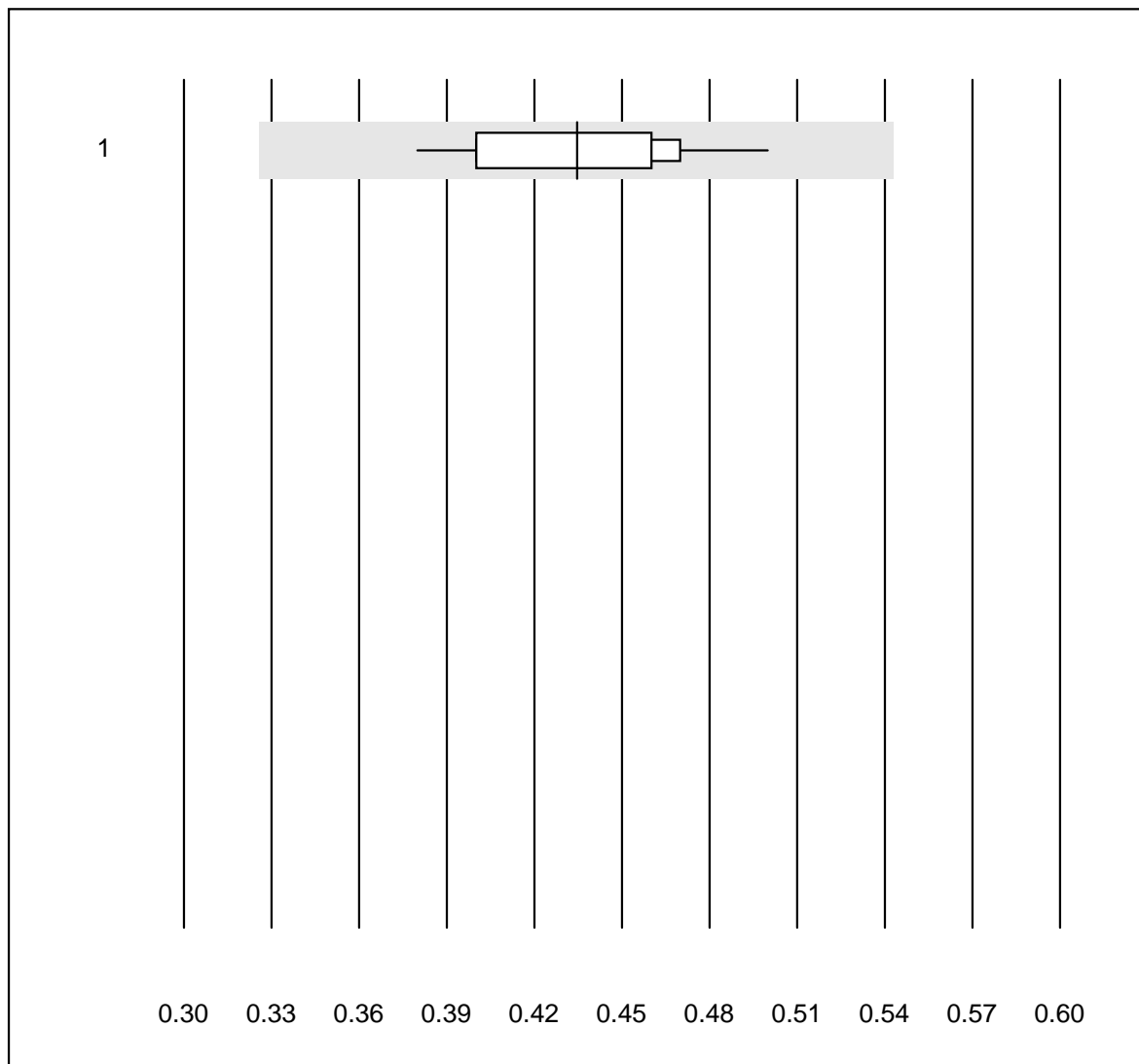


Deviazione QUALAB : 25 %

Complemento C3 (g/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	12	100.0	0.0	0.0	2.04	5.4	e

Complemento C4

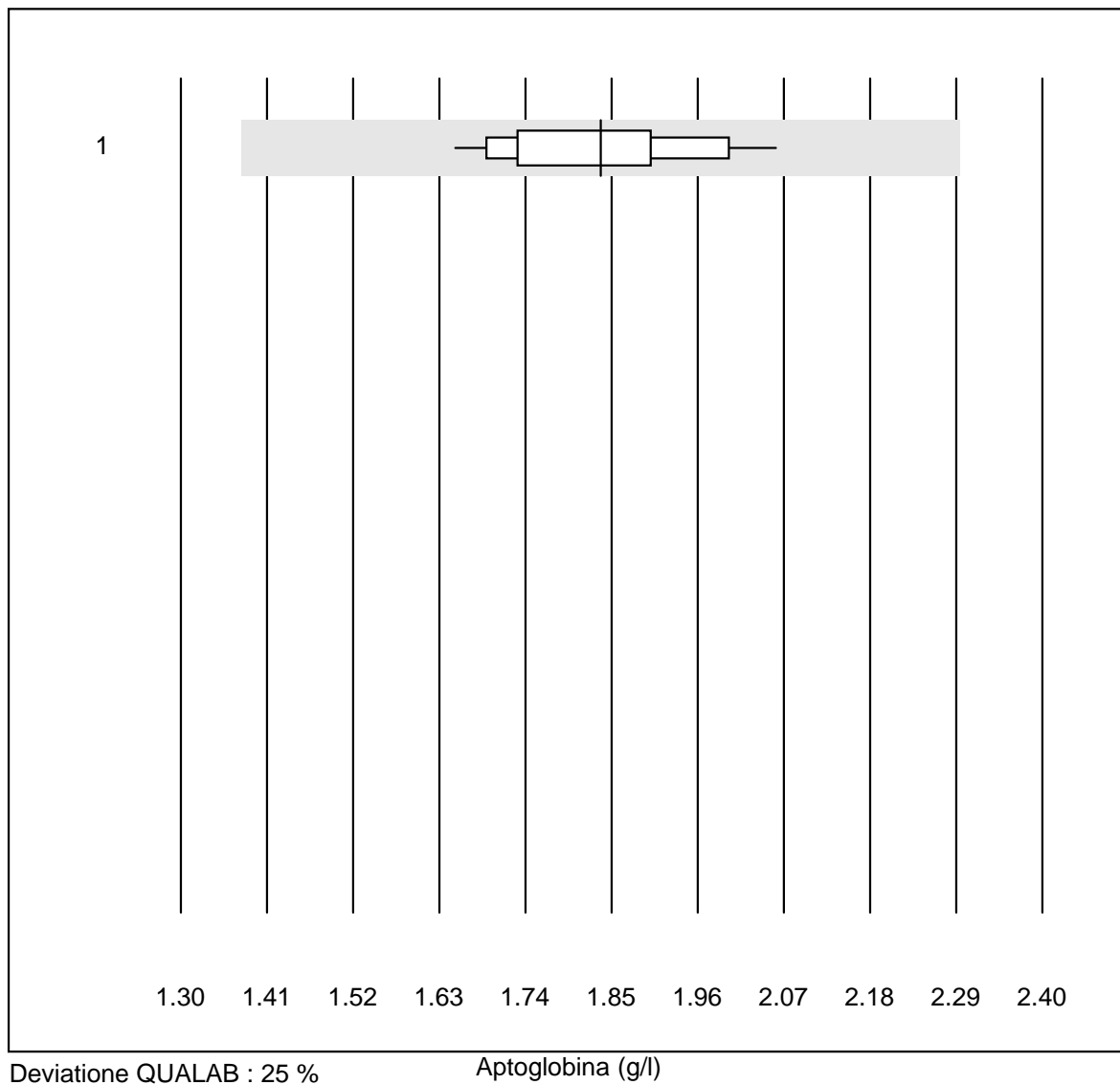


Deviazione QUALAB : 25 %

Complemento C4 (g/l)

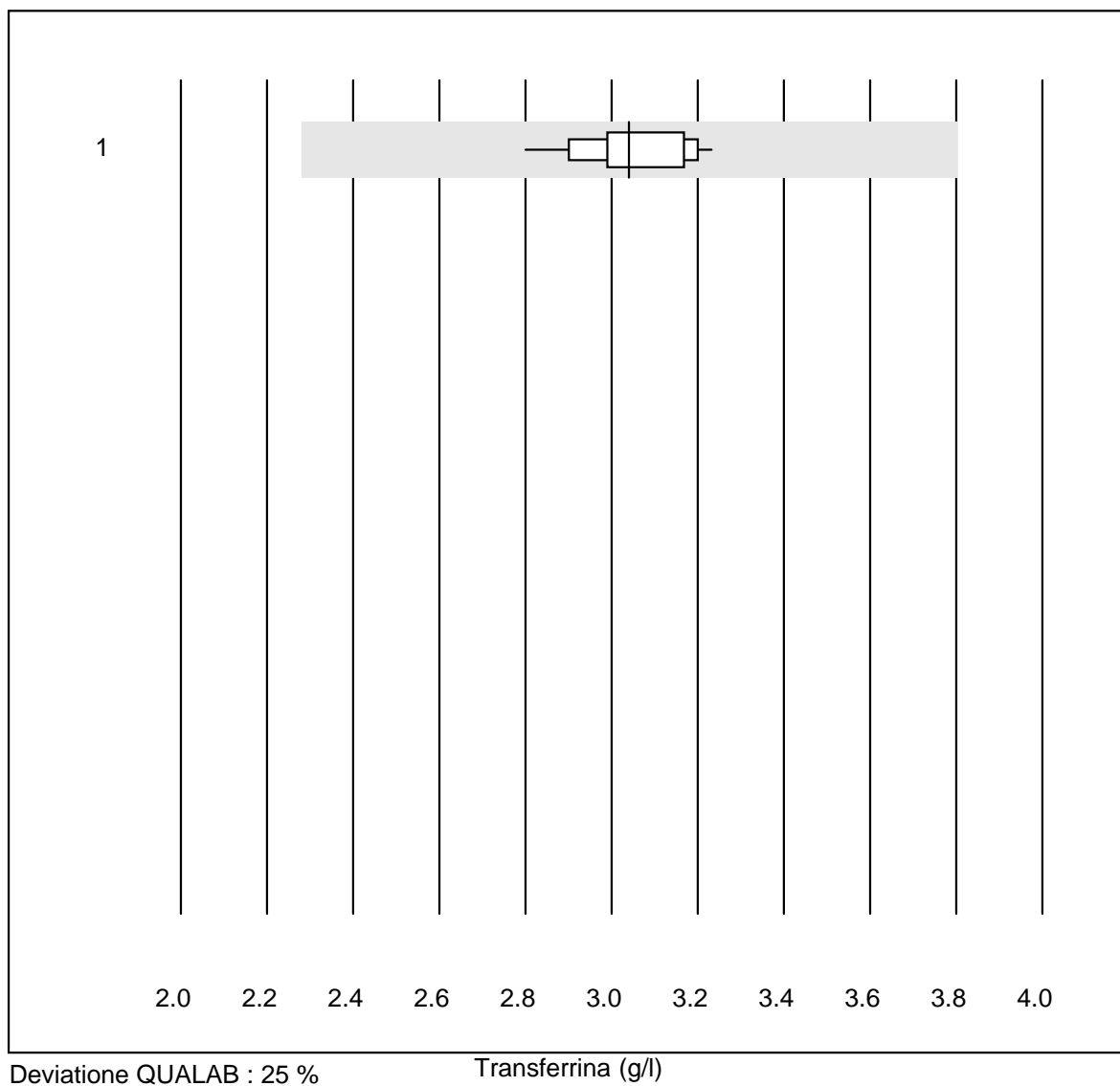
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	11	100.0	0.0	0.0	0.43	7.9	e

Aptoglobina



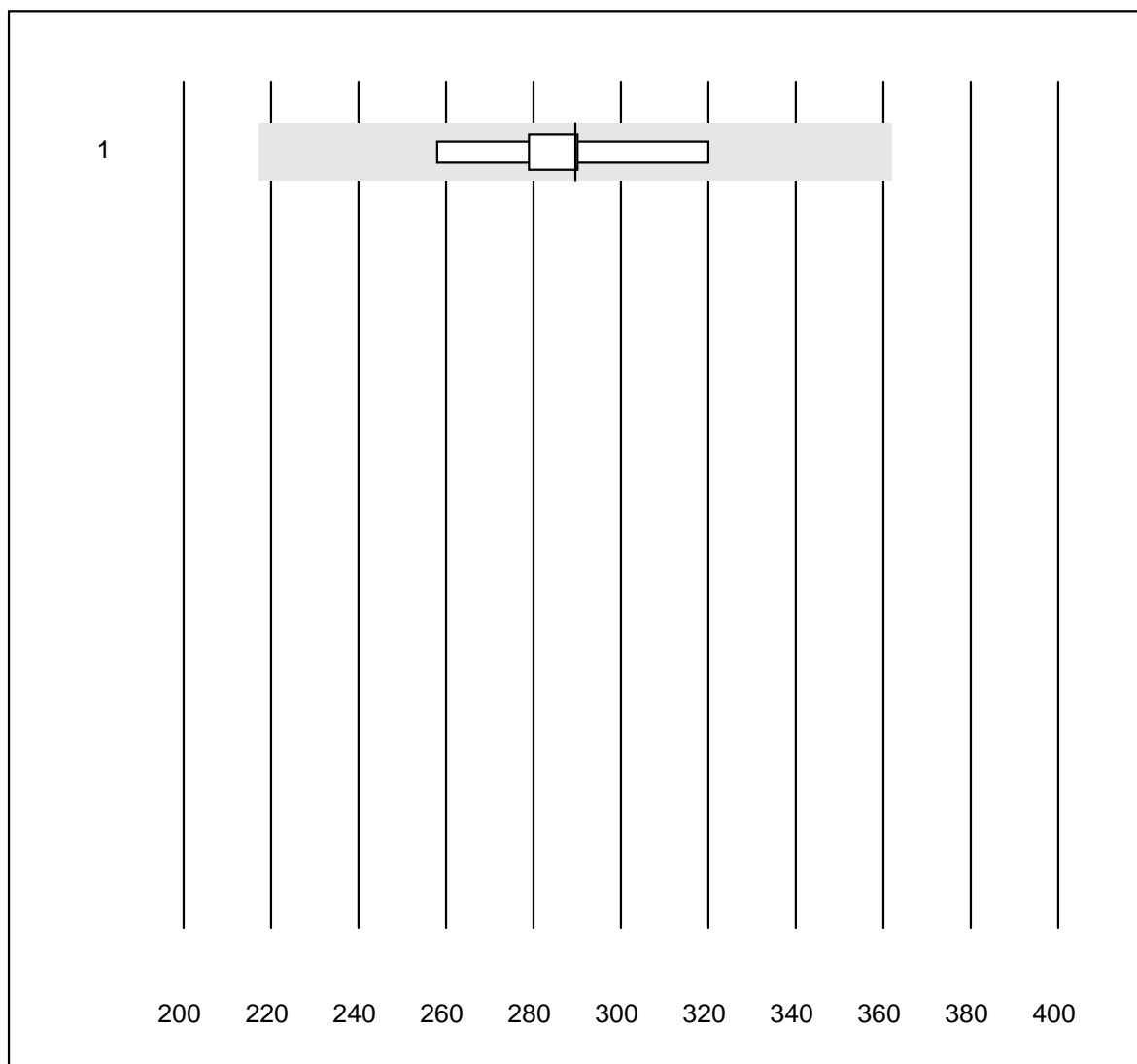
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	12	100.0	0.0	0.0	1.84	6.7	e

Transferrina



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	15	100.0	0.0	0.0	3.04	3.9	e

Präalbumin

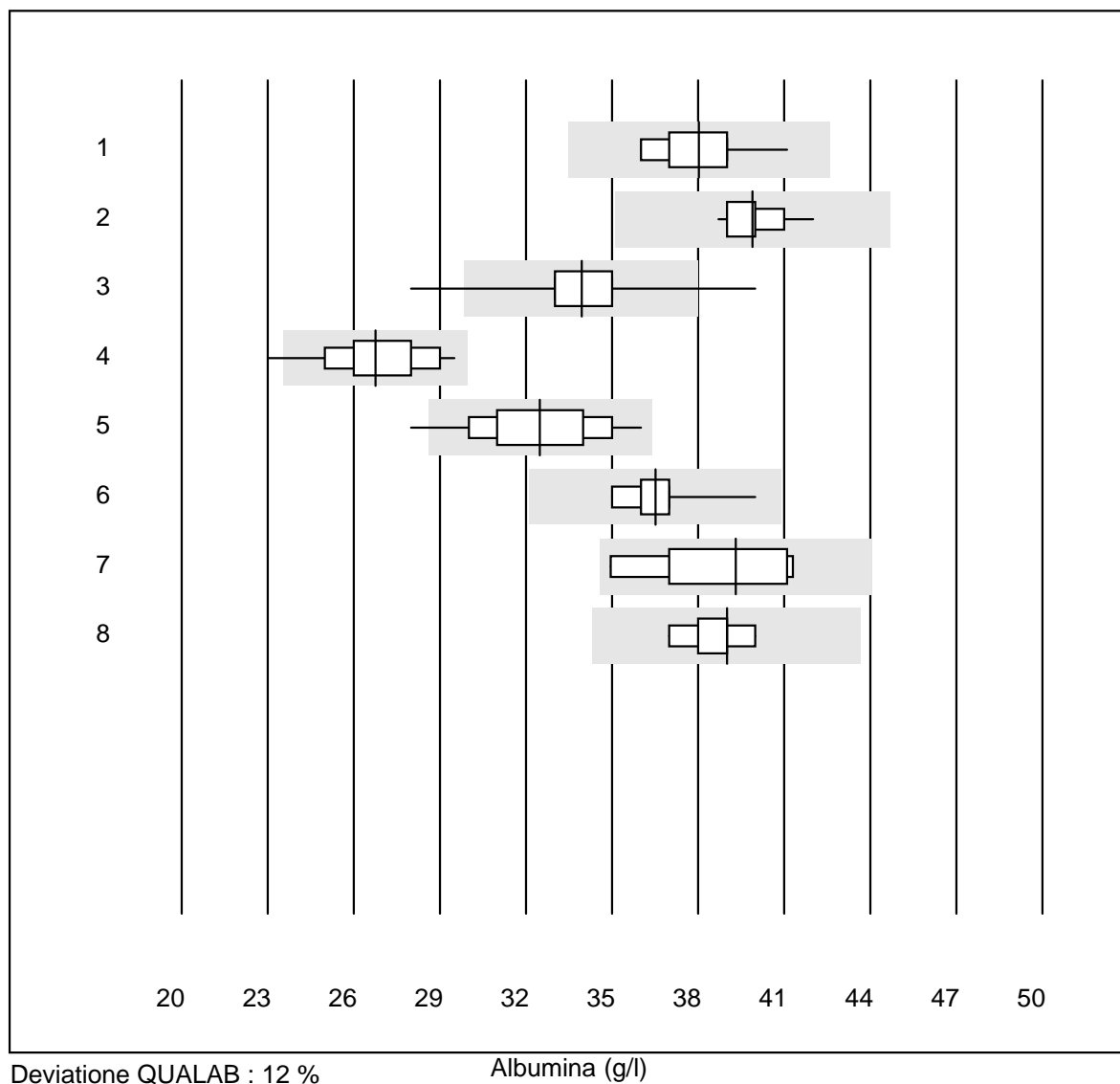


Deviazione QUALAB : 25 %

Präalbumin (mg/l)

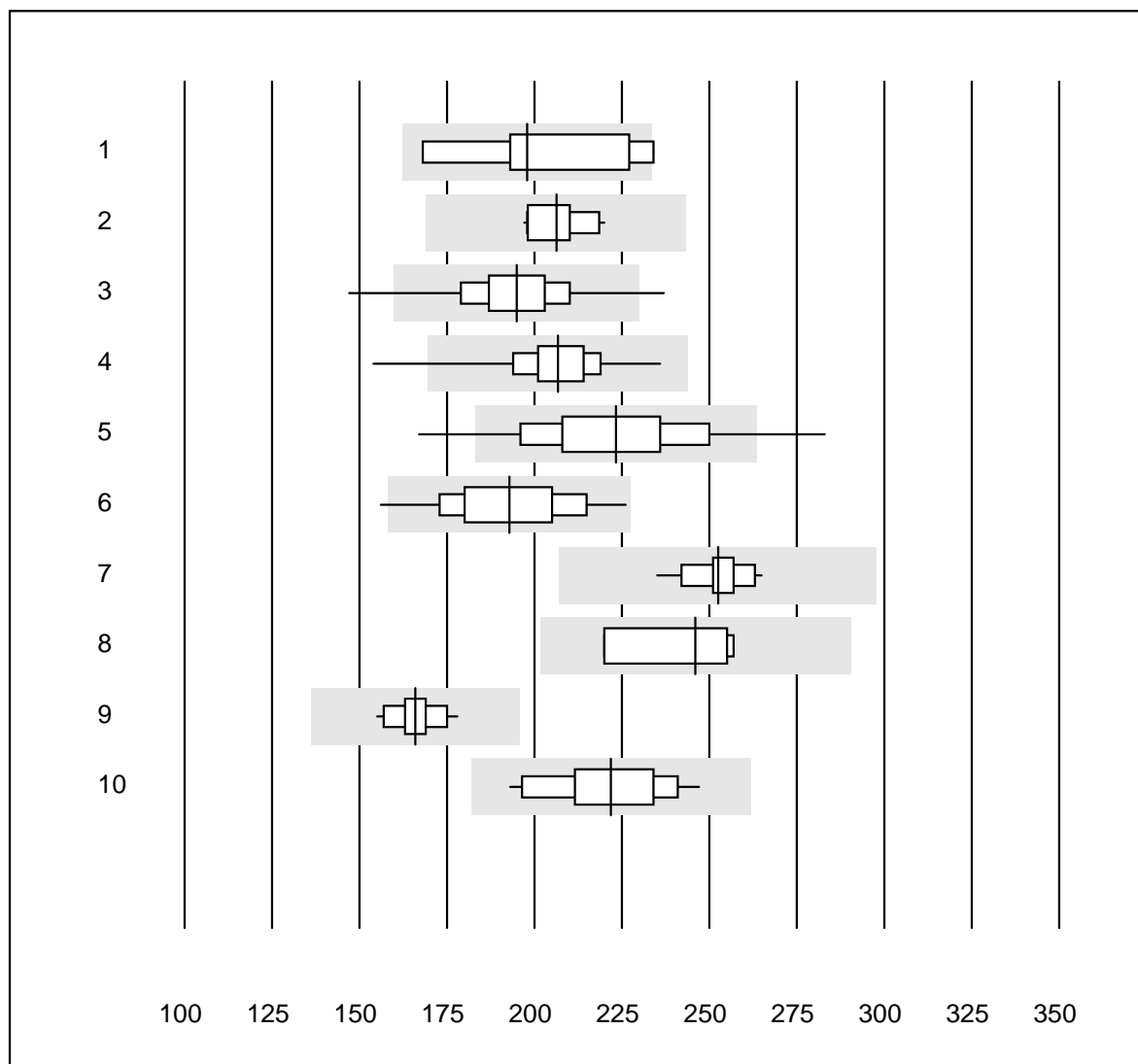
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	7	100.0	0.0	0.0	289.6	6.4	e

Albumina



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	20	100.0	0.0	0.0	38	3.5	e
2 Cobas	12	100.0	0.0	0.0	40	2.2	e
3 Fuji Dri-Chem	172	96.6	1.7	1.7	34	4.1	e
4 Spotchem/Ready	42	97.6	2.4	0.0	27	5.2	e
5 Spotchem D-Concept	70	97.2	1.4	1.4	32	5.4	e
6 Piccolo	30	100.0	0.0	0.0	37	2.7	e
7 Abx Mira	8	87.5	0.0	12.5	39	5.8	e*
8 Hitachi S40/M40	9	100.0	0.0	0.0	39	2.3	e

Fosfatasi alcalina

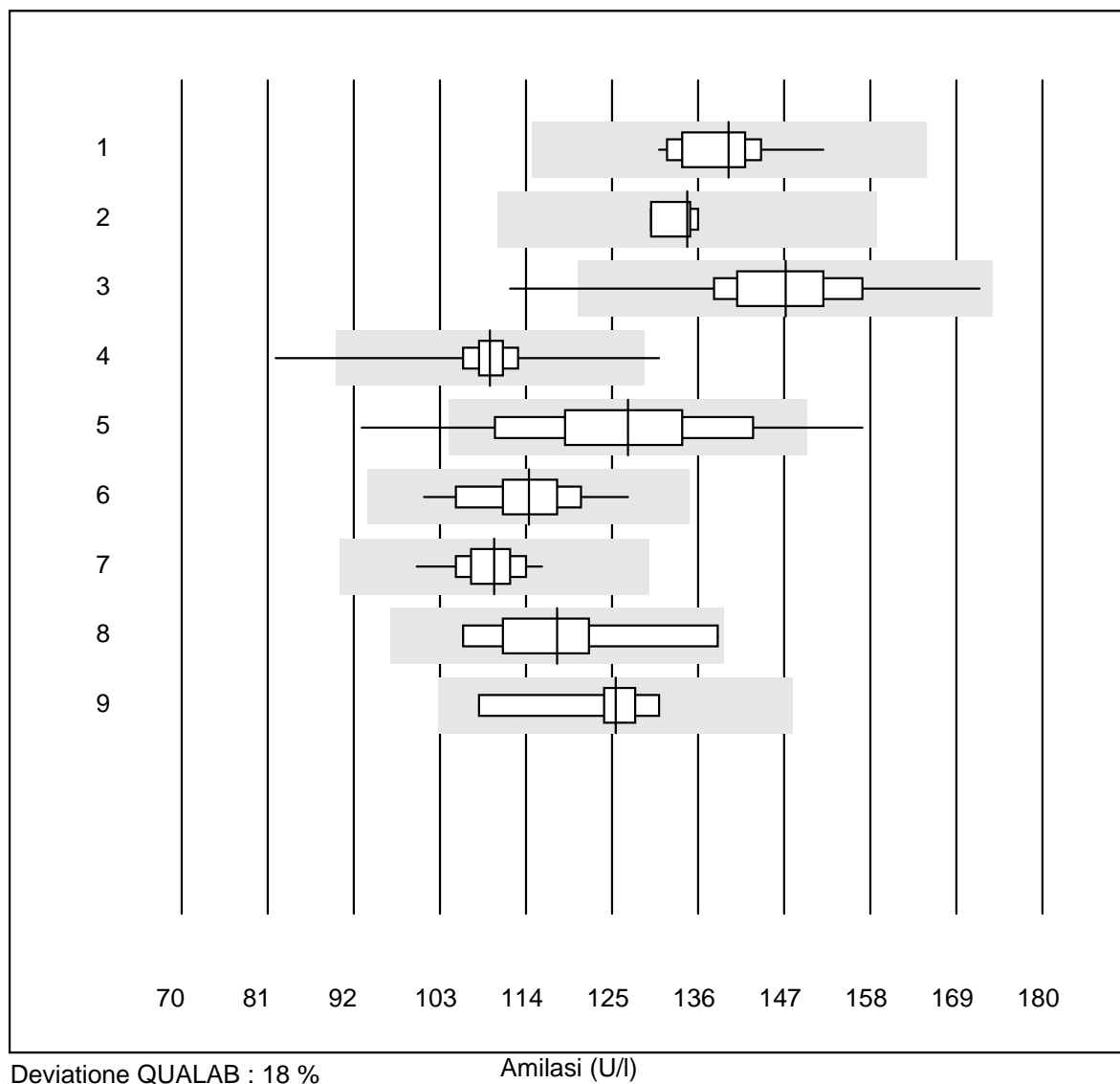


Deviazione QUALAB : 18 %

Fosfatasi alcalina (U/l)

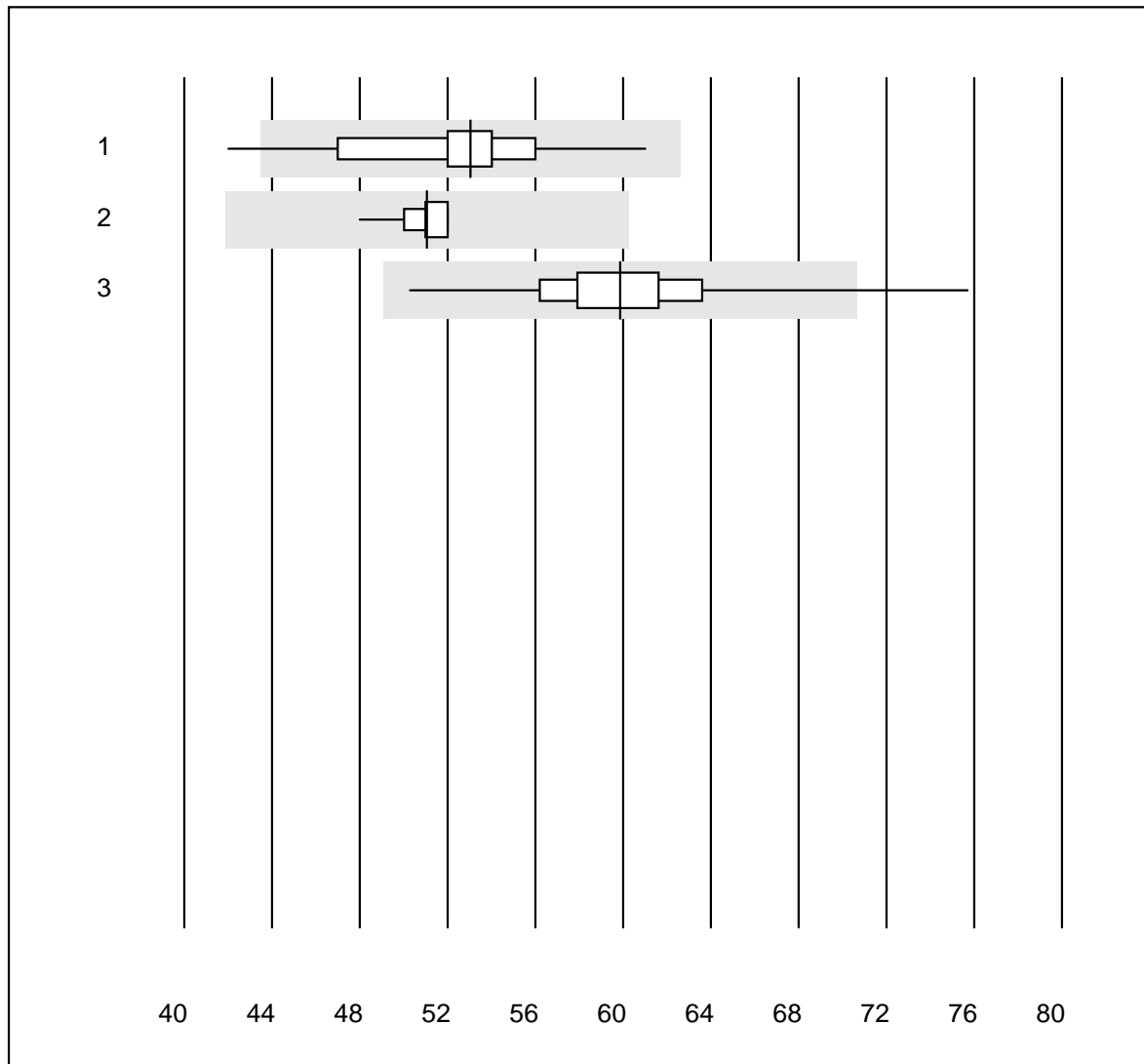
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC/SGKC/SFBC 37°C	11	72.7	9.1	18.2	198	11.1	e*
2 Cobas	17	100.0	0.0	0.0	206	3.8	e
3 Reflotron	676	96.5	1.6	1.9	195	6.7	e
4 Fuji Dri-Chem	666	98.6	0.6	0.8	207	4.9	e
5 Spotchem/Ready	116	90.5	7.8	1.7	223	9.8	e
6 Spotchem D-Concept	131	99.2	0.8	0.0	193	8.2	e
7 Hitachi S40/M40	14	100.0	0.0	0.0	253	3.2	e
8 Olympus	7	100.0	0.0	0.0	246	7.1	e*
9 Piccolo	29	100.0	0.0	0.0	166	3.6	e
10 Abx Mira	20	100.0	0.0	0.0	222	6.8	e

Amilasi



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC EPS liquid 37°C	12	100.0	0.0	0.0	140	4.2	e
2 Cobas	5	100.0	0.0	0.0	135	2.2	e
3 Reflotron	178	97.2	0.6	2.2	147	5.8	e
4 Fuji Dri-Chem	493	99.0	0.6	0.4	109	3.5	e
5 Spotchem/Ready	77	90.9	6.5	2.6	127	9.6	e
6 Spotchem D-Concept	98	100.0	0.0	0.0	114	5.2	e
7 Piccolo	27	100.0	0.0	0.0	110	3.2	e
8 Abx Mira	9	88.9	0.0	11.1	118	8.4	e*
9 Hitachi S40/M40	7	100.0	0.0	0.0	126	6.0	e*

Amilasi pancreatica

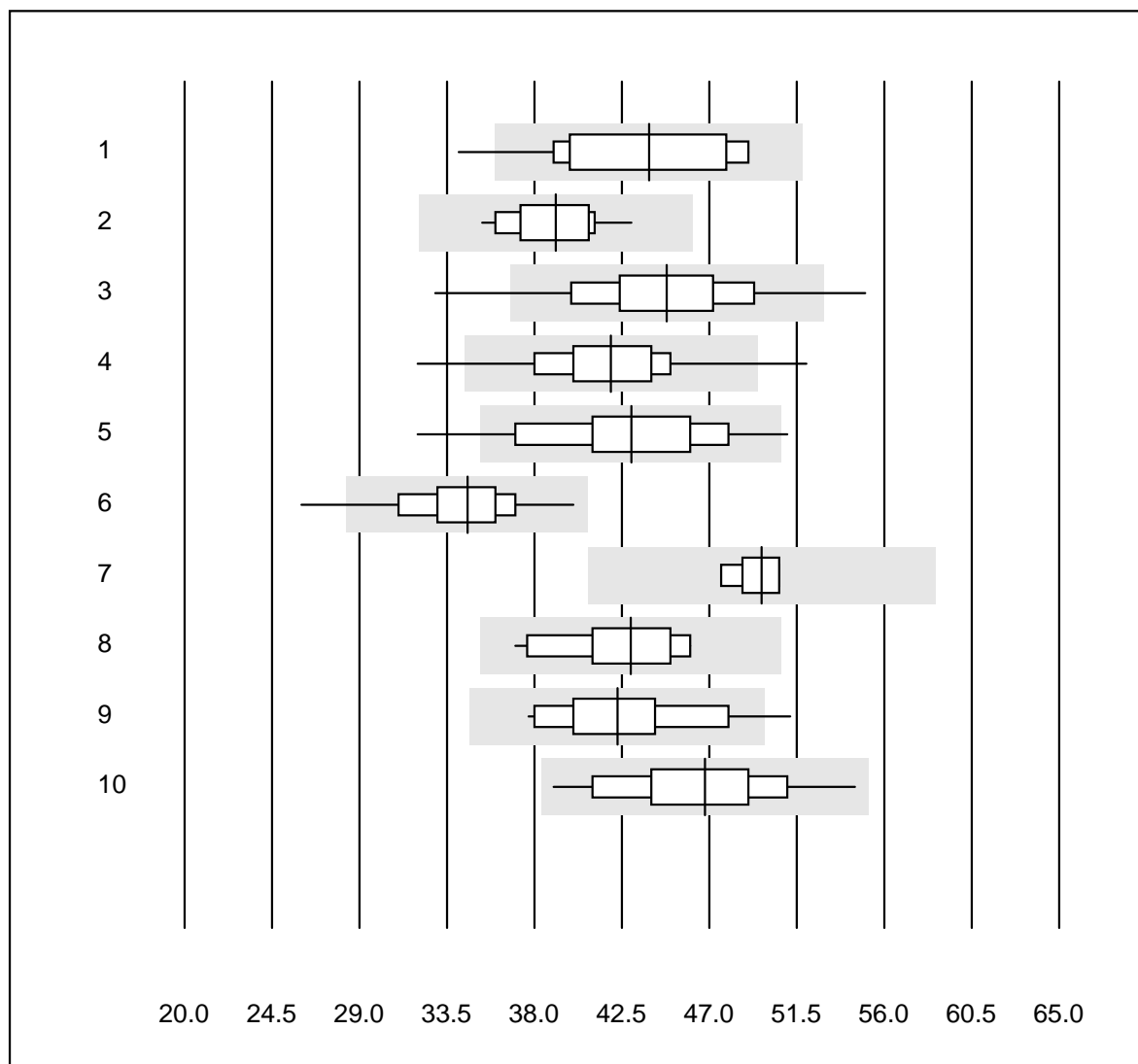


Deviazione QUALAB : 18 %

Amilasi pancreatica (U/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC EPS liquid 37°C	19	89.4	5.3	5.3	53	7.3	e
2 Cobas	13	100.0	0.0	0.0	51	2.2	e
3 Reflotron	441	97.7	0.9	1.4	60	5.4	e

Bilirubina totale

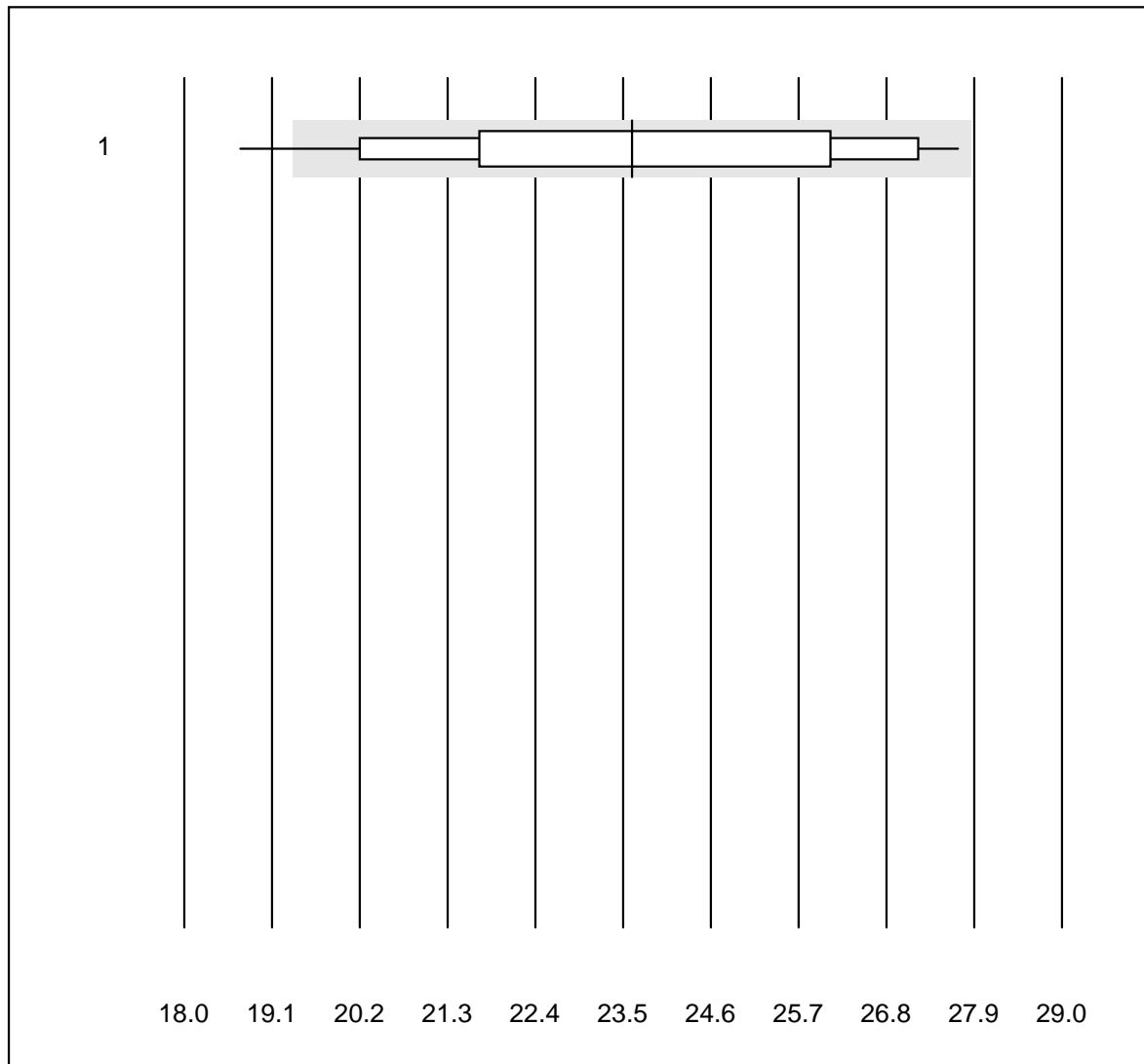


Deviazione QUALAB : 18 %

Bilirubina totale (µmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	15	93.3	6.7	0.0	43.9	10.3	e*
2 Cobas	16	100.0	0.0	0.0	39.1	5.3	e
3 Reflotron	491	93.3	2.6	4.1	44.8	8.1	e
4 Fuji Dri-Chem	496	97.4	1.6	1.0	41.9	6.8	e
5 Spotchem/Ready	94	91.5	5.3	3.2	43.0	8.9	e
6 Spotchem D-Concept	106	96.3	2.8	0.9	34.5	7.3	e
7 Beckman/Olympus	7	100.0	0.0	0.0	49.7	2.2	e
8 Piccolo	28	96.4	0.0	3.6	42.9	6.6	e
9 Abx Mira	20	90.0	5.0	5.0	42.3	8.2	e
10 Hitachi S40/M40	12	100.0	0.0	0.0	46.8	9.0	e*

Bilirubina diretto

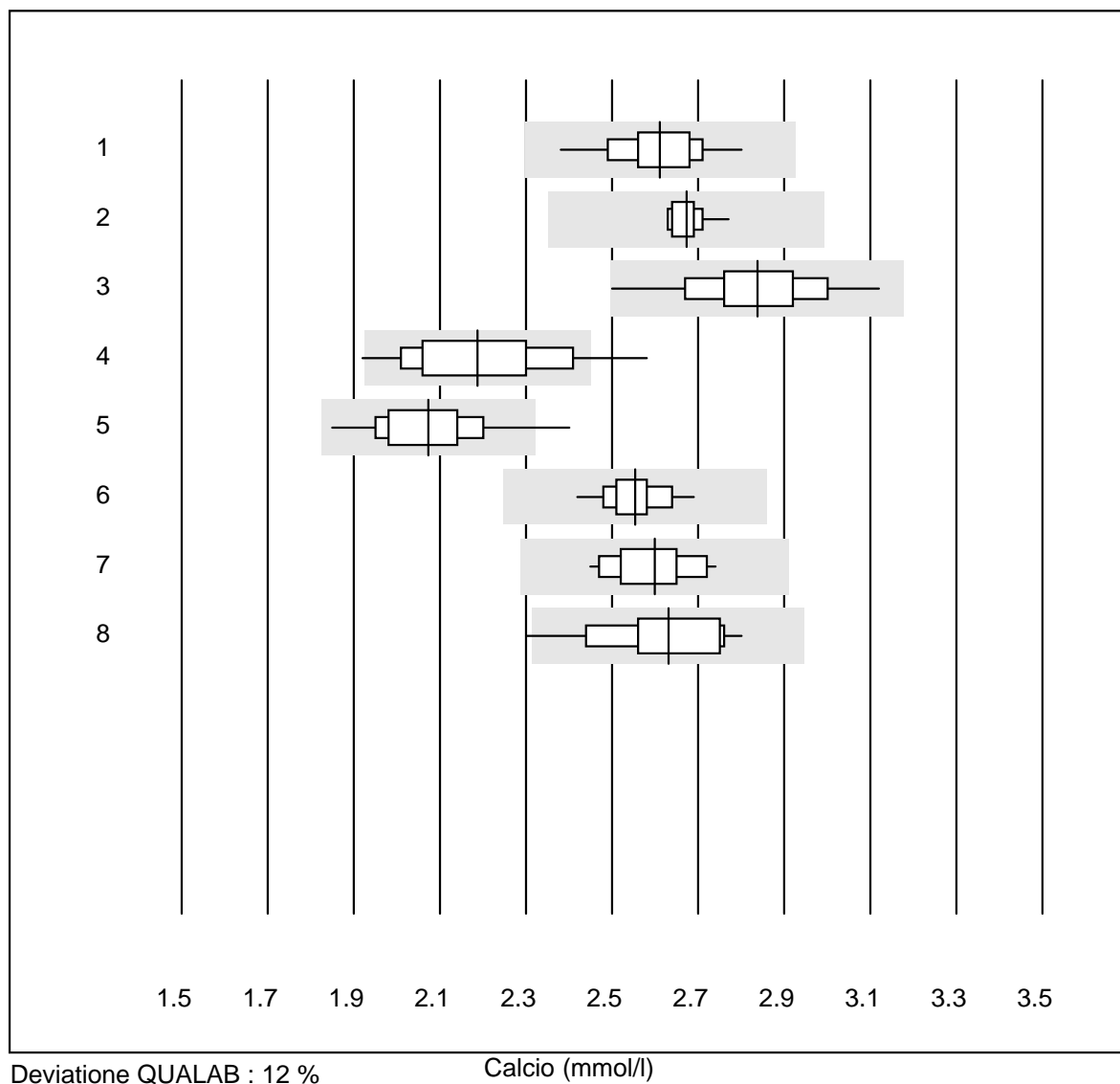


Deviazione QUALAB : 18 %

Bilirubina diretto (µmol/l)

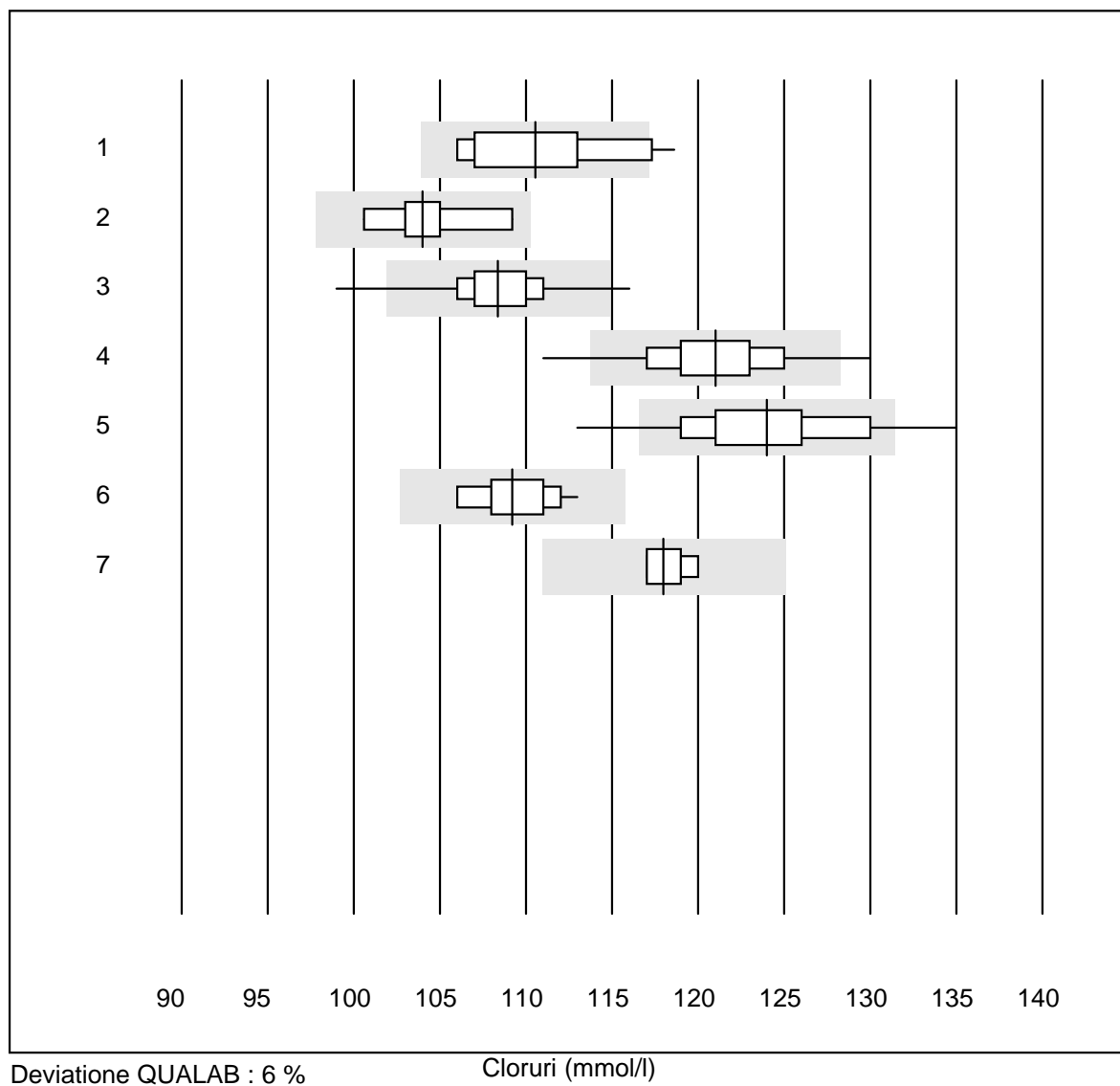
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Fuji Dri-Chem	32	87.5	3.1	9.4	23.6	10.8	e

Calcio



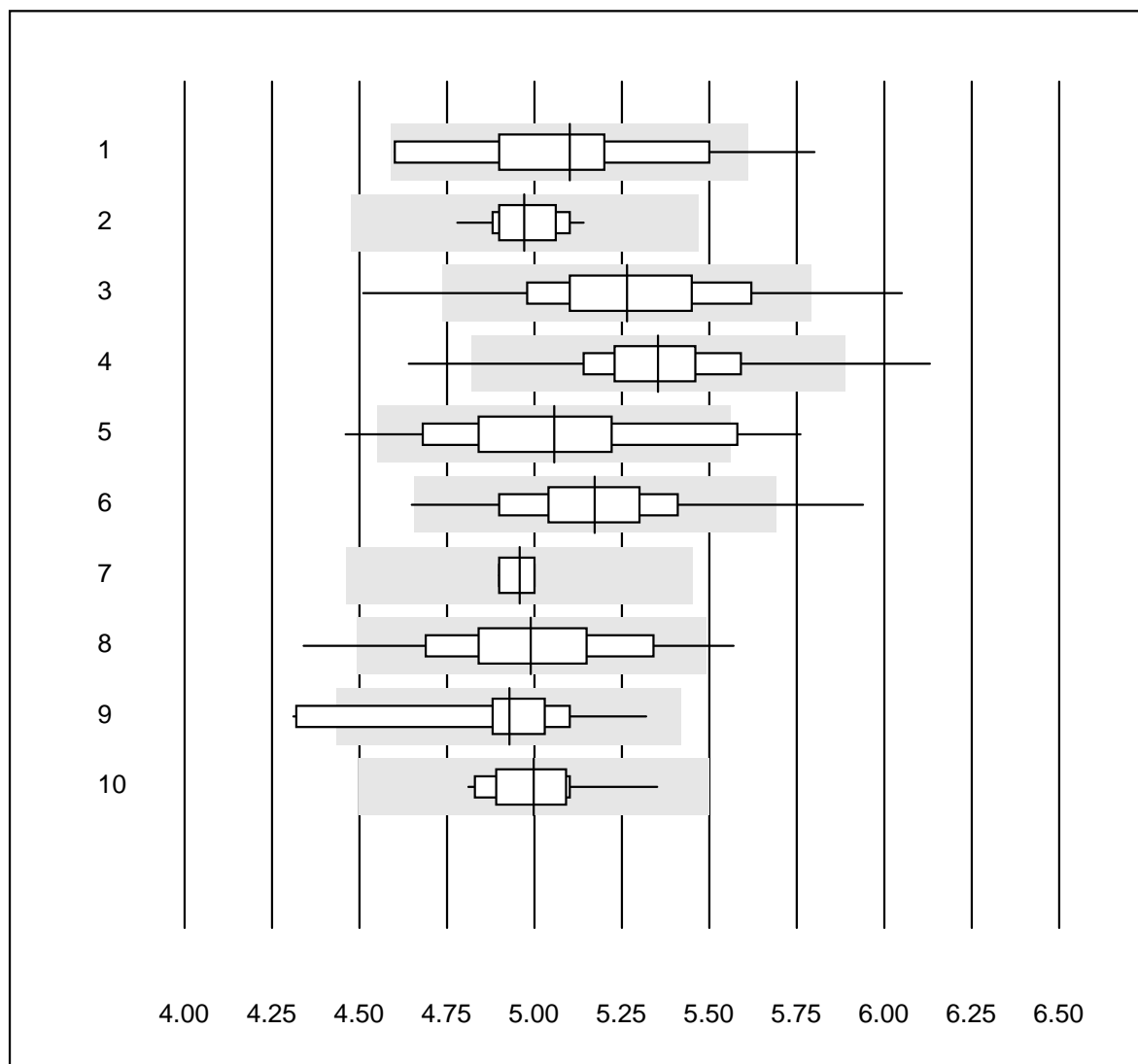
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	23	95.7	0.0	4.3	2.61	3.6	e
2 Cobas	12	100.0	0.0	0.0	2.67	1.6	e
3 Fuji Dri-Chem	339	99.1	0.0	0.9	2.84	4.3	e
4 Spotchem/Ready	44	93.2	6.8	0.0	2.19	7.3	e
5 Spotchem D-Concept	66	95.5	3.0	1.5	2.07	5.5	e
6 Piccolo	29	100.0	0.0	0.0	2.55	2.4	e
7 Abx Mira	14	100.0	0.0	0.0	2.60	3.5	e
8 Hitachi S40/M40	11	90.9	9.1	0.0	2.63	5.7	e*

Cloruri



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ISE	16	81.2	12.5	6.3	111	3.8	e*
2 Cobas	9	100.0	0.0	0.0	104	2.6	e*
3 Fuji Dri-Chem	585	98.1	1.7	0.2	108	2.0	e
4 Spotchem D-Concept	120	93.4	3.3	3.3	121	2.7	e
5 Spotchem EL-SE 1520	110	85.5	12.7	1.8	124	3.6	e
6 Piccolo	18	100.0	0.0	0.0	109	1.9	e
7 iStat Chem8	4	100.0	0.0	0.0	118	1.3	e

Colesterolo

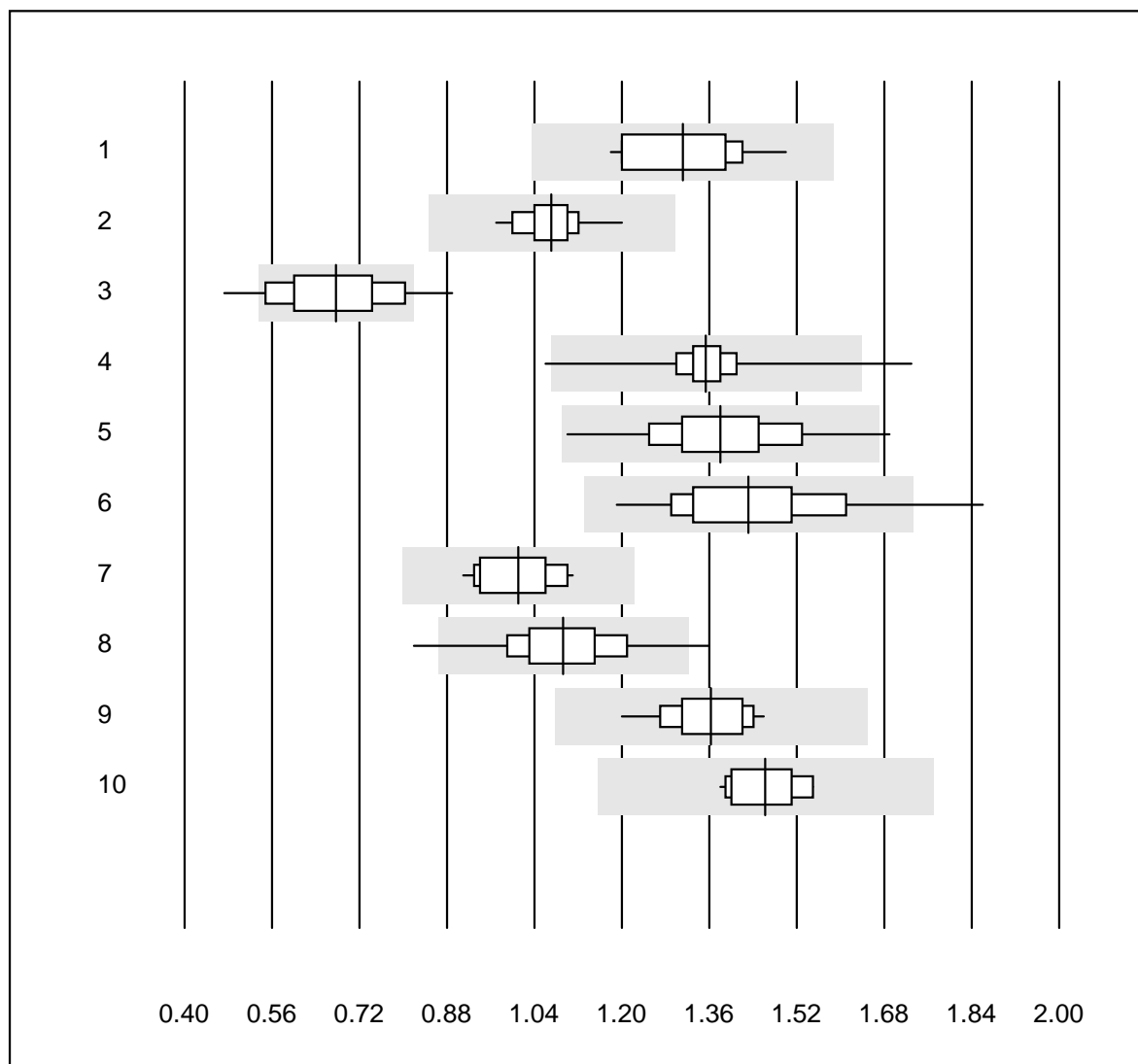


Deviazione QUALAB : 10 %

Colesterolo (mmol/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	22	95.5	4.5	0.0	5.1	6.3	e*
2 Cobas	15	100.0	0.0	0.0	5.0	2.0	e
3 Reflotron	769	95.4	3.8	0.8	5.3	4.8	e
4 Fuji Dri-Chem	683	97.8	1.5	0.7	5.4	3.5	e
5 Spotchem/Ready	142	85.2	12.0	2.8	5.1	6.1	e
6 Spotchem D-Concept	137	97.1	2.9	0.0	5.2	4.2	e
7 Piccolo	21	100.0	0.0	0.0	5.0	1.0	e
8 Cholestech LDX	187	94.1	4.8	1.1	5.0	4.8	e
9 Abx Mira	20	90.0	10.0	0.0	4.9	5.2	e
10 Hitachi S40/M40	13	100.0	0.0	0.0	5.0	3.0	e

Colesterolo HDL

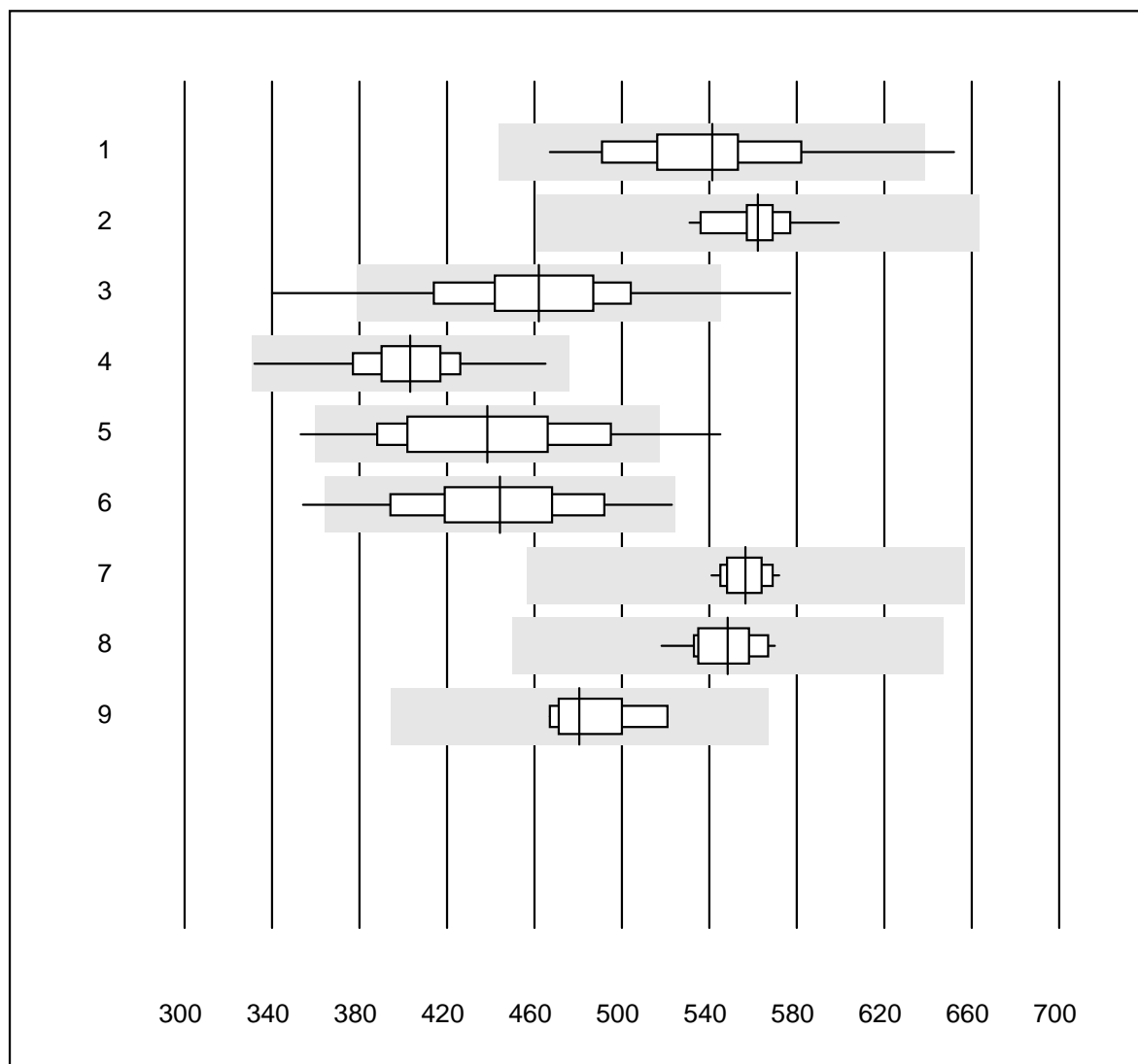


Deviazione QUALAB : 21 %

Colesterolo HDL (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 umida, diretto	18	100.0	0.0	0.0	1.31	7.1	e
2 Cobas	13	100.0	0.0	0.0	1.07	5.5	e
3 Reflotron	576	74.6	13.4	12.0	0.68	14.4	e
4 Fuji Dri-Chem	646	99.0	0.5	0.5	1.35	3.8	e
5 Spotchem/Ready	128	96.9	2.3	0.8	1.38	8.6	e
6 Spotchem D-Concept	133	96.2	3.0	0.8	1.43	9.4	e
7 Piccolo	22	100.0	0.0	0.0	1.01	6.4	e
8 Cholestech LDX	187	95.2	3.2	1.6	1.09	8.8	e
9 Abx Mira	19	100.0	0.0	0.0	1.36	4.9	e
10 Hitachi S40/M40	12	100.0	0.0	0.0	1.46	4.1	e

Creatina chinasi

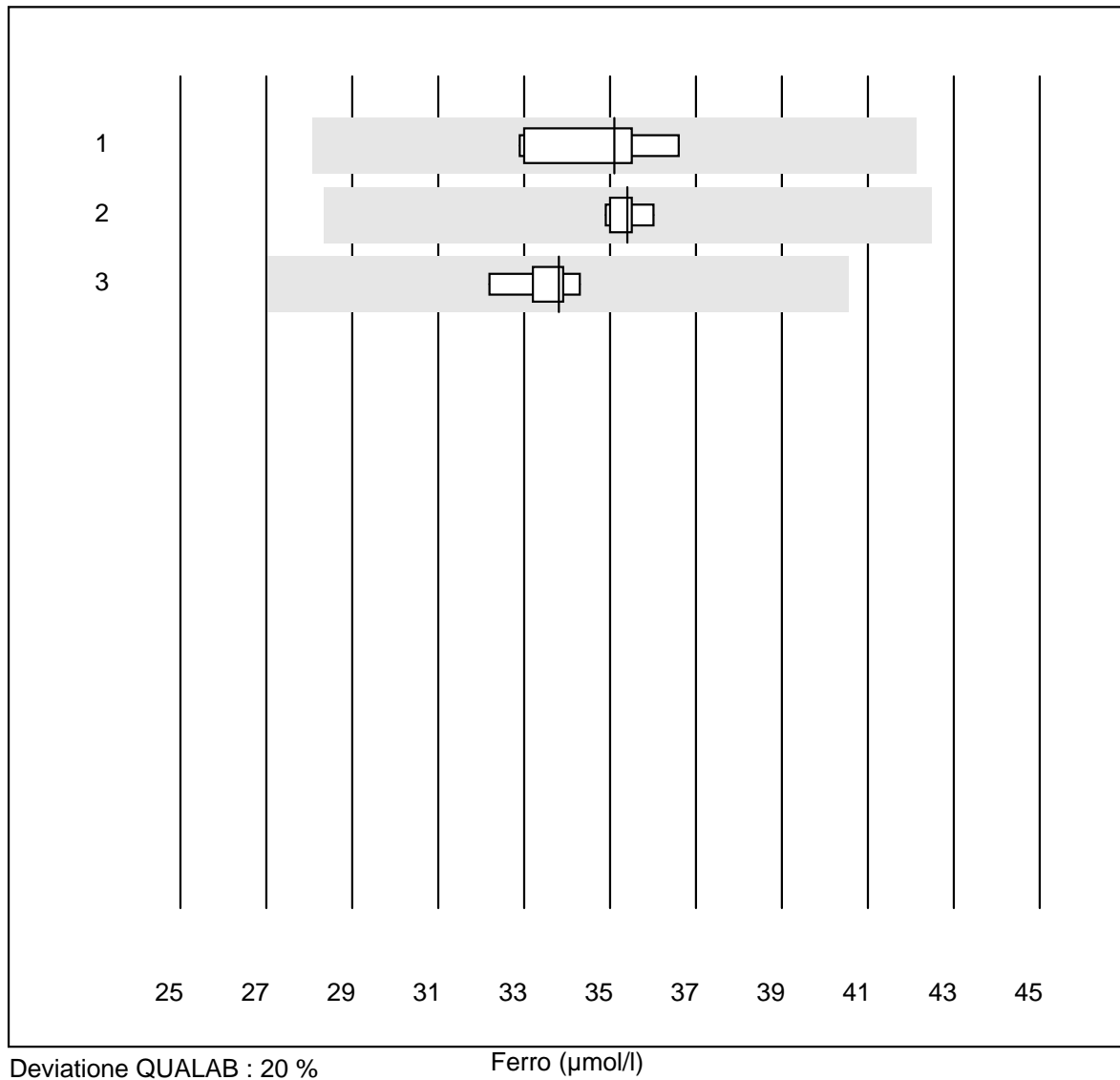


Deviazione QUALAB : 18 %

Creatina chinasi (U/l)

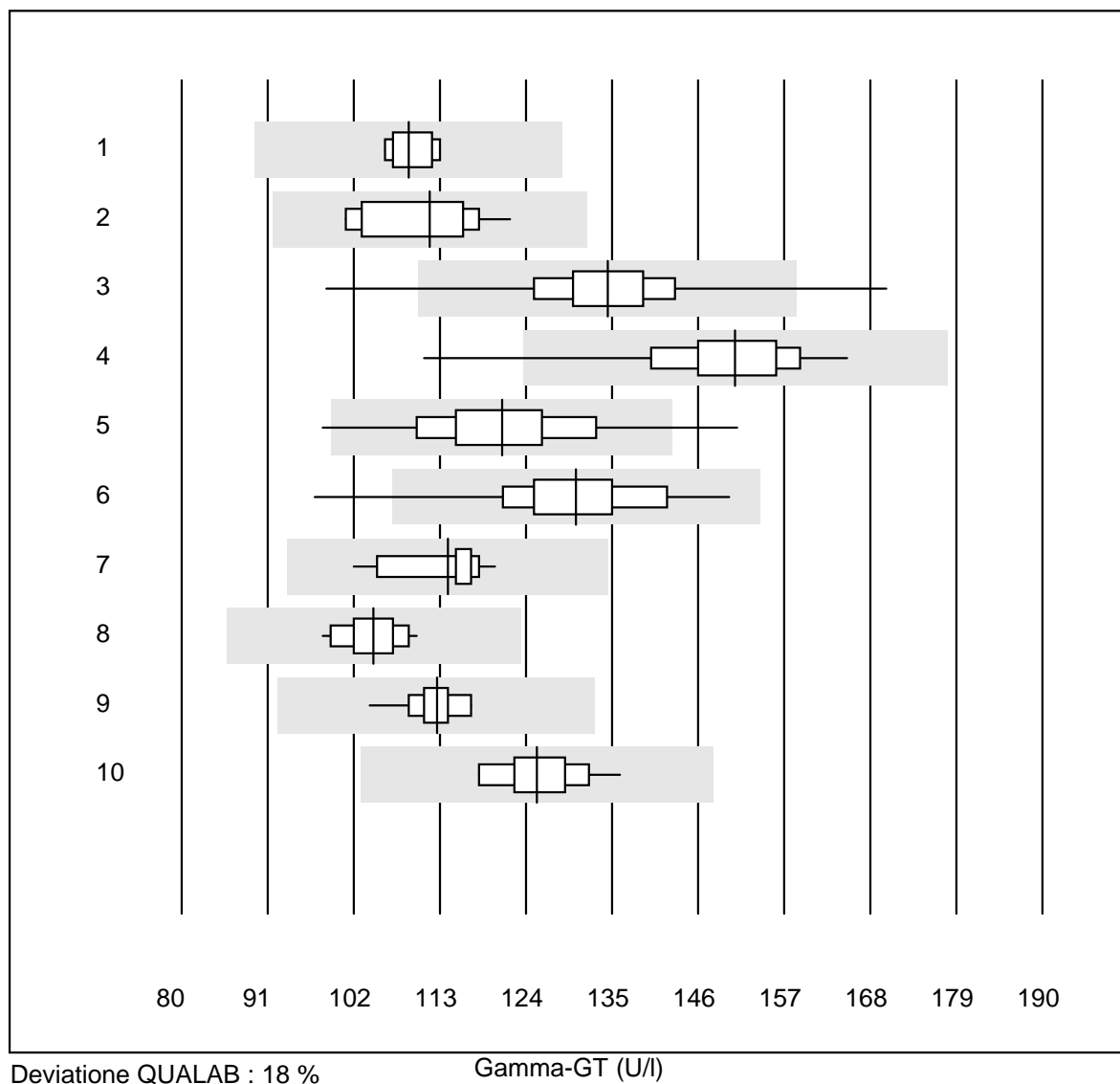
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC/SGKC/SFBC 37°C	20	95.0	5.0	0.0	541	7.3	e
2 Cobas	15	100.0	0.0	0.0	562	2.9	e
3 Reflotron	412	92.0	4.4	3.6	462	8.2	e
4 Fuji Dri-Chem	426	98.6	0.0	1.4	403	5.0	e
5 Spotchem/Ready	54	90.7	5.6	3.7	438	9.7	e
6 Spotchem D-Concept	82	95.2	2.4	2.4	444	8.3	e
7 Piccolo	12	100.0	0.0	0.0	557	1.8	e
8 Abx Mira	16	100.0	0.0	0.0	549	2.7	e
9 Hitachi S40/M40	8	100.0	0.0	0.0	481	4.0	e

Ferro



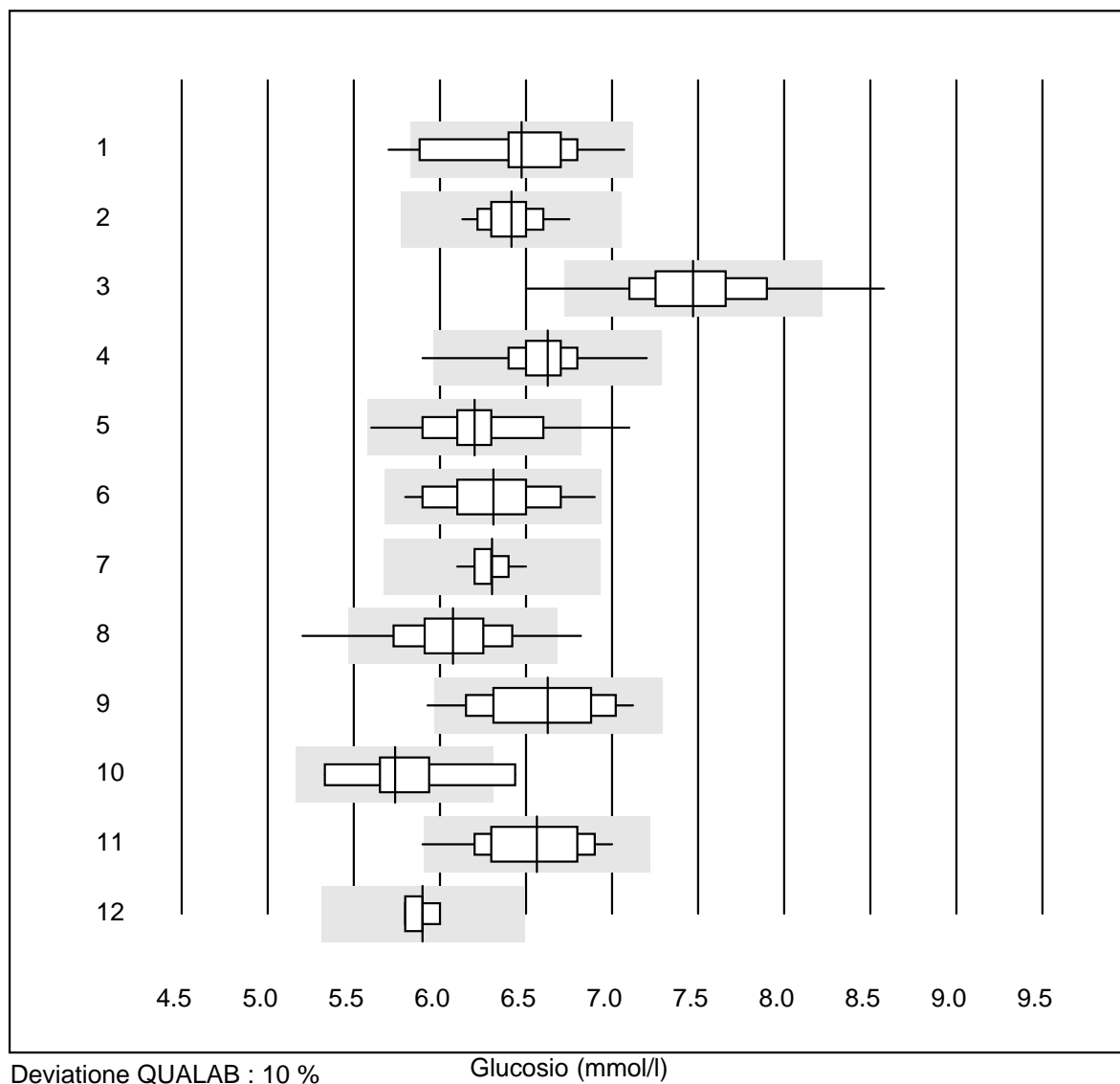
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	9	88.9	0.0	11.1	35	4.0	e
2 Cobas	9	100.0	0.0	0.0	35	1.1	e
3 Abx Mira	5	100.0	0.0	0.0	34	2.4	e

Gamma-GT



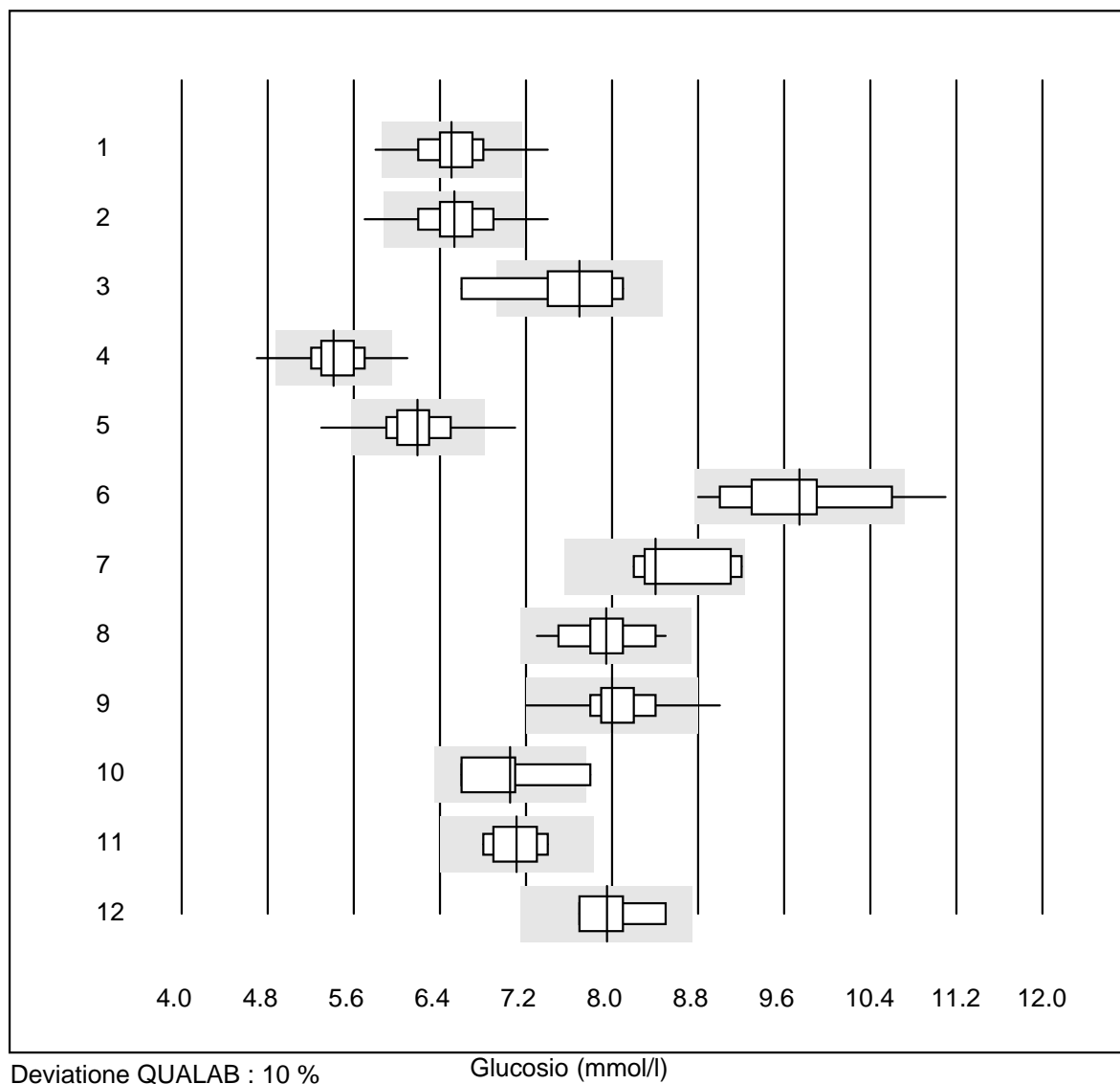
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC/SGKC/SFBC 37°C	7	100.0	0.0	0.0	109	2.4	e
2 Cobas	16	100.0	0.0	0.0	112	6.3	e
3 Reflotron	882	97.5	1.9	0.6	134	6.0	e
4 Fuji Dri-Chem	722	99.0	0.6	0.4	151	5.2	e
5 Spotchem/Ready	146	97.2	1.4	1.4	121	7.4	e
6 Spotchem D-Concept	149	98.6	0.7	0.7	130	6.3	e
7 Metodo standard, 37'	13	100.0	0.0	0.0	114	4.7	e
8 Piccolo	28	100.0	0.0	0.0	105	3.0	e
9 Abx Mira	21	100.0	0.0	0.0	113	3.0	e
10 Hitachi S40/M40	15	100.0	0.0	0.0	125	4.1	e

Glucosio



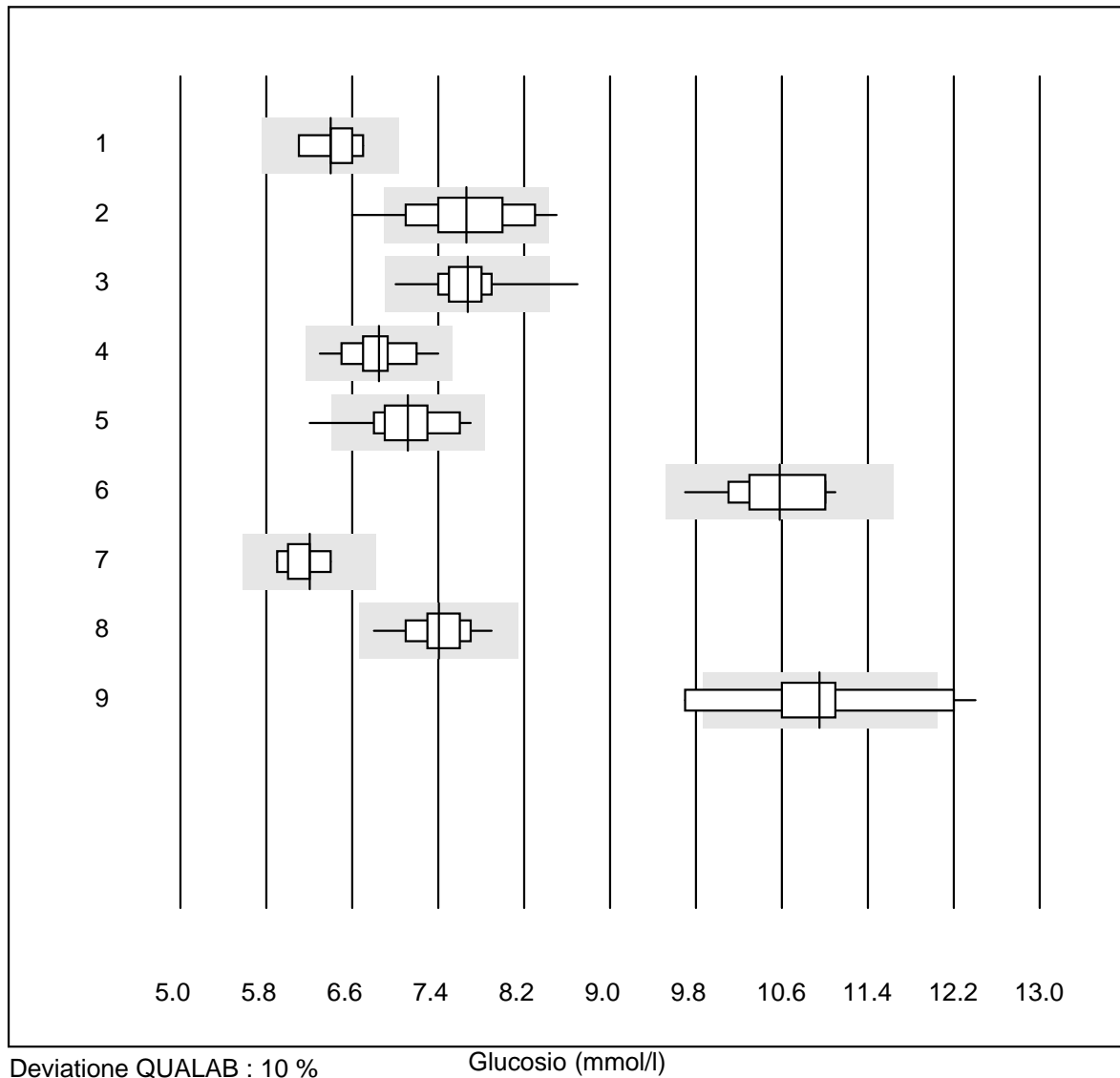
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	27	92.6	7.4	0.0	6.5	5.3	e
2 Cobas	16	100.0	0.0	0.0	6.4	2.5	e
3 Reflotron	899	95.3	2.7	2.0	7.5	4.3	e
4 Fuji Dri-Chem	685	99.5	0.1	0.4	6.6	2.4	e
5 Spotchem/Ready	132	97.7	1.5	0.8	6.2	4.3	e
6 Spotchem D-Concept	139	99.3	0.0	0.7	6.3	4.1	e
7 Piccolo	36	100.0	0.0	0.0	6.3	1.5	e
8 Cholestech LDX	150	95.4	3.3	1.3	6.1	4.5	e
9 Abx Mira	21	90.4	4.8	4.8	6.6	4.9	e
10 Lange	6	66.6	16.7	16.7	5.7	7.0	e*
11 Hitachi S40/M40	16	93.7	6.3	0.0	6.6	4.5	e
12 iStat Chem8	4	100.0	0.0	0.0	5.9	1.4	e

Glucosio



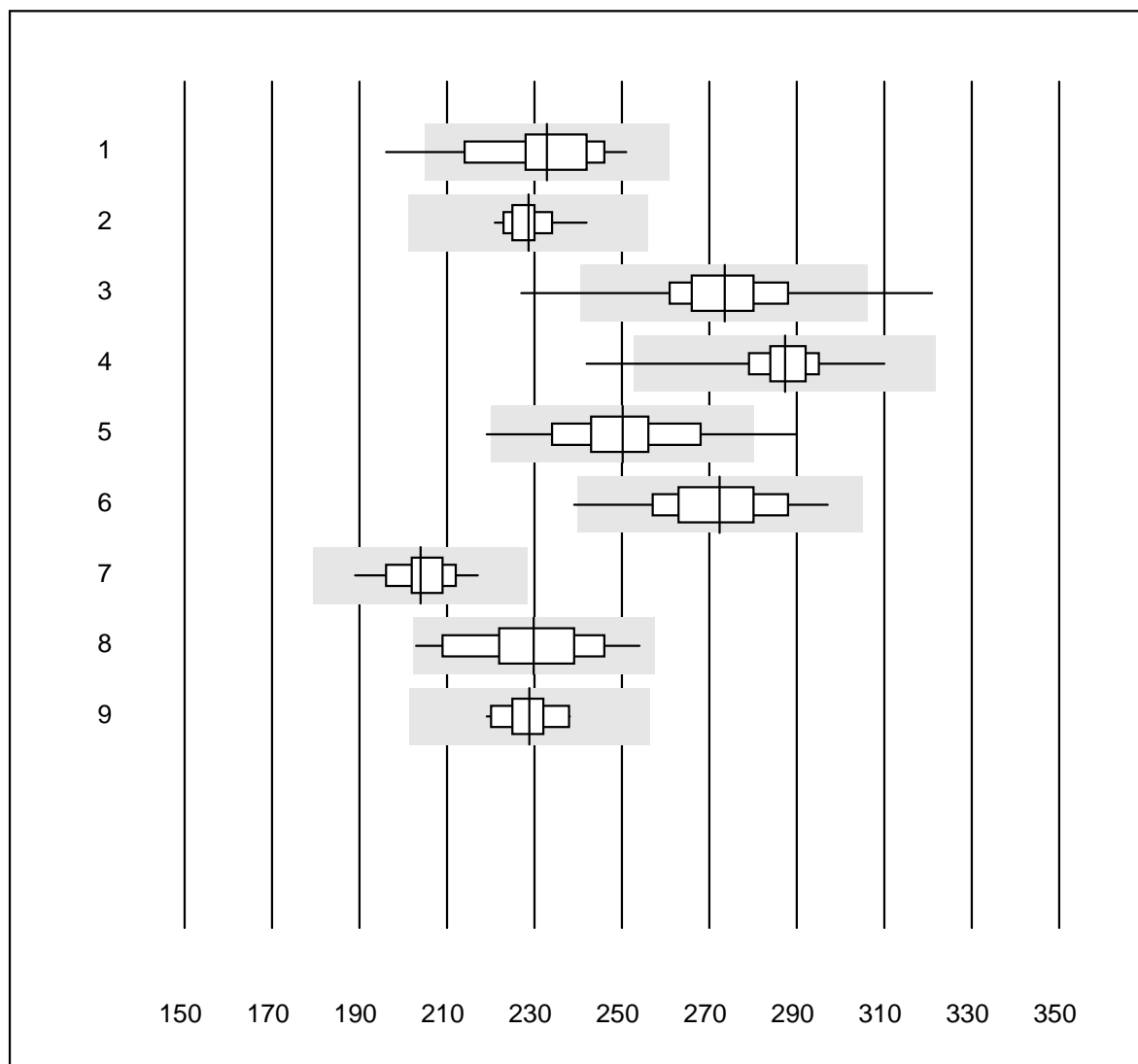
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Accu-Chek Aviva	390	96.9	1.8	1.3	6.5	3.6	e
2 Accu-Chek Inform 2	229	97.8	2.2	0.0	6.5	4.0	e
3 Accu-Chek Mobile	5	80.0	20.0	0.0	7.7	8.0	e*
4 Bayer Contour 2 (5s)	49	91.8	4.1	4.1	5.4	4.6	e
5 Bayer Contour XT/NEX	1091	97.3	2.0	0.7	6.2	4.1	e
6 Bayer Breeze 2	17	94.1	5.9	0.0	9.7	5.9	e*
7 Glucocard	9	77.8	0.0	22.2	8.4	4.6	e*
8 Hemocue 201+ P-equiv	83	94.0	0.0	6.0	7.9	3.7	e
9 Hemocue 201RT P-equiv	36	88.8	5.6	5.6	8.0	3.7	e
10 FreeStyle Precision	6	50.0	16.7	33.3	7.1	7.0	e*
11 Freestyle Freedom li	10	90.0	0.0	10.0	7.1	3.2	e
12 Sanofi BG Star	6	83.3	0.0	16.7	8.0	4.3	e*

Glucosio



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Bayer Elite	9	100.0	0.0	0.0	6.4	2.8	e
2 Hemocue 201+ (alt)	50	92.0	6.0	2.0	7.7	5.6	e
3 OneTouch Ultra	19	94.7	5.3	0.0	7.7	4.3	e
4 OneTouch Verio	16	100.0	0.0	0.0	6.8	3.9	e
5 Bayer Contour (15s)	45	97.8	2.2	0.0	7.1	4.3	e
6 Healthpro	14	100.0	0.0	0.0	10.6	4.1	e
7 Mylife UNIO	5	100.0	0.0	0.0	6.2	3.2	e*
8 mylife Pura	65	100.0	0.0	0.0	7.4	3.0	e
9 Omnitest	17	70.6	29.4	0.0	11.0	7.6	e*

Acido urico

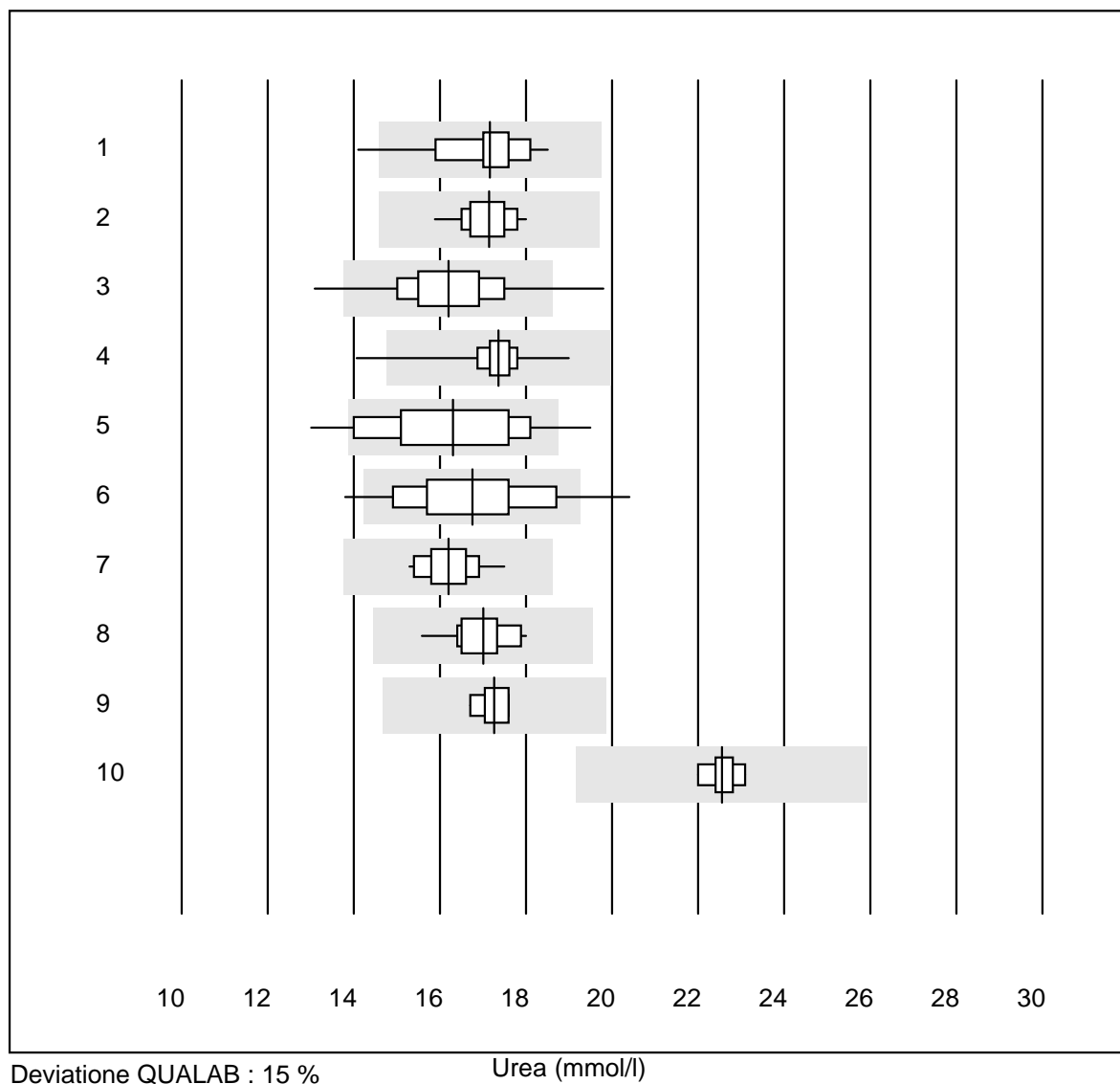


Deviazione QUALAB : 12 %

Acido urico ($\mu\text{mol/l}$)

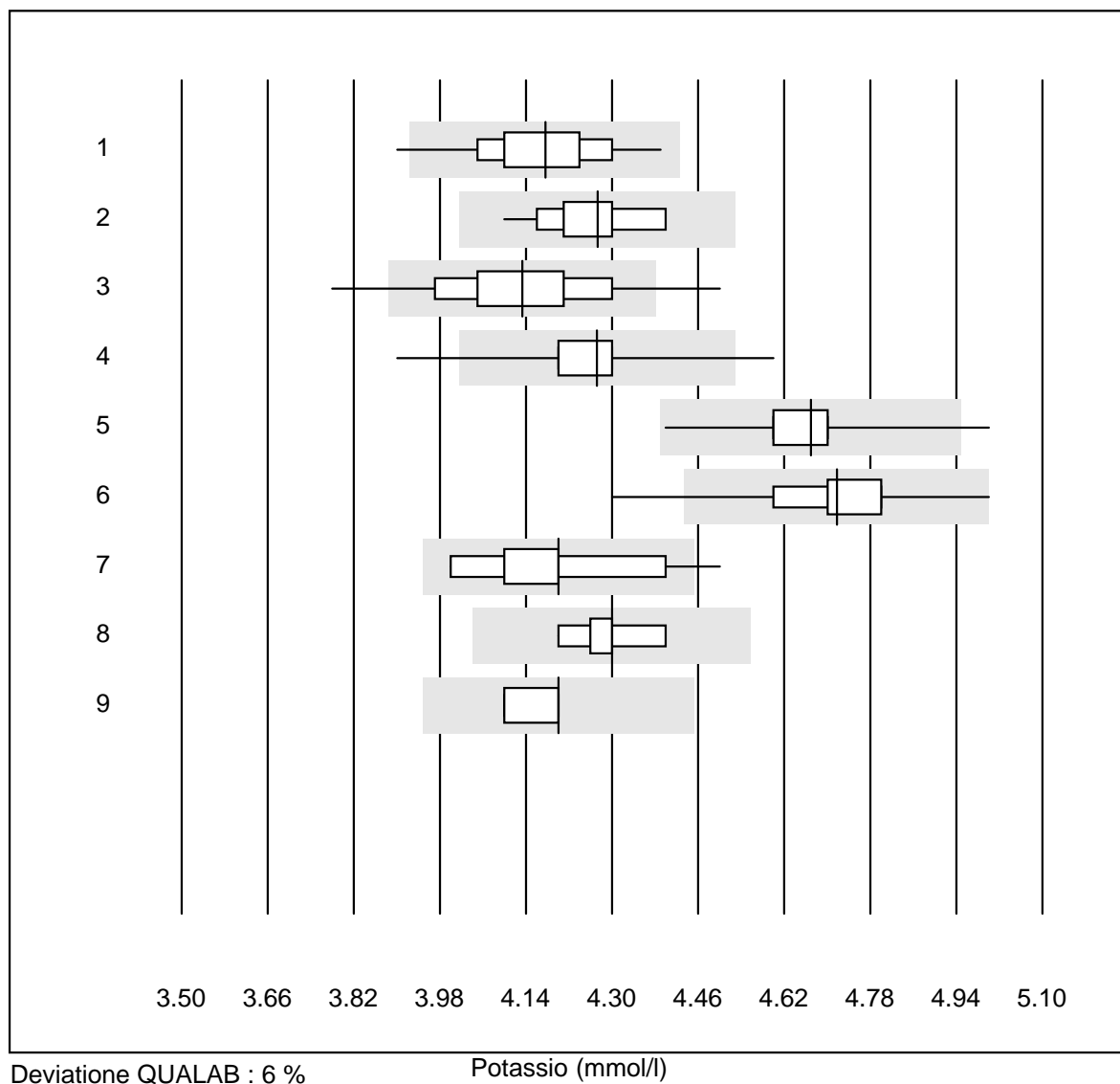
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	22	95.5	4.5	0.0	233	5.7	e
2 Cobas	12	100.0	0.0	0.0	229	2.4	e
3 Reflotron	781	96.7	1.0	2.3	273	4.1	e
4 Fuji Dri-Chem	681	99.0	0.4	0.6	287	2.5	e
5 Spotchem/Ready	123	98.4	1.6	0.0	250	5.0	e
6 Spotchem D-Concept	132	99.2	0.8	0.0	272	4.5	e
7 Piccolo	24	95.8	0.0	4.2	204	3.3	e
8 Abx Mira	19	100.0	0.0	0.0	230	5.4	e
9 Hitachi S40/M40	14	100.0	0.0	0.0	229	2.6	e

Urea



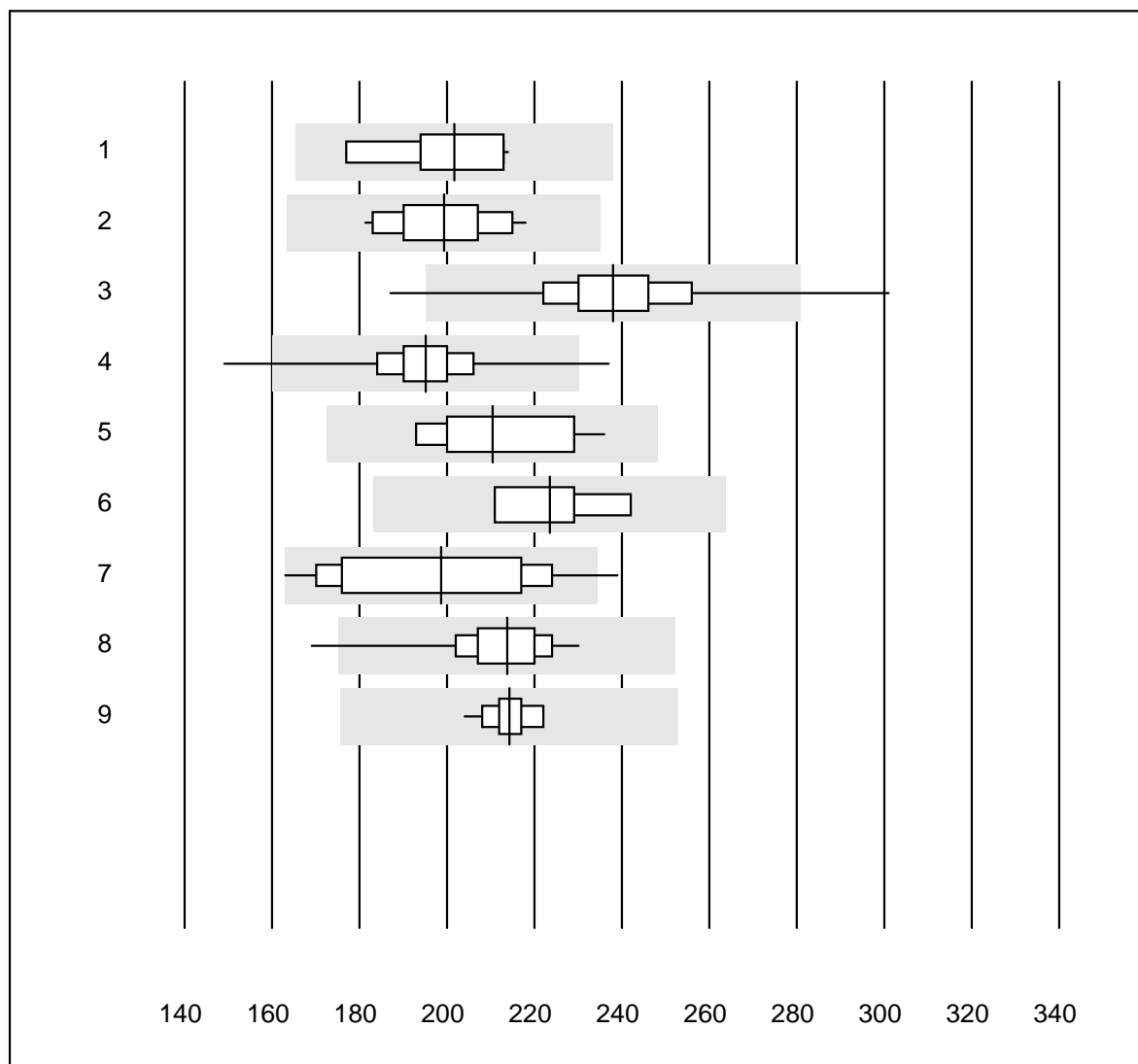
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	21	80.9	4.8	14.3	17.2	5.6	e
2 Cobas	15	100.0	0.0	0.0	17.1	3.1	e
3 Reflotron	341	94.7	3.2	2.1	16.2	6.4	e
4 Fuji Dri-Chem	423	99.6	0.2	0.2	17.4	2.4	e
5 Spotchem/Ready	81	84.0	12.3	3.7	16.3	9.7	e
6 Spotchem D-Concept	82	85.3	9.8	4.9	16.8	8.7	e
7 Piccolo	34	97.1	0.0	2.9	16.2	3.5	e
8 Abx Mira	12	100.0	0.0	0.0	17.0	4.0	e
9 Hitachi S40/M40	10	100.0	0.0	0.0	17.3	1.8	e
10 iStat Chem8	6	100.0	0.0	0.0	22.6	1.7	e

Potassio



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ISE	28	92.8	3.6	3.6	4.18	2.5	e
2 Cobas	16	100.0	0.0	0.0	4.27	1.9	e
3 Reflotron	808	89.9	6.3	3.8	4.13	3.2	e
4 Fuji Dri-Chem	715	97.7	2.0	0.3	4.27	2.0	e
5 Spotchem D-Concept	136	97.8	0.7	1.5	4.67	1.8	e
6 Spotchem EL-SE 1520	115	95.7	1.7	2.6	4.72	2.4	e
7 Piccolo	21	71.4	4.8	23.8	4.20	3.3	e*
8 Abx Mira	5	100.0	0.0	0.0	4.30	1.7	e*
9 iStat Chem8	7	100.0	0.0	0.0	4.20	1.3	e

Creatinina

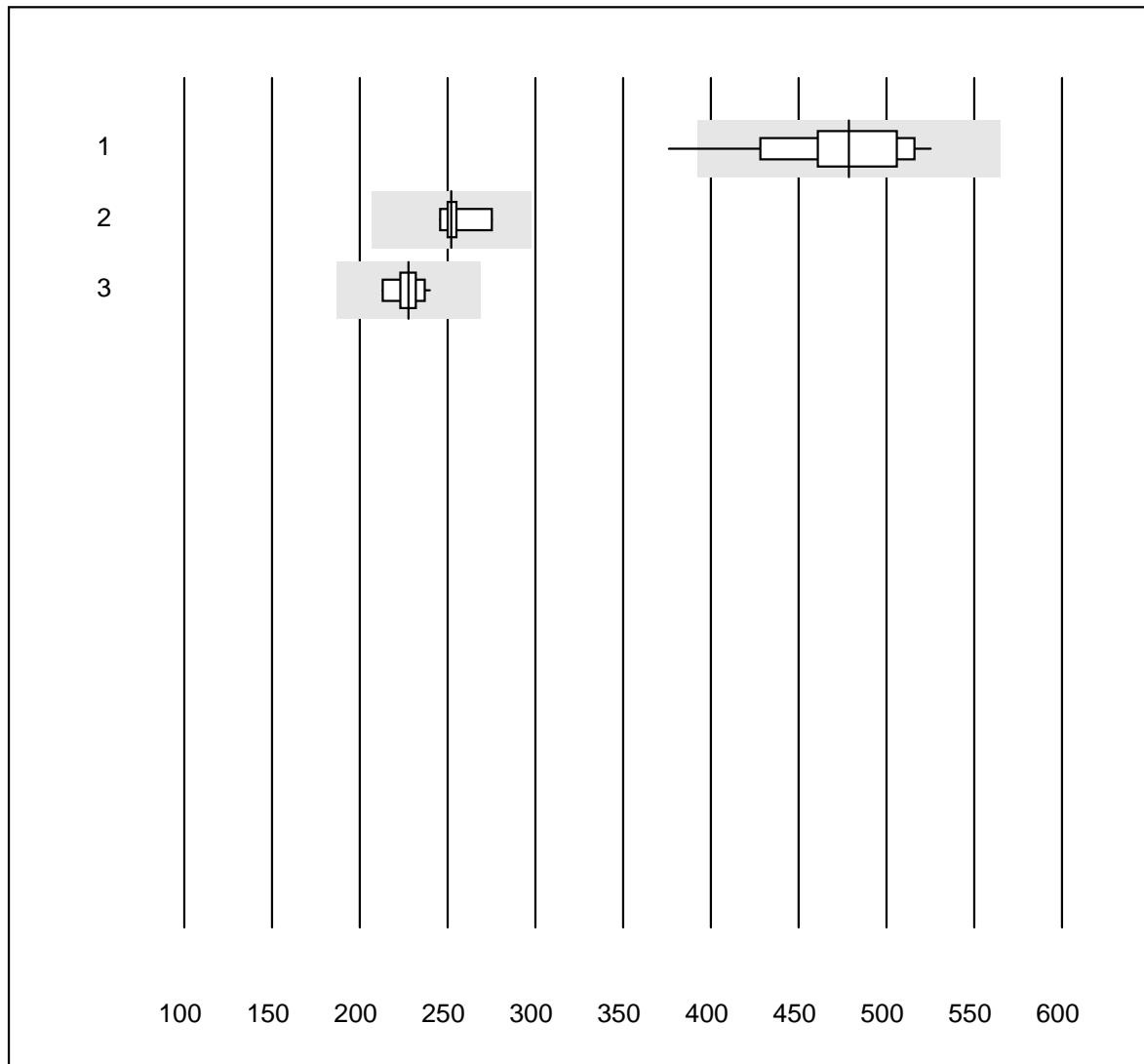


Deviazione QUALAB : 18 %

Creatinina (µmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	11	90.9	0.0	9.1	202	6.4	e
2 Cobas	17	100.0	0.0	0.0	199	6.1	e
3 Reflotron	990	98.0	0.9	1.1	238	5.8	e
4 Fuji Dri-Chem	748	97.7	0.8	1.5	195	4.8	e
5 Jaffé	10	100.0	0.0	0.0	210	7.2	e*
6 Enzymatisch	4	100.0	0.0	0.0	224	6.0	e*
7 Piccolo	34	97.1	2.9	0.0	199	11.0	e
8 Abx Mira	21	95.2	4.8	0.0	214	6.4	e
9 Hitachi S40/M40	15	100.0	0.0	0.0	214	2.4	e

Creatinina E

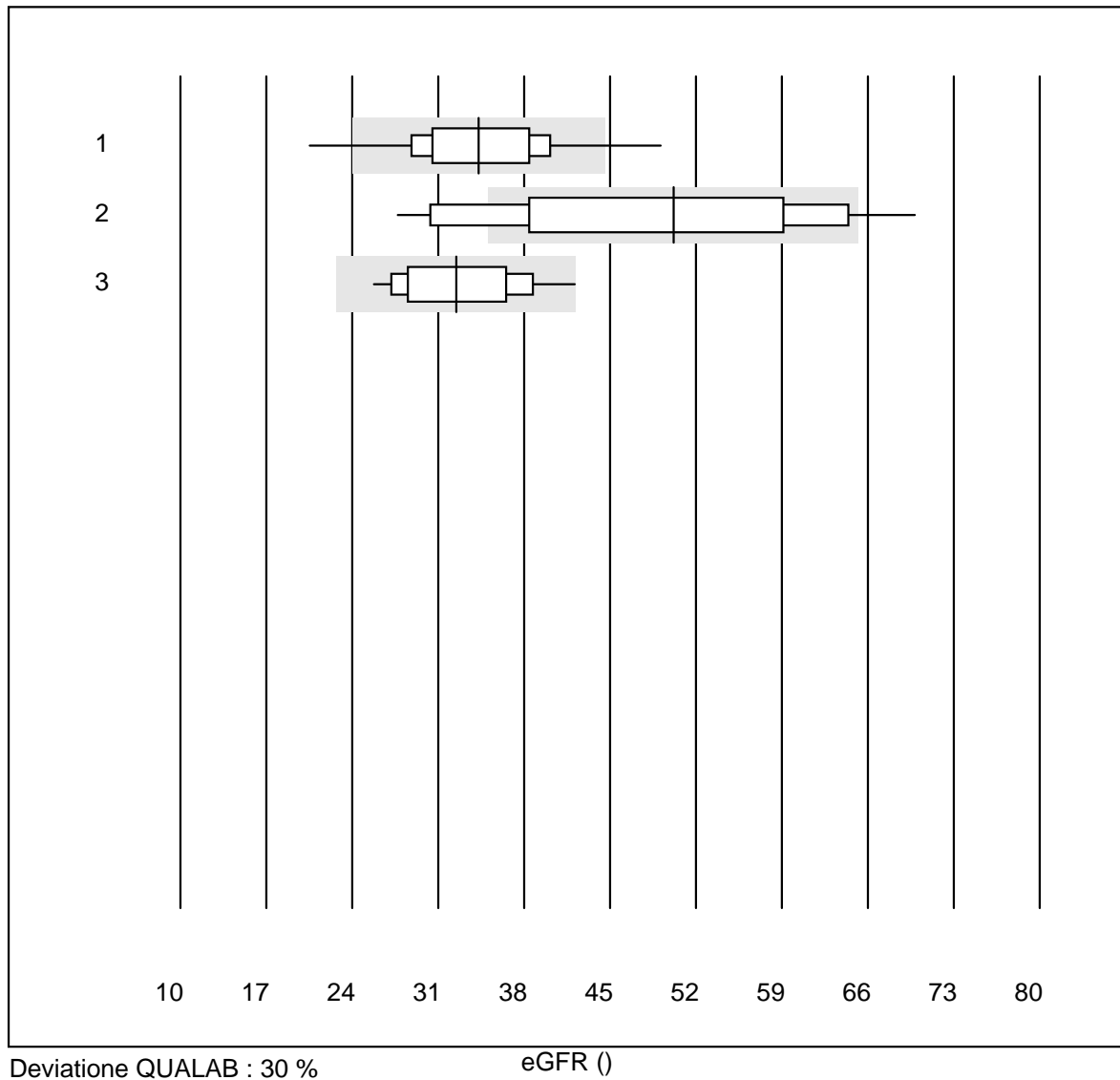


Deviazione QUALAB : 18 %

Creatinina E (µmol/l)

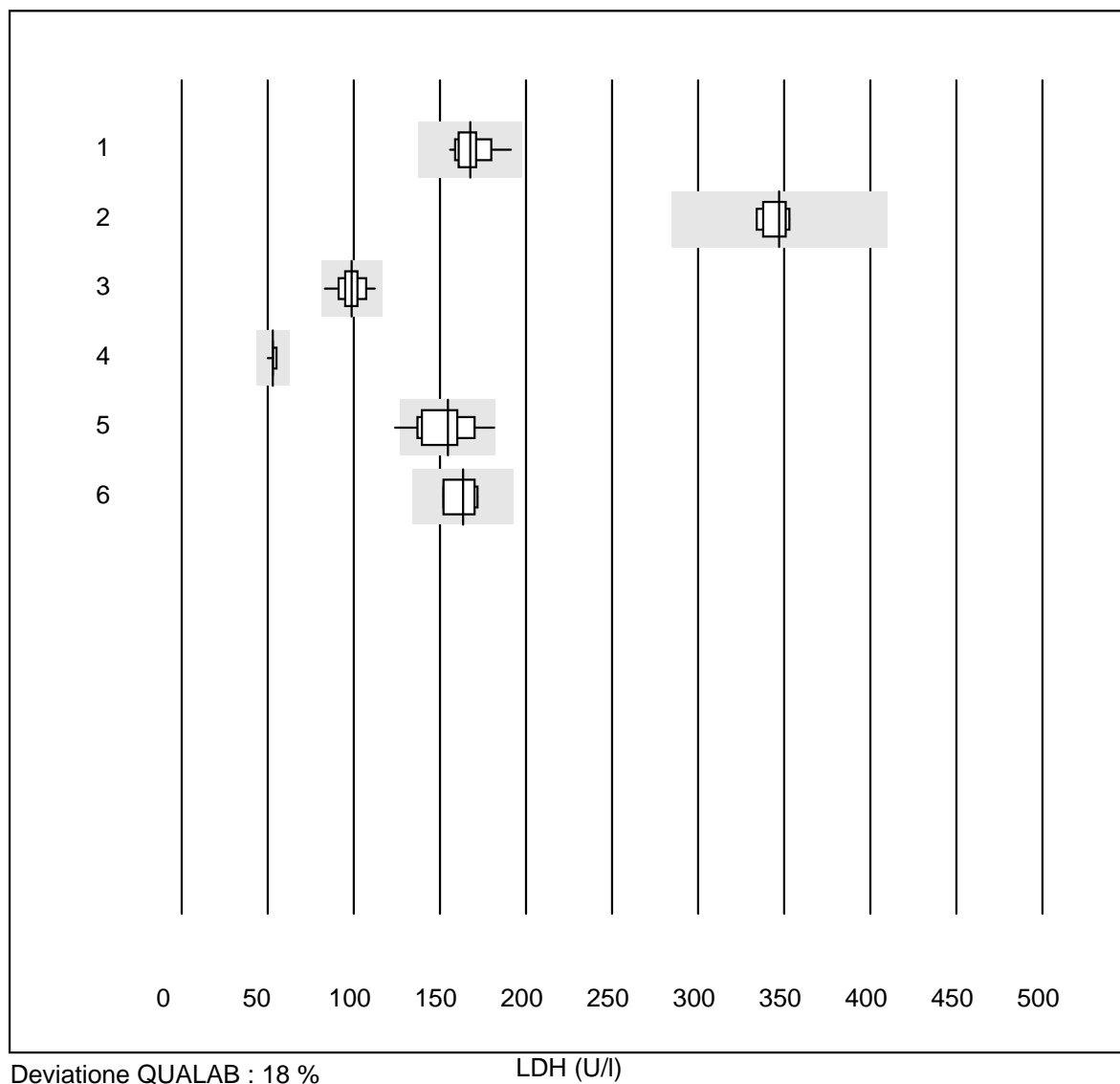
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Statsensor i / Nova	28	96.4	3.6	0.0	479	7.5	e
2 iStat Chem8	9	100.0	0.0	0.0	252	3.4	e
3 ABL700/800 Radiomete	10	100.0	0.0	0.0	228	3.5	e

eGFR



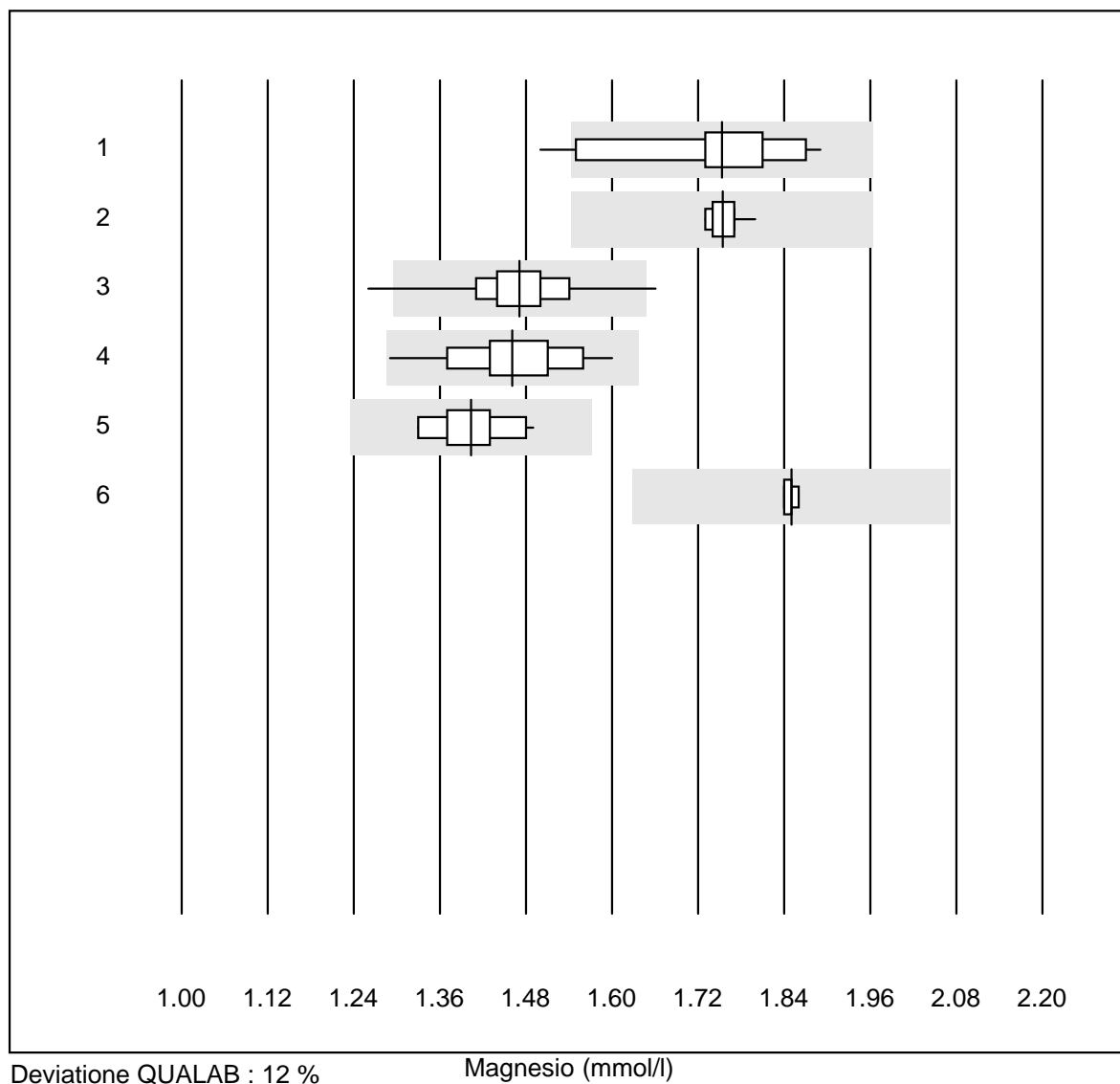
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 CKD-EPI	720	94.2	0.8	5.0	34	13.5	e
2 Cockcroft-Gault	57	73.7	22.8	3.5	50	25.0	e
3 MDRD	30	80.0	0.0	20.0	32	14.2	e

LDH



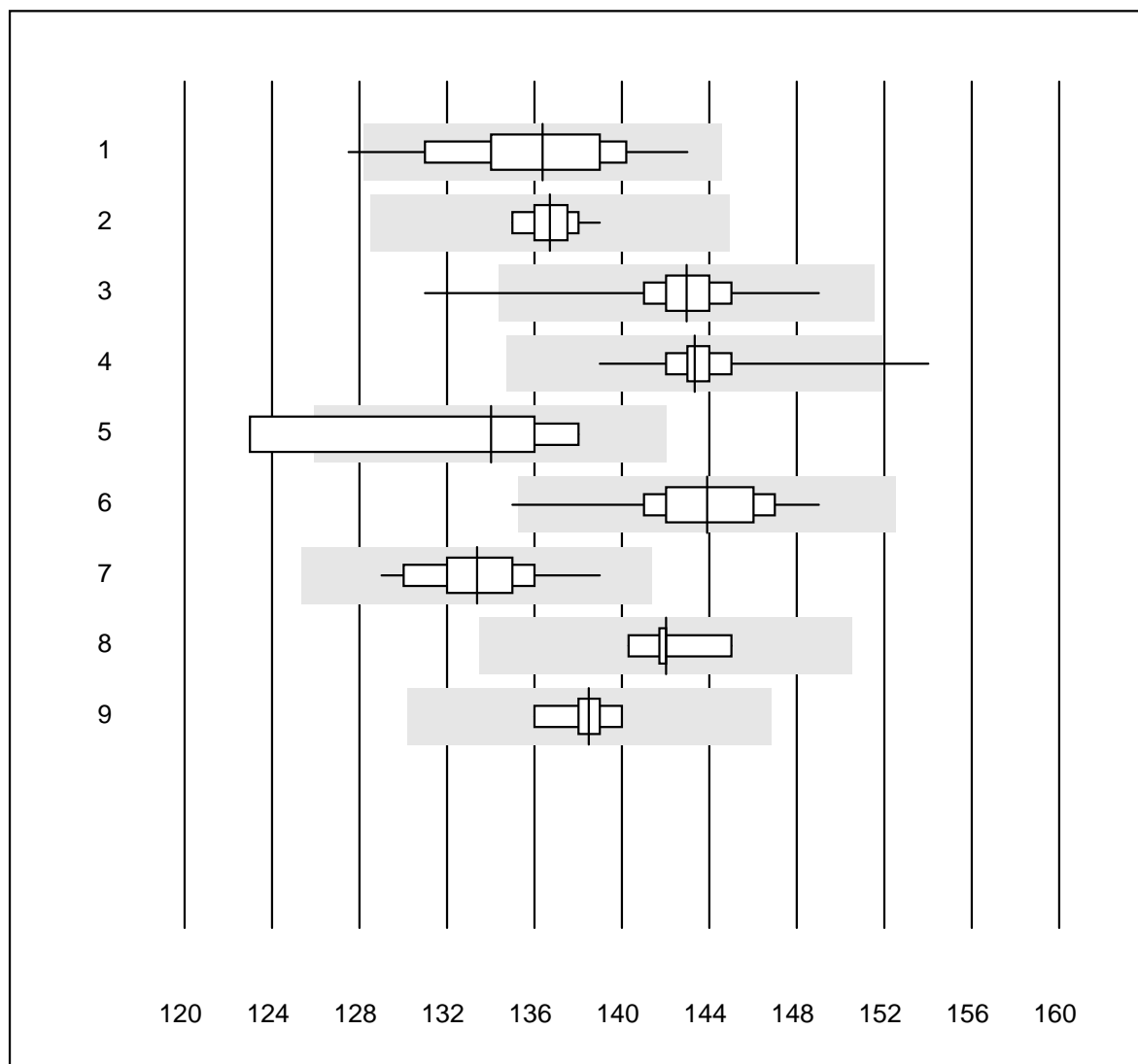
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC	18	100.0	0.0	0.0	168	5.0	e
2 Cobas	9	100.0	0.0	0.0	347	2.1	e
3 Fuji Dri-Chem	137	99.3	0.0	0.7	99	6.1	e
4 Spotchem/Ready	35	74.3	0.0	25.7	53	1.7	e
5 Abx Mira	12	91.7	8.3	0.0	155	10.0	e*
6 Hitachi S40/M40	5	100.0	0.0	0.0	164	5.9	e*

Magnesio



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	16	93.7	6.3	0.0	1.75	6.2	e*
2 Cobas	10	100.0	0.0	0.0	1.75	1.2	e
3 Fuji Dri-Chem	116	96.5	2.6	0.9	1.47	4.2	e
4 Spotchem D-Concept	25	100.0	0.0	0.0	1.46	5.3	e
5 Spotchem/Ready	18	100.0	0.0	0.0	1.40	3.4	e
6 Piccolo	4	100.0	0.0	0.0	1.85	0.4	e

Sodio

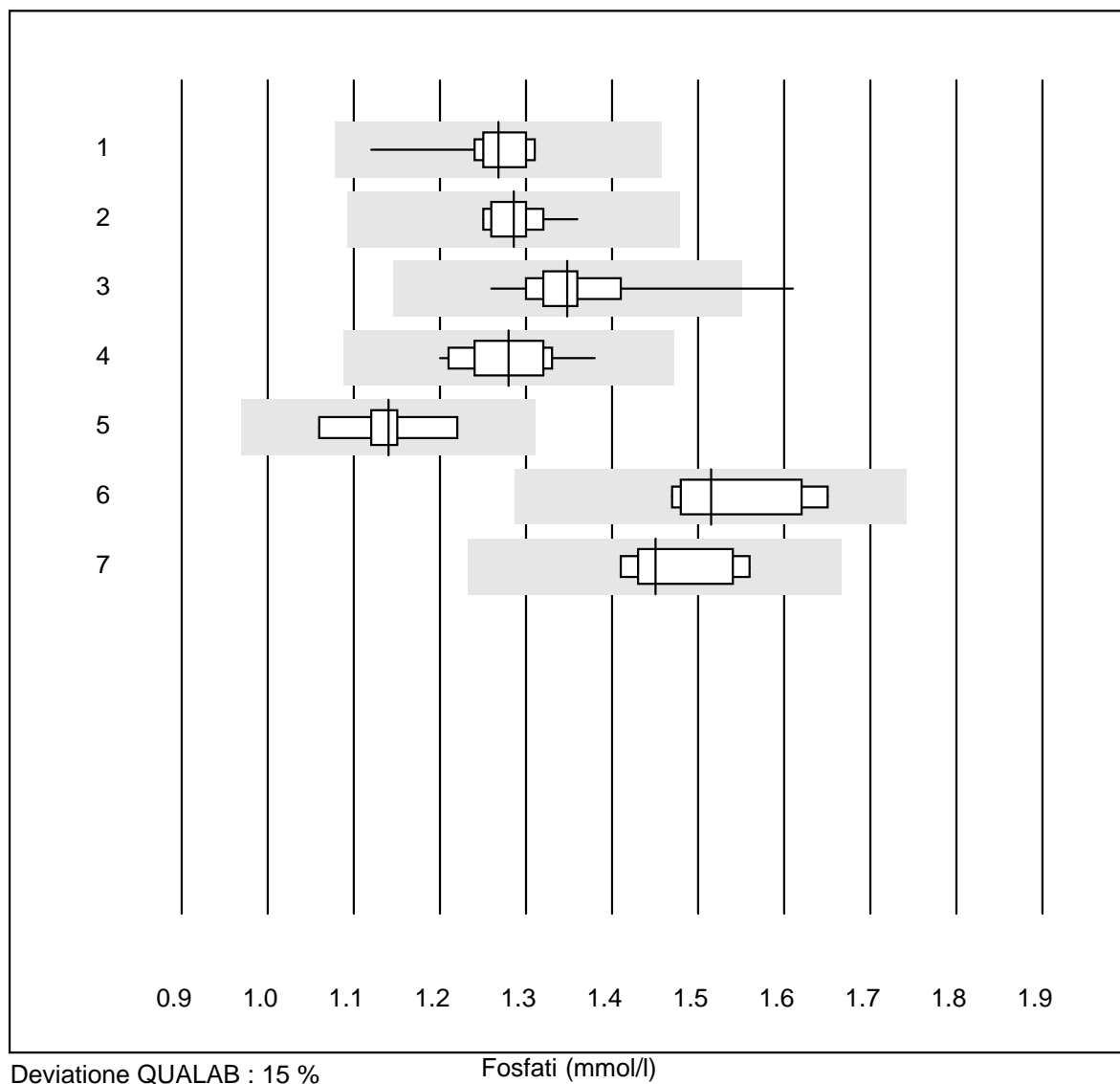


Deviazione QUALAB : 6 %

Sodio (mmol/l)

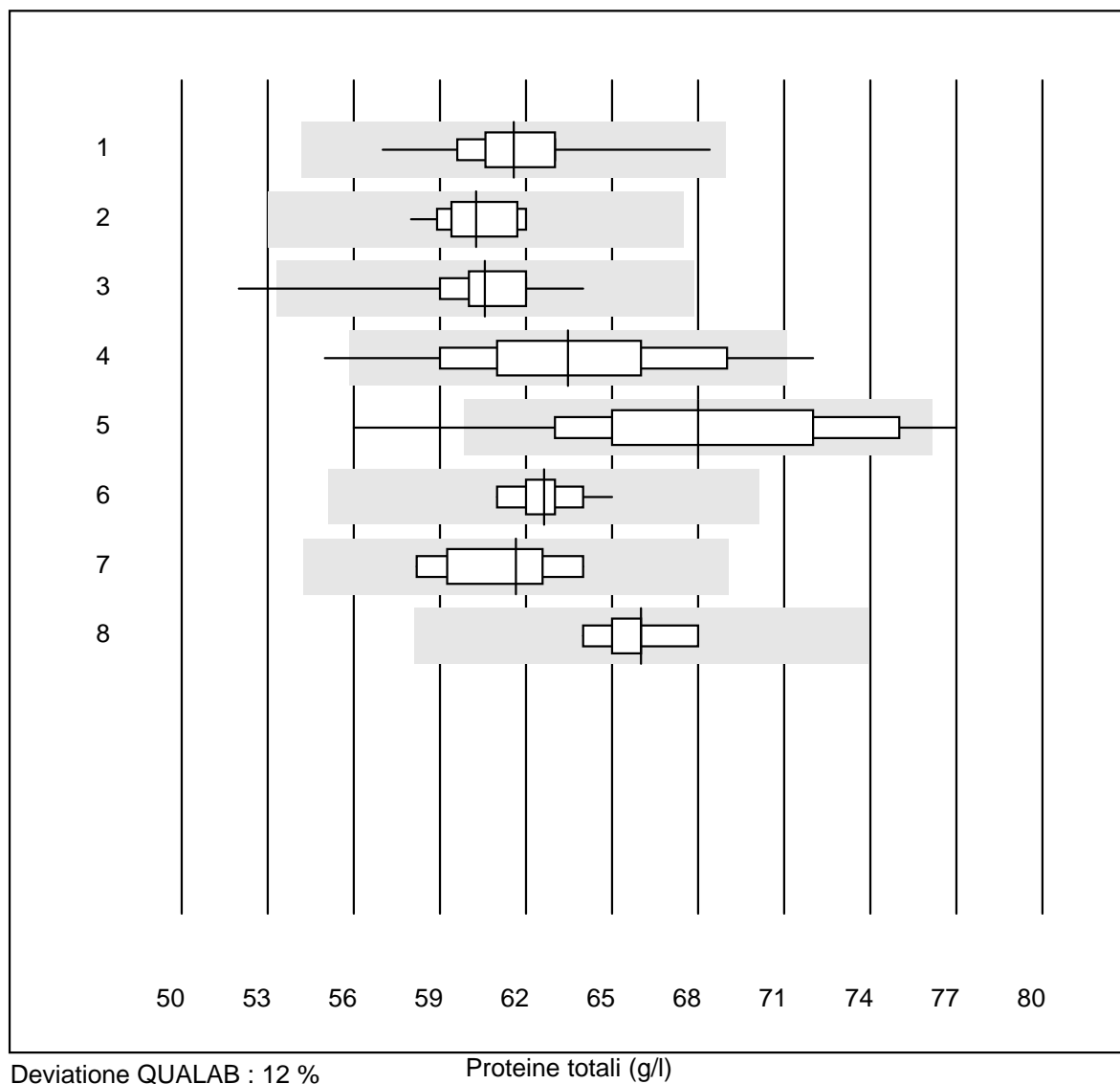
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ISE	26	92.4	3.8	3.8	136	2.8	e
2 Cobas	15	100.0	0.0	0.0	137	0.8	e
3 Fuji Dri-Chem	660	98.6	1.1	0.3	143	1.5	e
4 Spotchem D-Concept	130	98.4	0.8	0.8	143	1.2	e
5 Chimica umida	4	75.0	25.0	0.0	134	5.0	e*
6 Spotchem EL-SE 1520	115	98.3	1.7	0.0	144	1.8	e
7 Piccolo	23	100.0	0.0	0.0	133	2.0	e
8 Abx Mira	6	100.0	0.0	0.0	142	1.1	e
9 iStat Chem8	6	100.0	0.0	0.0	139	1.0	e

Fosfati



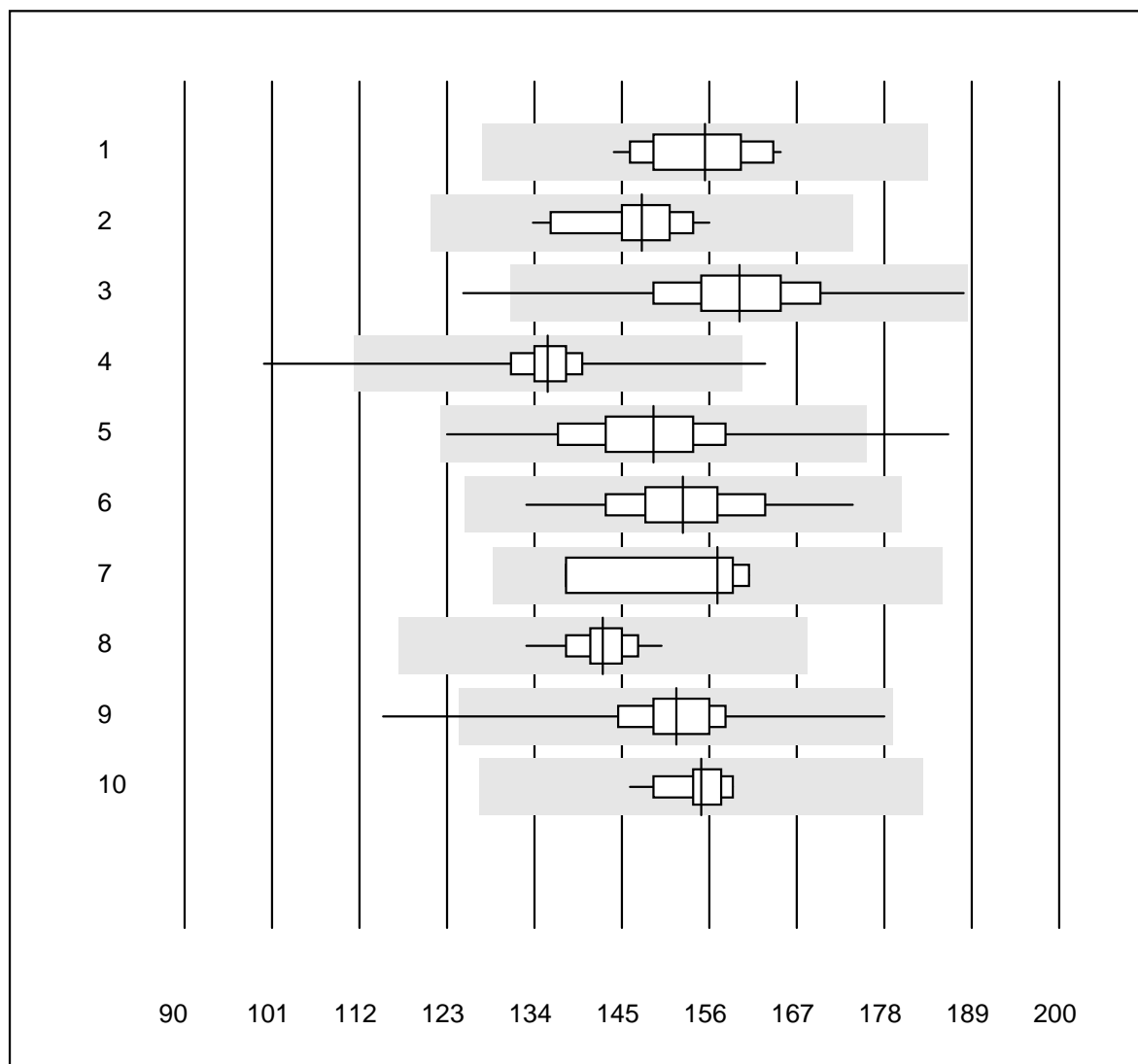
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	15	100.0	0.0	0.0	1.3	3.7	e
2 Cobas	10	100.0	0.0	0.0	1.3	2.7	e
3 Fuji Dri-Chem	75	97.3	2.7	0.0	1.3	4.3	e
4 Spotchem D-Concept	15	100.0	0.0	0.0	1.3	4.1	e
5 Spotchem/Ready	8	100.0	0.0	0.0	1.1	4.0	e
6 Piccolo	6	100.0	0.0	0.0	1.5	4.9	e*
7 Abx Mira	5	100.0	0.0	0.0	1.5	4.6	e*

Proteine totali



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	21	100.0	0.0	0.0	61.6	3.6	e
2 Cobas	11	100.0	0.0	0.0	60.3	2.1	e
3 Fuji Dri-Chem	188	98.4	0.5	1.1	60.6	2.6	e
4 Spotchem/Ready	40	92.5	7.5	0.0	63.5	6.4	e
5 Spotchem D-Concept	64	92.2	4.7	3.1	68.0	6.8	e
6 Piccolo	24	100.0	0.0	0.0	62.6	1.5	e
7 Abx Mira	8	100.0	0.0	0.0	61.7	3.2	e
8 Hitachi S40/M40	5	100.0	0.0	0.0	66.0	2.3	e

Transaminasi GOT/AST

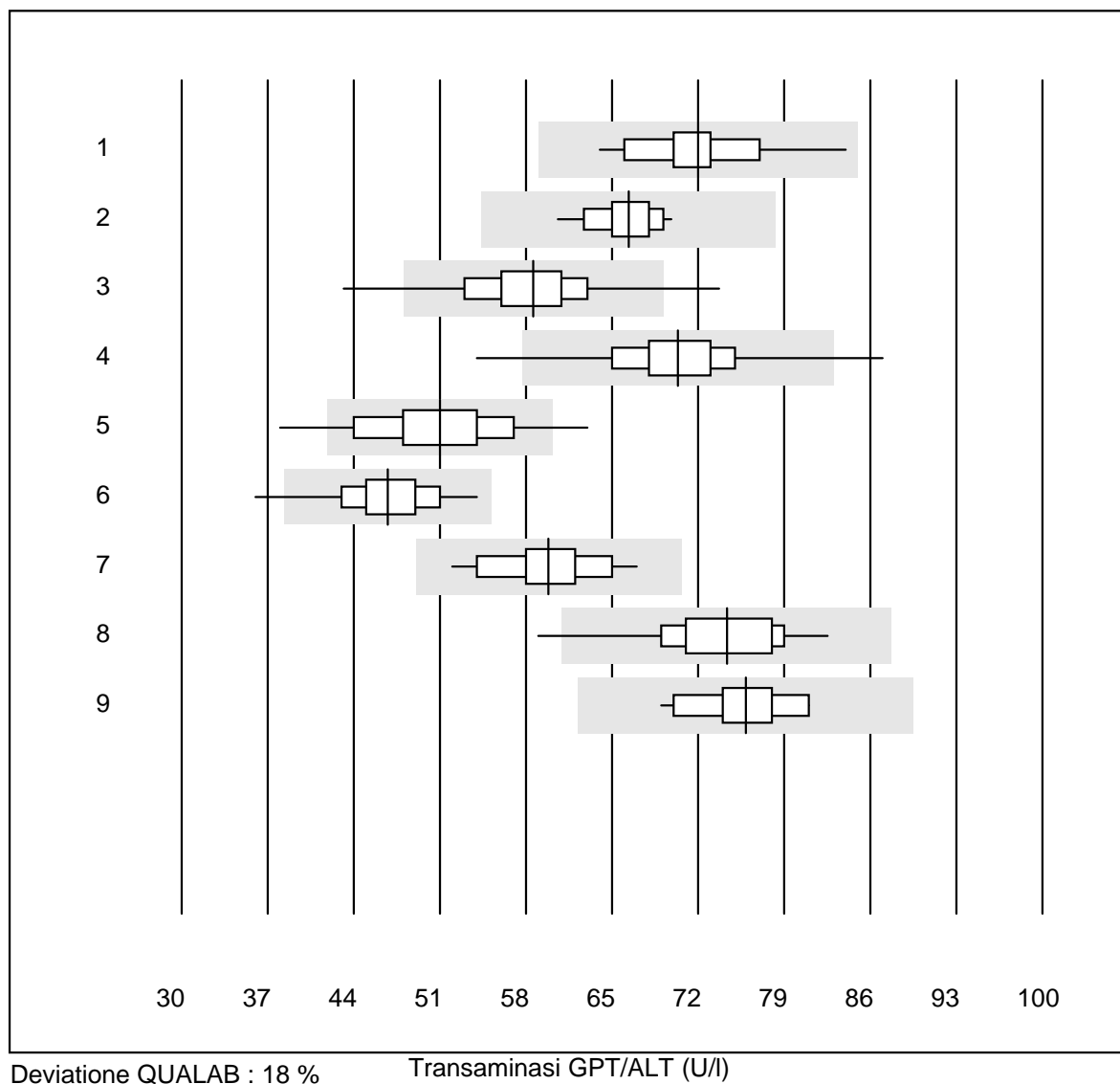


Deviazione QUALAB : 18 %

Transaminasi GOT/AST (U/l)

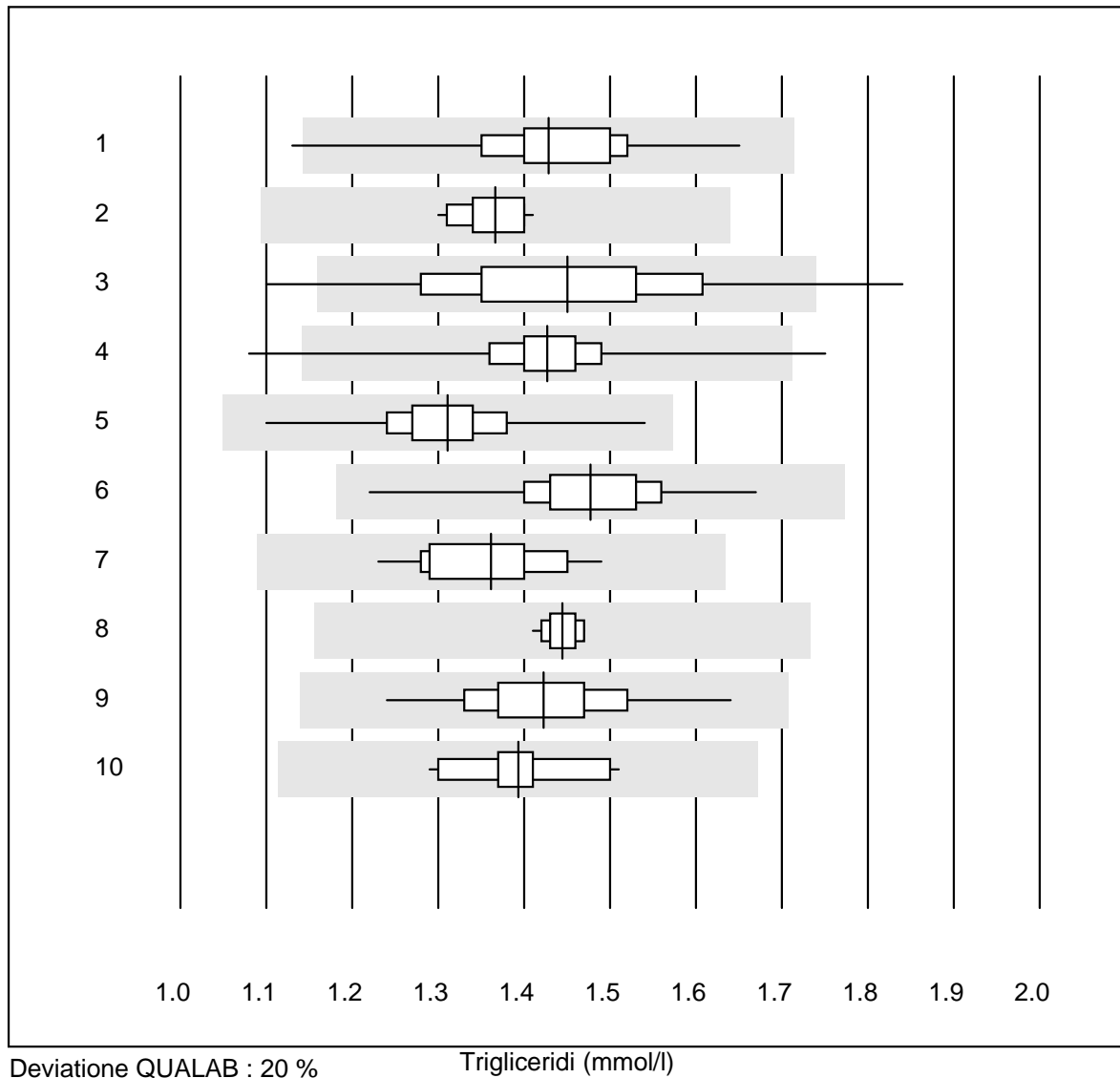
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC con Pyridox 37'	18	100.0	0.0	0.0	155	4.3	e
2 Cobas	16	100.0	0.0	0.0	147	4.1	e
3 Reflotron	890	98.0	0.4	1.6	160	5.6	e
4 Fuji Dri-Chem	721	99.3	0.6	0.1	136	3.4	e
5 Spotchem/Ready	154	98.7	1.3	0.0	149	6.3	e
6 Spotchem D-Concept	143	100.0	0.0	0.0	153	4.9	e
7 IFCC senza Pyridox 3	4	100.0	0.0	0.0	157	6.8	e*
8 Piccolo	33	100.0	0.0	0.0	143	2.6	e
9 Abx Mira	21	95.2	4.8	0.0	152	7.8	e
10 Hitachi S40/M40	17	100.0	0.0	0.0	155	2.2	e

Transaminasi GPT/ALT



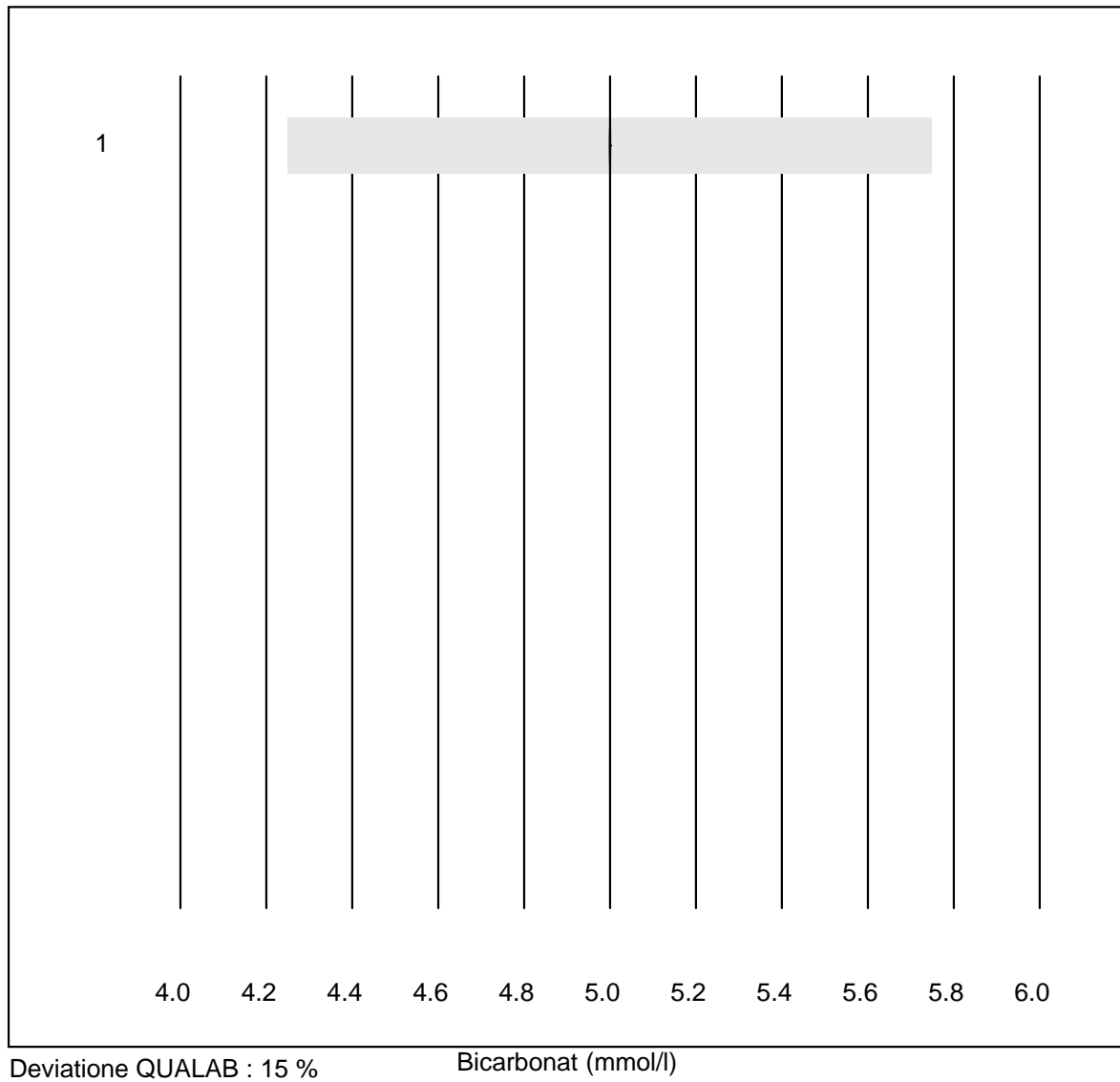
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC con Pyridox 37'	19	94.7	0.0	5.3	72	6.0	e
2 Cobas	17	100.0	0.0	0.0	66	3.5	e
3 Reflotron	927	97.2	1.3	1.5	59	6.9	e
4 Fuji Dri-Chem	737	98.5	0.8	0.7	70	5.8	e
5 Spotchem/Ready	157	96.8	1.9	1.3	51	9.1	e
6 Spotchem D-Concept	148	96.6	2.7	0.7	47	7.0	e
7 Piccolo	34	100.0	0.0	0.0	60	6.2	e
8 Abx Mira	21	95.2	4.8	0.0	74	7.0	e
9 Hitachi S40/M40	16	100.0	0.0	0.0	76	4.9	e

Trigliceridi



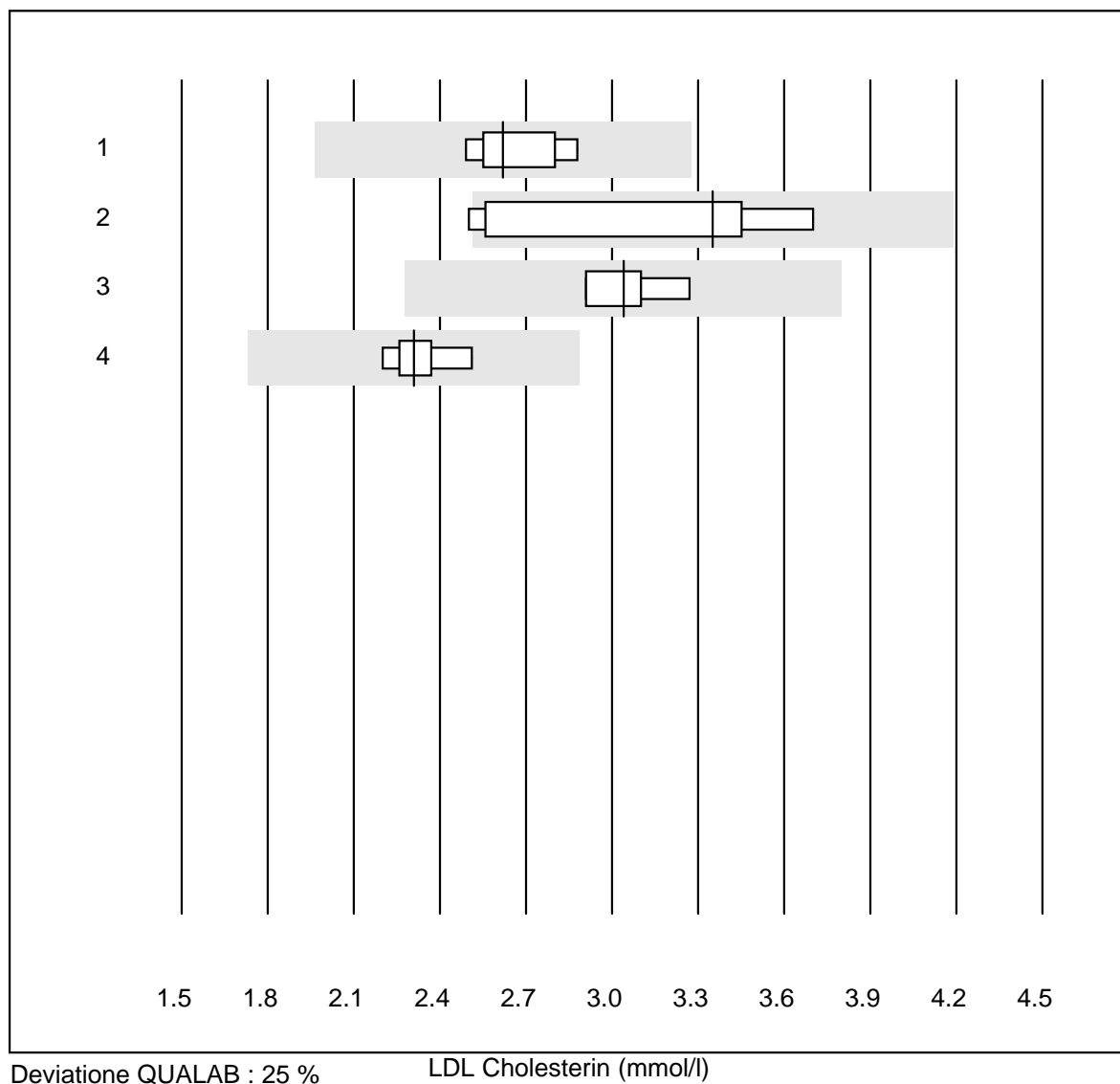
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	22	95.5	4.5	0.0	1.43	7.3	e
2 Cobas	16	100.0	0.0	0.0	1.37	2.7	e
3 Reflotron	670	95.1	2.5	2.4	1.45	9.1	e
4 Fuji Dri-Chem	661	98.6	0.6	0.8	1.43	4.2	e
5 Spotchem/Ready	136	100.0	0.0	0.0	1.31	5.0	e
6 Spotchem D-Concept	133	99.2	0.0	0.8	1.48	4.7	e
7 Hitachi S40/M40	12	100.0	0.0	0.0	1.36	5.7	e
8 Piccolo	19	100.0	0.0	0.0	1.44	1.2	e
9 Cholestech LDX	187	99.5	0.0	0.5	1.42	5.1	e
10 Abx Mira	19	100.0	0.0	0.0	1.39	4.1	e

Bicarbonat



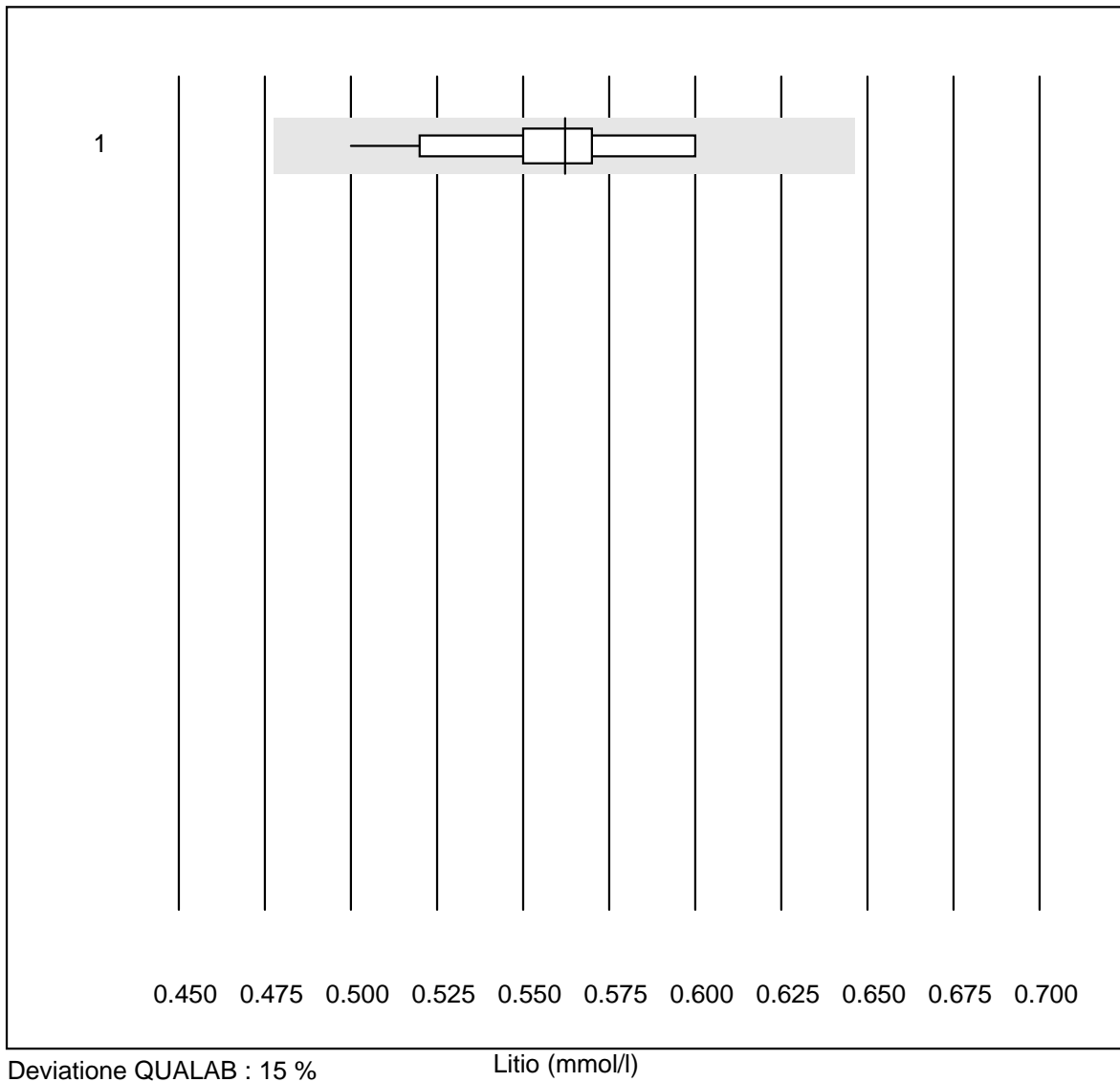
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Piccolo	5	100.0	0.0	0.0	5	0.0	e

LDL Cholesterin



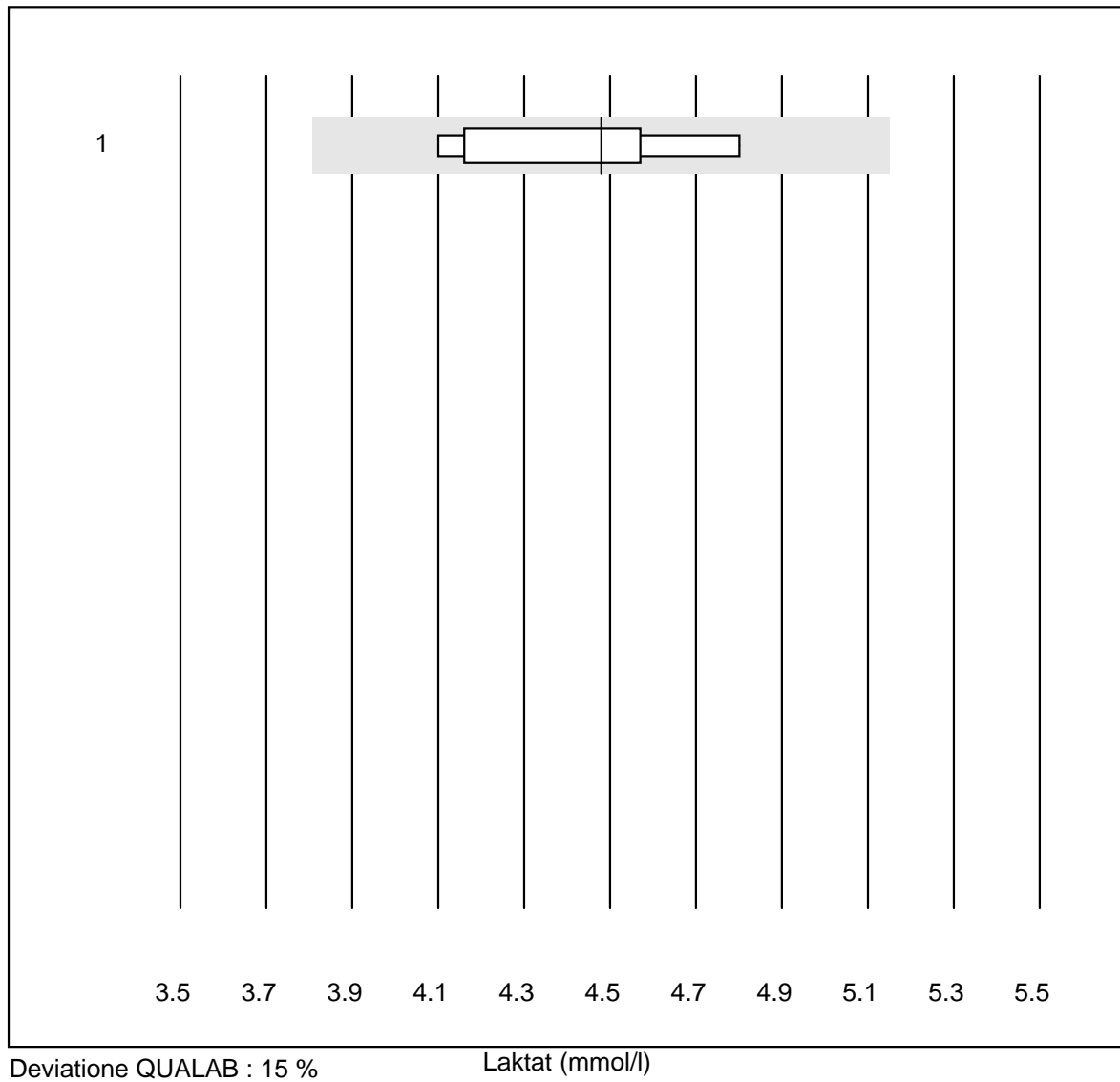
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Mira	9	100.0	0.0	0.0	2.6	5.8	e
2 Chimica umida	8	87.5	12.5	0.0	3.4	14.2	e*
3 Roche, Cobas	4	100.0	0.0	0.0	3.0	5.1	e
4 Hitachi S40/M40	5	100.0	0.0	0.0	2.3	5.1	e

Litio



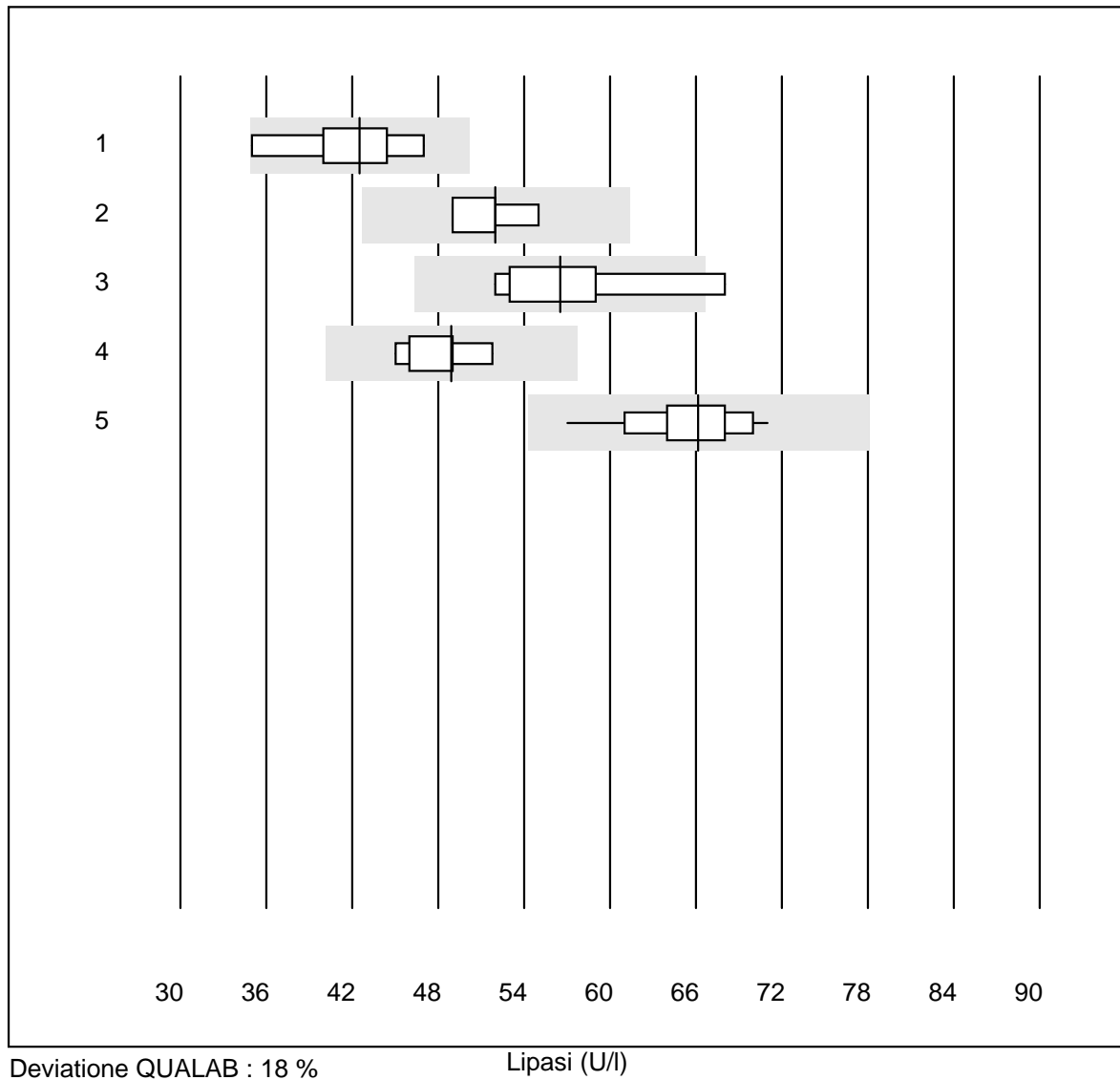
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	14	100.0	0.0	0.0	0.56	4.9	e

Laktat



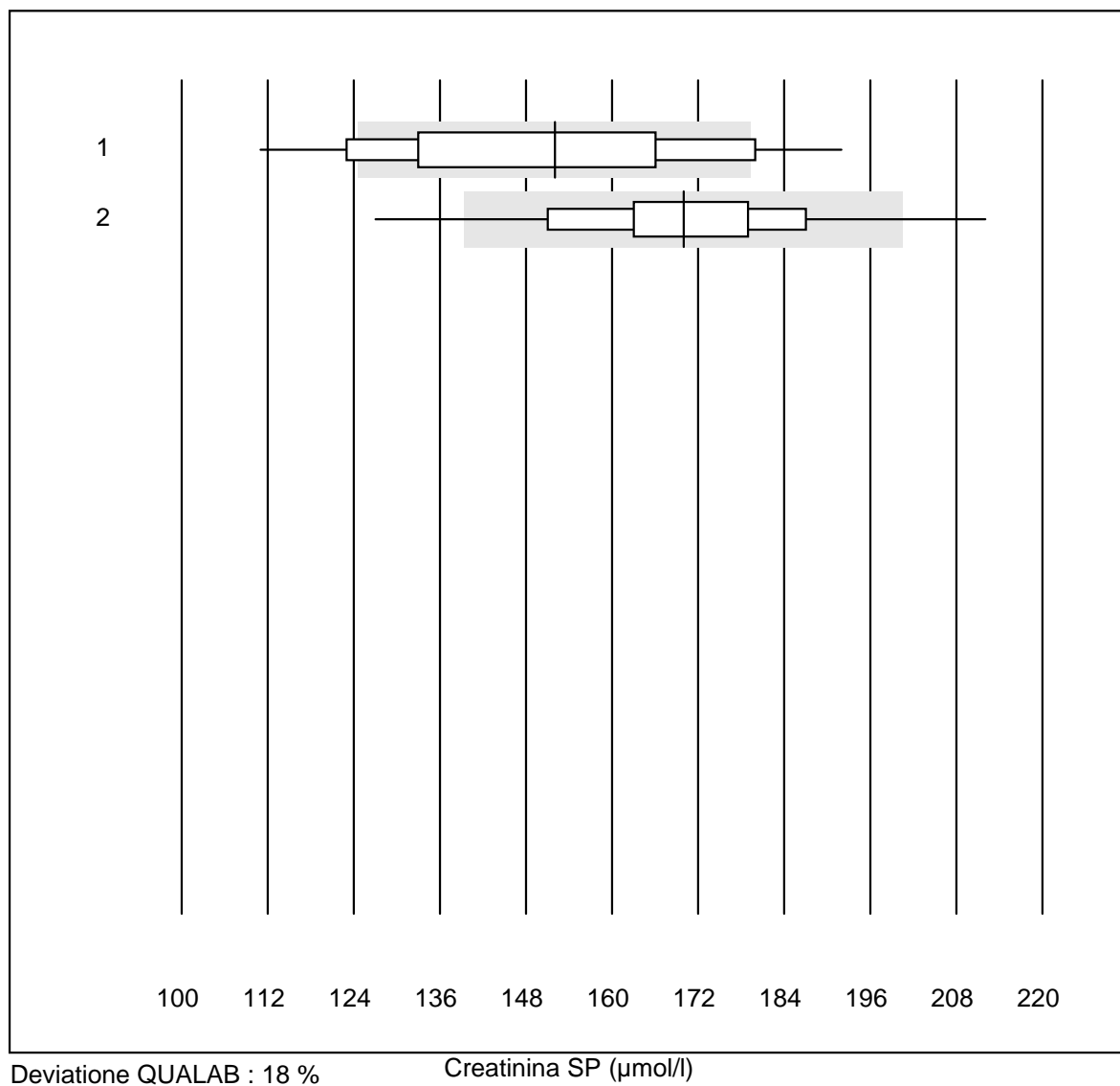
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	7	100.0	0.0	0.0	4.48	5.7	e*

Lipasi

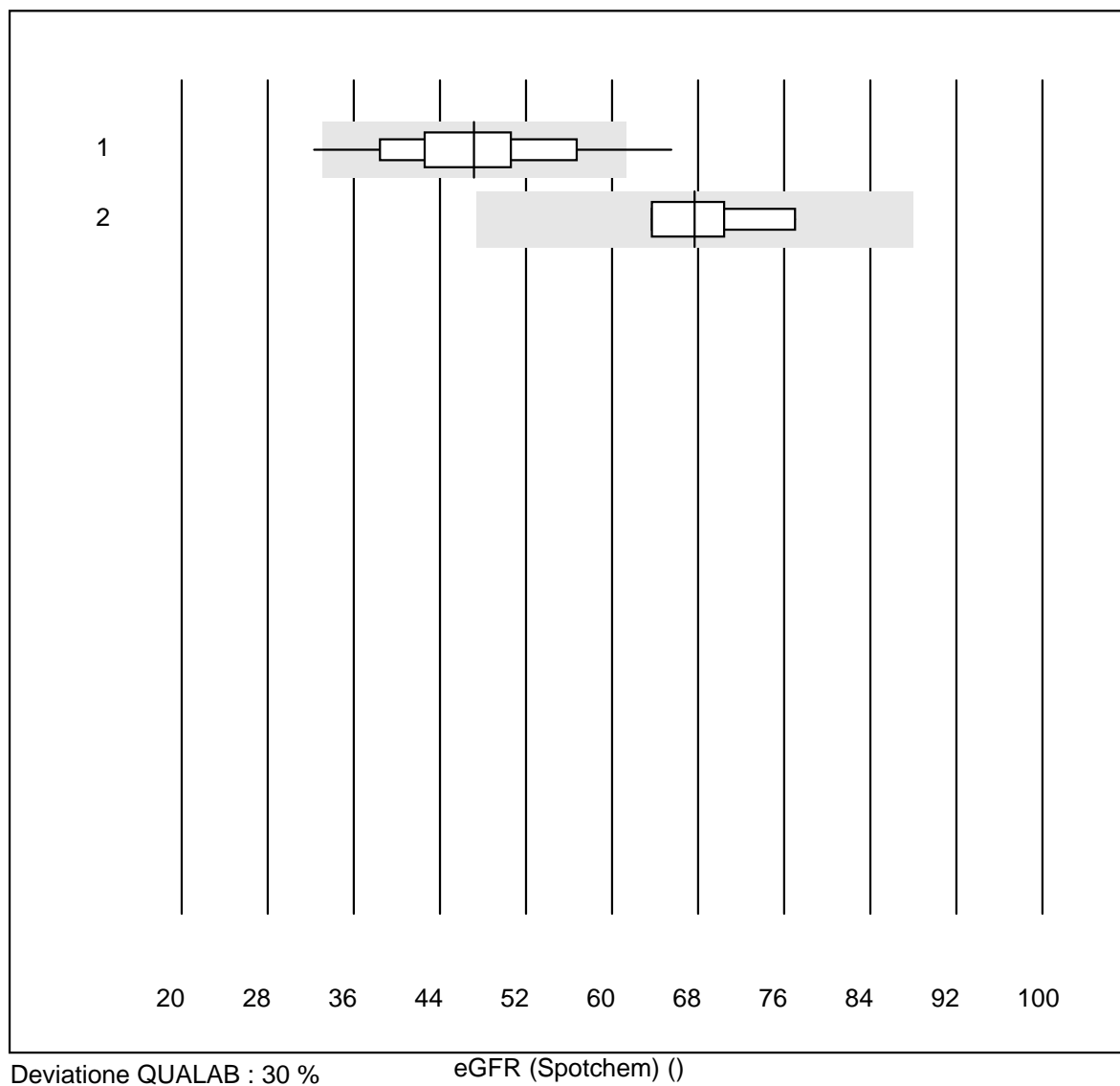


No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Mira	6	100.0	0.0	0.0	42.5	9.8	e*
2 Architect	4	100.0	0.0	0.0	52.0	4.7	e*
3 Beckman/Olympus	6	83.3	16.7	0.0	56.5	10.1	e*
4 Cobas	8	100.0	0.0	0.0	48.9	4.4	e
5 Fuji Dri-Chem	63	96.8	0.0	3.2	66.1	4.9	e

Creatinina SP

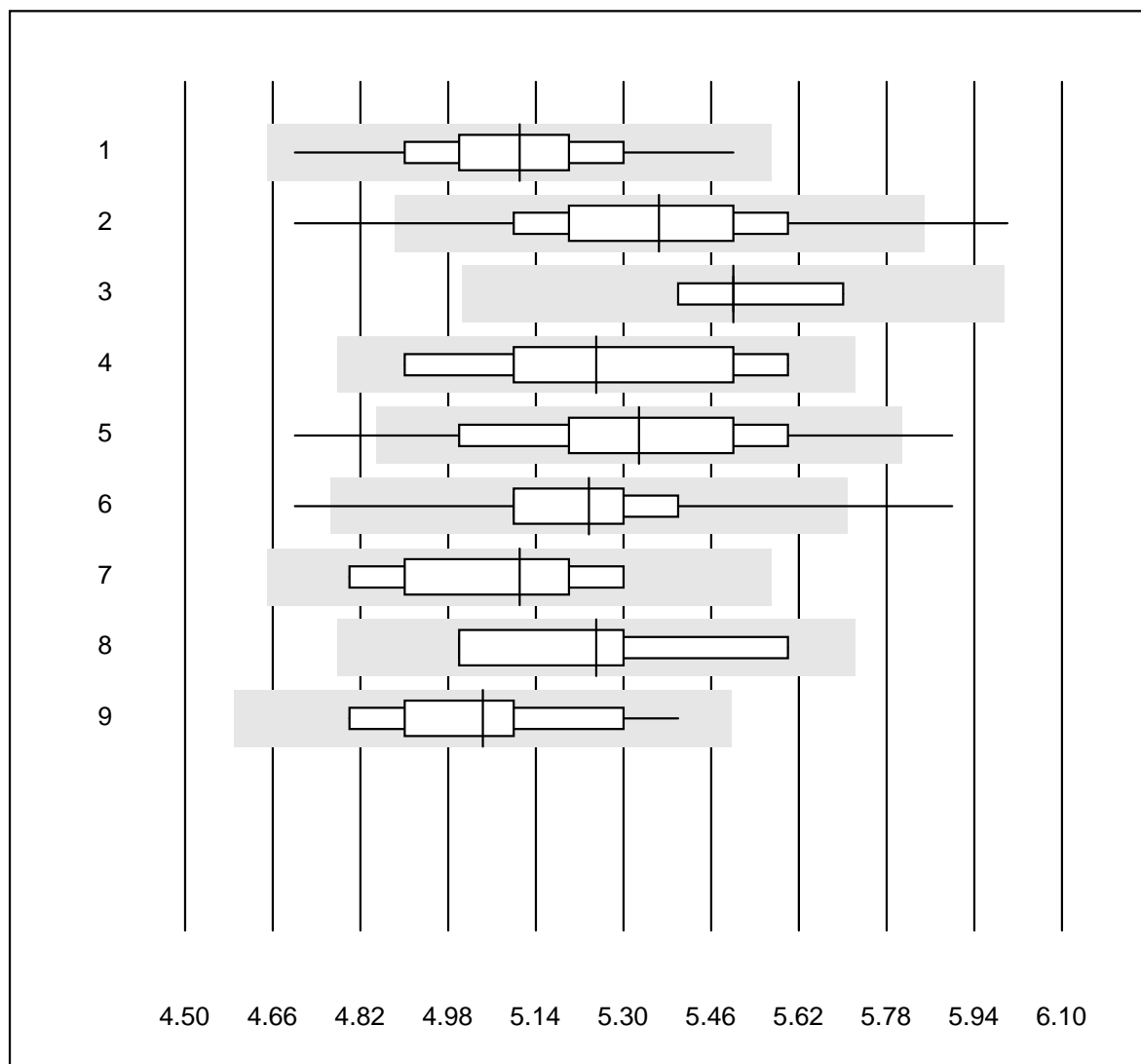


No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Spotchem/Ready	156	65.4	19.2	15.4	152	13.7	e
2 Spotchem D-Concept	142	93.0	7.0	0.0	170	8.7	e

eGFR (Spotchem)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 CKD-EPI	95	81.1	6.3	12.6	47	15.3	e
2 Cockcroft-Gault	5	80.0	0.0	20.0	68	8.0	e

HbA1c campione A

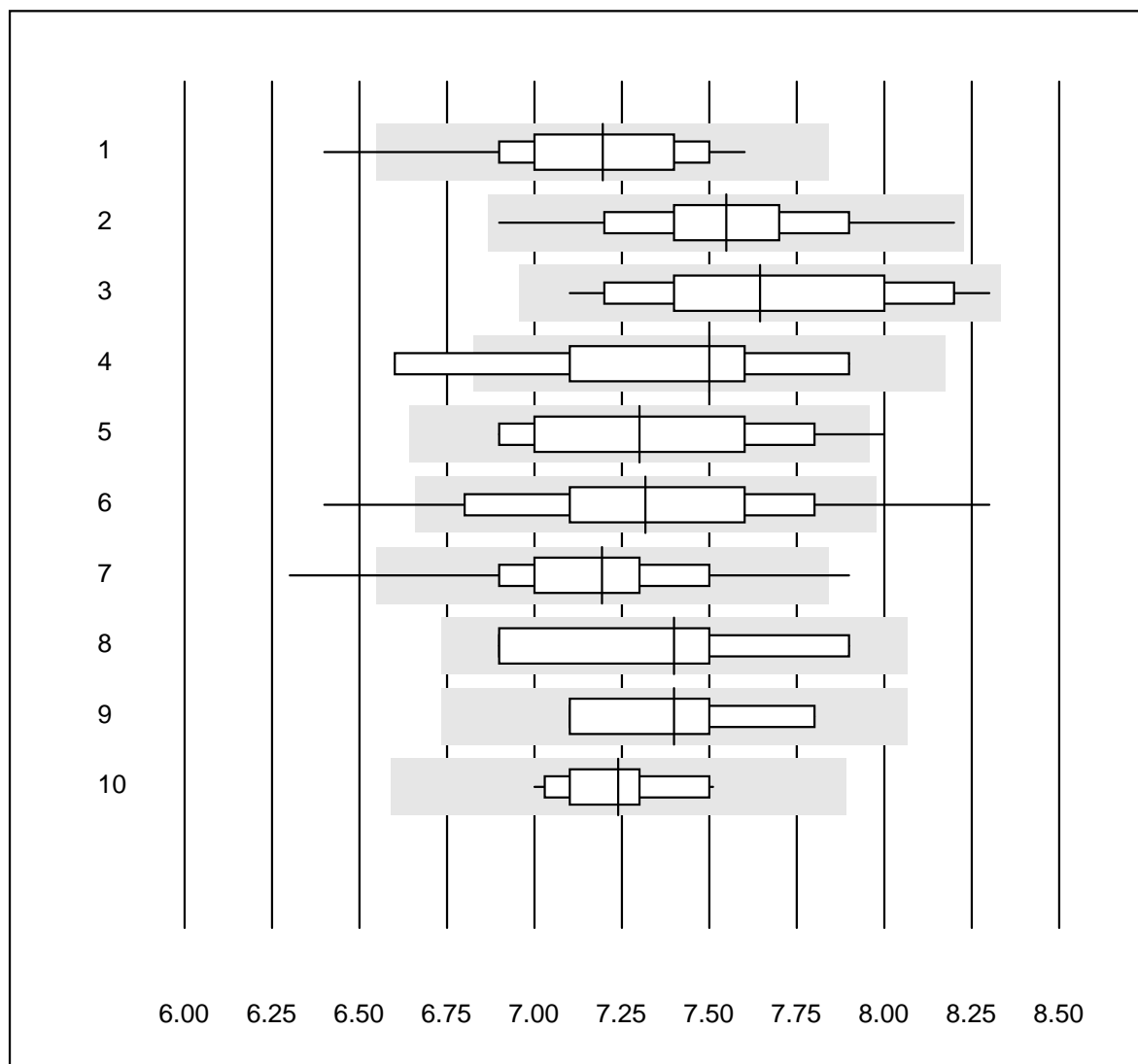


Deviazione QUALAB : 9 %

HbA1c campione A (%)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b101	31	100.0	0.0	0.0	5.1	3.3	e
2 Afinion	596	98.0	1.5	0.5	5.4	3.7	e
3 Eurolyser	9	100.0	0.0	0.0	5.5	1.7	e
4 Hemocue HbA1c 501	8	87.5	0.0	12.5	5.3	4.5	e*
5 NycoCard	95	84.2	5.3	10.5	5.3	4.9	e
6 DCA2000/Vantage	226	97.8	1.8	0.4	5.2	3.4	e
7 Andere	8	100.0	0.0	0.0	5.1	3.4	e*
8 HPLC	6	100.0	0.0	0.0	5.3	4.3	e*
9 Roche, Cobas	16	93.7	0.0	6.3	5.0	3.6	e

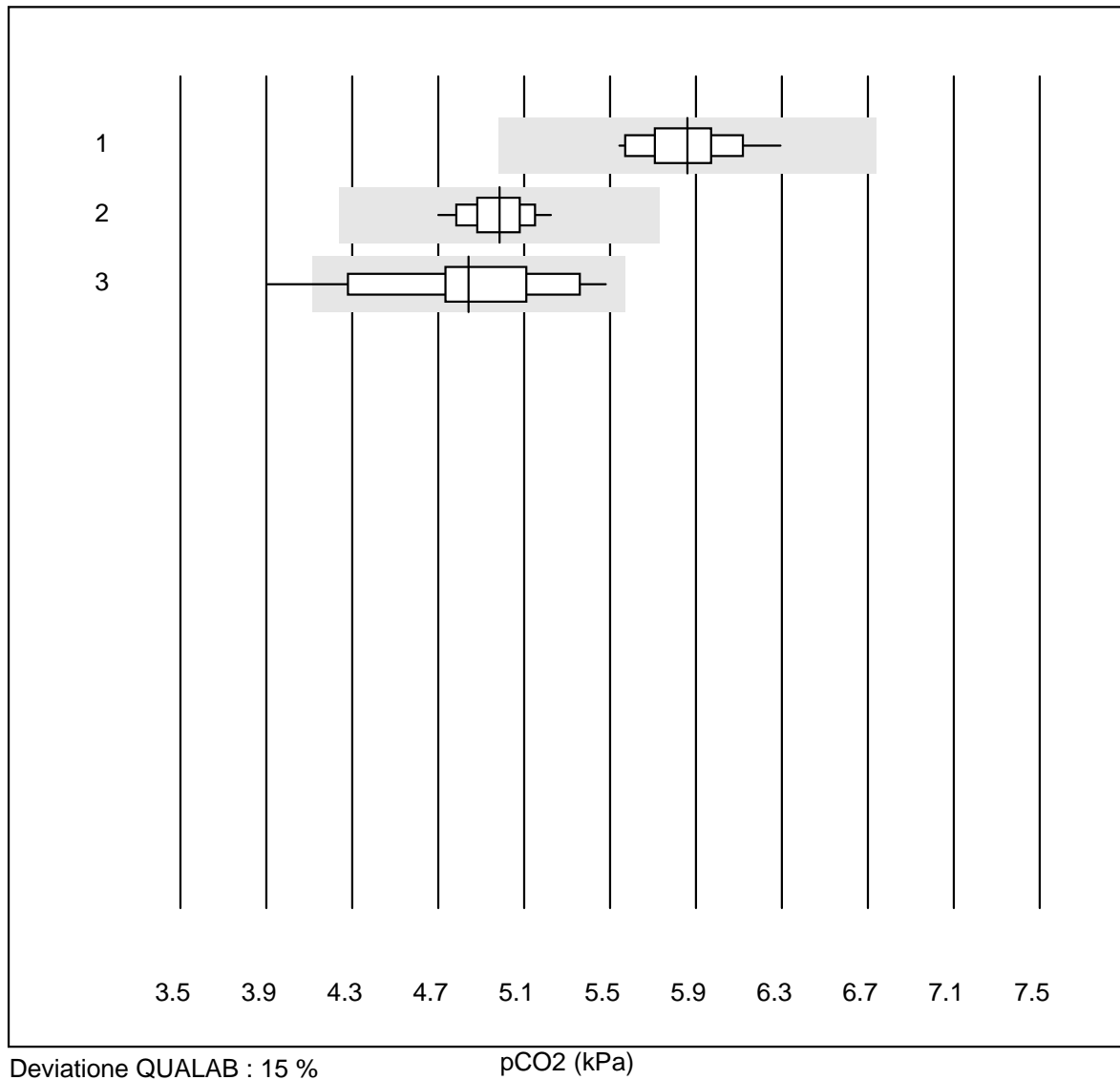
HbA1c campione B



Deviazione QUALAB : 9 %

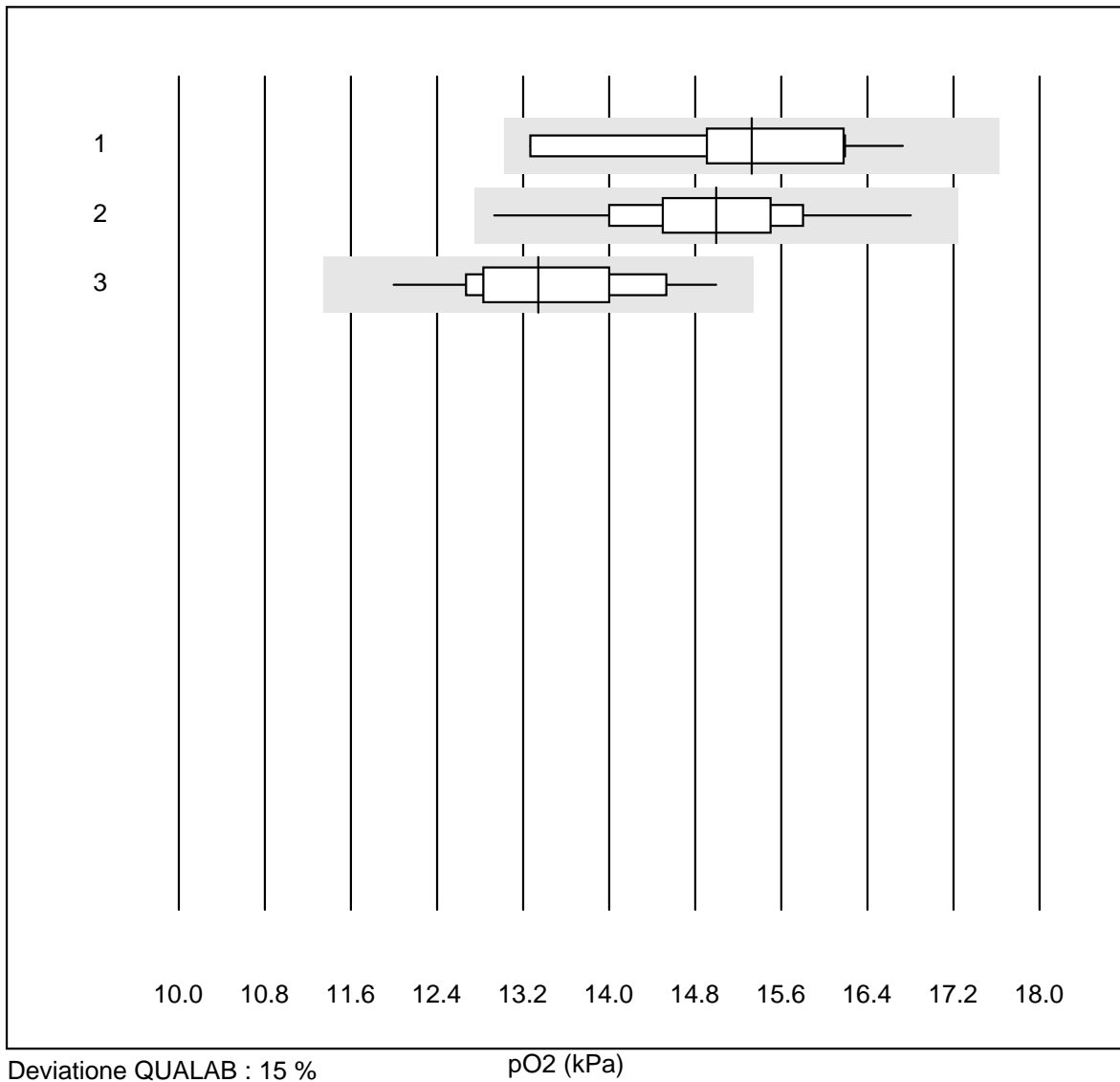
HbA1c campione B (%)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b101	23	95.7	4.3	0.0	7.2	3.9	e
2 Afinion	599	99.8	0.0	0.2	7.5	3.3	e
3 Eurolyser	18	100.0	0.0	0.0	7.6	4.7	e*
4 A1c Now	5	80.0	20.0	0.0	7.5	6.9	e*
5 Hemocue HbA1c 501	11	90.9	9.1	0.0	7.3	5.3	e*
6 NycoCard	93	81.7	8.6	9.7	7.3	5.3	e
7 DCA2000/Vantage	194	98.0	1.0	1.0	7.2	3.2	e
8 Andere	7	100.0	0.0	0.0	7.4	4.8	e*
9 HPLC	4	100.0	0.0	0.0	7.4	4.0	e*
10 Roche, Cobas	15	100.0	0.0	0.0	7.2	2.1	e

pCO₂

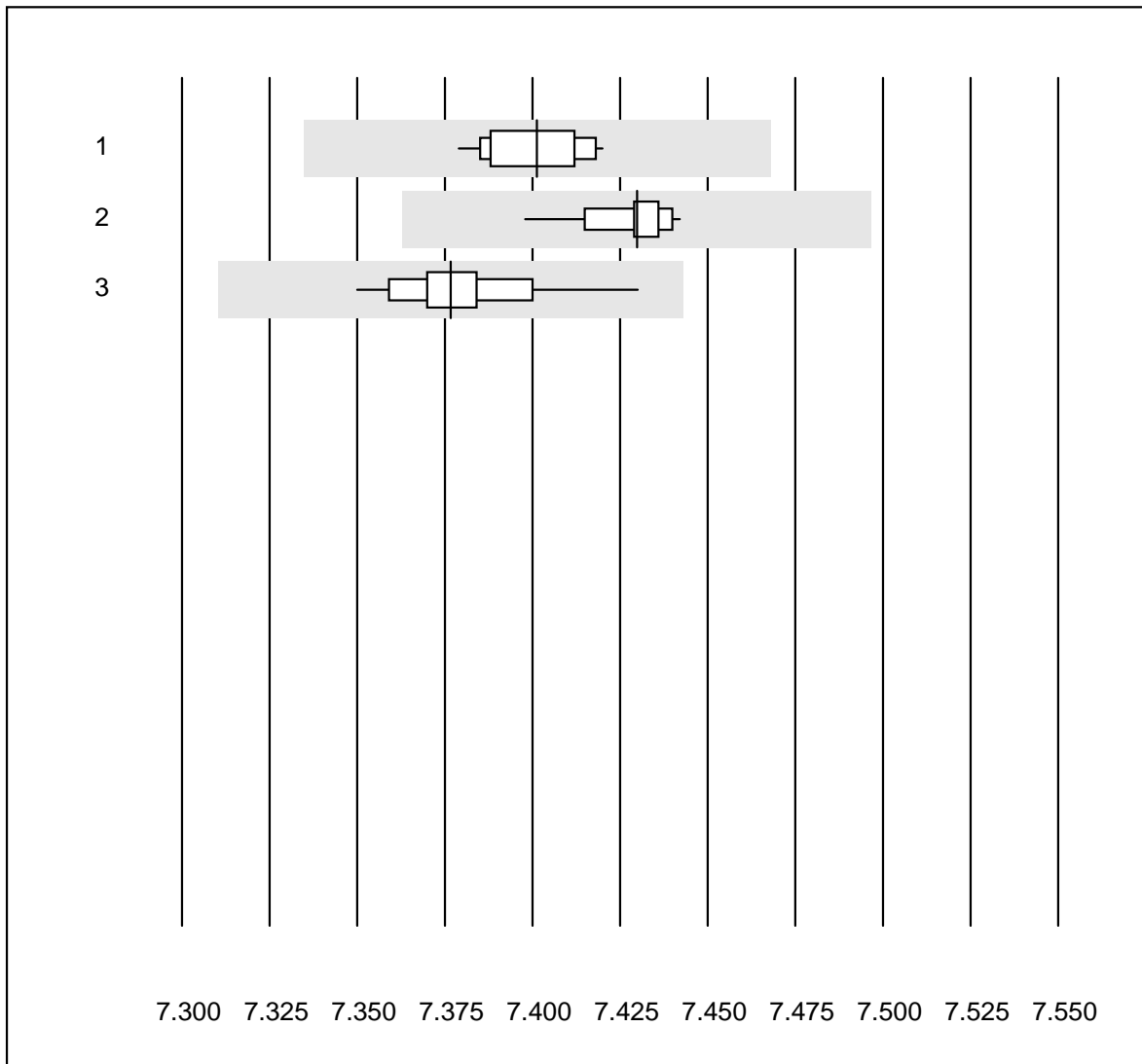
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	14	100.0	0.0	0.0	5.86	3.6	e
2 iStat	34	100.0	0.0	0.0	4.99	2.8	e
3 EPOC	26	92.3	7.7	0.0	4.84	8.2	e

pO2



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	11	90.9	0.0	9.1	15.32	7.2	e*
2 iStat	33	100.0	0.0	0.0	15.00	5.3	e
3 EPOC	26	84.6	0.0	15.4	13.34	5.6	e

pH

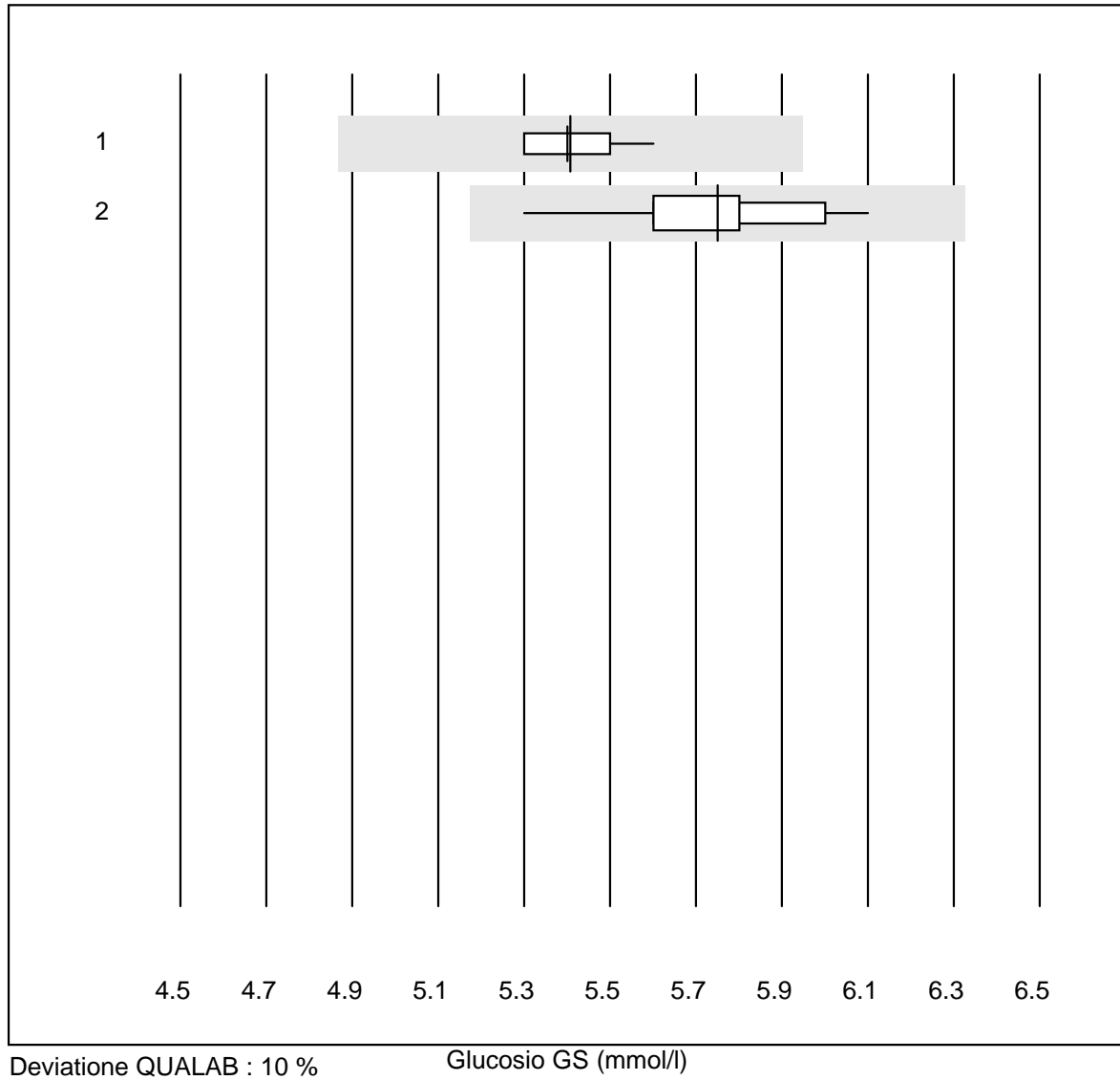


Deviazione QUALAB : 1 %

pH ()

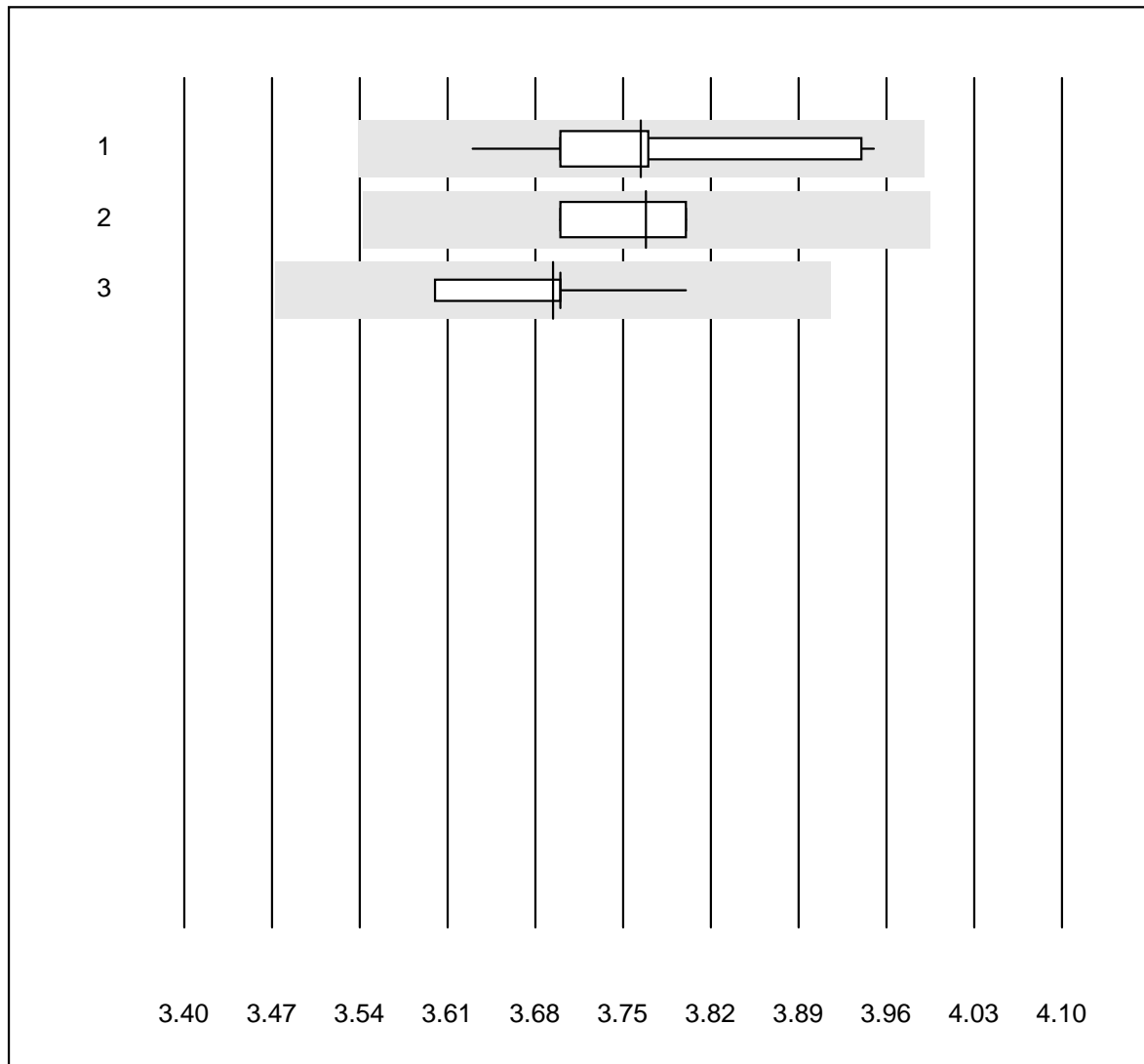
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	13	100.0	0.0	0.0	7.40	0.2	e
2 iStat	34	100.0	0.0	0.0	7.43	0.1	e
3 EPOC	26	100.0	0.0	0.0	7.38	0.2	e

Glucosio GS



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 iStat	12	100.0	0.0	0.0	5.4	1.5	e
2 EPOC	18	100.0	0.0	0.0	5.7	3.1	e

Potassio BG

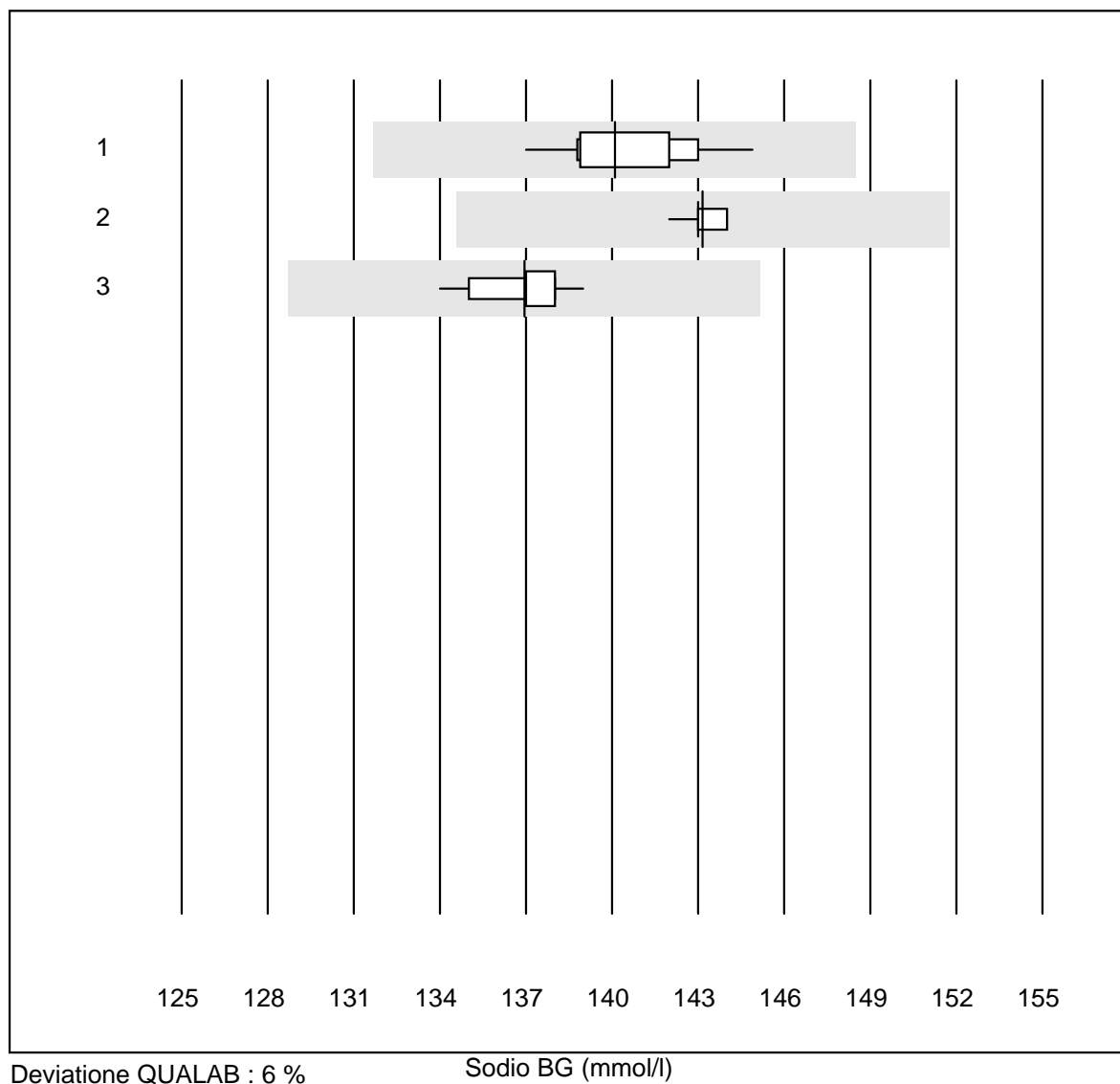


Deviazione QUALAB : 6 %

Potassio BG (mmol/l)

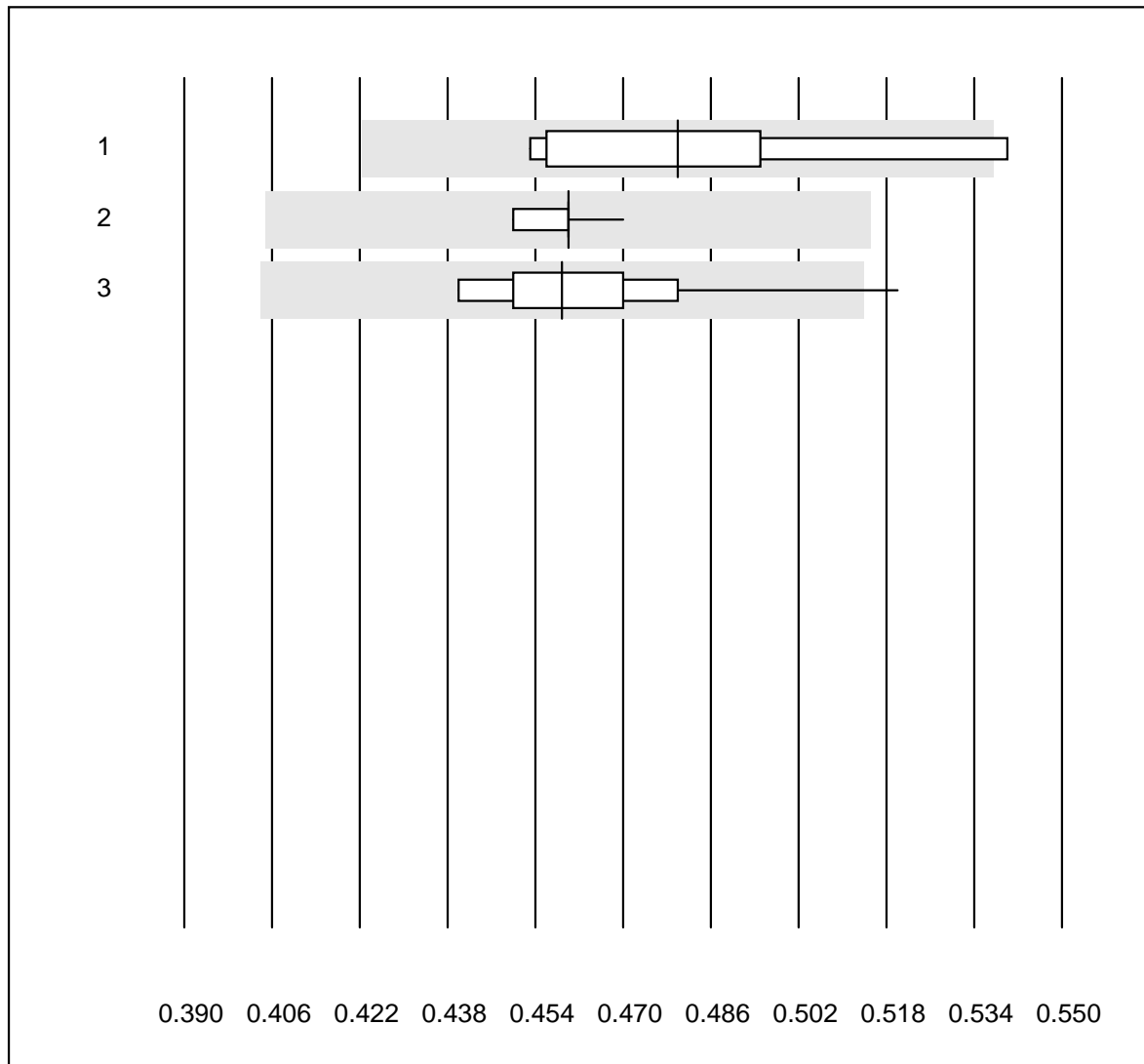
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	12	100.0	0.0	0.0	3.8	2.5	e
2 iStat	19	100.0	0.0	0.0	3.8	1.3	e
3 EPOC	22	100.0	0.0	0.0	3.7	1.3	e

Sodio BG



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	13	100.0	0.0	0.0	140.1	1.6	e
2 iStat	19	100.0	0.0	0.0	143.2	0.4	e
3 EPOC	21	100.0	0.0	0.0	136.9	1.0	e

Calcio-BG

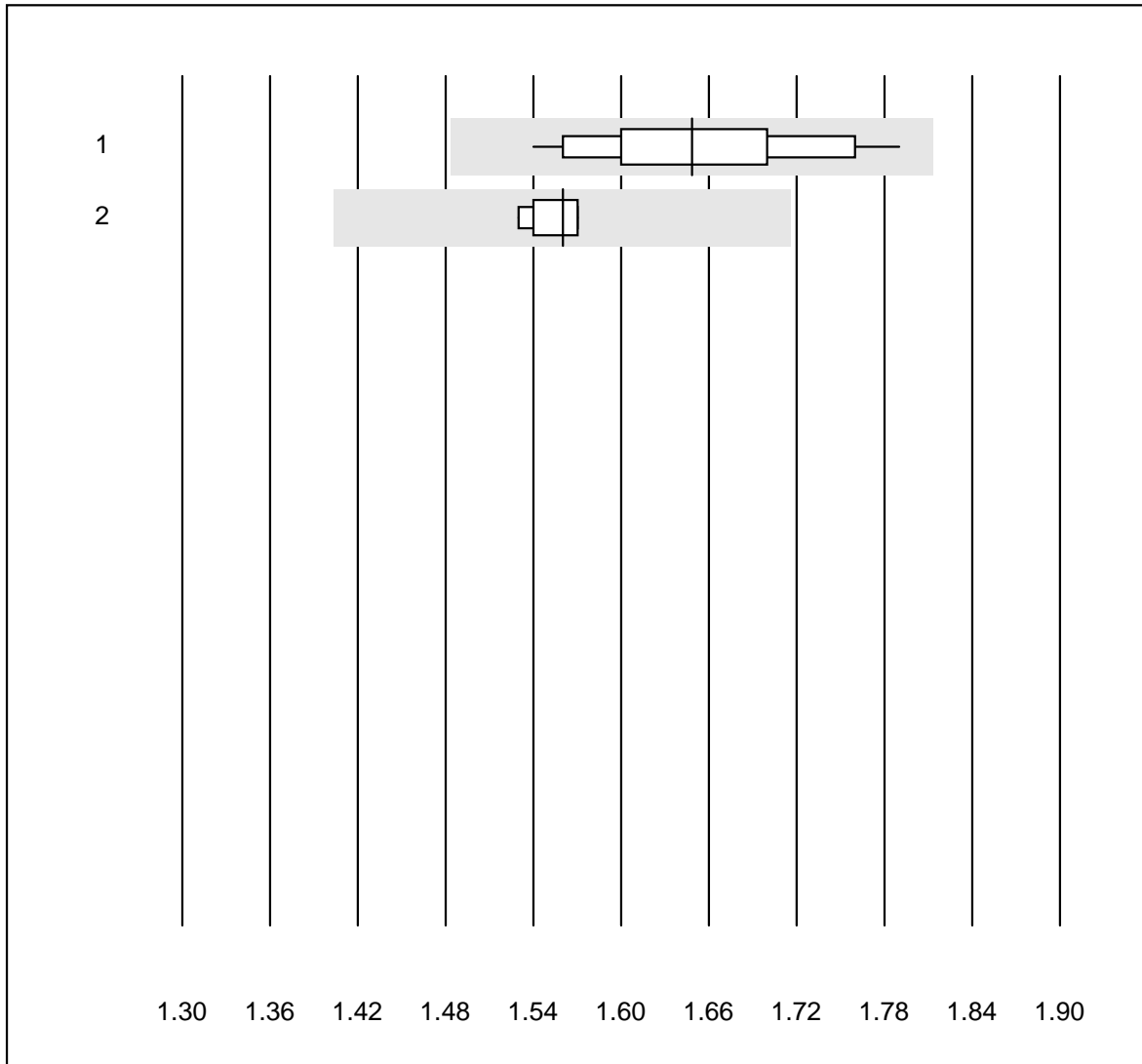


Deviazione QUALAB : 12 %

Calcio-BG (mmol/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	8	87.5	12.5	0.0	0.48	6.1	e*
2 iStat	10	100.0	0.0	0.0	0.46	1.0	e
3 EPOC	21	95.2	4.8	0.0	0.46	4.6	e

Lattato-BG

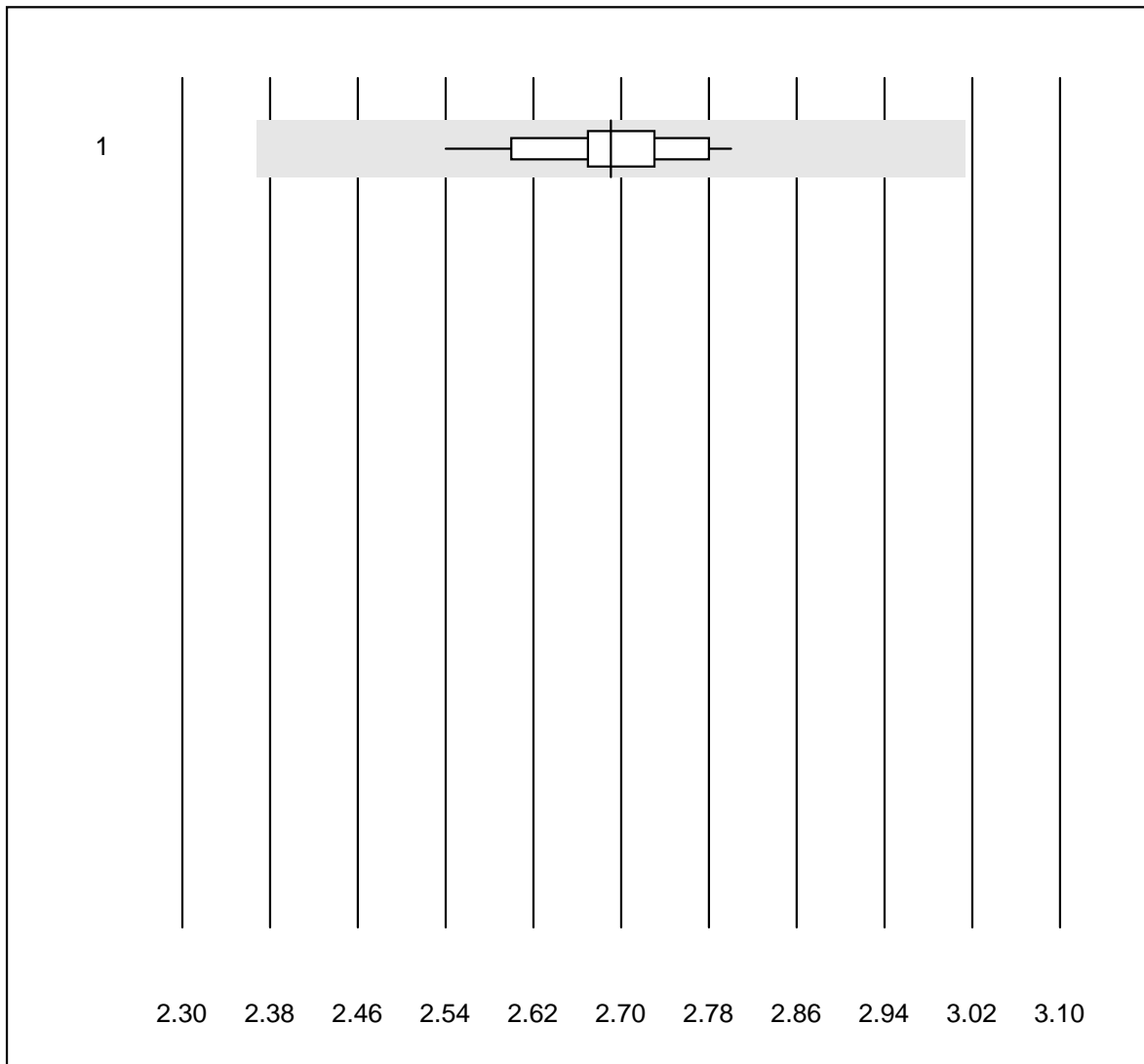


Deviazione QUALAB : 10 %

Lattato-BG (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 EPOC	22	100.0	0.0	0.0	1.65	4.4	e
2 iStat	7	85.7	0.0	14.3	1.56	1.1	e

Calcio - urine

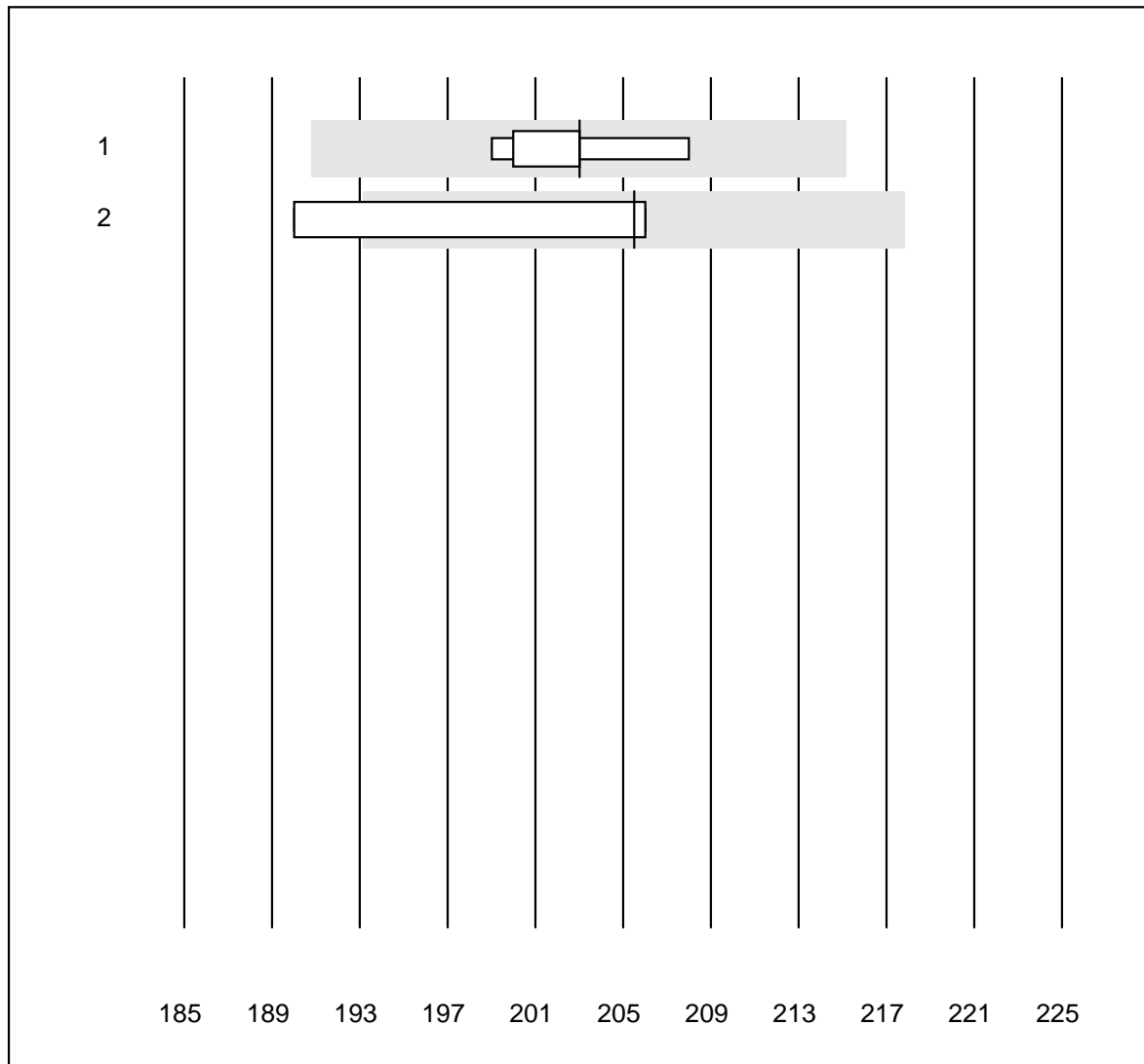


Deviazione QUALAB : 12 %

Calcio - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	14	100.0	0.0	0.0	2.69	2.5	e

Cloro - urine

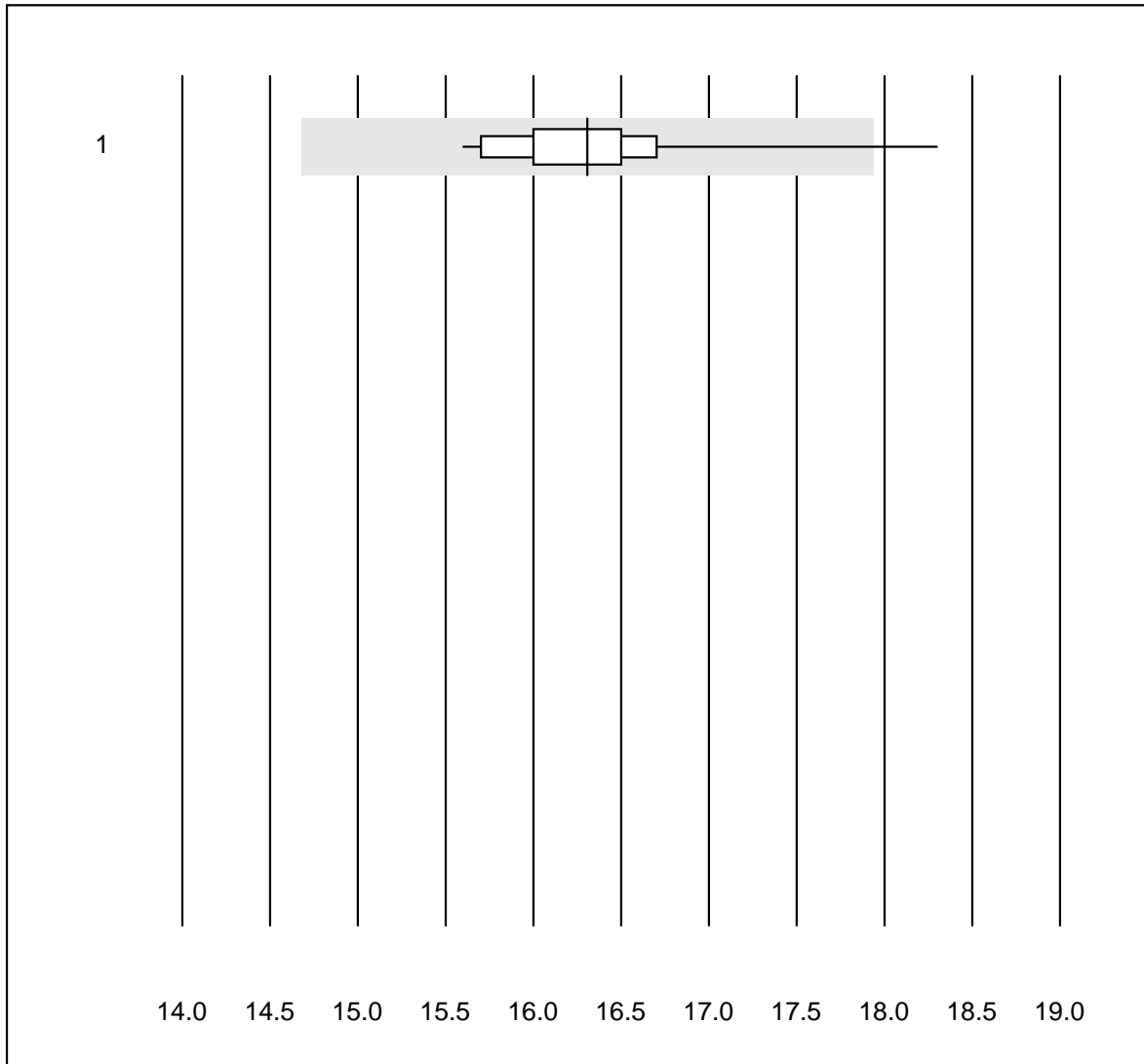


Deviazione QUALAB : 6 %

Cloro - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	6	100.0	0.0	0.0	203	1.5	e
2 ISE diretto	4	75.0	25.0	0.0	206	3.9	e*

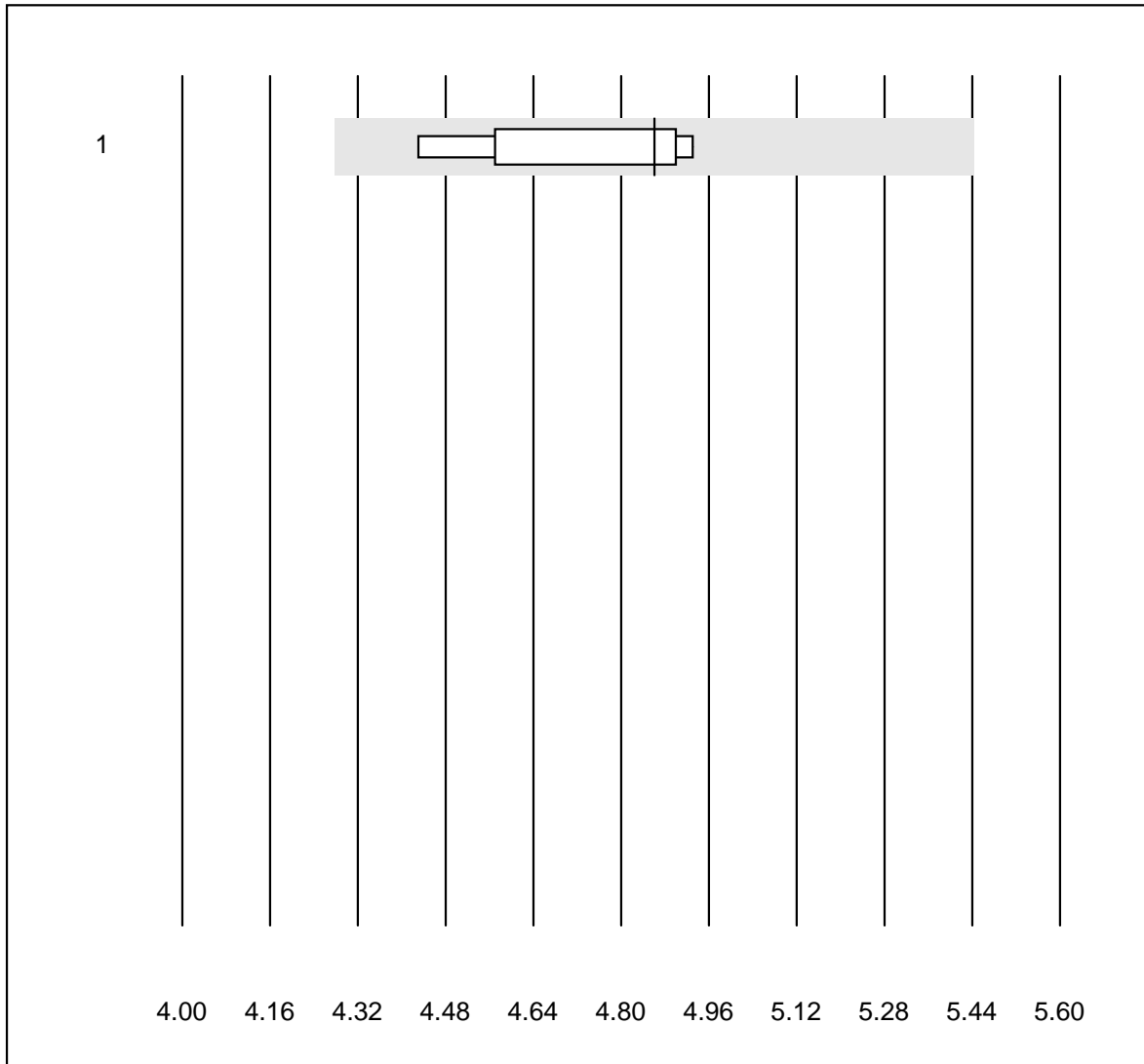
Glucosio - urine



Deviazione QUALAB : 10 % Glucosio - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	13	92.3	7.7	0.0	16.3	4.2	e

Magnesio - urine

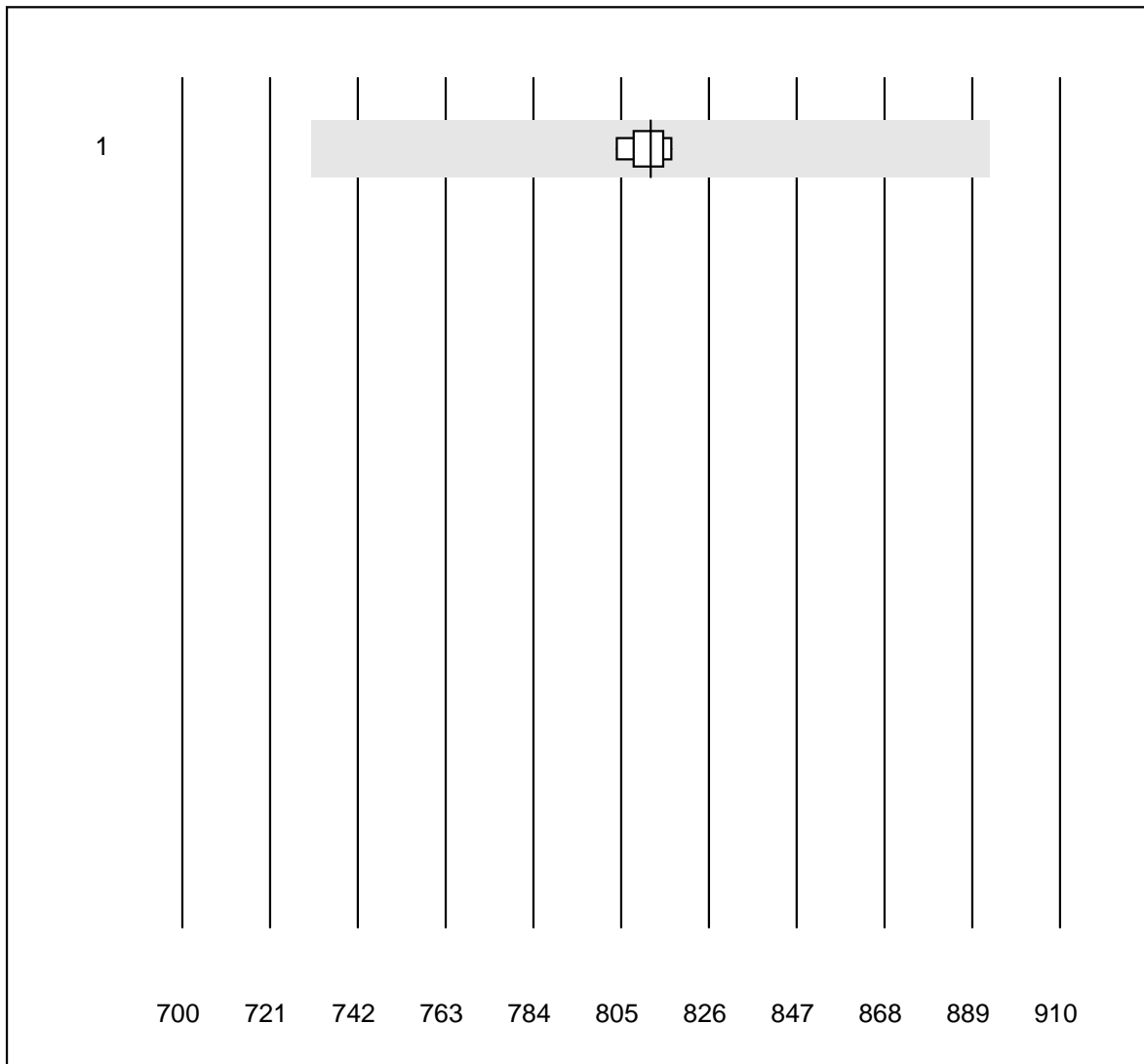


Deviazione QUALAB : 12 %

Magnesio - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	9	100.0	0.0	0.0	4.9	4.1	e

Osmolalità - urine

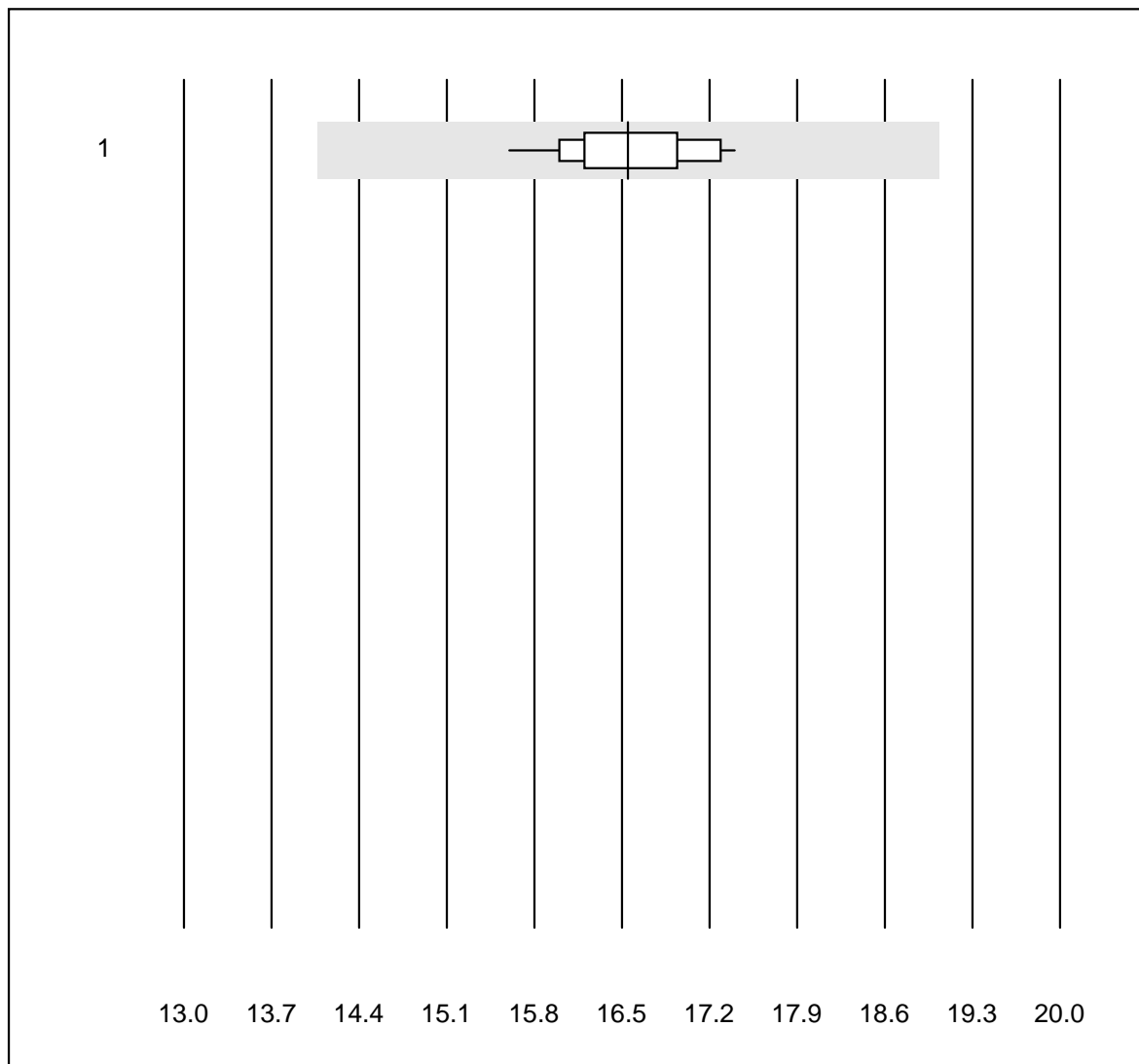


Deviazione QUALAB : 10 %

Osmolalità - urine (mosm/kg)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cryoscopia	6	100.0	0.0	0.0	812	0.6	e

Fosforo - urine

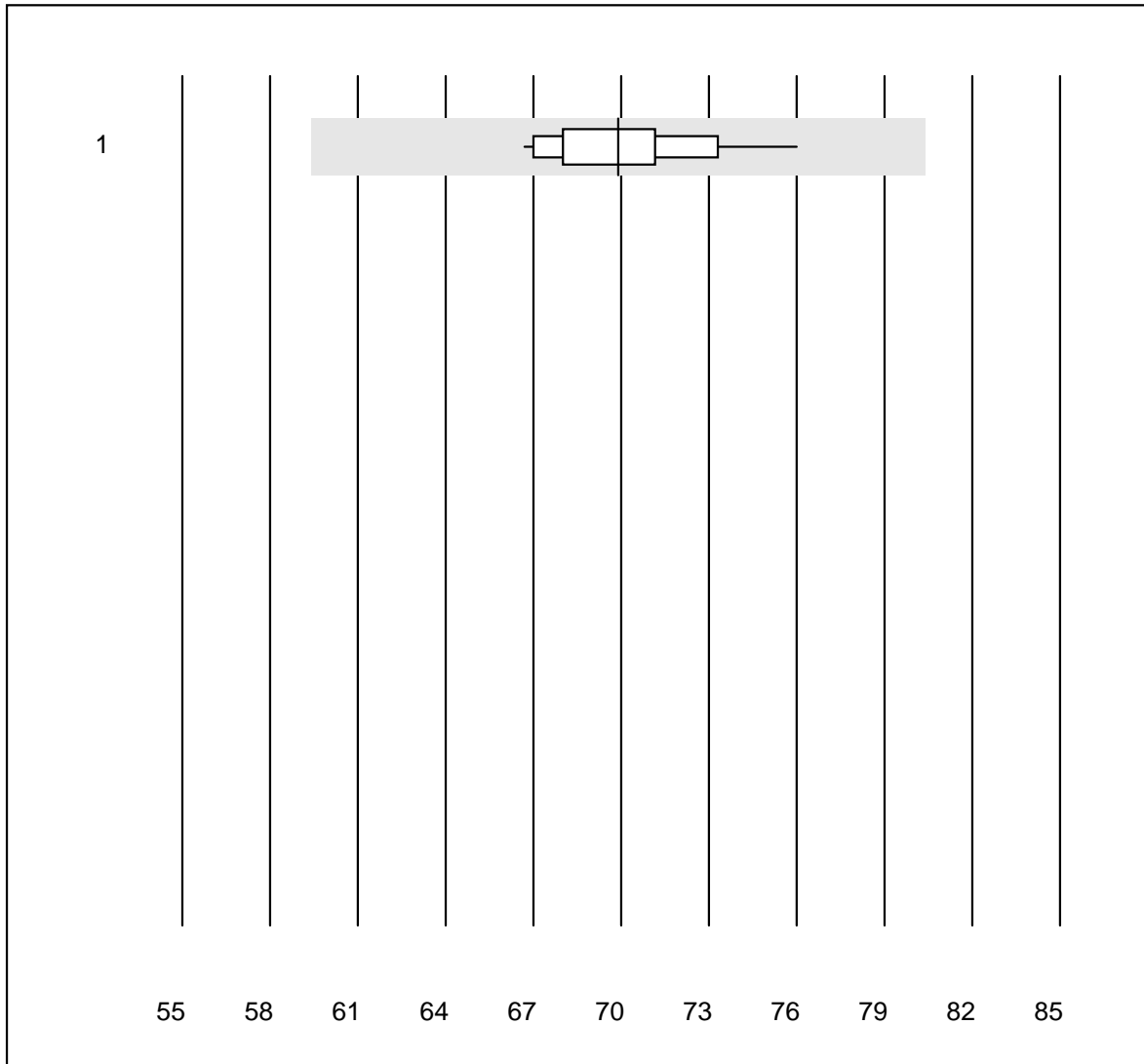


Deviazione QUALAB : 15 %

Fosforo - urine (mmol/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	15	100.0	0.0	0.0	16.5	3.1	e

Potassio - urine

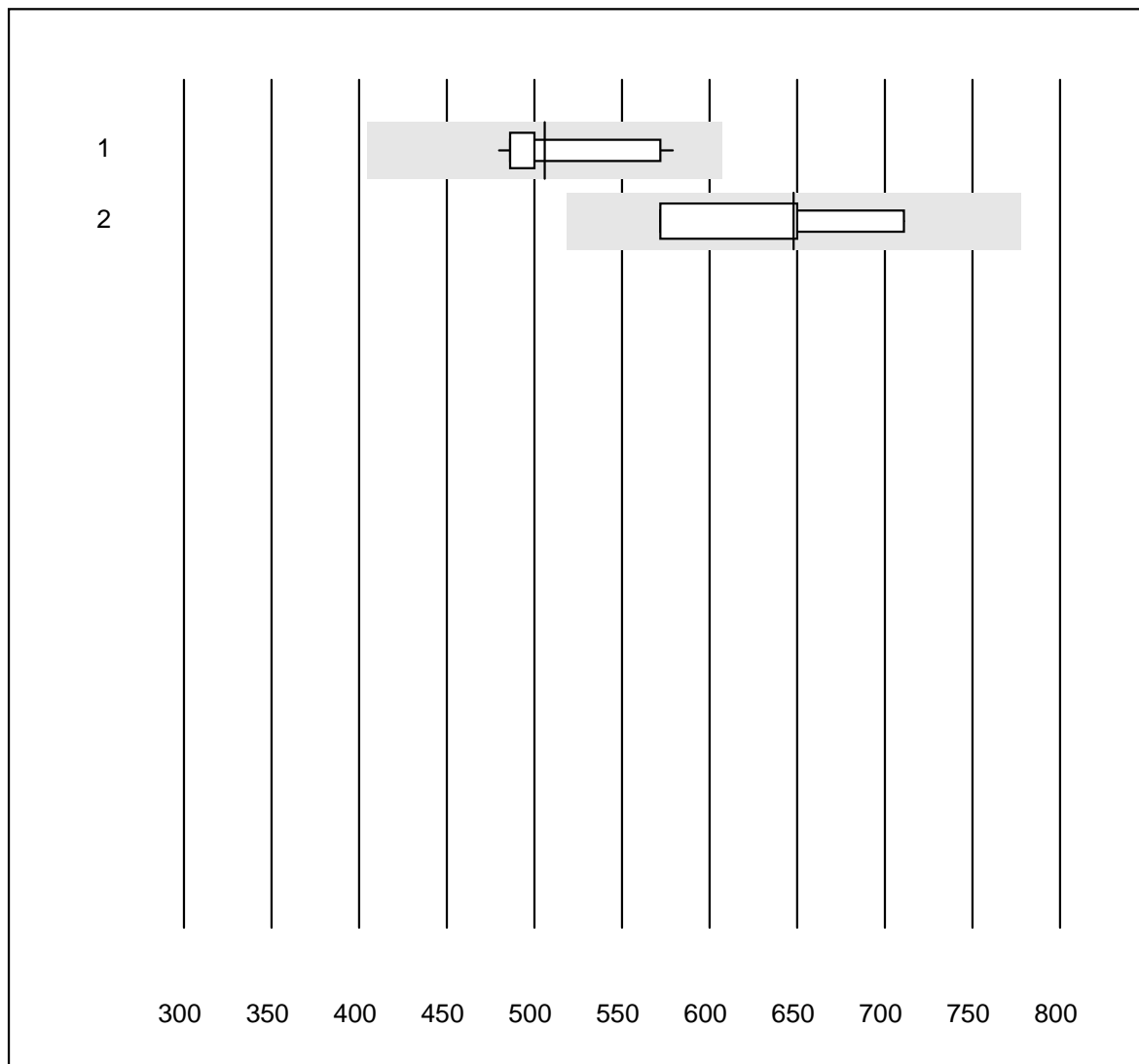


Deviazione QUALAB : 15 %

Potassio - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	19	100.0	0.0	0.0	70	3.3	e

Proteina - urina

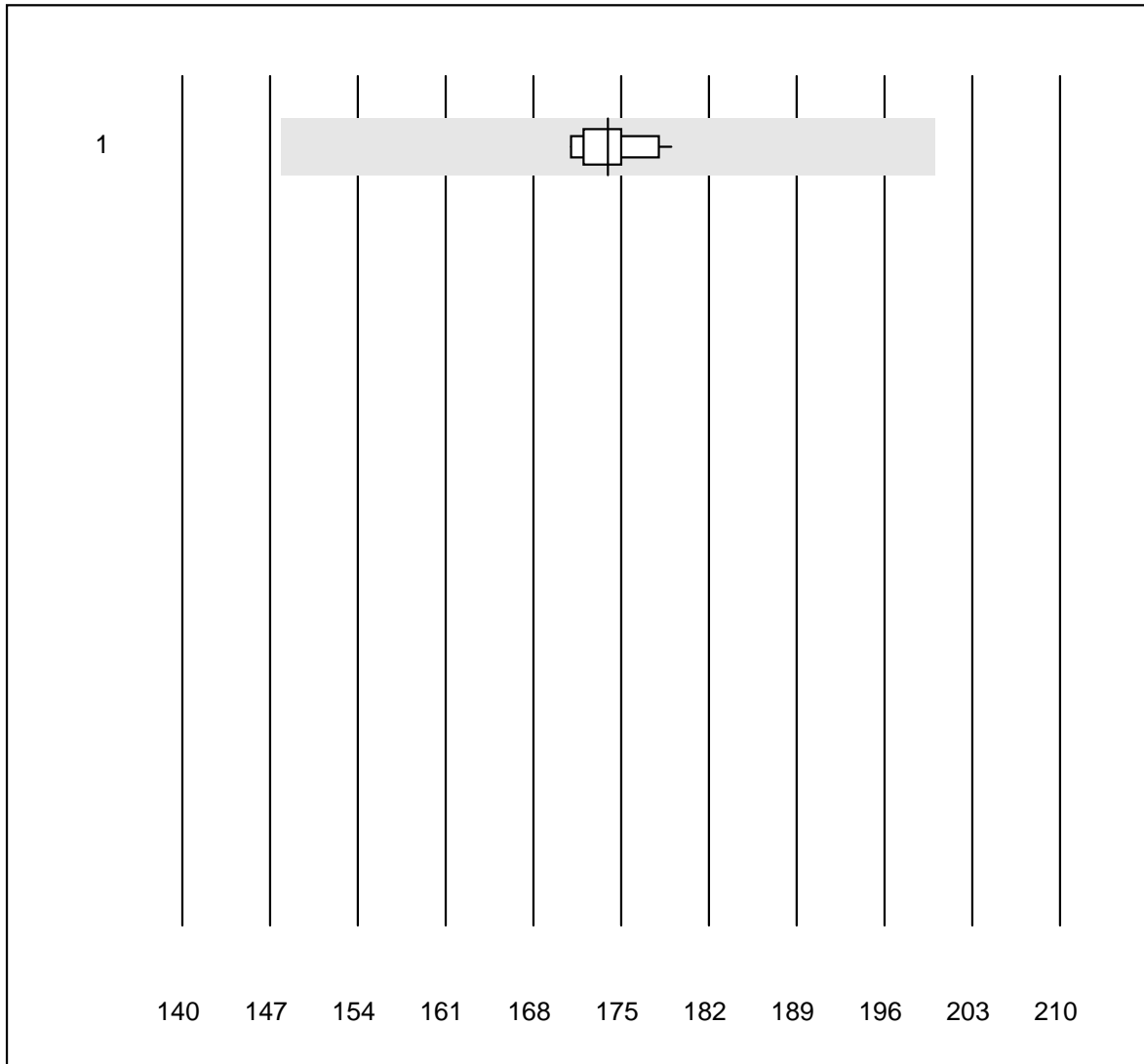


Deviazione QUALAB : 20 %

Proteina - urina (mg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas/Roche	12	100.0	0.0	0.0	506.0	6.5	e
2 altro	4	100.0	0.0	0.0	648.0	8.8	e*

Sodio - urine

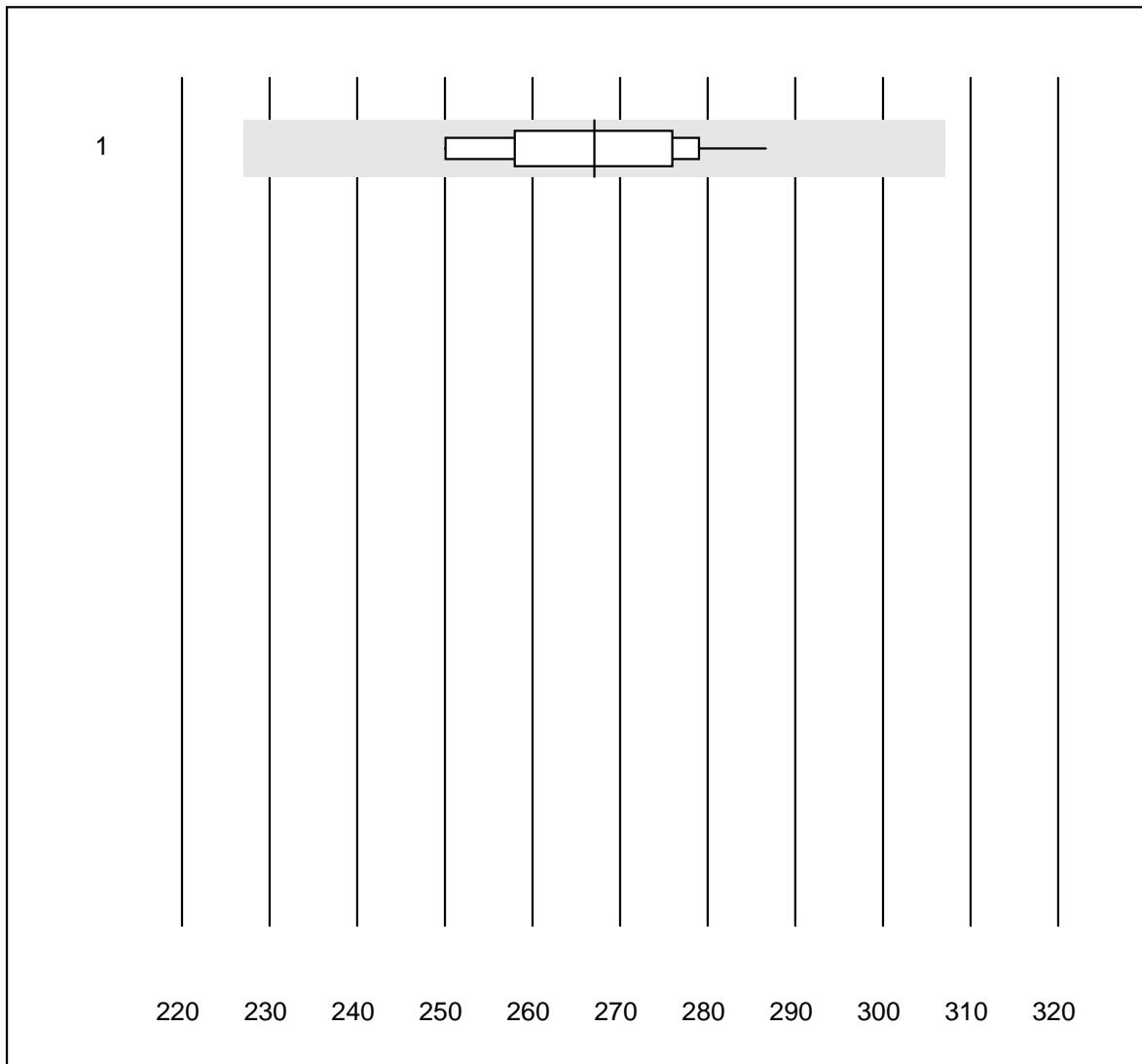


Deviazione QUALAB : 15 %

Sodio - urine (mmol/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	19	100.0	0.0	0.0	174	1.4	e

Urea - urine

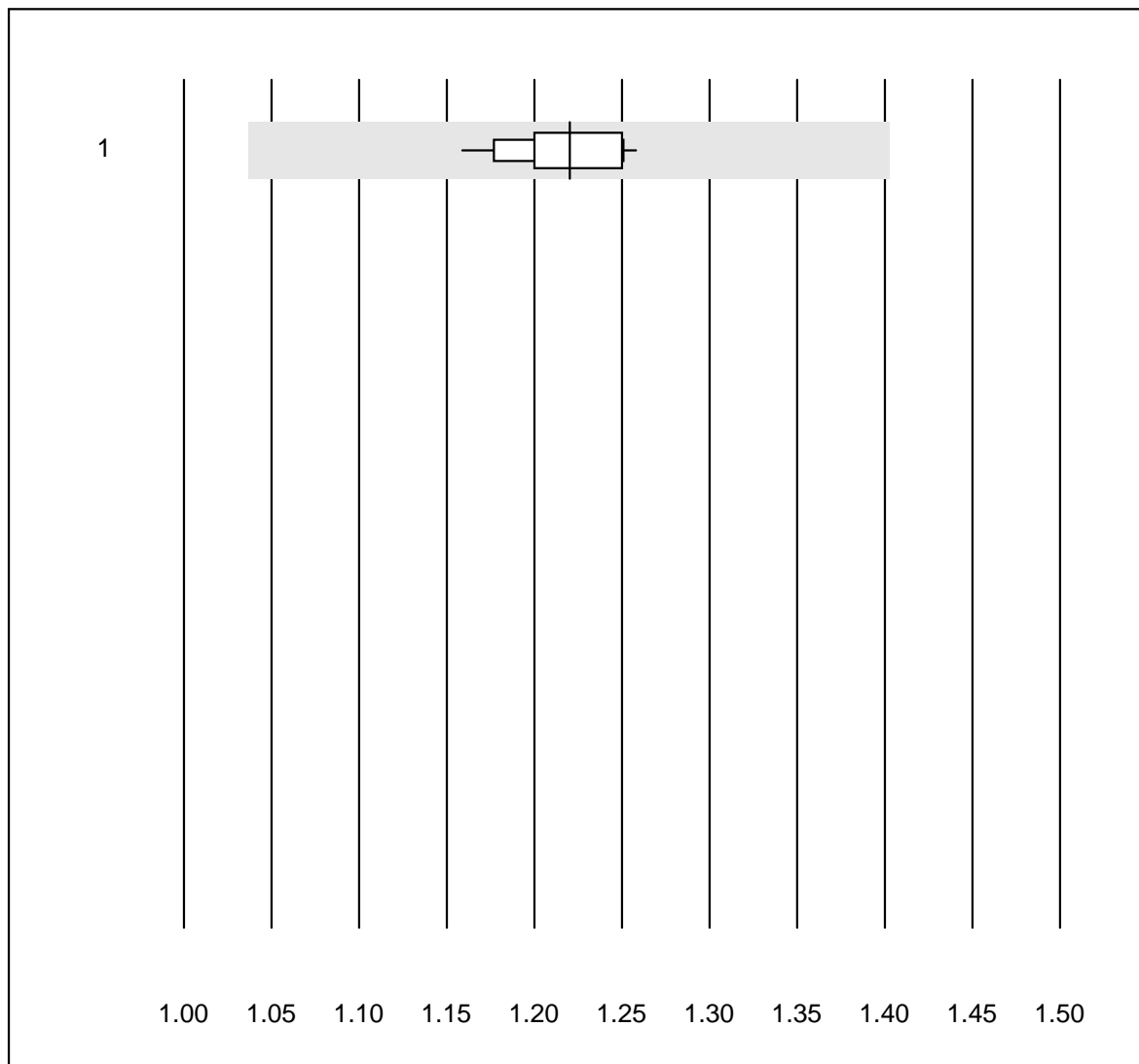


Deviazione QUALAB : 15 %

Urea - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	15	100.0	0.0	0.0	267	4.0	e

Acido urico - urine

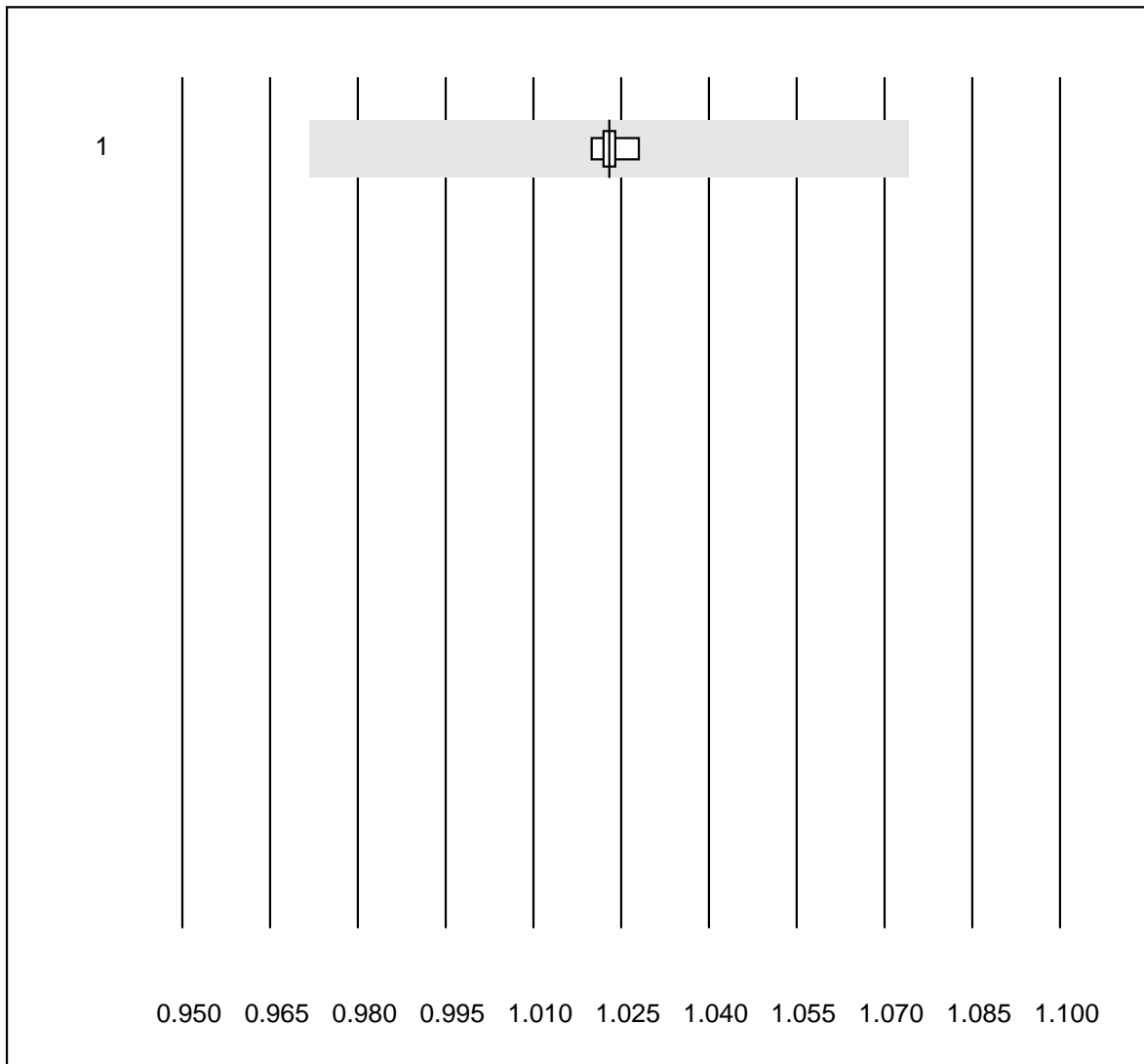


Deviazione QUALAB : 15 %

Acido urico - urine (mmol/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	14	100.0	0.0	0.0	1.22	2.5	e

Peso Specifico - urine

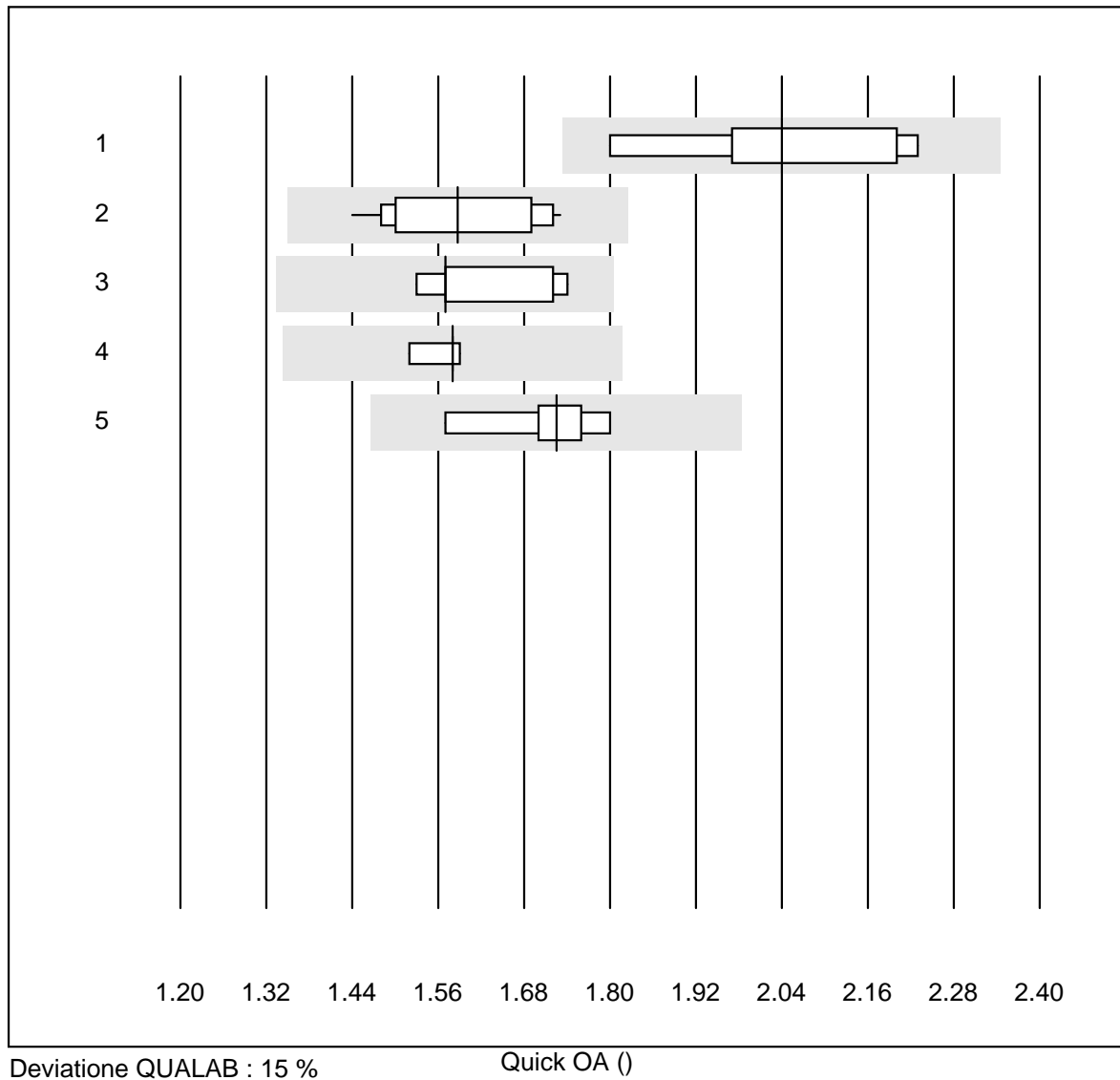


Deviazione QUALAB : 5 %

Peso Specifico - urine ()

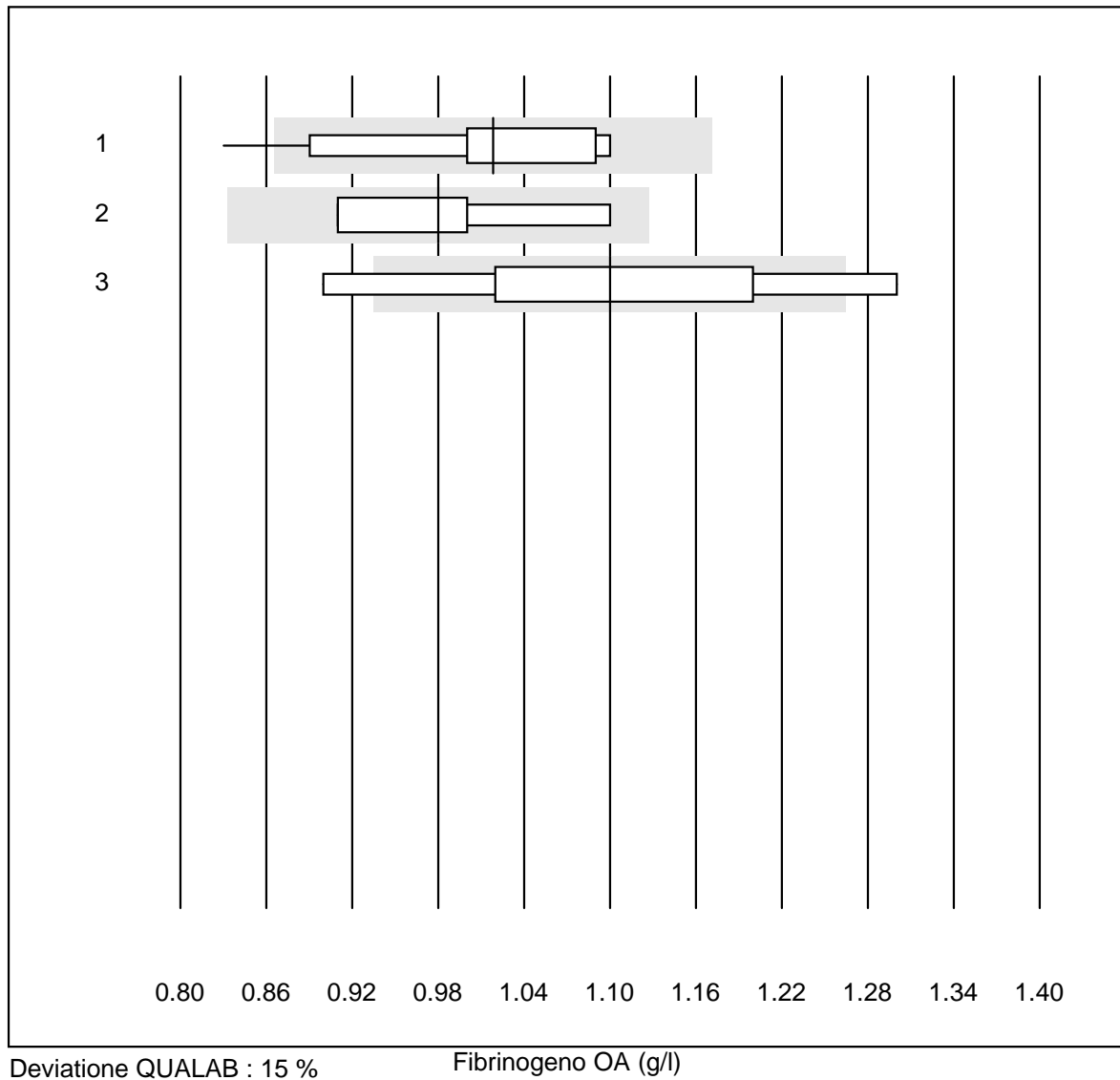
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Refraktometer	6	100.0	0.0	0.0	1.023	0.3	e

Quick OA



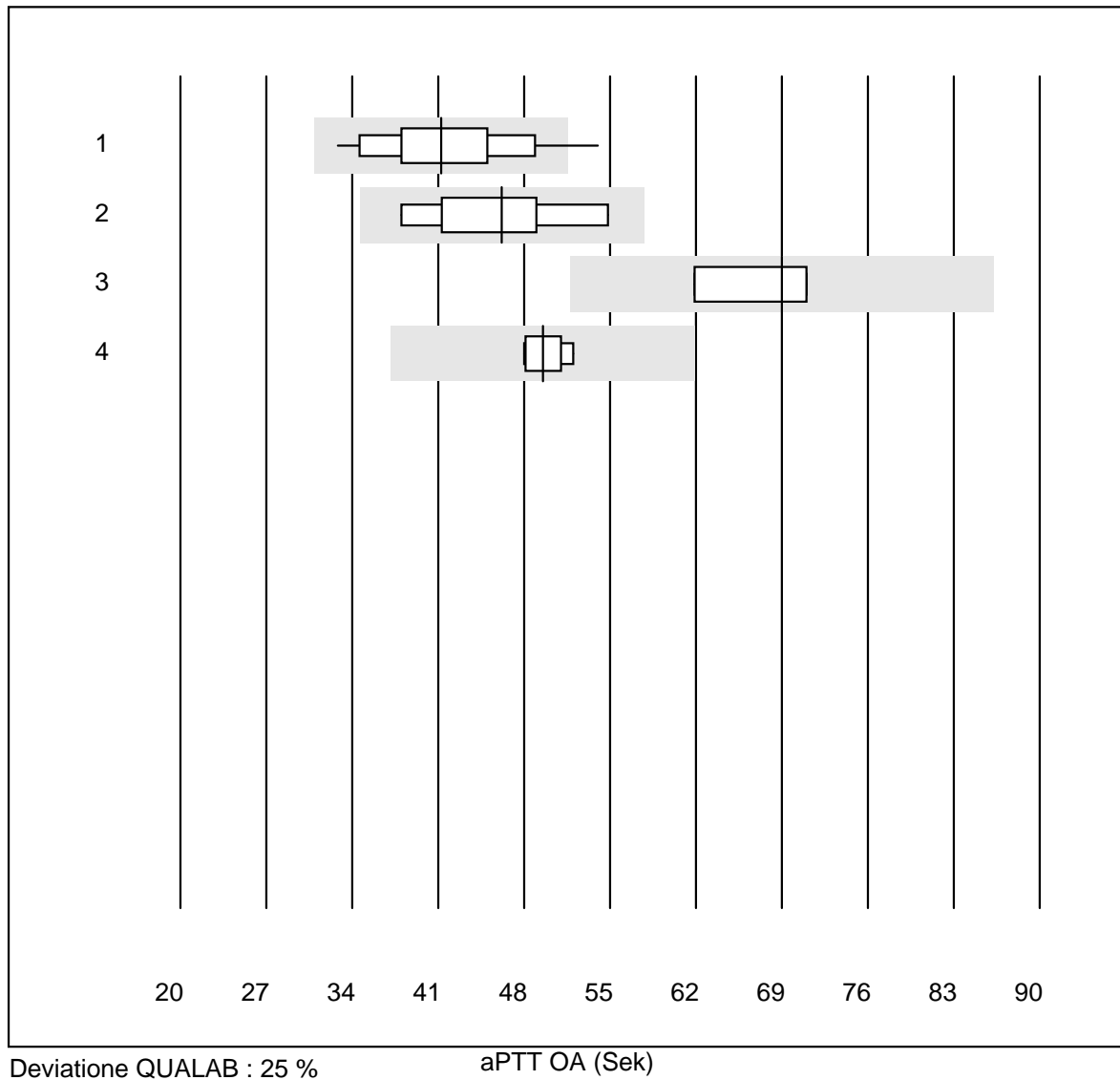
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Neoplastin Plus	5	100.0	0.0	0.0	2.04	8.6	e*
2 Innovin	18	100.0	0.0	0.0	1.59	5.8	e
3 Recombiplastin 2G	5	100.0	0.0	0.0	1.57	5.9	e*
4 altro	5	100.0	0.0	0.0	1.58	1.8	e
5 Neoplastin R	8	87.5	0.0	12.5	1.73	4.2	e

Fibrinogeno OA



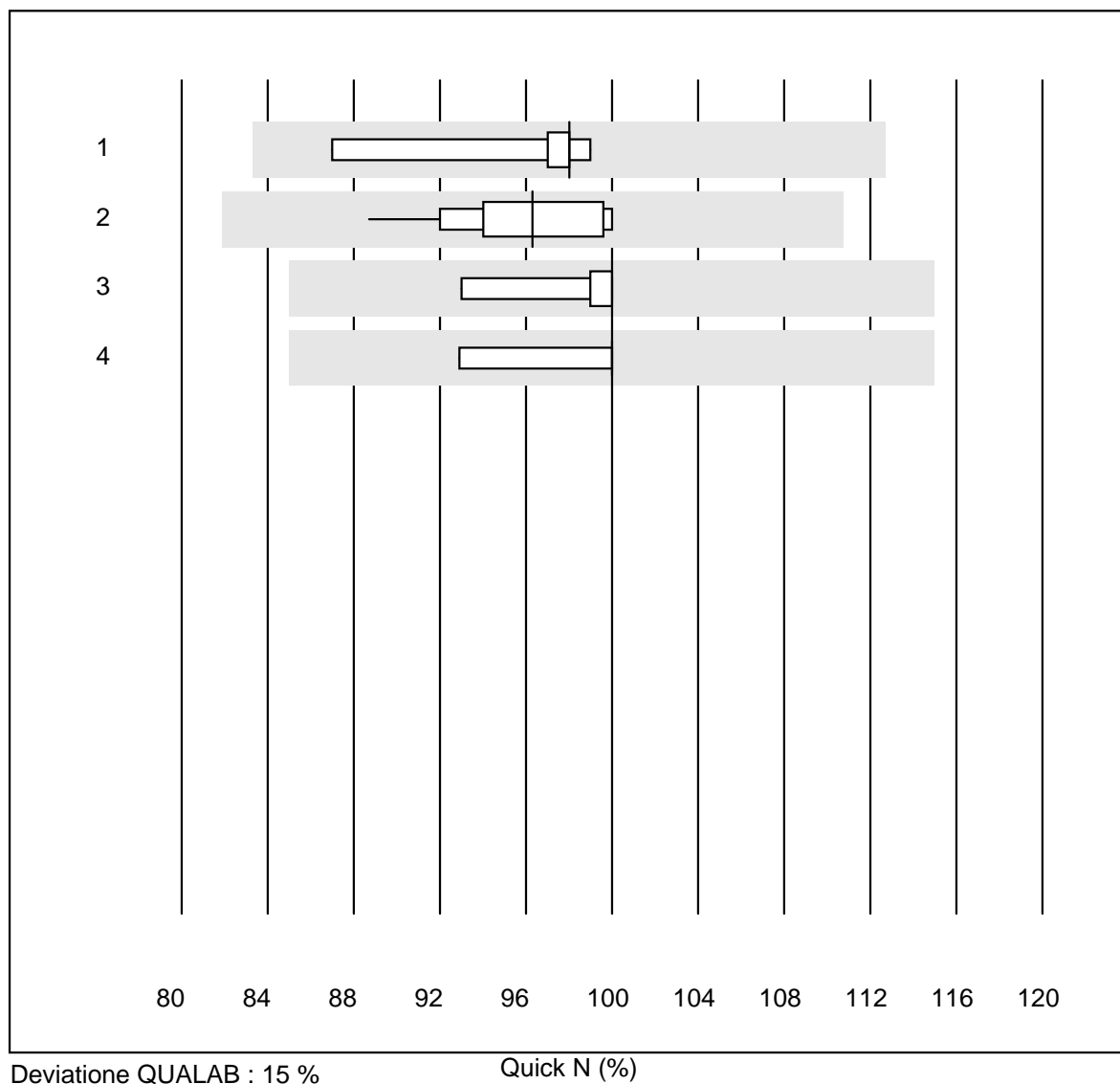
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 altro	11	90.9	9.1	0.0	1.02	8.5	e*
2 Siemens Thrombin	4	100.0	0.0	0.0	0.98	8.1	e*
3 Stago/STA	7	71.4	28.6	0.0	1.10	11.6	e*

aPTT OA



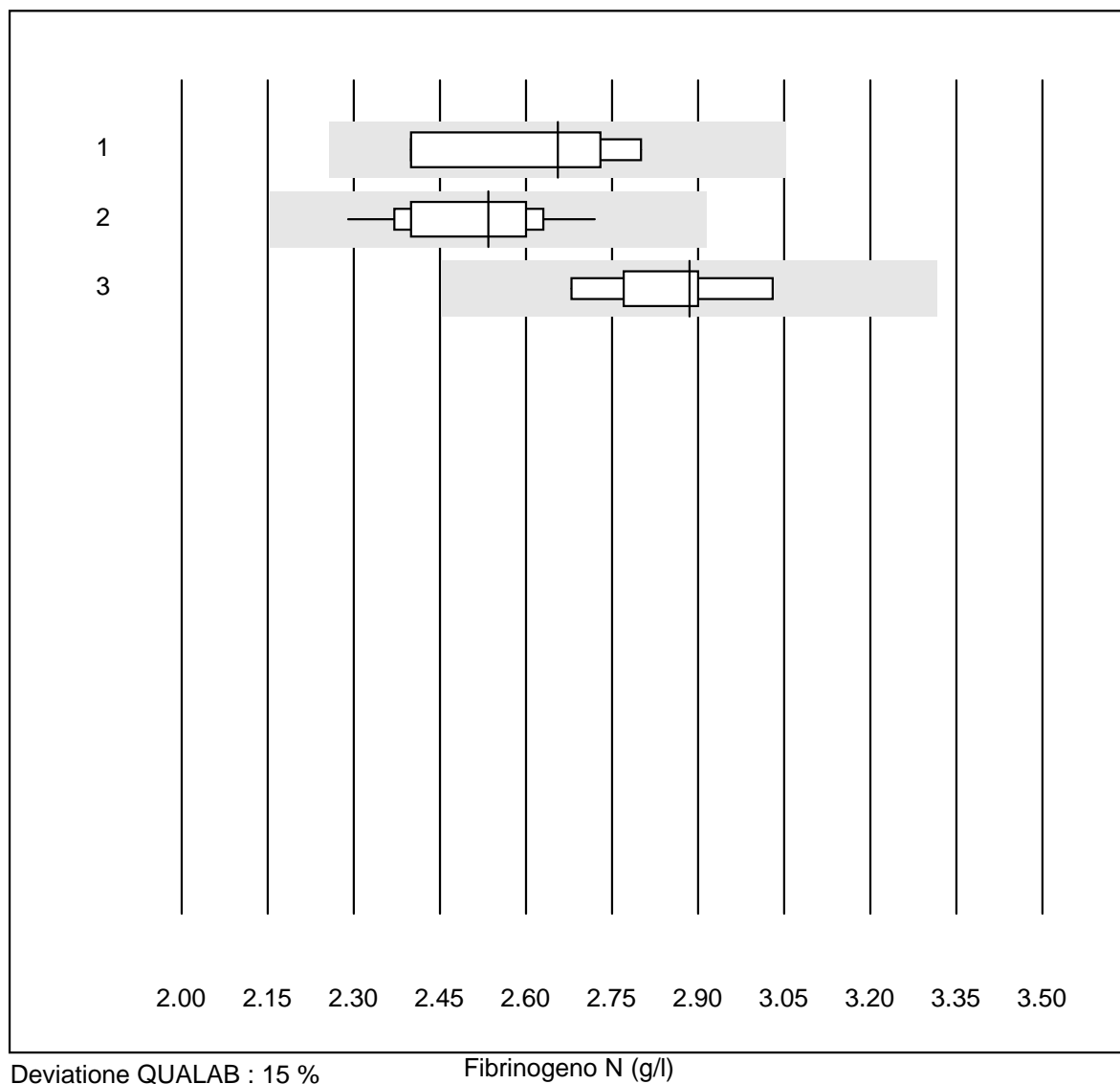
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 altro	13	92.3	7.7	0.0	41.3	14.8	e*
2 Actin FS	8	100.0	0.0	0.0	46.2	12.4	e*
3 Pathromtin SL	4	100.0	0.0	0.0	69.0	6.4	e*
4 Stago/STA	6	100.0	0.0	0.0	49.5	3.2	e

Quick N



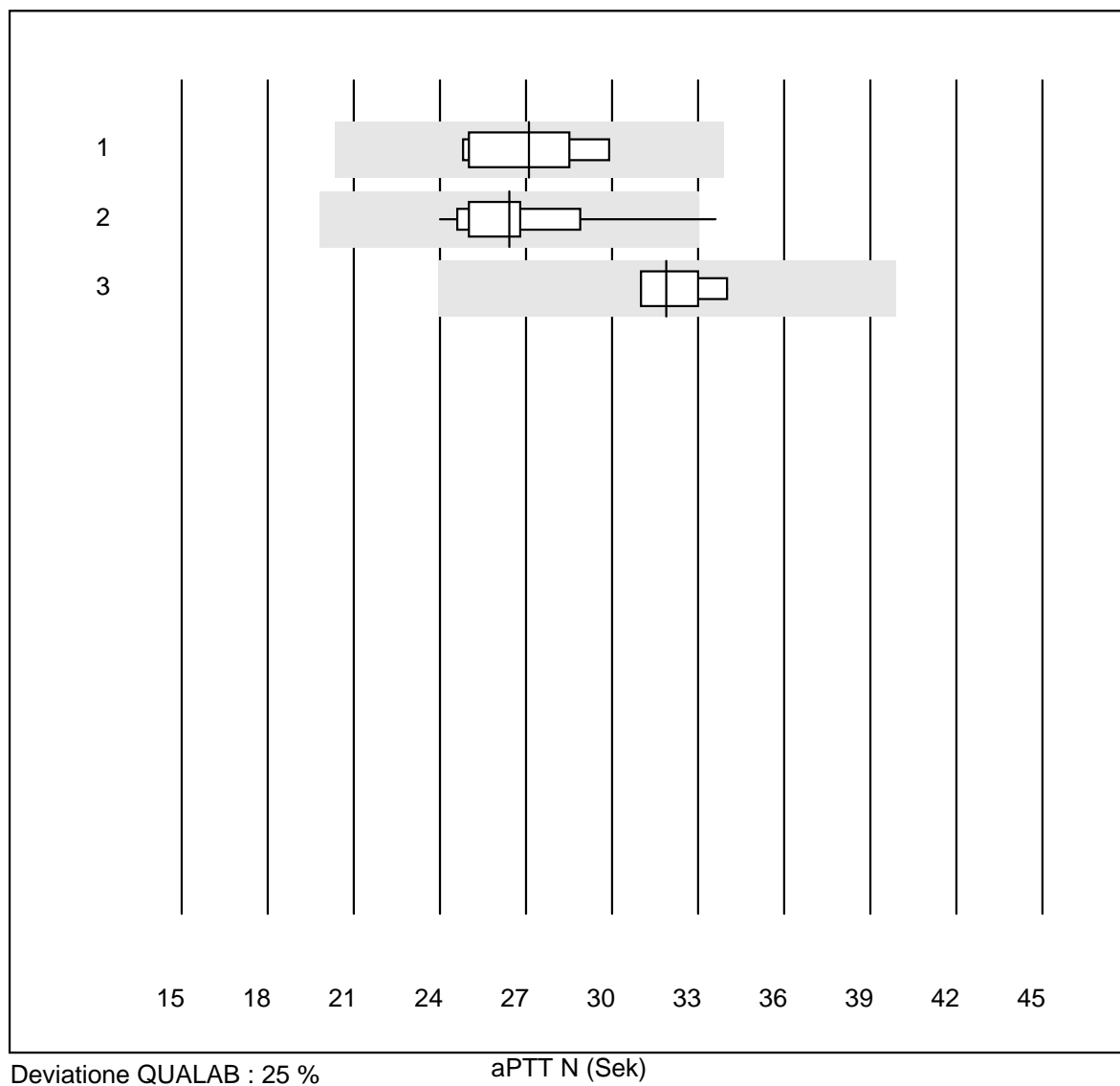
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Neoplastin R	5	100.0	0.0	0.0	98	5.2	e*
2 Innovin	11	100.0	0.0	0.0	96	3.8	e
3 tutti	6	100.0	0.0	0.0	100	2.8	e
4 Recombiplastin 2G	6	100.0	0.0	0.0	100	2.9	e

Fibrinogeno N



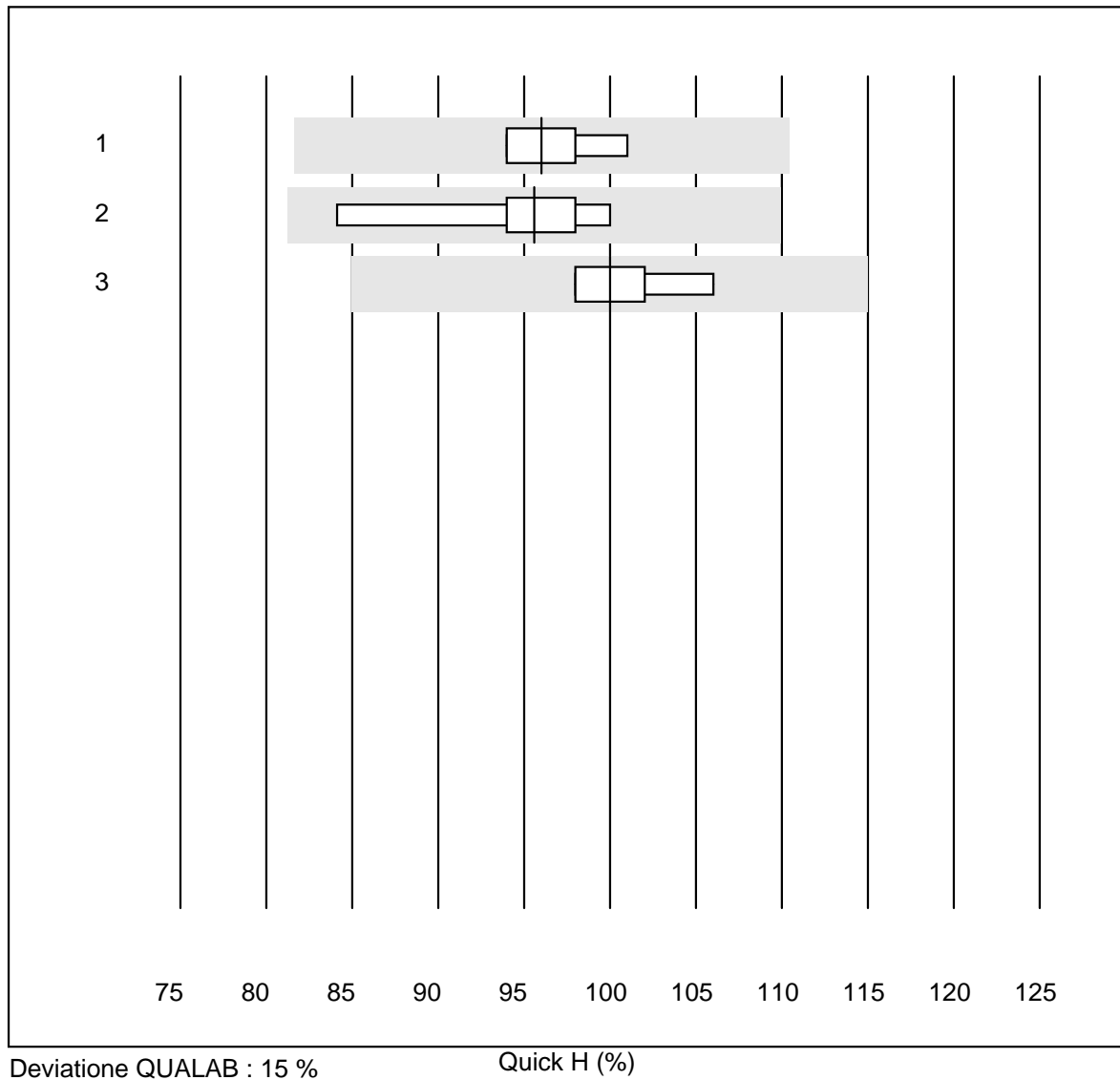
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Siemens Thrombin	4	100.0	0.0	0.0	2.66	6.7	e*
2 altro	12	91.7	0.0	8.3	2.53	5.1	e
3 Stago/STA	8	100.0	0.0	0.0	2.89	3.7	e

aPTT N



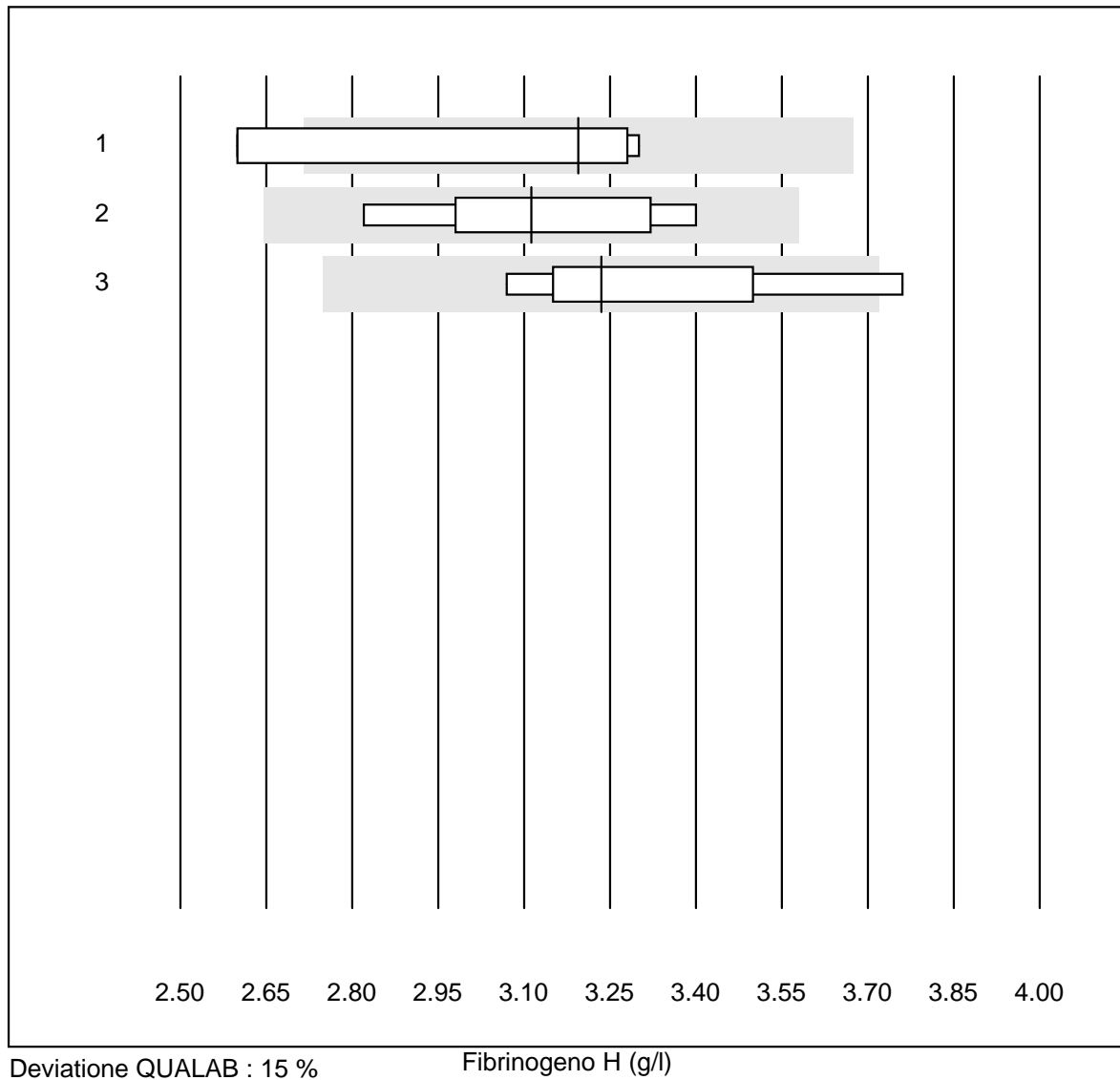
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Actin FS	8	100.0	0.0	0.0	27.1	7.0	e
2 altro	13	92.3	7.7	0.0	26.4	9.4	e
3 Stago/STA	7	100.0	0.0	0.0	31.9	3.6	e

Quick H



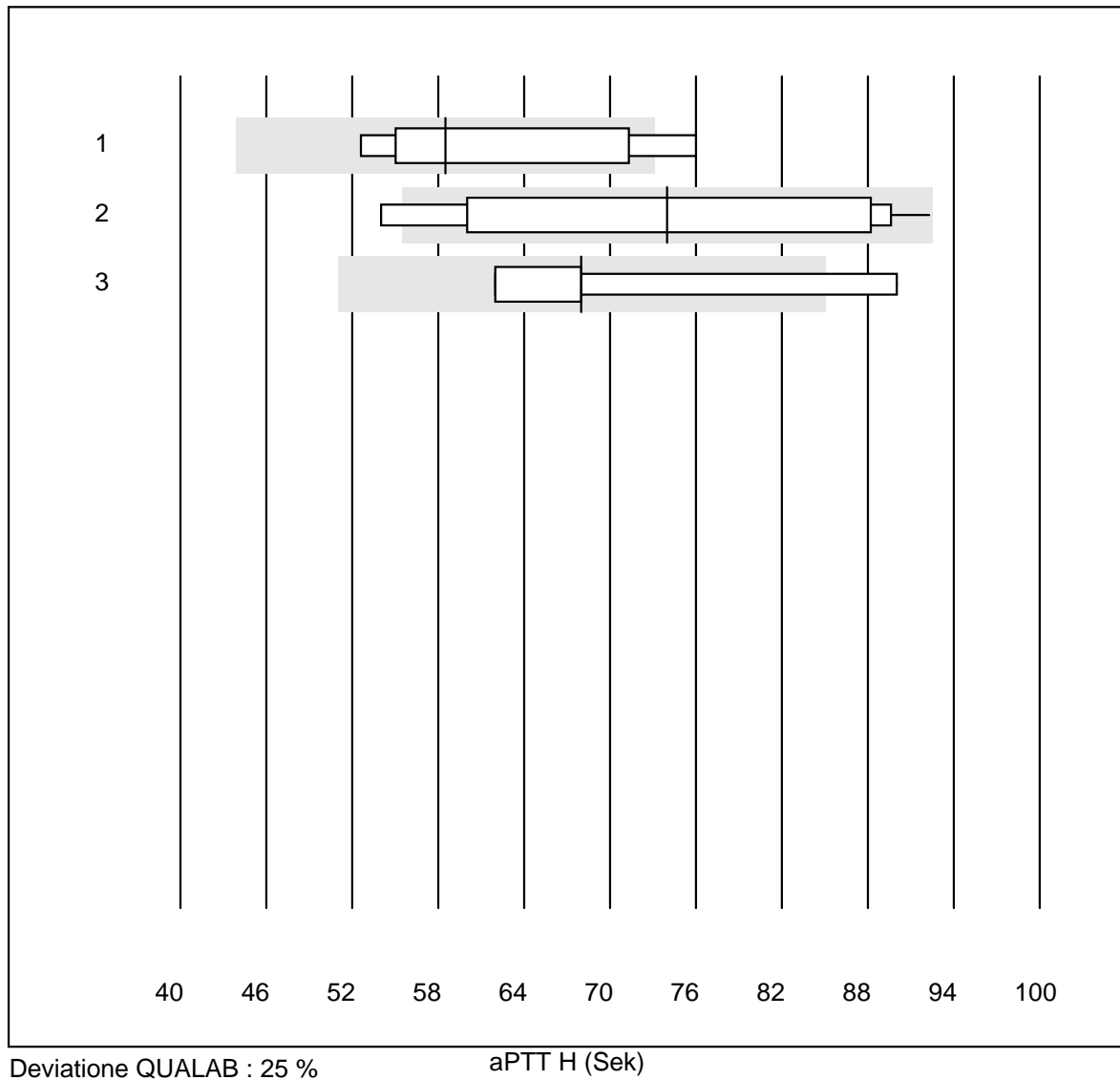
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Neoplastin R	5	100.0	0.0	0.0	96	3.1	e
2 Innovin	9	100.0	0.0	0.0	96	5.0	e
3 Recombiplastin 2G	5	100.0	0.0	0.0	100	3.3	e

Fibrinogeno H



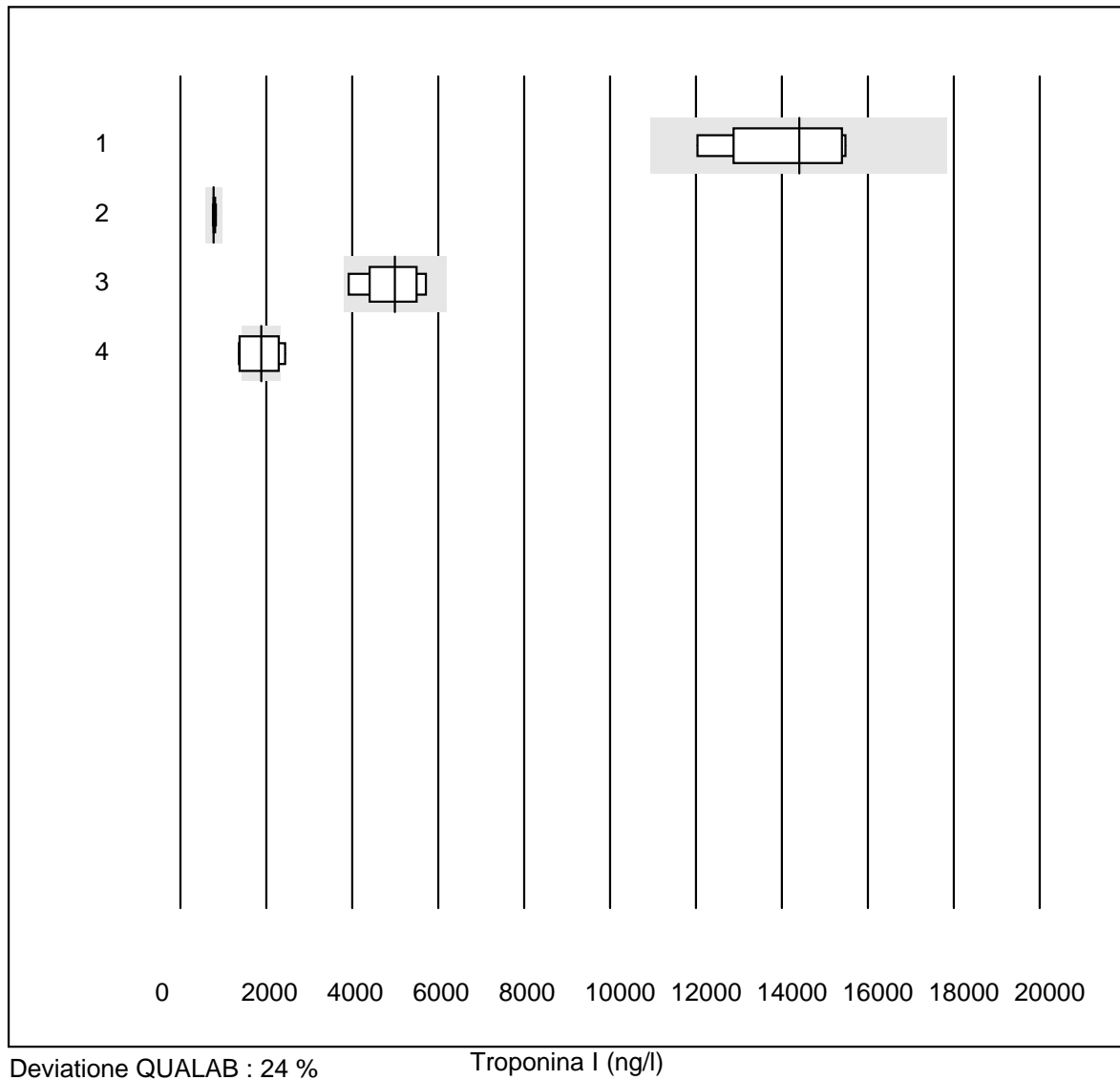
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Siemens Thrombin	4	75.0	25.0	0.0	3.20	10.6	e*
2 altro	10	100.0	0.0	0.0	3.11	6.4	e*
3 Stago/STA	6	83.3	16.7	0.0	3.24	7.8	e*

aPTT H



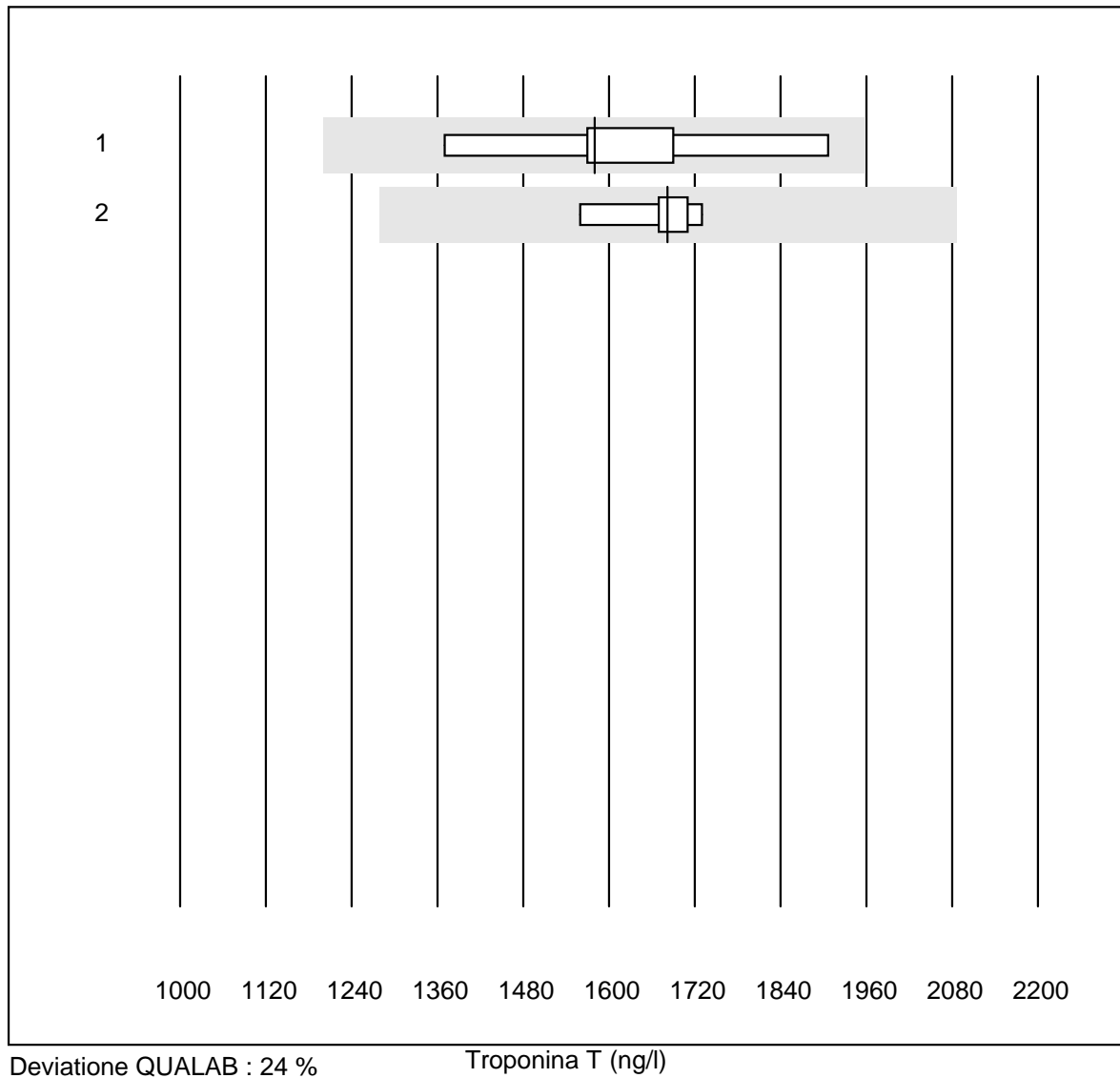
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Actin FS	7	85.7	14.3	0.0	58.5	13.9	e*
2 altro	10	90.0	10.0	0.0	74.0	18.8	e*
3 Stago/STA	5	60.0	20.0	20.0	68.0	18.2	e*

Troponina I



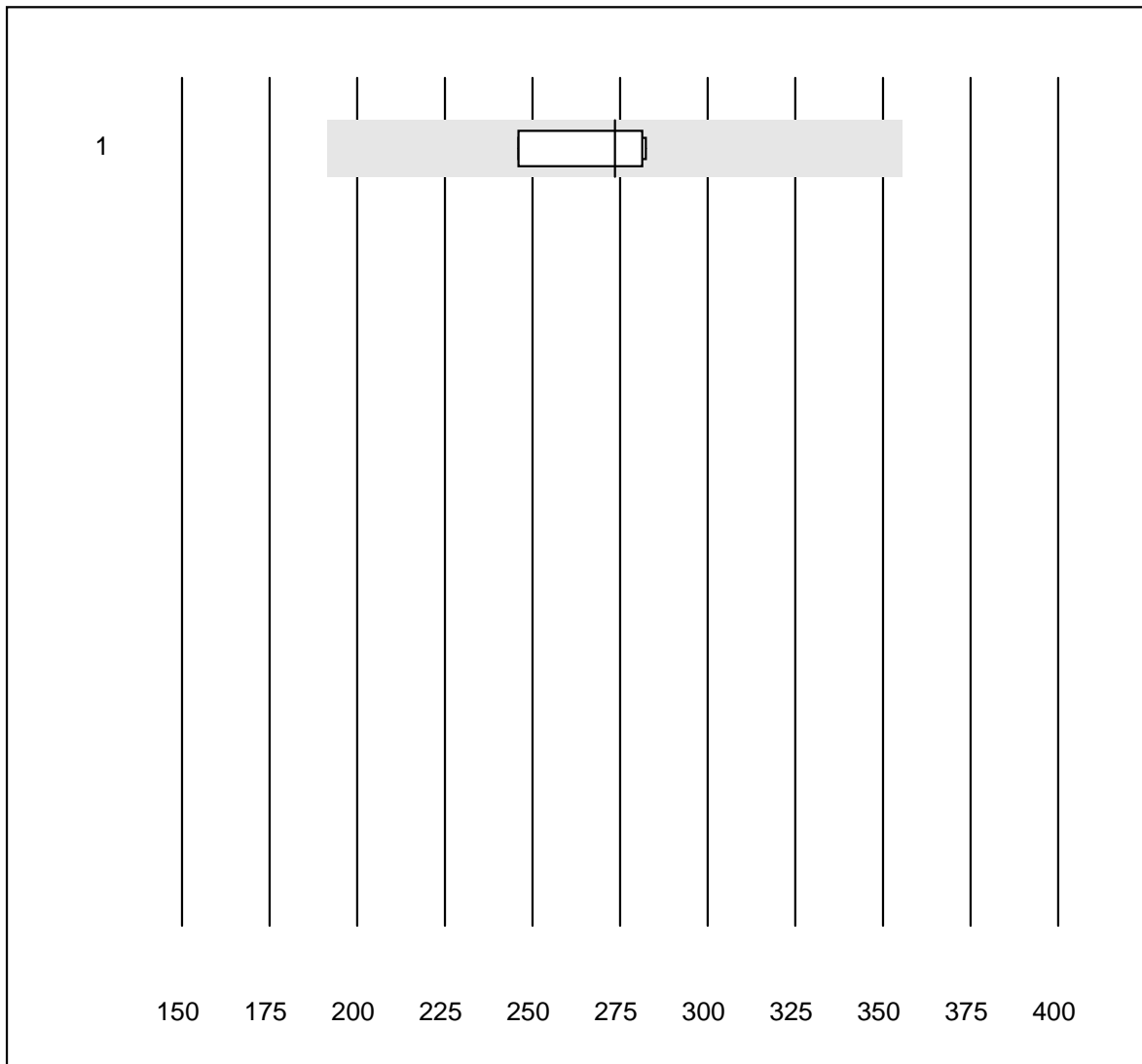
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Vidas	6	100.0	0.0	0.0	14395.0	9.9	e*
2 AQT 90 FLEX	5	100.0	0.0	0.0	780.0	3.8	e
3 ADVIA Centaur XP/CP	6	100.0	0.0	0.0	4992.5	14.2	e*
4 Eurolyser	13	38.4	30.8	30.8	1877.0	24.0	e*

Troponina T



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas hs	5	100.0	0.0	0.0	1580.00	12.1	e*
2 Cobas hs STAT	6	100.0	0.0	0.0	1682.00	3.6	e

Mioglobina

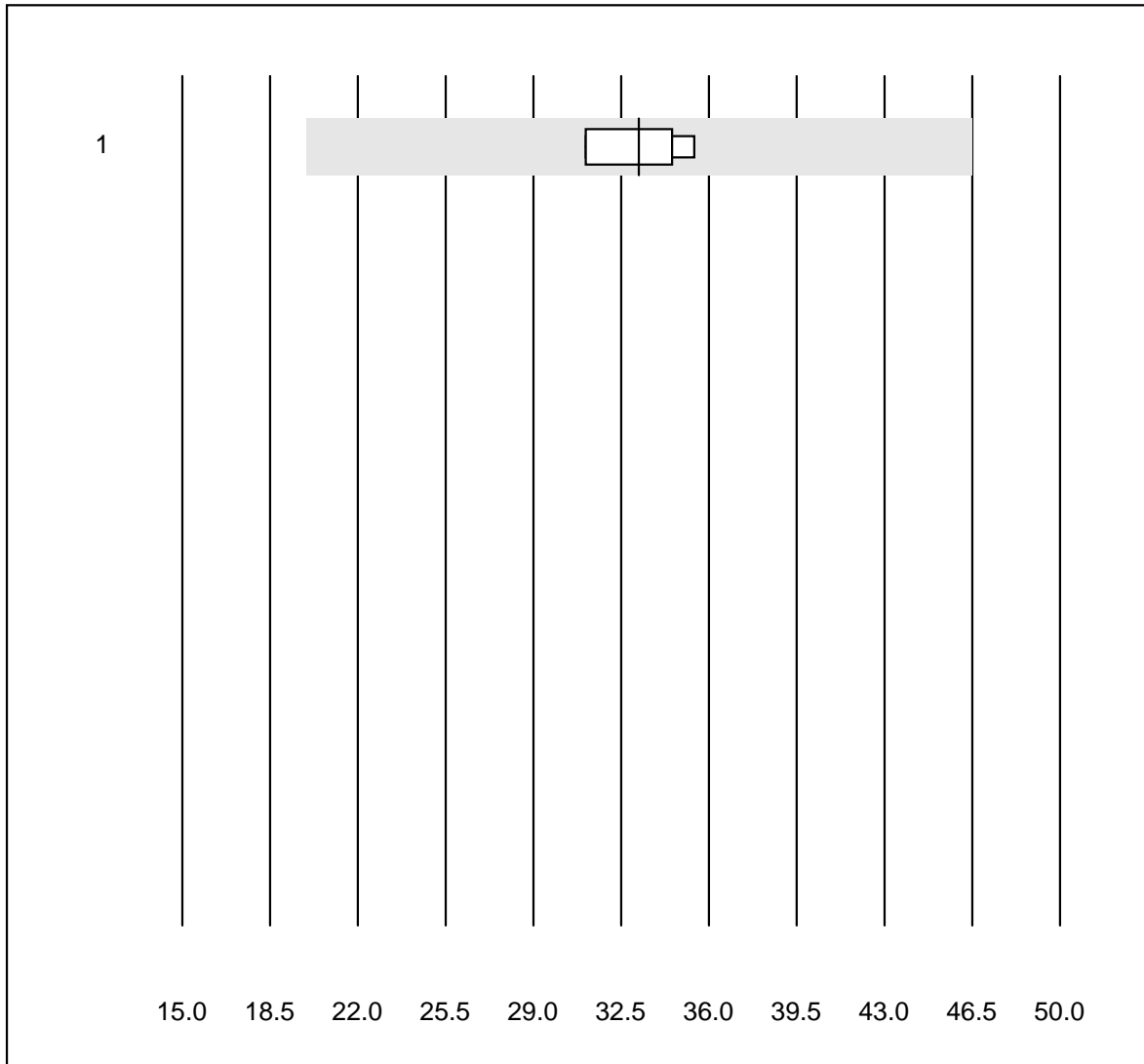


Deviazione QUALAB : 30 %

Mioglobina (µg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	4	100.0	0.0	0.0	273.6	6.3	e

CK-MB massa

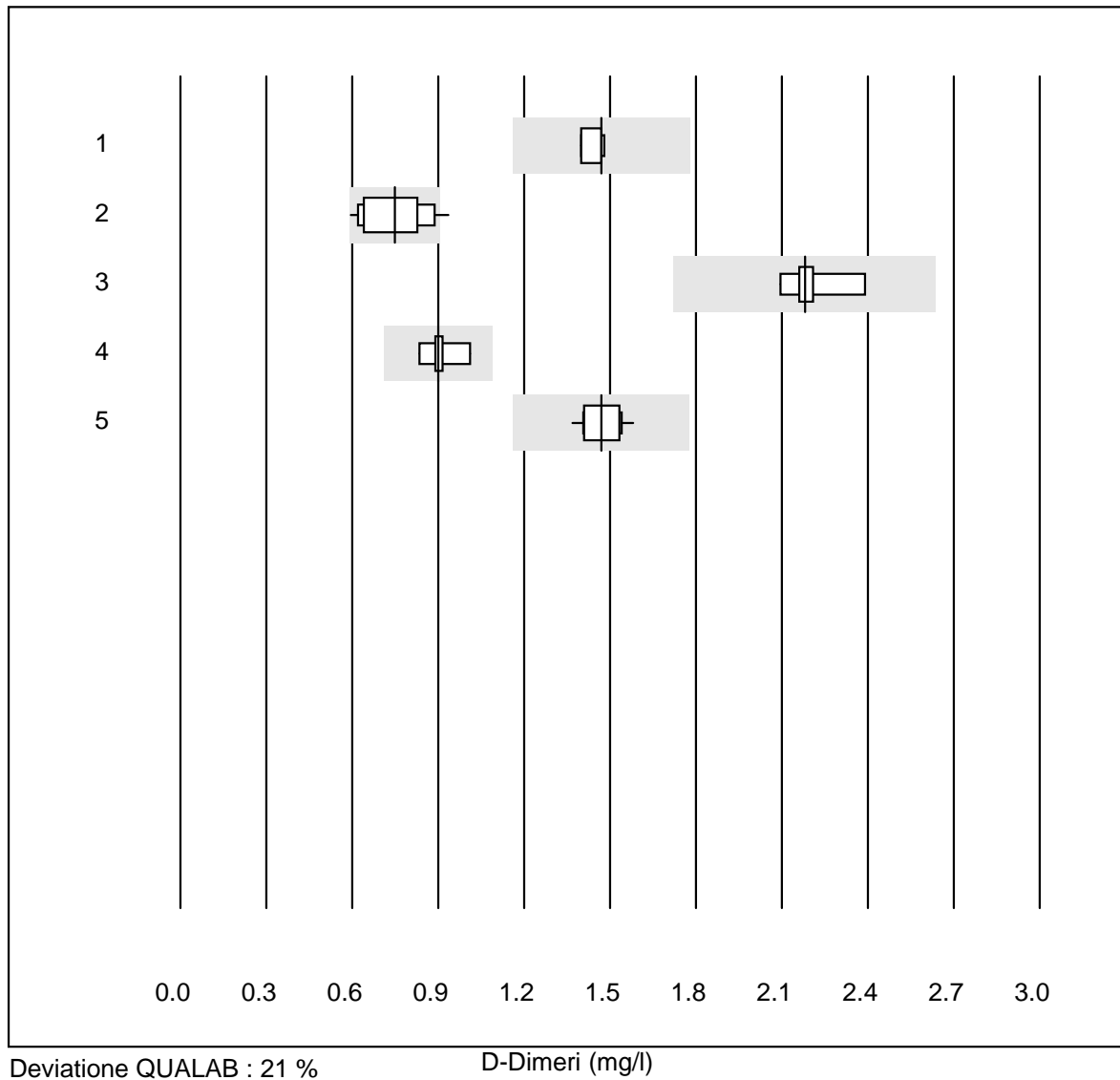


Deviazione QUALAB : 40 %

CK-MB massa (µg/l)

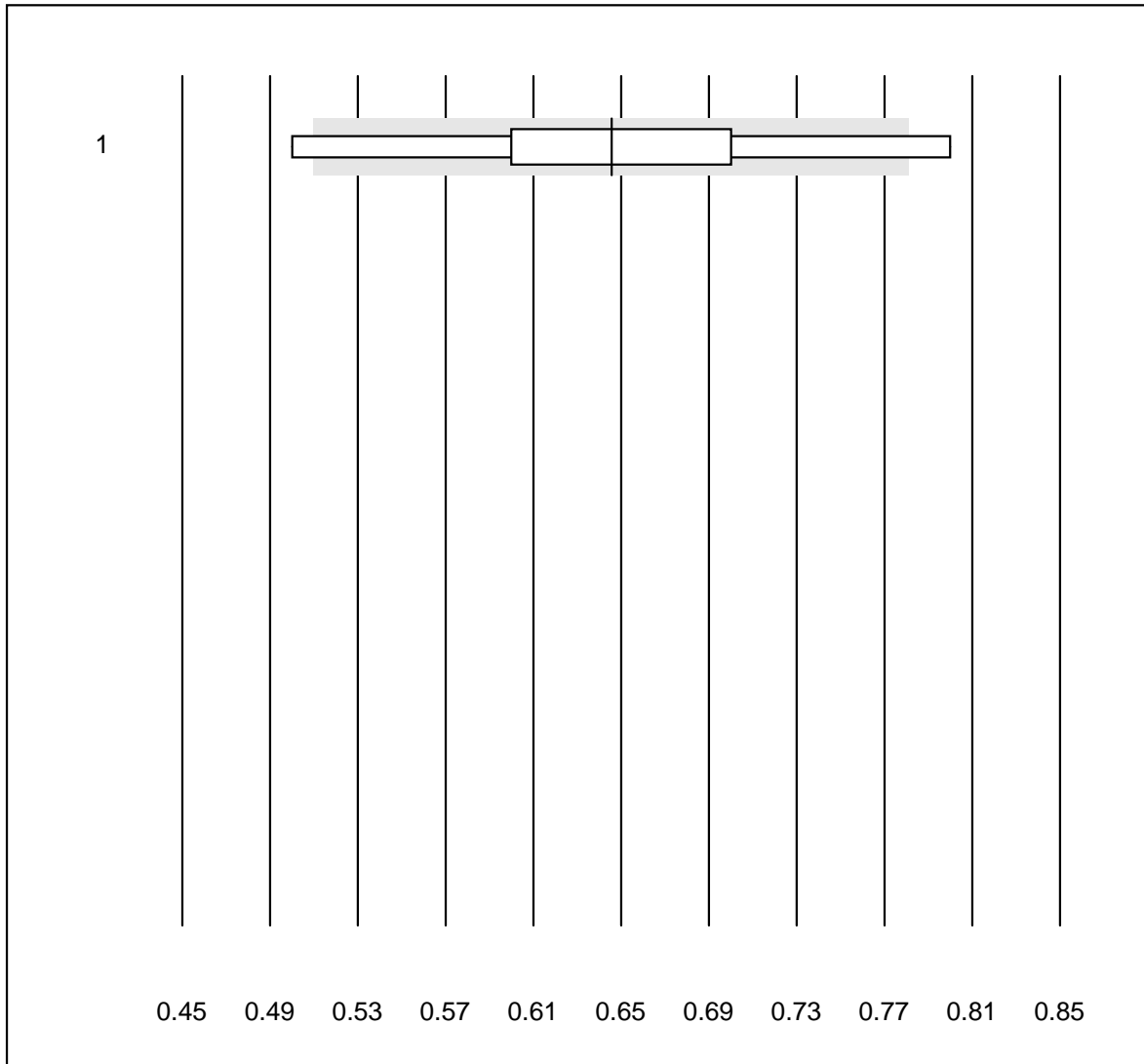
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 altro	4	100.0	0.0	0.0	33.2	6.2	e

D-Dimeri



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 STA Liatest	8	87.5	0.0	12.5	1.47	2.3	e
2 Eurolyser	27	81.5	3.7	14.8	0.75	13.0	e
3 ACL	5	100.0	0.0	0.0	2.18	5.0	e
4 AQT 90 FLEX	6	100.0	0.0	0.0	0.90	6.3	e*
5 Vidas	11	100.0	0.0	0.0	1.47	4.5	e

D-Dimeri NC

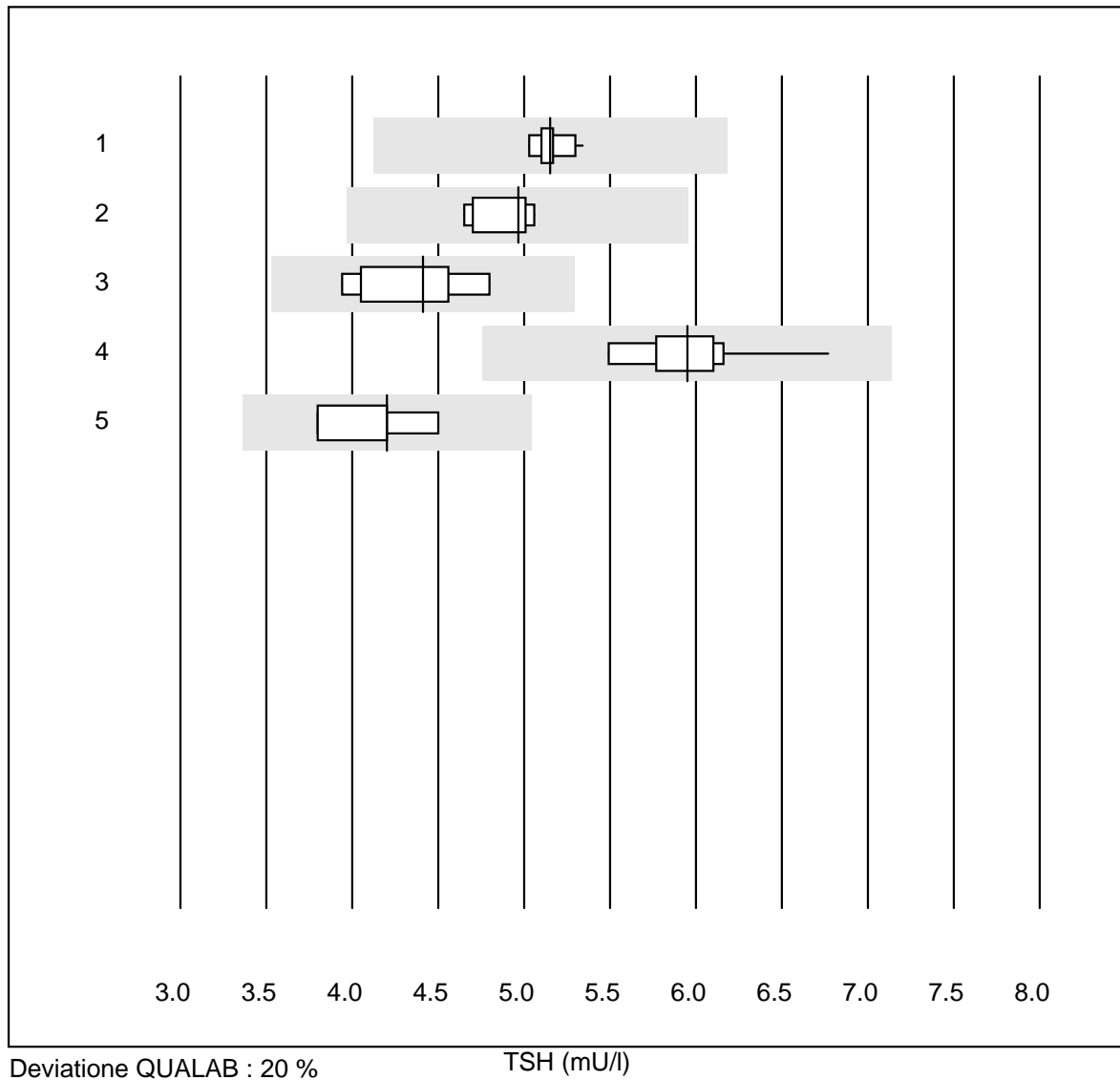


Deviazione QUALAB : 21 %

D-Dimeri NC (mg/l)

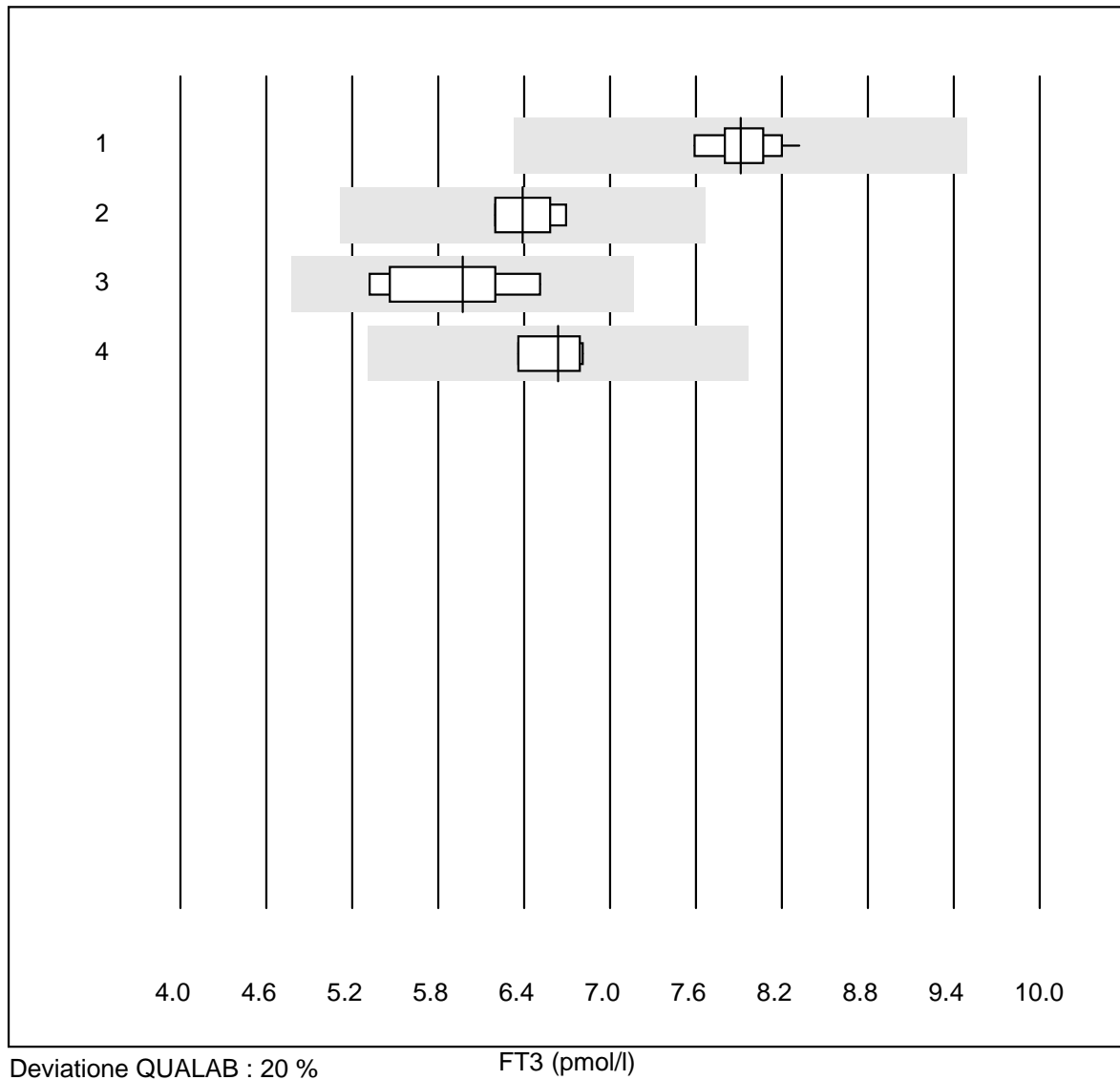
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 NycoCard	35	40.0	22.9	37.1	0.65	15.7	e*

TSH



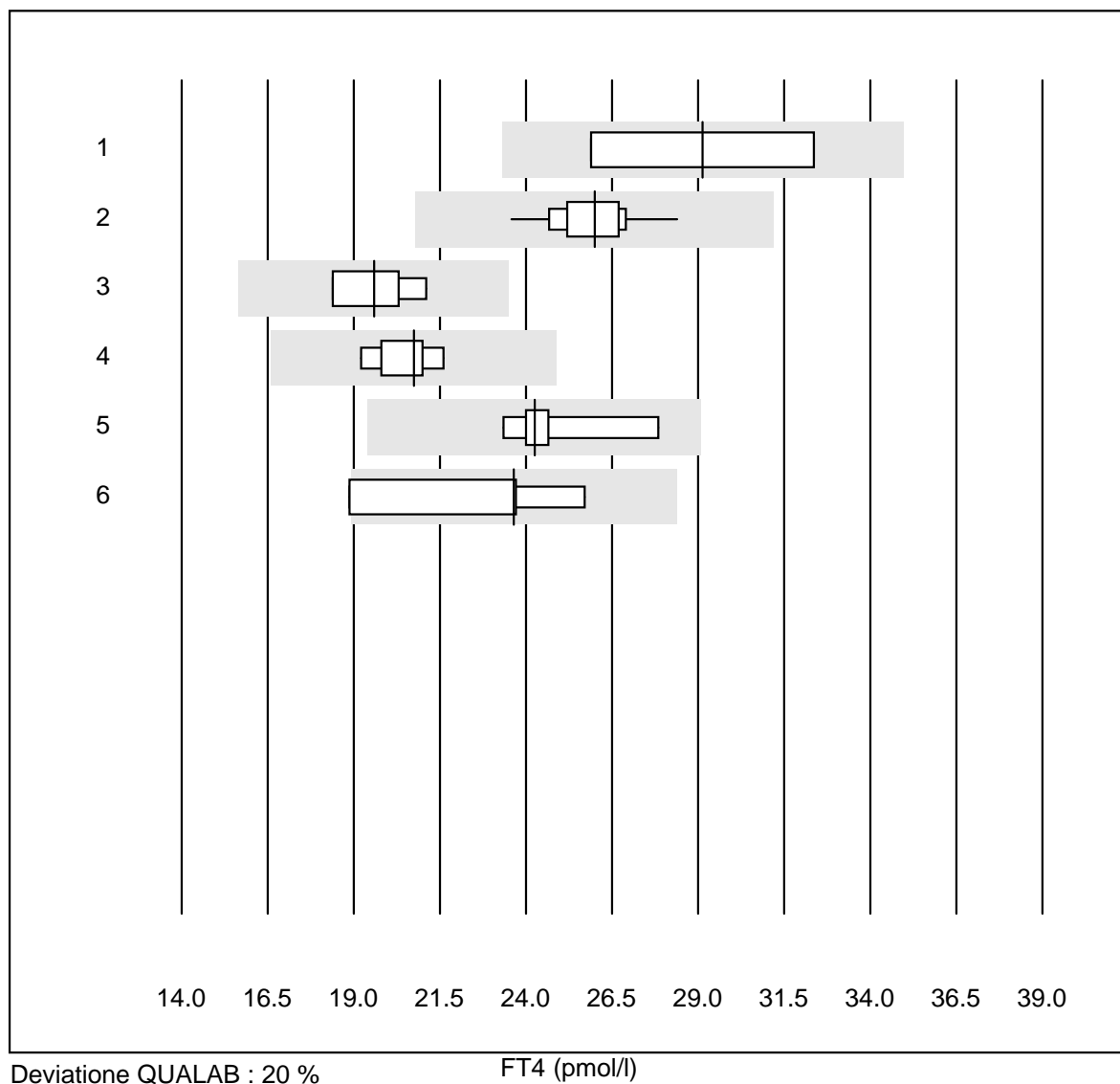
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	10	100.0	0.0	0.0	5.2	1.9	e
2 ADVIA Centaur XP/CP	5	100.0	0.0	0.0	5.0	3.9	e
3 Architect	8	100.0	0.0	0.0	4.4	6.7	e
4 Vidas	10	100.0	0.0	0.0	5.9	6.2	e
5 Qualigen	5	80.0	0.0	20.0	4.2	7.0	e*

FT3



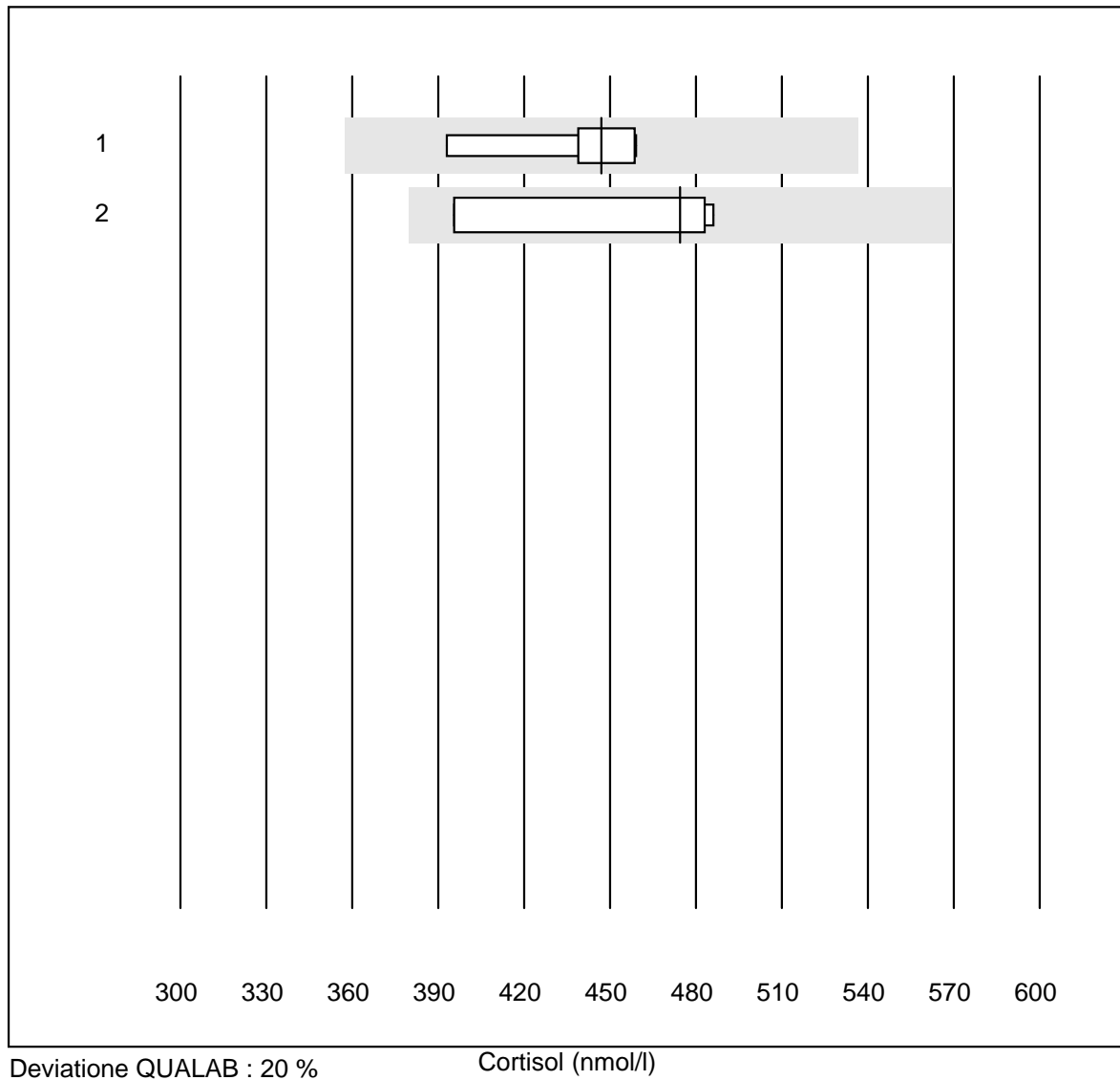
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	10	100.0	0.0	0.0	7.9	3.0	e
2 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	6.4	4.0	e
3 Architect	7	100.0	0.0	0.0	6.0	7.1	e*
4 Vidas	4	100.0	0.0	0.0	6.6	3.4	e

FT4



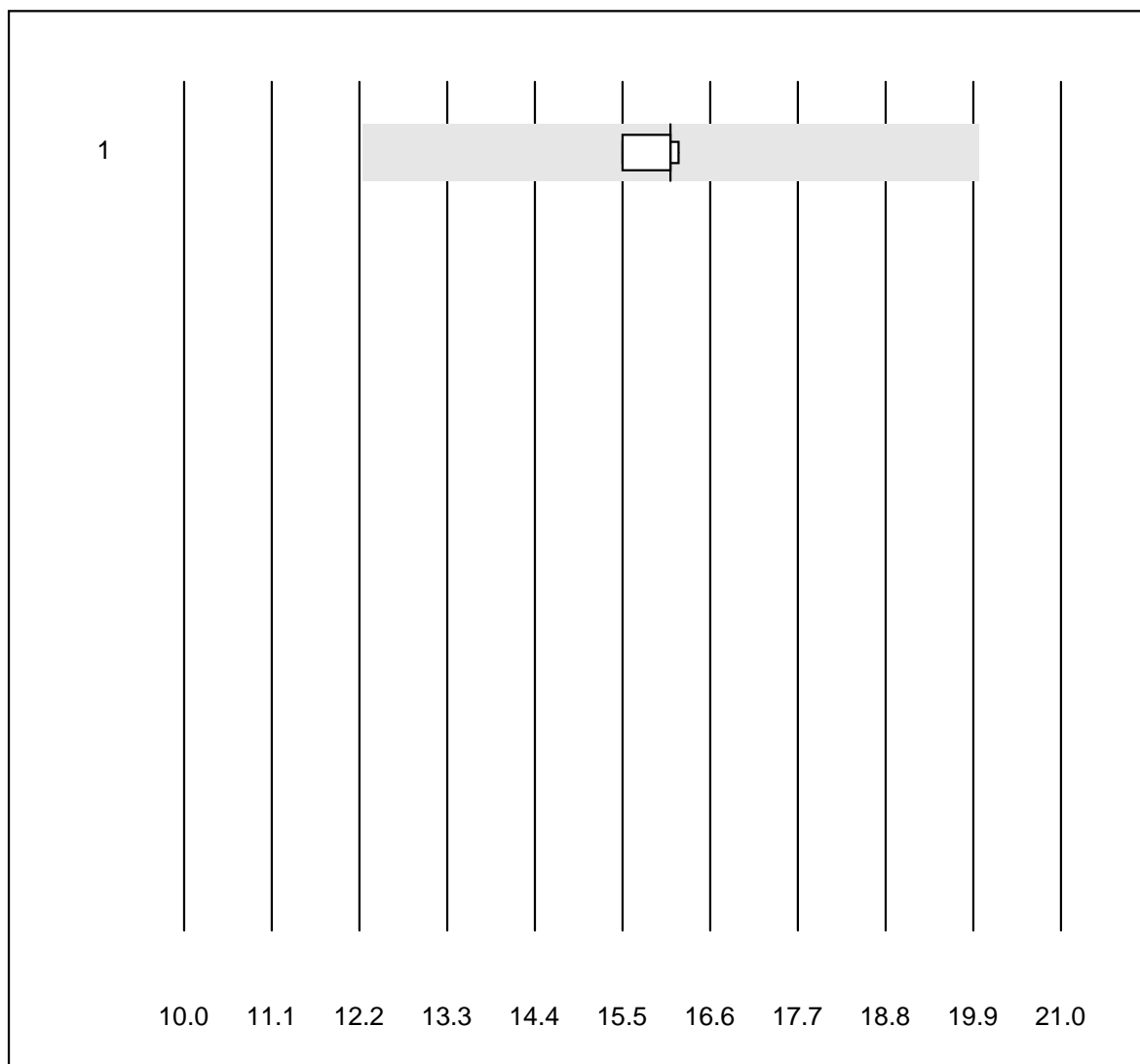
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Qualigen	4	75.0	0.0	25.0	29.1	13.3	e*
2 Cobas E / Elecsys	11	100.0	0.0	0.0	26.0	4.8	e
3 ADVIA Centaur XP	4	100.0	0.0	0.0	19.6	6.4	e*
4 Architect	8	100.0	0.0	0.0	20.7	3.8	e
5 Vidas	6	100.0	0.0	0.0	24.2	6.5	e*
6 altro	4	75.0	25.0	0.0	23.7	12.6	e*

Cortisol



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	7	100.0	0.0	0.0	447	5.2	e
2 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	475	9.2	e*

Luteinisierendes Hormon

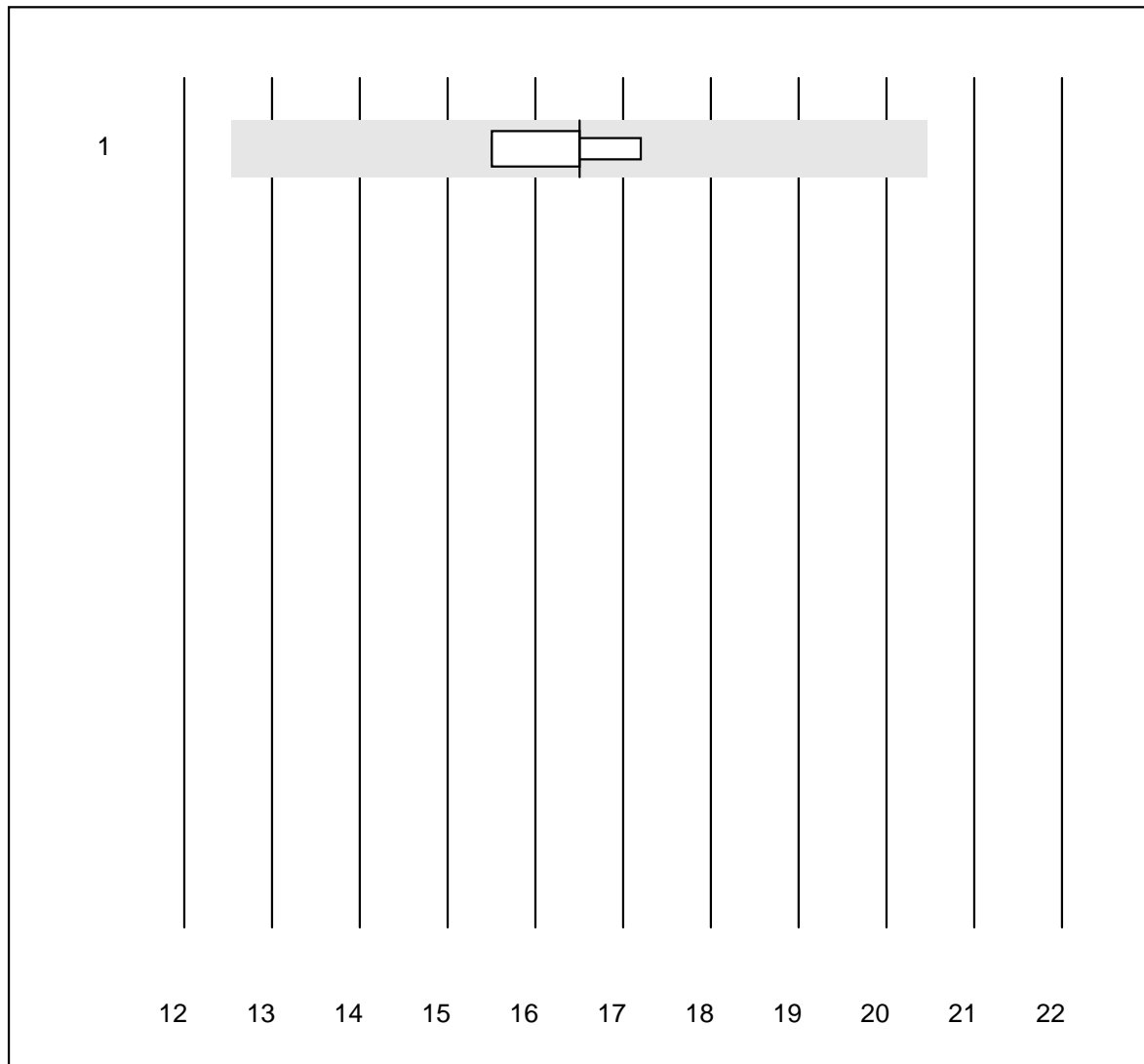


Deviazione QUALAB : 24 %

Luteinisierendes Hormon (U/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	16.1	2.0	e

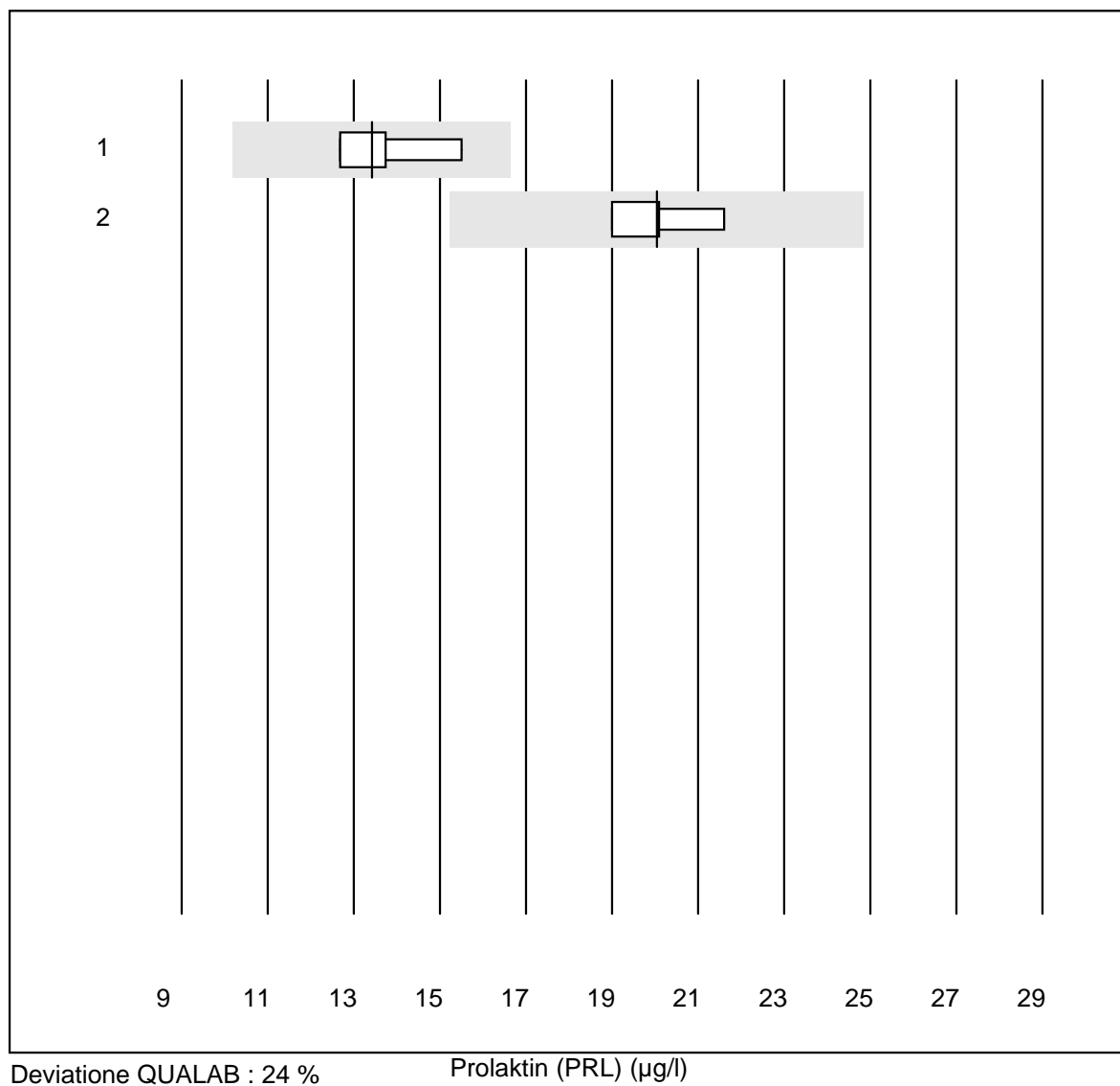
Follikelstimulierendes Hormon



Deviazione QUALAB : 24 % Follikelstimulierendes Hormon (U/l)

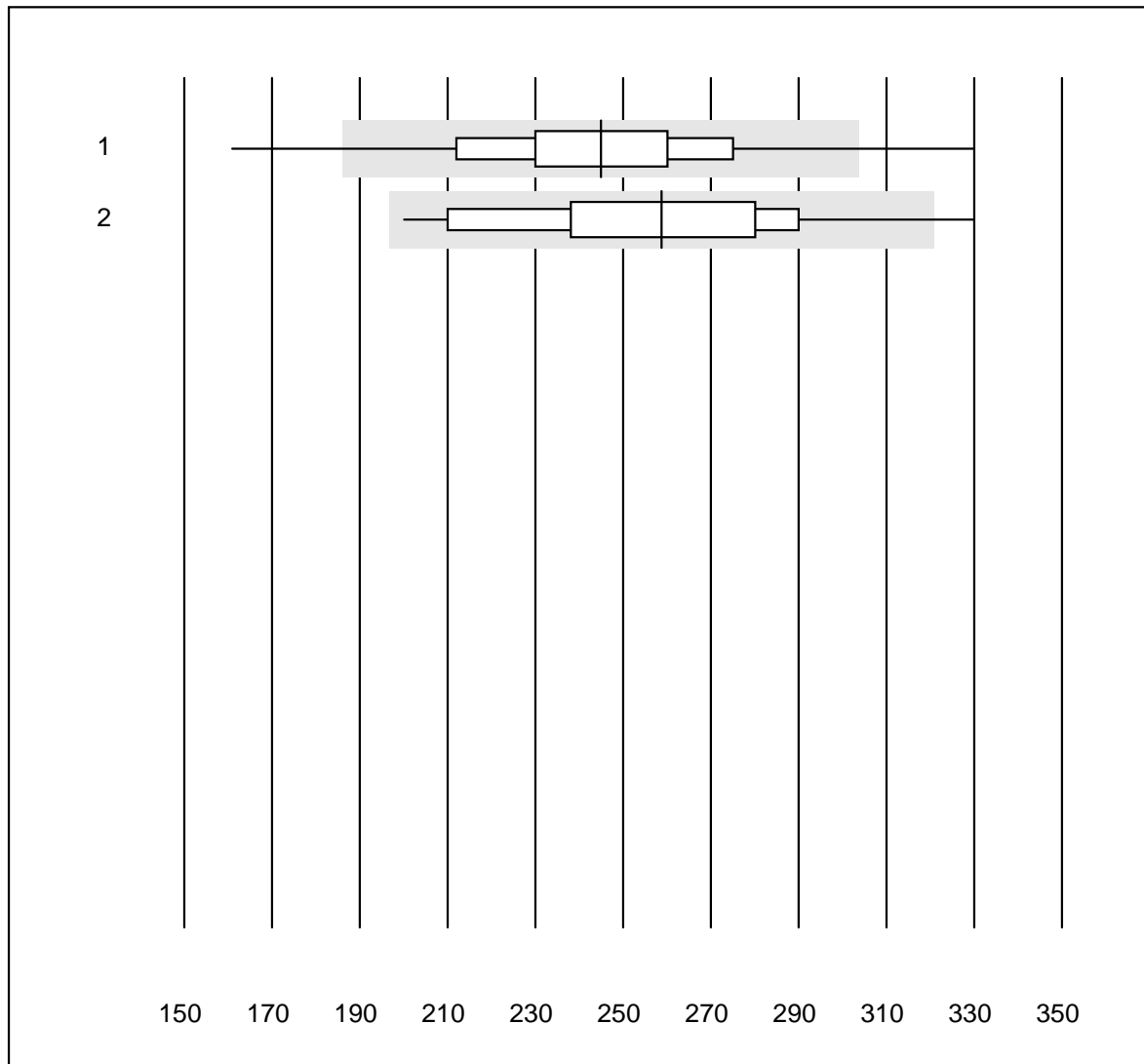
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	16.5	4.3	e

Prolaktin (PRL)



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	13.4	9.0	e*
2 Cobas/Roche	4	100.0	0.0	0.0	20.0	5.3	e

Troponina T CR

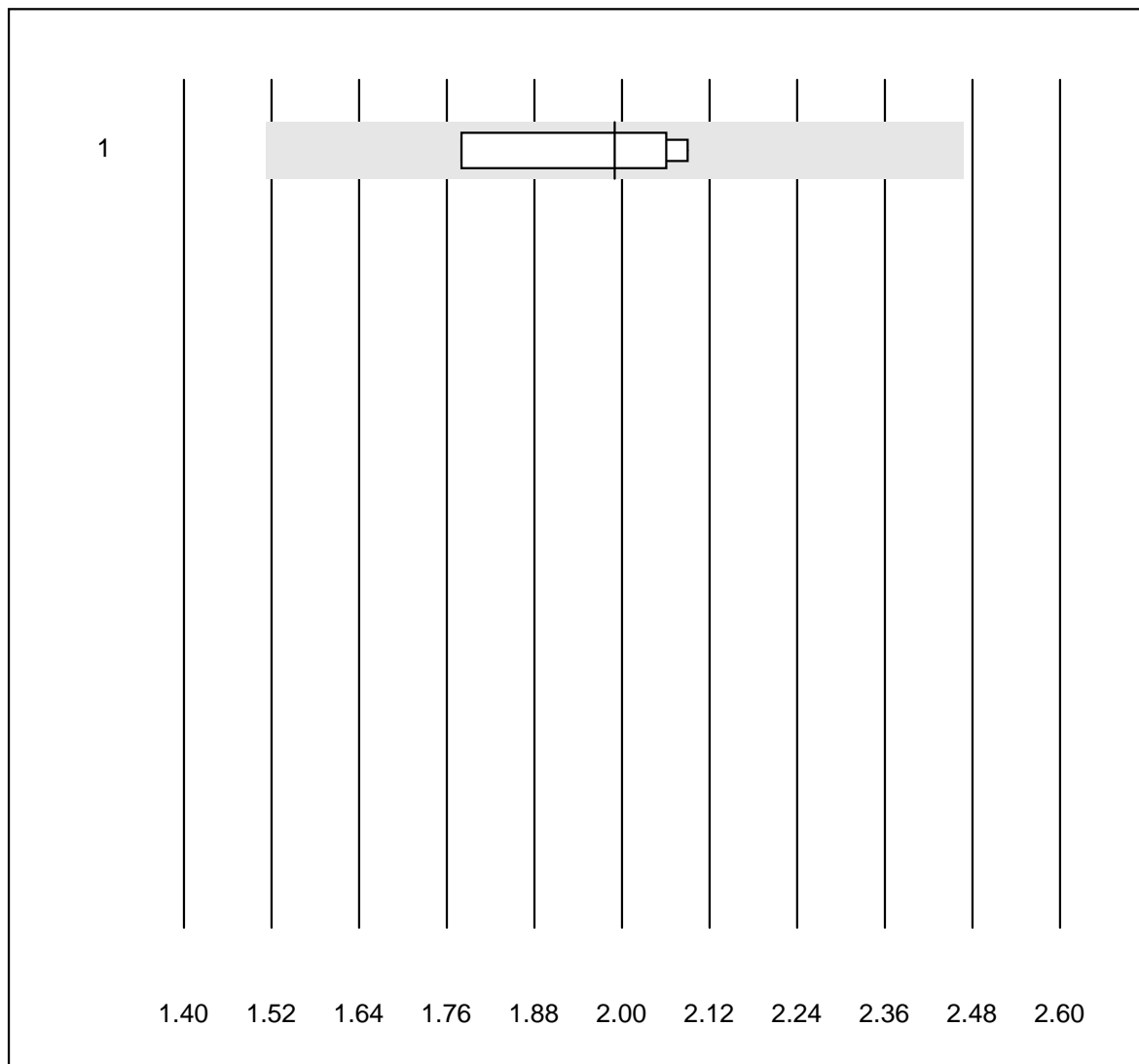


Deviazione QUALAB : 24 %

Troponina T CR (ng/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas h 232	782	97.1	2.3	0.6	244.93	10.0	e
2 Cardiac Reader	58	96.6	1.7	1.7	258.75	12.4	e

Troponina I WB

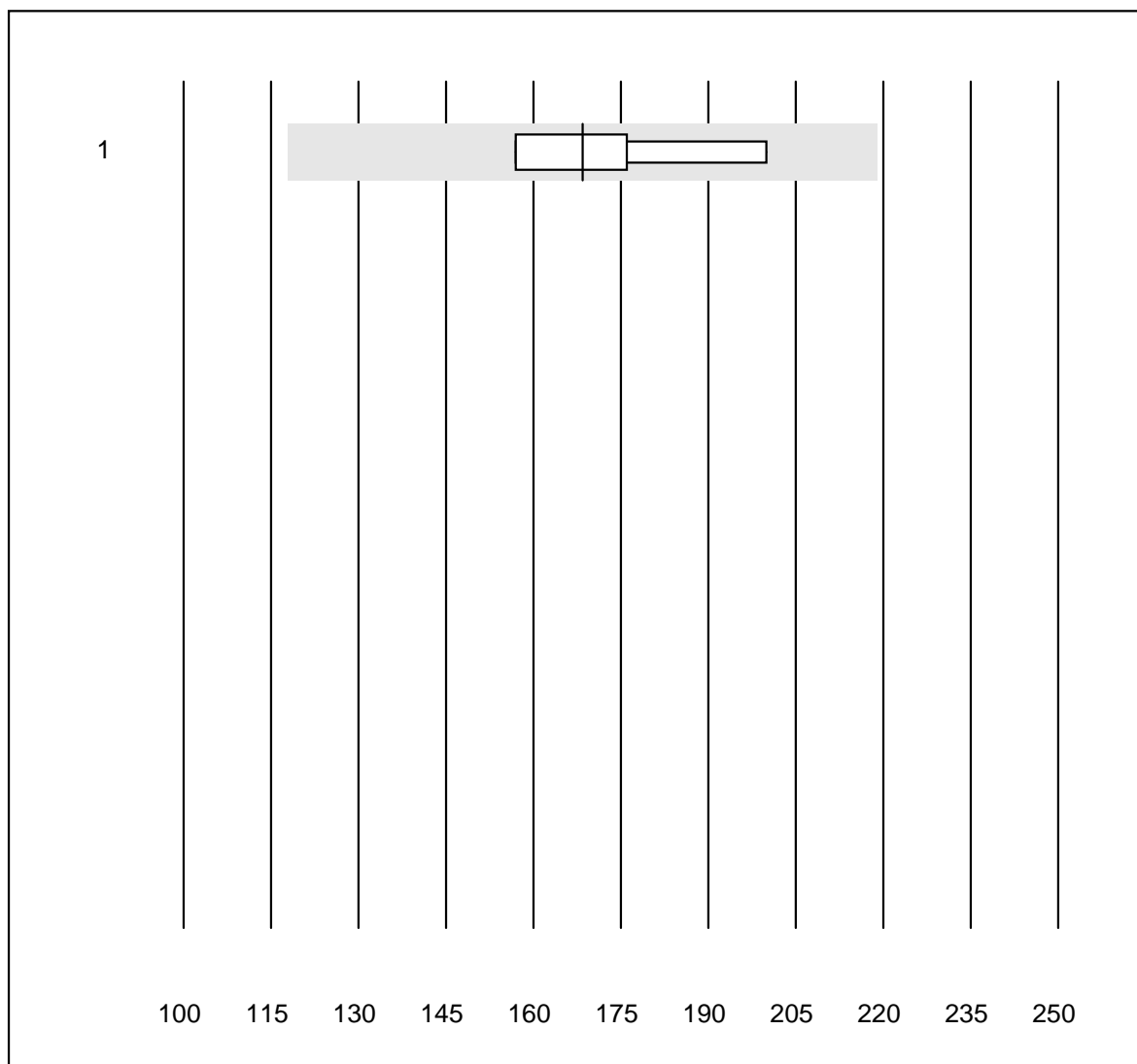


Deviazione QUALAB : 24 %

Troponina I WB (µg/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 iStat	4	100.0	0.0	0.0	1.99	7.3	e*

Mioglobina CR

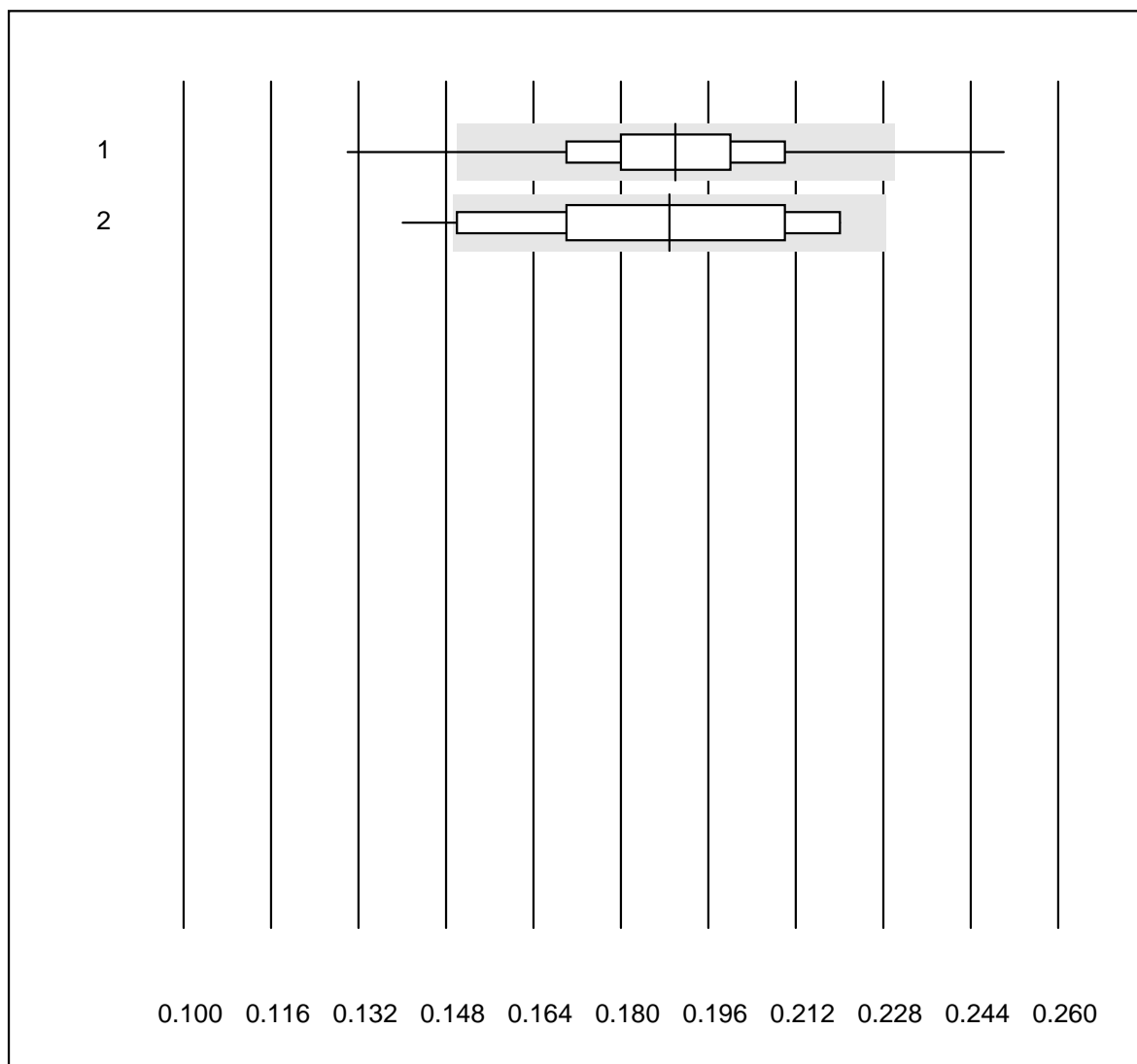


Deviazione QUALAB : 30 %

Mioglobina CR (µg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas h 232	4	100.0	0.0	0.0	168.5	11.2	e*

D-Dimeri CR

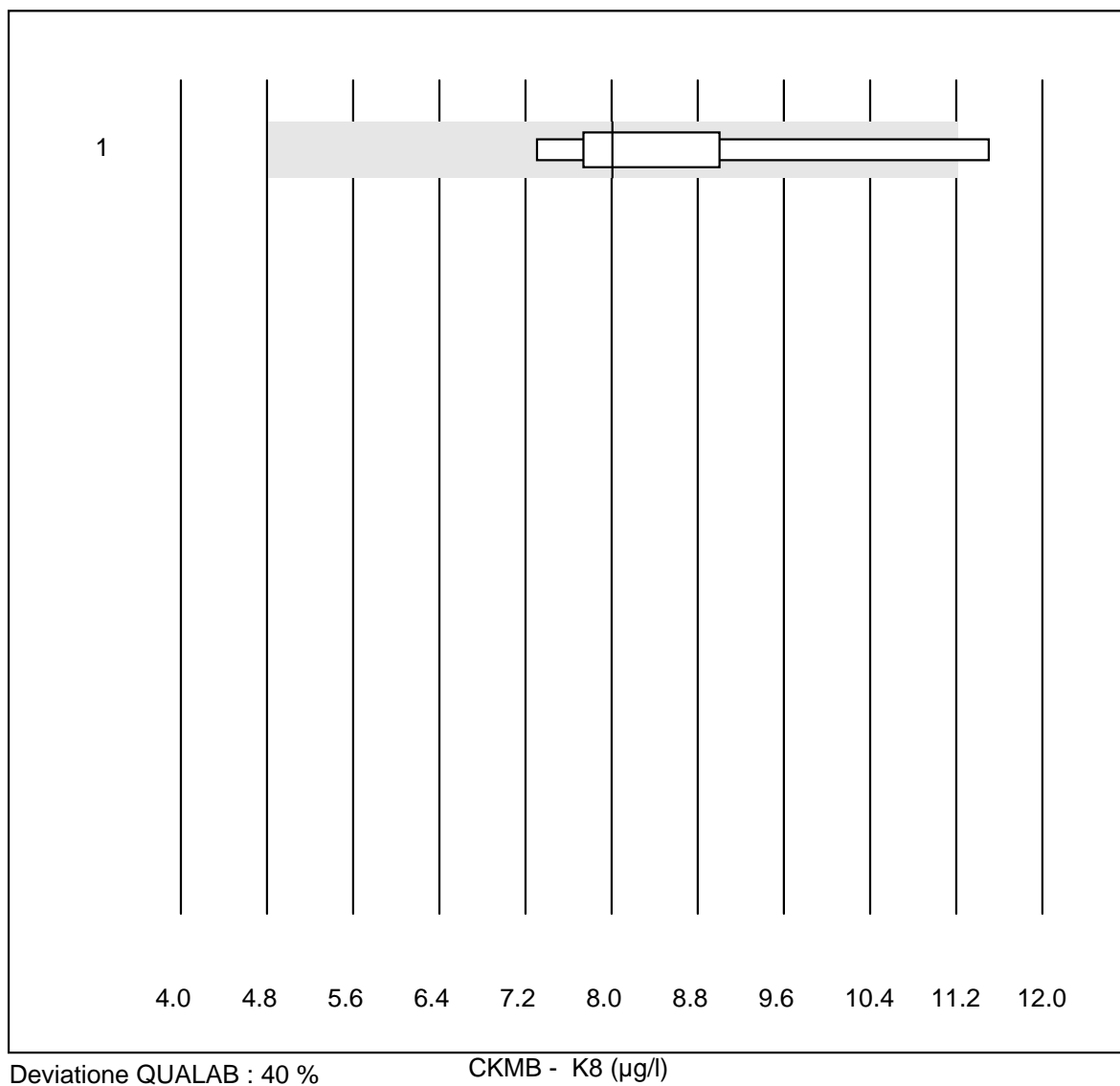


Deviazione QUALAB : 21 %

D-Dimeri CR (mg/l)

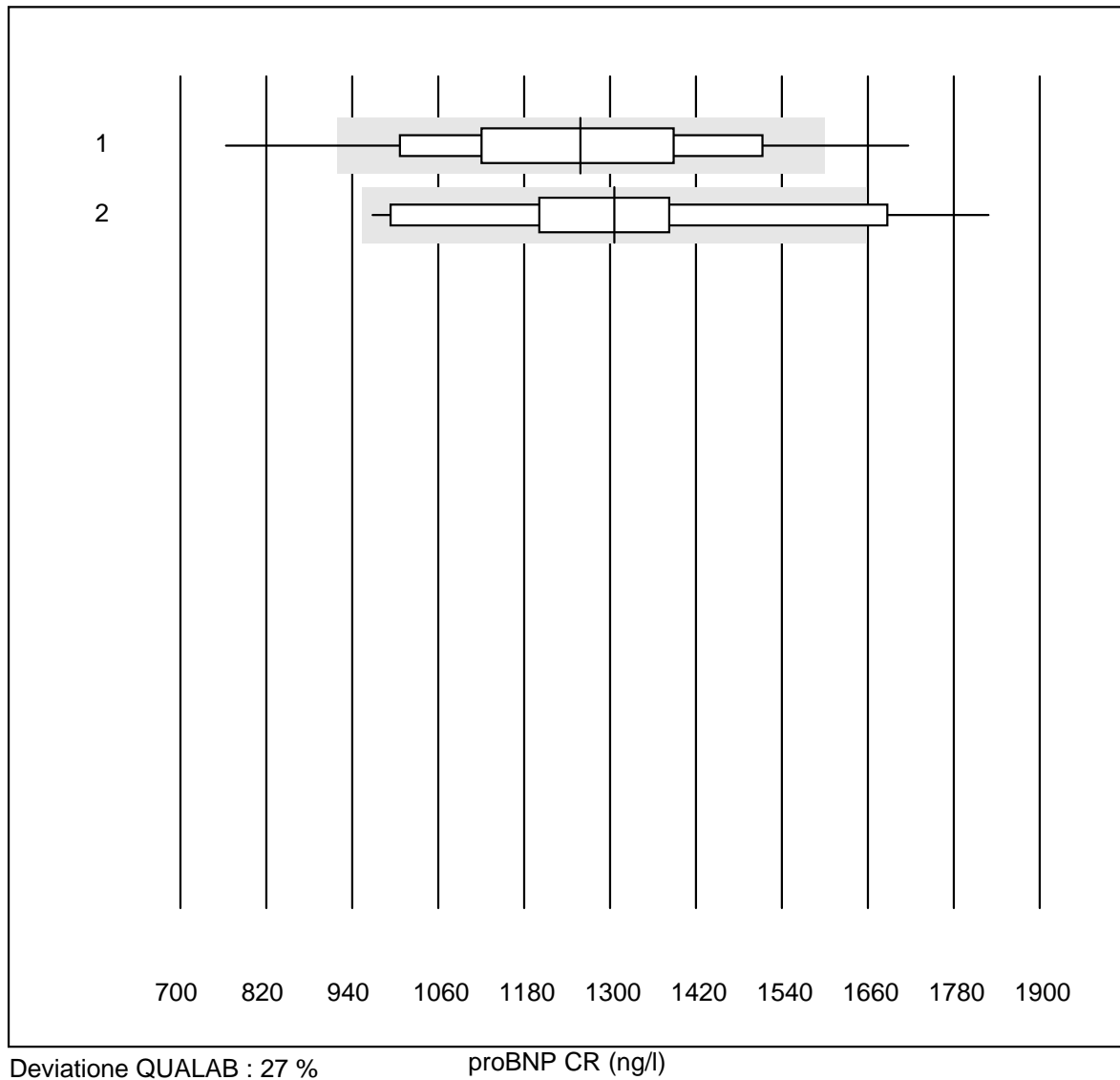
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas h 232	810	93.2	5.1	1.7	0.19	9.5	e
2 Cardiac Reader	51	90.2	3.9	5.9	0.19	12.5	e

CKMB - K8



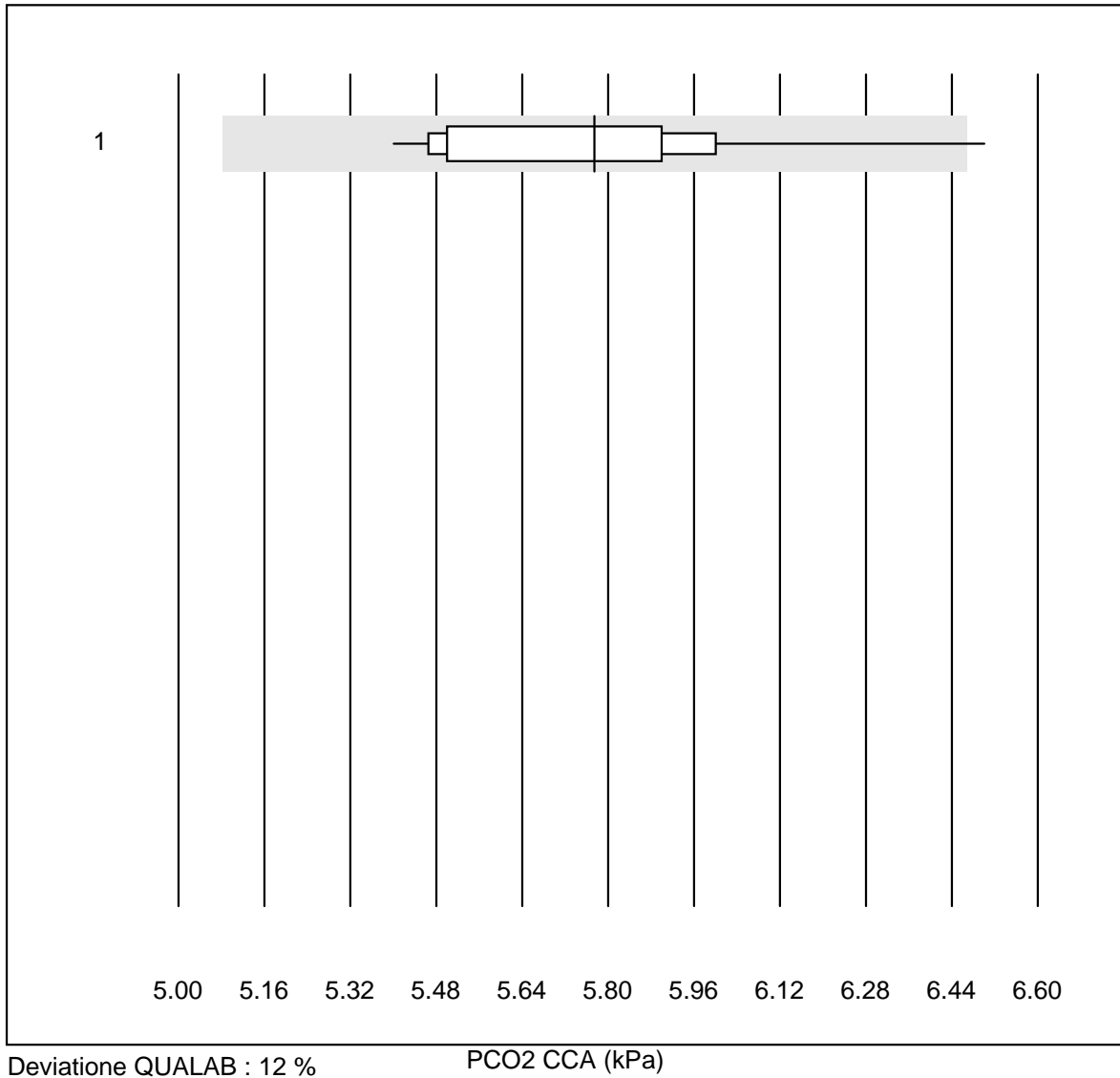
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas h 232	9	88.9	11.1	0.0	8.0	16.6	e*

proBNP CR



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas h 232	506	91.3	5.5	3.2	1259	15.0	e
2 Cardiac Reader	17	76.4	11.8	11.8	1307	18.1	e*

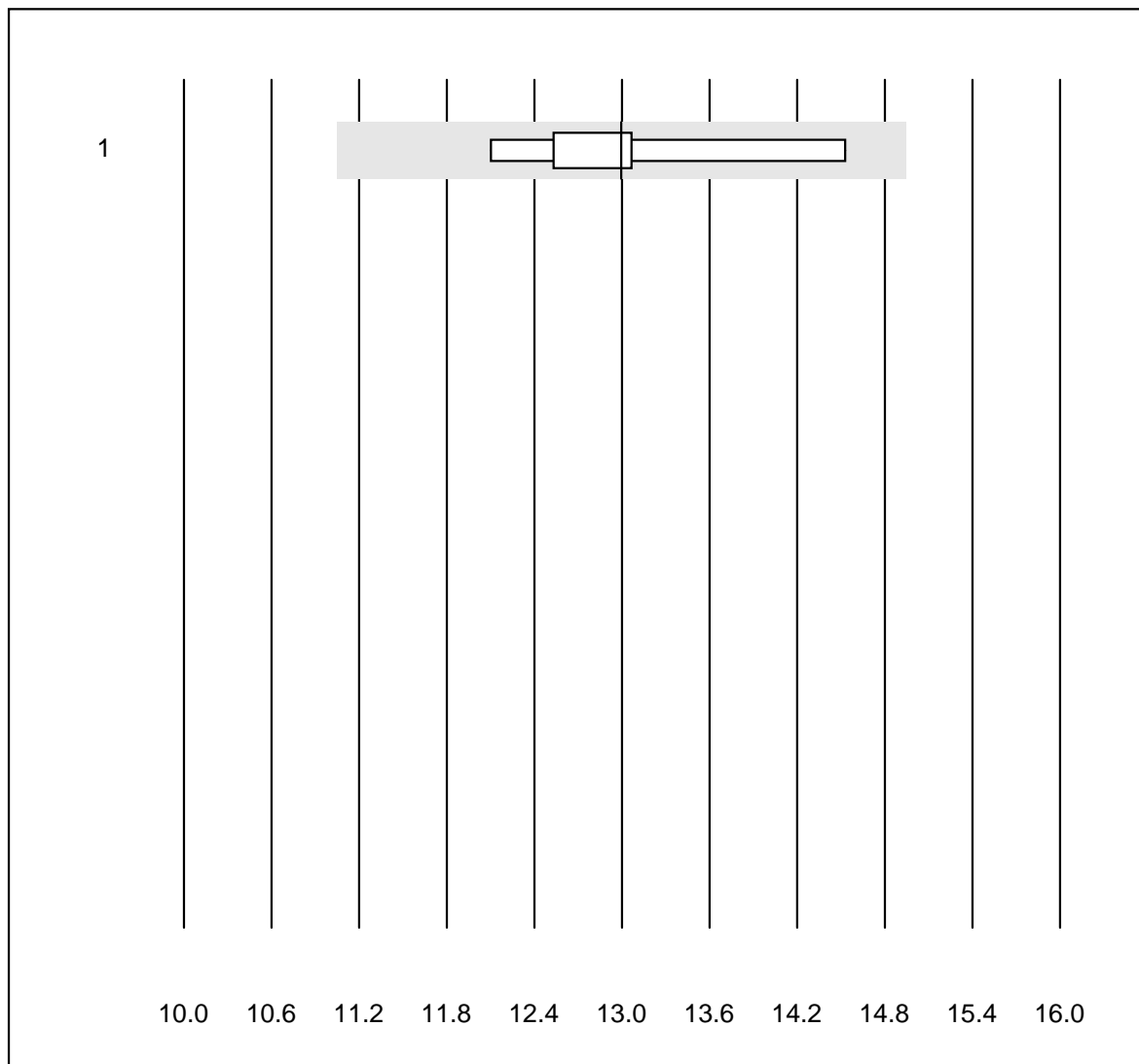
PCO2 CCA



Deviazione QUALAB : 12 %

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 OPTI CCA	11	90.9	9.1	0.0	5.77	5.4	e*

PO2 CCA

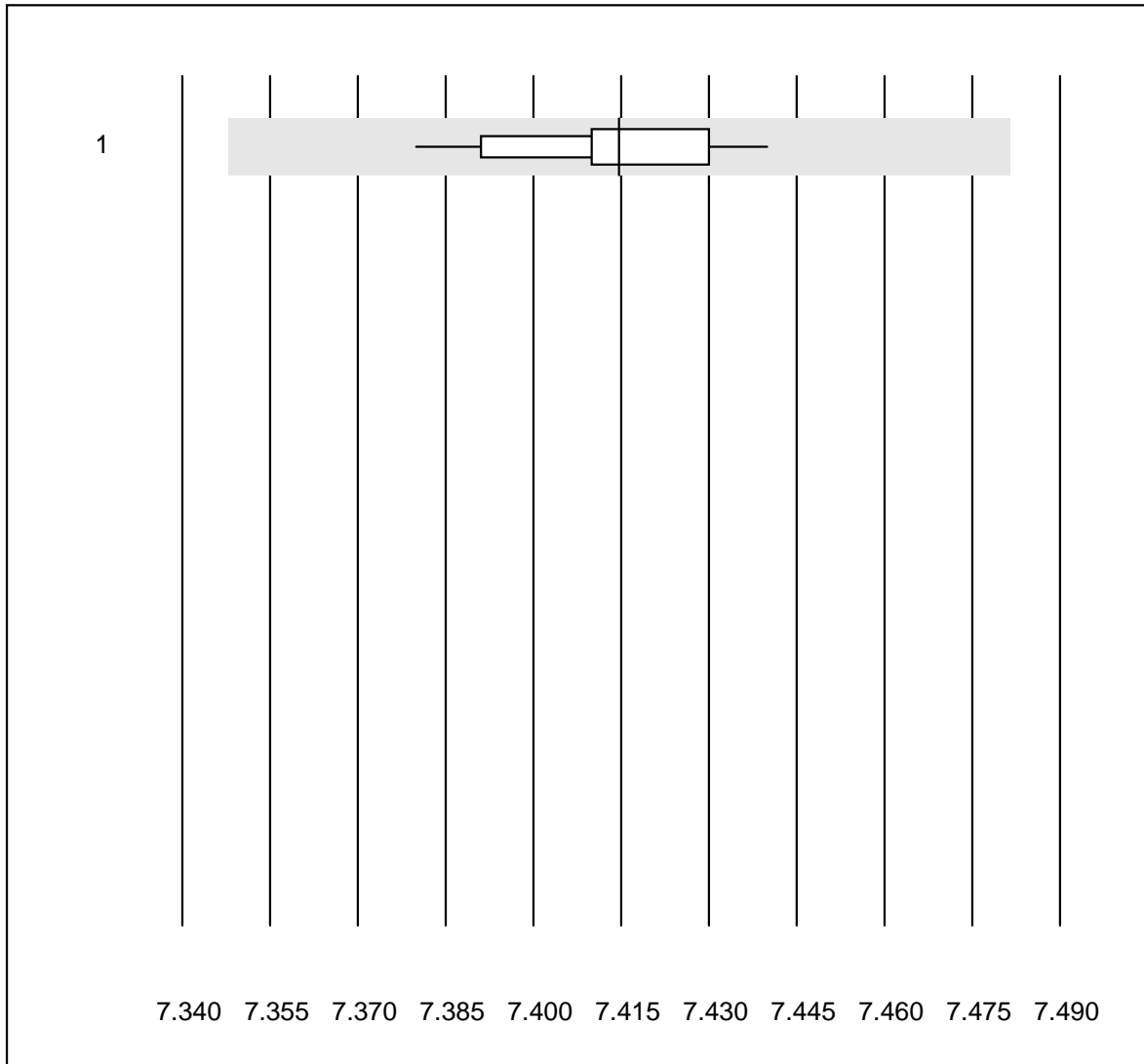


Deviazione QUALAB : 15 %

PO2 CCA (kPa)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 OPTI CCA	11	81.8	0.0	18.2	13.00	6.5	e*

pH CCA

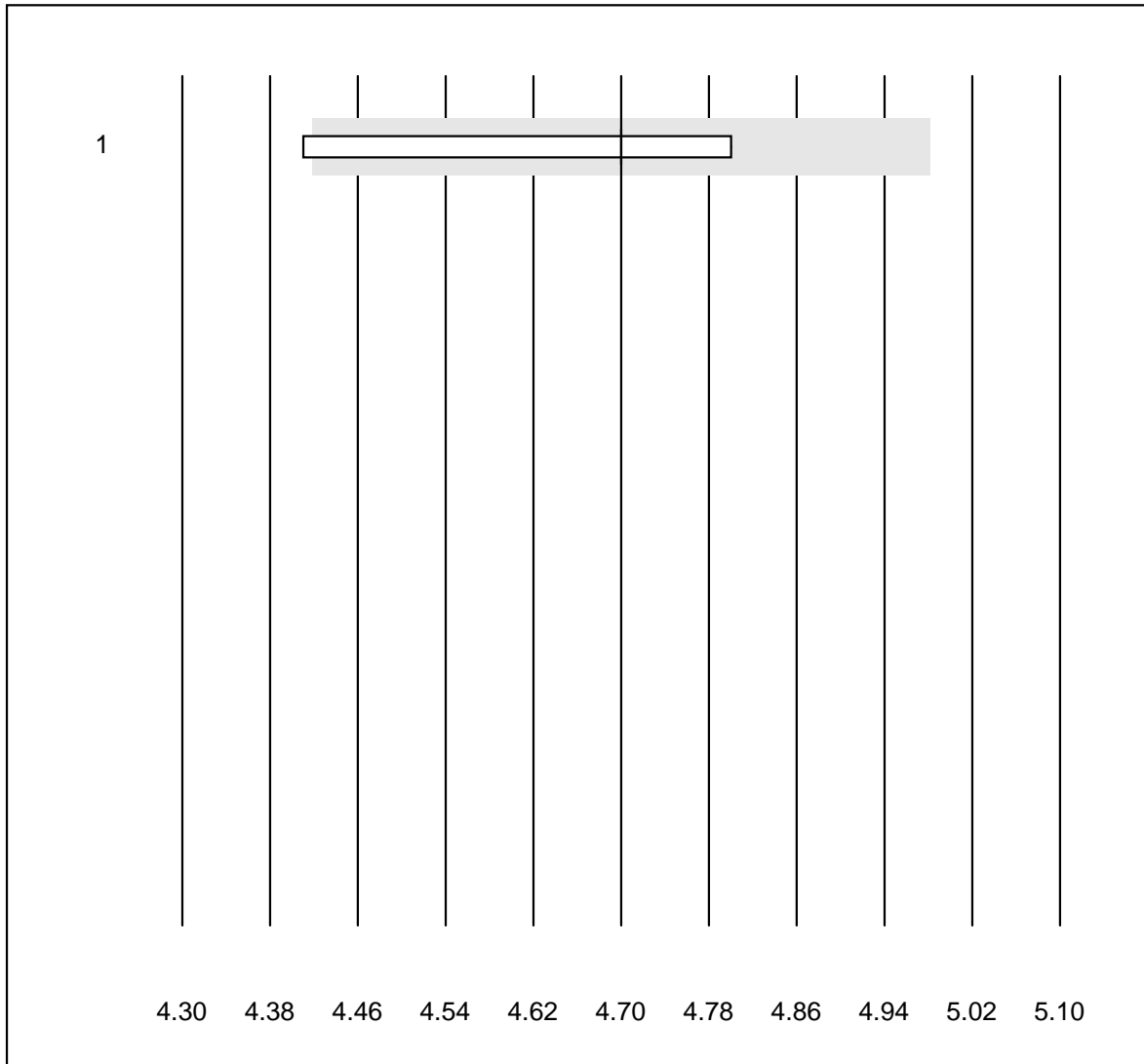


Deviazione QUALAB : 1 %

pH CCA ()

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 OPTI CCA	11	100.0	0.0	0.0	7.41	0.2	e

Potassio CCA

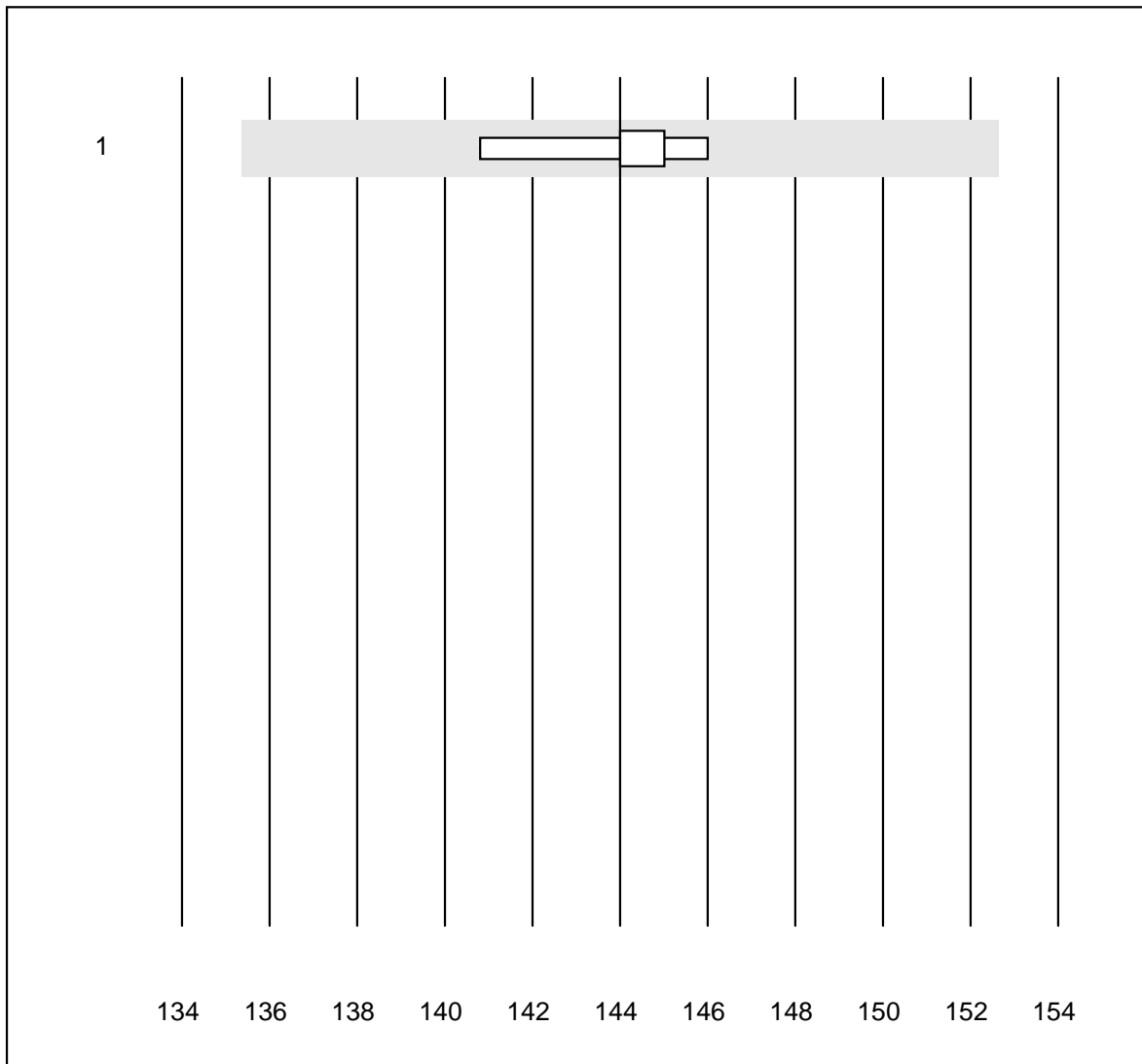


Deviazione QUALAB : 6 %

Potassio CCA (mmol/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 OPTI CCA	6	83.3	16.7	0.0	4.7	2.8	e*

Sodio CCA

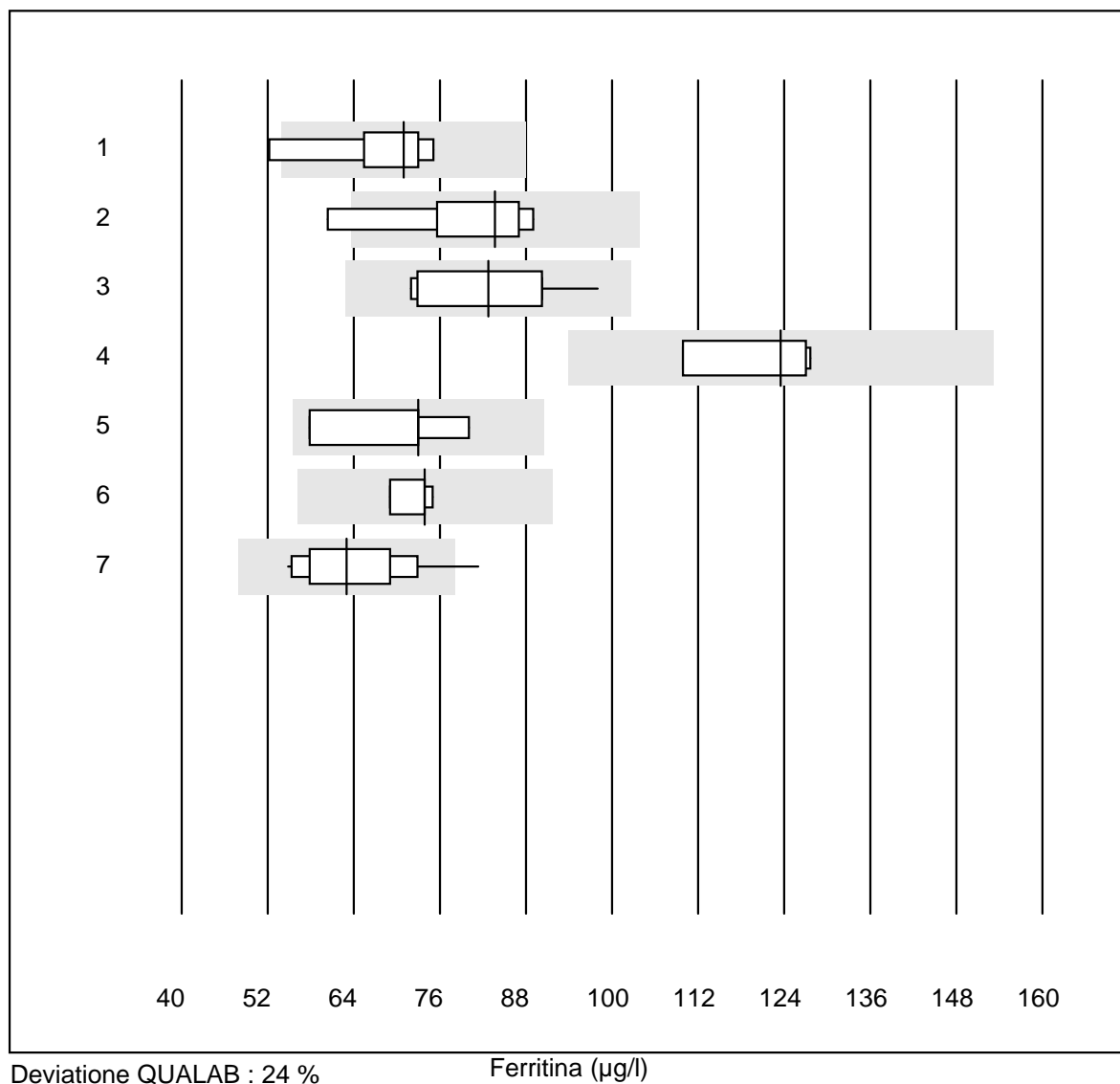


Deviazione QUALAB : 6 %

Sodio CCA (mmol/l)

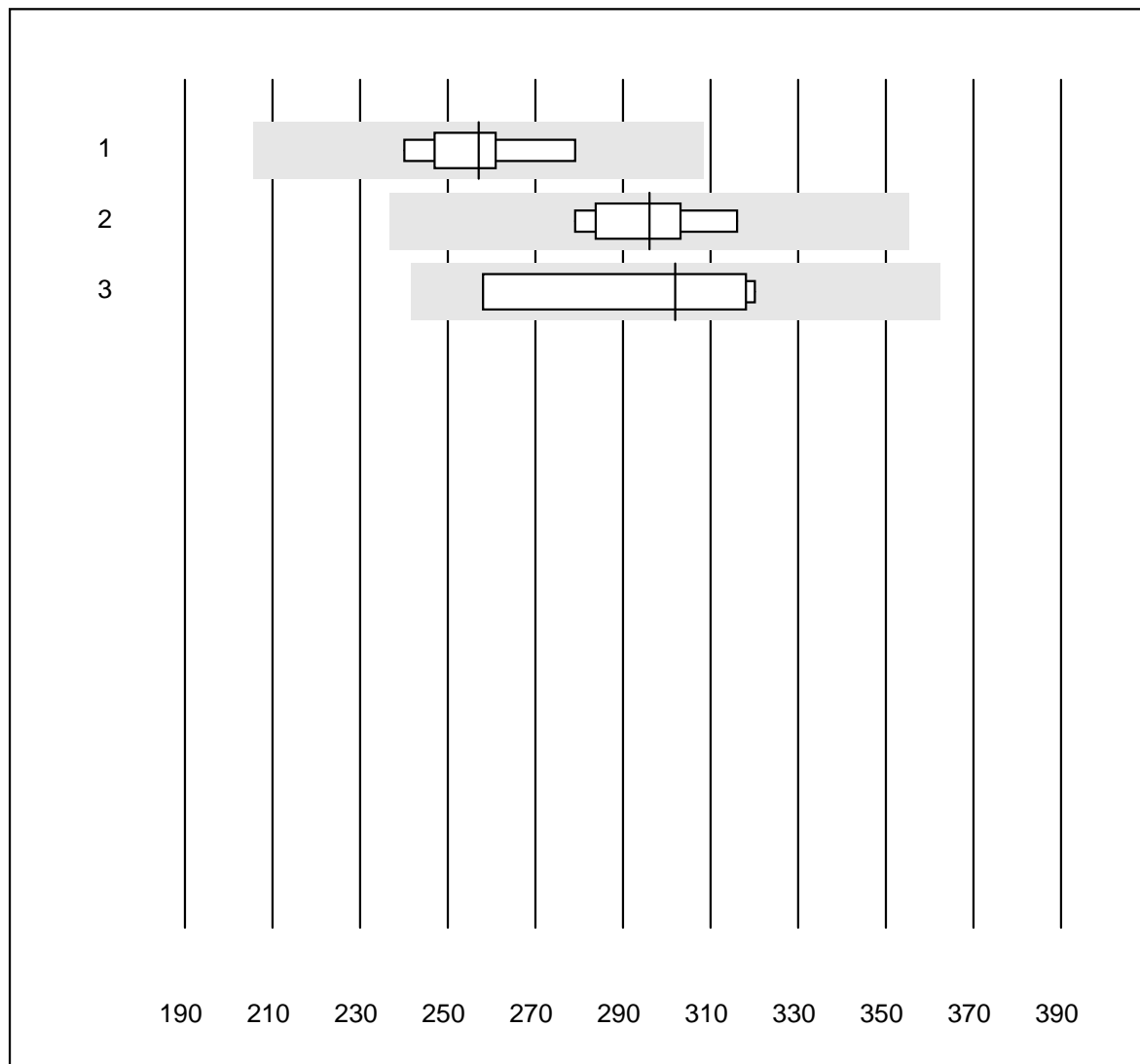
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 OPTI CCA	5	100.0	0.0	0.0	144.0	1.4	e

Ferritina



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Beckman	5	80.0	20.0	0.0	71.00	13.7	e*
2 tutti	5	80.0	20.0	0.0	83.70	14.7	e*
3 Cobas E / Elecsys	10	100.0	0.0	0.0	82.80	11.5	e*
4 Architect	4	100.0	0.0	0.0	123.54	6.8	e*
5 Mira/DiaSys	4	100.0	0.0	0.0	73.00	13.1	e*
6 Mini Vidas	4	100.0	0.0	0.0	73.87	3.7	e
7 Eurolyser	18	94.4	5.6	0.0	63.02	11.5	e

Vitamina B12

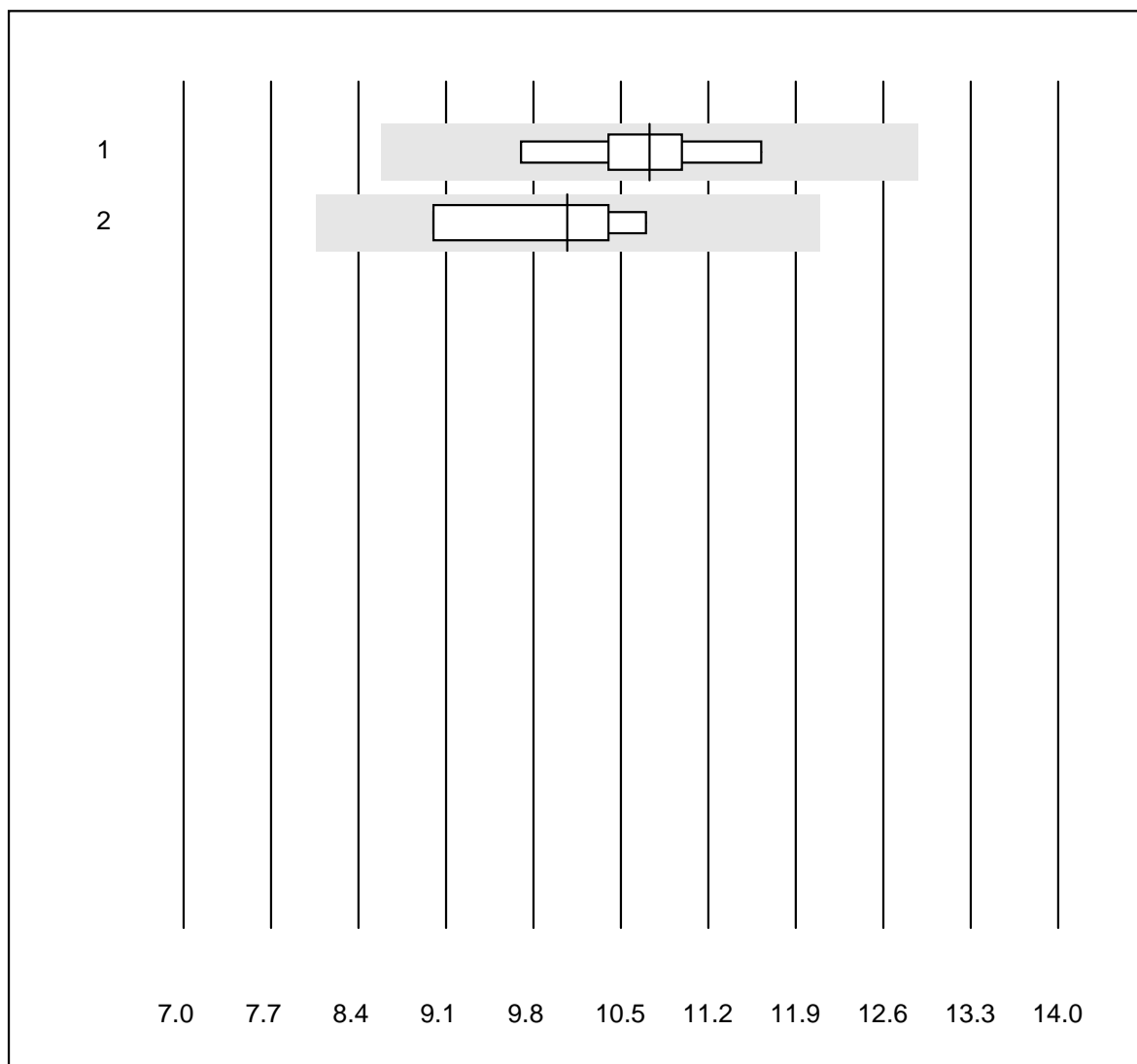


Deviazione QUALAB : 20 %

Vitamina B12 (pmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ADVIA Centaur XP/CP	5	100.0	0.0	0.0	257.00	5.8	e*
2 Cobas E / Elecsys	8	100.0	0.0	0.0	296.00	4.6	e
3 Architect	4	100.0	0.0	0.0	301.96	10.0	e*

Acido folico

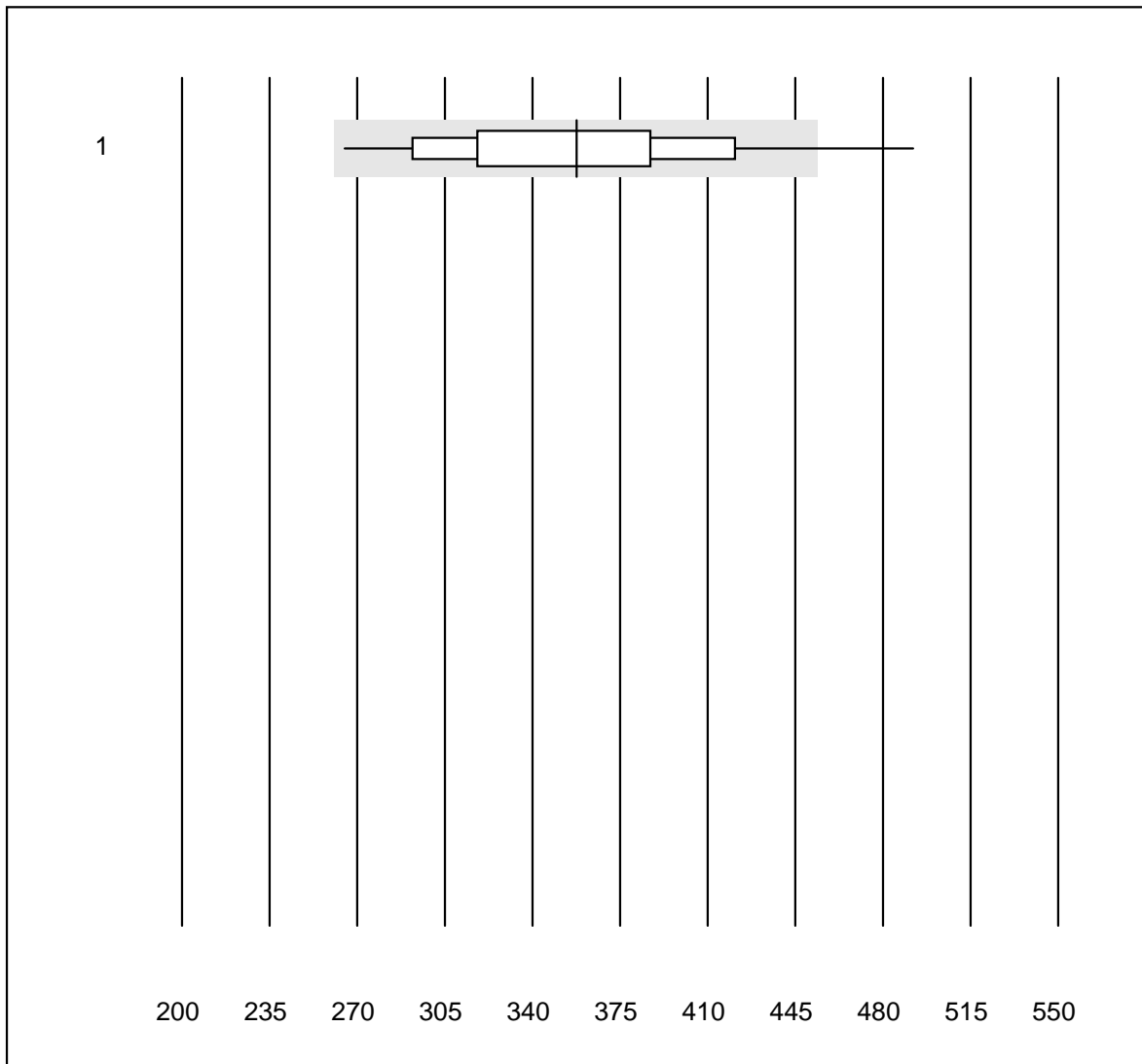


Deviazione QUALAB : 20 %

Acido folico (nmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	8	100.0	0.0	0.0	10.73	5.5	e
2 Architect	4	100.0	0.0	0.0	10.07	7.6	e*

BNP

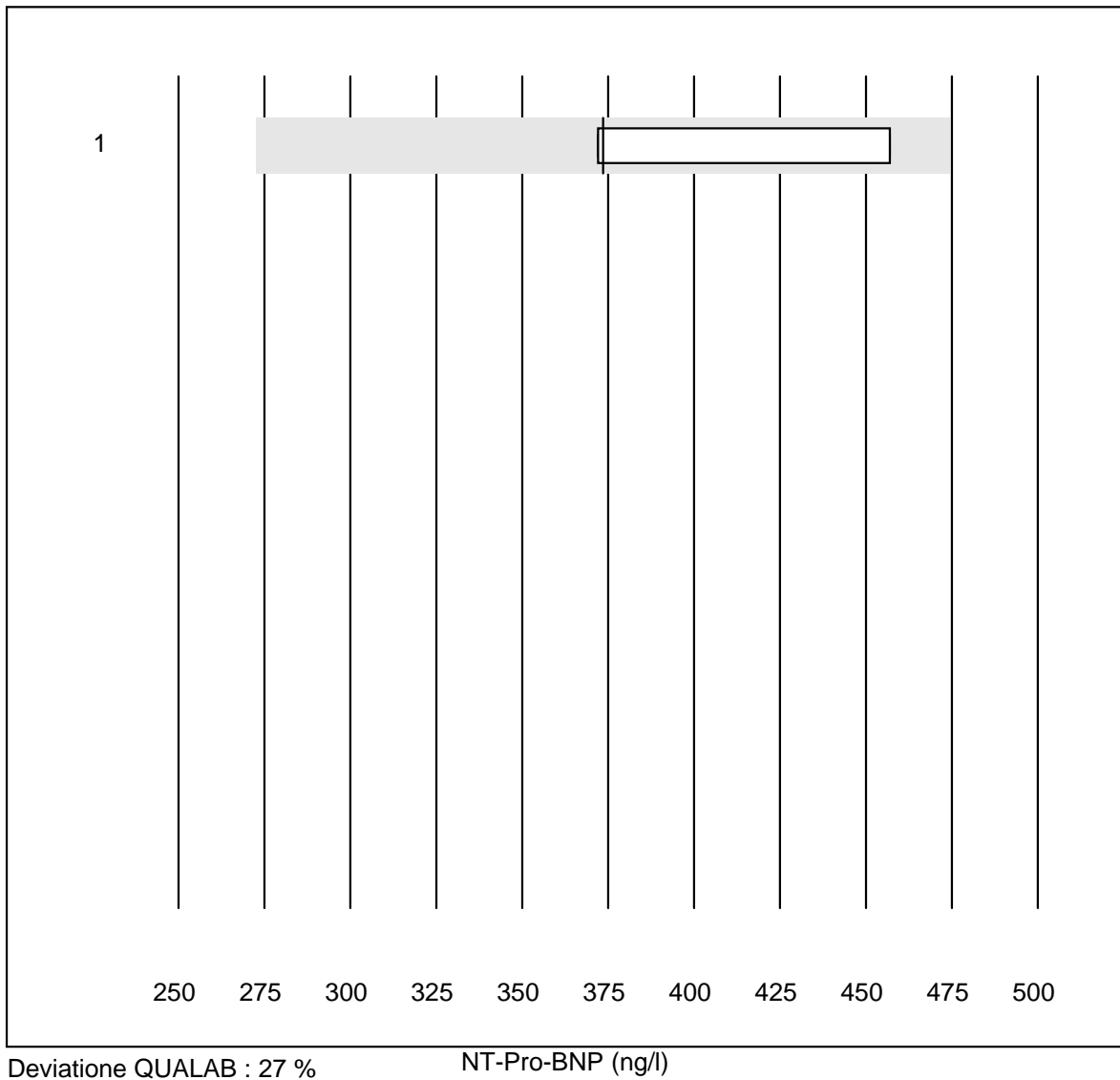


Deviazione QUALAB : 27 %

BNP (ng/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage Meter	45	93.4	4.4	2.2	357.5	14.3	e

NT-Pro-BNP



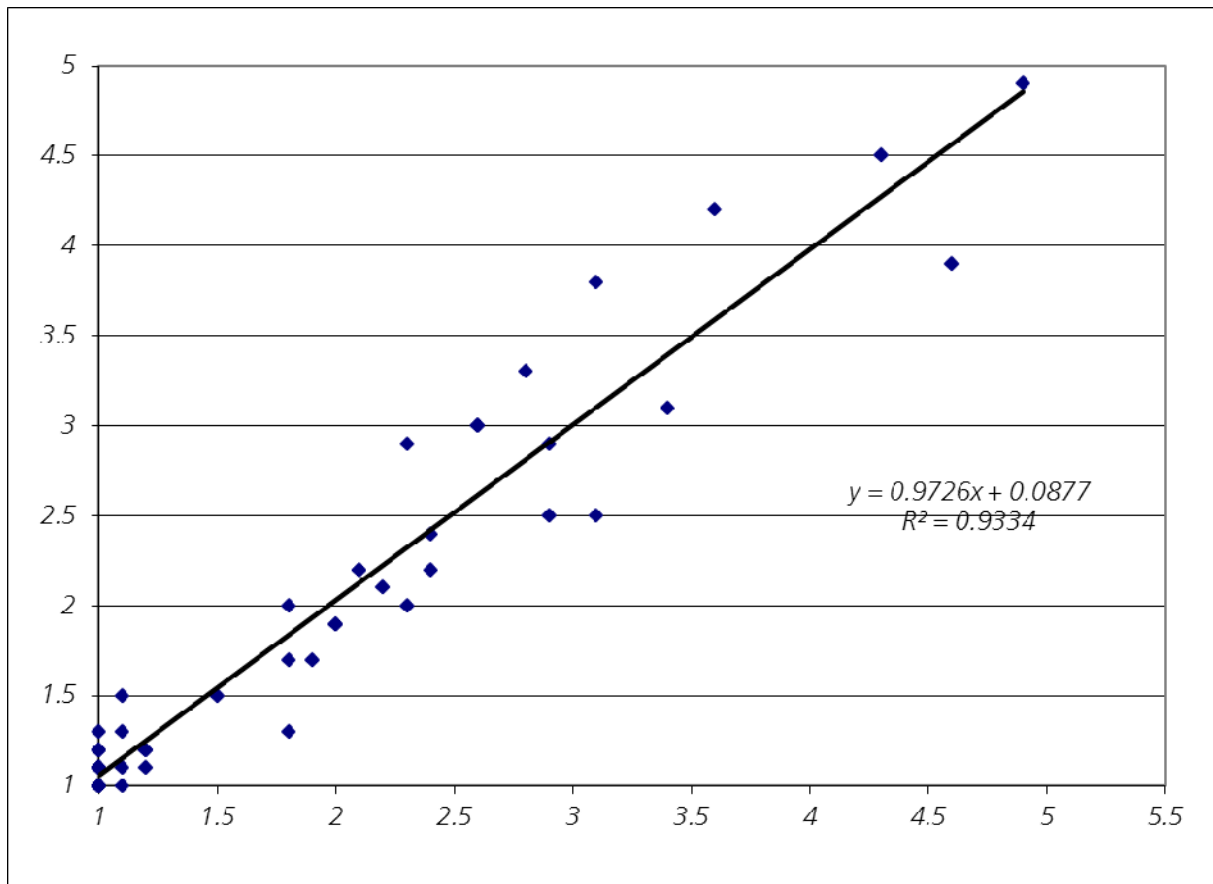
Deviazione QUALAB : 27 %

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage Meter	4	75.0	0.0	25.0	374	12.0	e*

G10 Quick WB

Quick / INR WB

Ospedale universitario Zurigo

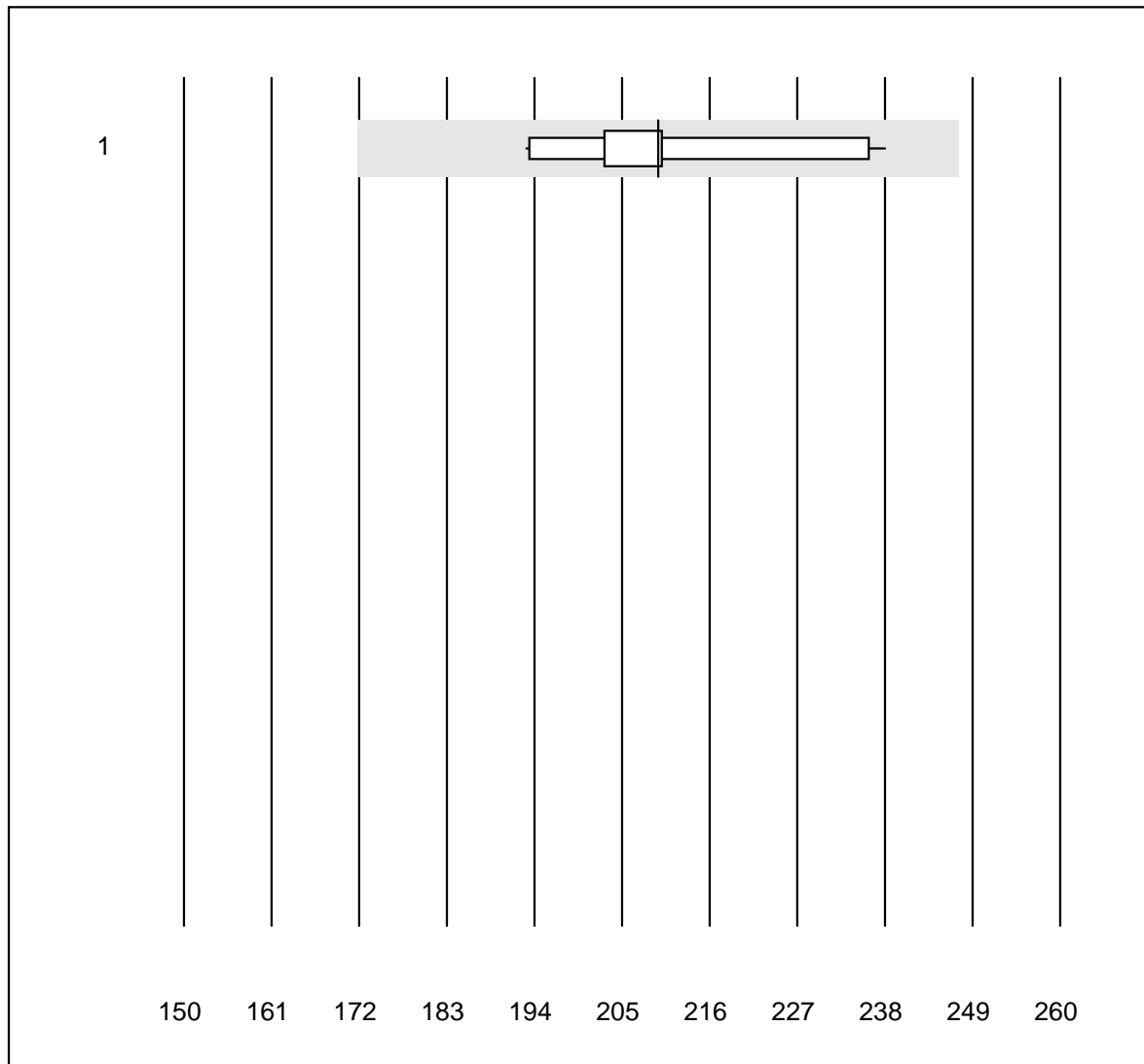


INRatio partecipanti

Nell'ambito del controllo circolare G10 vengono confrontati gli INR dei partecipanti con quelli dell'ospedale universitario di Zurigo.

Nr.	metodo	totale	% conforme	% insuff.	% outlier
1	INRatio	55	83.64	9.09	7.27

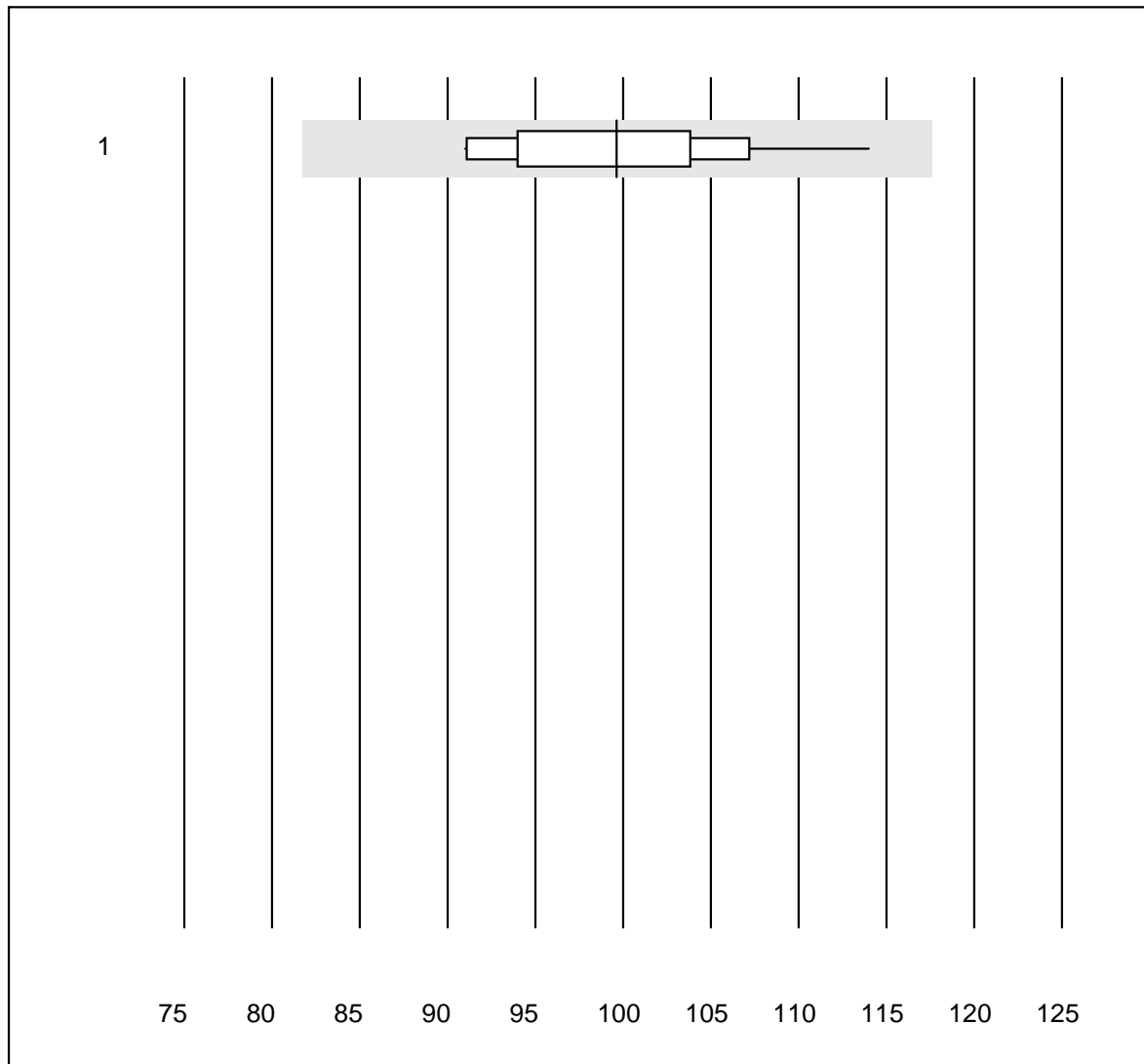
Bilirubina totale Neo



Deviazione QUALAB : 18 %

Bilirubina totale Neo ($\mu\text{mol/l}$)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	13	100.0	0.0	0.0	210	6.8	e

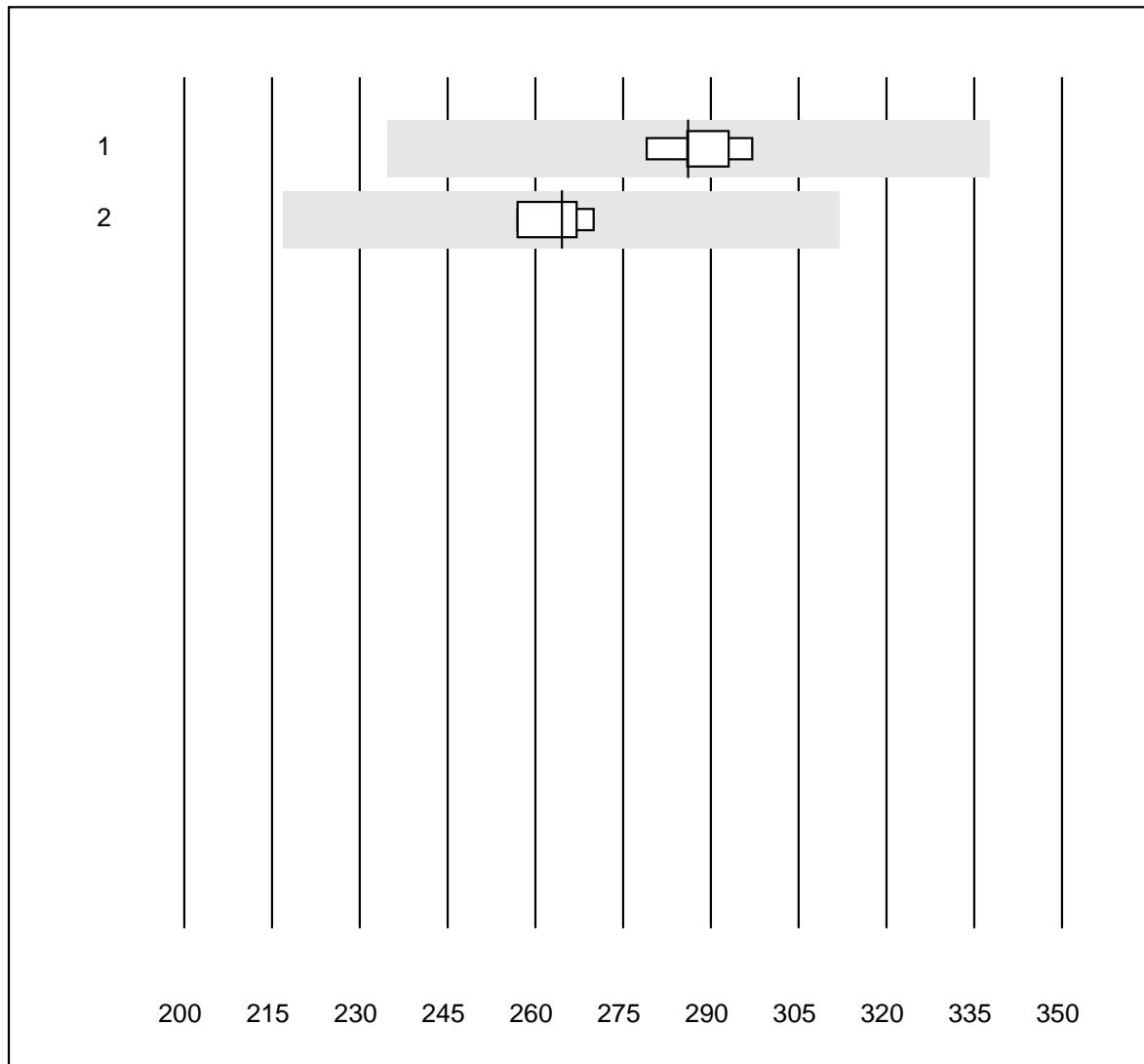
Bilirubina diretta

Deviazione QUALAB : 18 %

Bilirubina diretta ($\mu\text{mol/l}$)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	13	92.3	0.0	7.7	100	7.2	e

Bilirubin neonatale

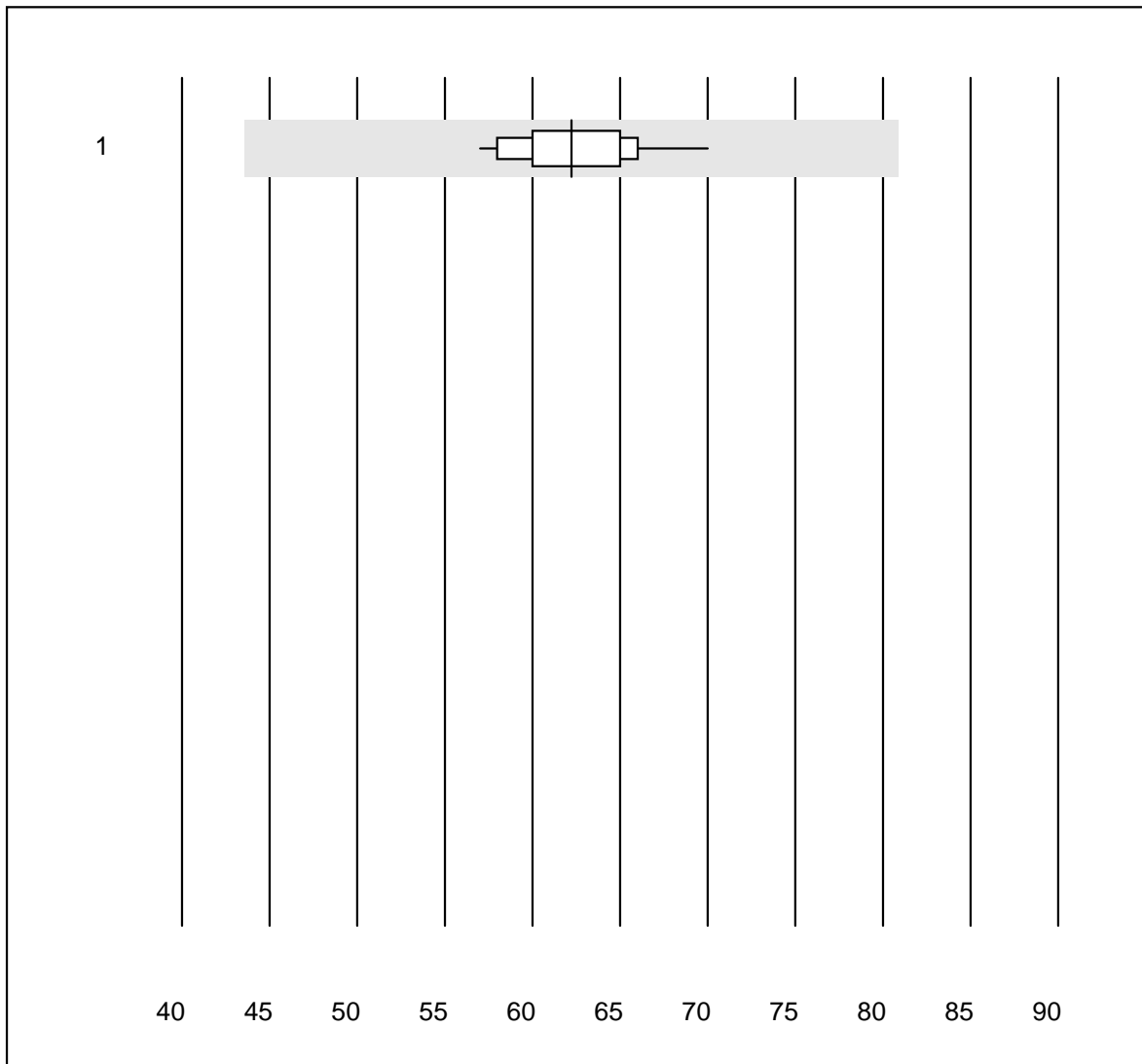


Deviazione QUALAB : 18 %

Bilirubin neonatale (µmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	5	100.0	0.0	0.0	286	2.4	e
2 ABL700/800 Radiomete	4	100.0	0.0	0.0	265	2.2	e

CK-MB

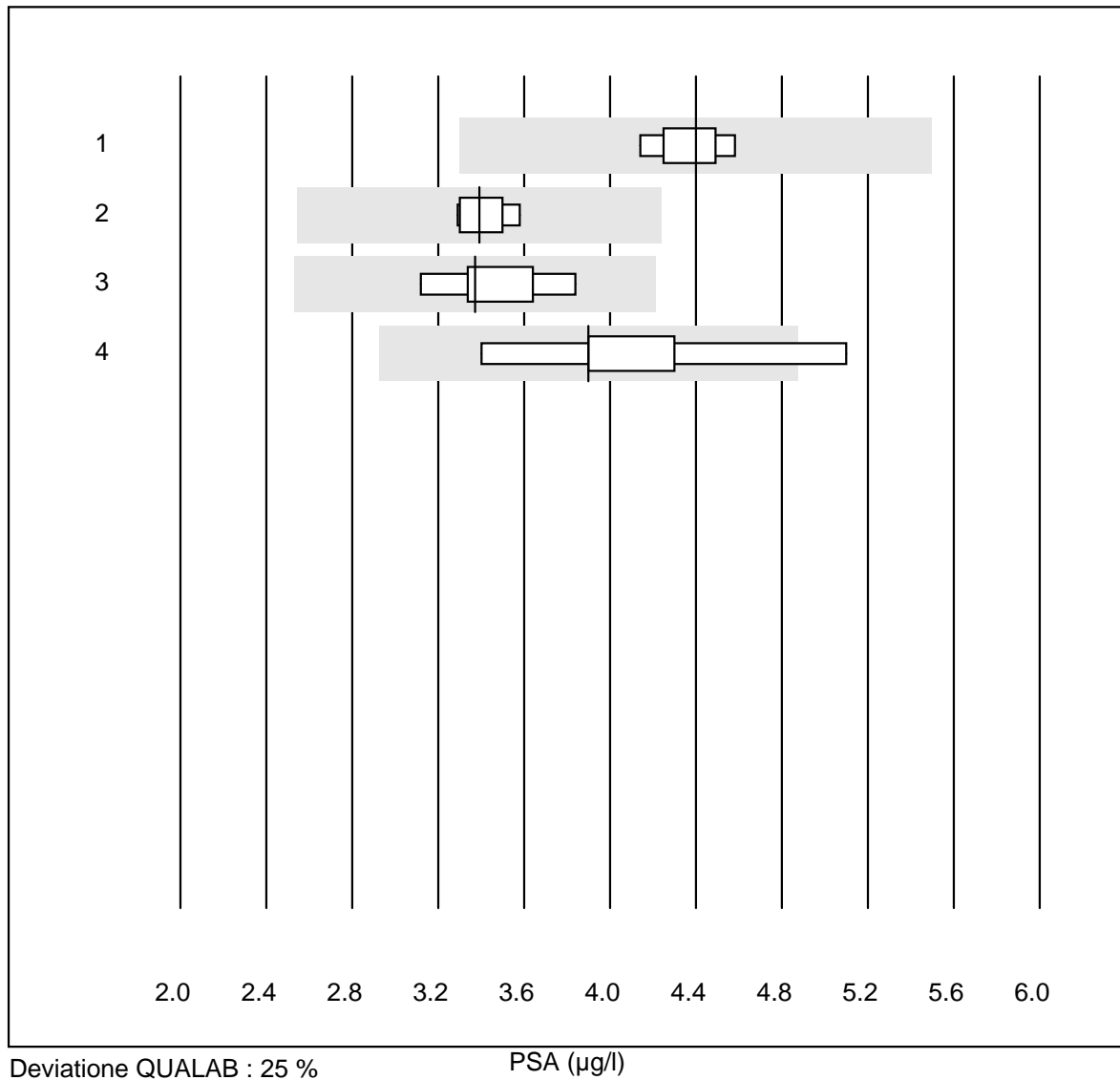


Deviazione QUALAB : 30 %

CK-MB (U/l)

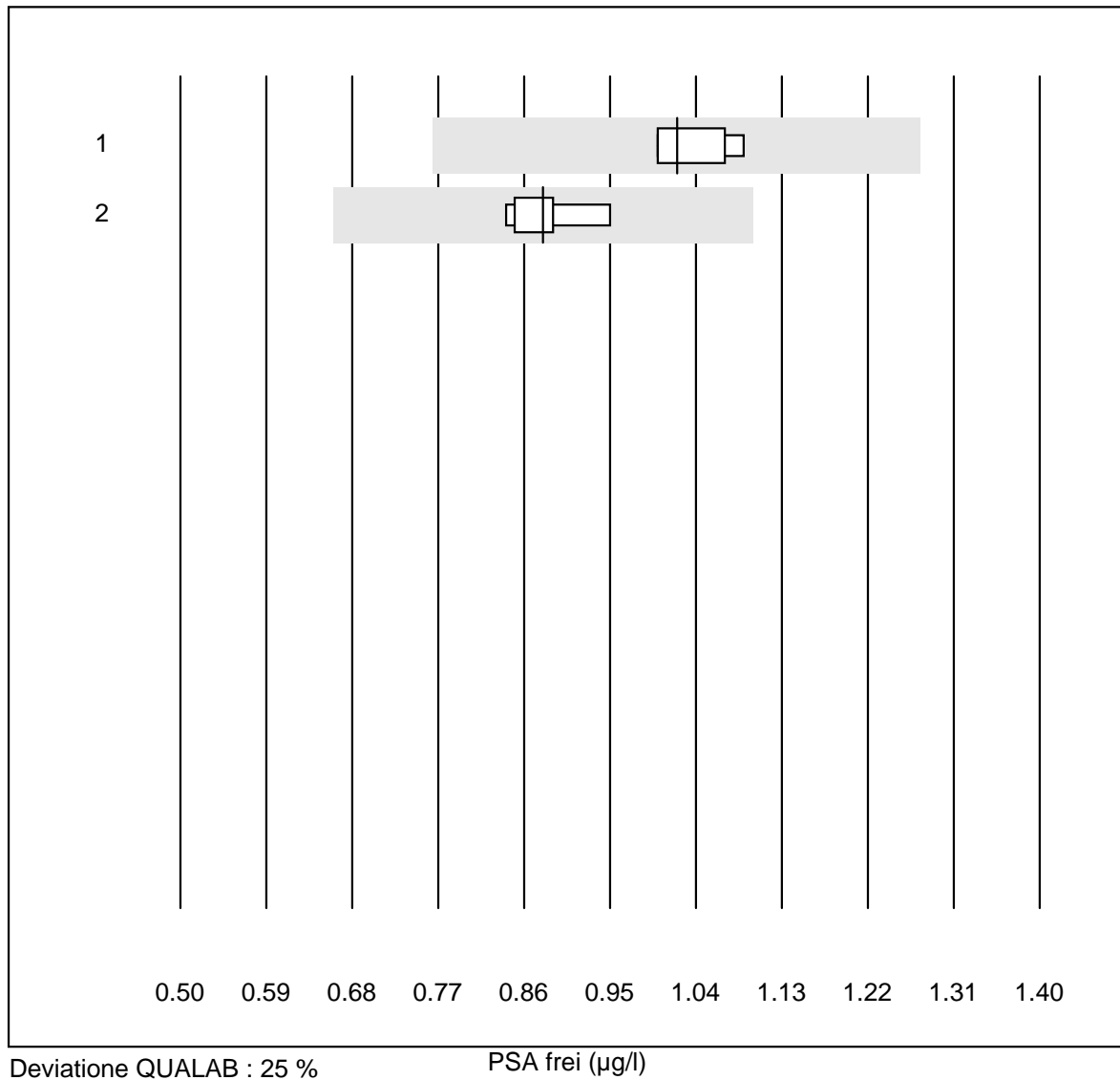
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Fuji Dri-Chem	38	97.4	0.0	2.6	62.2	5.2	e

PSA



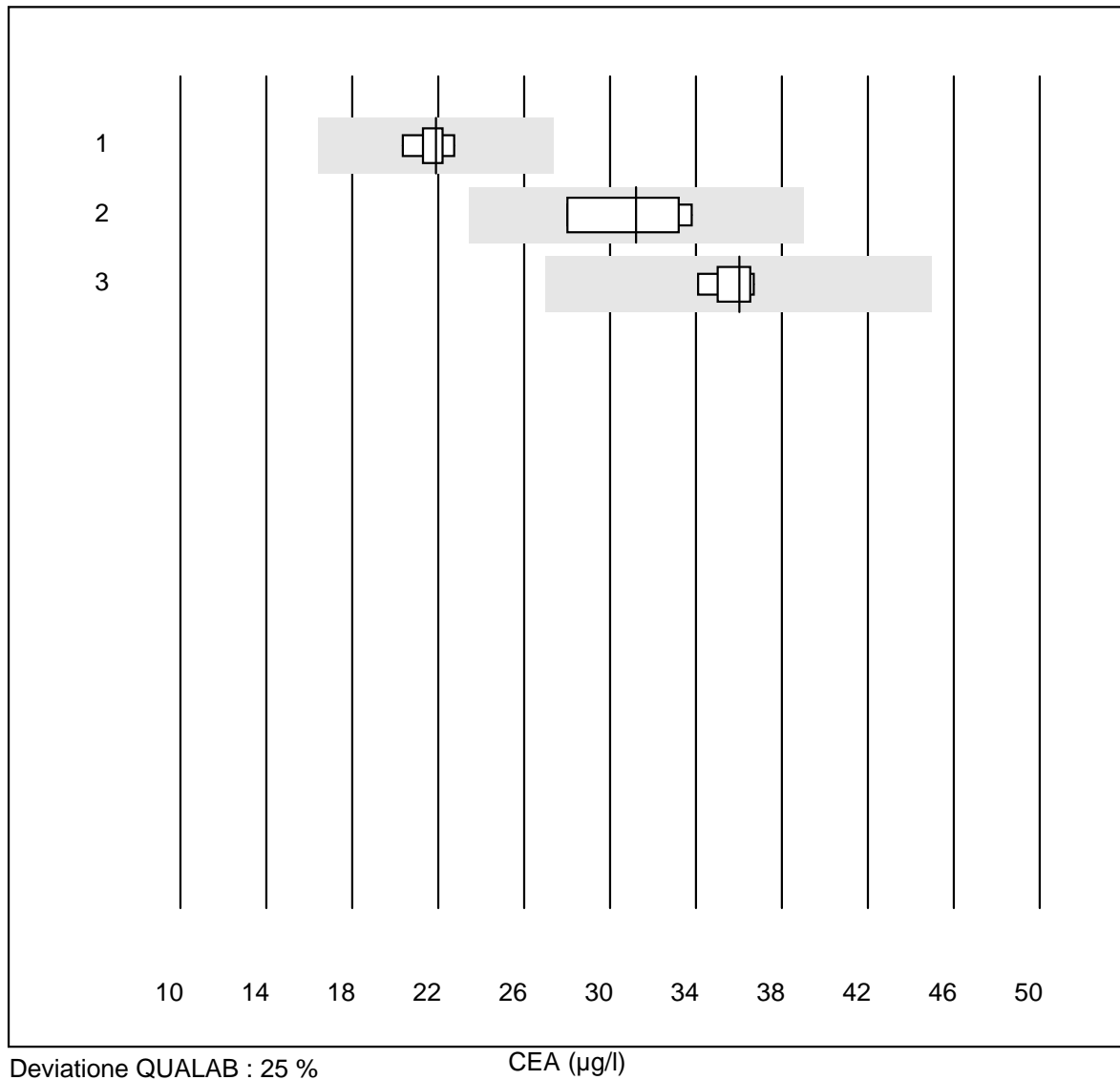
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	9	100.0	0.0	0.0	4.40	3.4	e
2 ADVIA Centaur XP/CP	5	100.0	0.0	0.0	3.39	3.7	e
3 Architect	6	100.0	0.0	0.0	3.37	7.4	e*
4 Qualigen	5	80.0	20.0	0.0	3.90	15.4	a

PSA frei



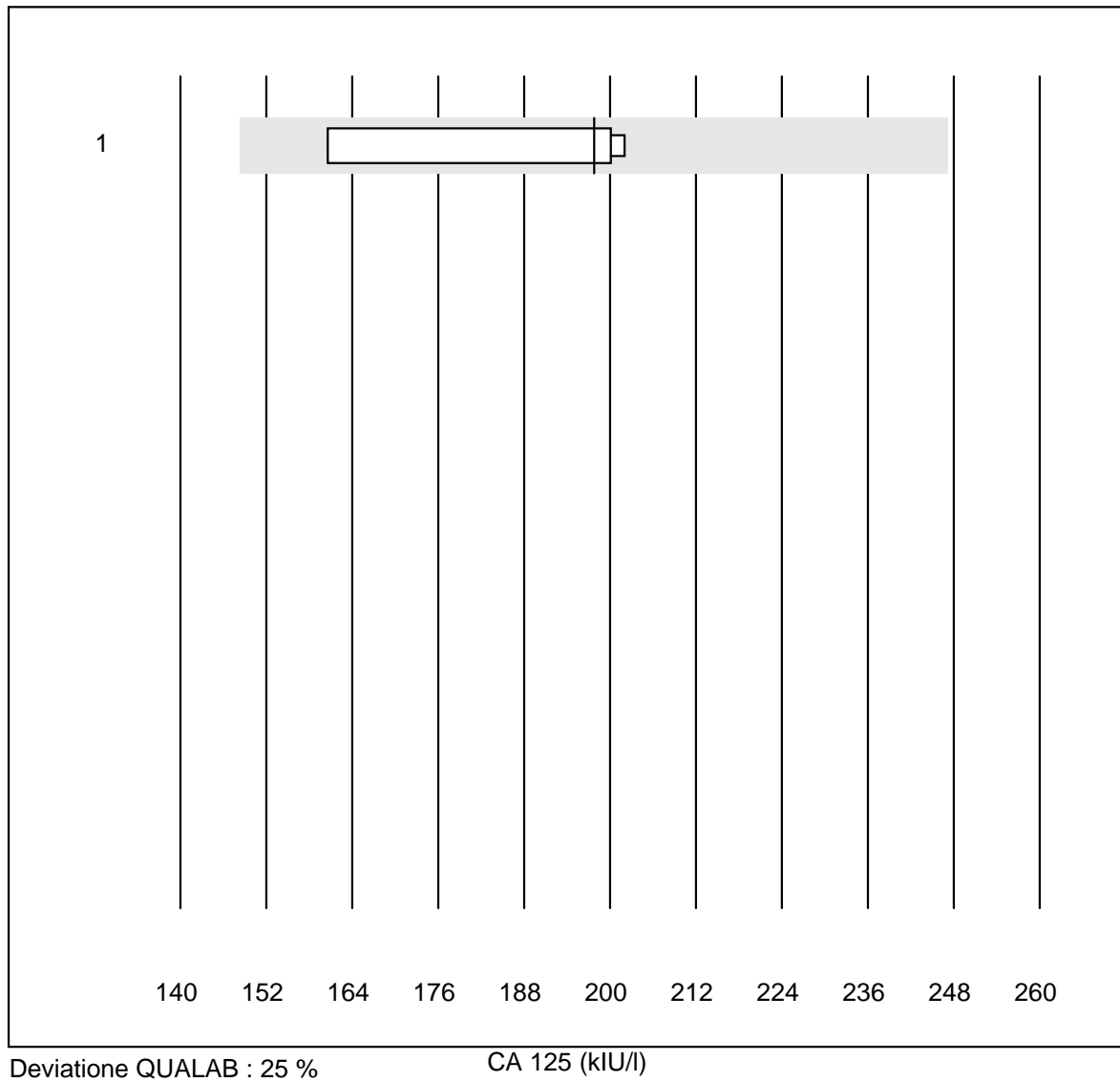
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	5	100.0	0.0	0.0	1.02	4.0	e
2 Architect	5	100.0	0.0	0.0	0.88	4.9	e

CEA



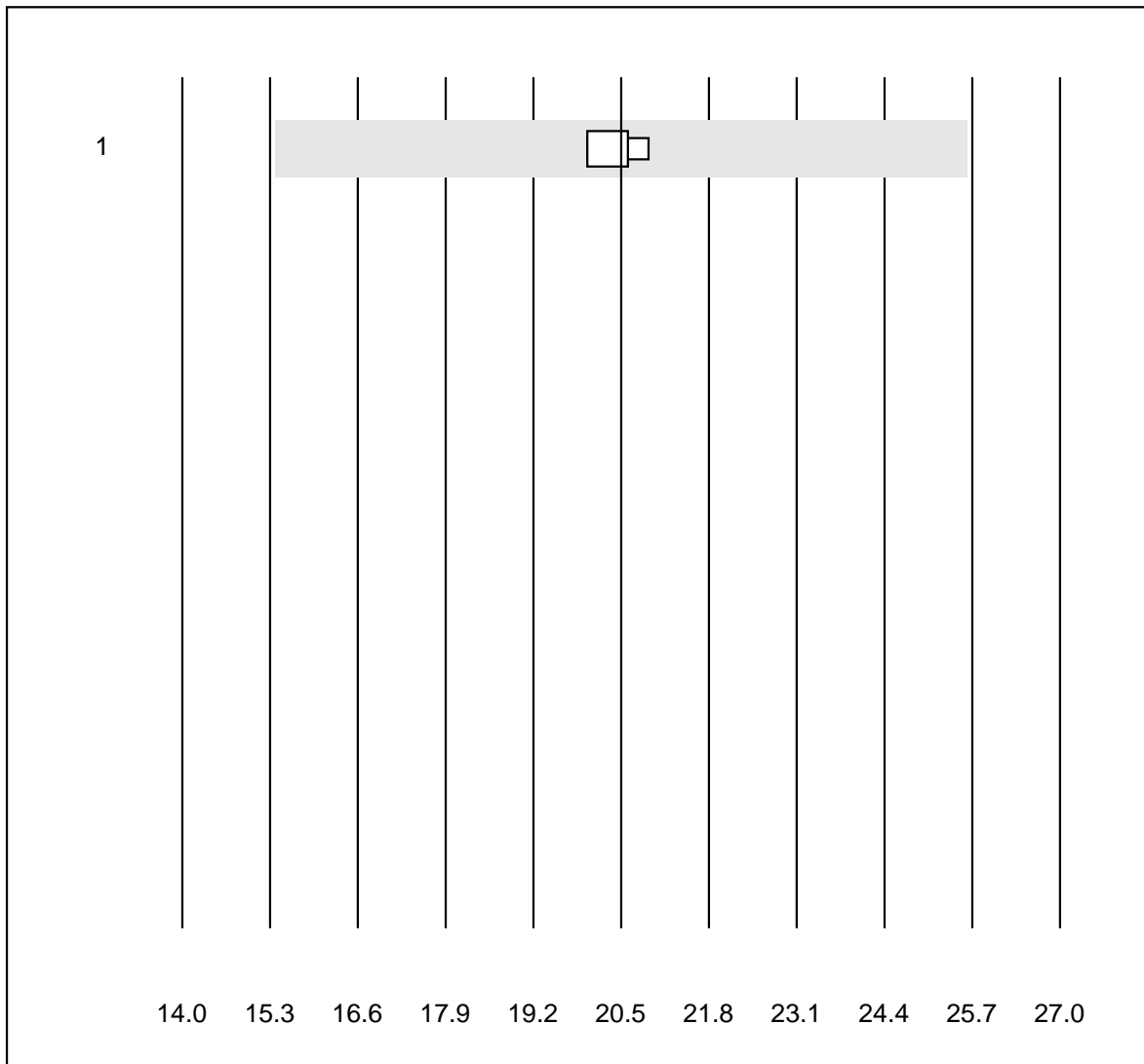
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	5	100.0	0.0	0.0	21.9	4.2	e
2 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	31.2	9.3	e*
3 Architect	5	100.0	0.0	0.0	36.0	3.1	e

CA 125



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Architect	4	100.0	0.0	0.0	197.8	10.3	e*

CA 15-3

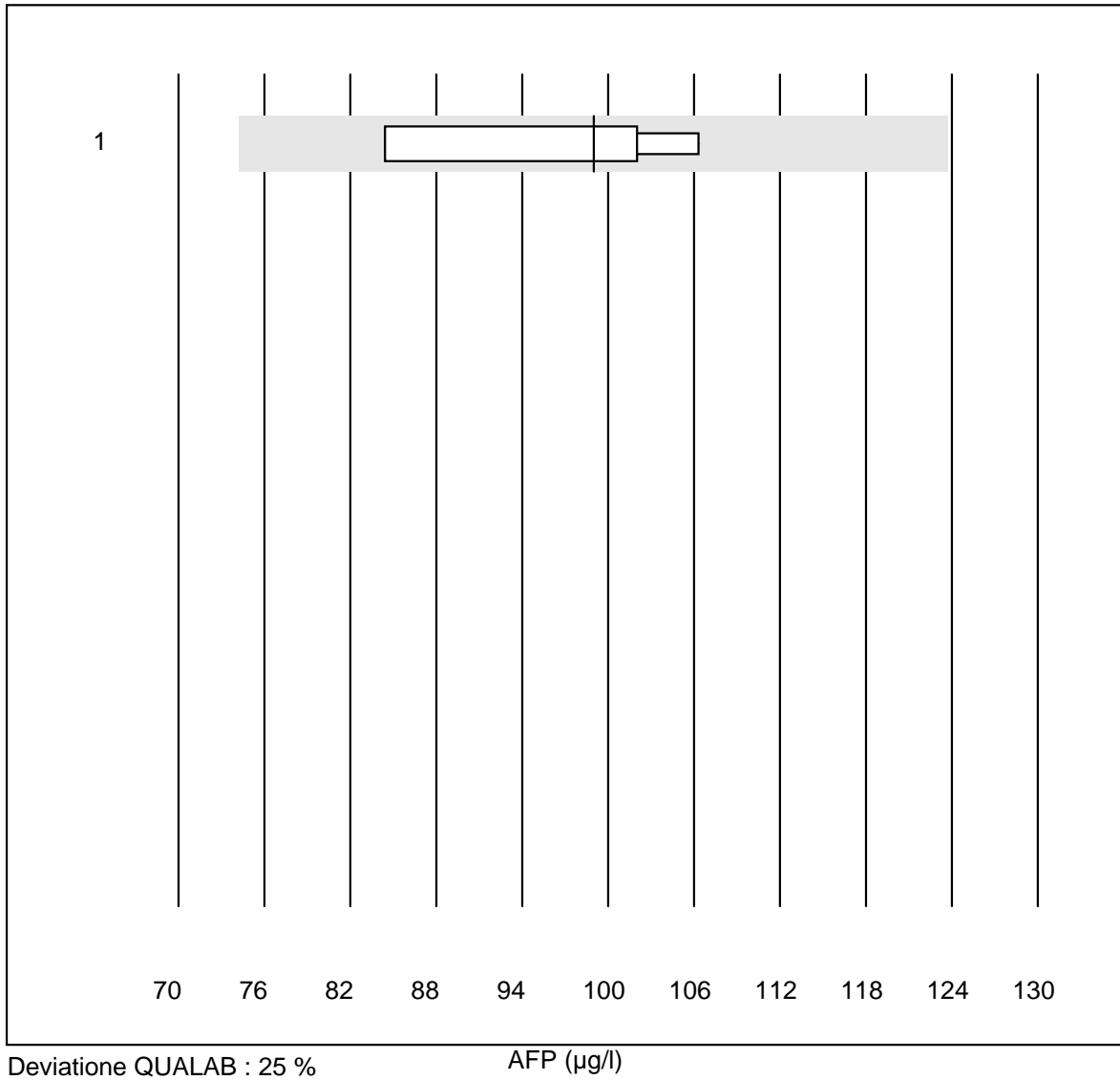


Deviazione QUALAB : 25 %

CA 15-3 (kIU/l)

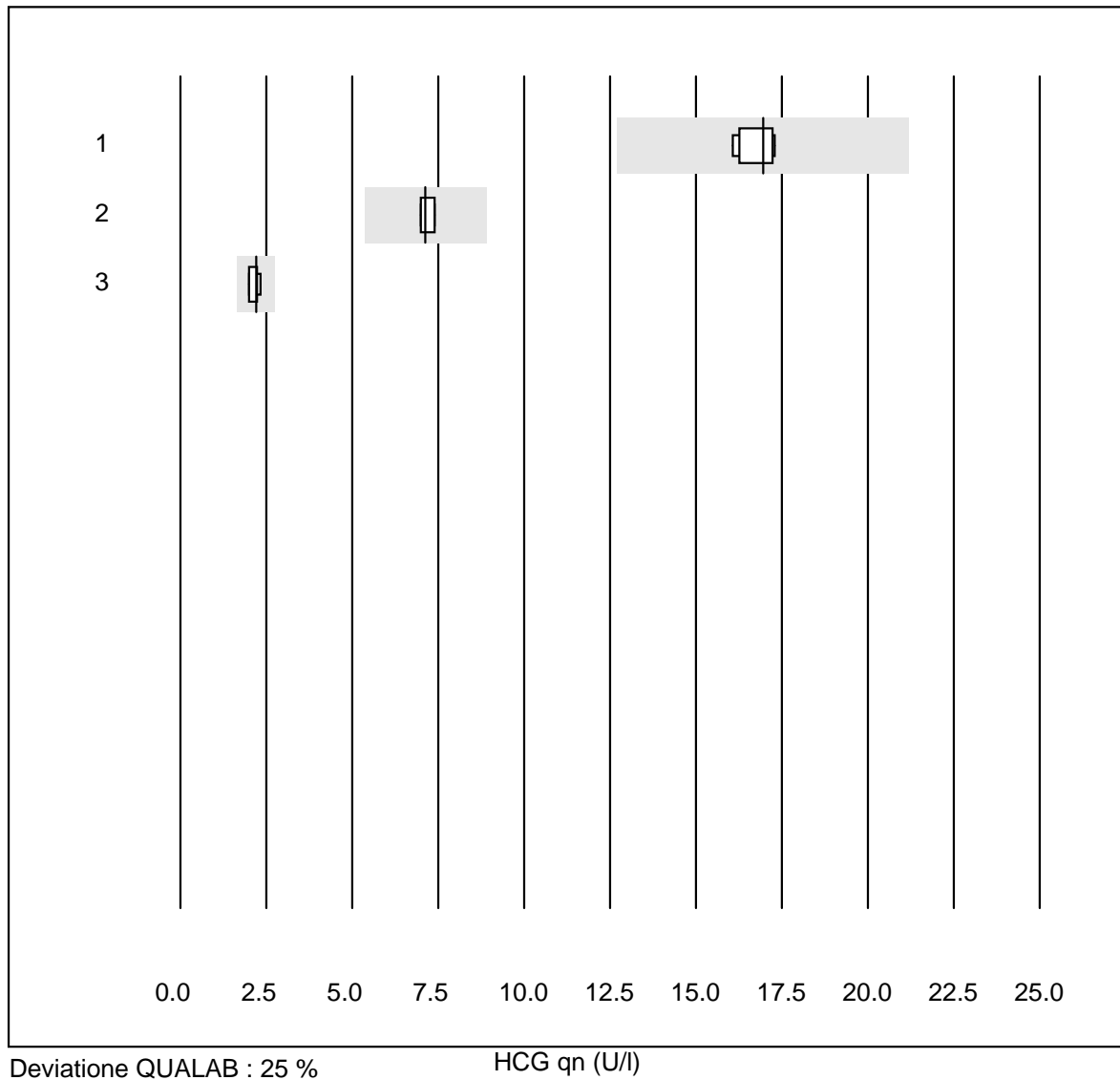
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Architect	4	100.0	0.0	0.0	20.5	1.8	e

AFP



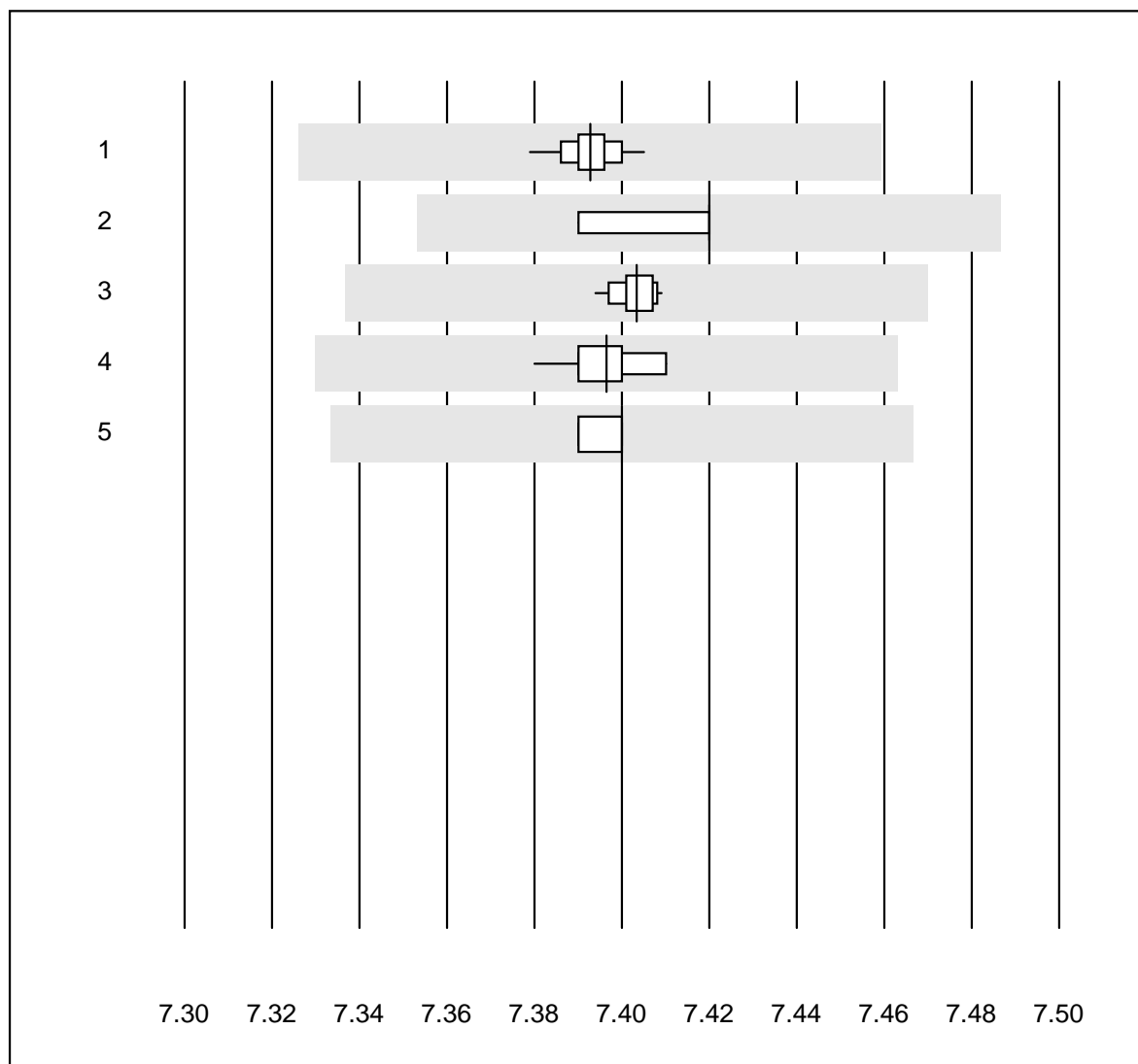
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	4	100.0	0.0	0.0	99	9.7	a

HCG qn



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	5	100.0	0.0	0.0	17	3.4	e
2 ADVIA Centaur XP/CP	4	75.0	0.0	25.0	7	3.2	a
3 Vidas	4	100.0	0.0	0.0	2	8.0	a

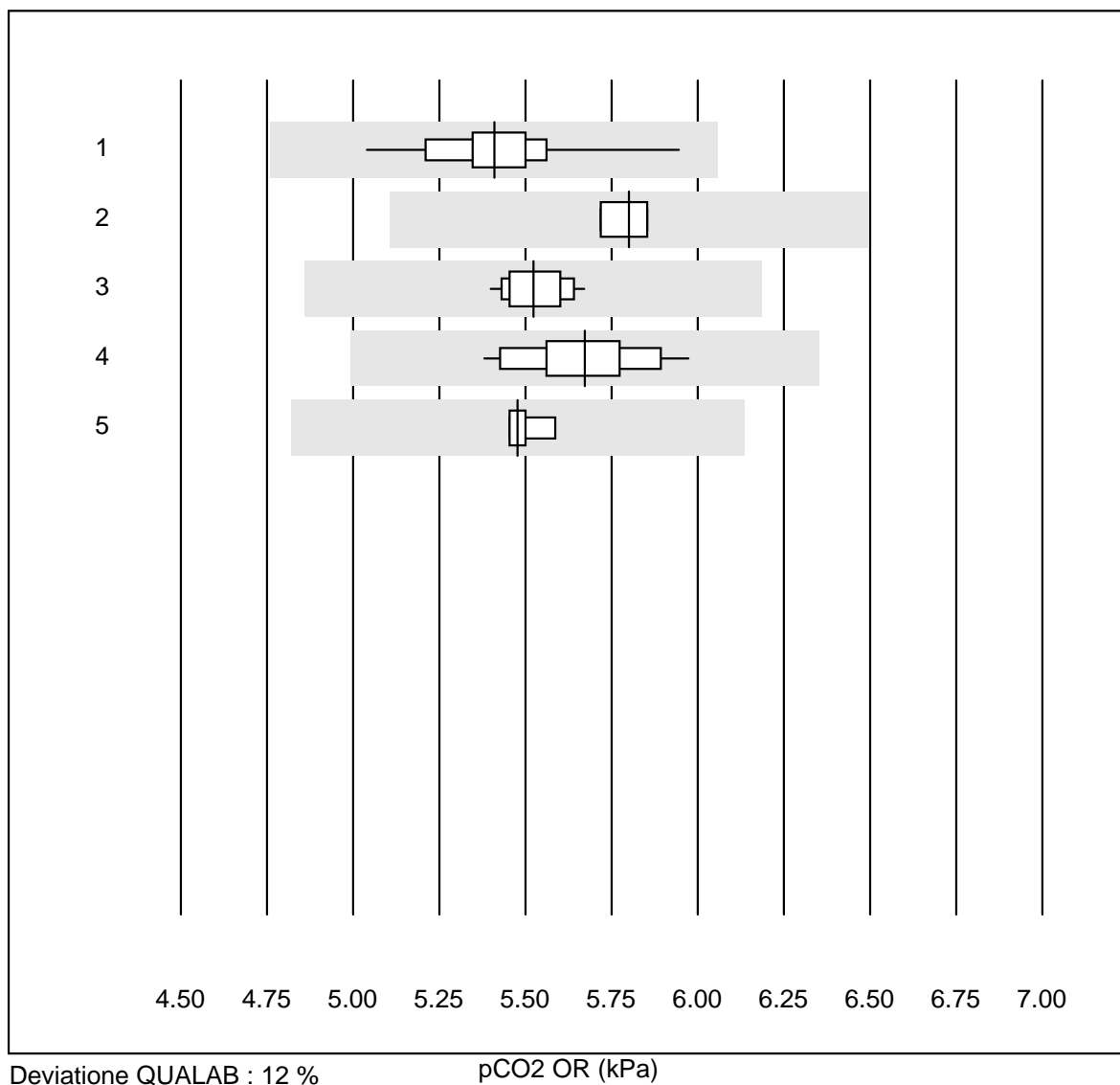
pH OR



Deviazione QUALAB : 1 %

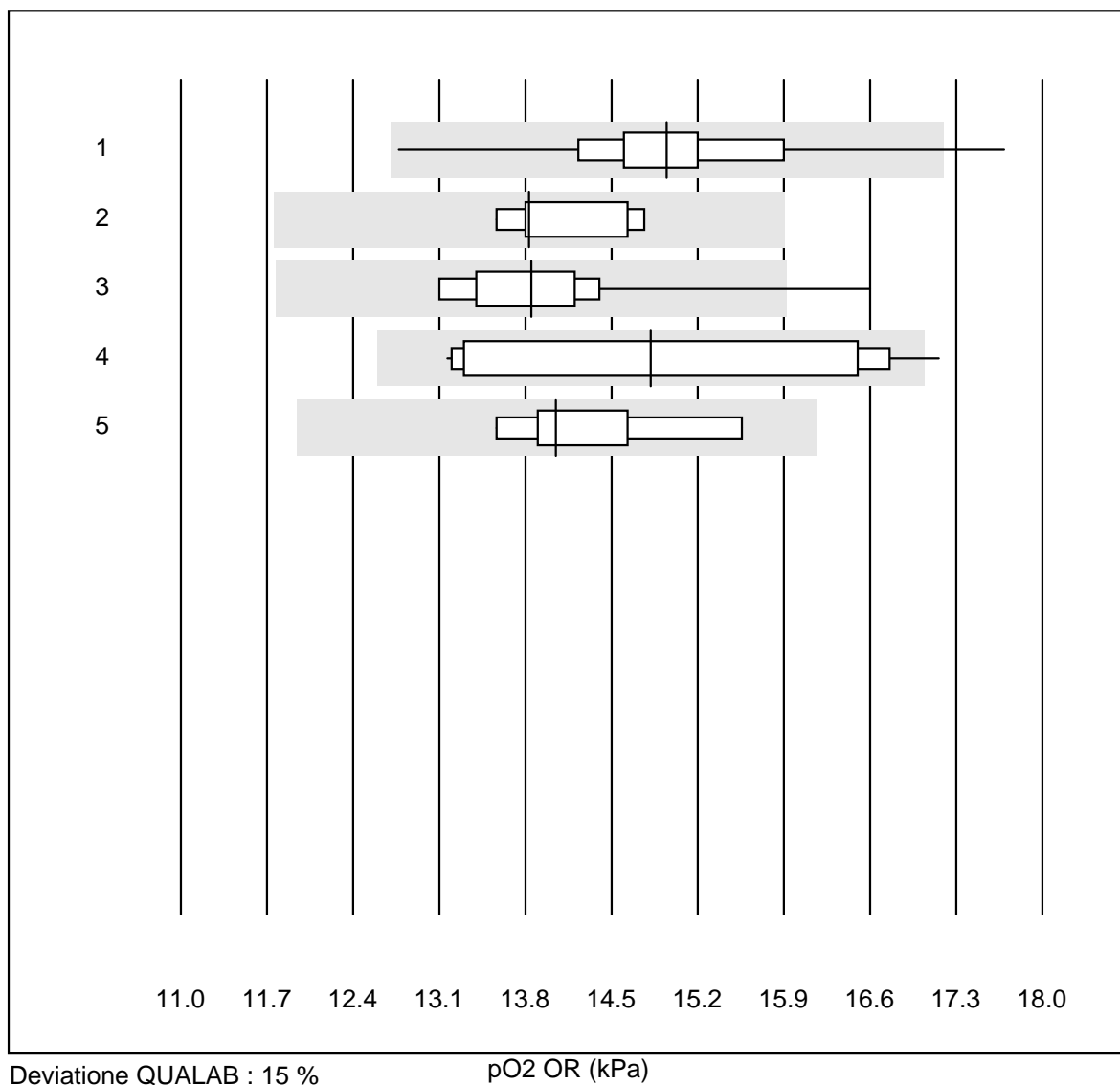
pH OR ()

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	81	100.0	0.0	0.0	7.39	0.1	e
2 Radiometer NPT-7	5	100.0	0.0	0.0	7.42	0.2	e
3 ABL 90	27	100.0	0.0	0.0	7.40	0.1	e
4 ABL 80 / Coox	14	100.0	0.0	0.0	7.40	0.1	e
5 ABL 5	6	100.0	0.0	0.0	7.40	0.1	e

pCO₂ OR

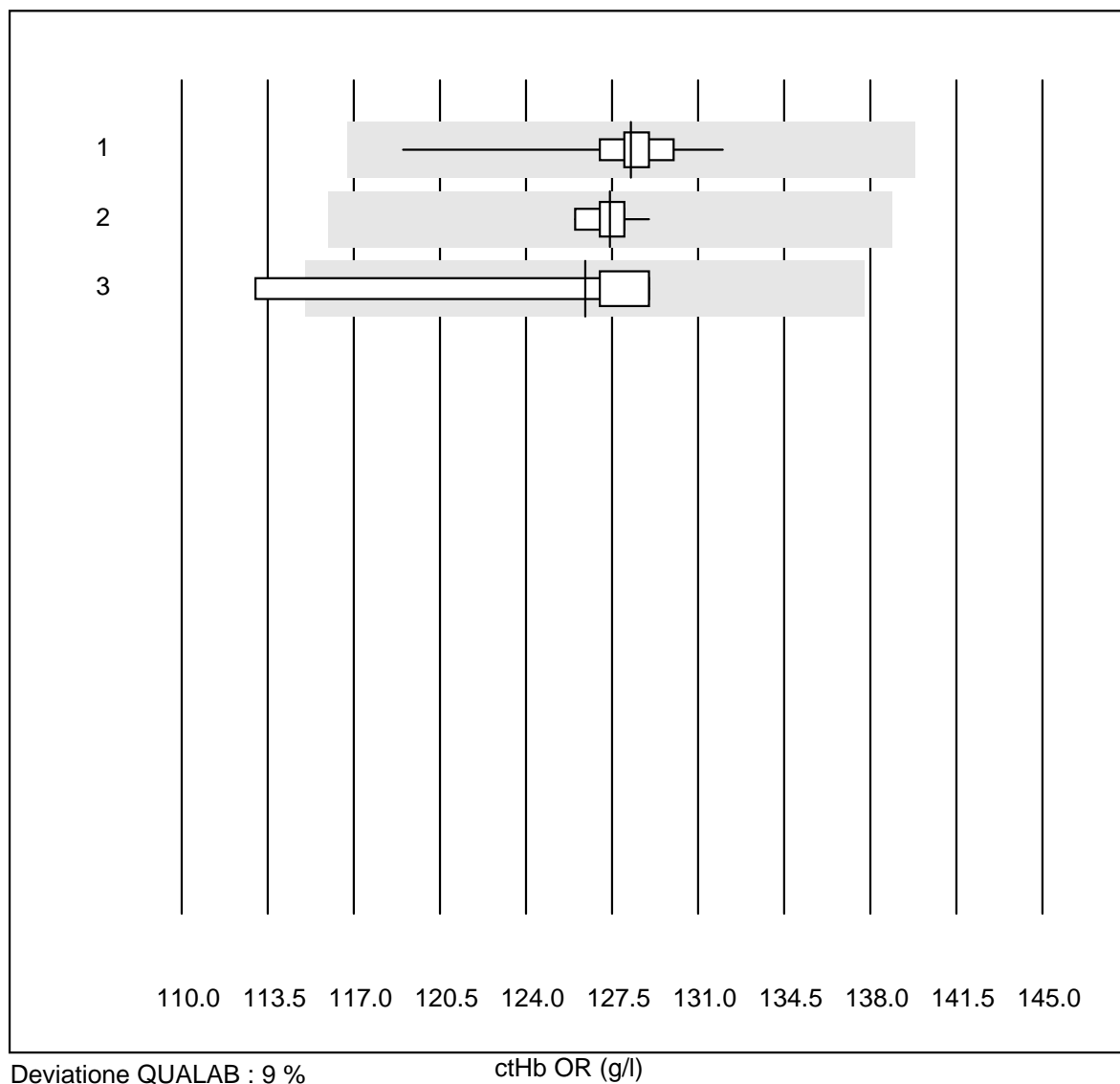
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	79	98.7	0.0	1.3	5.41	2.7	e
2 Radiometer NPT-7	5	100.0	0.0	0.0	5.80	1.2	e
3 ABL 90	27	100.0	0.0	0.0	5.52	1.4	e
4 ABL 80 / Coox	14	100.0	0.0	0.0	5.67	3.0	e
5 ABL 5	6	100.0	0.0	0.0	5.48	0.9	e

pO2 OR



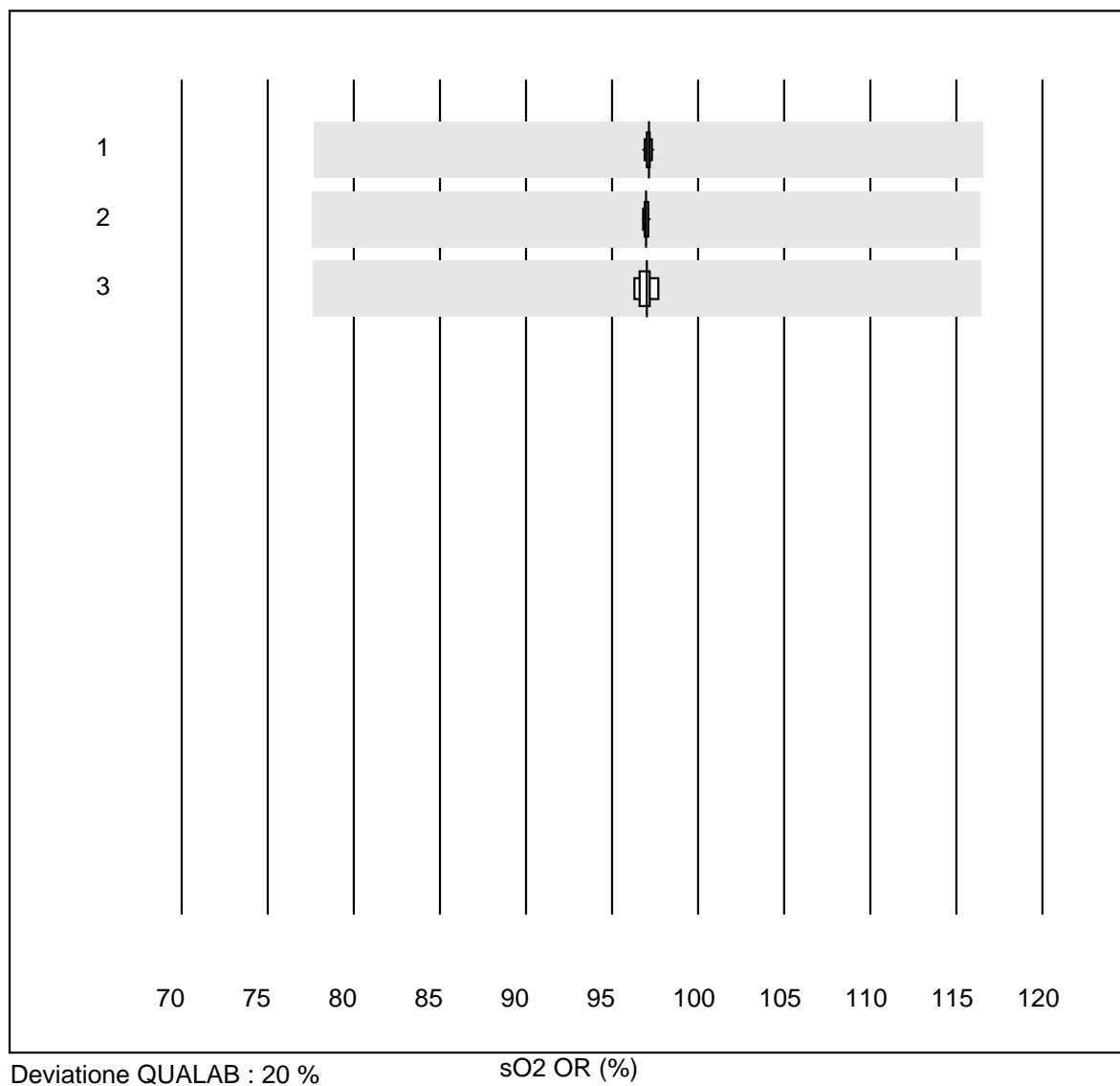
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	79	96.2	1.3	2.5	14.95	4.8	e
2 Radiometer NPT-7	5	100.0	0.0	0.0	13.83	3.8	e
3 ABL 90	27	96.3	3.7	0.0	13.85	5.1	e
4 ABL 80 / Coox	14	92.9	7.1	0.0	14.82	10.5	e*
5 ABL 5	6	100.0	0.0	0.0	14.05	5.0	e*

ctHb OR



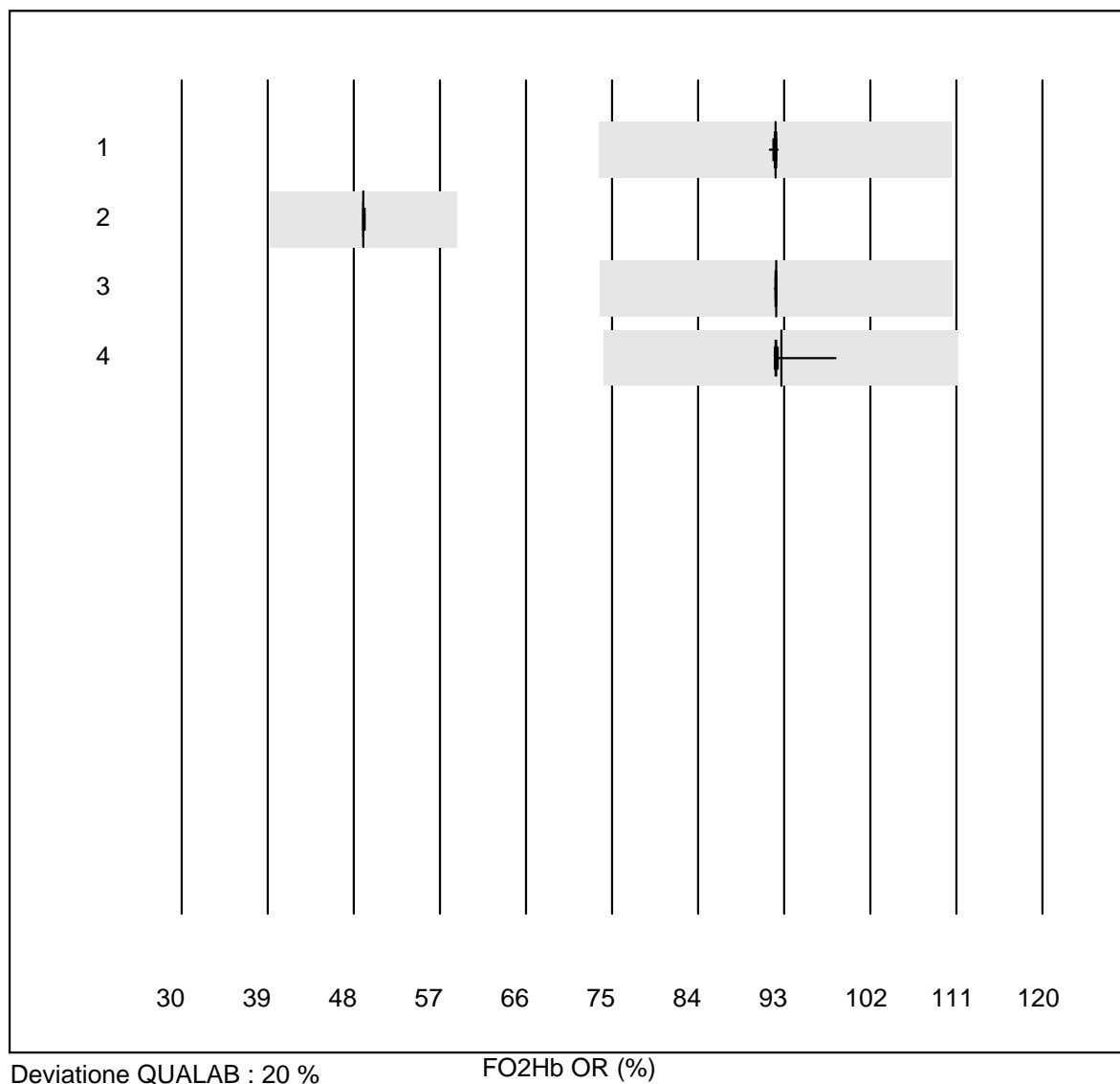
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	70	91.4	0.0	8.6	128.3	1.7	e
2 ABL 90	26	92.3	0.0	7.7	127.4	0.7	e
3 ABL 80 / Coox	11	81.8	9.1	9.1	126.4	3.8	e*

sO2 OR



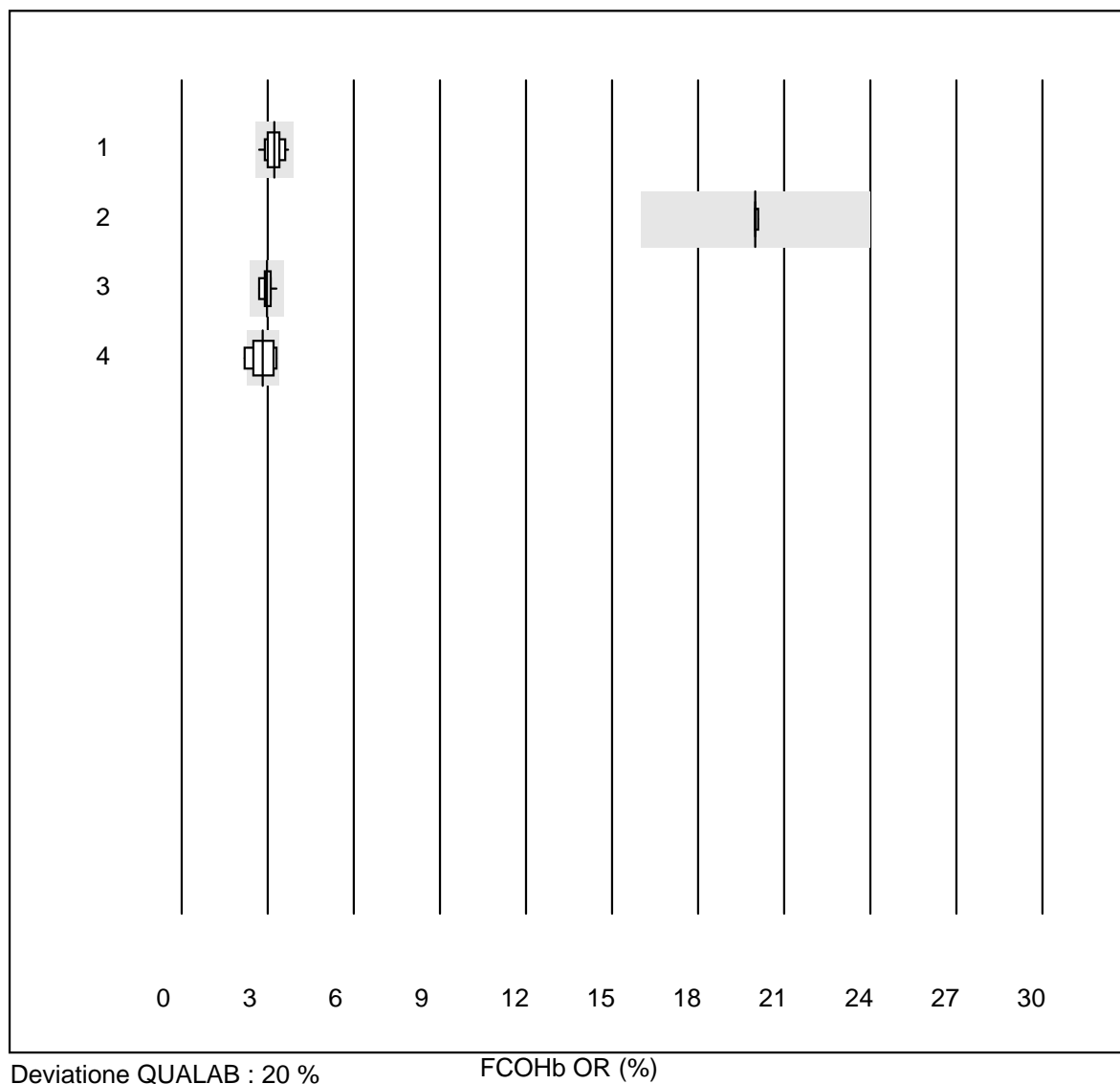
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	54	100.0	0.0	0.0	97.124	0.2	e
2 ABL 90	24	100.0	0.0	0.0	96.983	0.1	e
3 ABL 80 / Coox	10	100.0	0.0	0.0	97.020	0.5	e

FO2Hb OR



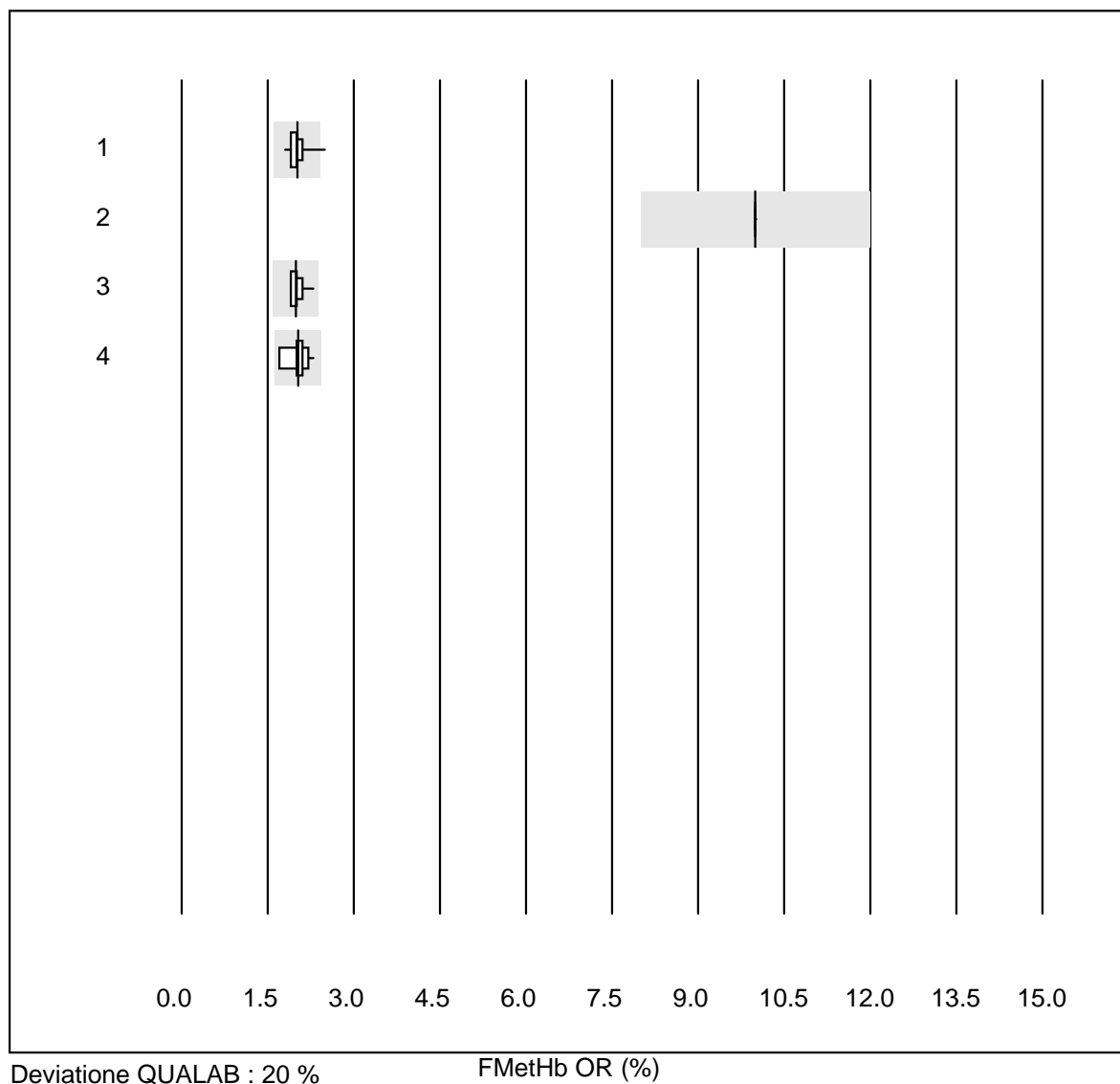
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	50	100.0	0.0	0.0	92.056	0.2	e
2 Radiometer NPT-7	4	100.0	0.0	0.0	49.000	0.1	e
3 ABL 90	24	100.0	0.0	0.0	92.163	0.1	e
4 ABL 80 / Coox	11	100.0	0.0	0.0	92.700	2.0	e

FCOHb OR



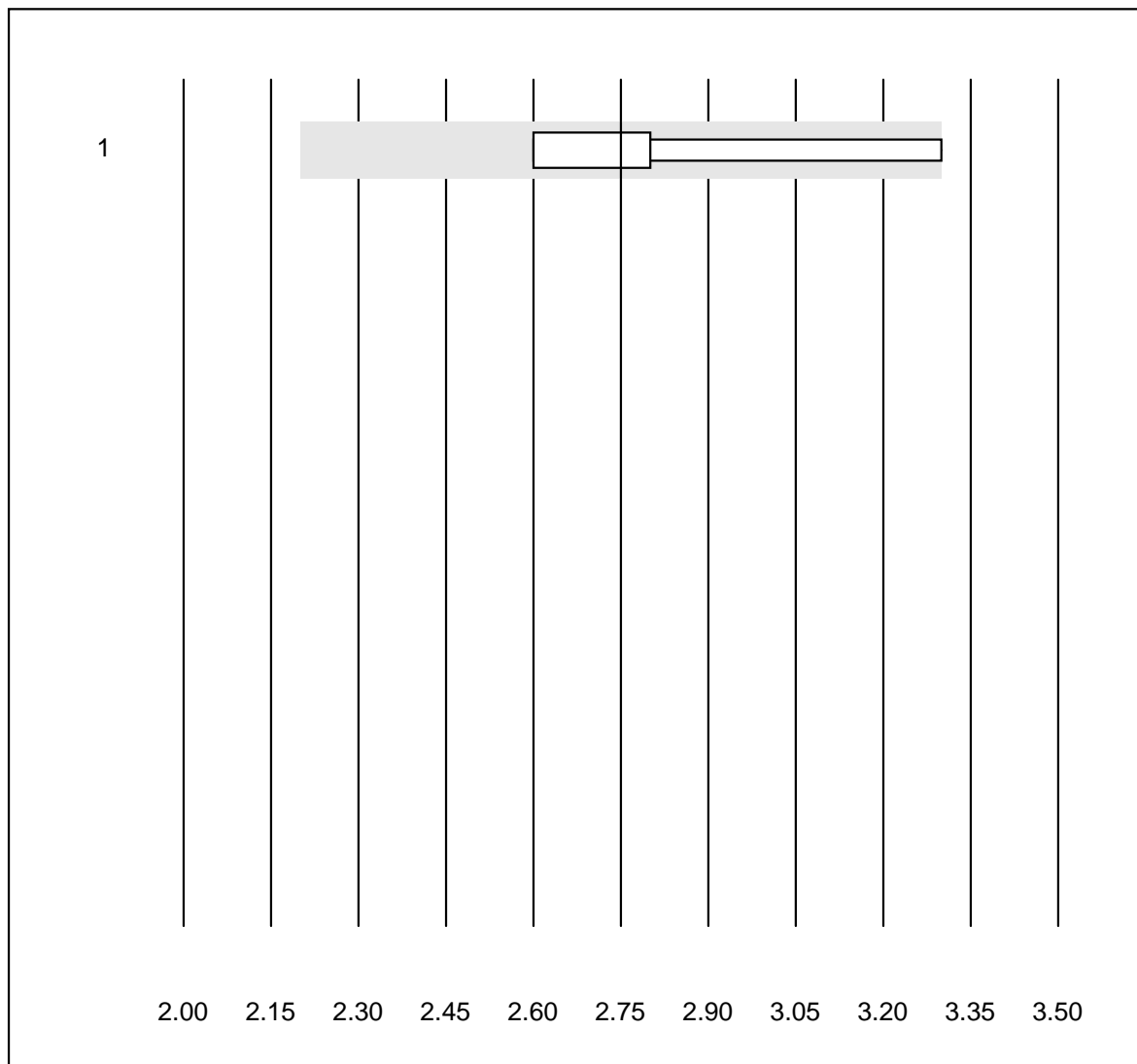
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	51	100.0	0.0	0.0	3.228	7.9	e
2 Radiometer NPT-7	4	100.0	0.0	0.0	20.000	0.2	e
3 ABL 90	24	100.0	0.0	0.0	2.971	5.3	e
4 ABL 80 / Coox	10	80.0	10.0	10.0	2.822	14.3	e*

FMetHb OR



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	52	96.2	3.8	0.0	2.012	7.3	e
2 Radiometer NPT-7	4	100.0	0.0	0.0	10.000	0.0	e
3 ABL 90	24	95.8	0.0	4.2	1.987	4.6	e
4 ABL 80 / Coox	11	90.9	0.0	9.1	2.030	8.1	e*

FHHb

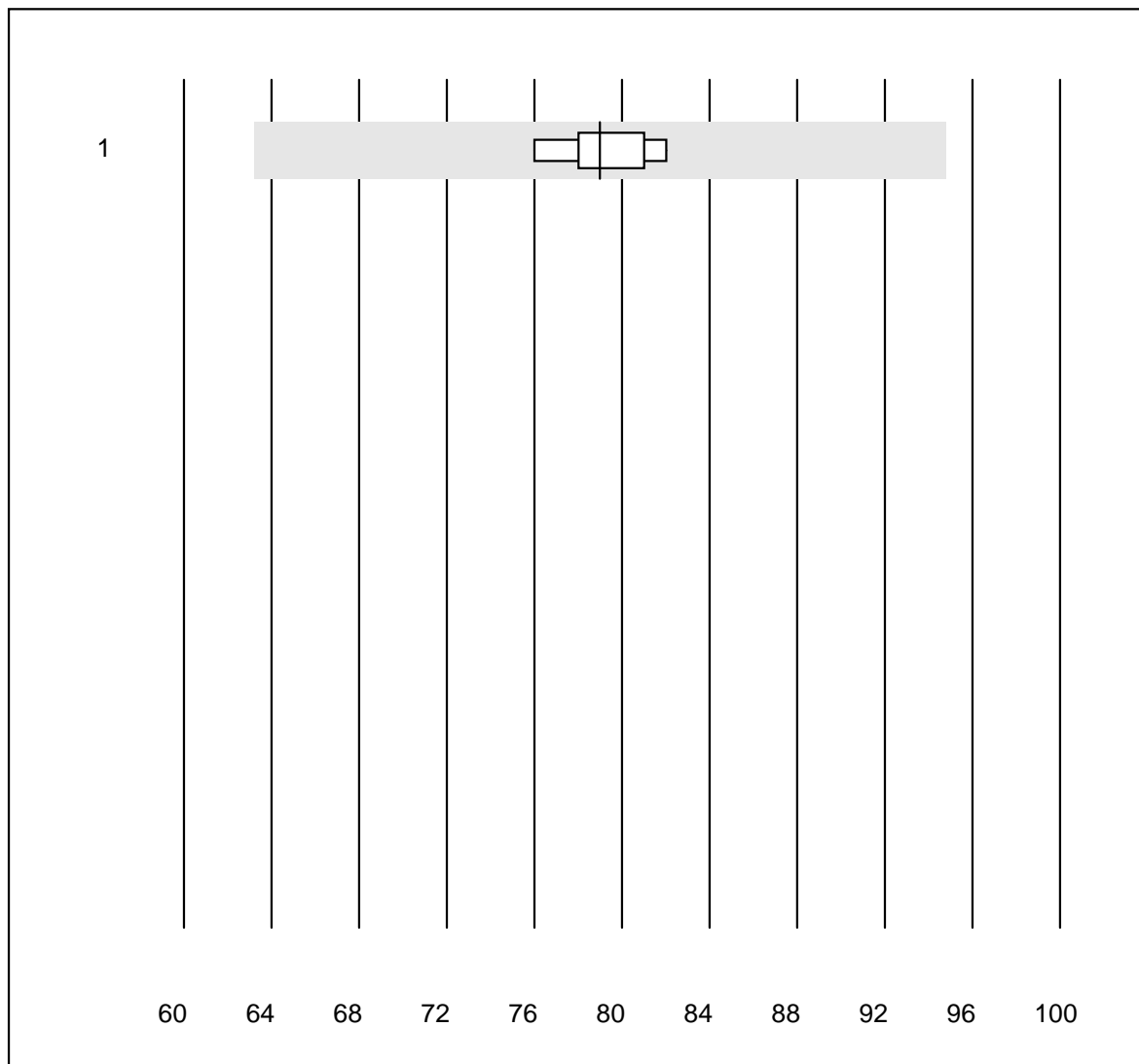


Deviazione QUALAB : 20 %

FHHb (%)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL 80 / Coox	4	75.0	25.0	0.0	2.750	10.9	e*

FHbF OR

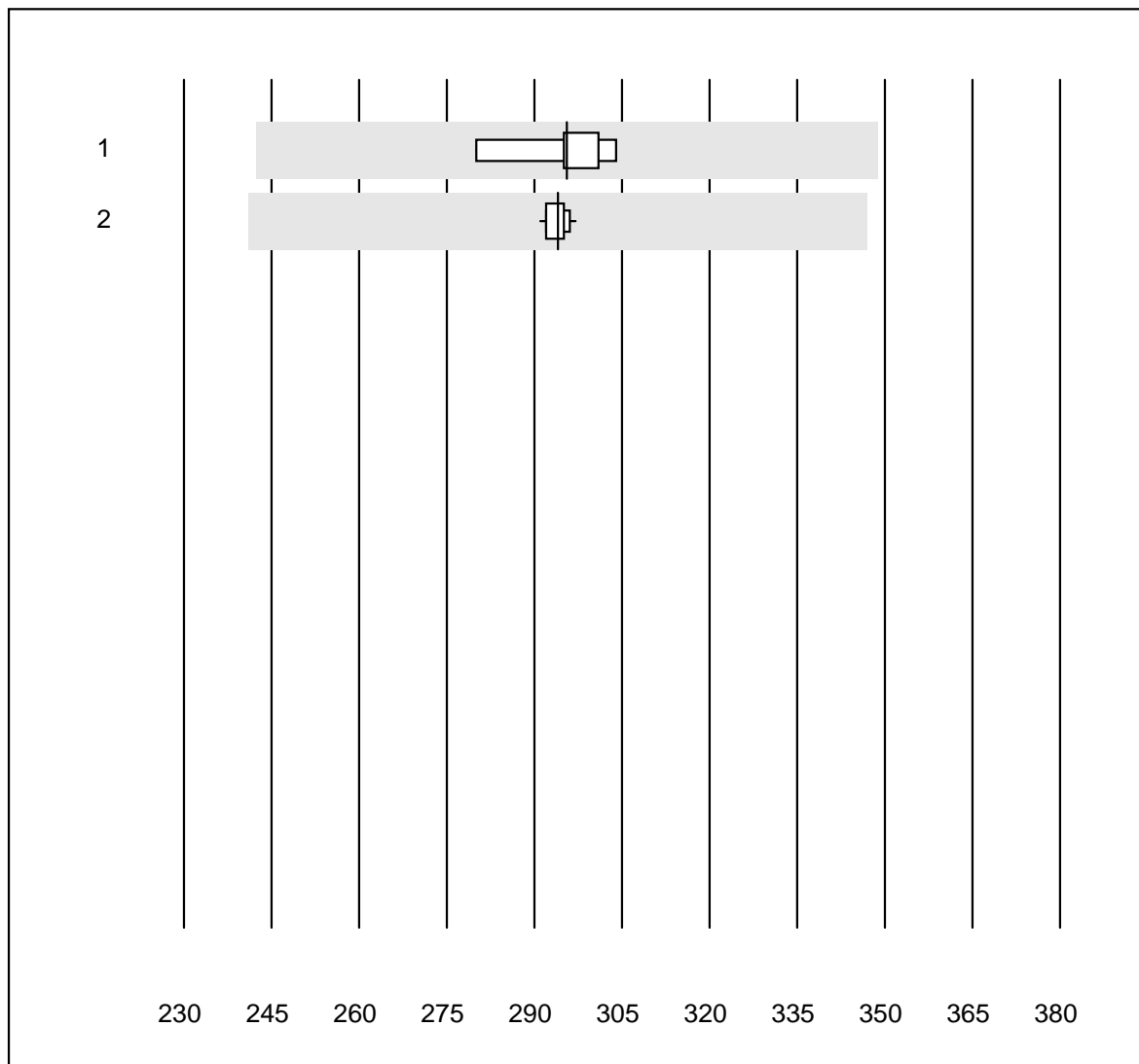


Deviazione QUALAB : 20 %

FHbF OR (%)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL 90	6	100.0	0.0	0.0	79.000	2.7	e

Bilirubin OR

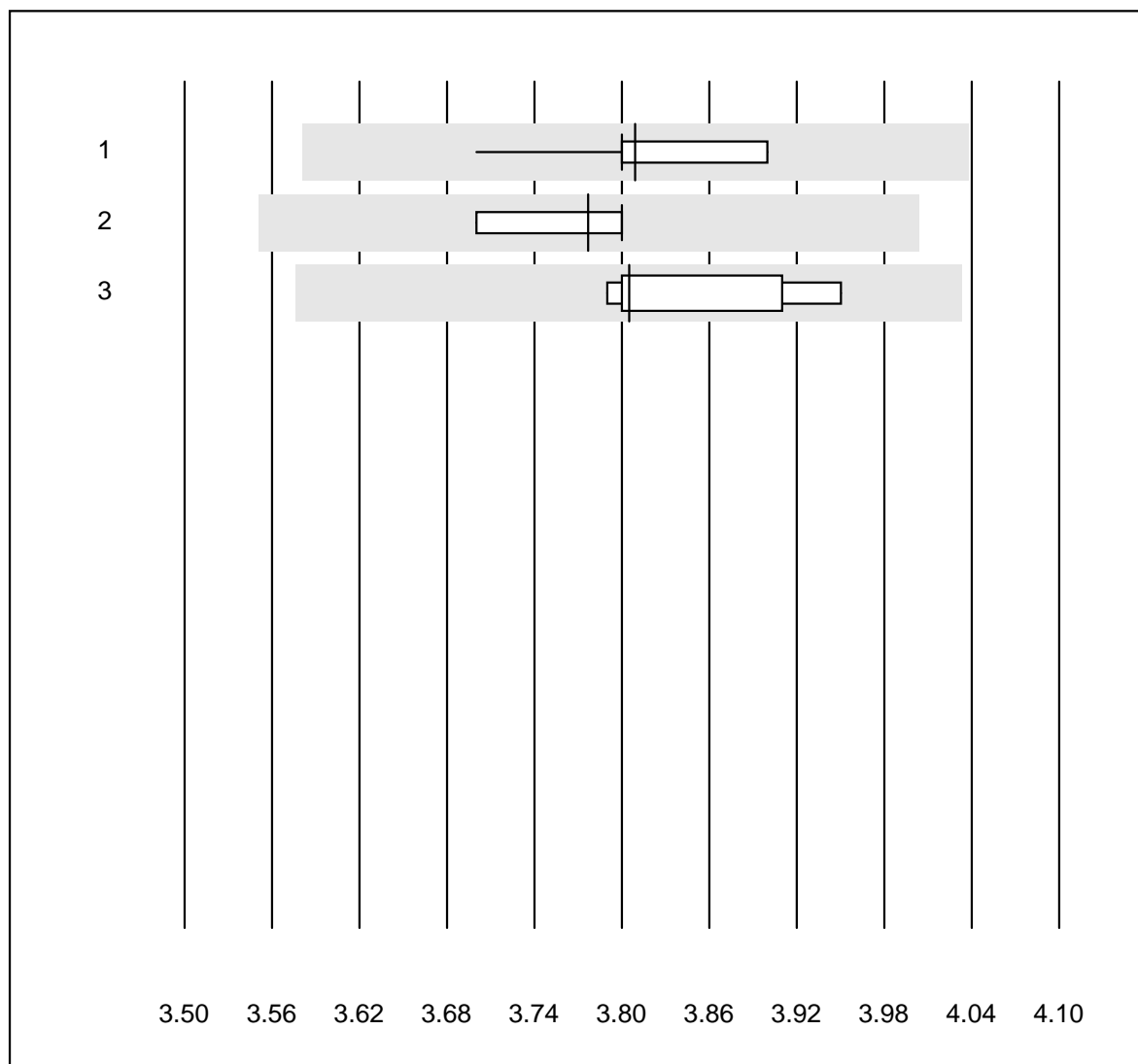


Deviazione QUALAB : 18 %

Bilirubin OR (µmol/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	8	100.0	0.0	0.0	295.5	2.5	e
2 ABL 90	11	100.0	0.0	0.0	294.0	0.6	e

Kalium OR

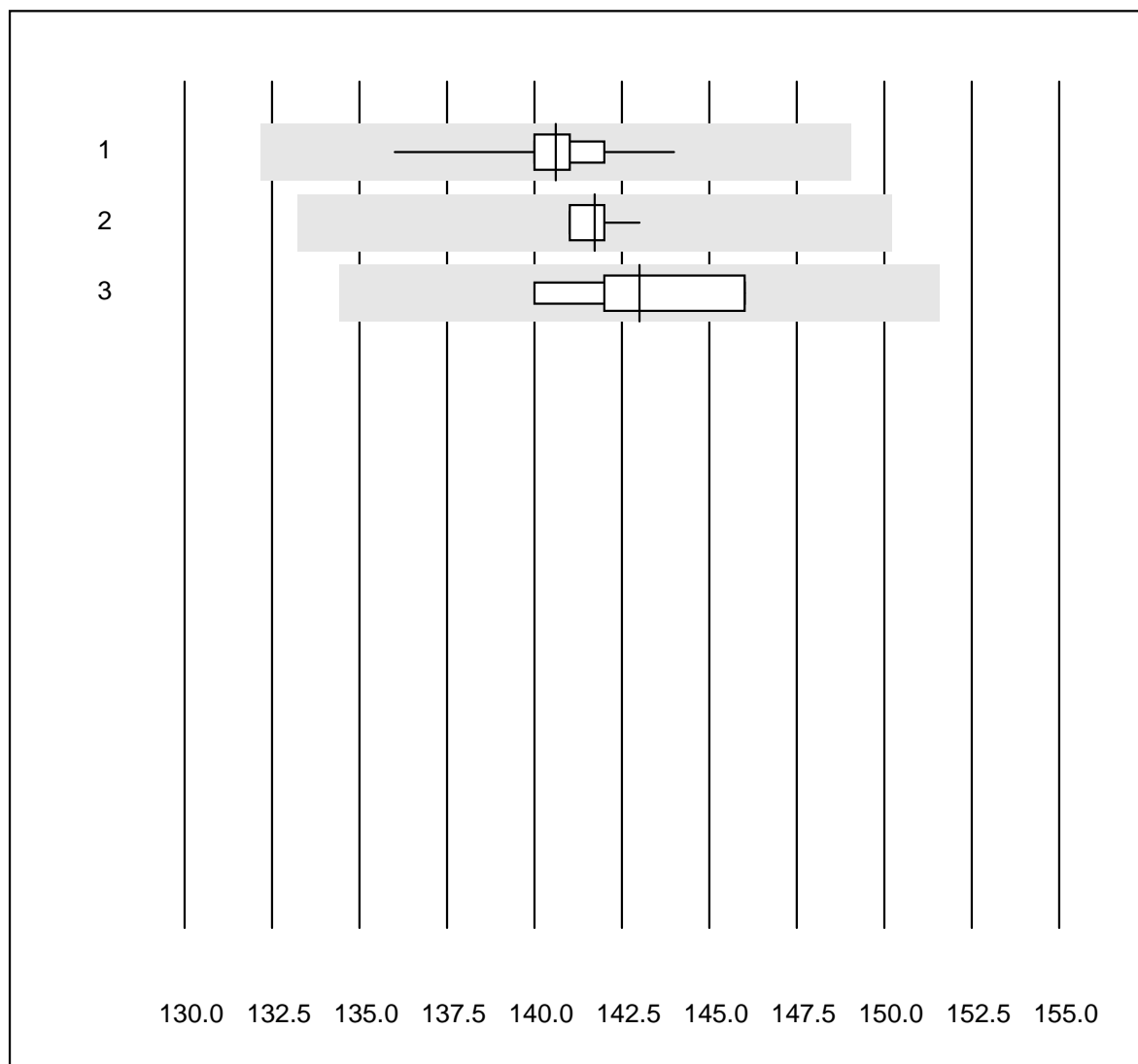


Deviazione QUALAB : 6 %

Kalium OR (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	66	100.0	0.0	0.0	3.8	1.1	e
2 ABL 90	26	100.0	0.0	0.0	3.8	1.1	e
3 ABL 80 / Coox	6	100.0	0.0	0.0	3.8	1.8	e*

Natrium OR

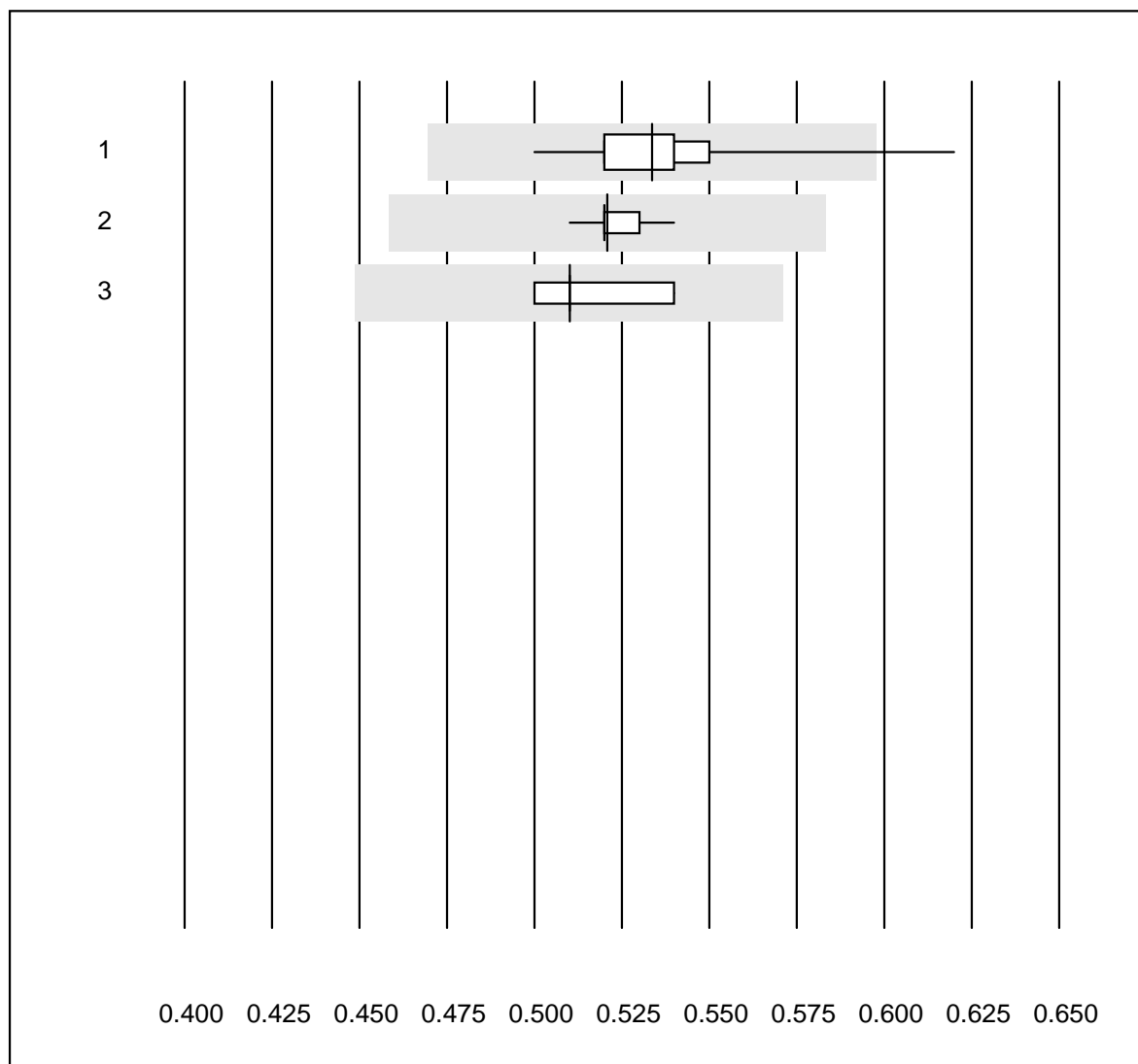


Deviazione QUALAB : 6 %

Natrium OR (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	64	100.0	0.0	0.0	140.6	0.8	e
2 ABL 90	26	100.0	0.0	0.0	141.7	0.4	e
3 ABL 80 / Coox	5	100.0	0.0	0.0	143.0	1.8	e*

Kalzium OR

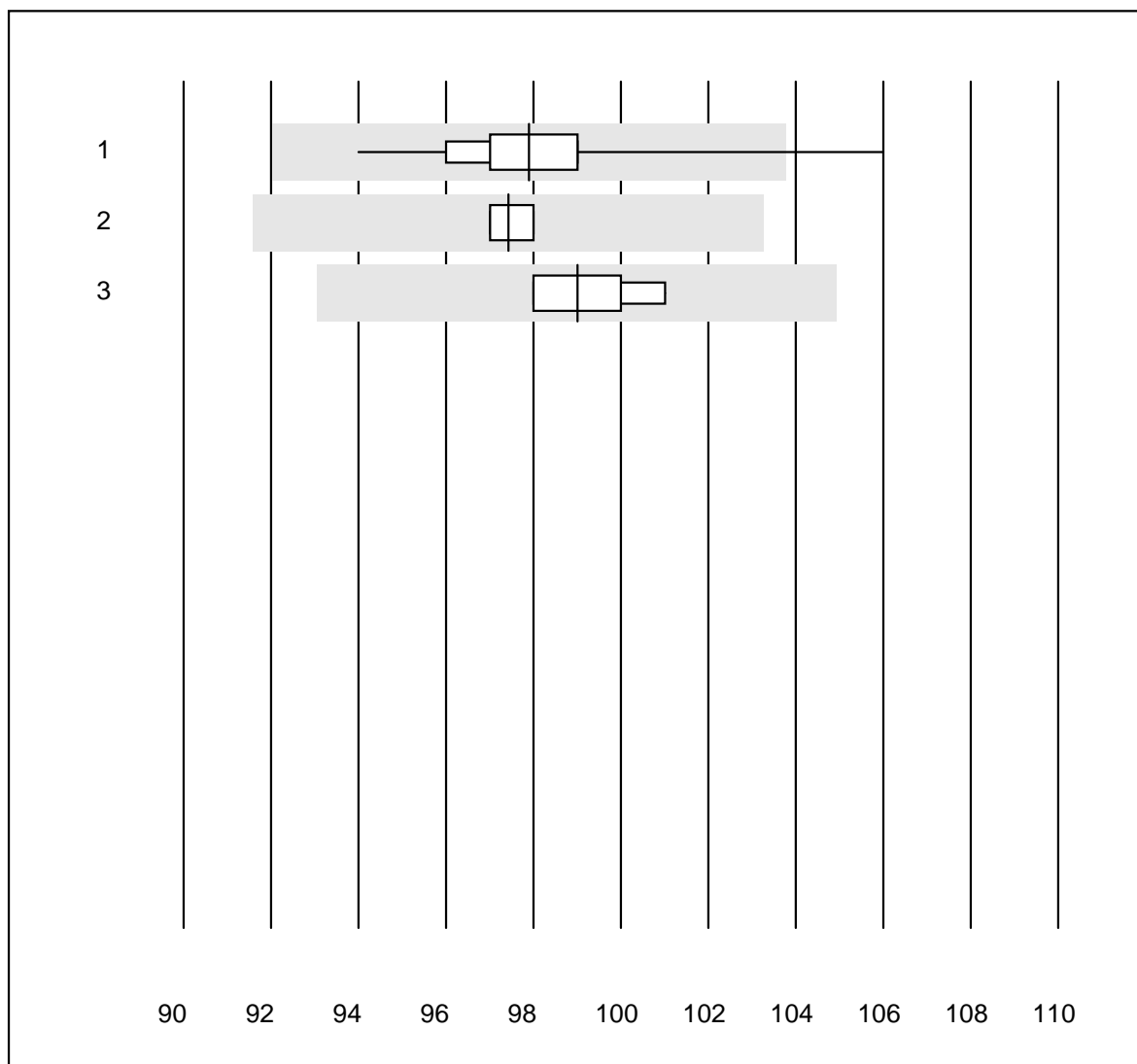


Deviazione QUALAB : 12 %

Kalzium OR (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	65	96.9	3.1	0.0	0.53	3.8	e
2 ABL 90	26	100.0	0.0	0.0	0.52	1.1	e
3 ABL 80 / Coox	5	100.0	0.0	0.0	0.51	3.0	e

Chlorid OR

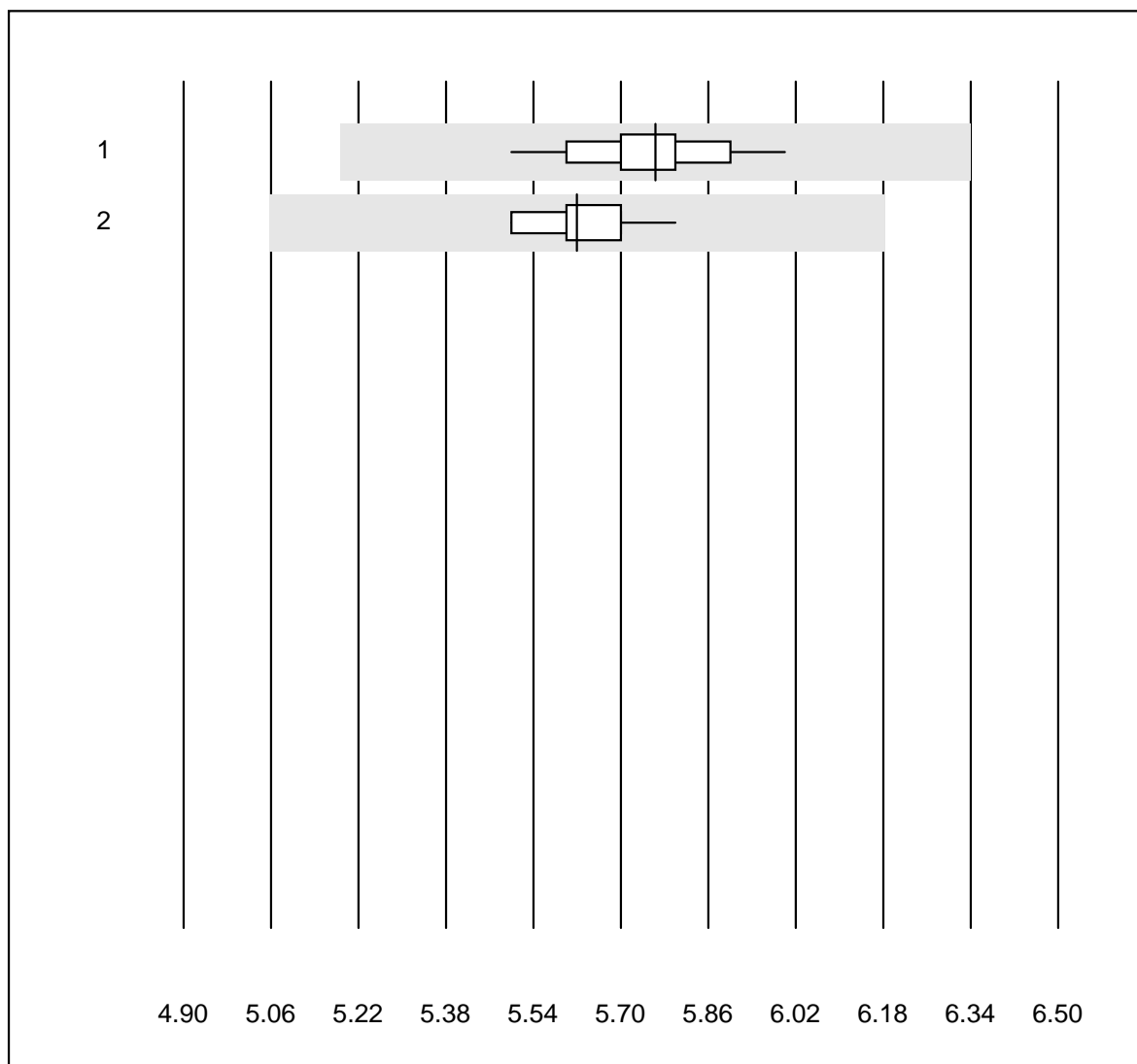


Deviazione QUALAB : 6 %

Chlorid OR (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	53	98.1	1.9	0.0	97.91	1.7	e
2 ABL 90	26	100.0	0.0	0.0	97.42	0.5	e
3 ABL 80 / Coox	5	100.0	0.0	0.0	99.00	1.3	e

Glucose OR

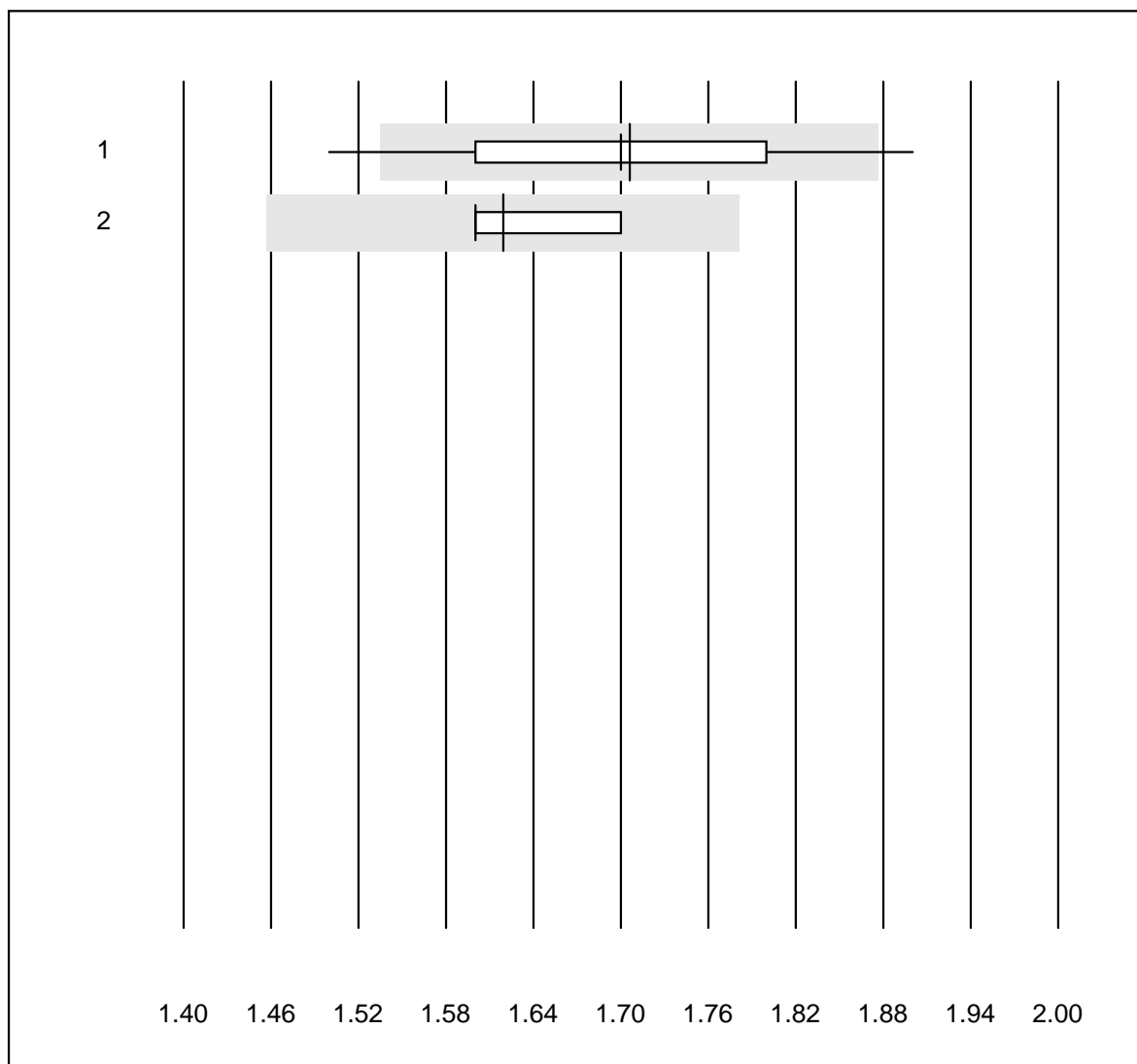


Deviazione QUALAB : 10 %

Glucose OR (mmol/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	65	100.0	0.0	0.0	5.8	1.9	e
2 ABL 90	26	100.0	0.0	0.0	5.6	1.6	e

Laktat OR

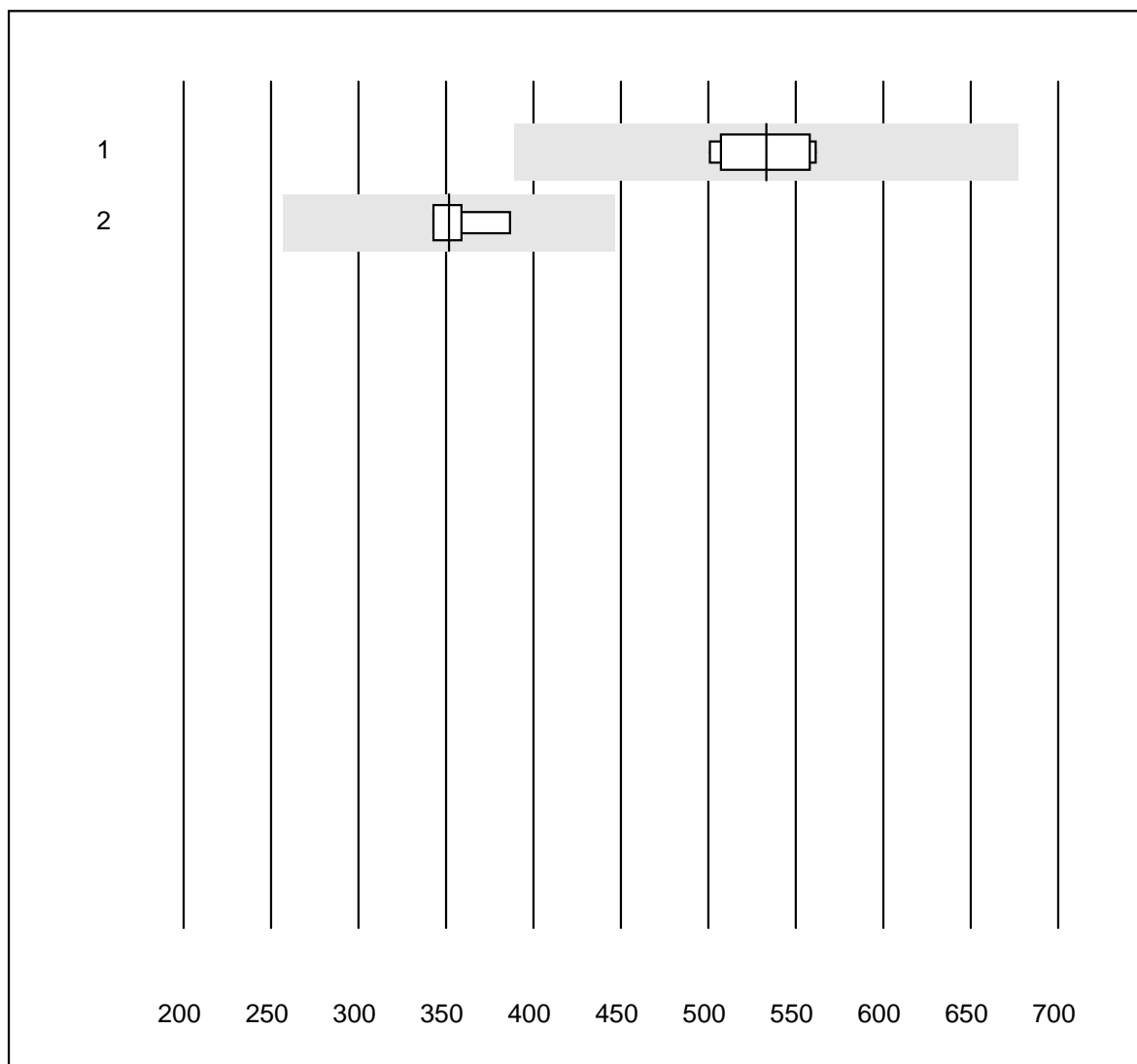


Deviazione QUALAB : 10 %

Laktat OR (mmol/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800 Radiomete	68	97.1	2.9	0.0	1.71	3.9	e
2 ABL 90	26	100.0	0.0	0.0	1.62	2.5	e

BNP Plasma

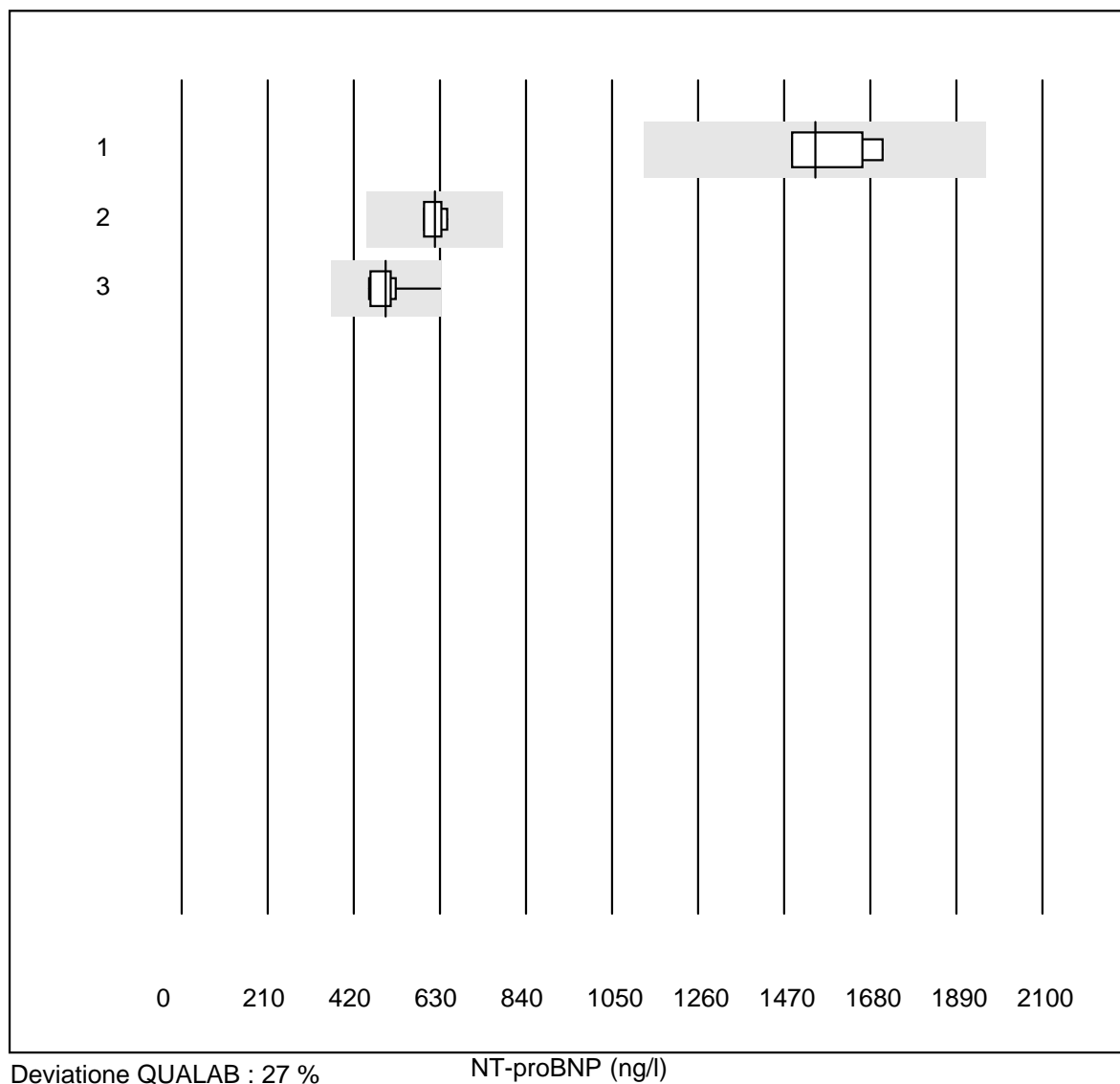


Deviazione QUALAB : 27 %

BNP Plasma (ng/l)

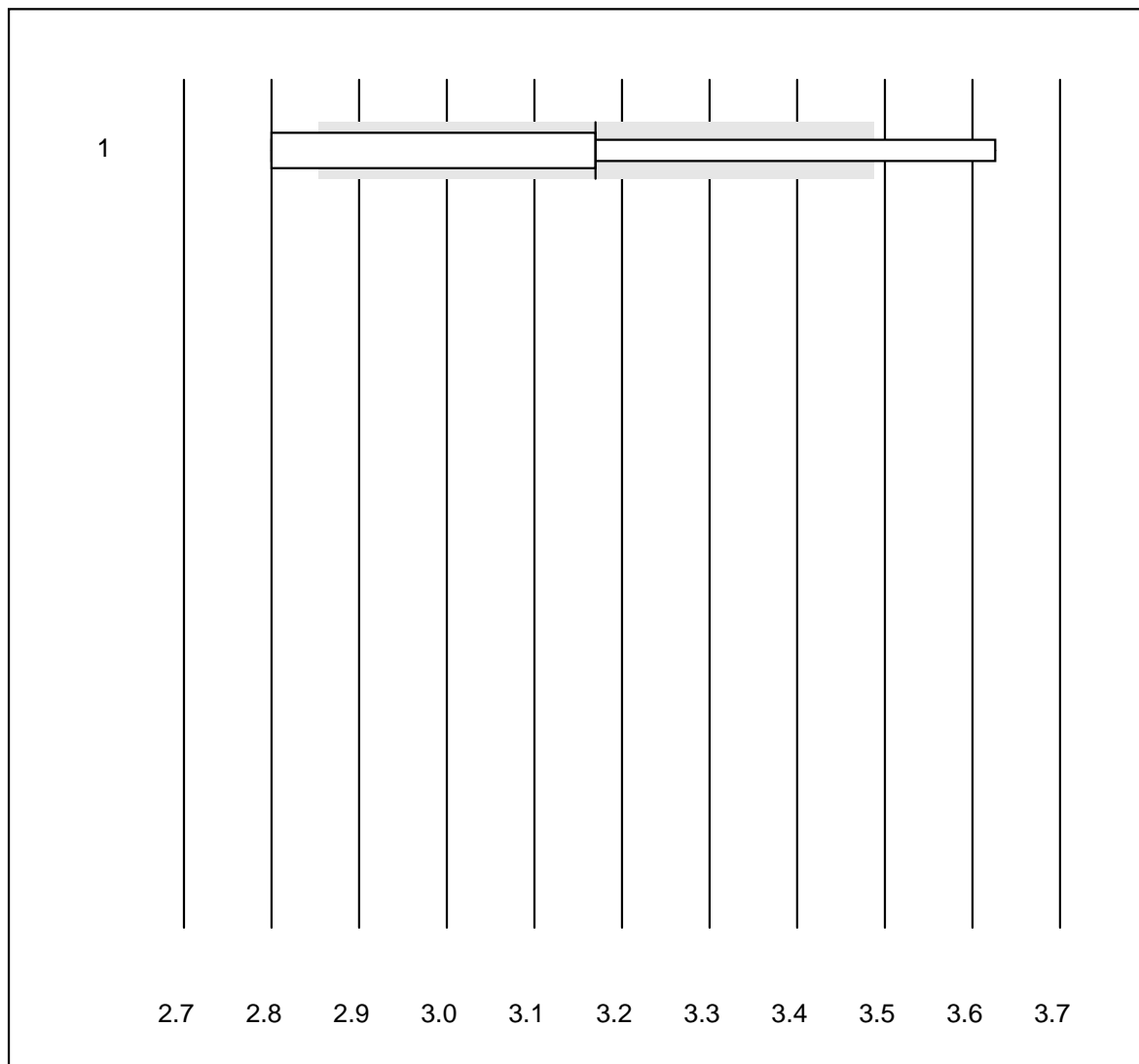
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ADVIA Centaur XP/CP	5	100.0	0.0	0.0	533.0	5.3	e
2 Architect	4	100.0	0.0	0.0	351.5	5.7	e

NT-proBNP



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 AQT 90 FLEX	5	100.0	0.0	0.0	1545.0	6.2	e
2 Vidas	4	100.0	0.0	0.0	617.0	4.4	e
3 Cobas E / Elecsys	11	100.0	0.0	0.0	496.8	9.9	e

Cholesterin PTS

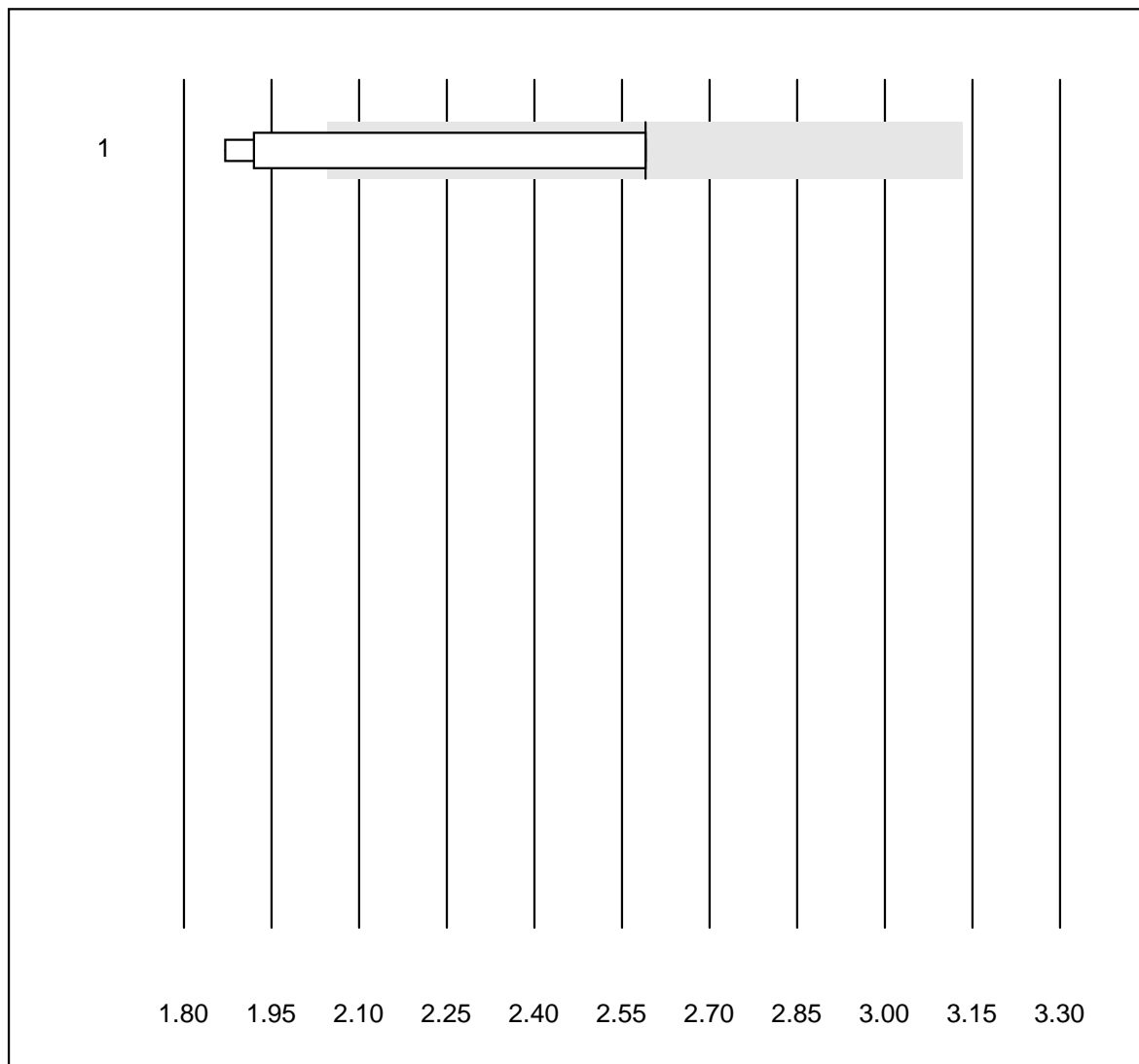


Deviazione QUALAB : 10 %

Cholesterin PTS (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 CardioChek	5	40.0	40.0	20.0	3.2	10.7	e*

Cholesterin HDL PTS

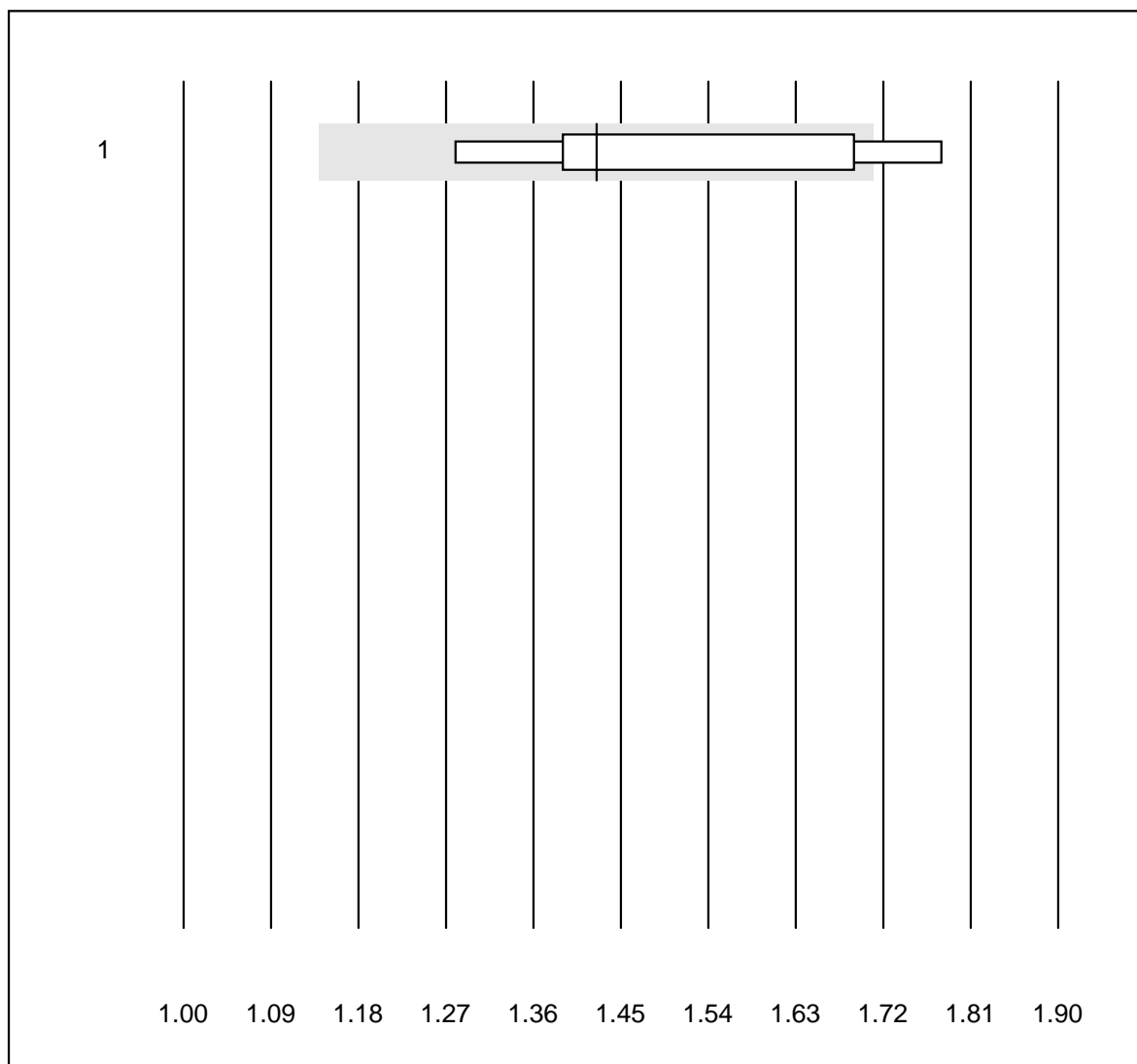


Deviazione QUALAB : 21 %

Cholesterin HDL PTS (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 CardioChek	5	60.0	40.0	0.0	2.6	16.5	e*

Triglyceride PTS

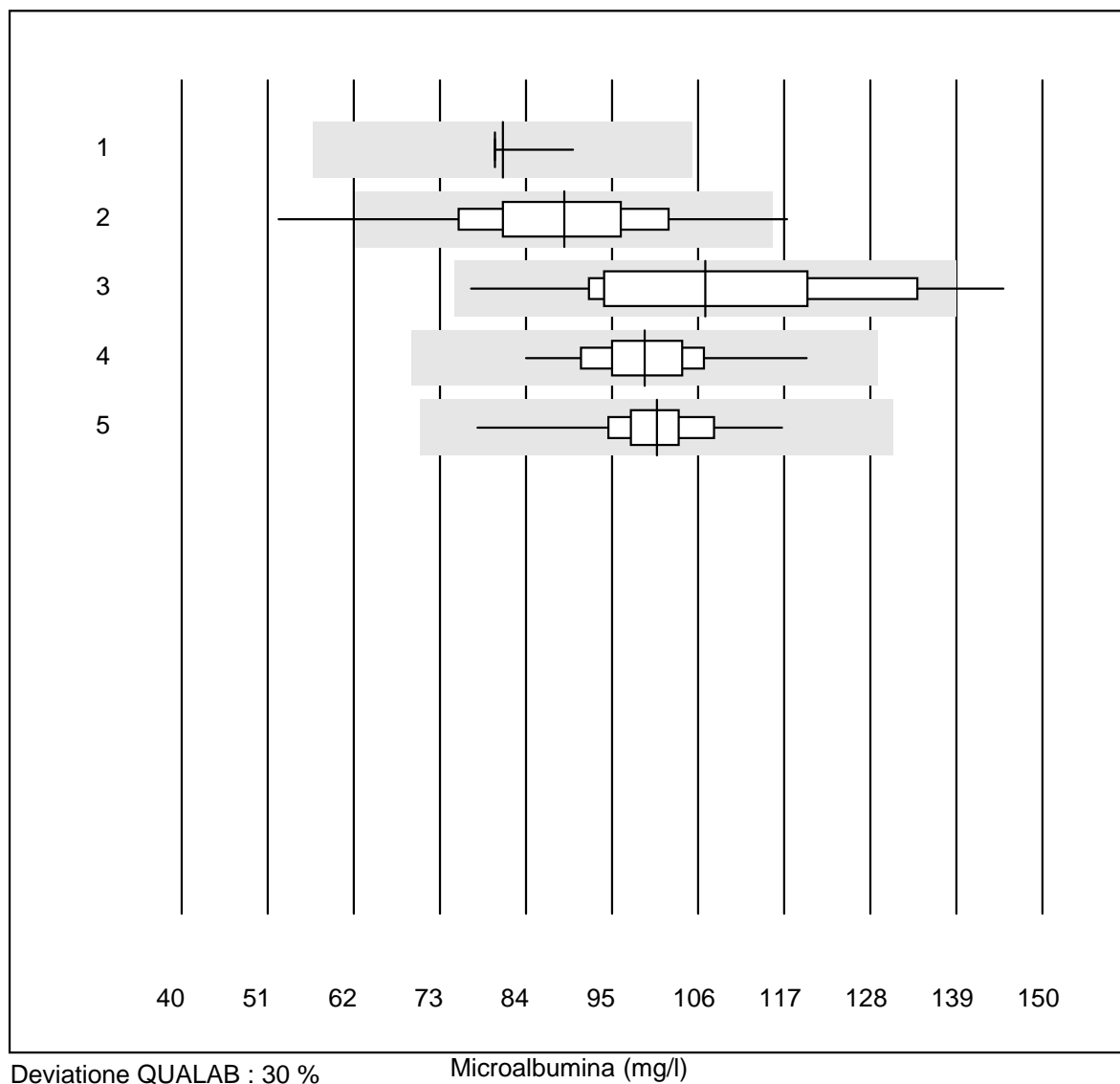


Deviazione QUALAB : 20 %

Triglyceride PTS (mmol/l)

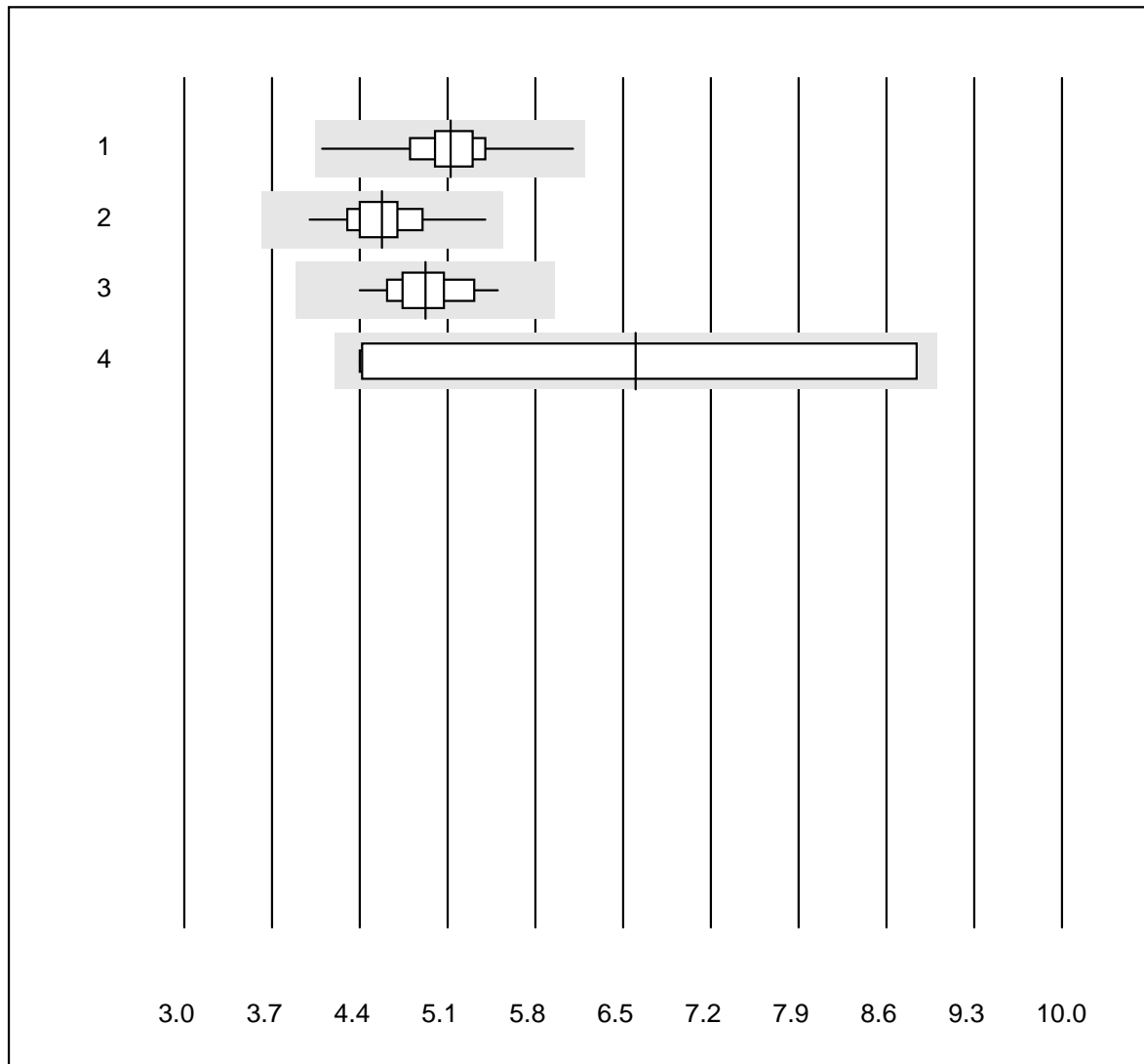
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 CardioChek	5	80.0	20.0	0.0	1.43	14.0	e*

Microalbumina



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Siemens Clinitek	11	90.9	0.0	9.1	81.0	3.9	e
2 Afinion	326	96.1	1.8	2.1	88.9	12.1	e
3 NycoCard	16	87.4	6.3	6.3	106.9	16.5	e*
4 Turbidimetrie	18	100.0	0.0	0.0	99.2	7.9	e
5 DCA2000/Vantage	113	95.6	0.0	4.4	100.8	5.6	e

Creatinina urina

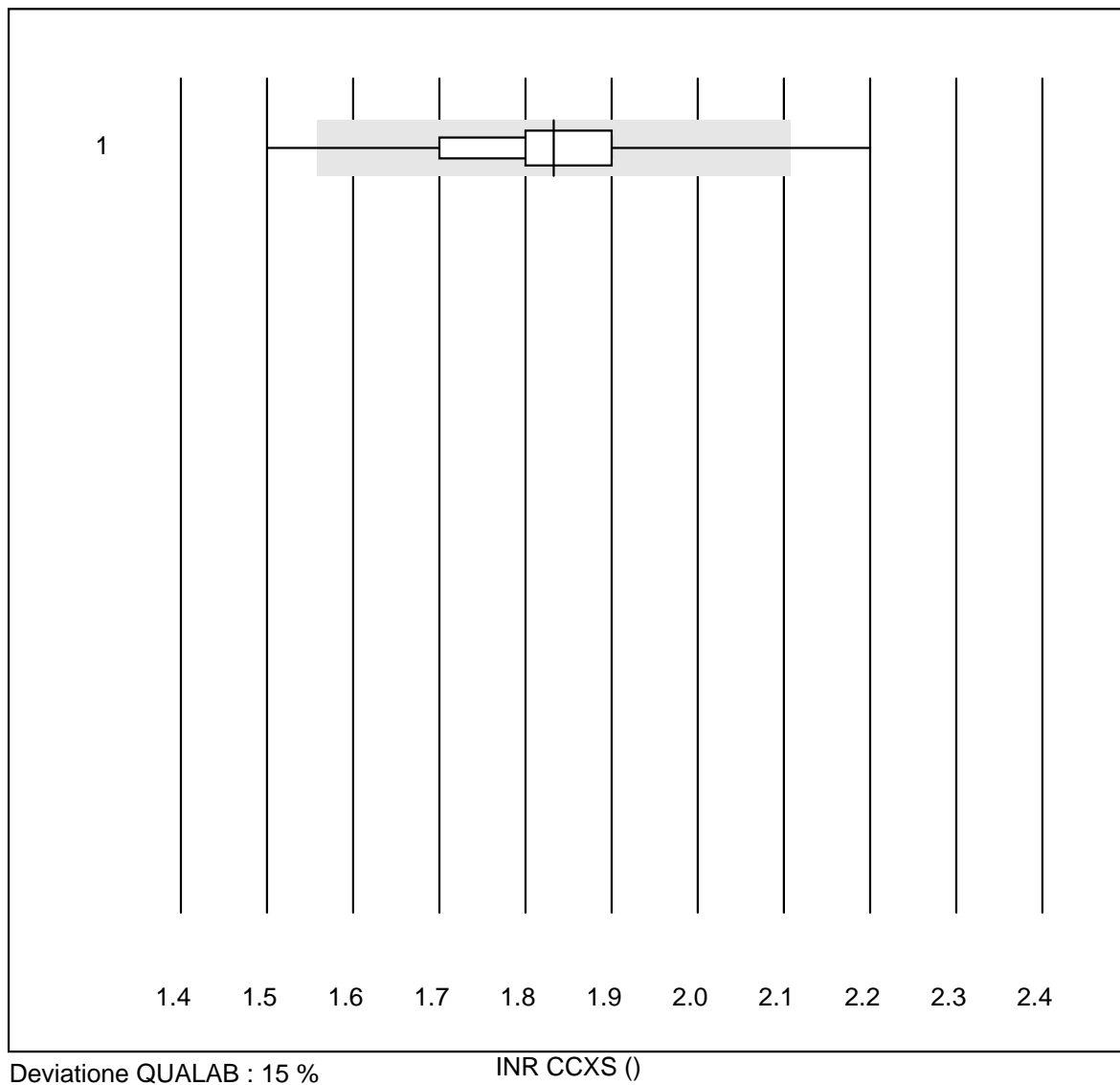


Deviazione QUALAB : 21 %

Creatinina urina (mmol/l)

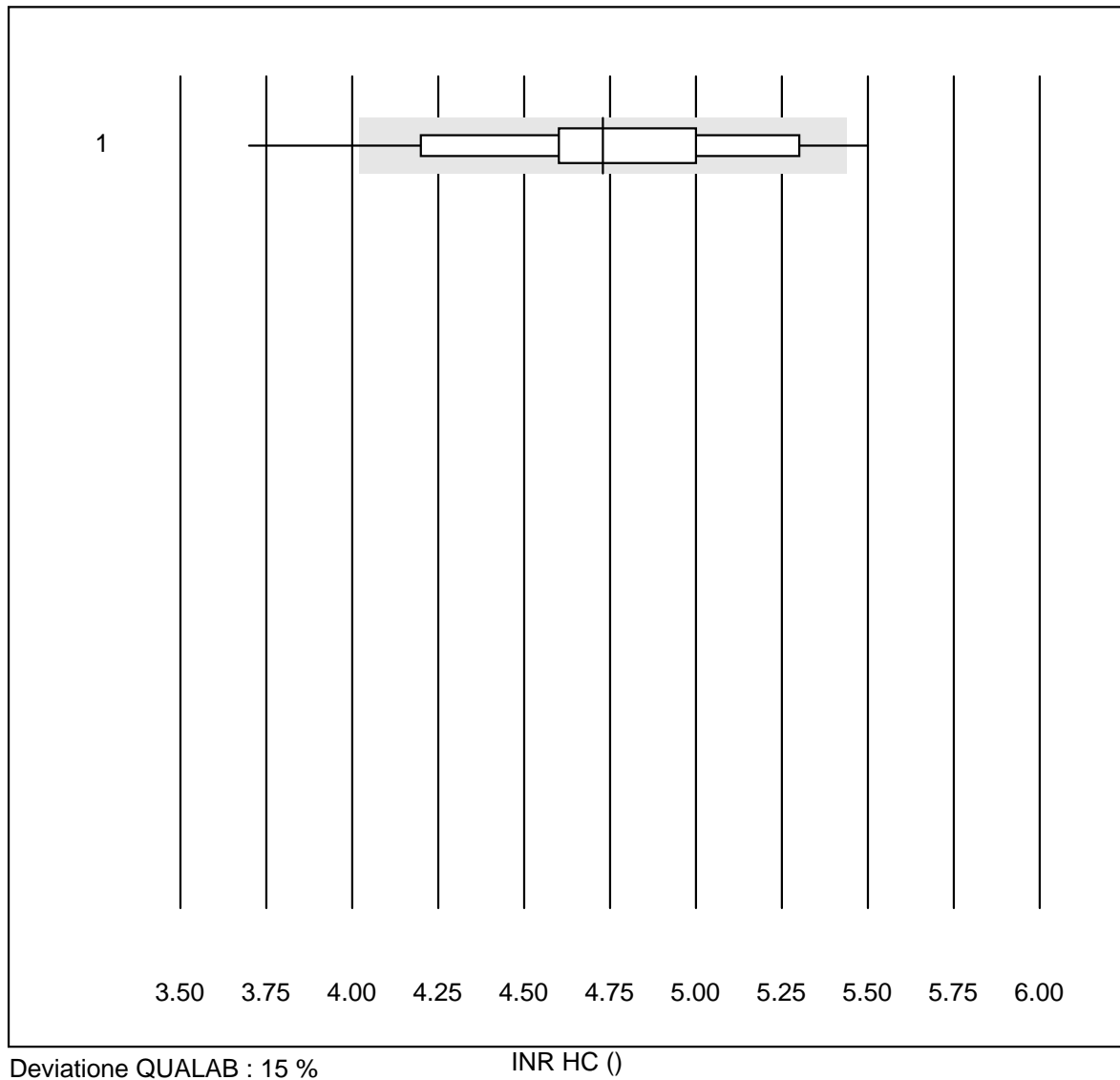
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 DCA2000/Vantage	112	96.4	0.0	3.6	5.1	5.2	e
2 Afinion	327	98.5	0.0	1.5	4.6	5.6	e
3 Chimica umida	27	100.0	0.0	0.0	4.9	5.3	e
4 Siemens Clinitek	10	80.0	0.0	20.0	6.6	31.8	a

INR CCXS



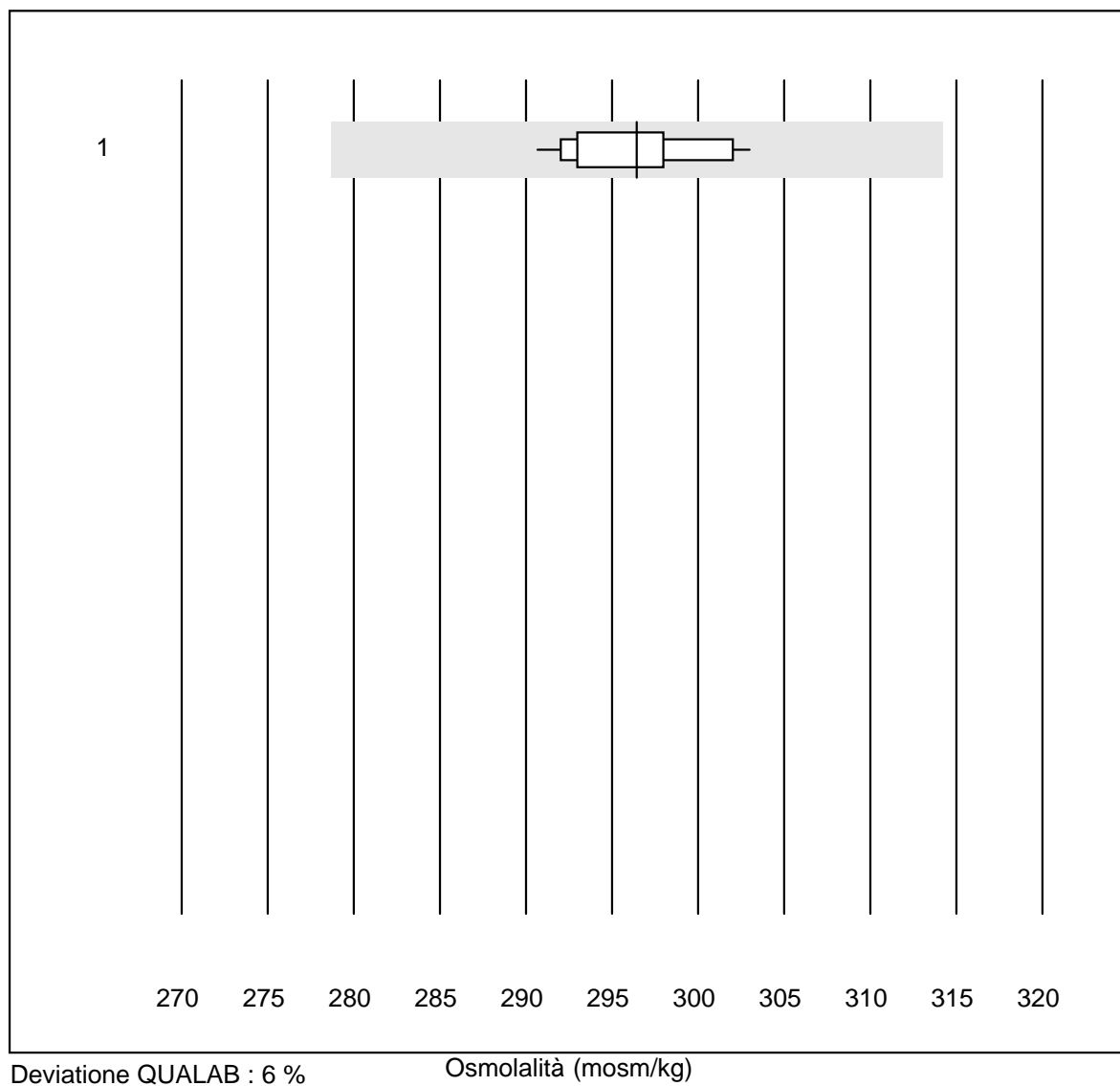
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 CoaguChek XS	2335	99.1	0.3	0.6	1.8	4.3	e

INR HC



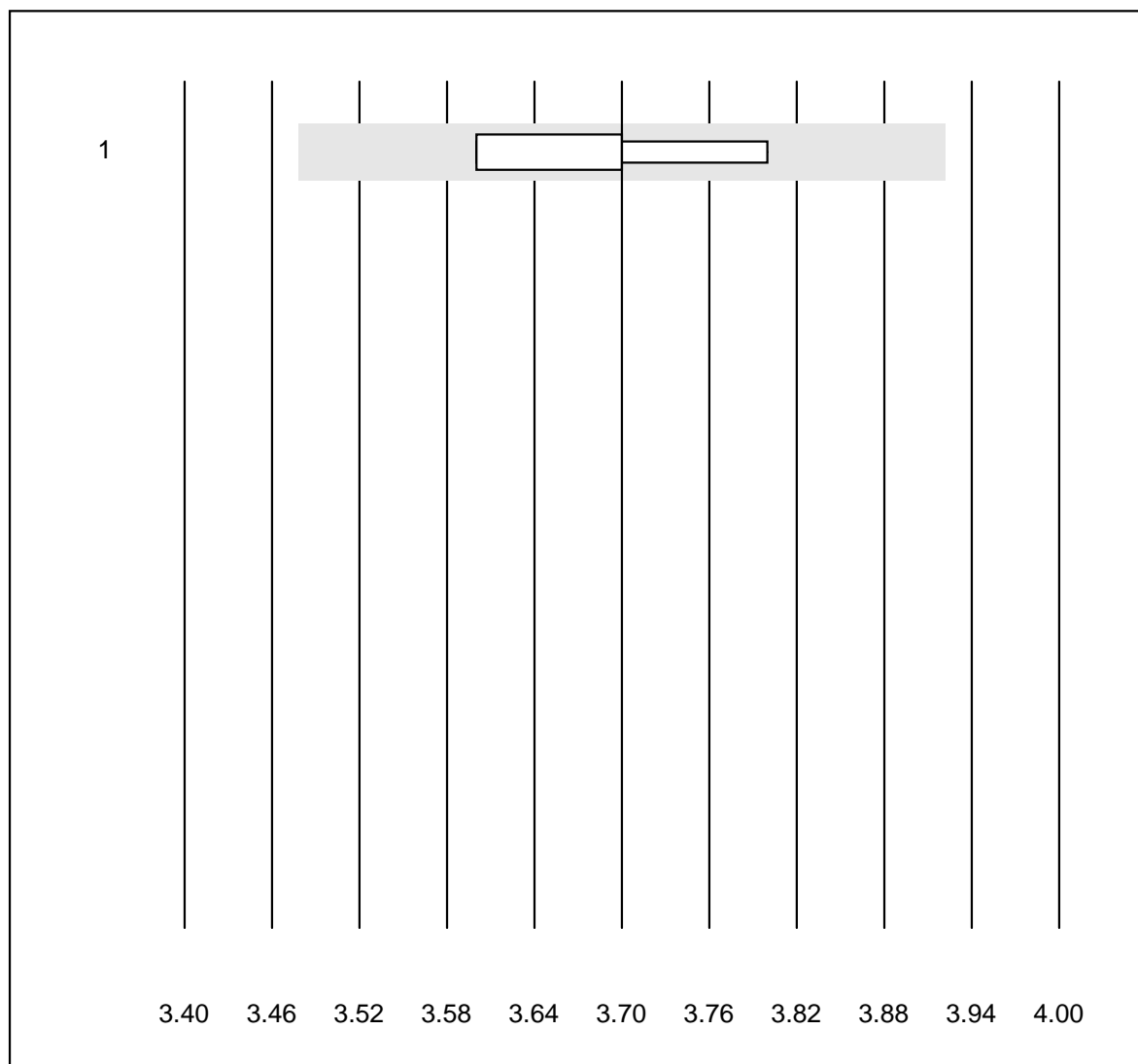
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Hemochron j.	20	60.0	10.0	30.0	4.7	10.1	e*

Osmolalità



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cryoscopia	11	100.0	0.0	0.0	296	1.3	e

Kalium - K22

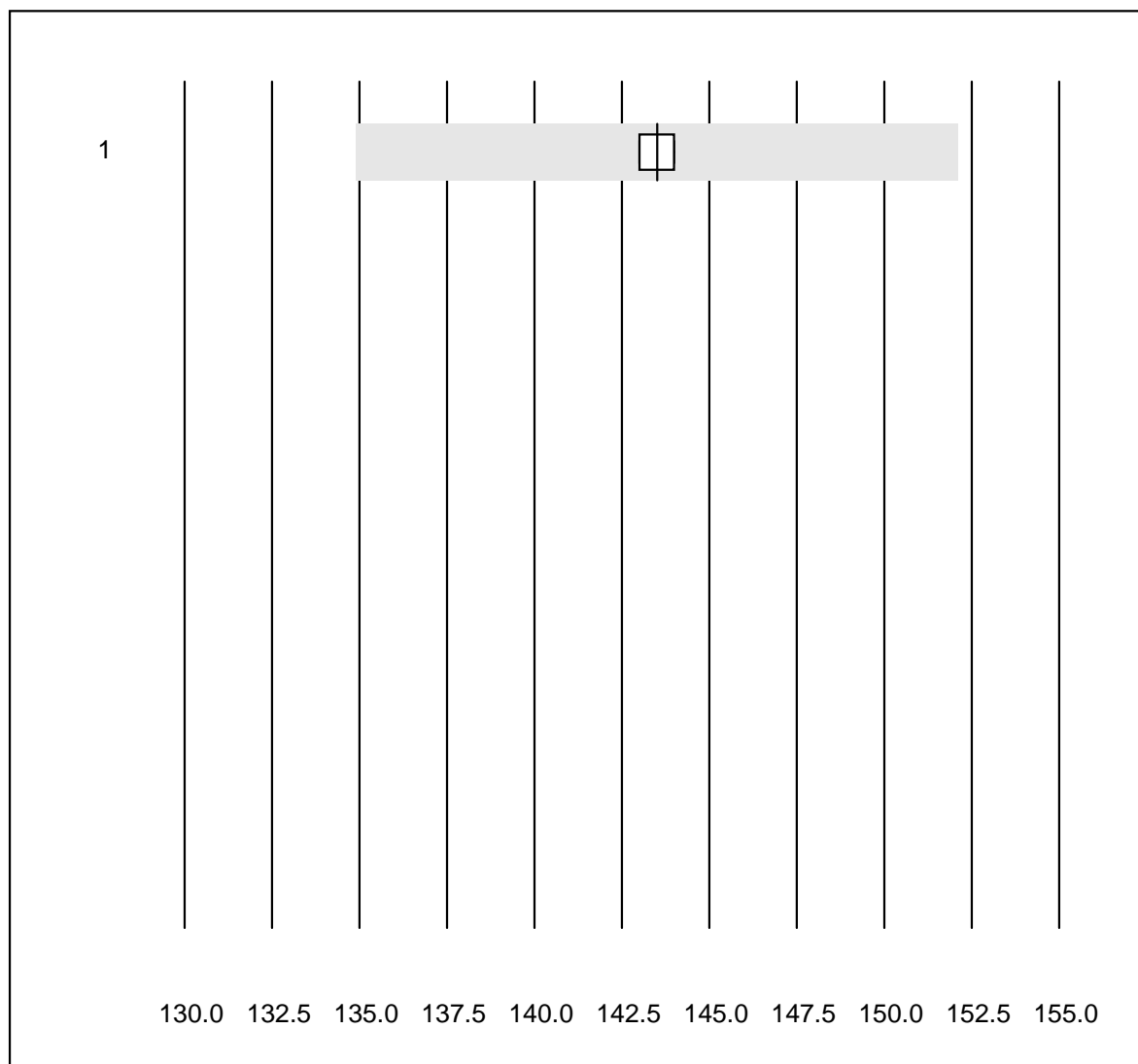


Deviazione QUALAB : 6 %

Kalium - K22 (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ISE	8	100.0	0.0	0.0	3.7	1.8	e

Natrium - K22

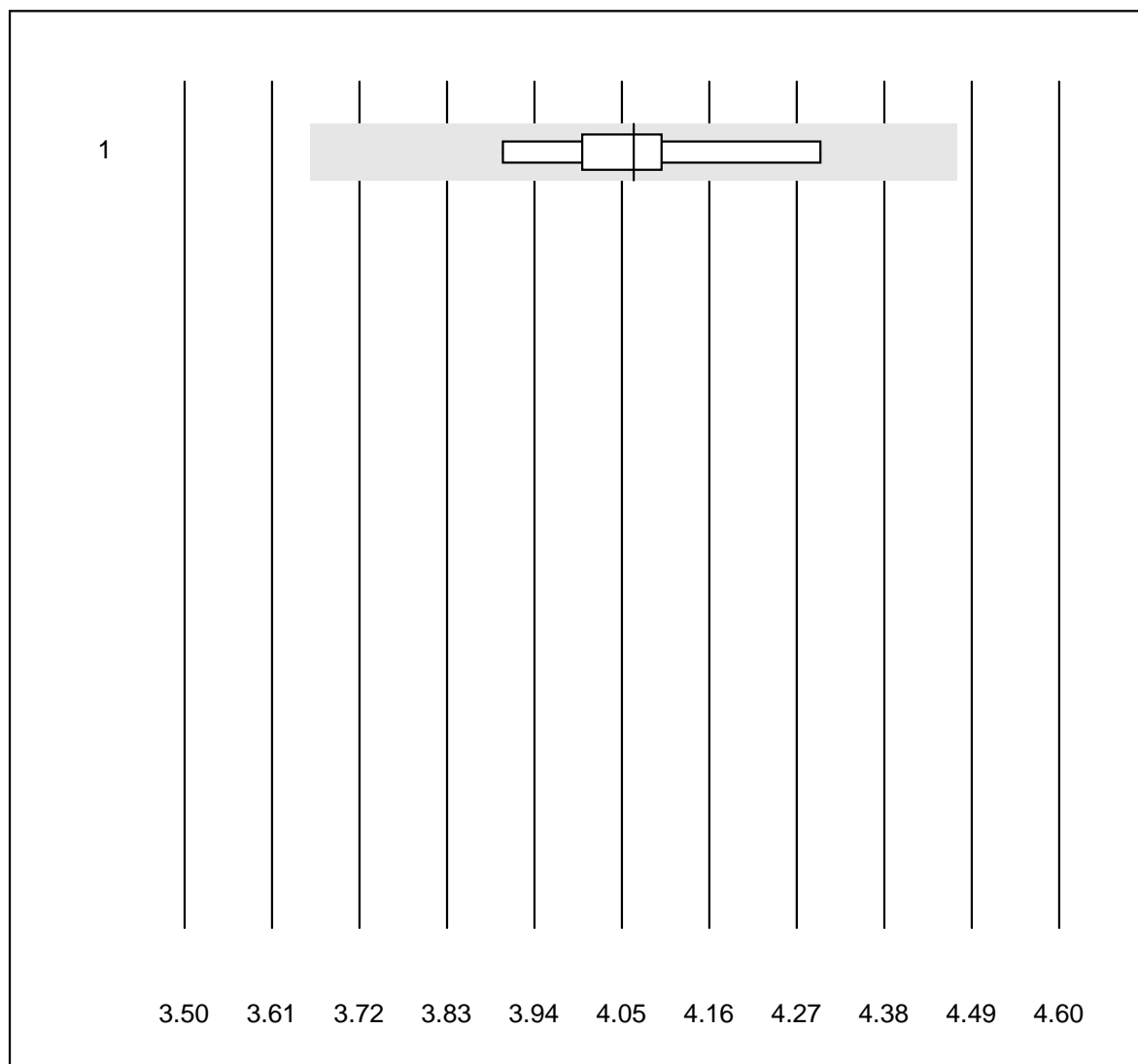


Deviazione QUALAB : 6 %

Natrium - K22 (mmol/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ISE	8	100.0	0.0	0.0	144	0.4	e

Glukose - K22

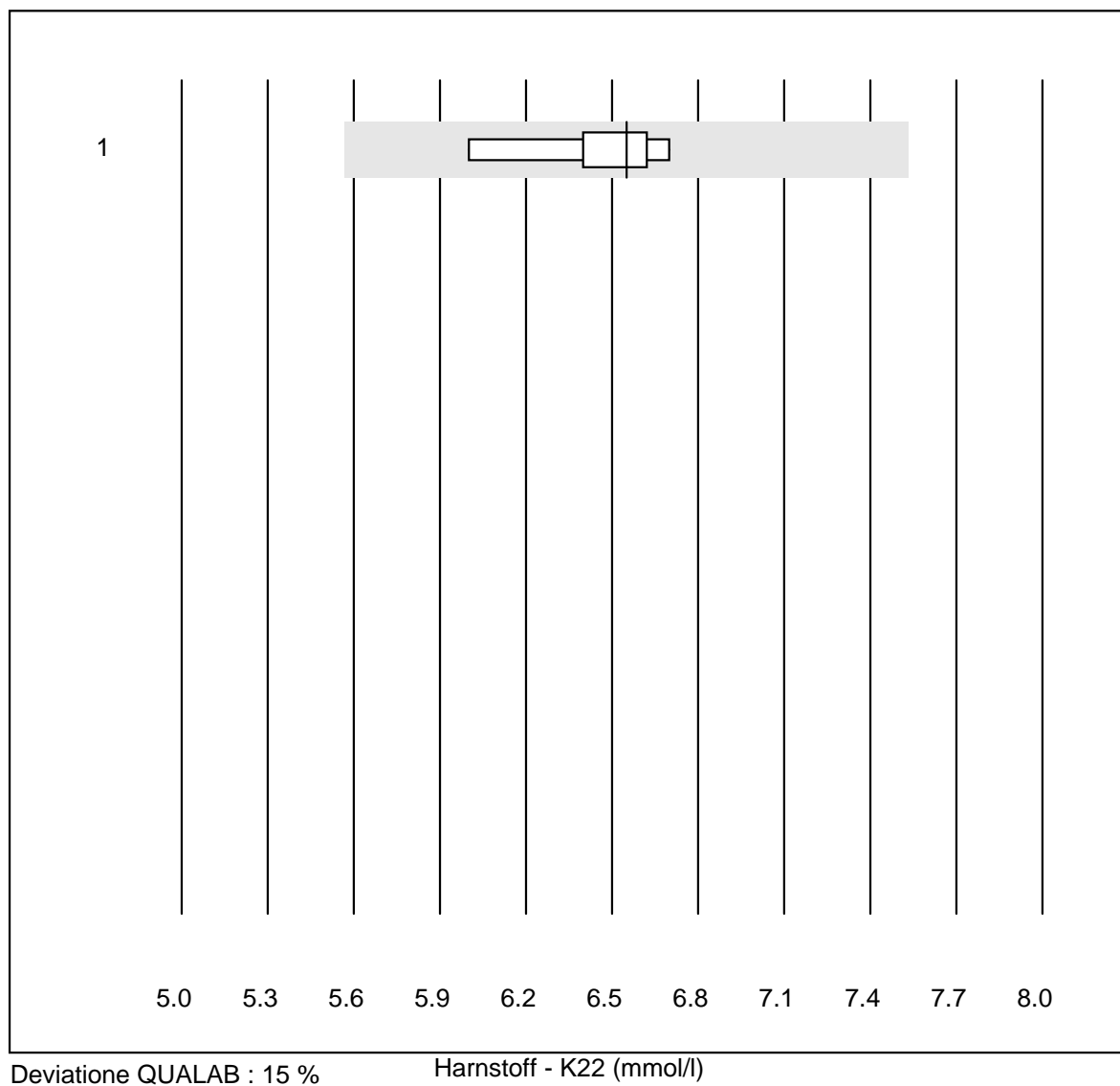


Deviazione QUALAB : 10 %

Glukose - K22 (mmol/l)

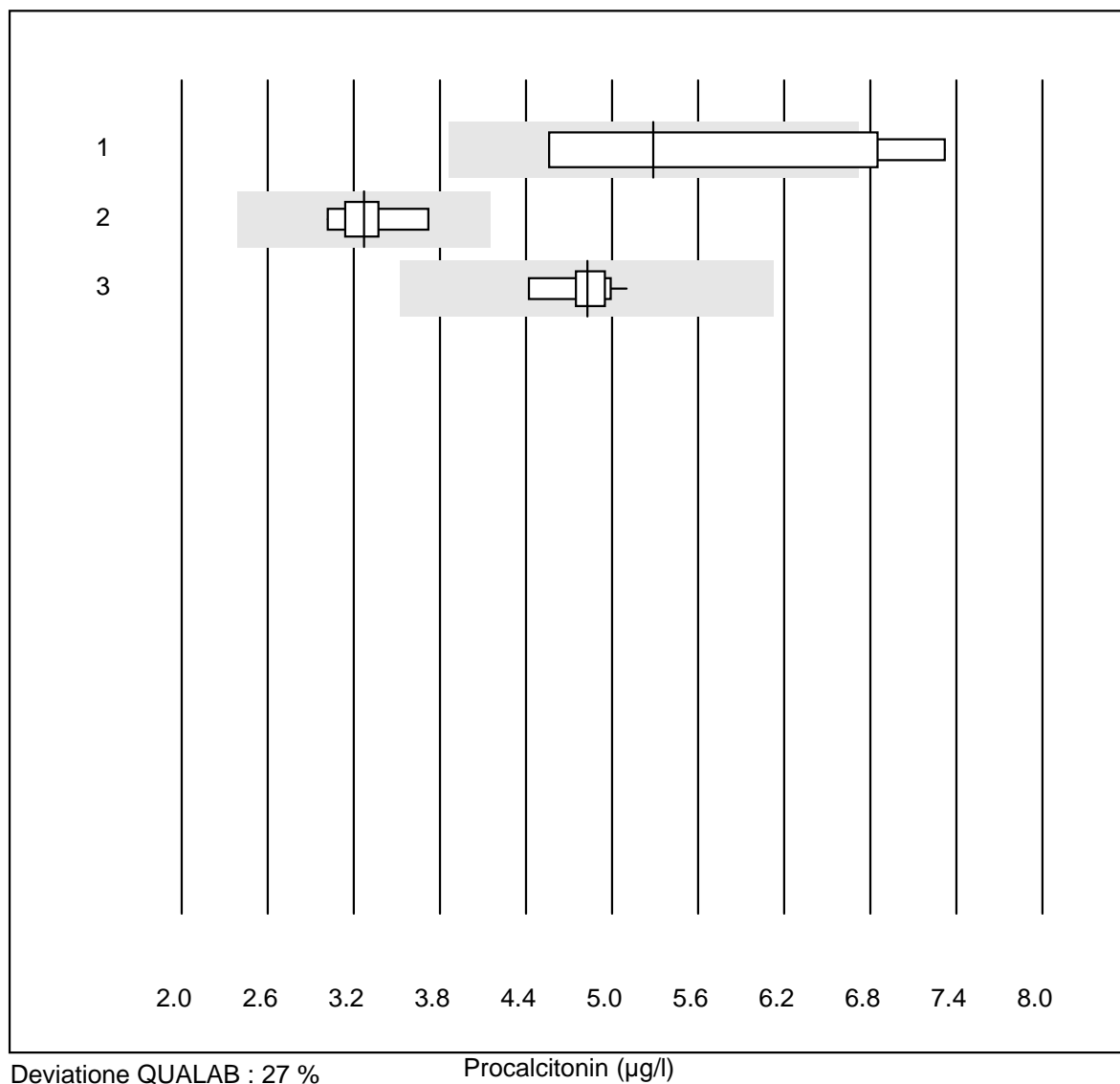
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	8	100.0	0.0	0.0	4.1	2.9	e

Harnstoff - K22



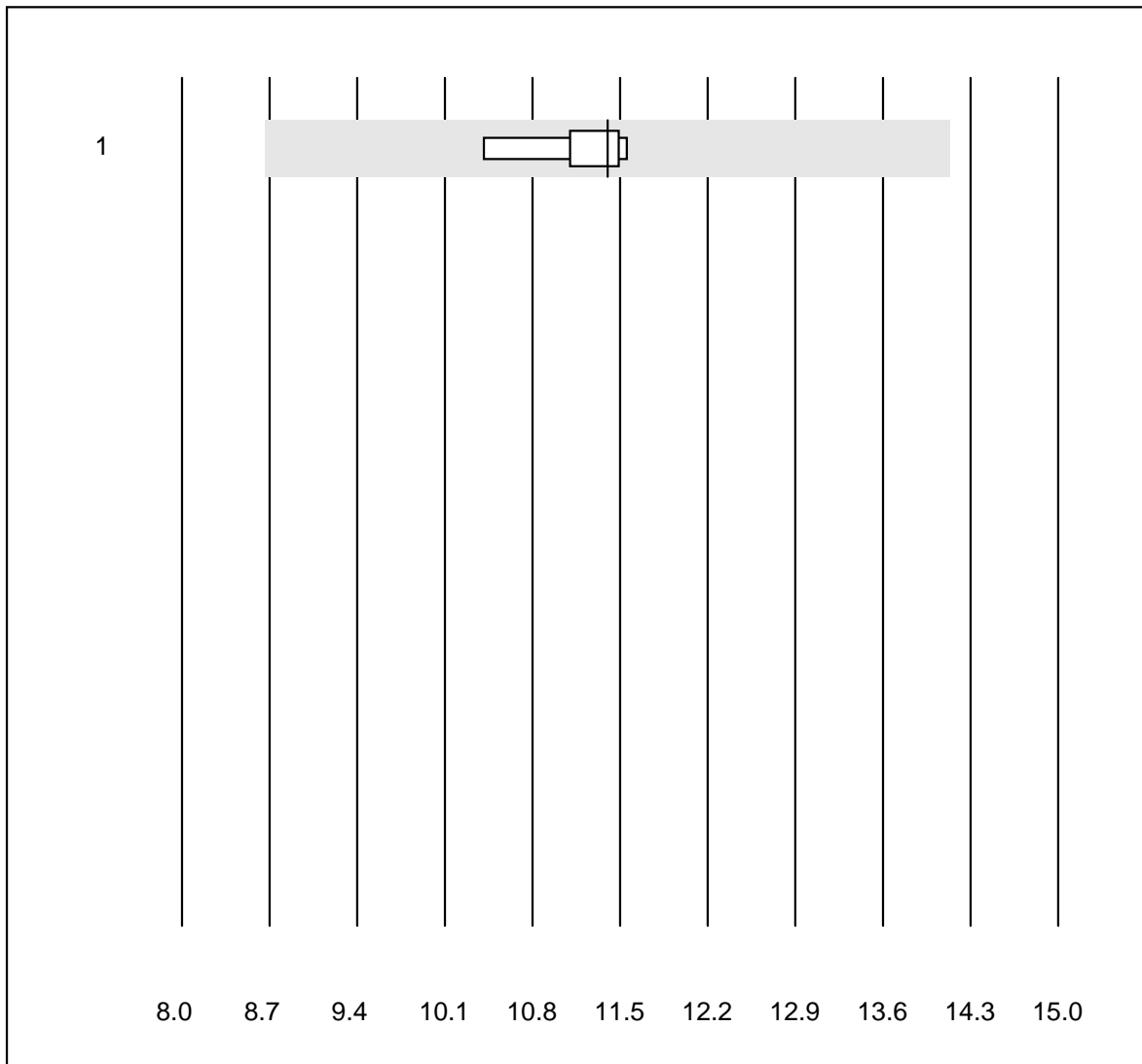
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	8	87.5	0.0	12.5	6.6	3.6	e

Procalcitonin



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 altro	5	40.0	40.0	20.0	5.29	19.6	e*
2 Cobas	9	100.0	0.0	0.0	3.27	6.3	e
3 Mini Vidas	10	100.0	0.0	0.0	4.83	3.9	e

Parathormon

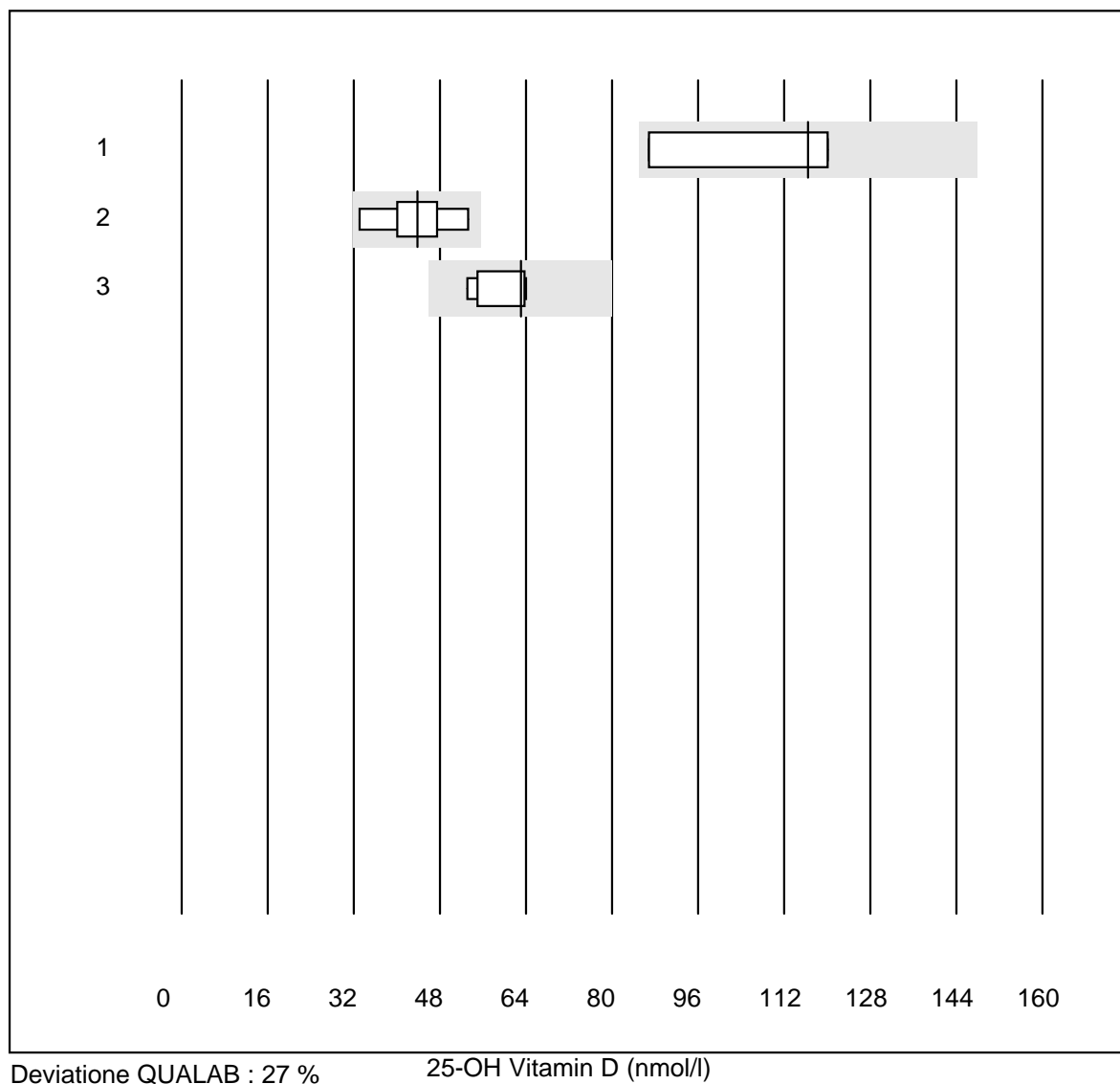


Deviazione QUALAB : 24 %

Parathormon (pmol/l)

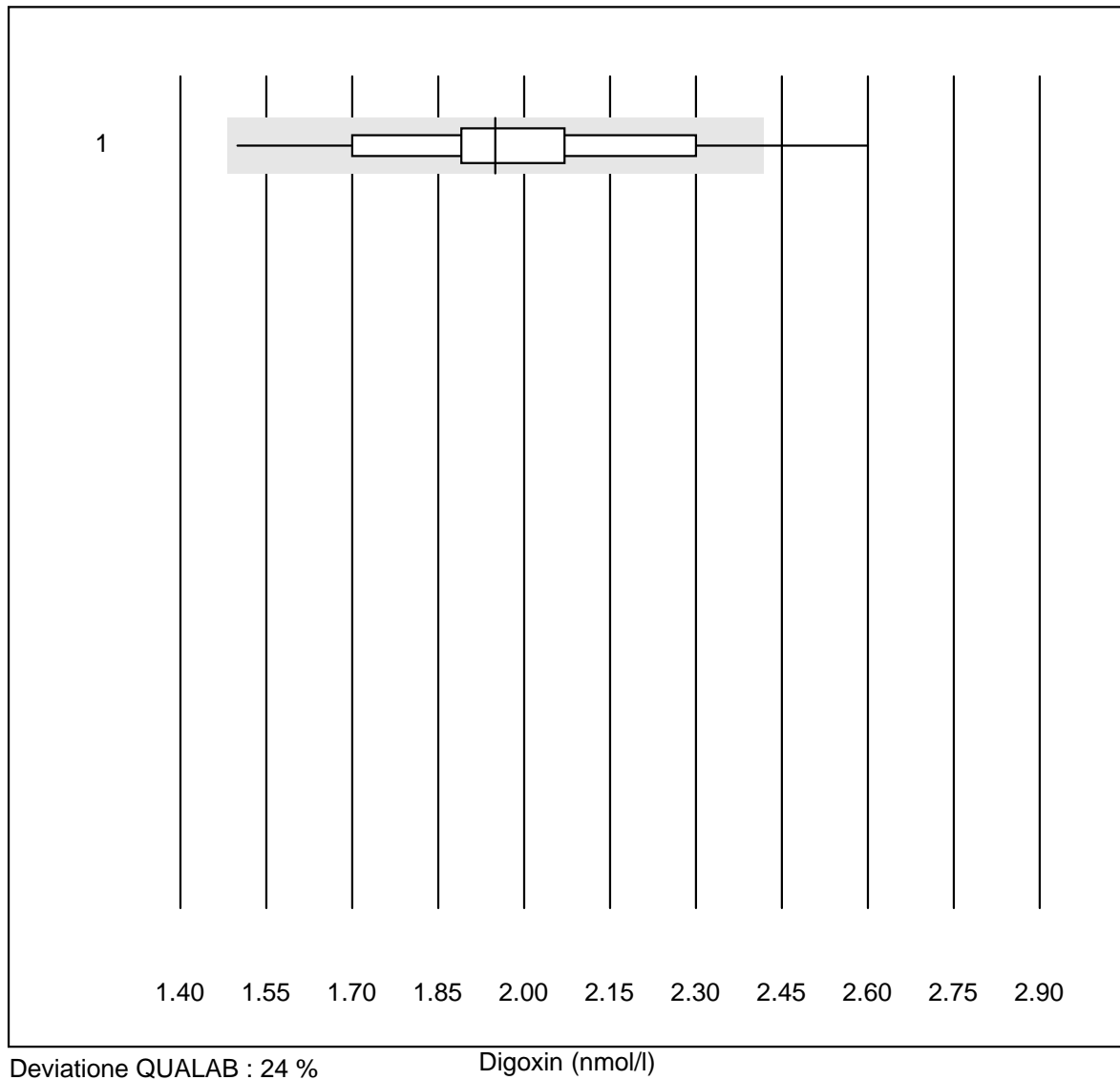
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas PTH STAT	5	100.0	0.0	0.0	11.4	4.2	e

25-OH Vitamin D



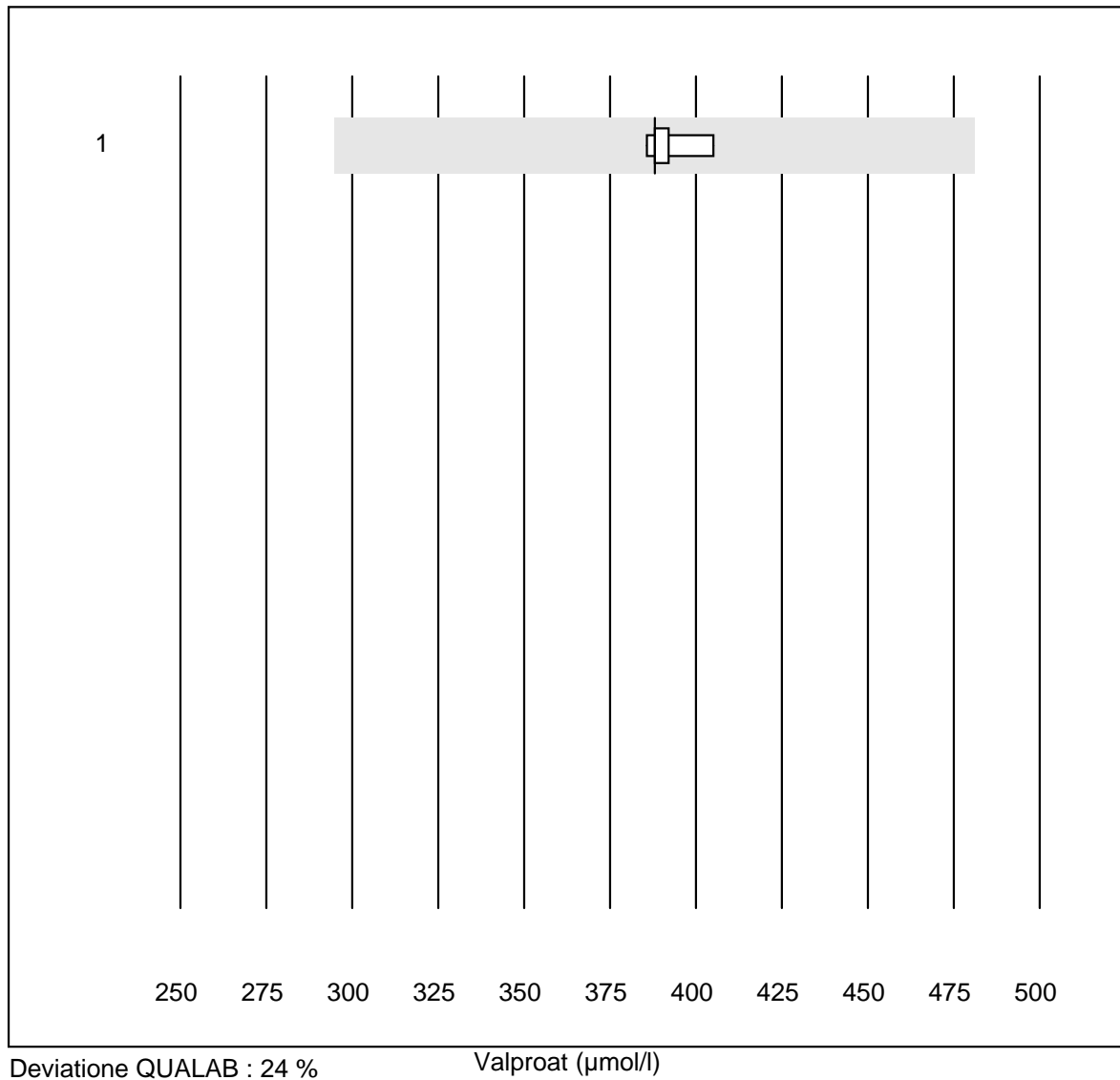
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Qualigen	4	75.0	0.0	25.0	116.5	16.4	e*
2 Cobas	7	100.0	0.0	0.0	43.8	14.5	e*
3 Architect	5	100.0	0.0	0.0	63.0	8.8	e*

Digoxin



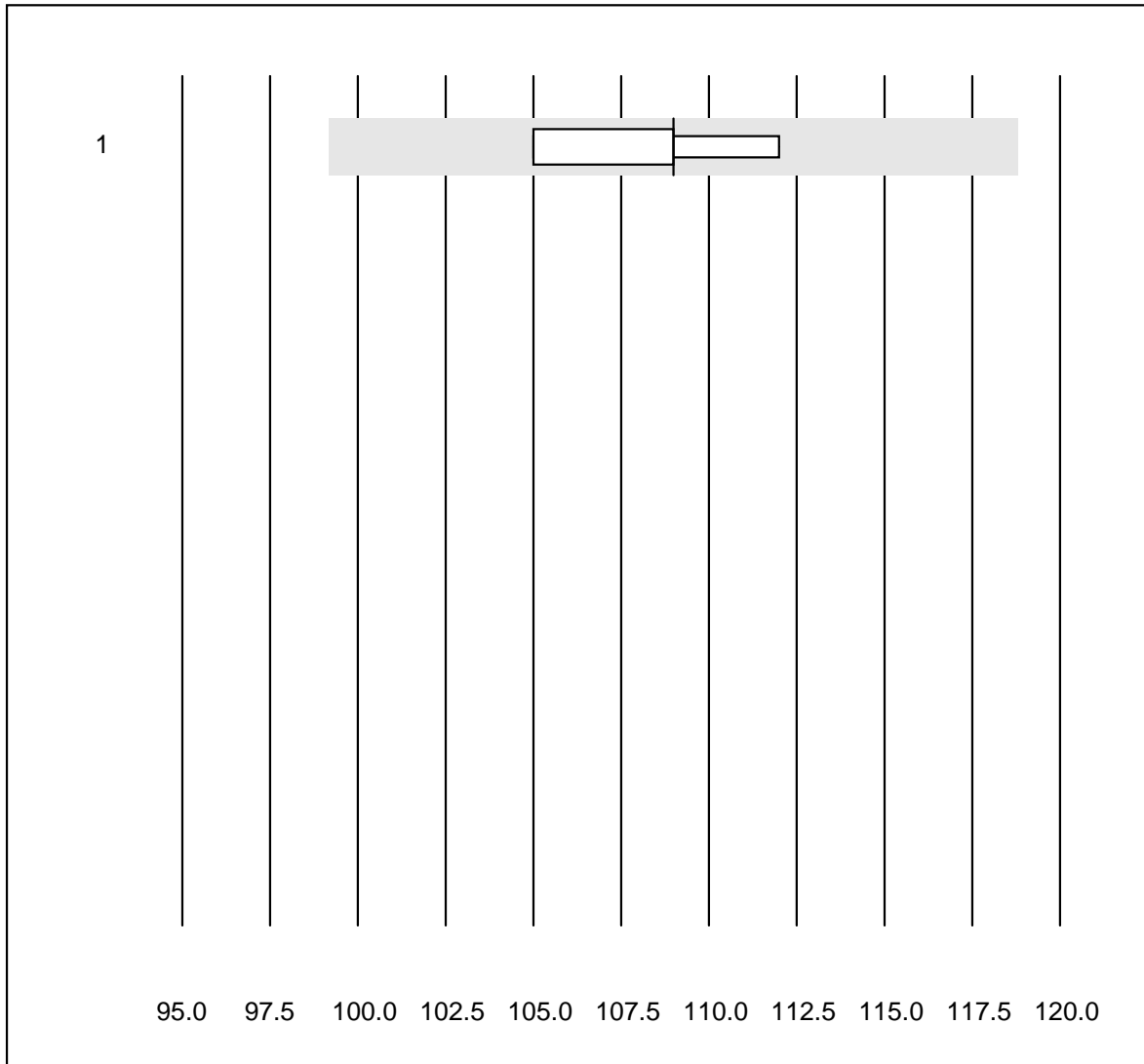
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 altro	11	90.9	9.1	0.0	1.95	14.5	e*

Valproat



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	5	100.0	0.0	0.0	388.0	2.0	e

Emoglobina BG

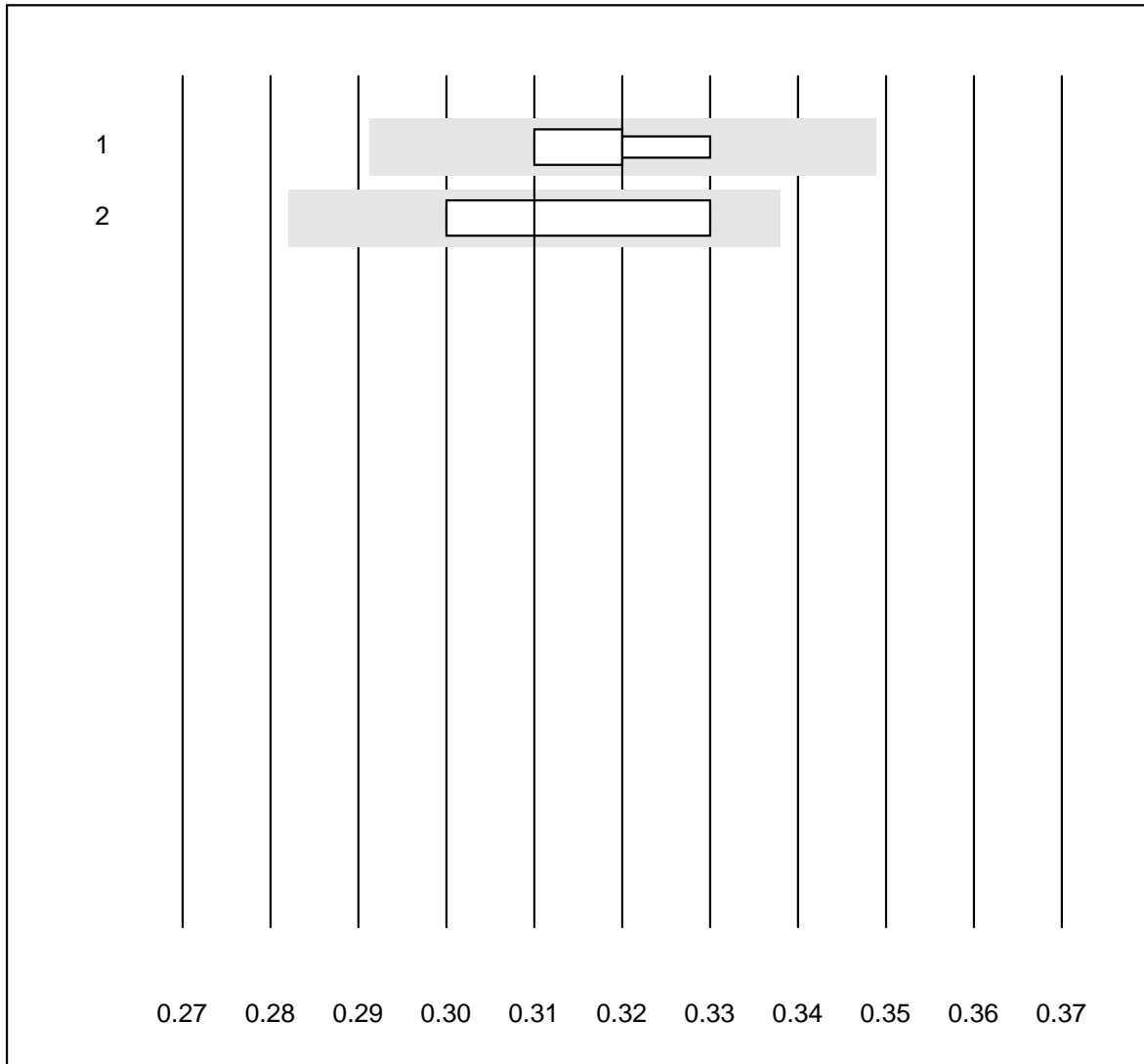


Deviazione QUALAB : 9 %

Emoglobina BG (g/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 iStat	4	100.0	0.0	0.0	109.0	2.6	e*

Ematocrito

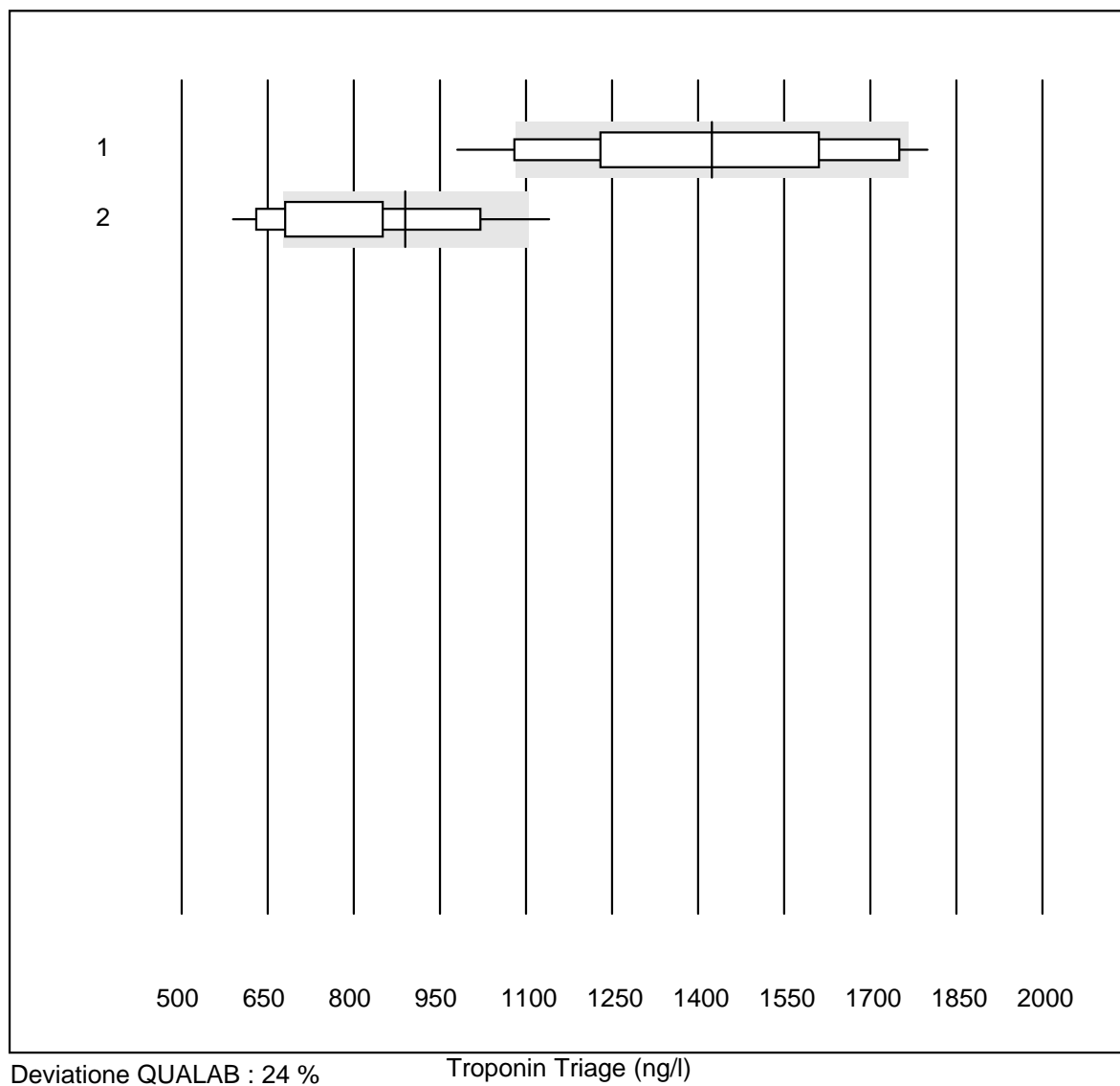


Deviazione QUALAB : 9 %

Ematocrito (l/l)

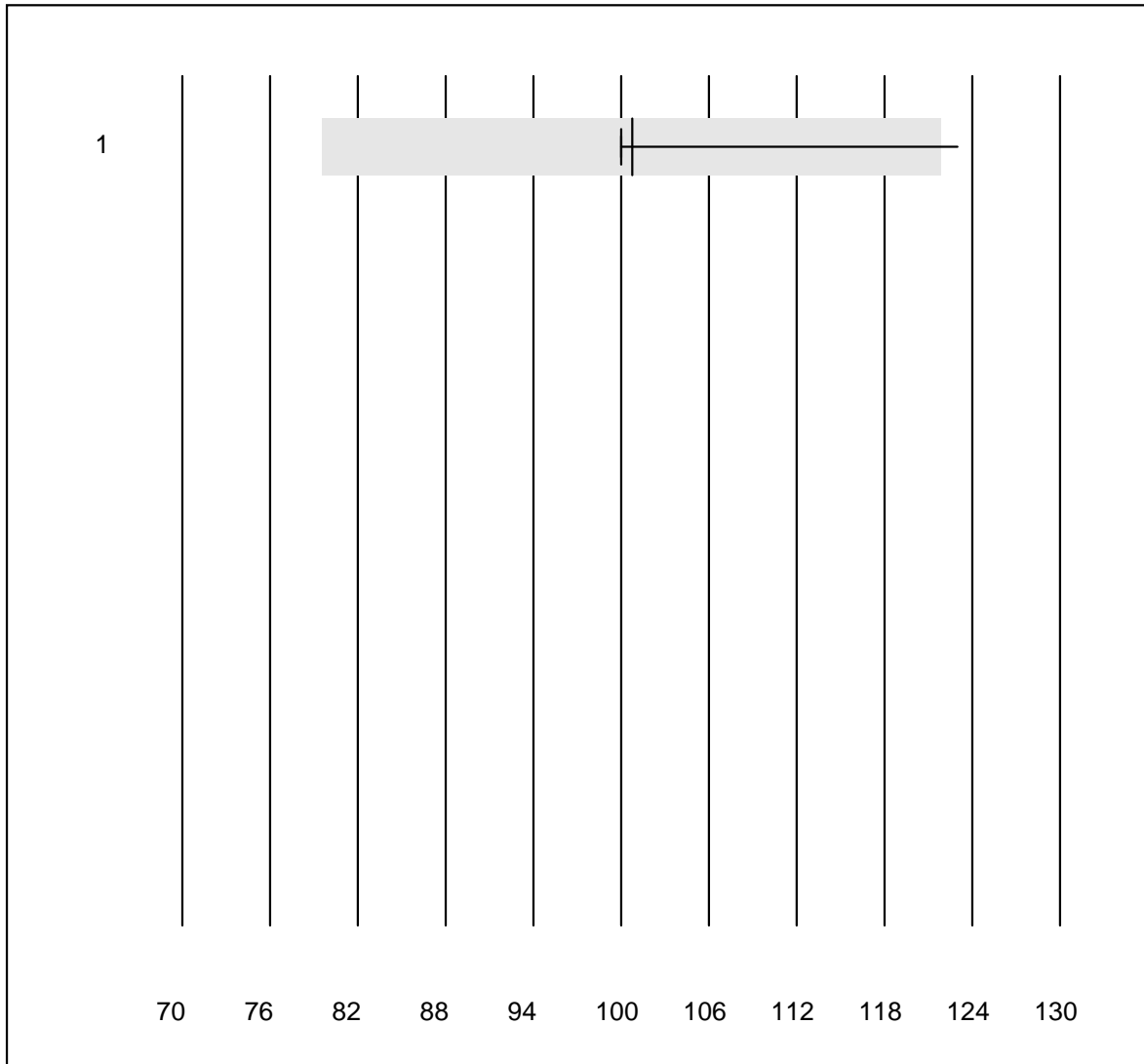
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 iStat	4	100.0	0.0	0.0	0.32	2.6	e*
2 EPOC	4	75.0	0.0	25.0	0.31	4.8	e*

Troponin Triage



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage Next Gen	18	61.1	16.7	22.2	1424.40	18.5	a
2 Triage SOB/Cardiac	24	62.5	20.8	16.7	890.00	18.5	a

D-Dimere Triage

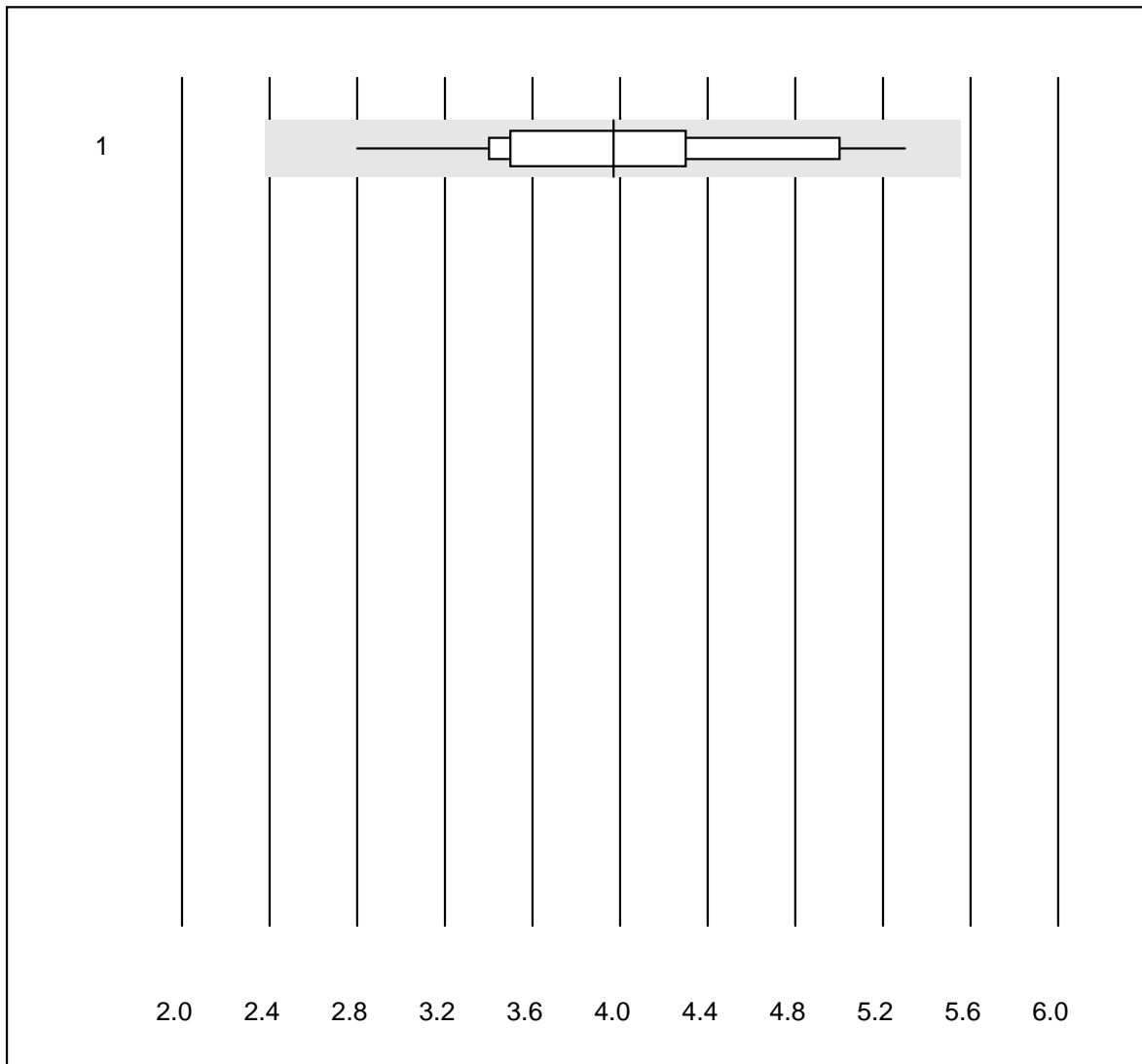


Deviazione QUALAB : 21 %

D-Dimere Triage (ng/ml)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage Meter	40	92.5	2.5	5.0	100.74	3.8	e

CK-MB Triage

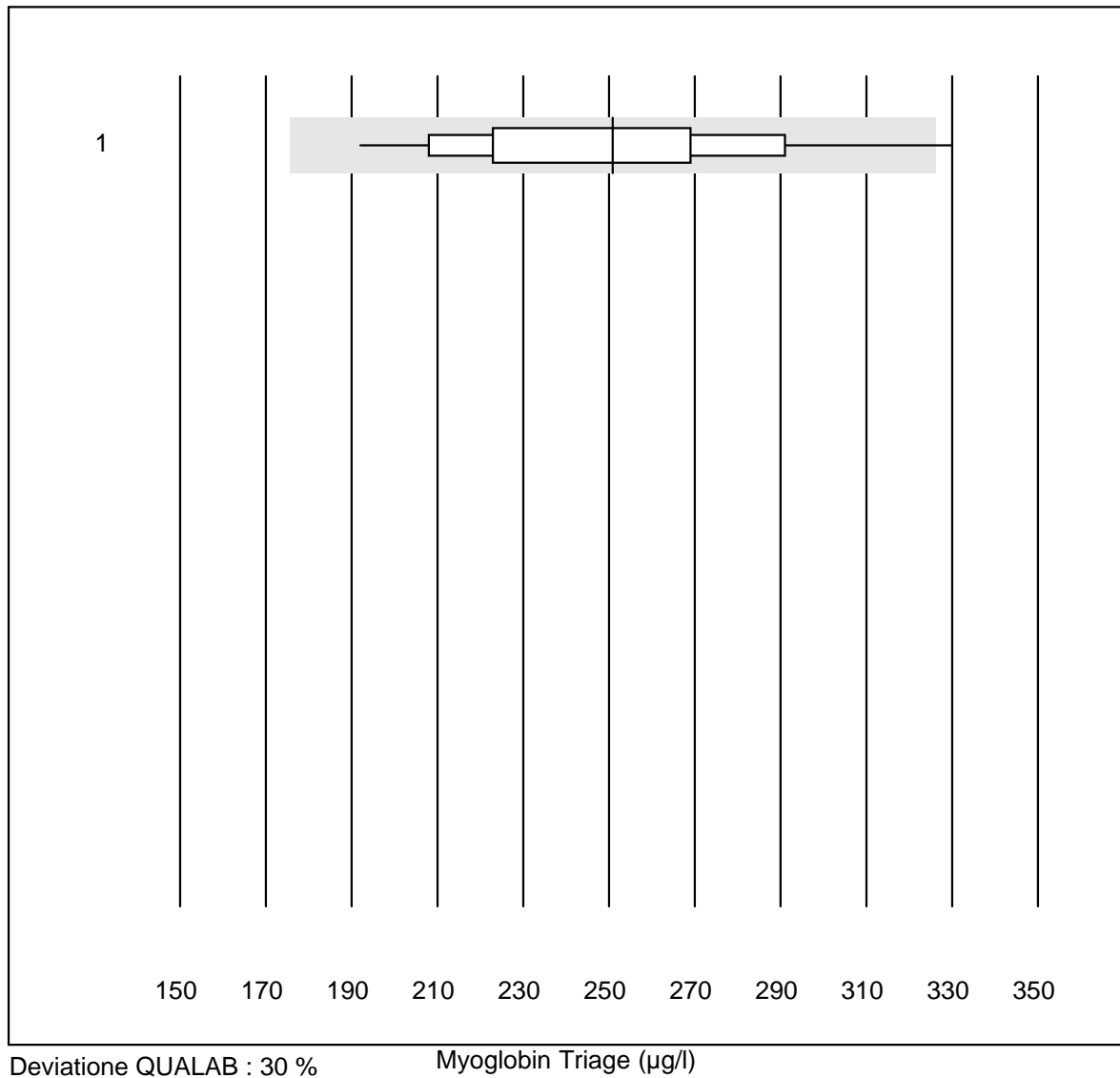


Deviazione QUALAB : 40 %

CK-MB Triage (µg/l)

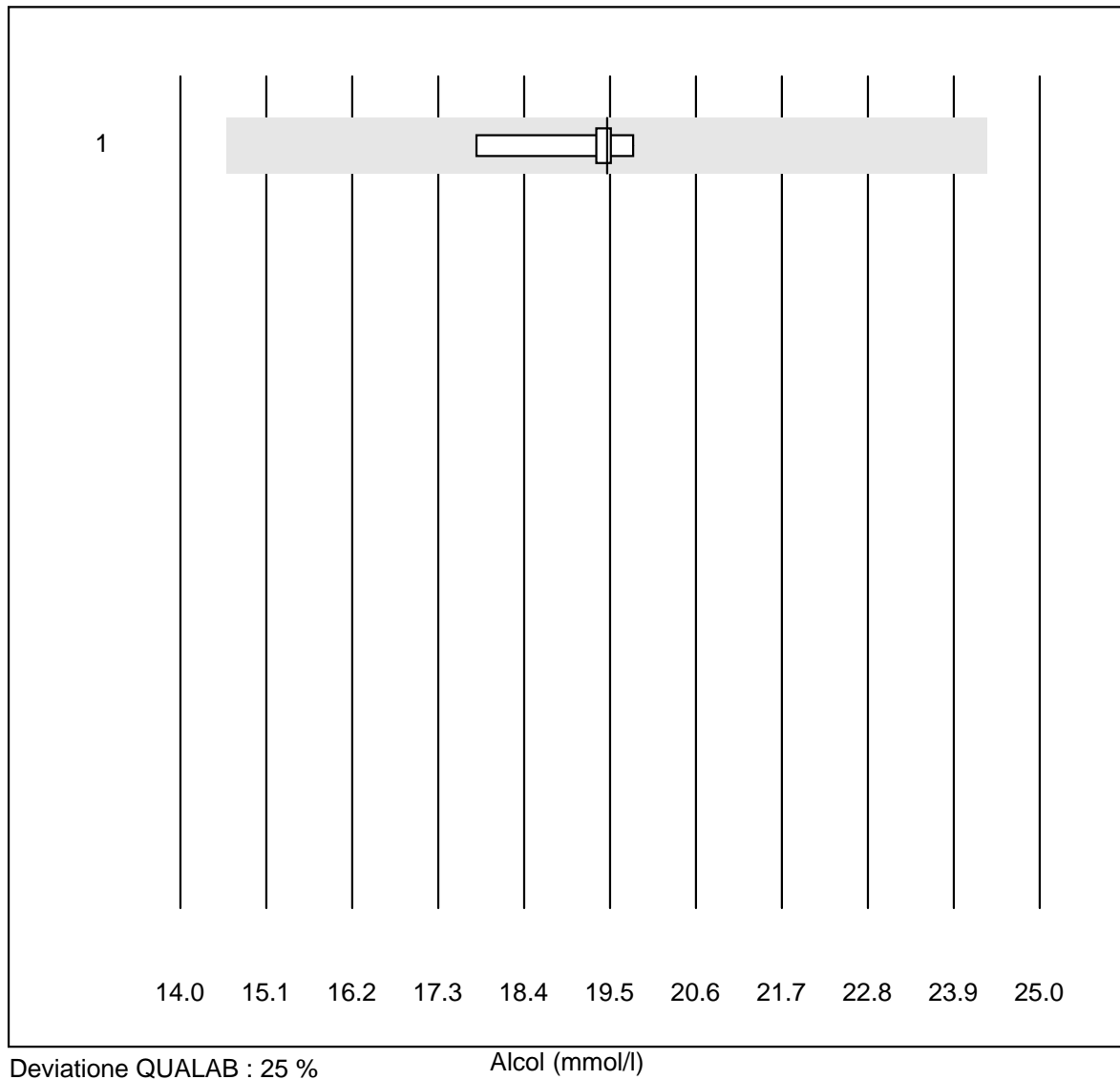
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage Meter	23	95.7	0.0	4.3	4.0	15.5	e

Myoglobin Triage



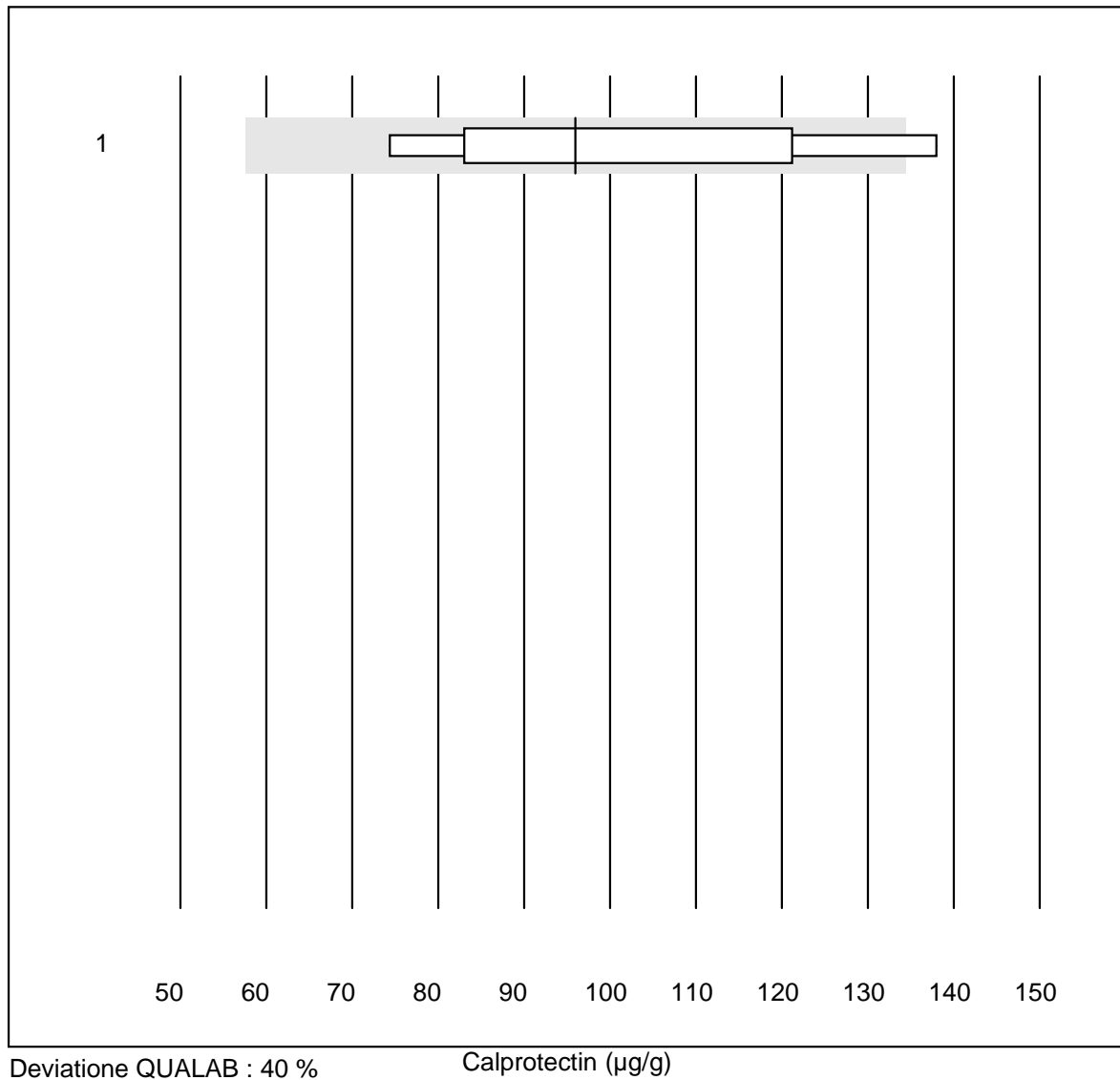
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage Meter	21	90.4	4.8	4.8	250.9	14.0	e

Alcol



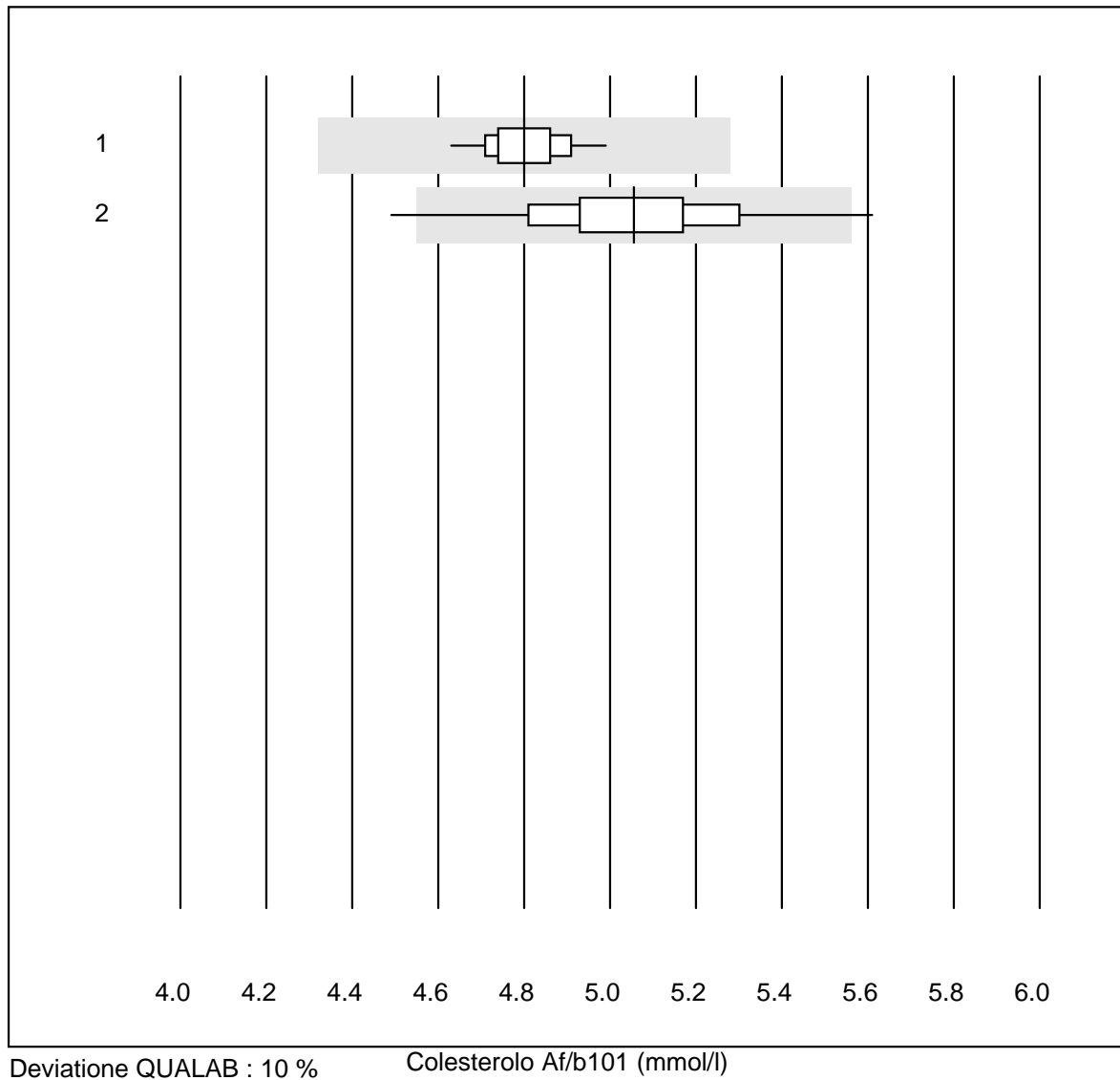
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	5	100.0	0.0	0.0	19.5	4.1	e

Calprotectin



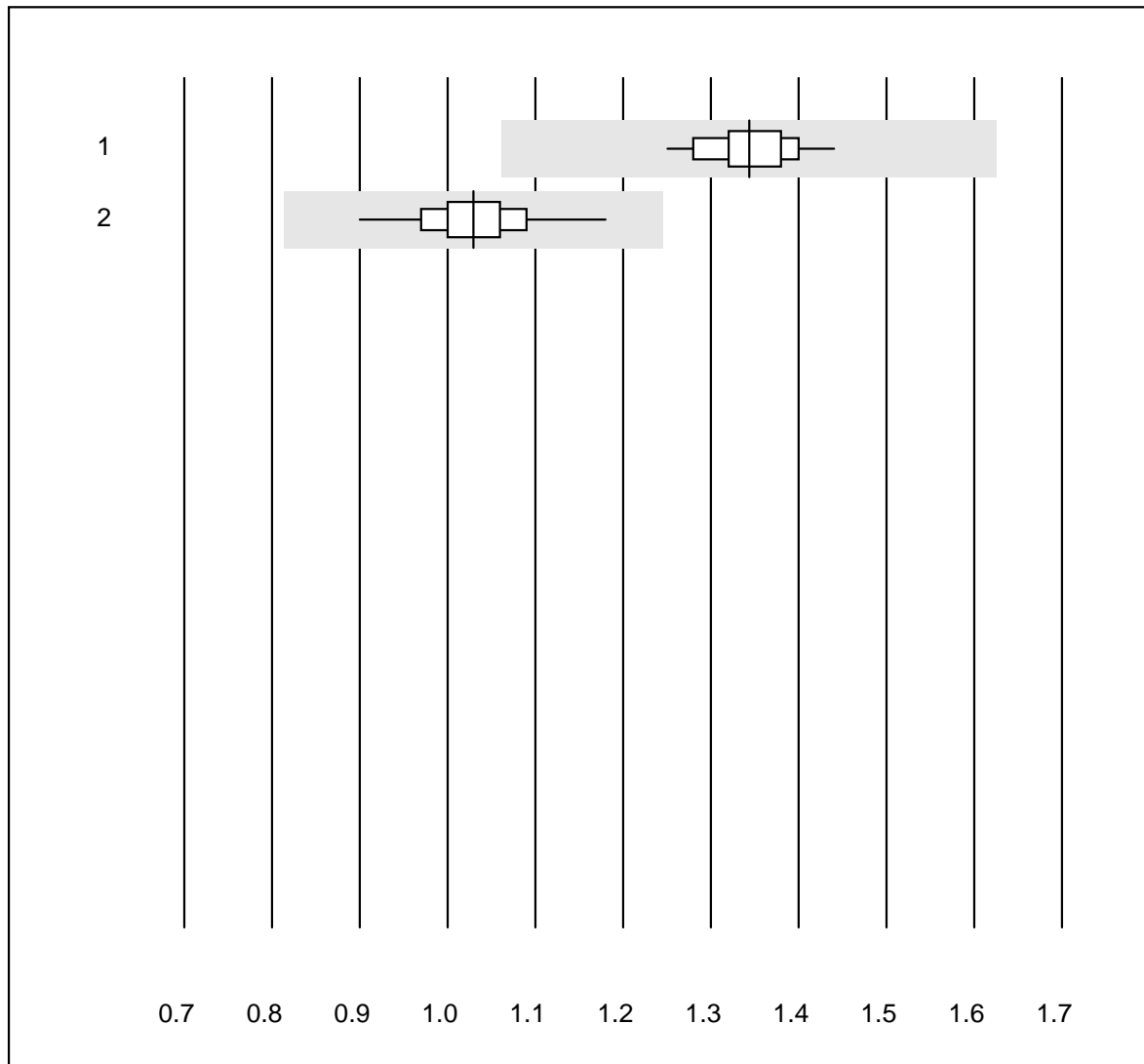
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Bühlmann	7	71.4	14.3	14.3	96	23.1	e*

Colesterolo Af/b101



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b101	33	100.0	0.0	0.0	4.8	1.7	e
2 Afinion	244	98.4	1.6	0.0	5.1	3.8	e

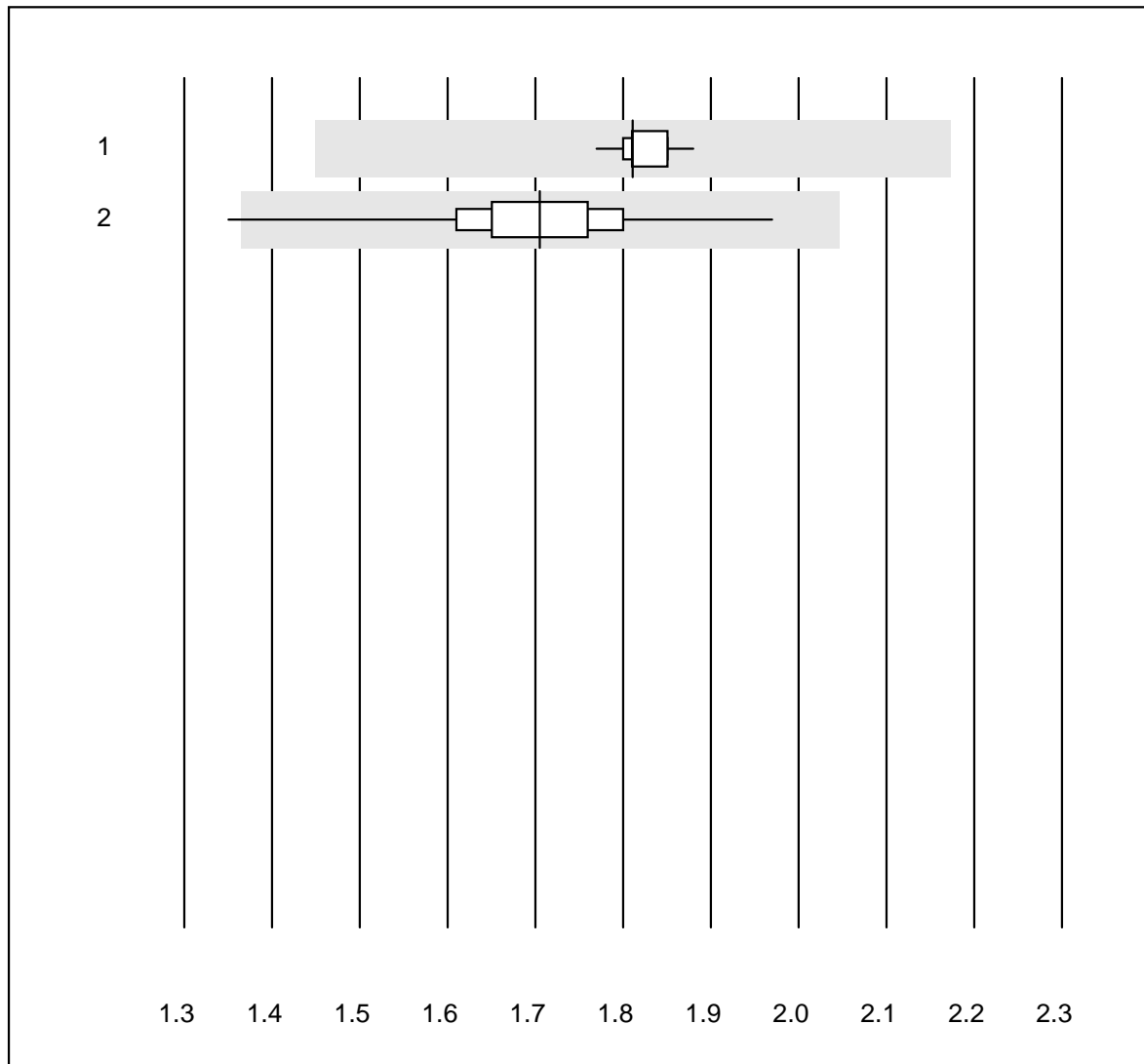
Colesterolo HDL Af/b101



Deviazione QUALAB : 21 % Colesterolo HDL Af/b101 (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b101	33	100.0	0.0	0.0	1.3	3.5	e
2 Afinion	244	94.7	0.0	5.3	1.0	4.4	e

Trigliceridi Af/b101

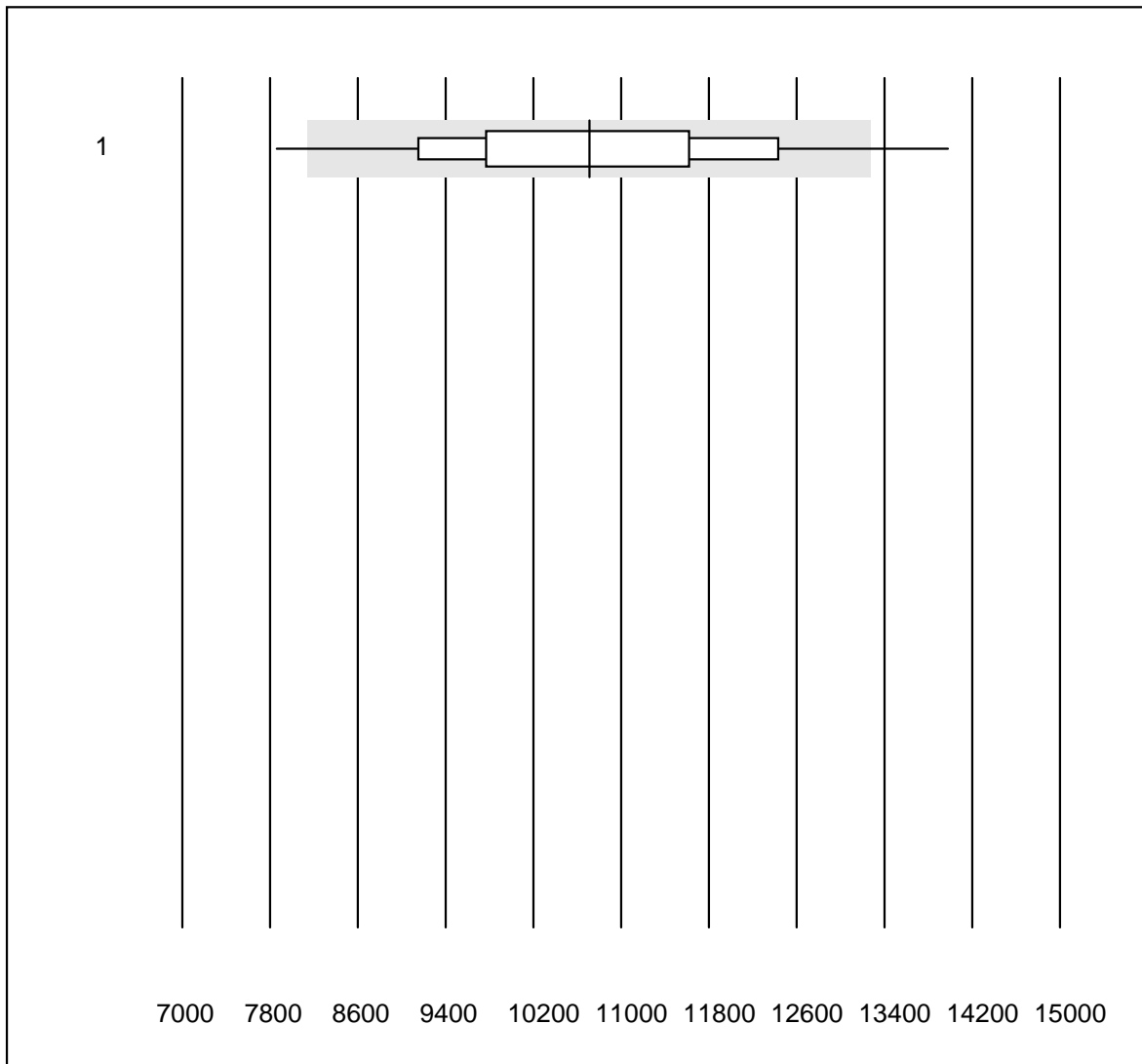


Deviazione QUALAB : 20 %

Trigliceridi Af/b101 (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b101	33	100.0	0.0	0.0	1.81	1.4	e
2 Afinion	244	99.2	0.4	0.4	1.71	4.7	e

Troponina I S

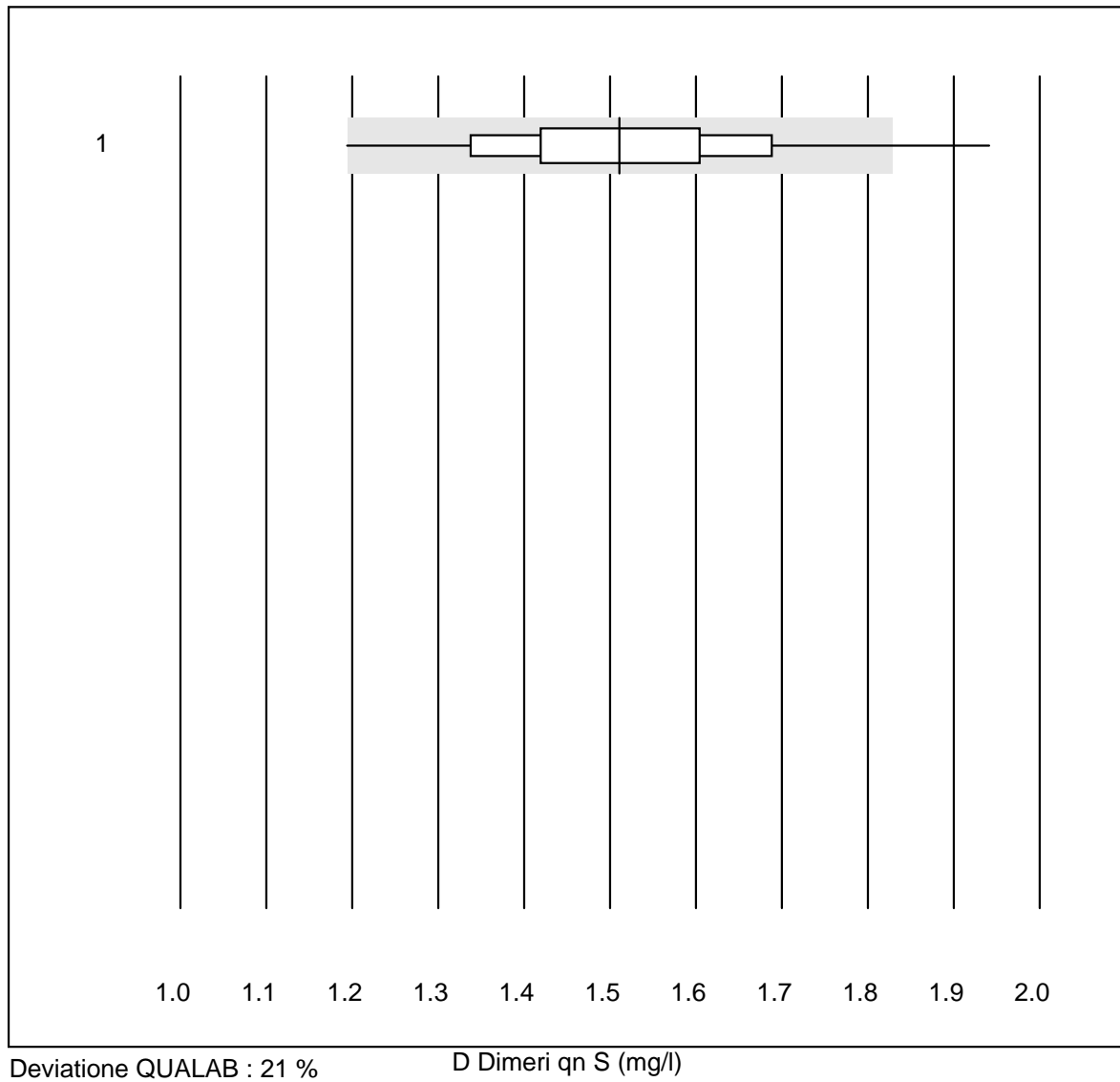


Deviazione QUALAB : 24 %

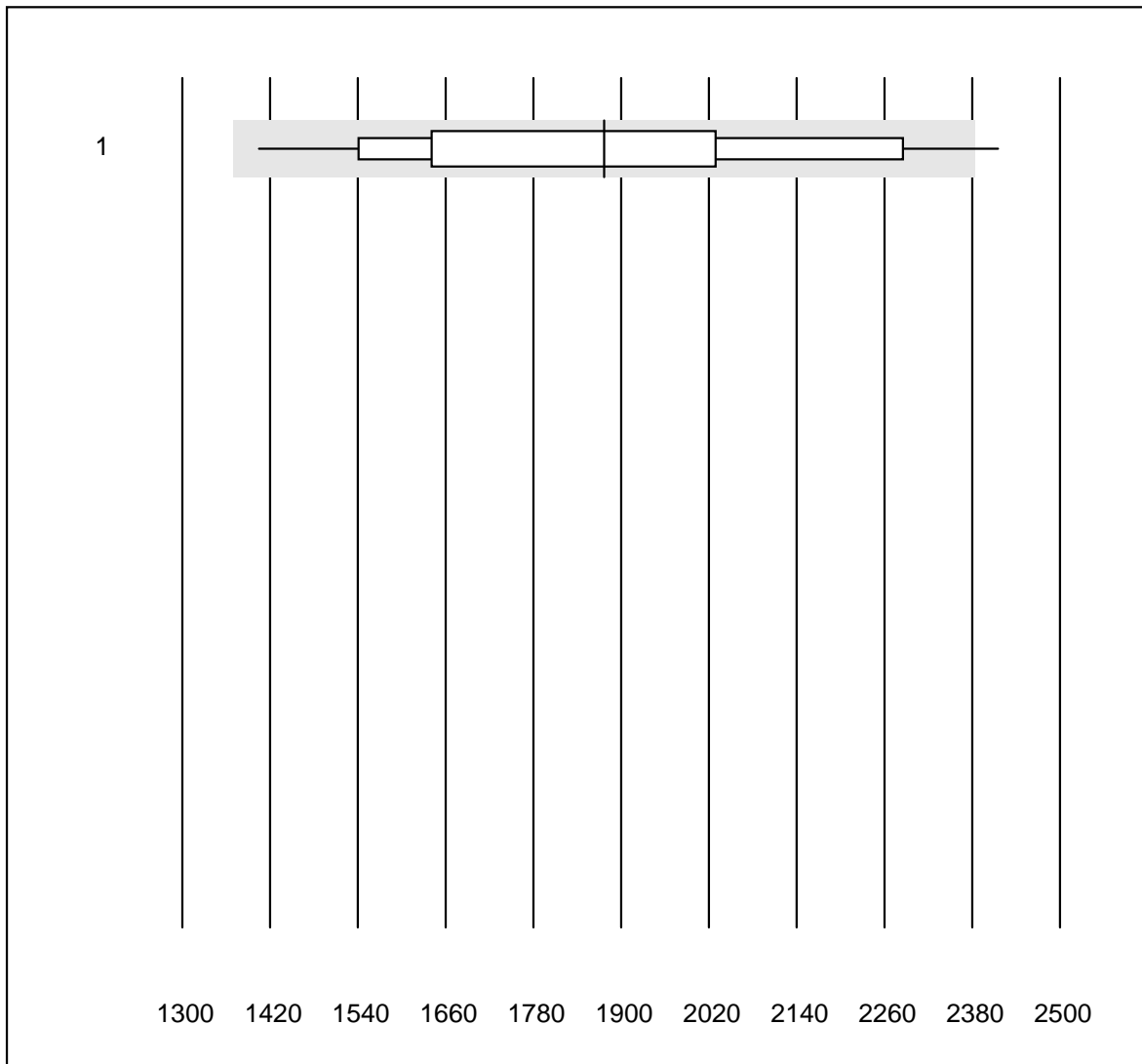
Troponina I S (ng/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Samsung LABGEO IB10	72	86.2	6.9	6.9	10710.45	12.2	e

D Dimeri qn S



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Samsung LABGEO IB10	88	96.6	2.3	1.1	1.51	9.4	e

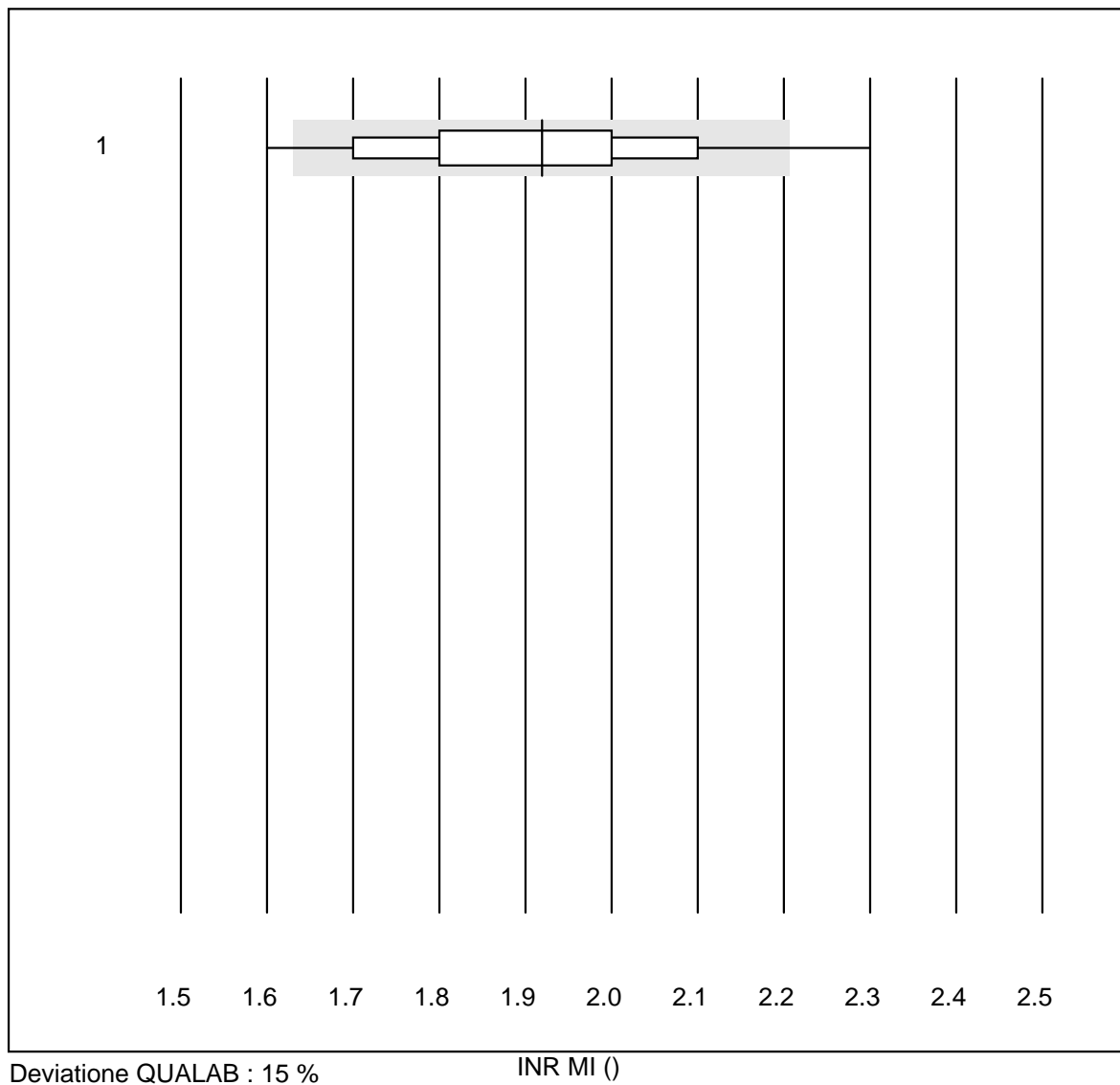
NT-pro BNP S

Deviazione QUALAB : 27 %

NT-pro BNP S (ng/l)

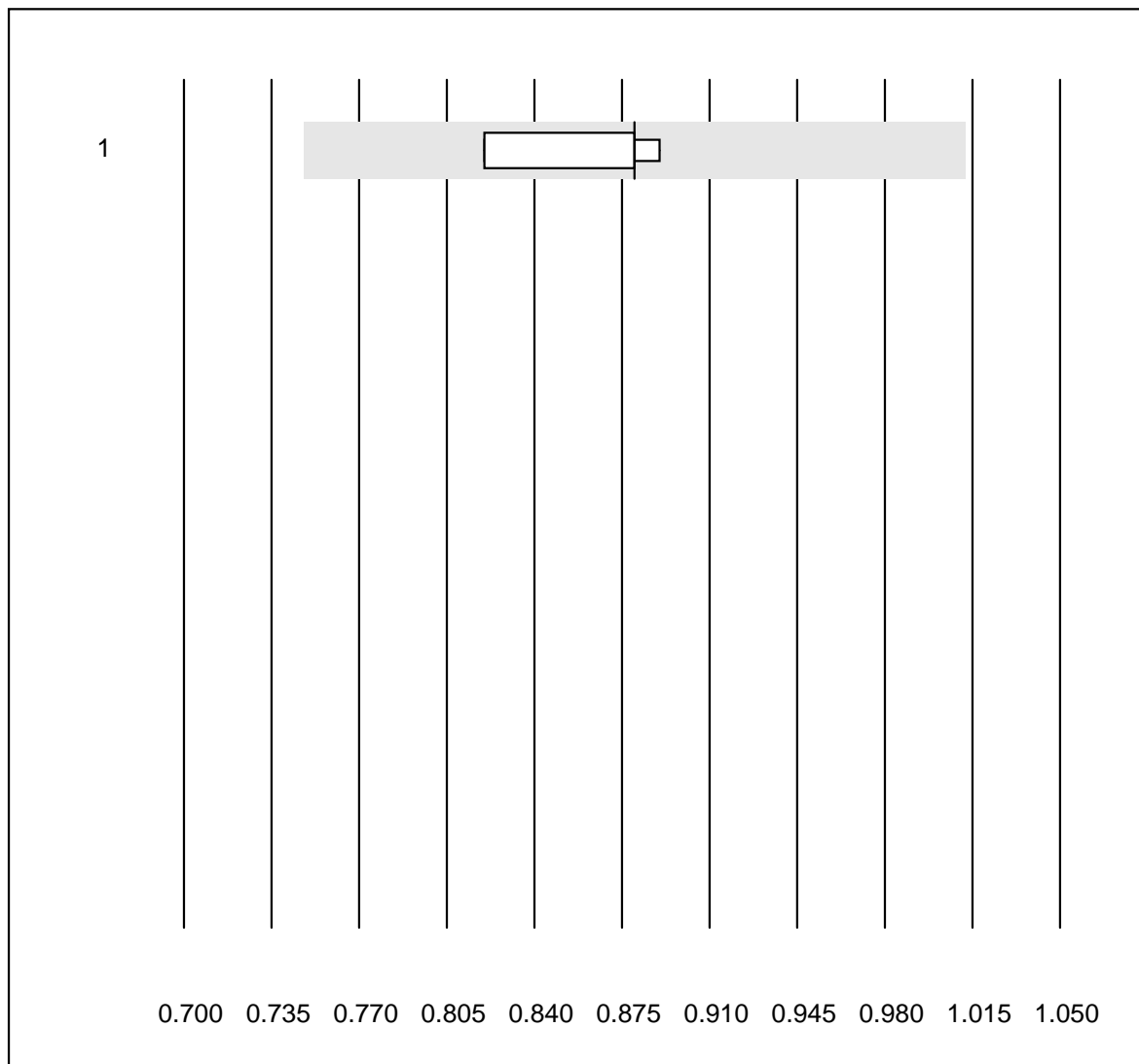
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Samsung LABGEO IB10	57	94.7	1.8	3.5	1877.1	14.1	e

INR MI



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 microINR	64	84.4	7.8	7.8	1.9	8.0	e

INR Eurolyser

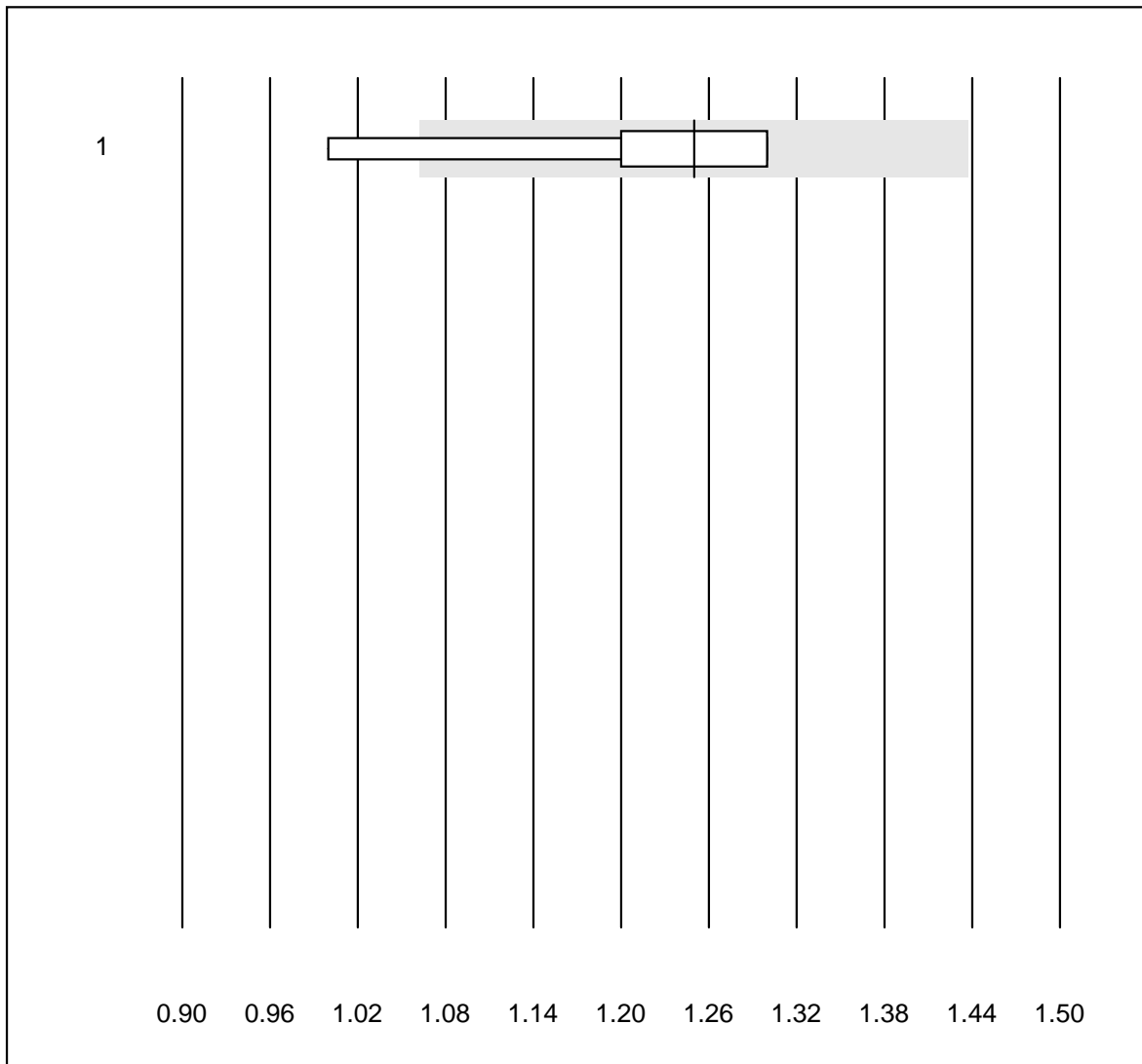


Deviazione QUALAB : 15 %

INR Eurolyser ()

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Eurolyser	5	80.0	0.0	20.0	0.9	3.6	e

INR Xprecia

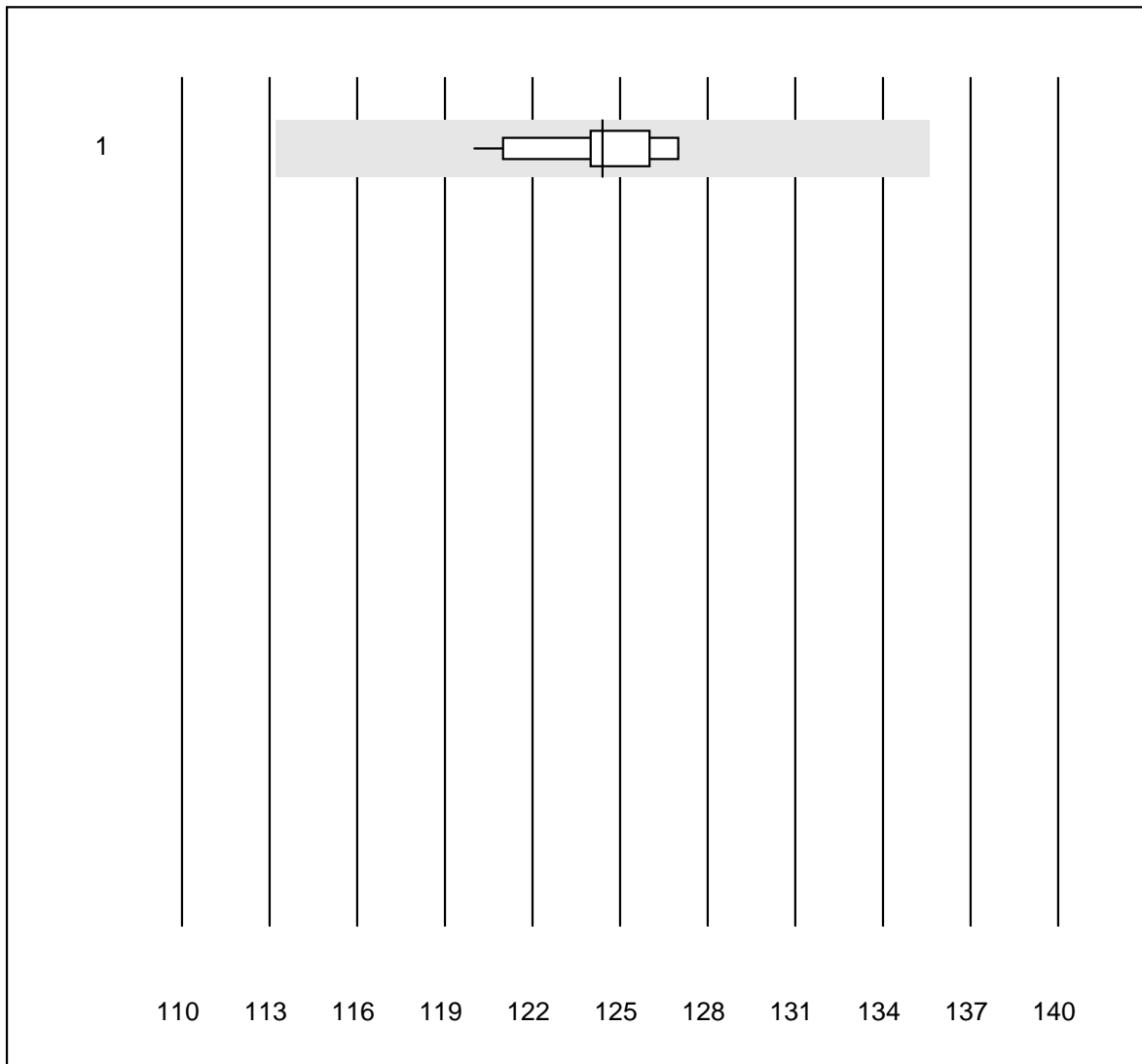


Deviazione QUALAB : 15 %

INR Xprecia ()

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Xprecia	6	83.3	16.7	0.0	1.3	9.6	e*

Emoglobina

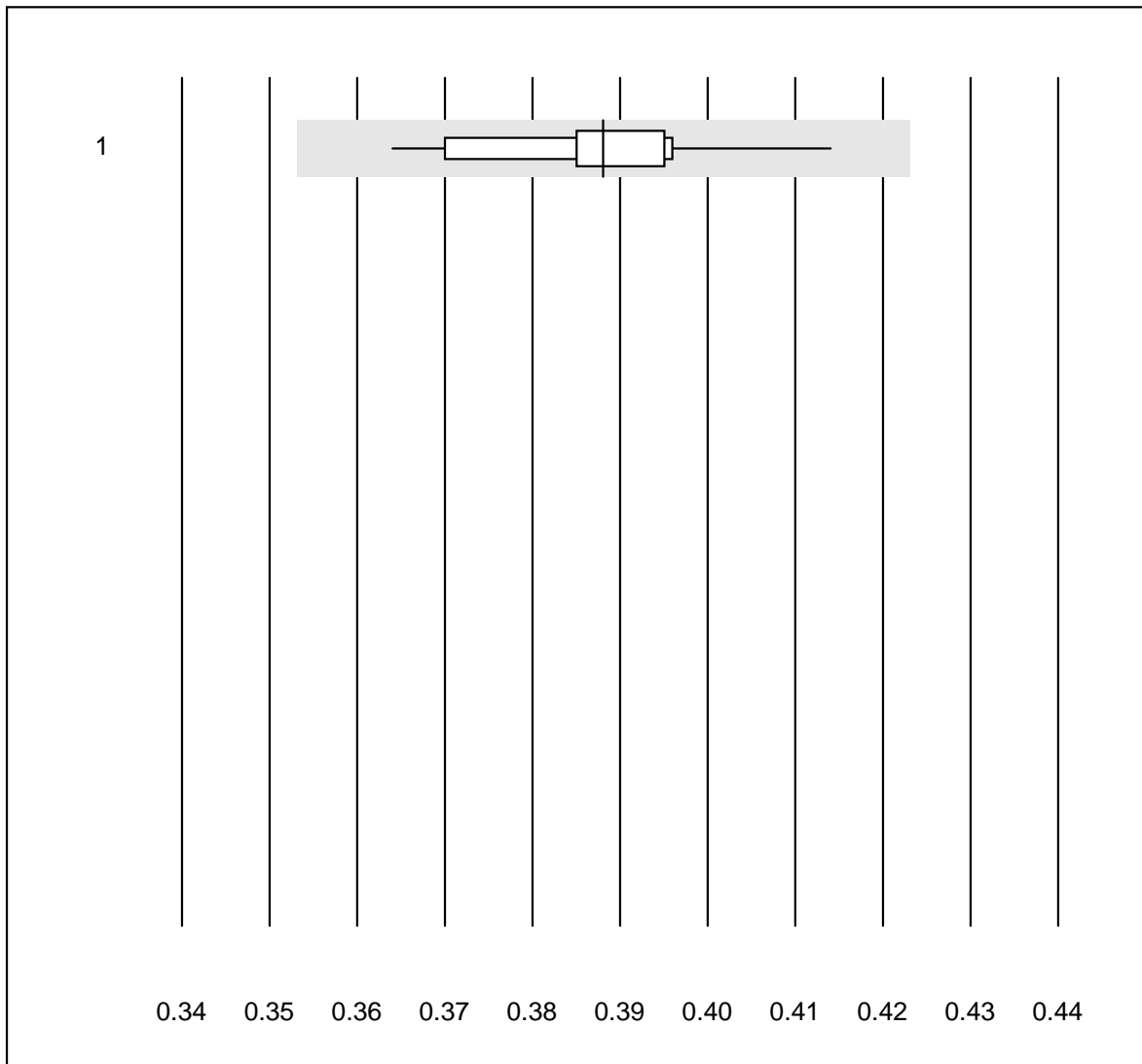


Deviazione QUALAB : 9 %

Emoglobina (g/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	13	100.0	0.0	0.0	124.4	1.7	e

Ematocrito

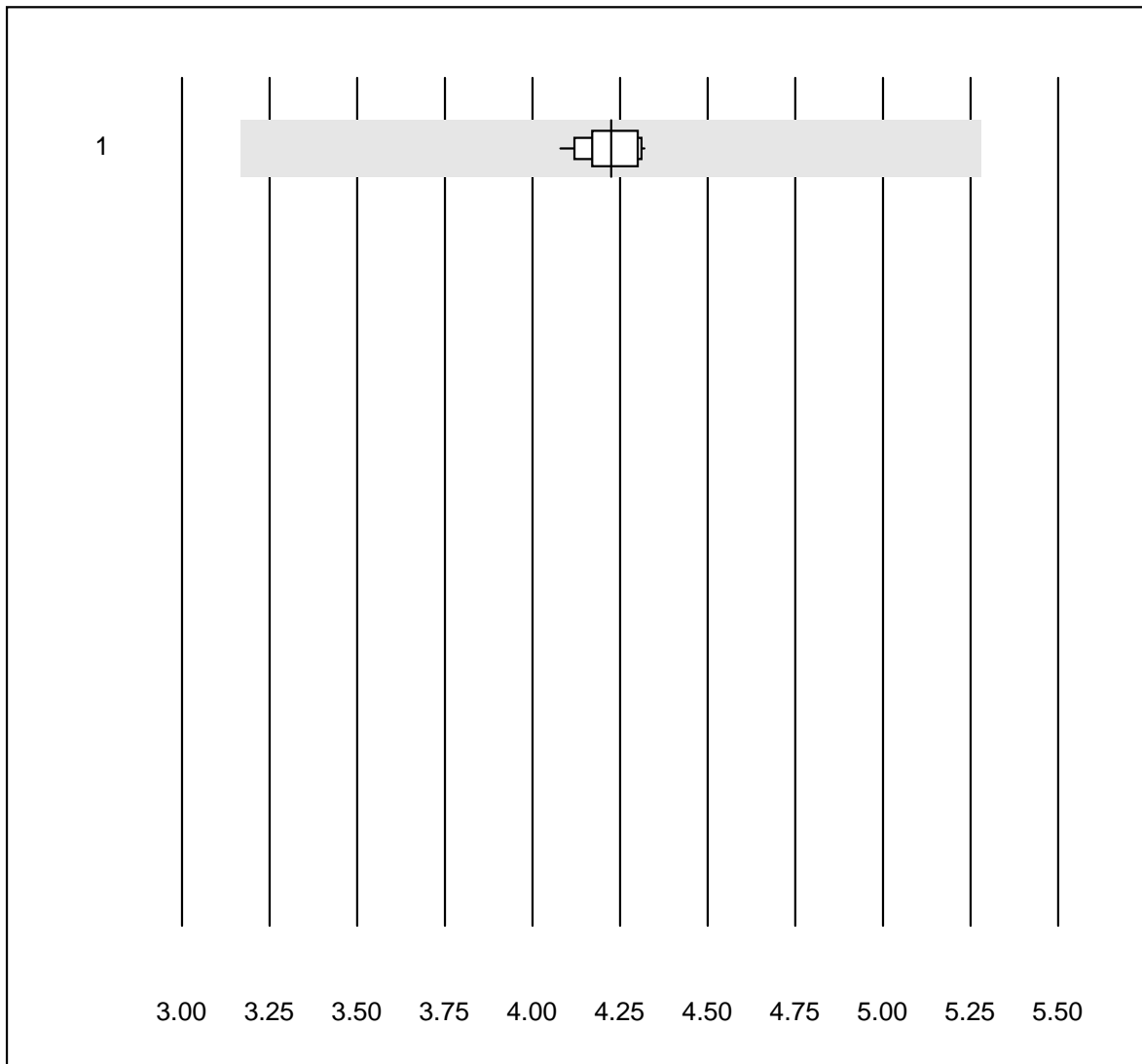


Deviazione QUALAB : 9 %

Ematocrito (l/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	14	100.0	0.0	0.0	0.39	3.1	e

Eritrociti

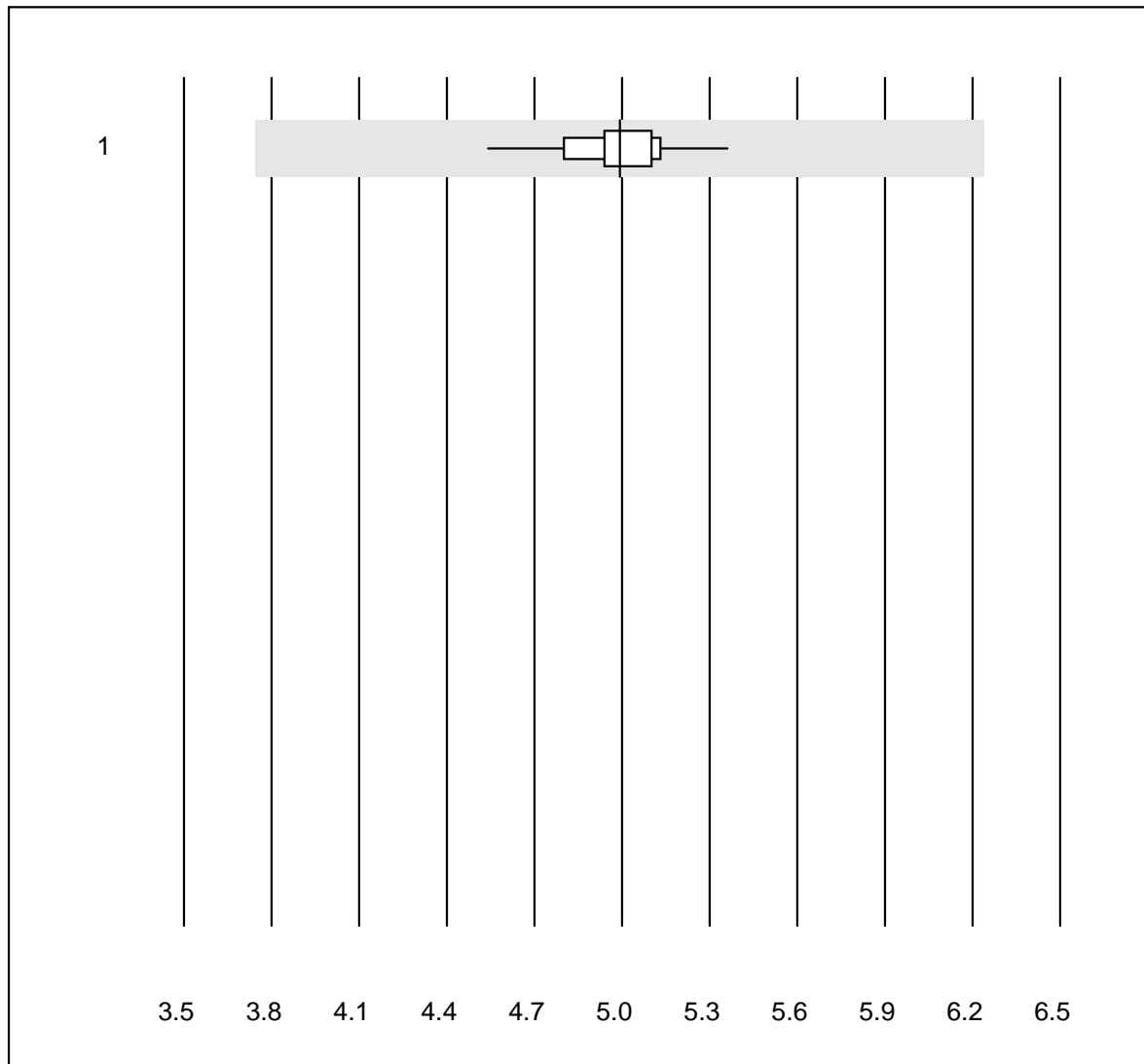


Deviazione QUALAB : 25 %

Eritrociti (T/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	13	100.0	0.0	0.0	4.22	1.8	e

Leucociti

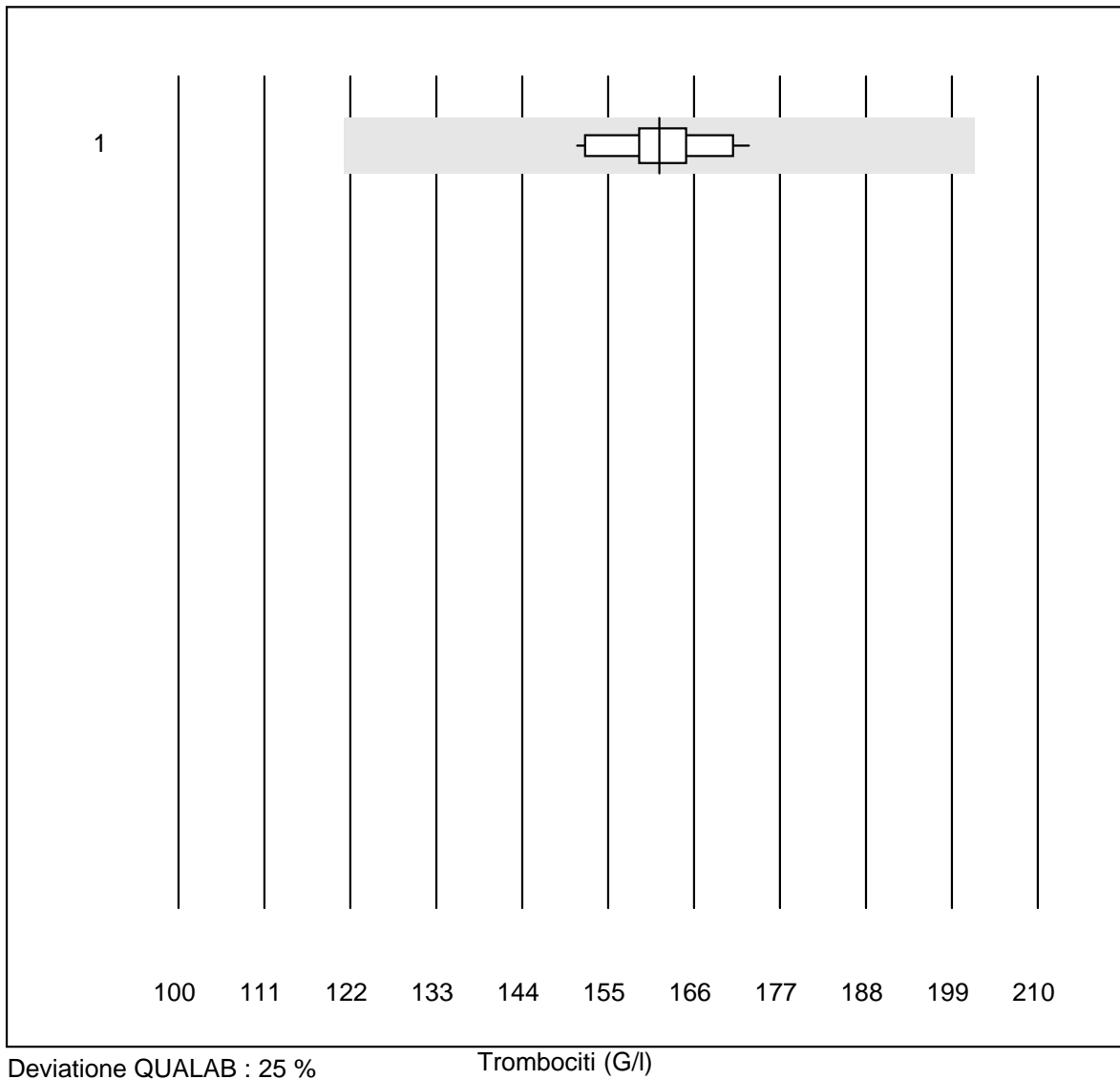


Deviazione QUALAB : 25 %

Leucociti (G/l)

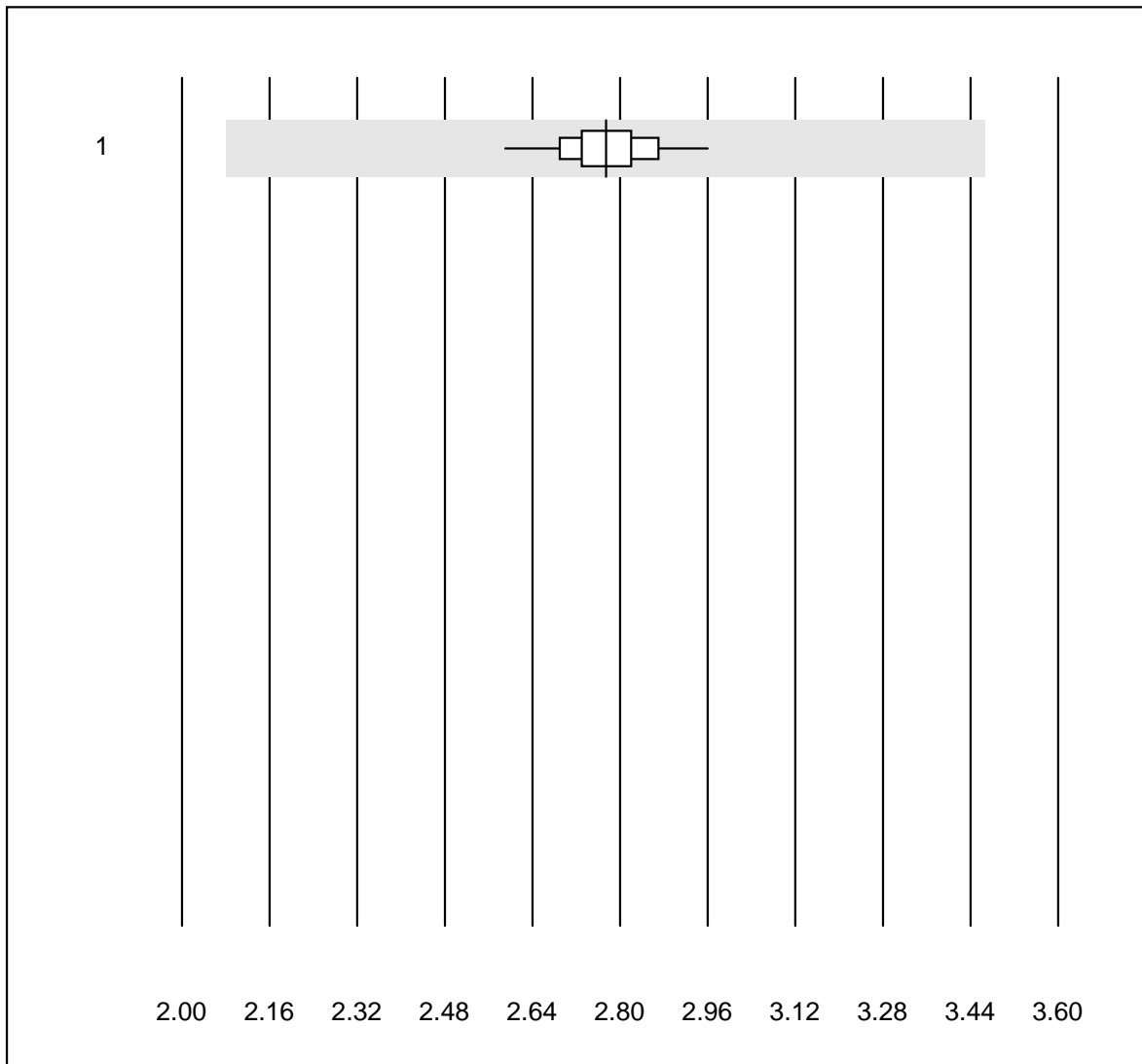
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	13	100.0	0.0	0.0	4.99	3.9	e

Trombociti



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	13	100.0	0.0	0.0	161.5	4.2	e

Neutrofili

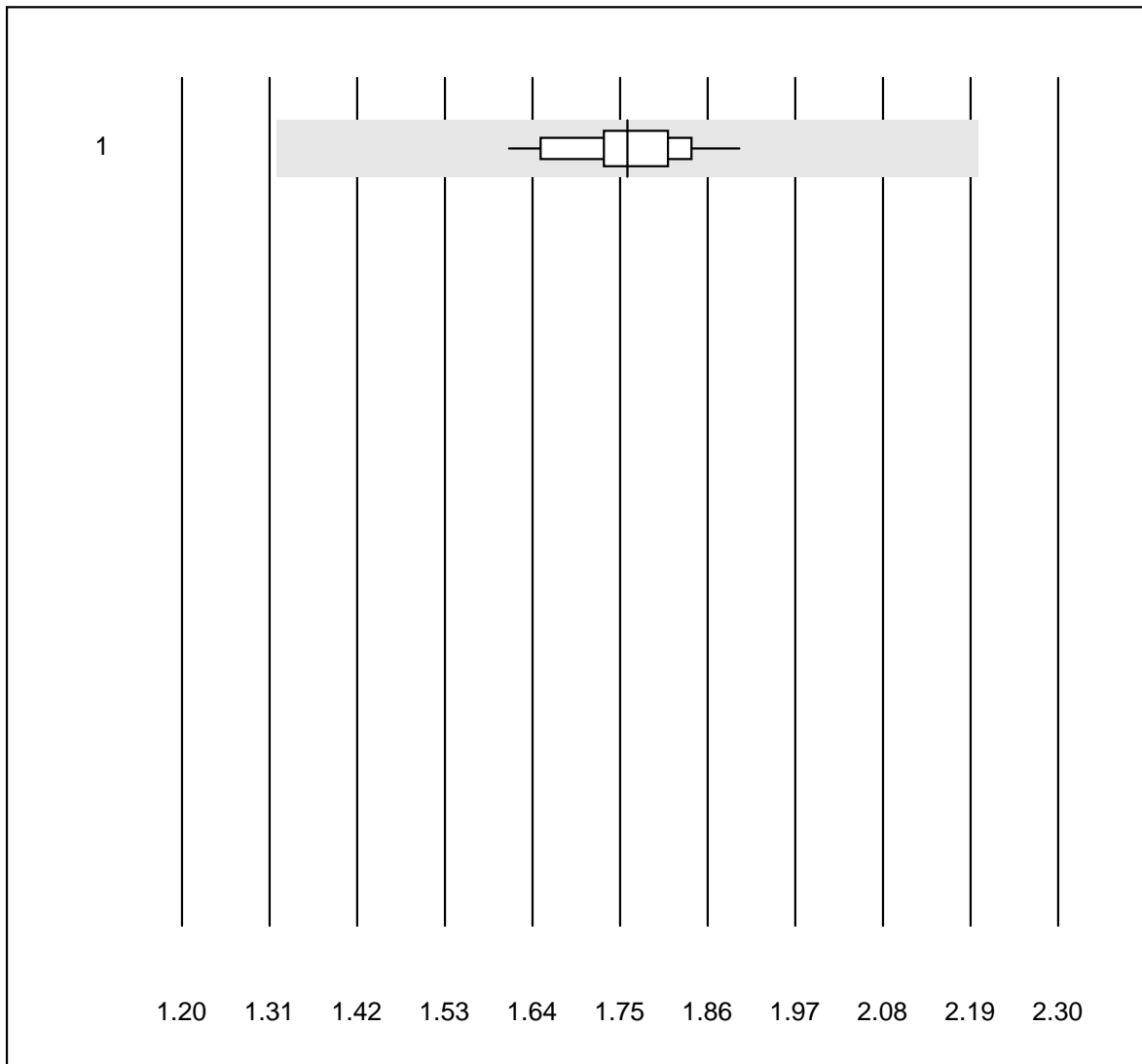


Deviazione QUALAB : 25 %

Neutrofili (G/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	13	100.0	0.0	0.0	2.77	3.4	e

Linfociti

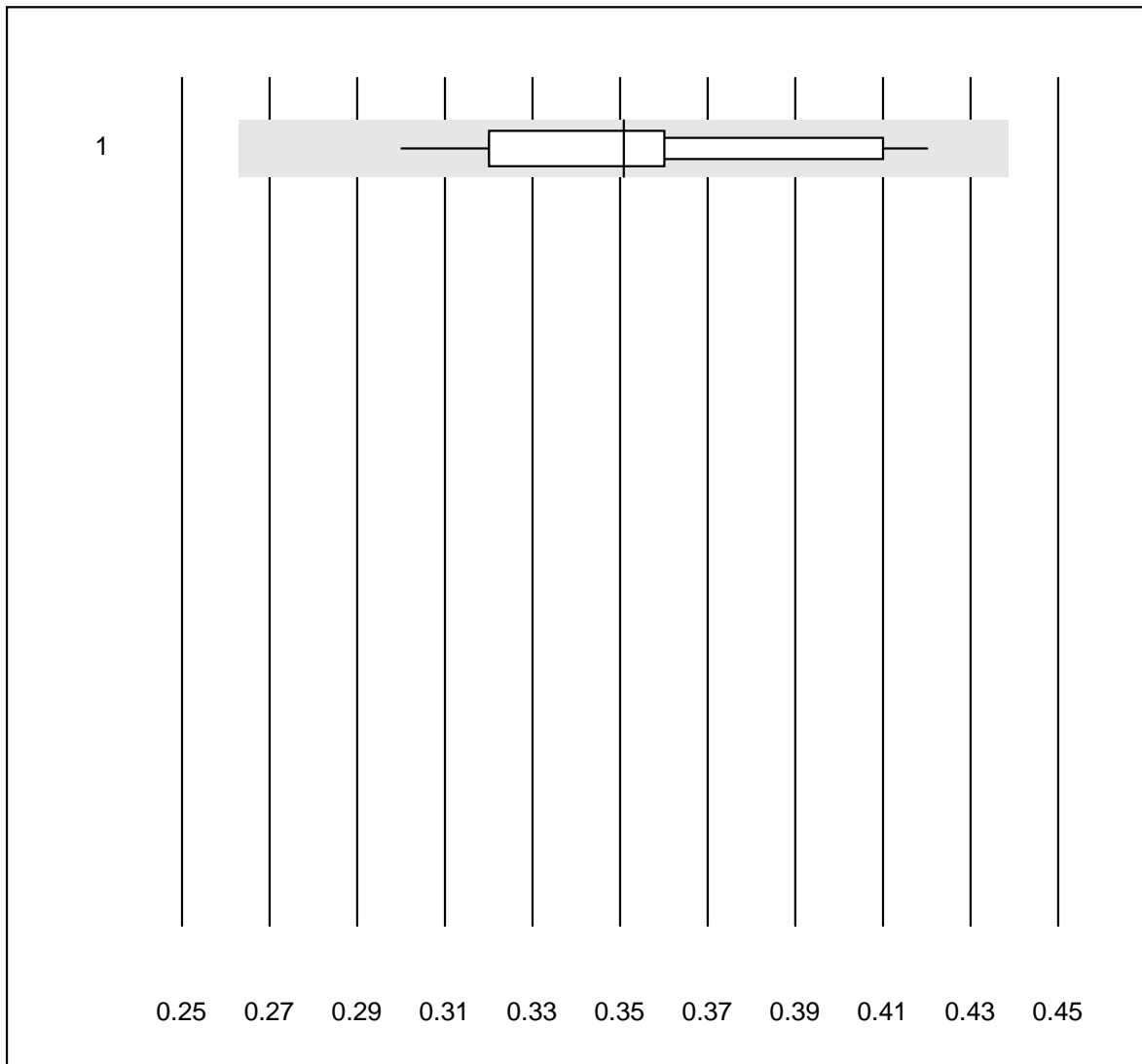


Deviazione QUALAB : 25 %

Linfociti (G/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	13	100.0	0.0	0.0	1.76	4.5	e

Monociti

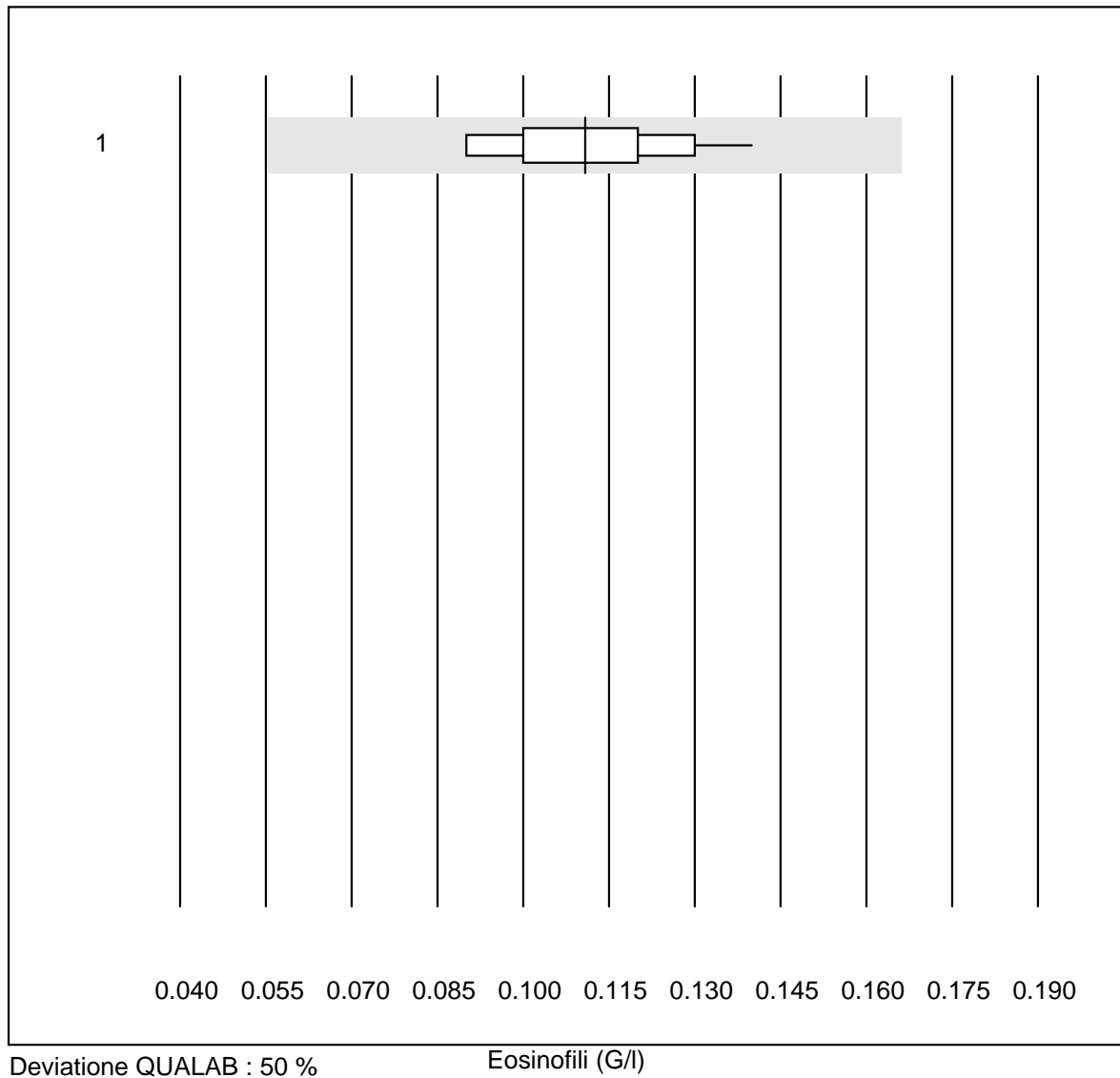


Deviazione QUALAB : 25 %

Monociti (G/l)

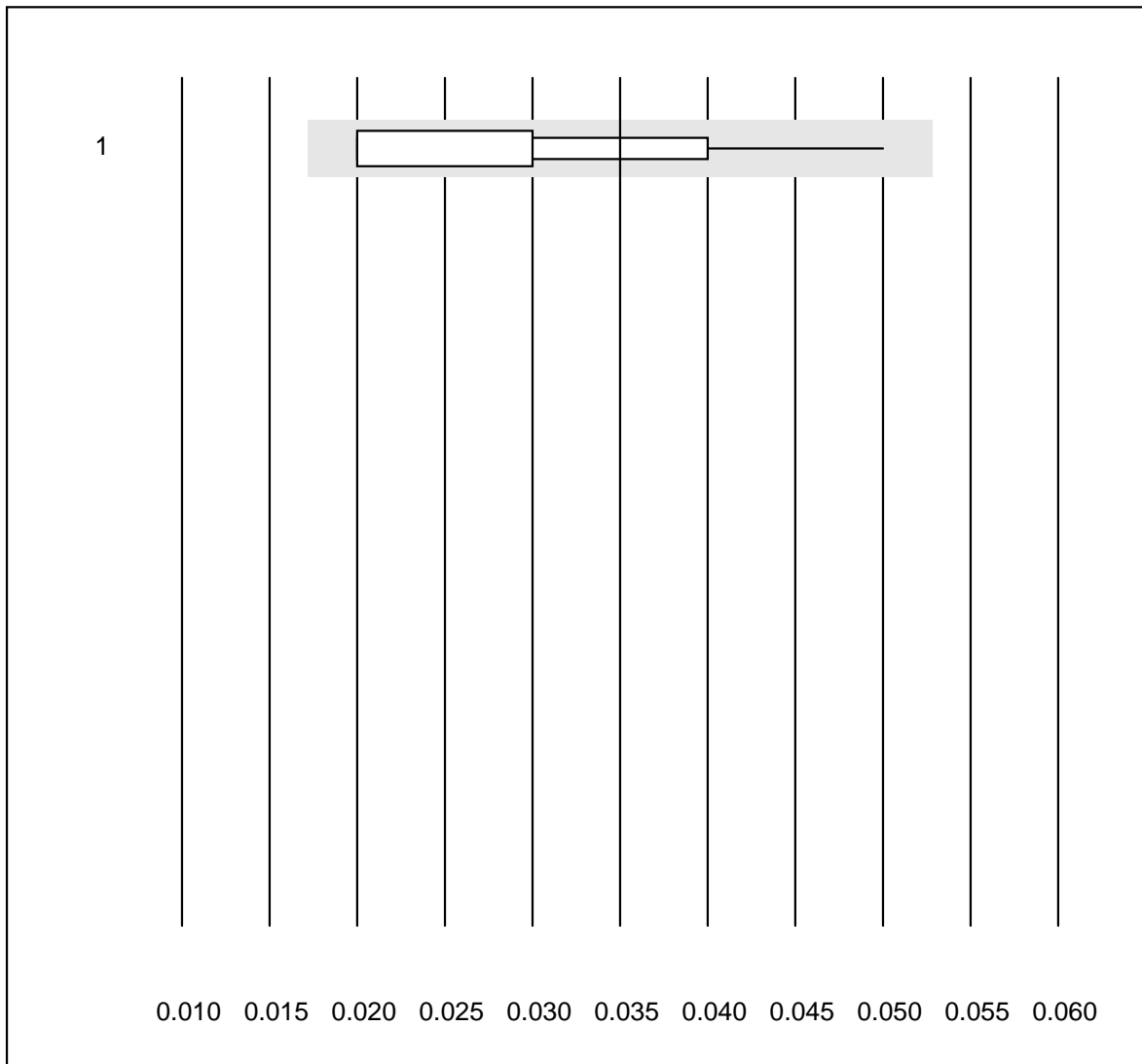
No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	13	92.3	0.0	7.7	0.35	10.4	e

Eosinofili



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	13	100.0	0.0	0.0	0.11	14.5	e

Basofili

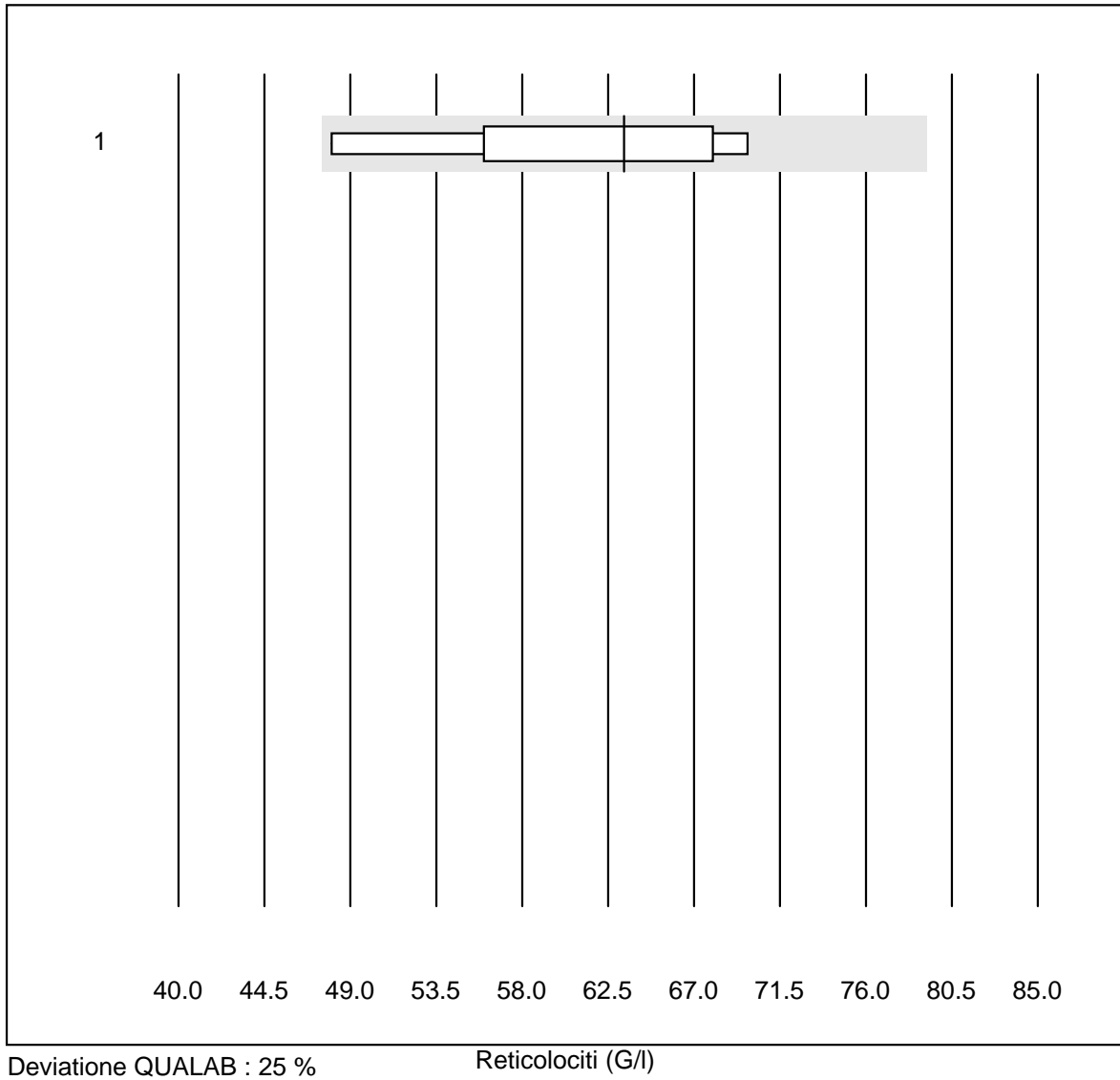


Deviazione QUALAB : 80 %

Basofili (G/l)

No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	13	100.0	0.0	0.0	0.04	34.7	a

Reticolociti



No.Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	9	100.0	0.0	0.0	63.3	12.6	e*