

Verein für  
Association pour le  
Associazione per il



medizinische Qualitätskontrolle  
contrôle de qualité médical  
controllo di qualità medico

# Rapporto del controllo circolare

## 2016 - 2

## **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

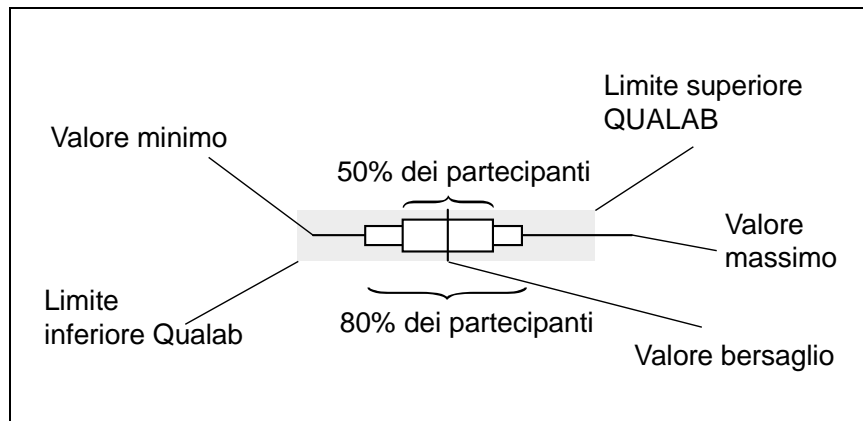
## **Tolleranze QUALAB e MQ**

Per le analisi obbligatorie vengono utilizzate le tolleranze Qualab ([www.qualab.ch](http://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:

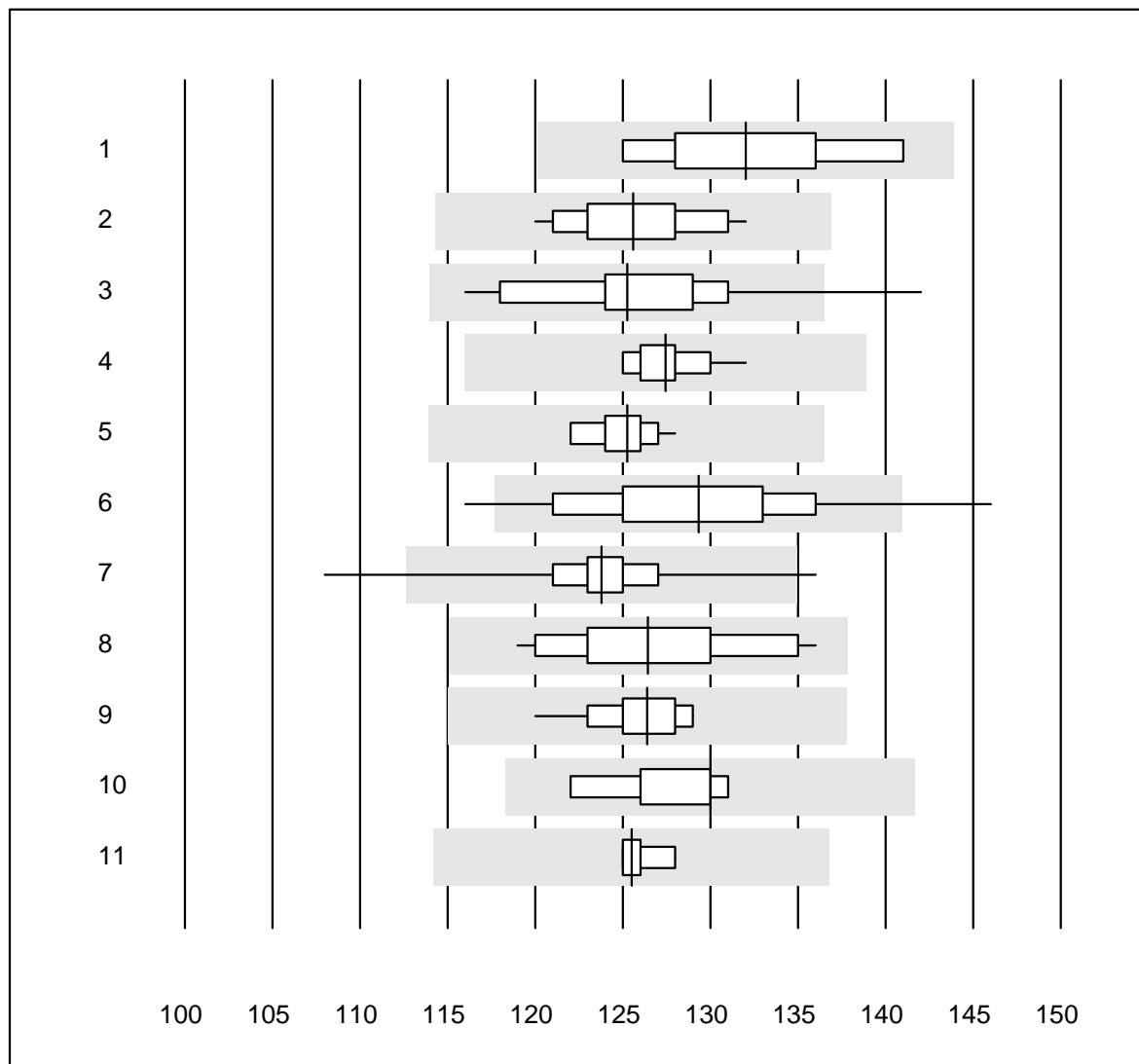
- Il campione di controllo K1 è un siero di controllo commerciale pronto per l'uso. Nonostante il campione sia di origine umana, non si può escludere l'insorgenza di effetti di matrice. Questi dipendono dallo strumento e portano a valori assegnati differenti.
- E' stato analizzato solo un campione. Poiché 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, 4.7.2016

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](http://www.mqzh.ch)*

## Emoglobina

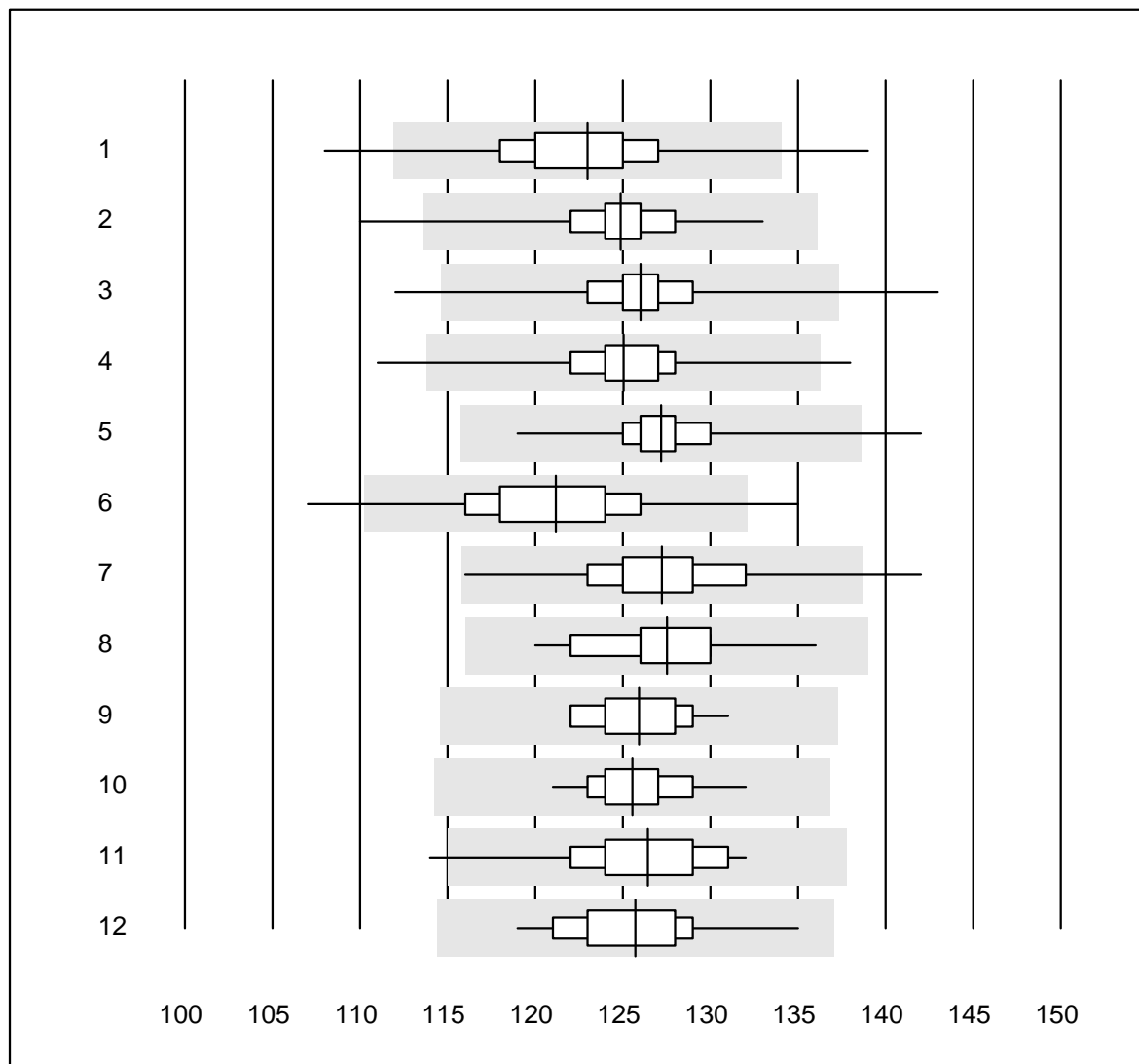


Tolleranza QUALAB : 9 %

Emoglobina (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 DiaSpect	6	100.0	0.0	0.0	132.0	4.3	e*
2 Automatico	34	100.0	0.0	0.0	125.6	2.7	e
3 Cianometemoglobina	45	91.1	2.2	6.7	125.2	4.1	e
4 Sysmex X	39	97.4	0.0	2.6	127.4	1.3	e
5 ABX Pentra	10	100.0	0.0	0.0	125.2	1.4	e
6 Reflotron	64	82.8	10.9	6.3	129.3	5.1	e
7 Hemocue	350	95.7	1.4	2.9	123.8	2.5	e
8 Dr. Lange	19	89.5	0.0	10.5	126.4	4.0	e
9 Hemocontrol	13	100.0	0.0	0.0	126.4	2.2	e
10 Eurolyser	5	100.0	0.0	0.0	130.0	2.9	e*
11 Celdyn	4	100.0	0.0	0.0	125.5	1.1	e

## Emoglobina

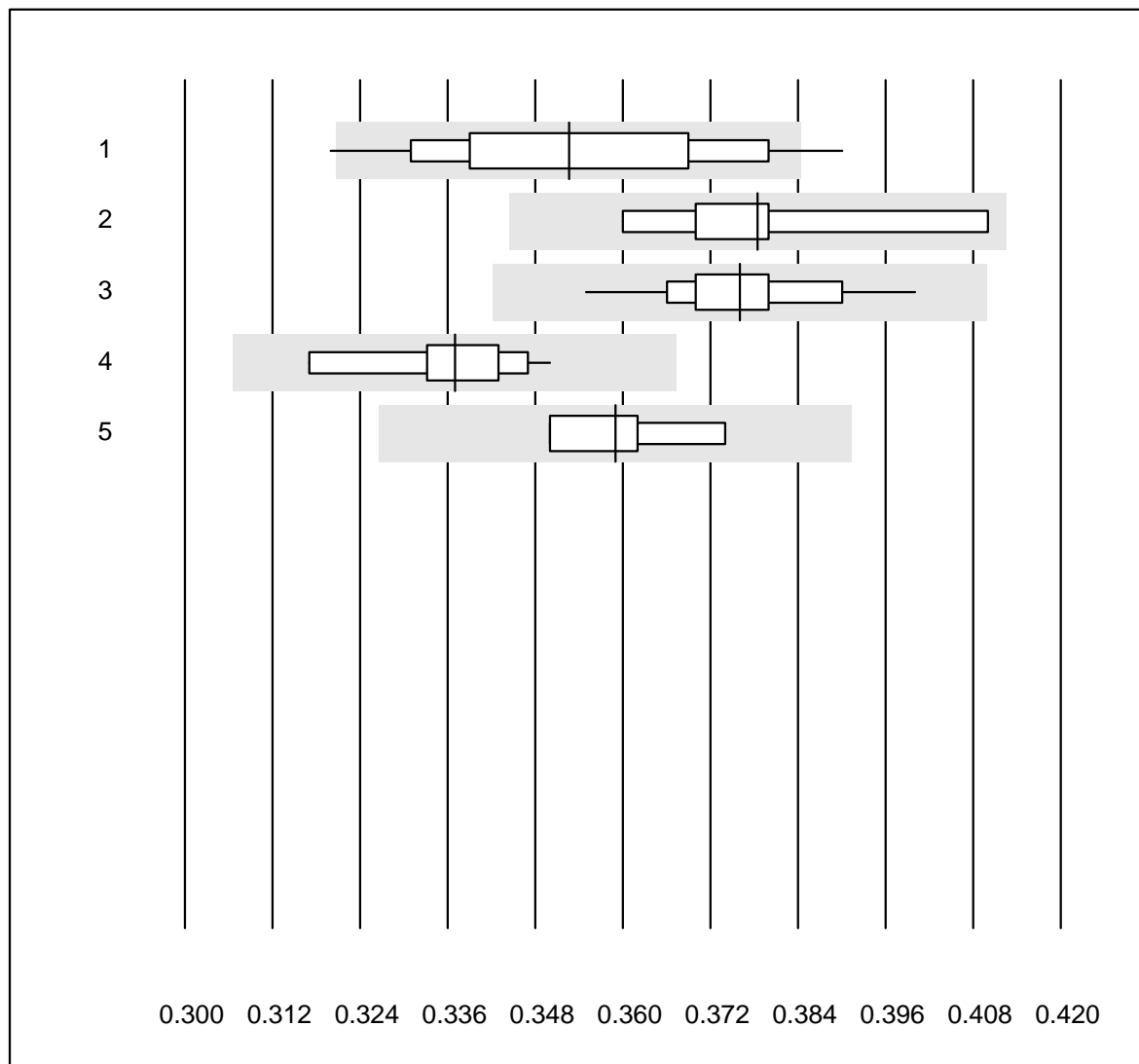


Tolleranza QUALAB : 9 %

Emoglobina (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Micros	739	96.2	1.1	2.7	123.0	3.1	e
2 Microsemi	366	99.2	0.3	0.5	124.9	2.1	e
3 Sysmex KX21	397	95.7	0.8	3.5	126.0	2.2	e
4 Sysmex Poch - 100i	206	95.2	2.4	2.4	125.0	2.7	e
5 Sysmex XP 300	261	96.5	0.8	2.7	127.2	2.0	e
6 Mythic	242	94.6	1.7	3.7	121.2	3.6	e
7 Swelab	68	97.0	1.5	1.5	127.2	3.1	e
8 Abacus Junior	12	100.0	0.0	0.0	127.5	3.2	e
9 Medonic	15	93.3	0.0	6.7	125.9	2.1	e
10 Nihon Kohden Celltac	35	97.1	0.0	2.9	125.6	2.1	e
11 Samsung HC10	45	93.4	4.4	2.2	126.4	3.2	e
12 Norma Icon 3	26	100.0	0.0	0.0	125.7	2.9	e

## Ematocrito

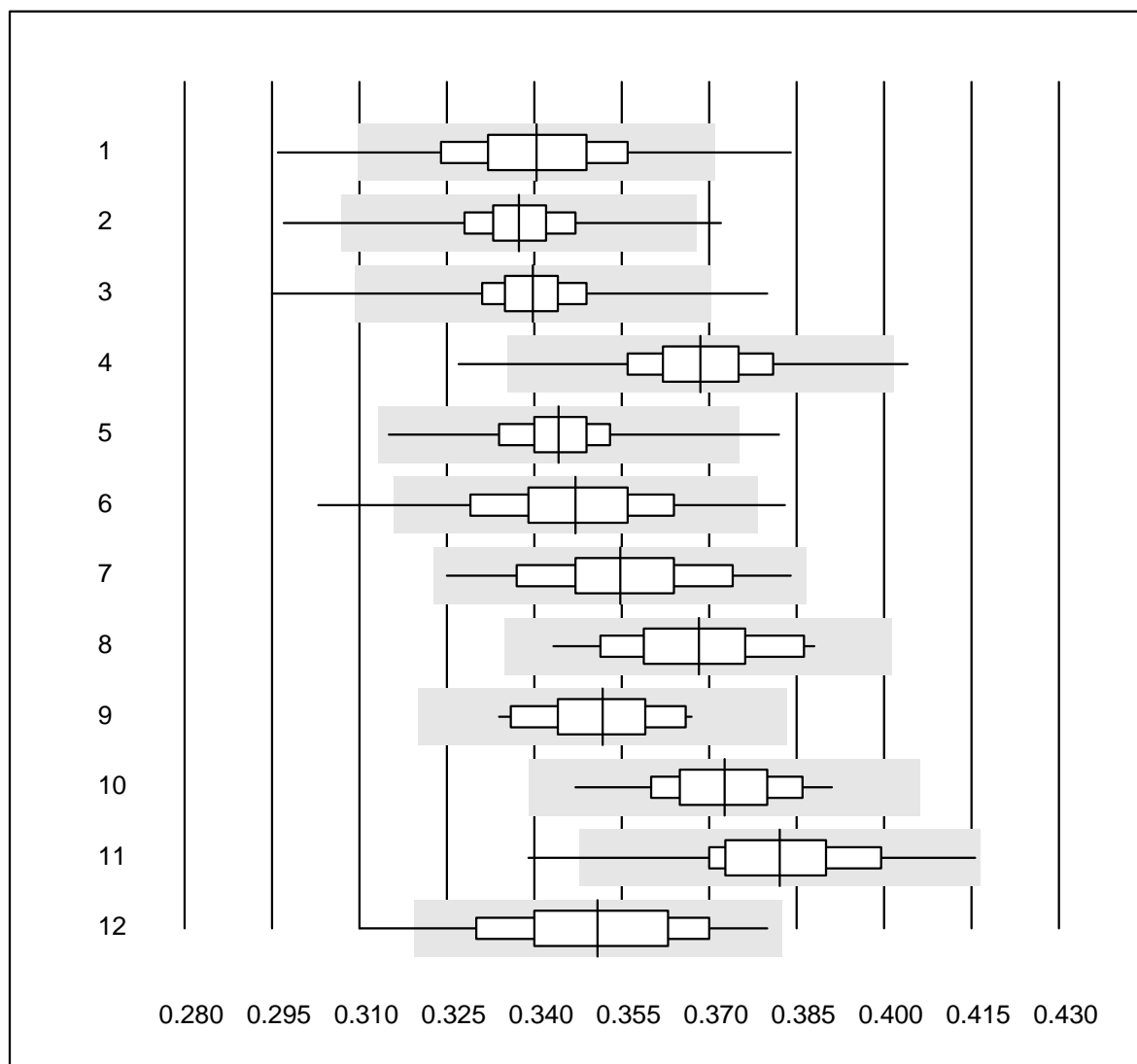


Tolleranza QUALAB : 9 %

Ematocrito (H)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Automatico	28	85.7	10.7	3.6	0.35	5.4	e
2 Centrifuga	13	100.0	0.0	0.0	0.38	4.7	e*
3 Sysmex X	38	97.4	0.0	2.6	0.38	2.6	e
4 ABX Pentra	10	100.0	0.0	0.0	0.34	2.8	e
5 Celldyn	4	100.0	0.0	0.0	0.36	2.8	e*

## Ematocrito

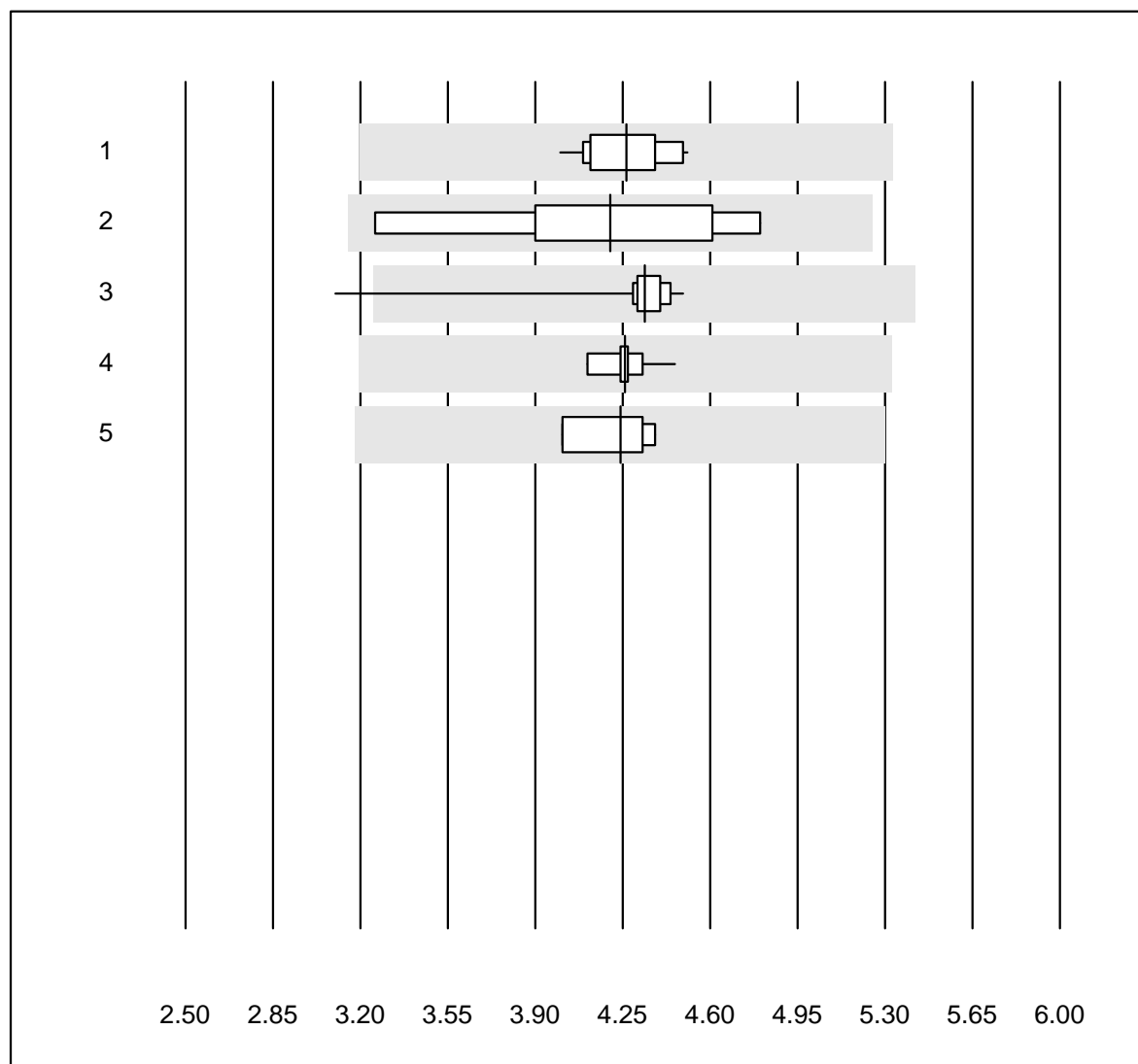


Tolleranza QUALAB : 9 %

Ematocrito (H)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Micros	739	94.4	2.4	3.2	0.34	3.8	e
2 Microsemi	363	98.6	0.8	0.6	0.34	2.4	e
3 Sysmex KX21	397	95.7	0.8	3.5	0.34	2.5	e
4 Sysmex Poch - 100i	206	98.0	1.5	0.5	0.37	3.1	e
5 Sysmex XP 300	257	98.0	1.2	0.8	0.34	2.4	e
6 Mythic	242	88.4	3.3	8.3	0.35	4.0	e
7 Swelab	68	98.5	0.0	1.5	0.35	3.8	e
8 Abacus Junior	12	100.0	0.0	0.0	0.37	3.6	e
9 Medonic	15	93.3	0.0	6.7	0.35	3.0	e
10 Nihon Kohden Celltac	36	94.4	0.0	5.6	0.37	3.0	e
11 Samsung HC10	45	93.4	4.4	2.2	0.38	4.0	e
12 Norma Icon 3	26	96.2	3.8	0.0	0.35	4.7	e

## Eritrociti



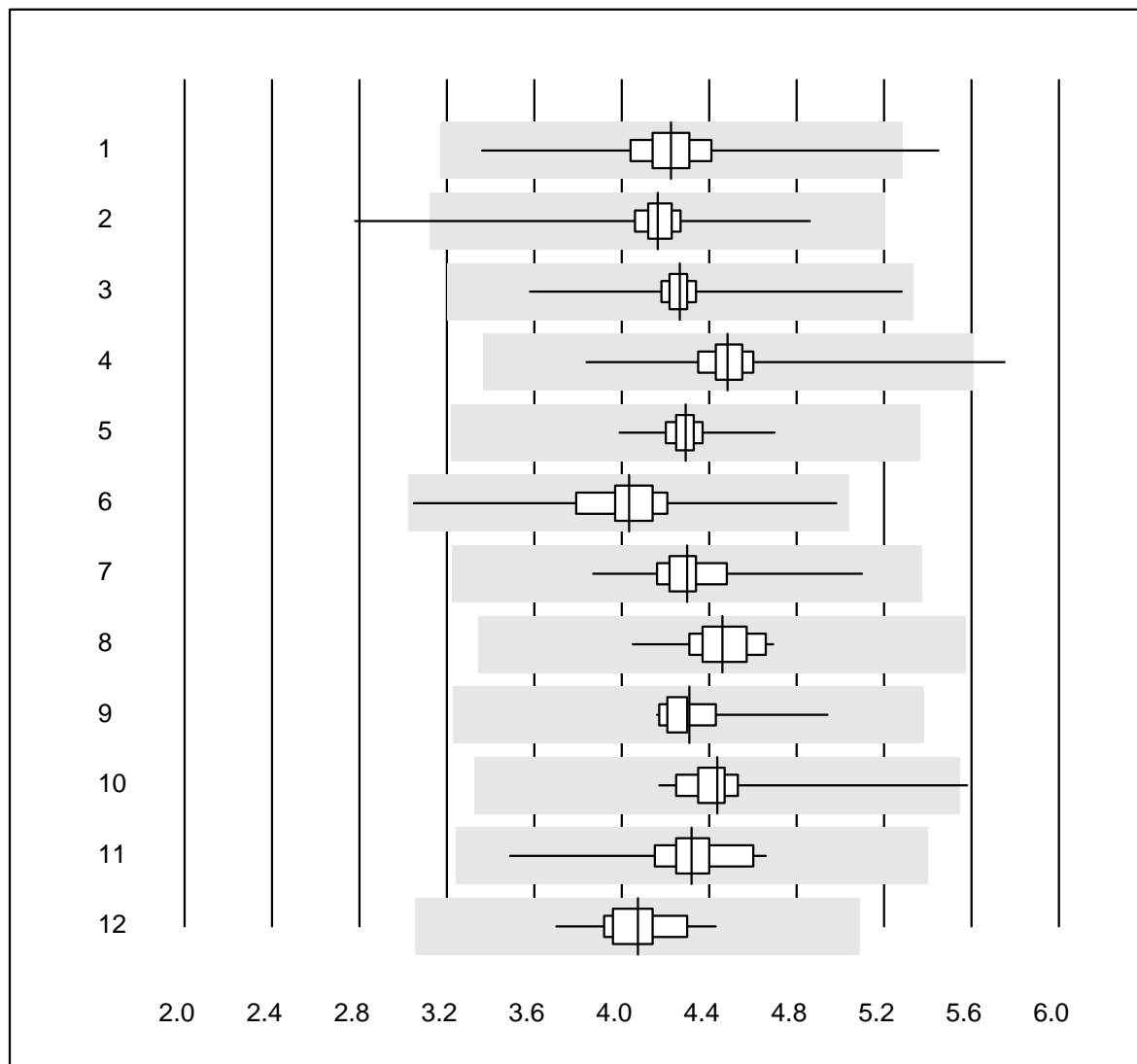
Tolleranza QUALAB : 25 %

Eritrociti (T/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Automatico	26	100.0	0.0	0.0	4.26	3.4	e
2 Microscopio	9	100.0	0.0	0.0	4.20	12.3	e*
3 Sysmex X	40	97.5	2.5	0.0	4.34	4.8	e
4 ABX Pentra	10	100.0	0.0	0.0	4.26	2.1	e
5 Celldyn	4	100.0	0.0	0.0	4.24	4.0	e



## Eritrociti

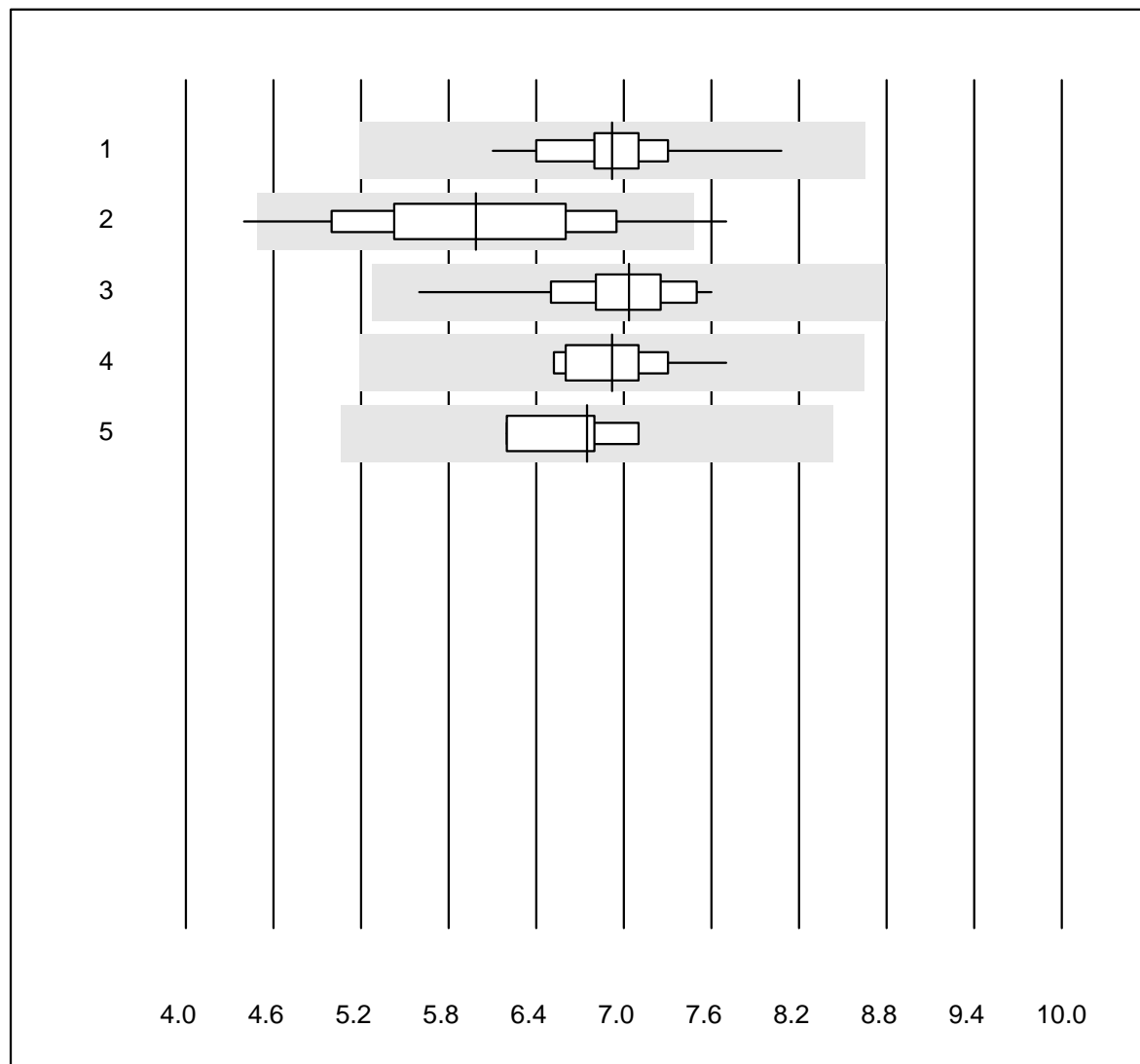


Tolleranza QUALAB : 25 %

Eritrociti (T/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Micros	739	98.3	0.3	1.4	4.23	4.3	e
2 Microsemi	365	99.2	0.5	0.3	4.16	3.6	e
3 Sysmex KX21	397	97.7	0.0	2.3	4.27	2.7	e
4 Sysmex Poch - 100i	206	98.5	0.5	1.0	4.48	3.3	e
5 Sysmex XP 300	259	98.8	0.0	1.2	4.29	2.0	e
6 Mythic	242	97.5	0.0	2.5	4.03	5.2	e
7 Swelab	68	100.0	0.0	0.0	4.30	3.9	e
8 Abacus Junior	12	100.0	0.0	0.0	4.46	3.8	e
9 Medonic	15	100.0	0.0	0.0	4.31	4.4	e
10 Nihon Kohden Celltac	35	97.1	2.9	0.0	4.44	5.1	e
11 Samsung HC10	45	100.0	0.0	0.0	4.32	4.7	e
12 Norma Icon 3	26	100.0	0.0	0.0	4.07	3.8	e

## Leucociti

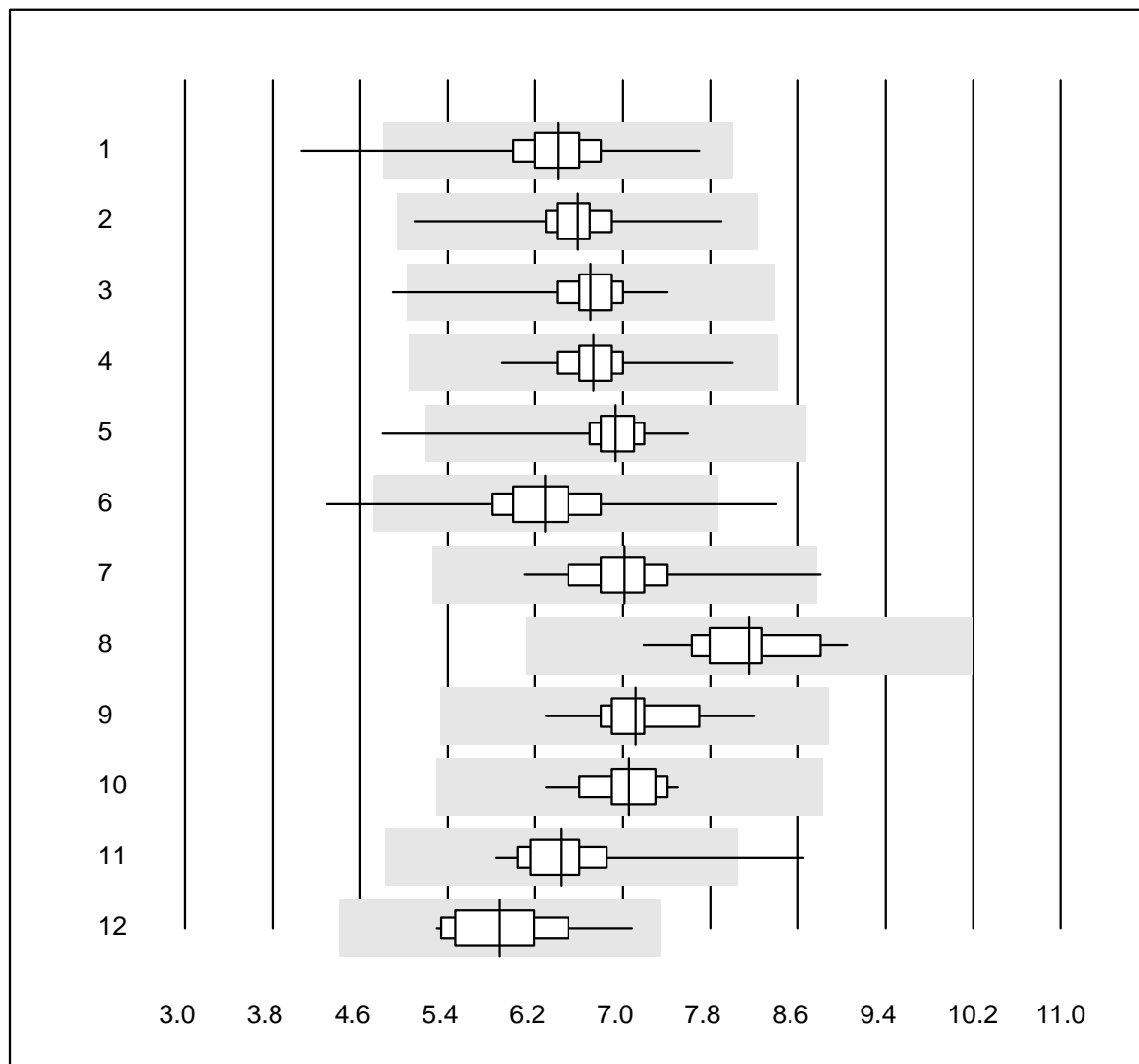


Tolleranza QUALAB : 25 %

Leucociti (G/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Automatico	25	100.0	0.0	0.0	6.92	6.1	e
2 Microscopio	48	91.6	4.2	4.2	5.98	12.6	e
3 Sysmex X	39	100.0	0.0	0.0	7.03	5.4	e
4 ABX Pentra	10	100.0	0.0	0.0	6.92	5.5	e
5 Celldyn	4	100.0	0.0	0.0	6.75	5.6	e

## Leucociti

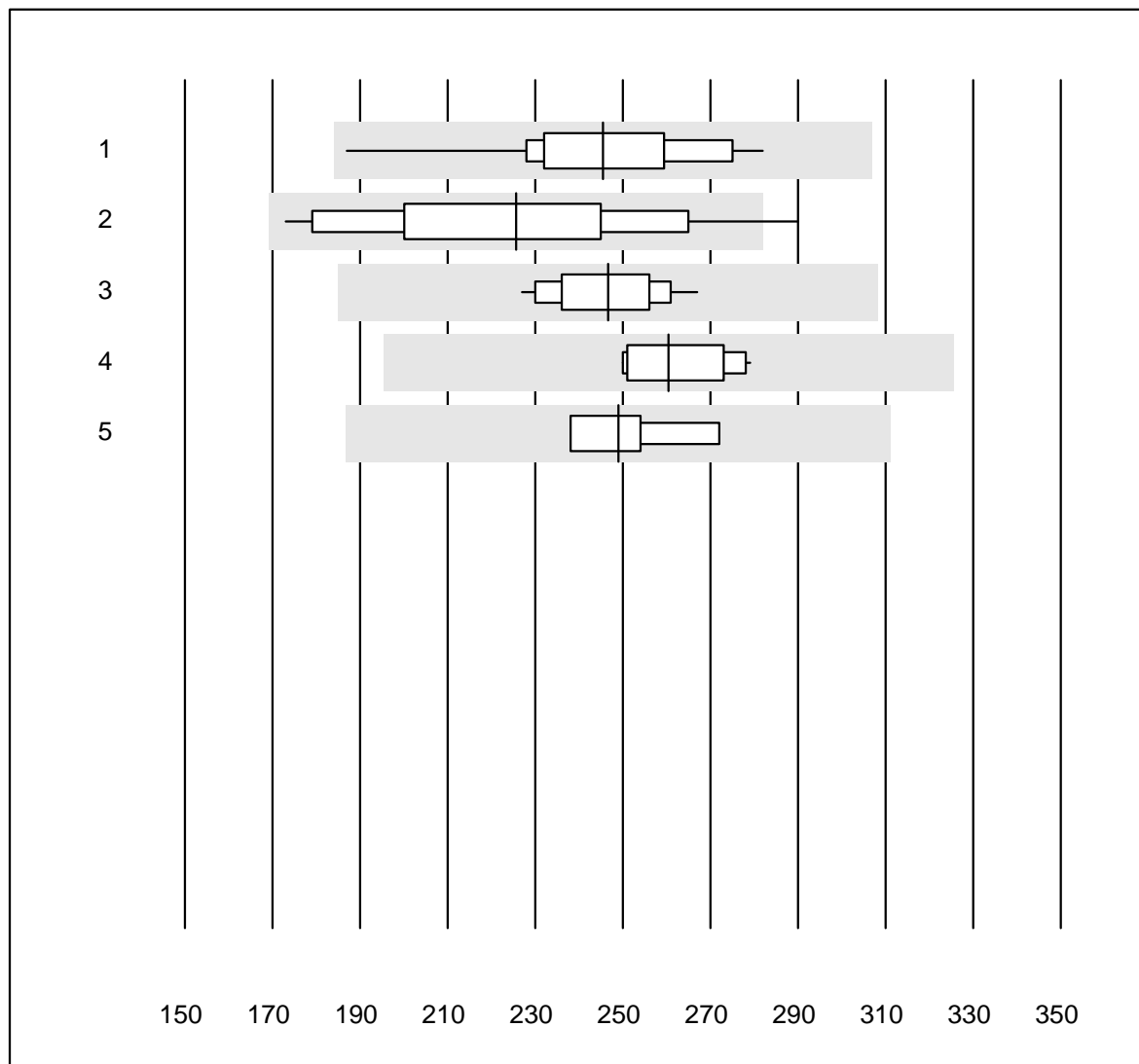


Tolleranza QUALAB : 25 %

Leucociti (G/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Micros	739	99.2	0.3	0.5	6.41	5.5	e
2 Microsemi	366	100.0	0.0	0.0	6.59	4.0	e
3 Sysmex KX21	397	99.2	0.3	0.5	6.71	4.2	e
4 Sysmex Poch - 100i	206	100.0	0.0	0.0	6.73	4.3	e
5 Sysmex XP 300	261	99.2	0.4	0.4	6.93	4.1	e
6 Mythic	239	97.0	1.7	1.3	6.30	6.9	e
7 Swelab	68	98.5	1.5	0.0	7.01	5.9	e
8 Abacus Junior	12	100.0	0.0	0.0	8.15	6.3	e
9 Medonic	15	100.0	0.0	0.0	7.11	6.0	e
10 Nihon Kohden Celltac	35	100.0	0.0	0.0	7.06	4.2	e
11 Samsung HC10	45	97.8	2.2	0.0	6.44	6.9	e
12 Norma Icon 3	26	100.0	0.0	0.0	5.88	8.1	e

# Trombociti

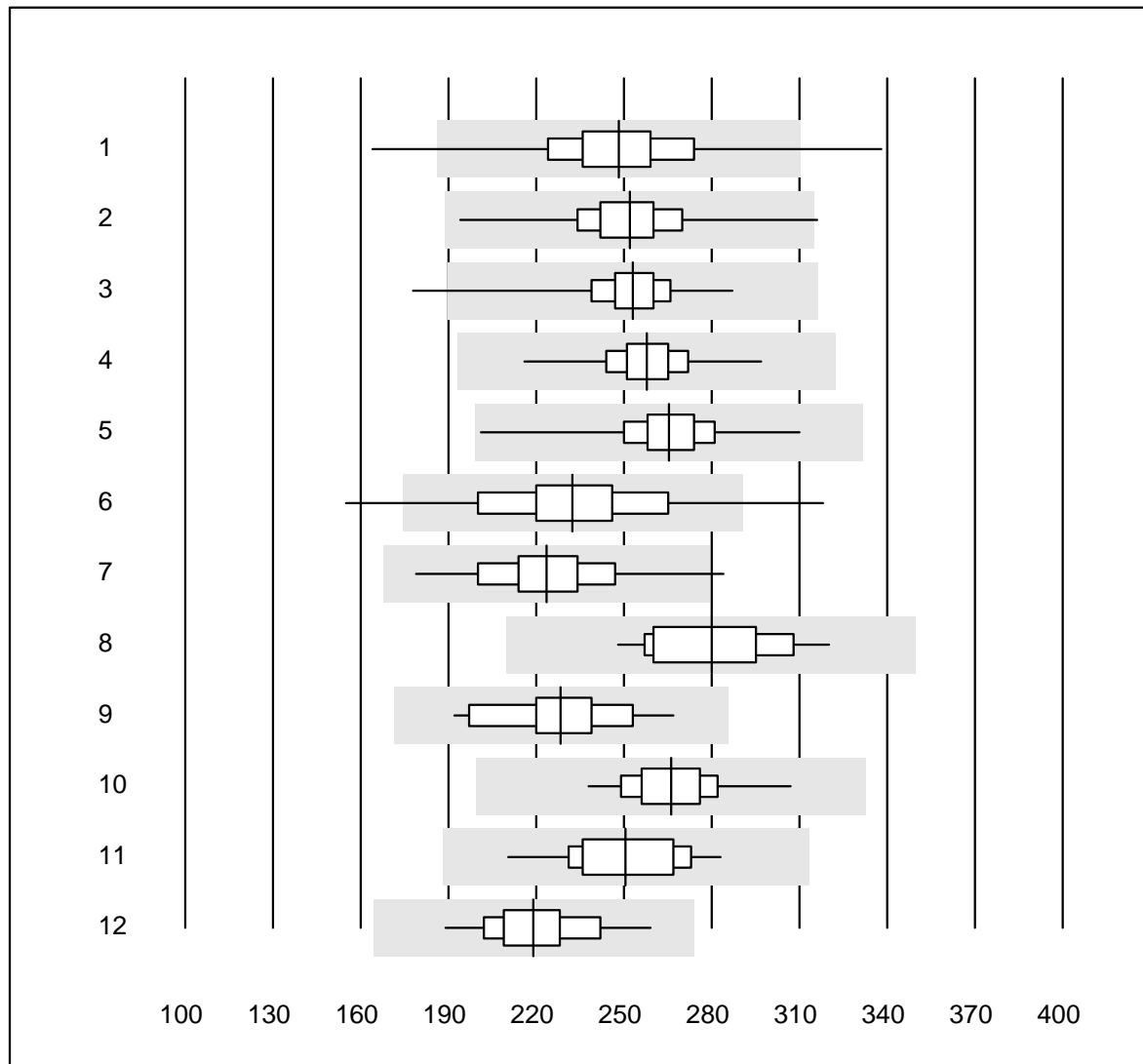


Tolleranza QUALAB : 25 %

Trombociti (G/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Automatico	23	100.0	0.0	0.0	245.5	9.0	e
2 Microscopio	28	92.8	3.6	3.6	225.6	14.2	e
3 Sysmex X	39	100.0	0.0	0.0	246.7	4.7	e
4 ABX Pentra	10	100.0	0.0	0.0	260.4	4.5	e
5 Celldyn	4	100.0	0.0	0.0	249.0	5.9	e

## Trombociti

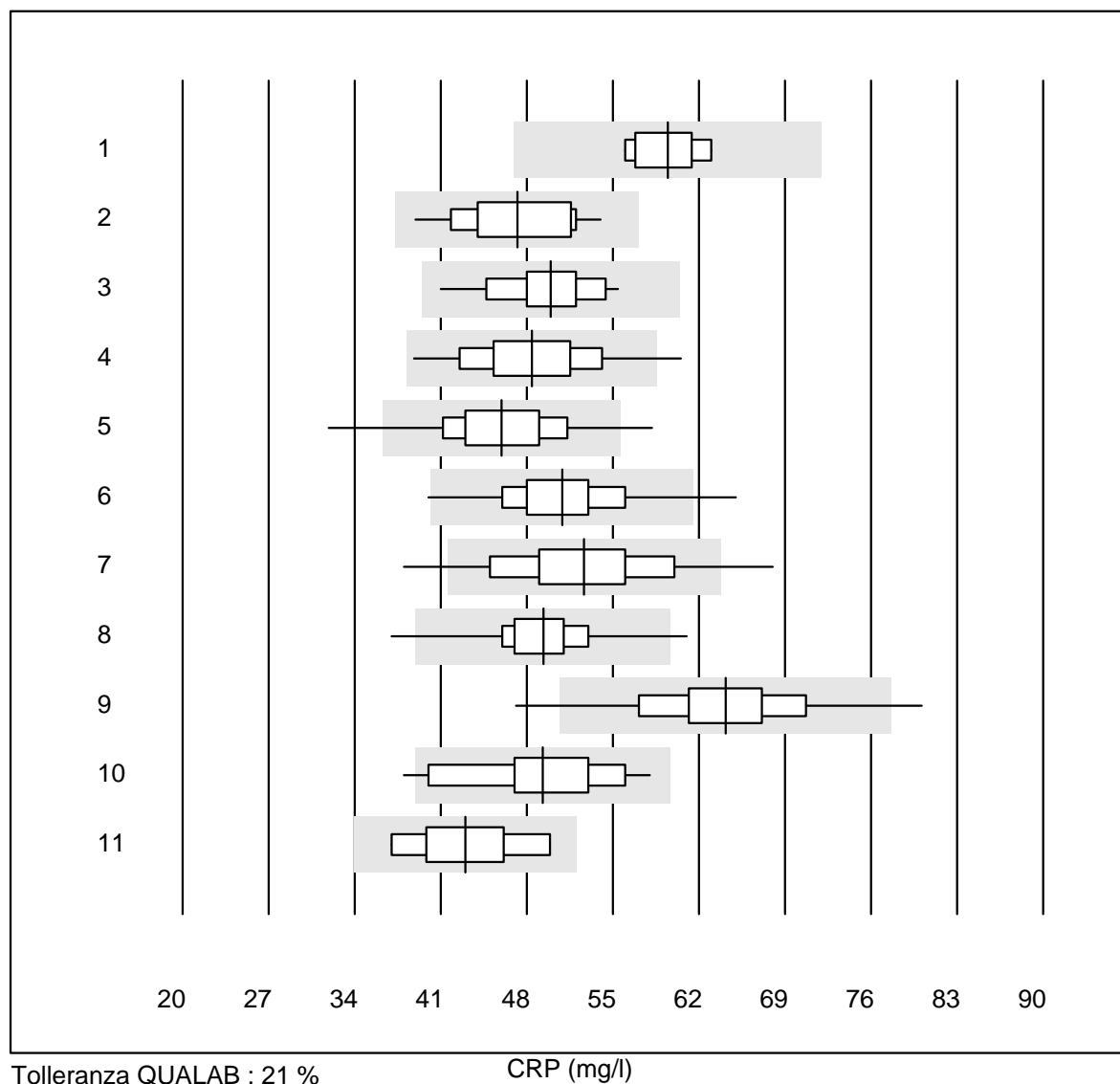


Tolleranza QUALAB : 25 %

Trombociti (G/l)

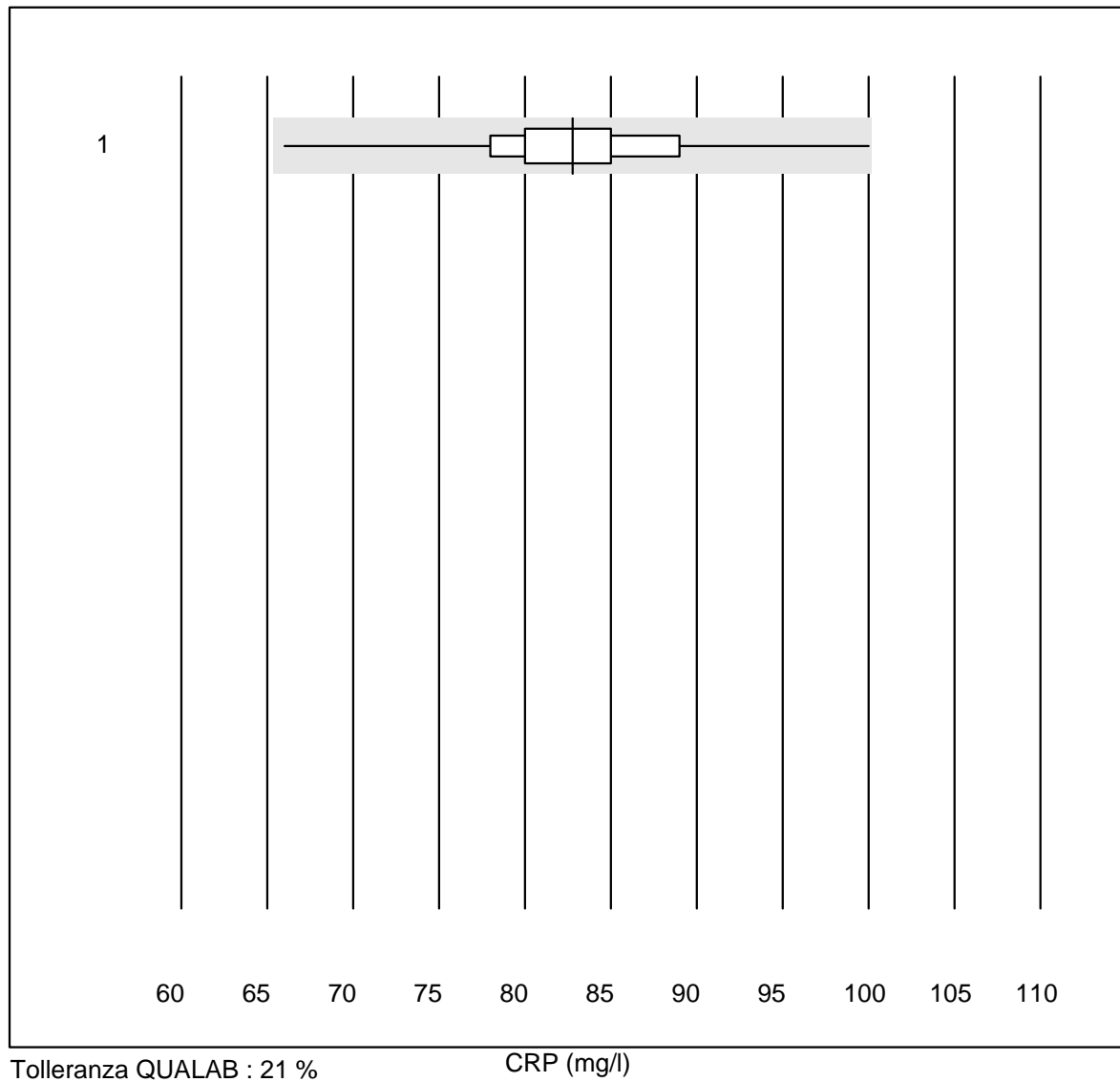
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Micros	739	97.6	1.6	0.8	248.1	8.5	e
2 Microsemi	365	99.4	0.3	0.3	252.1	5.9	e
3 Sysmex KX21	397	99.2	0.5	0.3	253.0	4.9	e
4 Sysmex Poch - 100i	206	100.0	0.0	0.0	257.8	4.5	e
5 Sysmex XP 300	260	100.0	0.0	0.0	265.4	5.1	e
6 Mythic	242	95.5	3.3	1.2	232.5	10.7	e
7 Swelab	68	97.0	1.5	1.5	223.6	8.8	e
8 Abacus Junior	12	100.0	0.0	0.0	279.9	8.1	e
9 Medonic	15	100.0	0.0	0.0	228.4	8.8	e
10 Nihon Kohden Celltac	35	97.1	0.0	2.9	266.1	5.5	e
11 Samsung HC10	45	100.0	0.0	0.0	250.5	7.2	e
12 Norma Icon 3	26	100.0	0.0	0.0	219.1	7.0	e

## CRP



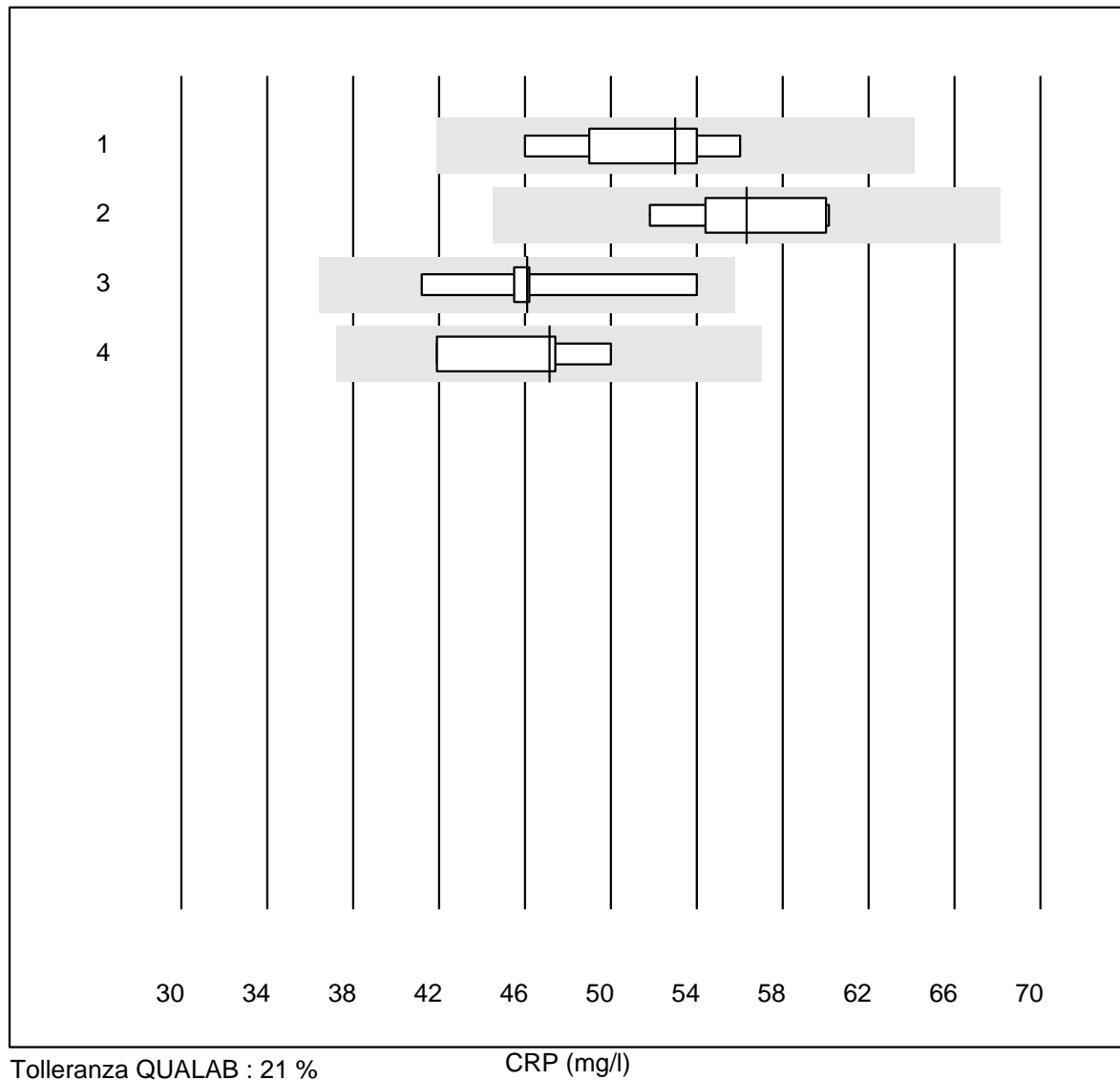
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Piccolo	6	100.0	0.0	0.0	59.5	4.5	e
2 Cobas	13	100.0	0.0	0.0	47.2	10.0	e*
3 Turbidimetrie	27	100.0	0.0	0.0	49.9	7.3	e
4 Abx Micros	95	96.8	1.1	2.1	48.4	9.2	e
5 ABX Micros CRP200	287	96.5	2.8	0.7	46.0	9.2	e
6 Afinion	1249	99.3	0.6	0.1	50.9	7.4	e
7 NycoCard SingleTest-	347	82.7	4.9	12.4	52.7	10.7	e
8 Quick Read go	150	96.0	1.3	2.7	49.3	6.5	e
9 Eurolyser	128	78.9	3.9	17.2	64.2	9.2	e
10 Fuji Dri-Chem	27	92.6	3.7	3.7	49.3	11.0	e
11 Autolyser/DiaSys	9	88.9	0.0	11.1	43.0	10.2	e*

## CRP



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 QuickRead (sangue)	143	99.3	0.0	0.7	82.8	6.0	e

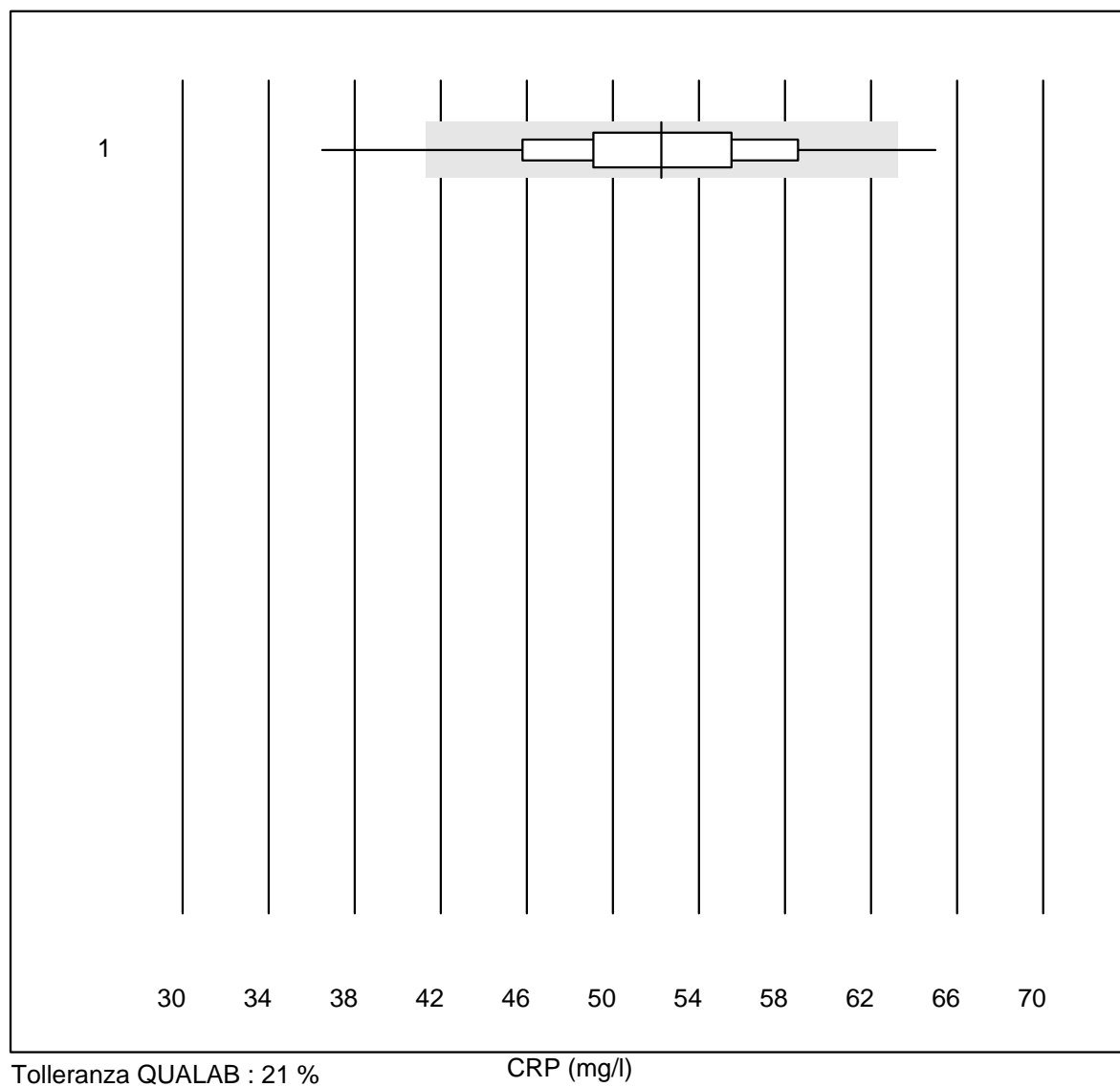
## CRP



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 AQT 90 FLEX	8	100.0	0.0	0.0	53.0	6.4	e
2 Spotchem D-Concept	6	100.0	0.0	0.0	56.3	5.8	e
3 Spotchem SI-3510	5	100.0	0.0	0.0	46.1	9.9	e*
4 altro	5	80.0	0.0	20.0	47.1	7.3	e*

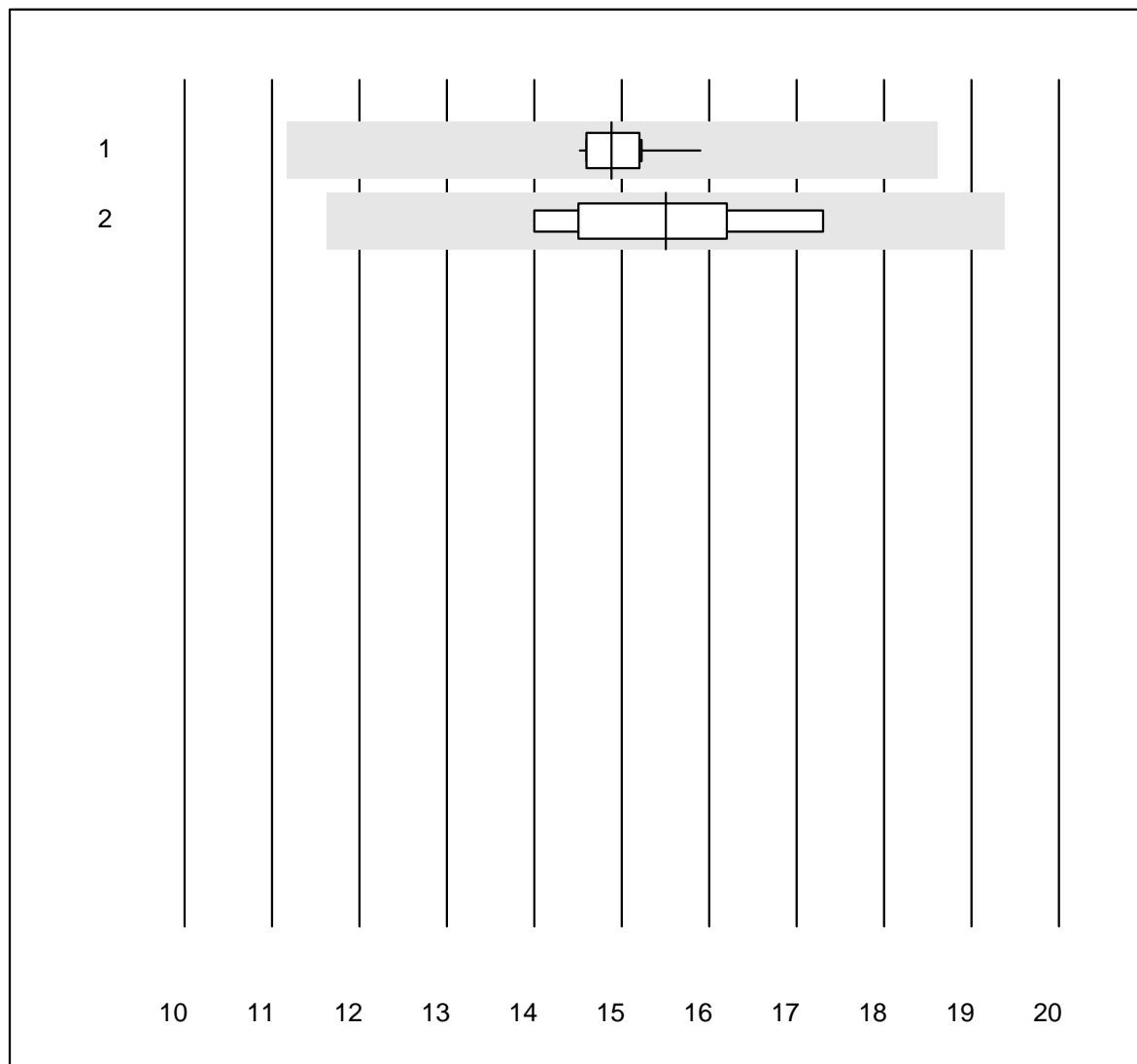


## CRP



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Microsemi	362	95.0	3.6	1.4	52.3	9.8	e

# IgG

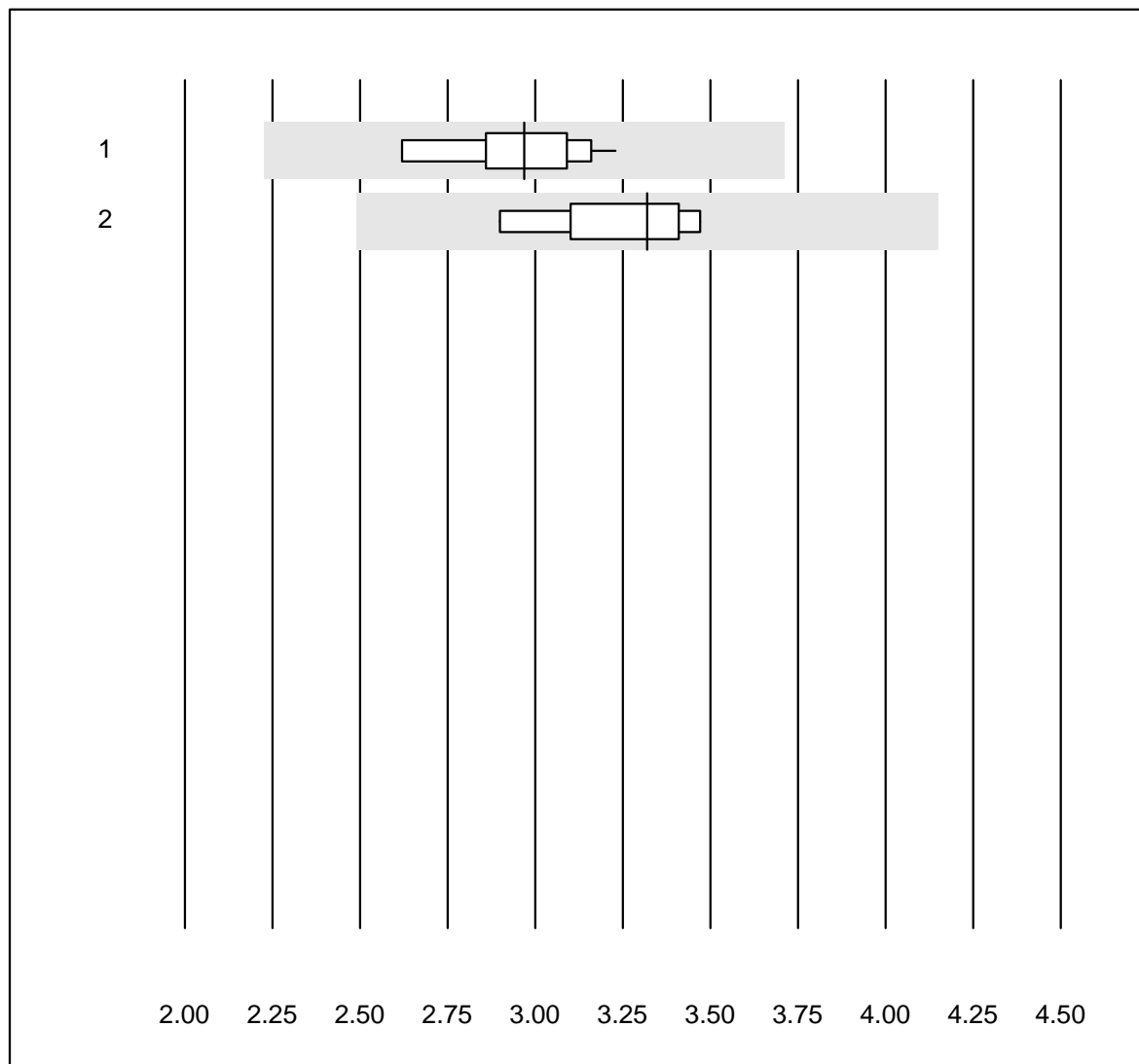


Tolleranza QUALAB : 25 %

IgG (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Turbidimetrie	11	100.0	0.0	0.0	14.9	2.8	e
2 Nephelometrie	7	100.0	0.0	0.0	15.5	7.4	e

# IgA



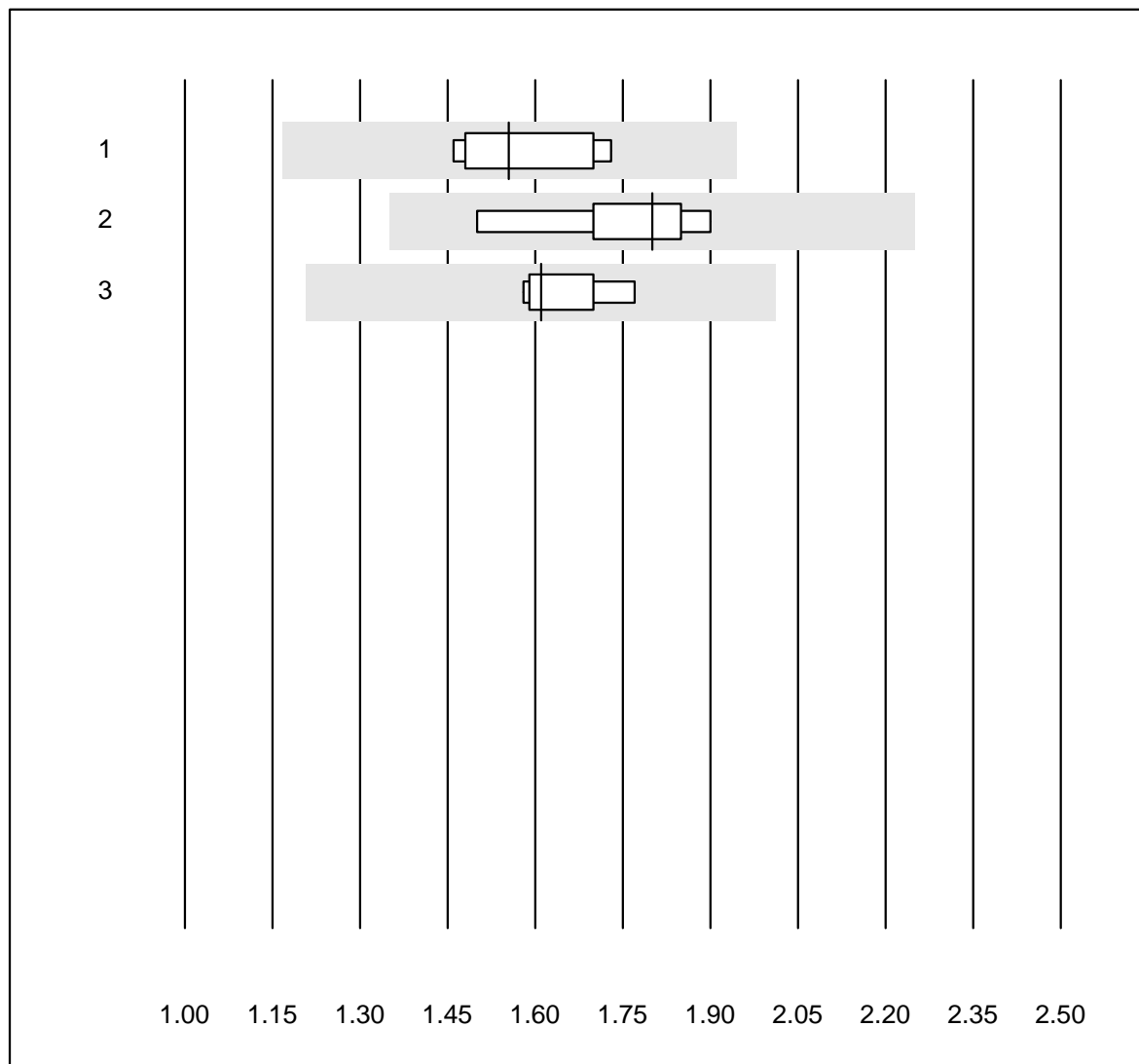
Tolleranza QUALAB : 25 %

IgA (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Turbidimetrie	10	100.0	0.0	0.0	3.0	5.9	e
2 Nephelometrie	7	100.0	0.0	0.0	3.3	6.0	e

# I2 Proteine plasmatiche

## IgM

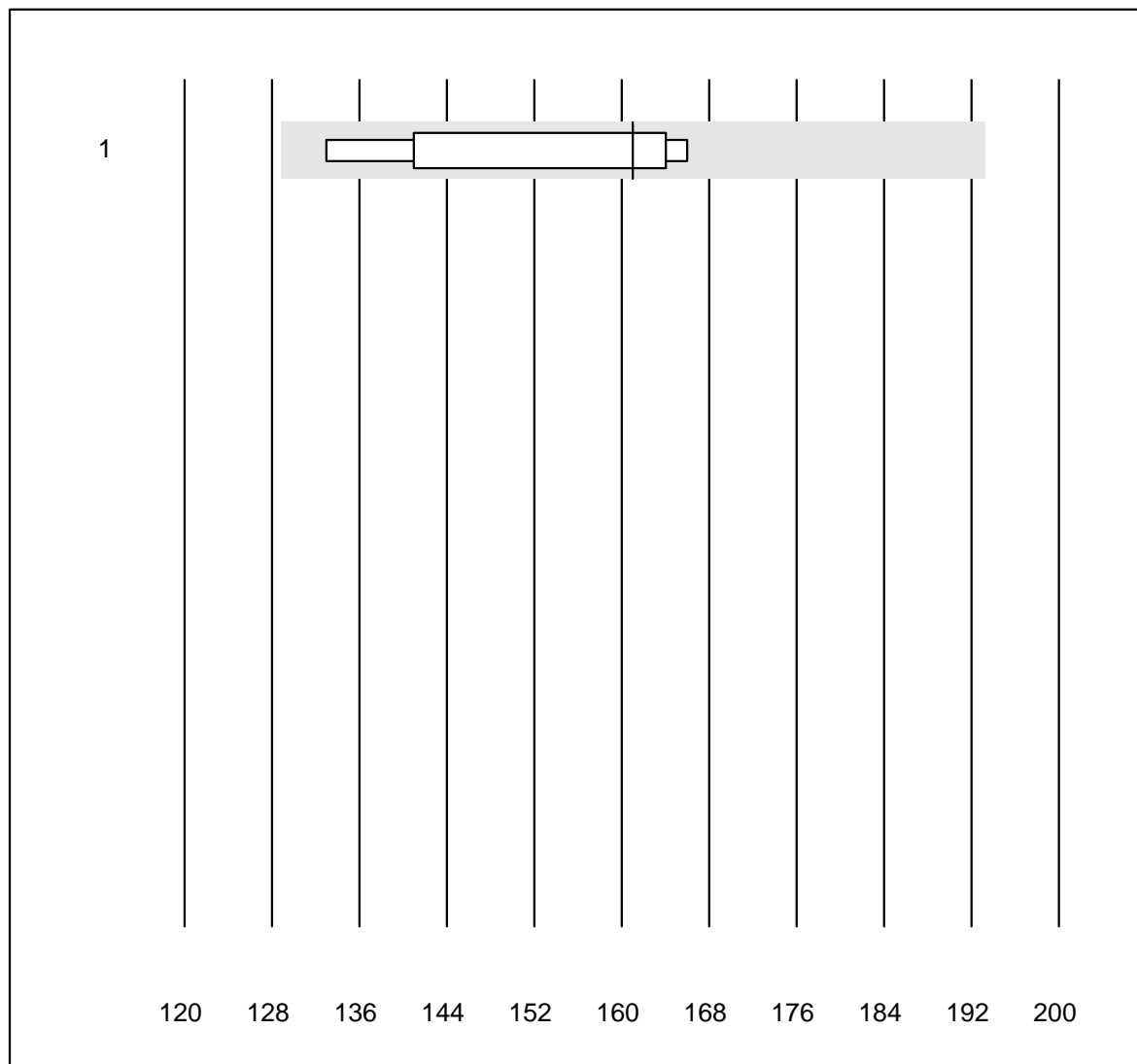


Tolleranza QUALAB : 25 %

IgM (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Turbidimetrie	6	100.0	0.0	0.0	1.6	7.3	e
2 Nephelometrie	7	100.0	0.0	0.0	1.8	7.5	e
3 Cobas Integra 800/40	5	100.0	0.0	0.0	1.6	5.0	e

# IgE

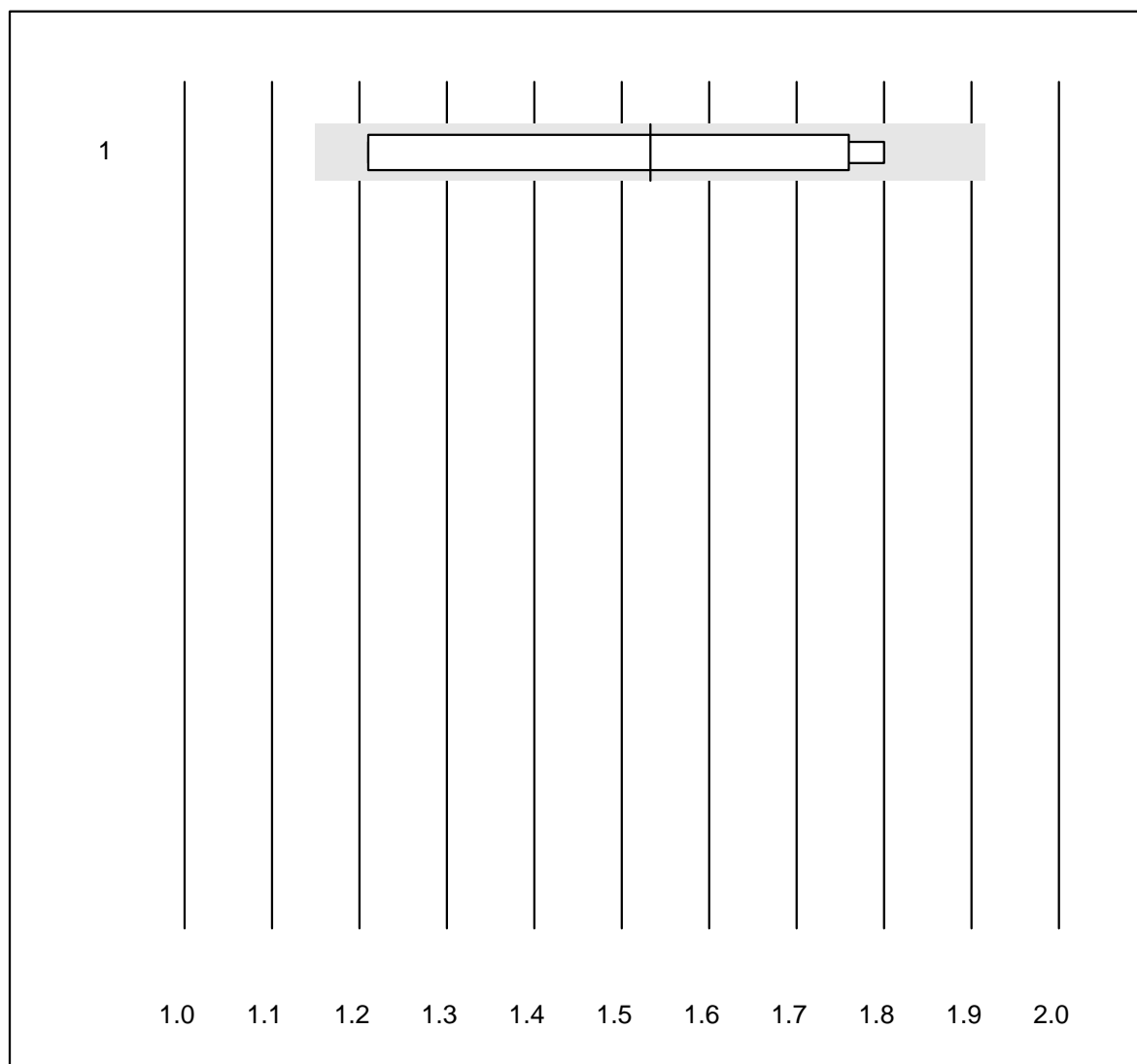


Tolleranza QUALAB : 20 %

IgE (kU/L)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	9	77.8	0.0	22.2	161	8.2	e*

## Alpha-1-Antitripsina

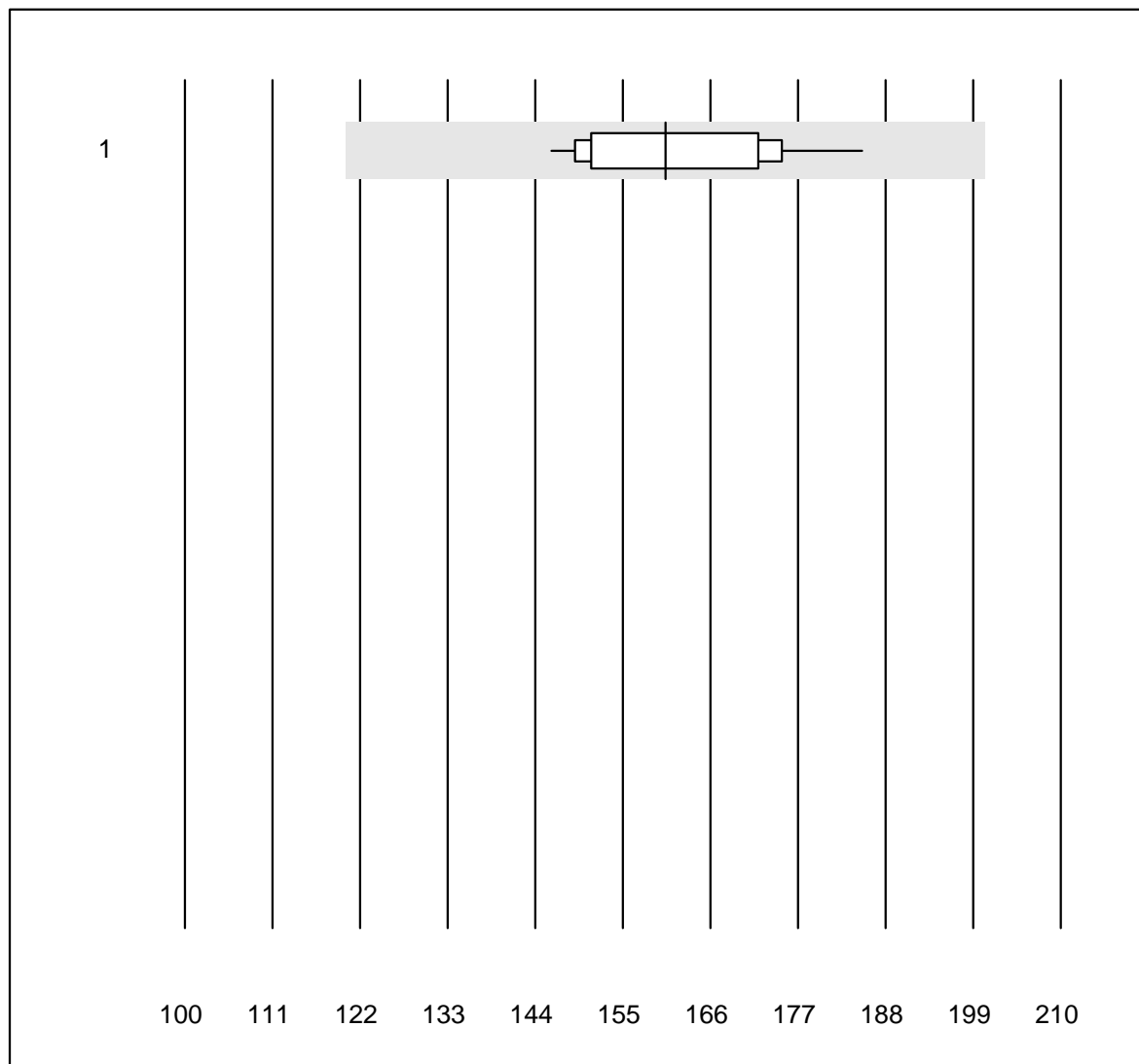


Tolleranza QUALAB : 25 %

Alpha-1-Antitripsina (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Nephelometrie	4	100.0	0.0	0.0	1.53	19.1	a

## Anticorpi anti-streptolisina

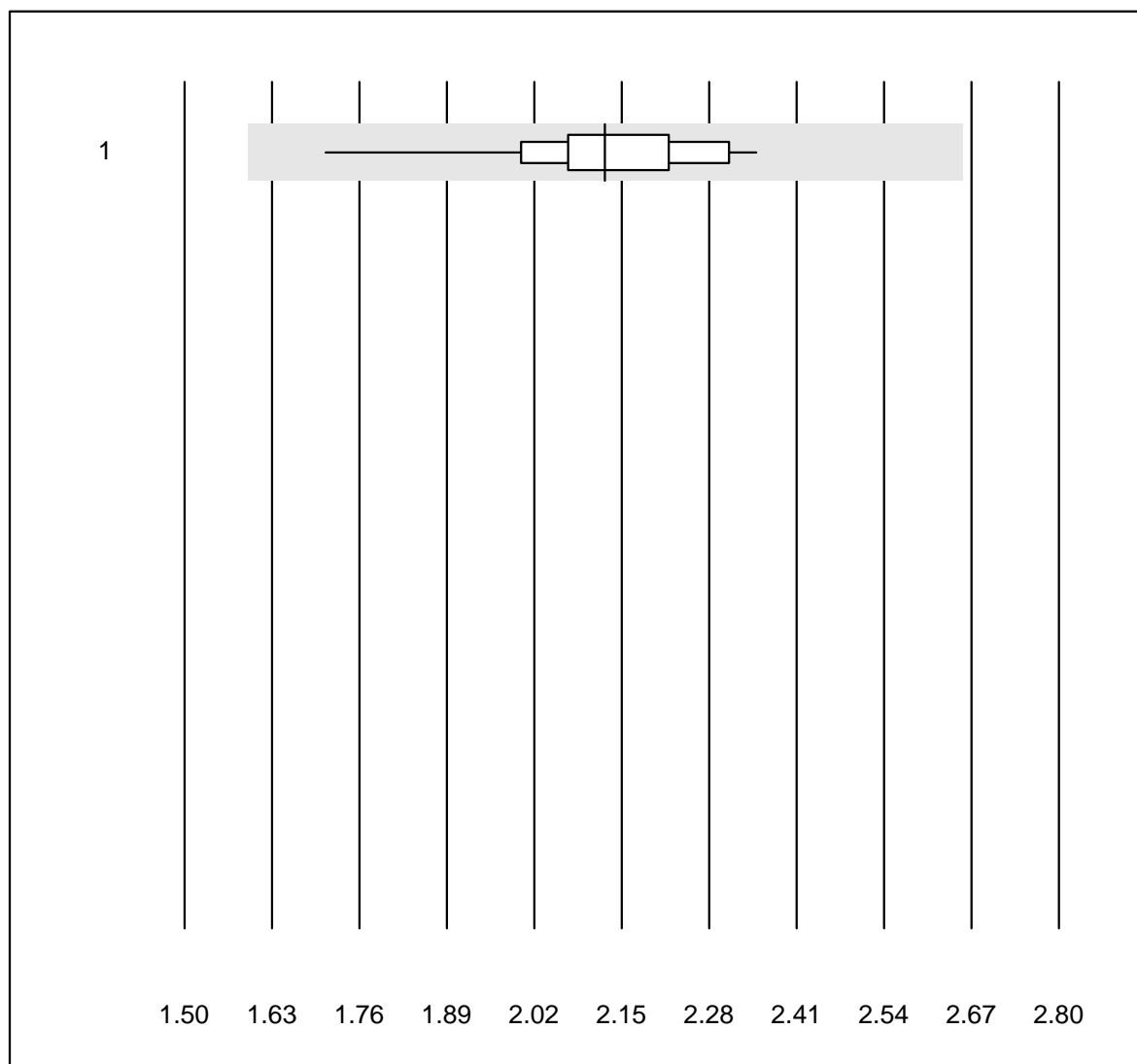


Tolleranza QUALAB : 25 %

Anticorpi anti-streptolisina (kIU/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	11	100.0	0.0	0.0	160	7.7	e

## Complemento C3



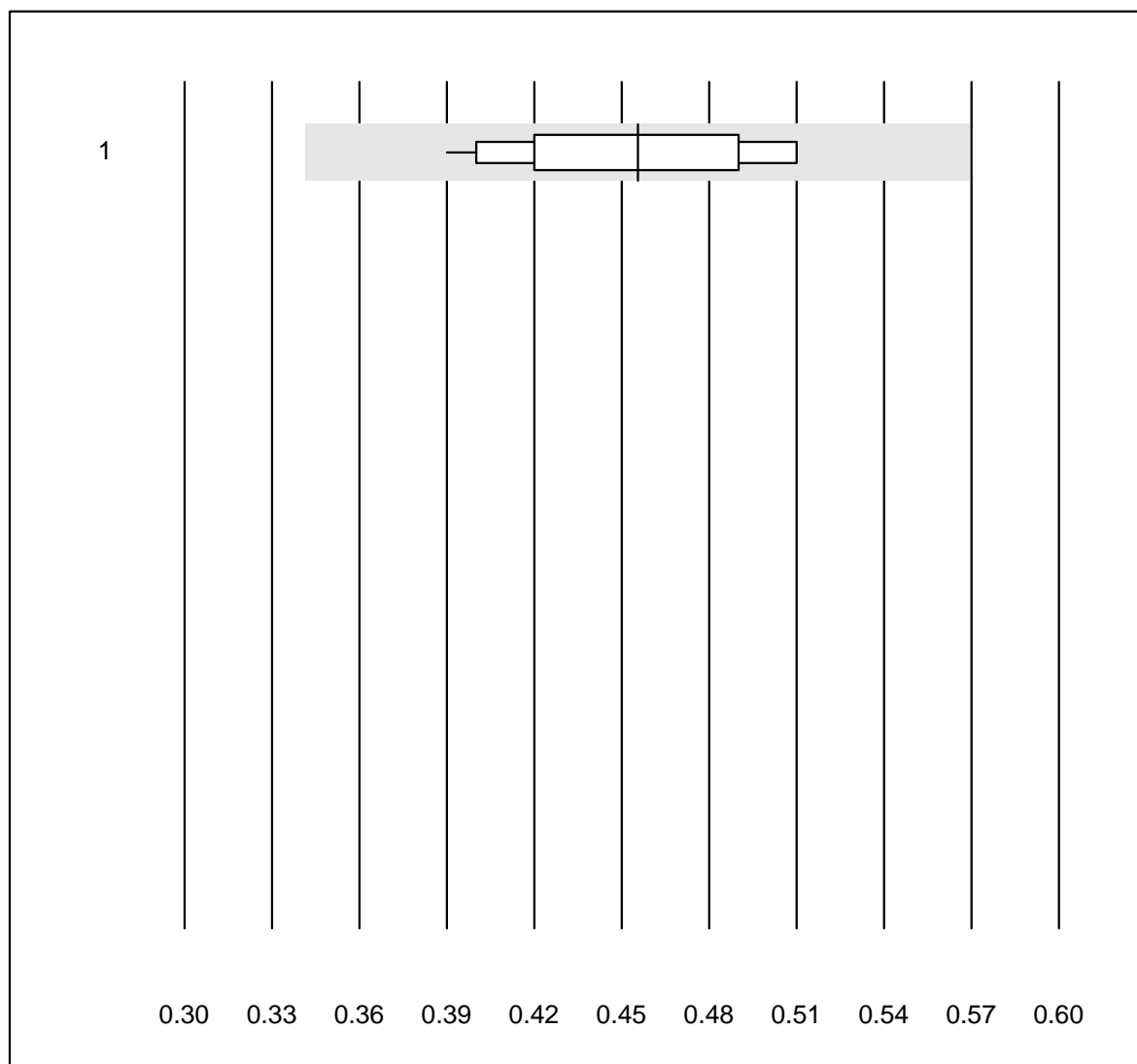
Tolleranza QUALAB : 25 %

Complemento C3 (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	13	100.0	0.0	0.0	2.13	7.7	e



## Complemento C4

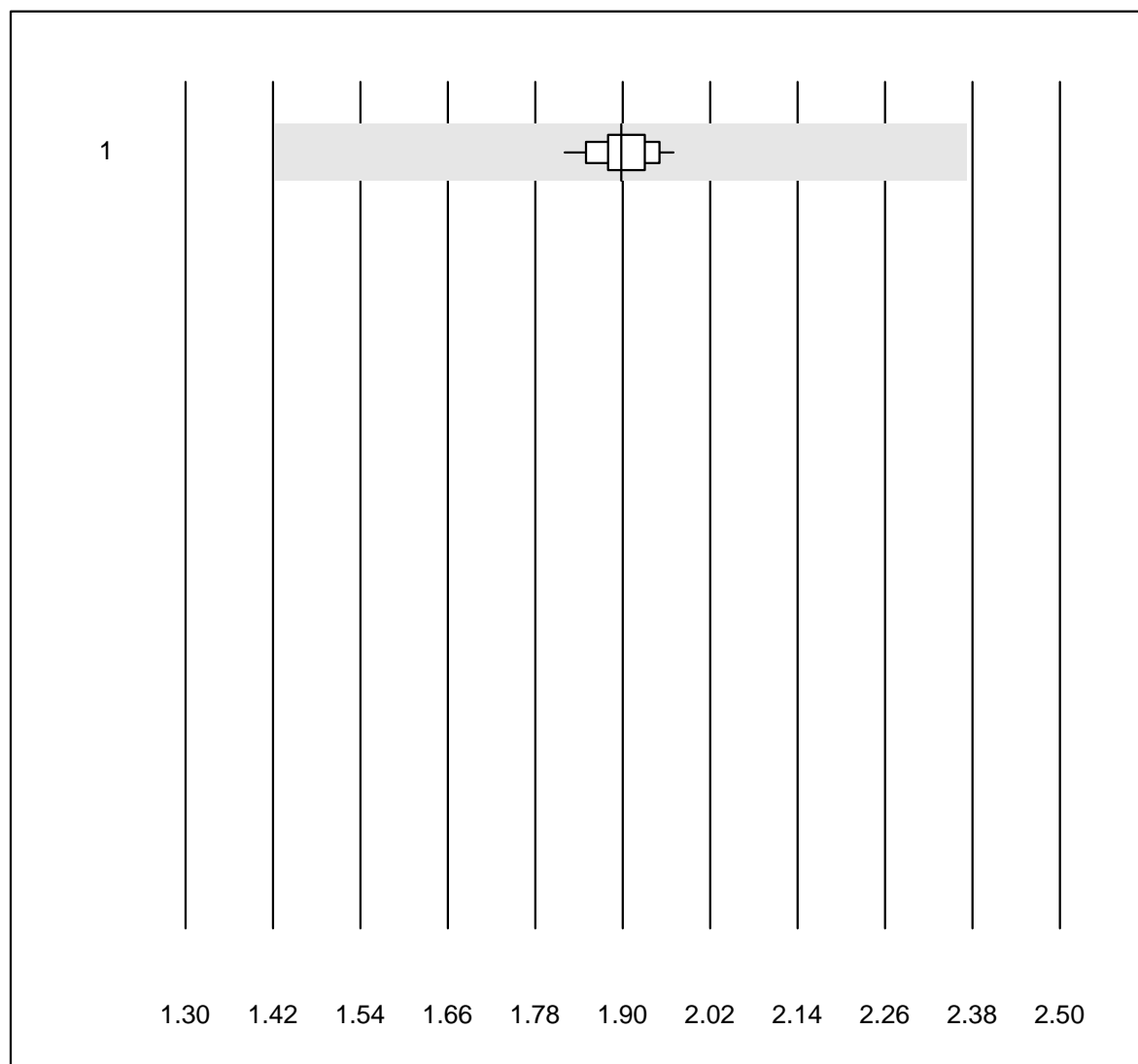


Tolleranza QUALAB : 25 %

Complemento C4 (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	12	100.0	0.0	0.0	0.46	9.5	e

## Aptoglobina

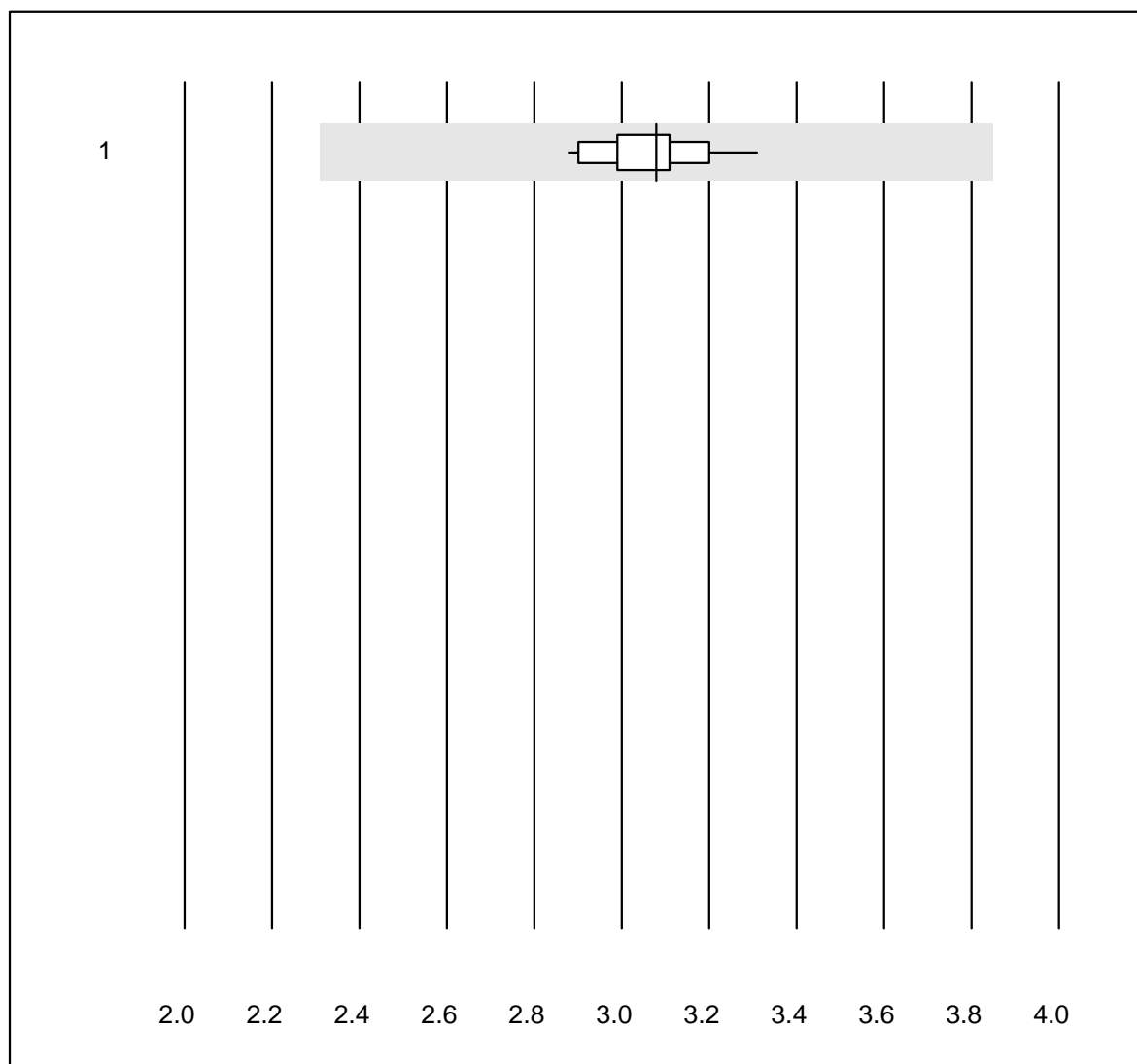


Tolleranza QUALAB : 25 %

Aptoglobina (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	13	100.0	0.0	0.0	1.90	2.2	e

## Transferrina

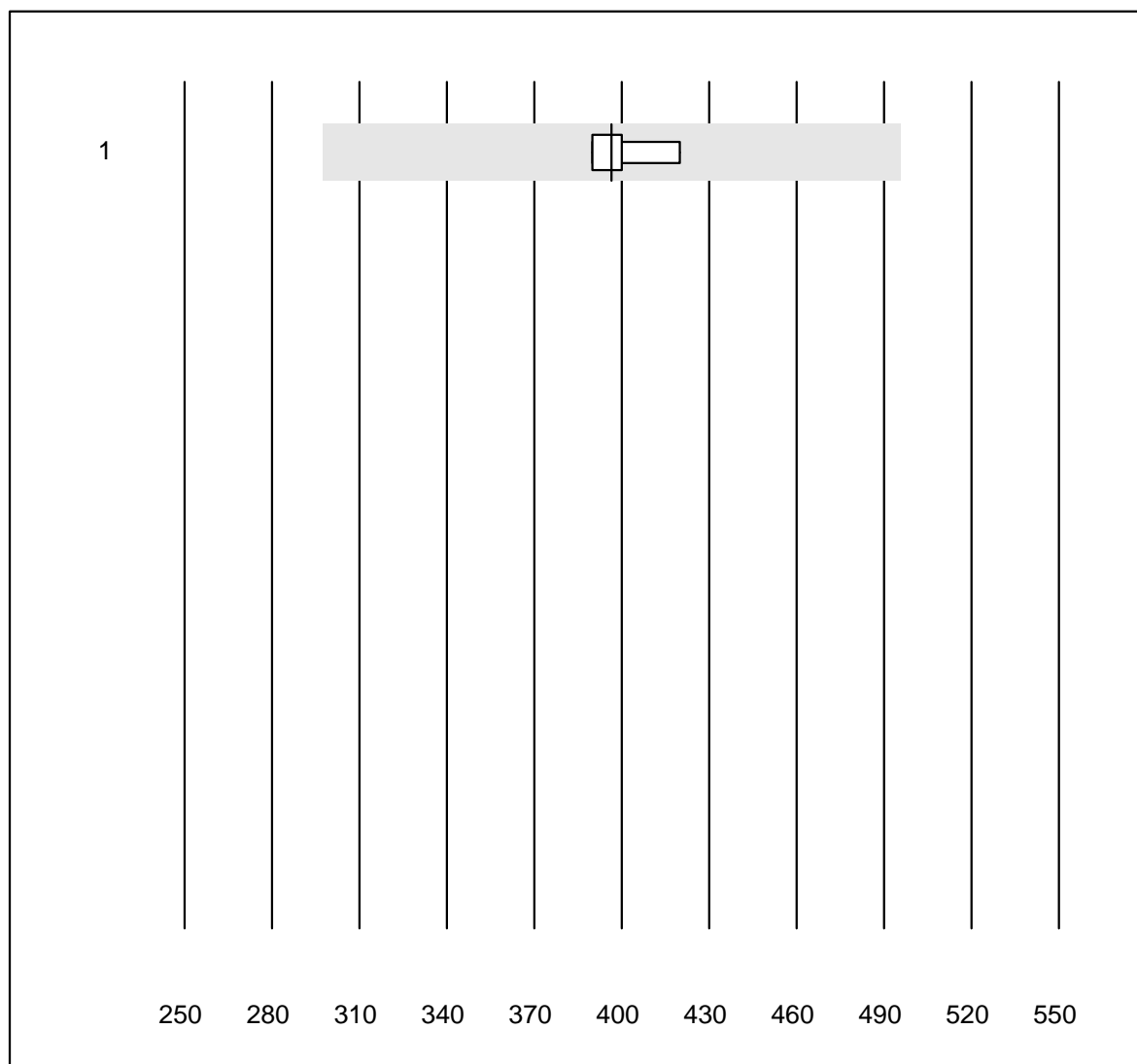


Tolleranza QUALAB : 25 %

Transferrina (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	16	100.0	0.0	0.0	3.08	3.9	e

# Ceruloplasmin



Tolleranza QUALAB : 25 %

Ceruloplasmin (mg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	4	100.0	0.0	0.0	396.5	3.4	e

## Präalbumin

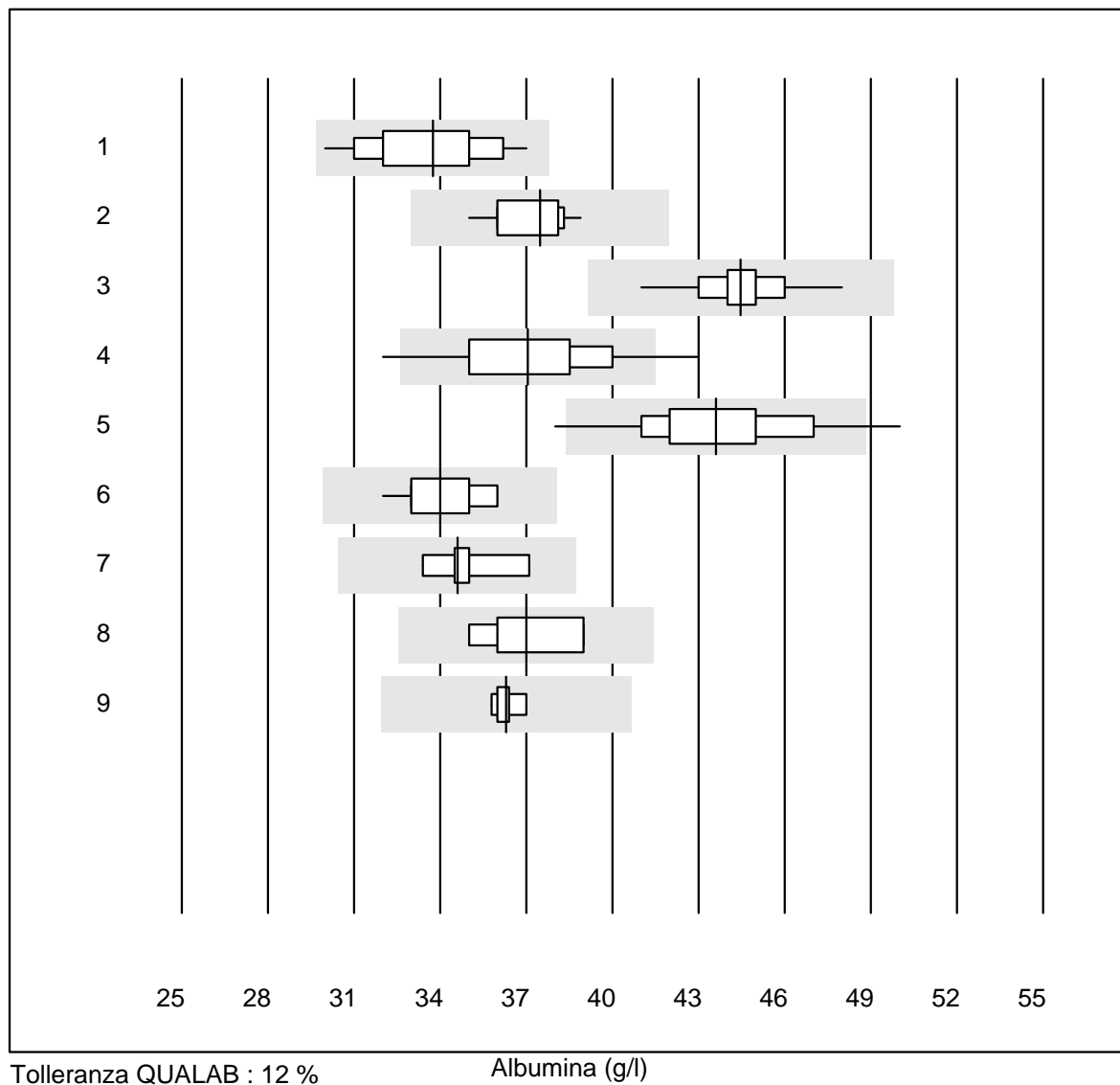


Tolleranza QUALAB : 25 %

Präalbumin (mg/l)

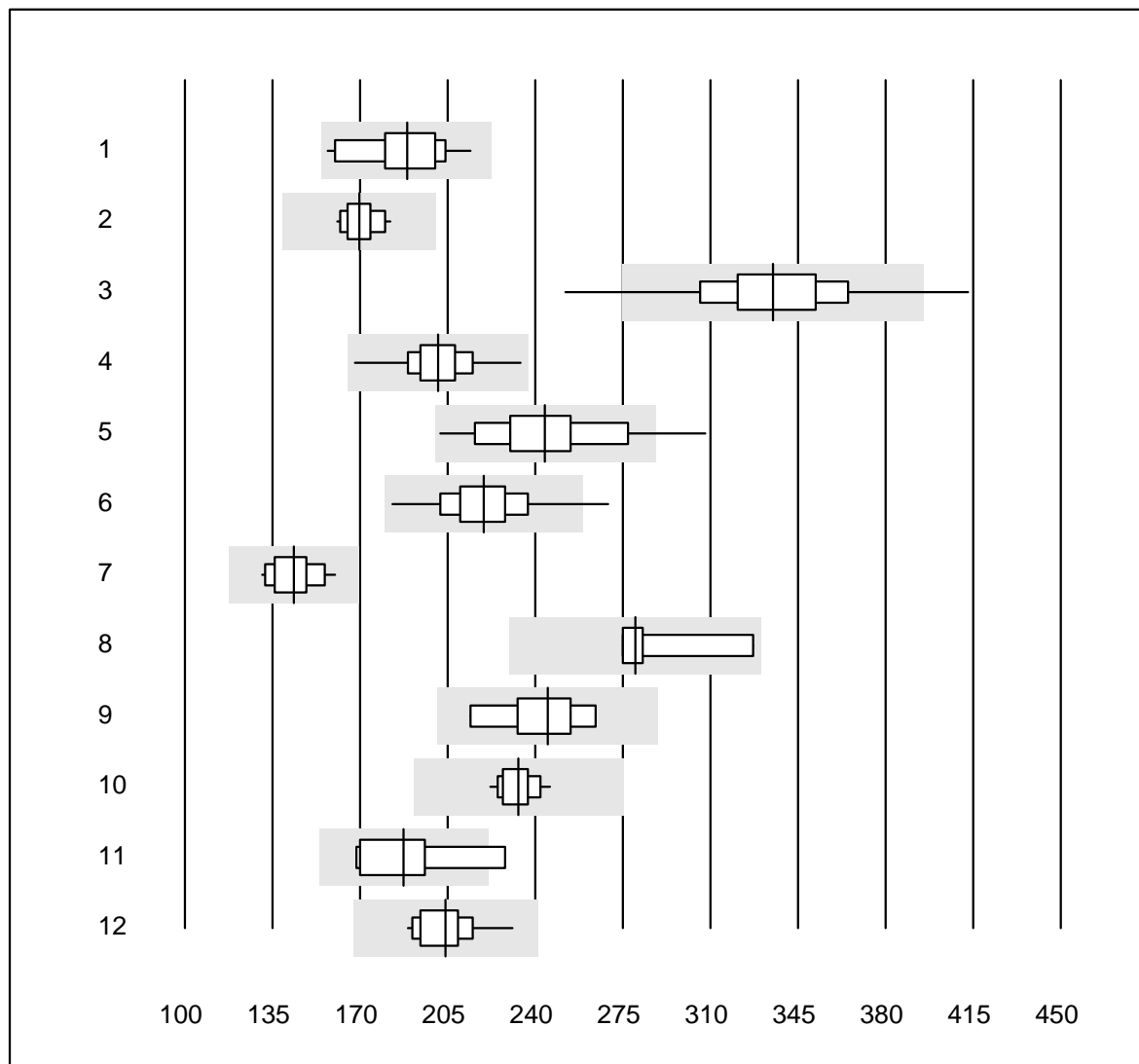
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	7	100.0	0.0	0.0	284.0	4.3	e

# Albumina



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	23	95.7	0.0	4.3	34	5.9	e
2 Cobas	12	100.0	0.0	0.0	37	3.1	e
3 Fuji Dri-Chem	193	100.0	0.0	0.0	44	3.1	e
4 Spotchem/Ready	43	88.4	9.3	2.3	37	6.2	e
5 Spotchem D-Concept	83	96.4	3.6	0.0	44	5.5	e
6 Piccolo	31	100.0	0.0	0.0	34	3.7	e
7 Abx Mira	5	100.0	0.0	0.0	35	3.9	e*
8 Hitachi S40/M40	9	100.0	0.0	0.0	37	4.1	e
9 Autolyser/DiaSys	5	100.0	0.0	0.0	36	1.3	e

## Fosfatasi alcalina

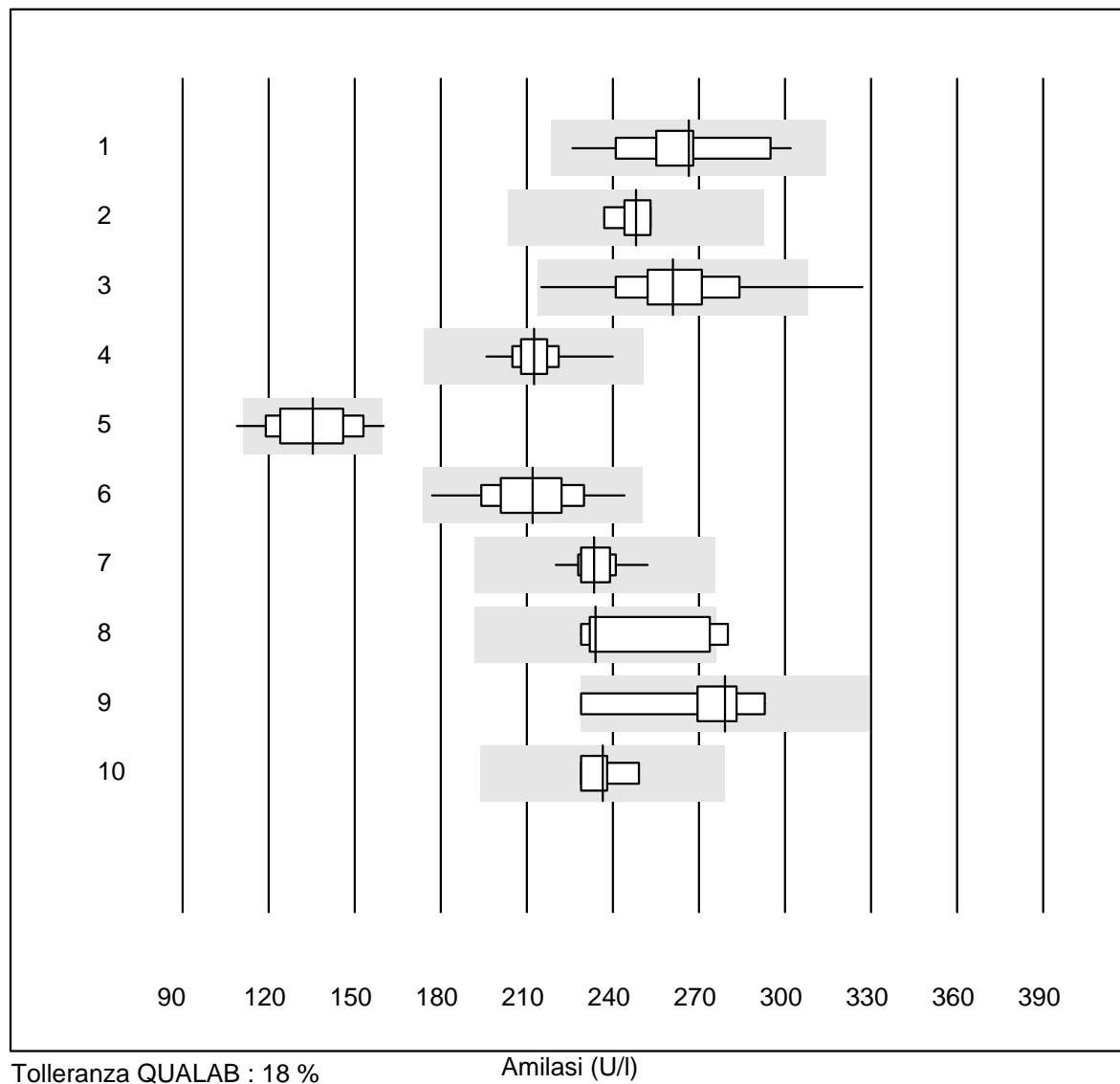


Tolleranza QUALAB : 18 %

Fosfatasi alcalina (U/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC	11	100.0	0.0	0.0	189	9.4	e*
2 Cobas	17	100.0	0.0	0.0	170	3.7	e
3 Reflotron	632	95.9	2.4	1.7	335	7.3	e
4 Fuji Dri-Chem	704	99.3	0.0	0.7	201	5.1	e
5 Spotchem/Ready	109	90.9	7.3	1.8	244	9.0	e
6 Spotchem D-Concept	151	98.0	0.7	1.3	219	6.5	e
7 Hitachi S40/M40	16	100.0	0.0	0.0	143	5.8	e
8 Metodo standard, 37'	4	100.0	0.0	0.0	280	8.5	e*
9 Beckman	9	100.0	0.0	0.0	245	6.7	e*
10 Piccolo	29	100.0	0.0	0.0	233	2.7	e
11 Abx Mira	8	87.5	12.5	0.0	187	10.6	e*
12 Autolyser/DiaSys	14	100.0	0.0	0.0	204	5.5	e

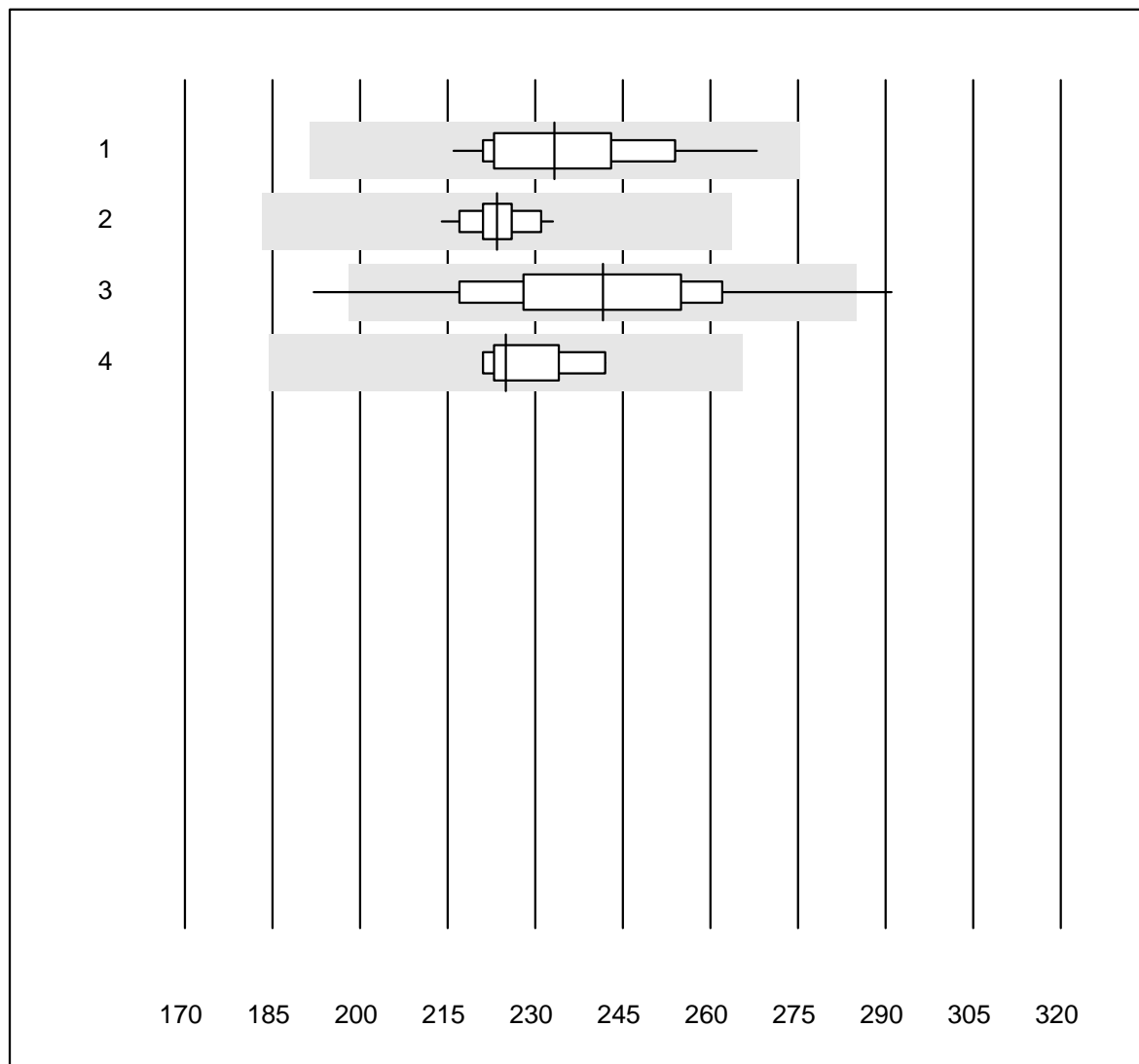
## Amilasi



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC	12	100.0	0.0	0.0	267	8.2	e*
2 Cobas	5	100.0	0.0	0.0	248	2.7	e
3 Reflotron	179	98.3	1.1	0.6	261	6.5	e
4 Fuji Dri-Chem	522	99.2	0.0	0.8	213	3.0	e
5 Spotchem/Ready	73	84.9	4.1	11.0	135	9.7	e
6 Spotchem D-Concept	115	99.1	0.0	0.9	212	6.4	e
7 Piccolo	27	100.0	0.0	0.0	234	2.9	e
8 Abx Mira	5	80.0	20.0	0.0	234	10.0	e*
9 Hitachi S40/M40	9	88.9	0.0	11.1	279	7.4	e*
10 Autolyser/DiaSys	4	100.0	0.0	0.0	237	3.5	e



## Amilasi pancreatica

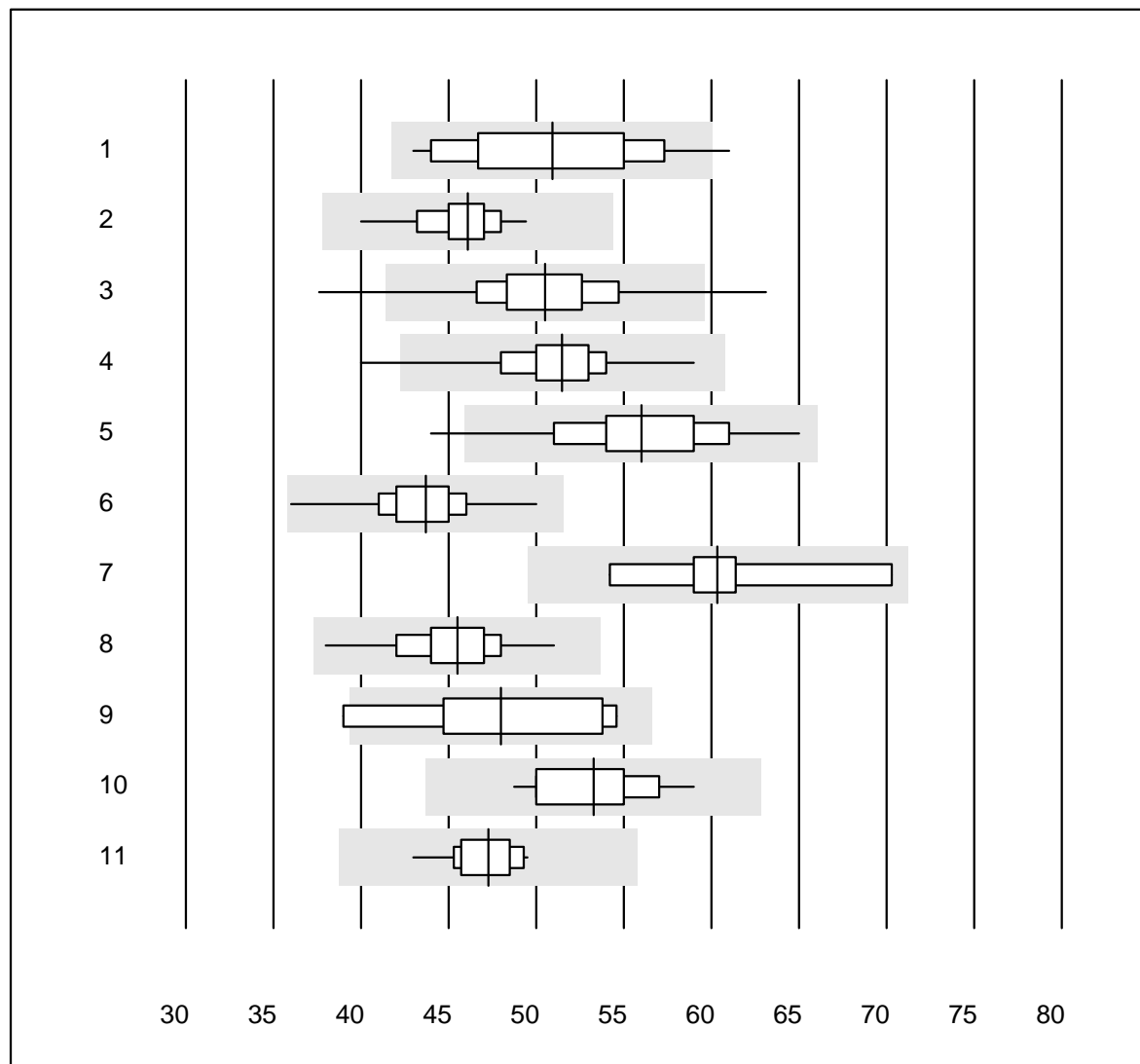


Tolleranza QUALAB : 18 %

Amilasi pancreatica (U/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC	11	100.0	0.0	0.0	233	6.8	e
2 Cobas	13	100.0	0.0	0.0	223	2.3	e
3 Reflotron	425	97.9	1.4	0.7	242	7.5	e
4 Autolyser/DiaSys	9	100.0	0.0	0.0	225	3.3	e

## Bilirubina totale

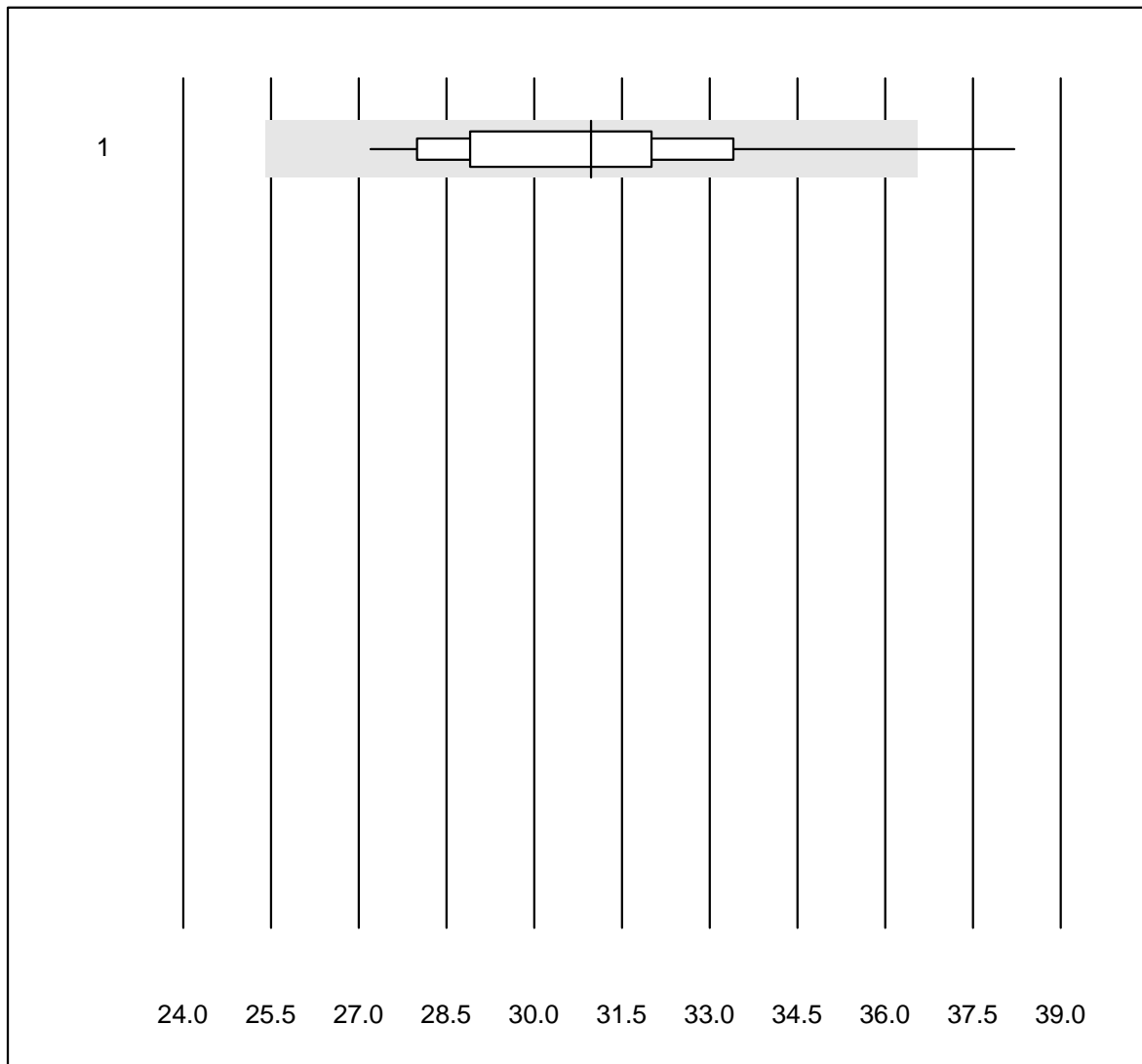


Tolleranza QUALAB : 18 %

Bilirubina totale (µmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	16	93.7	6.3	0.0	50.9	10.5	e*
2 Cobas	15	100.0	0.0	0.0	46.1	4.8	e
3 Reflotron	466	95.7	2.4	1.9	50.5	6.9	e
4 Fuji Dri-Chem	534	98.8	0.6	0.6	51.5	4.7	e
5 Spotchem/Ready	90	97.8	2.2	0.0	56.0	7.4	e
6 Spotchem D-Concept	117	98.3	0.0	1.7	43.7	4.9	e
7 Beckman	8	100.0	0.0	0.0	60.4	7.4	e*
8 Piccolo	31	96.8	0.0	3.2	45.5	5.8	e
9 Abx Mira	7	85.7	14.3	0.0	48.0	11.2	e*
10 Hitachi S40/M40	14	100.0	0.0	0.0	53.3	5.9	e
11 Autolyser/DiaSys	14	92.9	0.0	7.1	47.3	4.1	e

## Bilirubina diretto

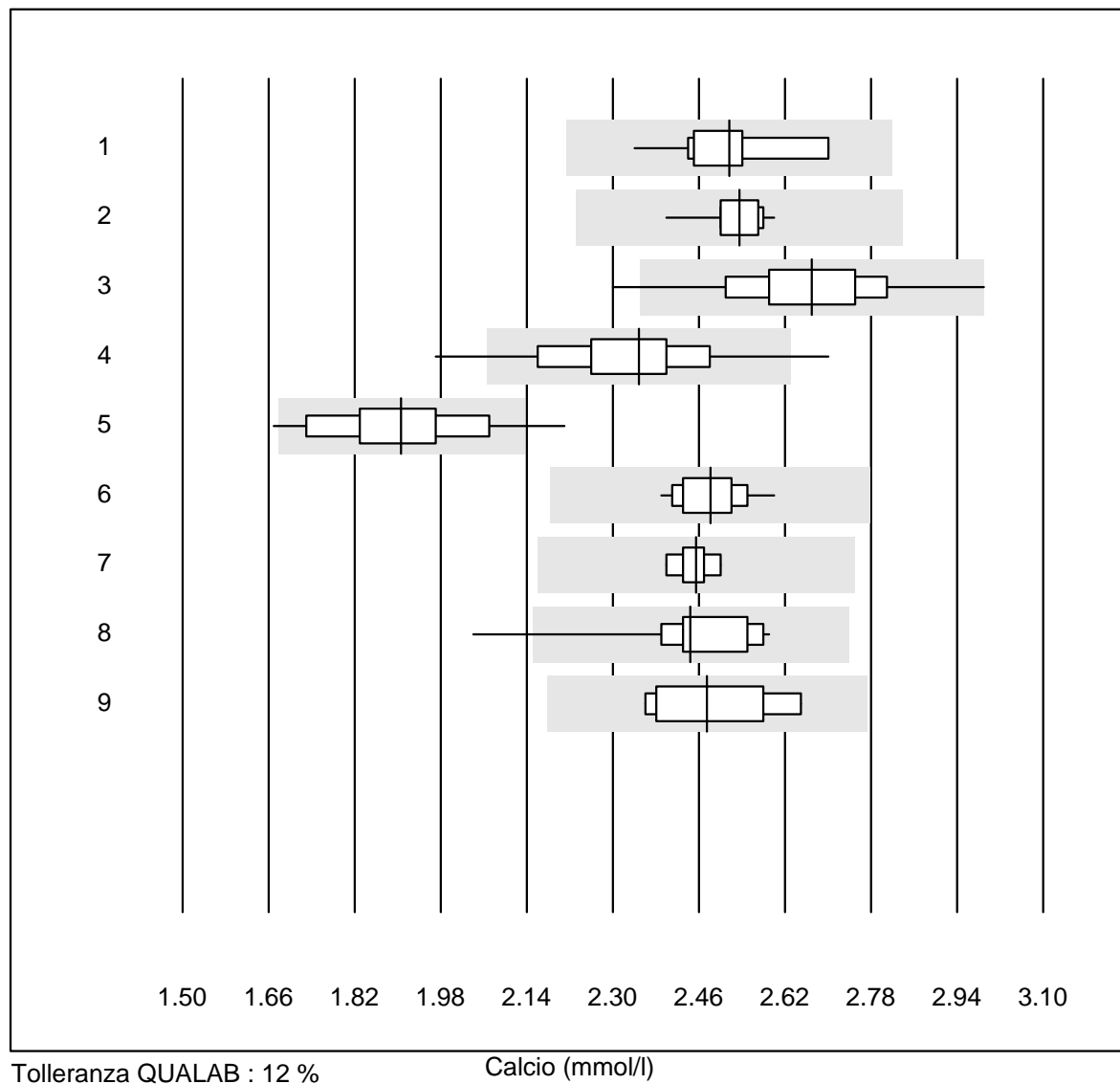


Tolleranza QUALAB : 18 %

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

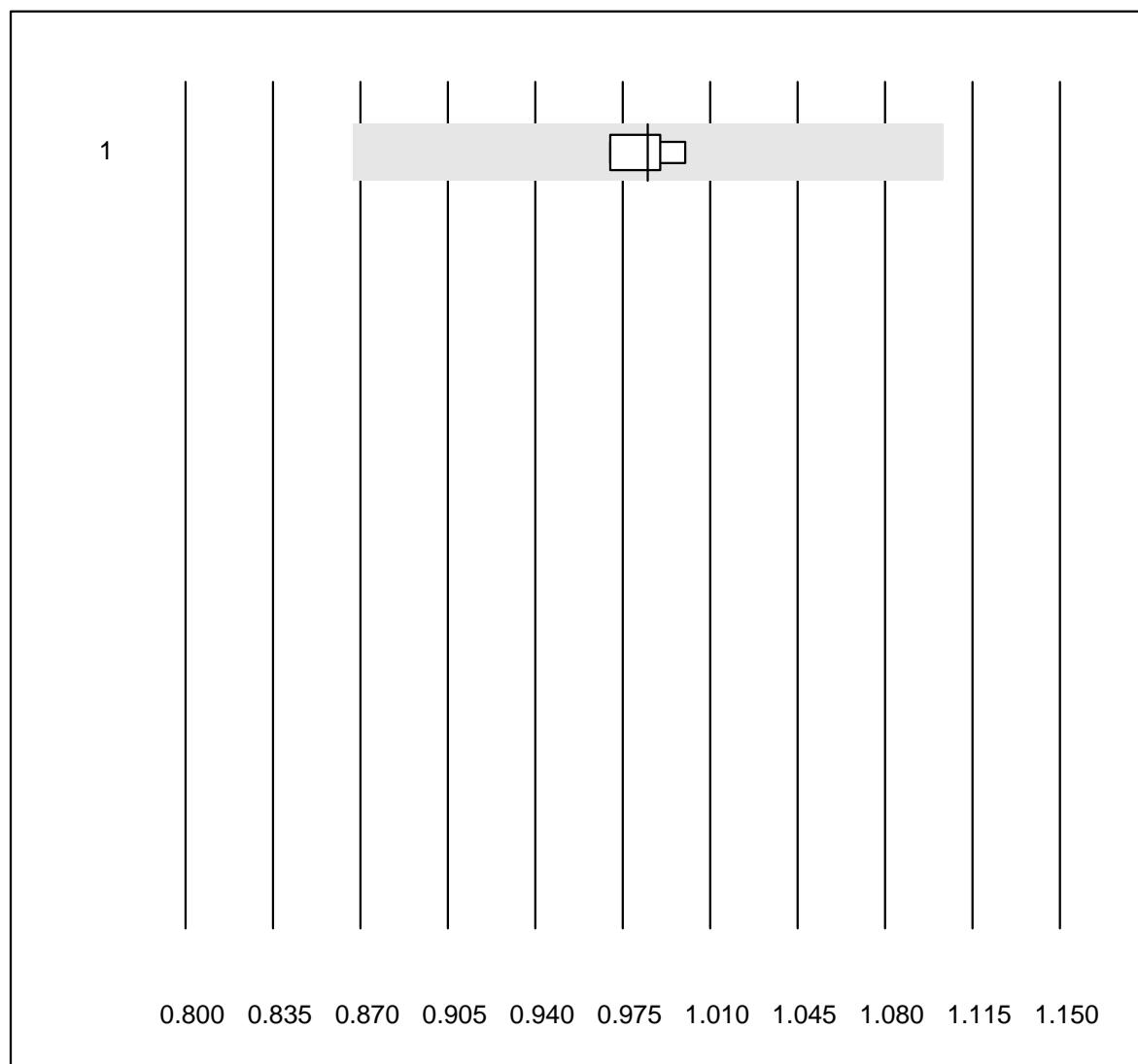
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Fuji Dri-Chem	34	91.2	2.9	5.9	31.0	8.0	e

## Calcio



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	24	95.8	0.0	4.2	2.52	3.6	e
2 Cobas	12	100.0	0.0	0.0	2.54	2.1	e
3 Fuji Dri-Chem	361	97.7	0.6	1.7	2.67	4.4	e
4 Spotchem/Ready	40	95.0	5.0	0.0	2.35	6.0	e
5 Spotchem D-Concept	70	94.3	5.7	0.0	1.91	6.1	e
6 Piccolo	30	100.0	0.0	0.0	2.48	2.3	e
7 Abx Mira	6	100.0	0.0	0.0	2.46	1.4	e
8 Hitachi S40/M40	12	83.4	8.3	8.3	2.44	6.1	e*
9 Autolyser/DiaSys	6	100.0	0.0	0.0	2.48	4.5	e*

## Calcium ISE

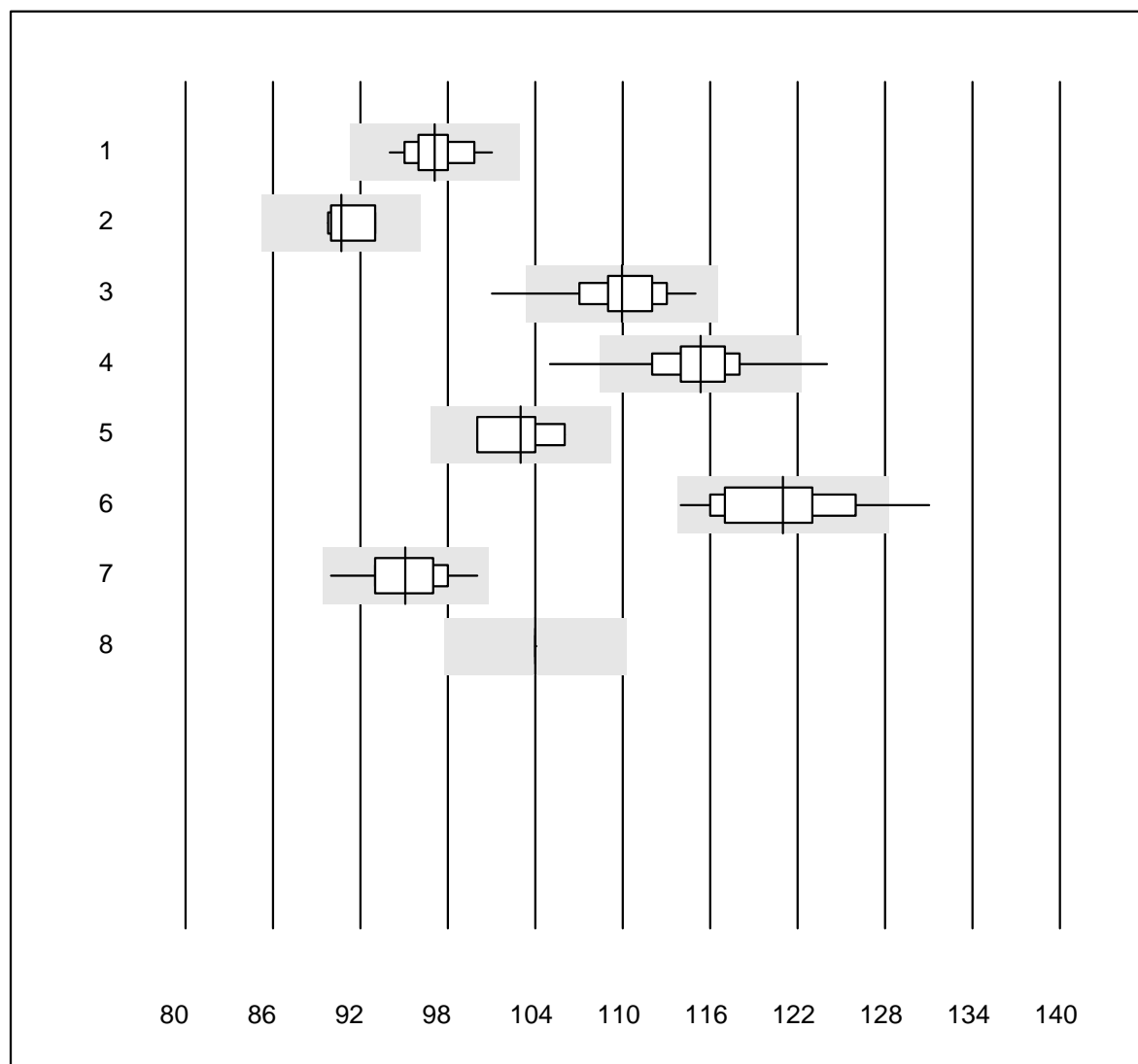


Tolleranza QUALAB : 12 %

Calcium ISE (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 iStat Chem8	4	100.0	0.0	0.0	0.99	1.3	e

## Cloruri

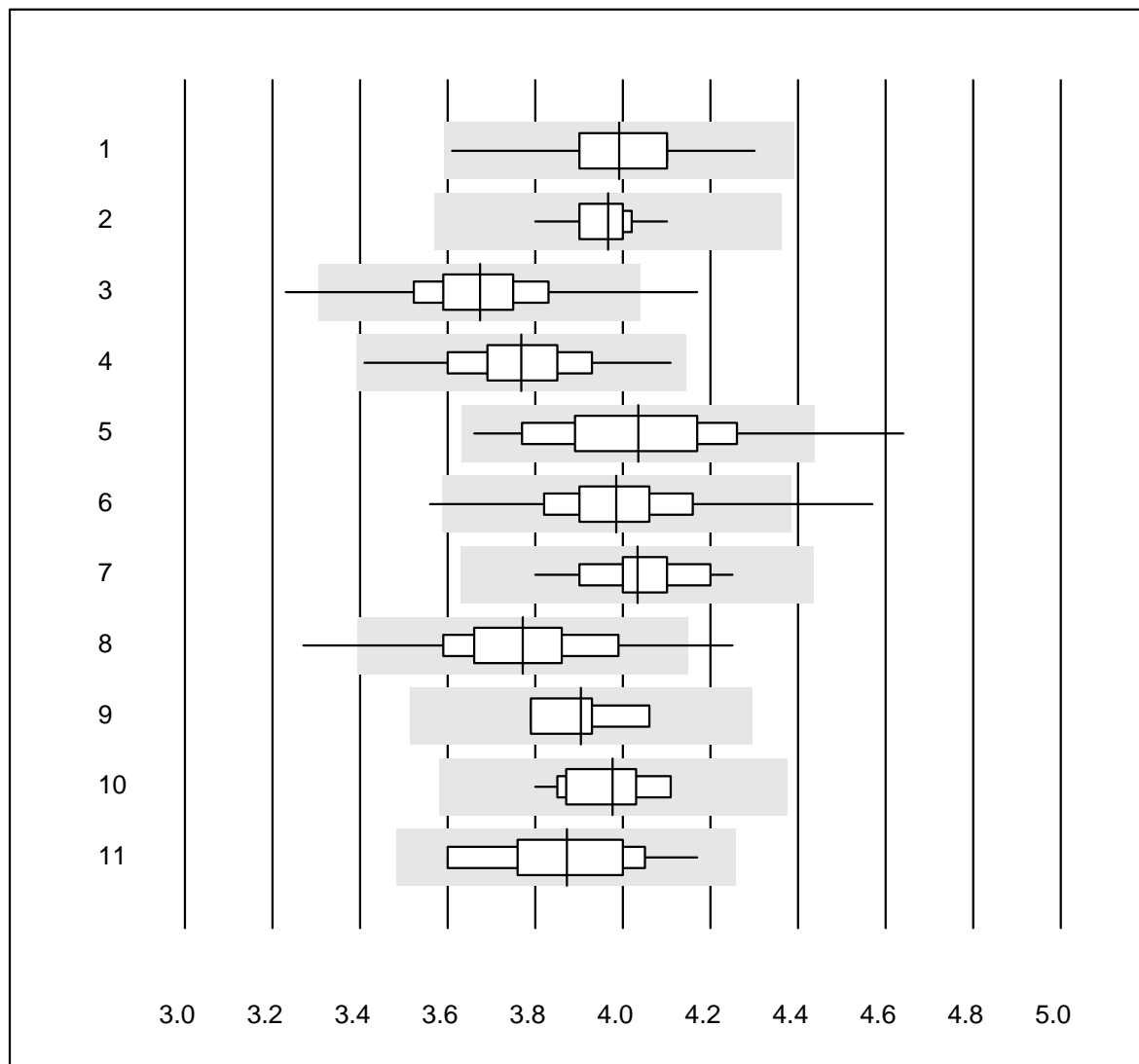


Tolleranza QUALAB : 6 %

Cloruri (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ISE	17	100.0	0.0	0.0	97	1.9	e
2 Cobas	7	100.0	0.0	0.0	91	1.5	e
3 Fuji Dri-Chem	637	96.9	2.2	0.9	110	2.2	e
4 Spotchem D-Concept	139	95.0	1.4	3.6	115	2.3	e
5 Chimica umida	4	100.0	0.0	0.0	103	2.9	a
6 Spotchem EL-SE 1520	112	90.2	2.7	7.1	121	3.1	e
7 Piccolo	16	100.0	0.0	0.0	95	2.6	e
8 iStat Chem8	4	100.0	0.0	0.0	104	0.0	e

## Colesterolo

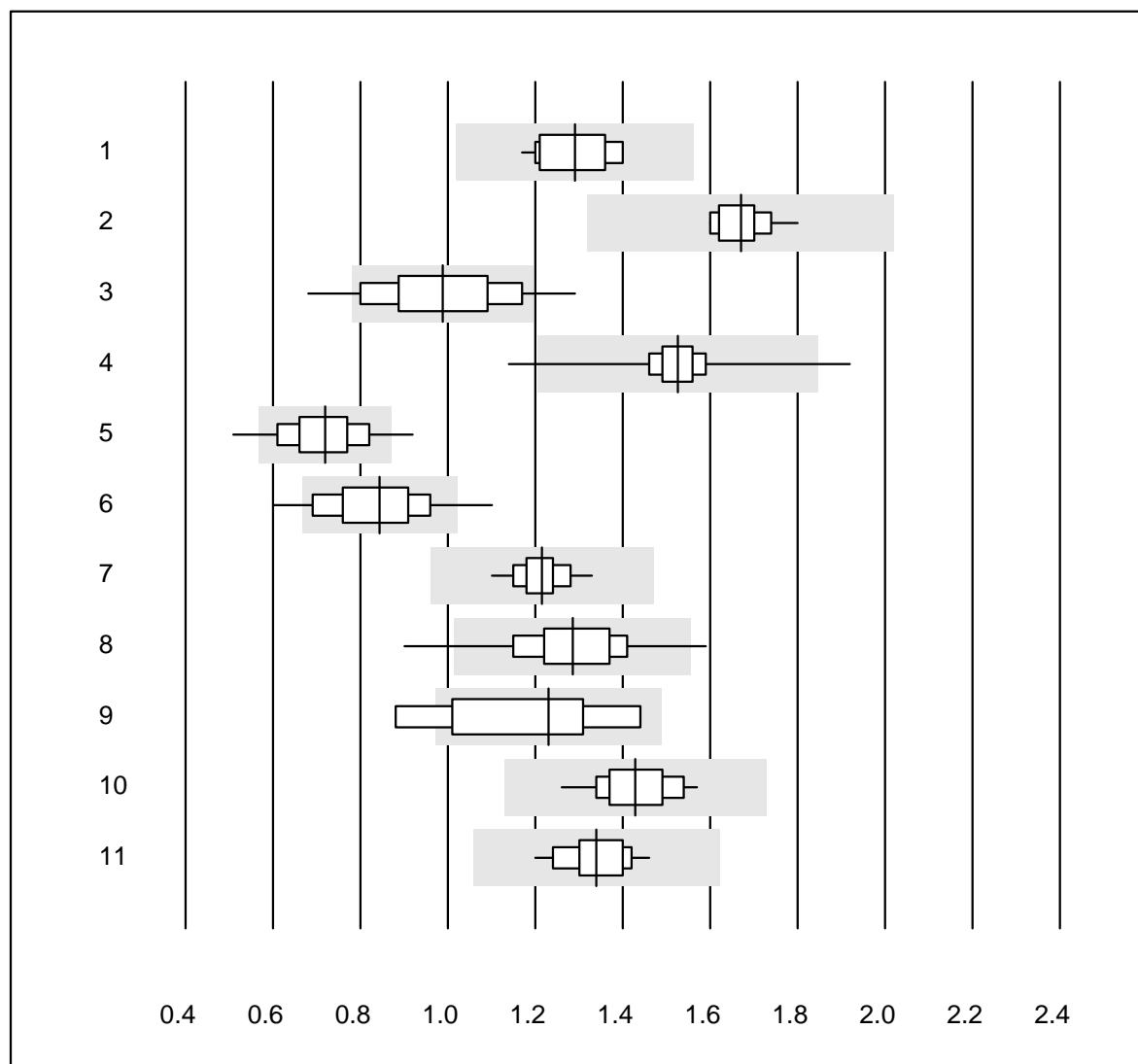


Tolleranza QUALAB : 10 %

Colesterolo (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	22	100.0	0.0	0.0	3.99	3.6	e
2 Cobas	15	100.0	0.0	0.0	3.97	1.8	e
3 Reflotron	699	98.1	0.9	1.0	3.67	3.4	e
4 Fuji Dri-Chem	715	99.4	0.0	0.6	3.77	3.3	e
5 Spotchem/Ready	134	97.0	1.5	1.5	4.04	4.7	e
6 Spotchem D-Concept	156	97.5	1.9	0.6	3.98	3.6	e
7 Piccolo	19	100.0	0.0	0.0	4.03	3.0	e
8 Cholestech LDX	190	94.7	3.2	2.1	3.77	4.3	e
9 Abx Mira	8	100.0	0.0	0.0	3.91	2.6	e
10 Hitachi S40/M40	16	100.0	0.0	0.0	3.98	2.4	e
11 Autolyser/DiaSys	13	100.0	0.0	0.0	3.87	4.5	e*

## Colesterolo HDL



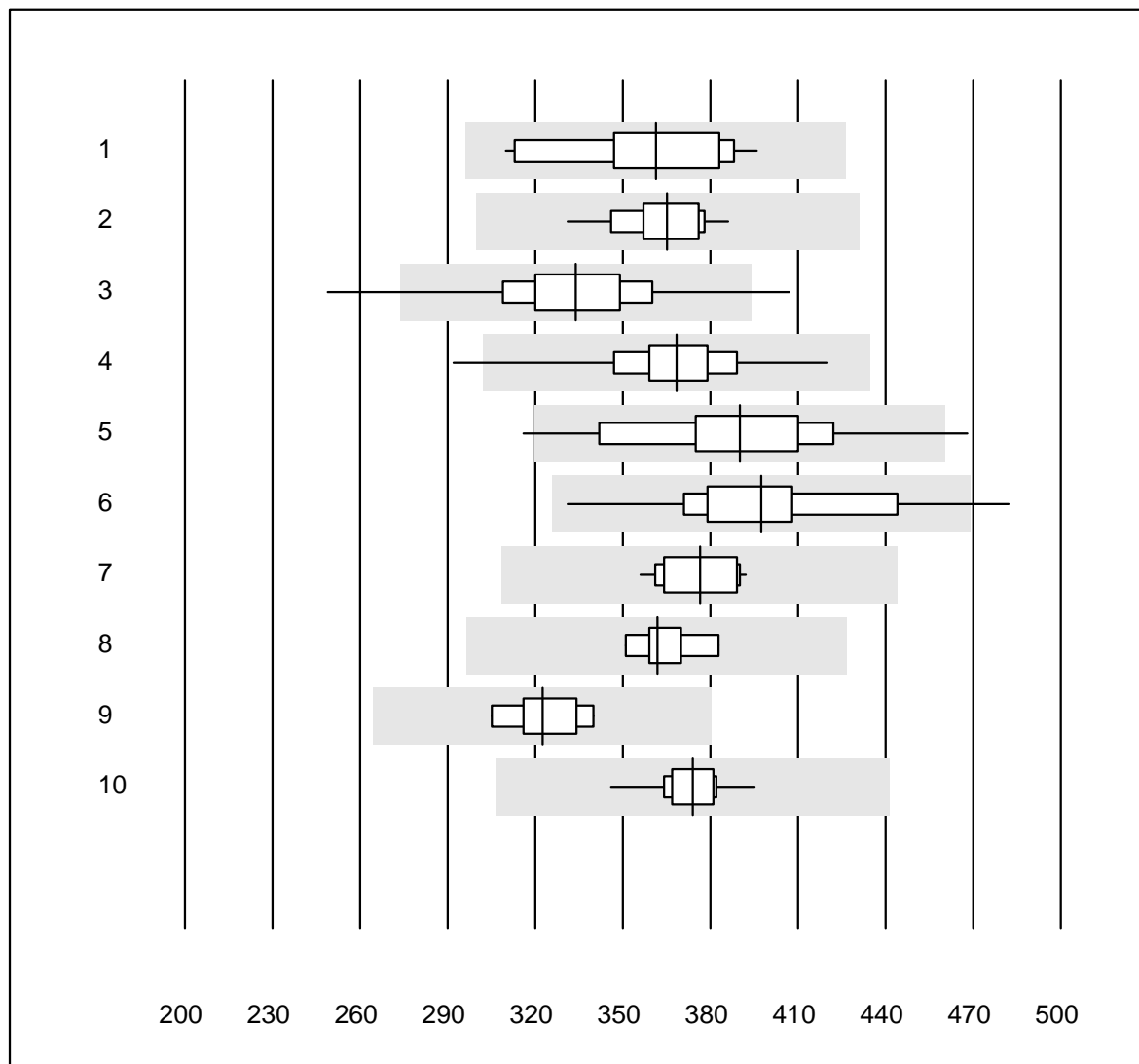
Tolleranza QUALAB : 21 %

Colesterolo HDL (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 umida, diretto	15	100.0	0.0	0.0	1.29	5.9	e
2 Cobas	14	100.0	0.0	0.0	1.67	3.5	e
3 Reflotron	520	77.6	13.7	8.7	0.99	14.0	e
4 Fuji Dri-Chem	680	99.3	0.4	0.3	1.53	3.8	e
5 Spotchem/Ready	120	89.1	6.7	4.2	0.72	11.2	e
6 Spotchem D-Concept	152	90.1	9.2	0.7	0.84	12.4	e
7 Piccolo	17	94.1	0.0	5.9	1.22	4.5	e
8 Cholestech LDX	190	94.7	3.2	2.1	1.29	8.8	e
9 Abx Mira	8	87.5	12.5	0.0	1.23	17.0	e*
10 Hitachi S40/M40	15	100.0	0.0	0.0	1.43	5.8	e
11 Autolyser/DiaSys	13	100.0	0.0	0.0	1.34	5.9	e



## Creatina chinasi

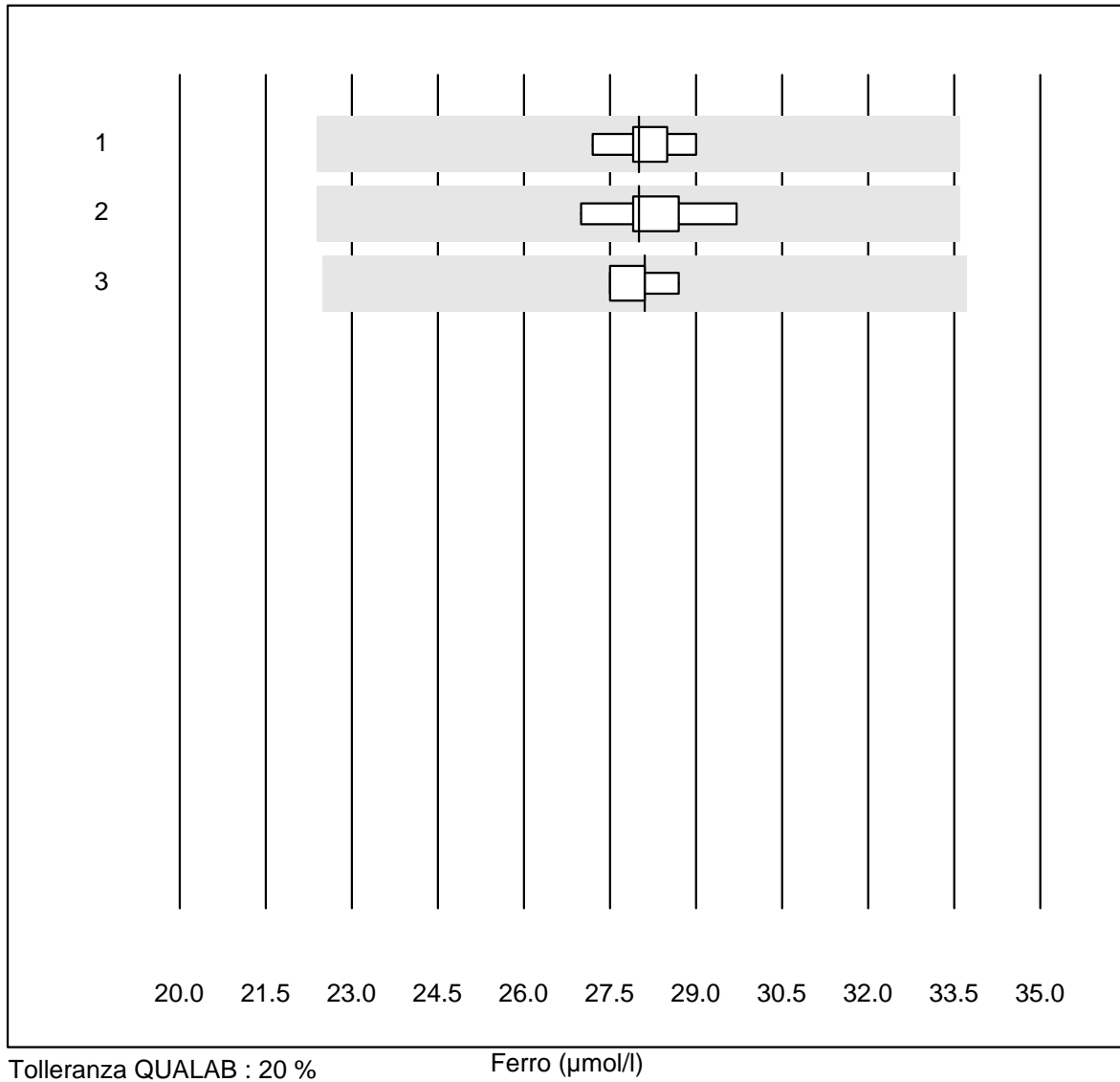


Tolleranza QUALAB : 18 %

Creatina chinasi (U/l)

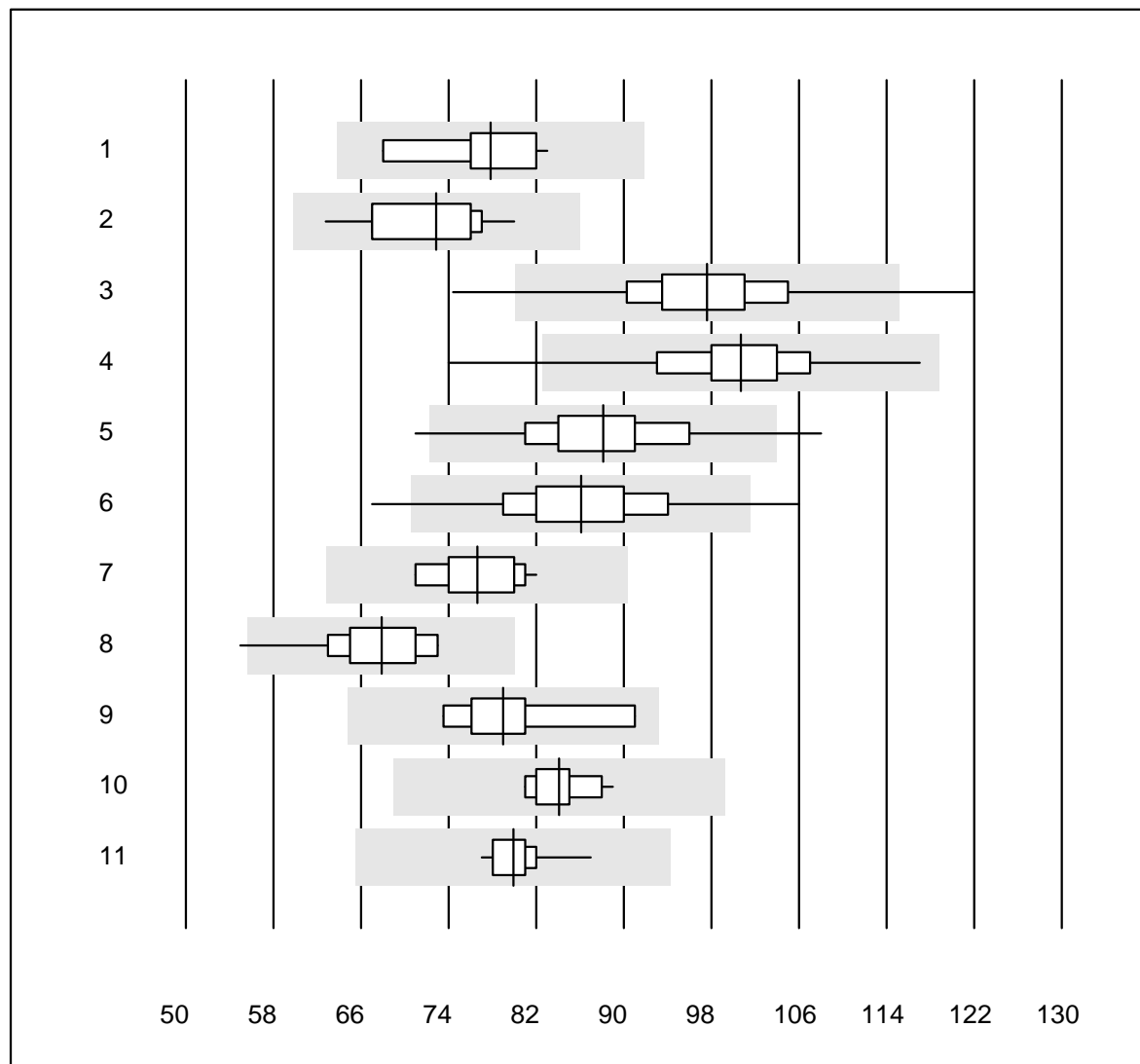
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC	19	100.0	0.0	0.0	361	7.1	e
2 Cobas	14	100.0	0.0	0.0	365	4.1	e
3 Reflotron	394	93.6	1.8	4.6	334	6.5	e
4 Fuji Dri-Chem	451	99.4	0.2	0.4	368	4.5	e
5 Spotchem/Ready	52	94.2	5.8	0.0	390	8.0	e
6 Spotchem D-Concept	97	95.9	3.1	1.0	397	7.1	e
7 Piccolo	11	100.0	0.0	0.0	376	3.3	e
8 Abx Mira	6	100.0	0.0	0.0	362	3.0	e
9 Hitachi S40/M40	10	90.0	0.0	10.0	323	3.5	e
10 Autolyser/DiaSys	12	100.0	0.0	0.0	374	3.2	e

## Ferro



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	7	100.0	0.0	0.0	28	2.0	e
2 Cobas	9	100.0	0.0	0.0	28	2.8	e
3 Abx Mira	5	80.0	0.0	20.0	28	1.8	e

## Gamma-GT

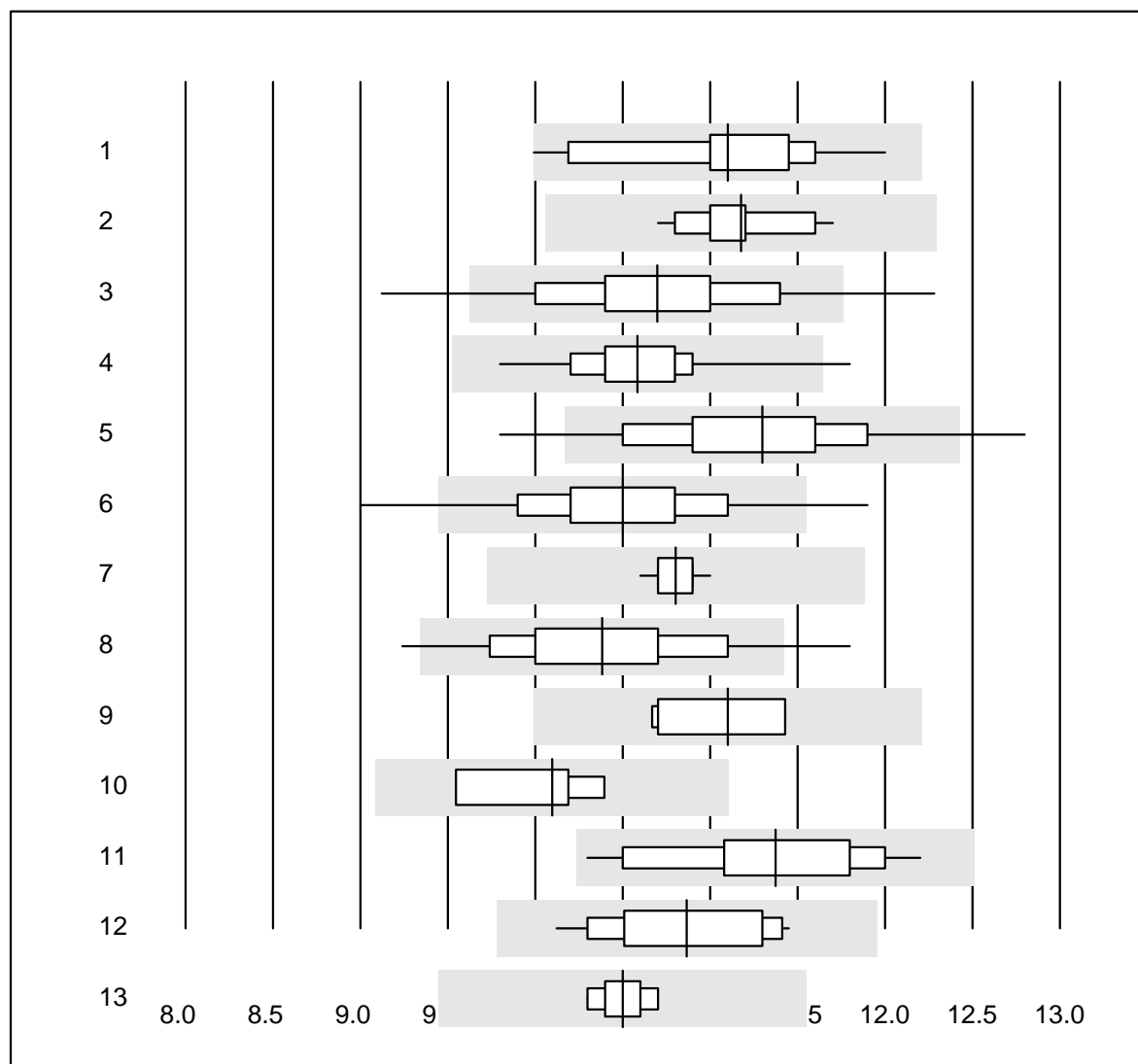


Tolleranza QUALAB : 18 %

Gamma-GT (U/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC	11	90.9	0.0	9.1	78	6.8	e
2 Cobas	15	100.0	0.0	0.0	73	6.8	e
3 Reflotron	833	98.3	1.1	0.6	98	6.0	e
4 Fuji Dri-Chem	769	99.0	0.7	0.3	101	5.4	e
5 Spotchem/Ready	140	97.2	2.1	0.7	88	6.8	e
6 Spotchem D-Concept	172	97.1	2.3	0.6	86	6.9	e
7 Metodo standard, 37'	10	100.0	0.0	0.0	77	4.9	e
8 Piccolo	28	96.4	3.6	0.0	68	6.2	e
9 Abx Mira	9	100.0	0.0	0.0	79	7.3	e*
10 Hitachi S40/M40	18	100.0	0.0	0.0	84	2.7	e
11 Autolyser/DiaSys	14	100.0	0.0	0.0	80	3.1	e

## Glucosio

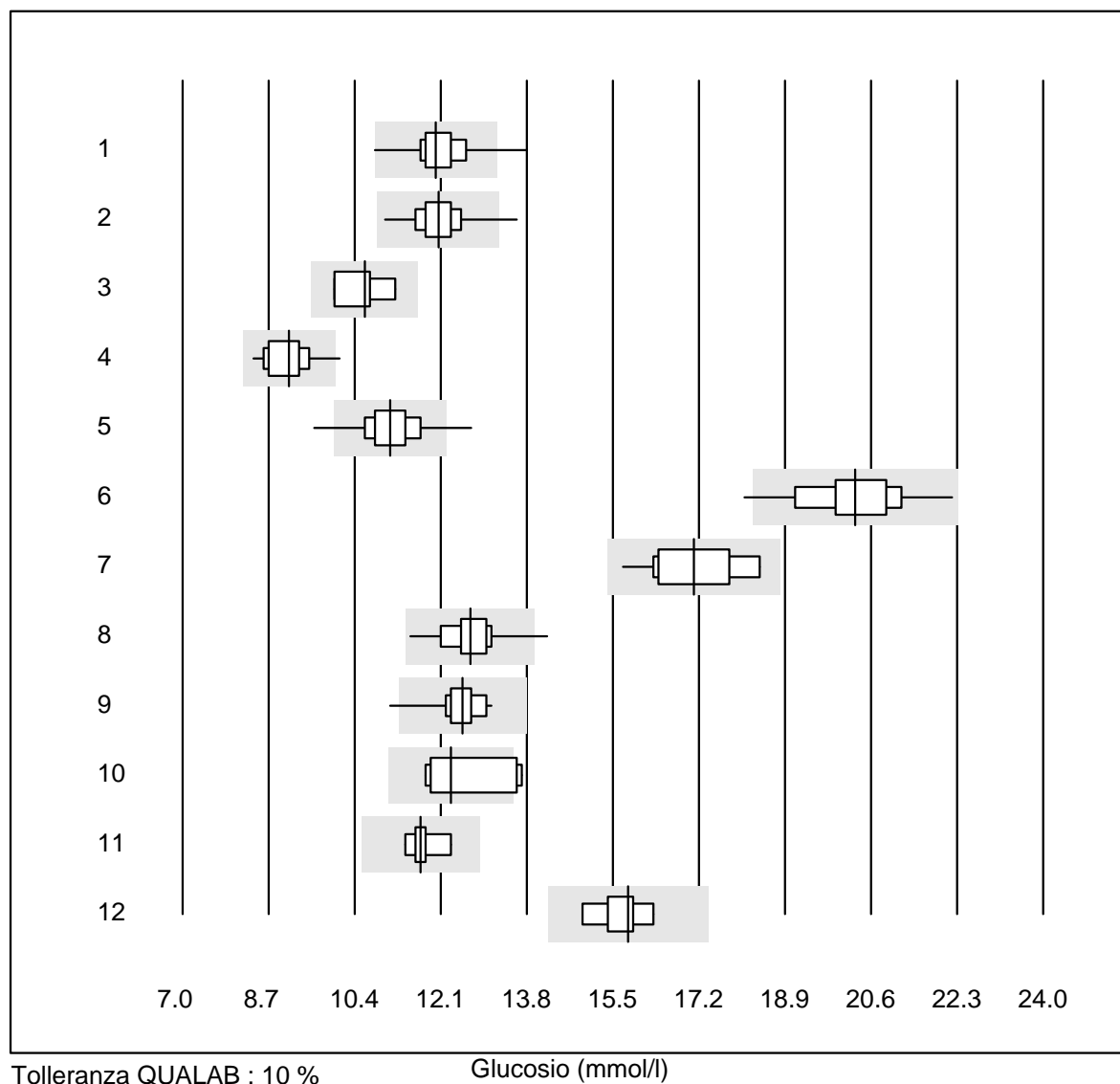


Tolleranza QUALAB : 10 %

Glucosio (mmol/l)

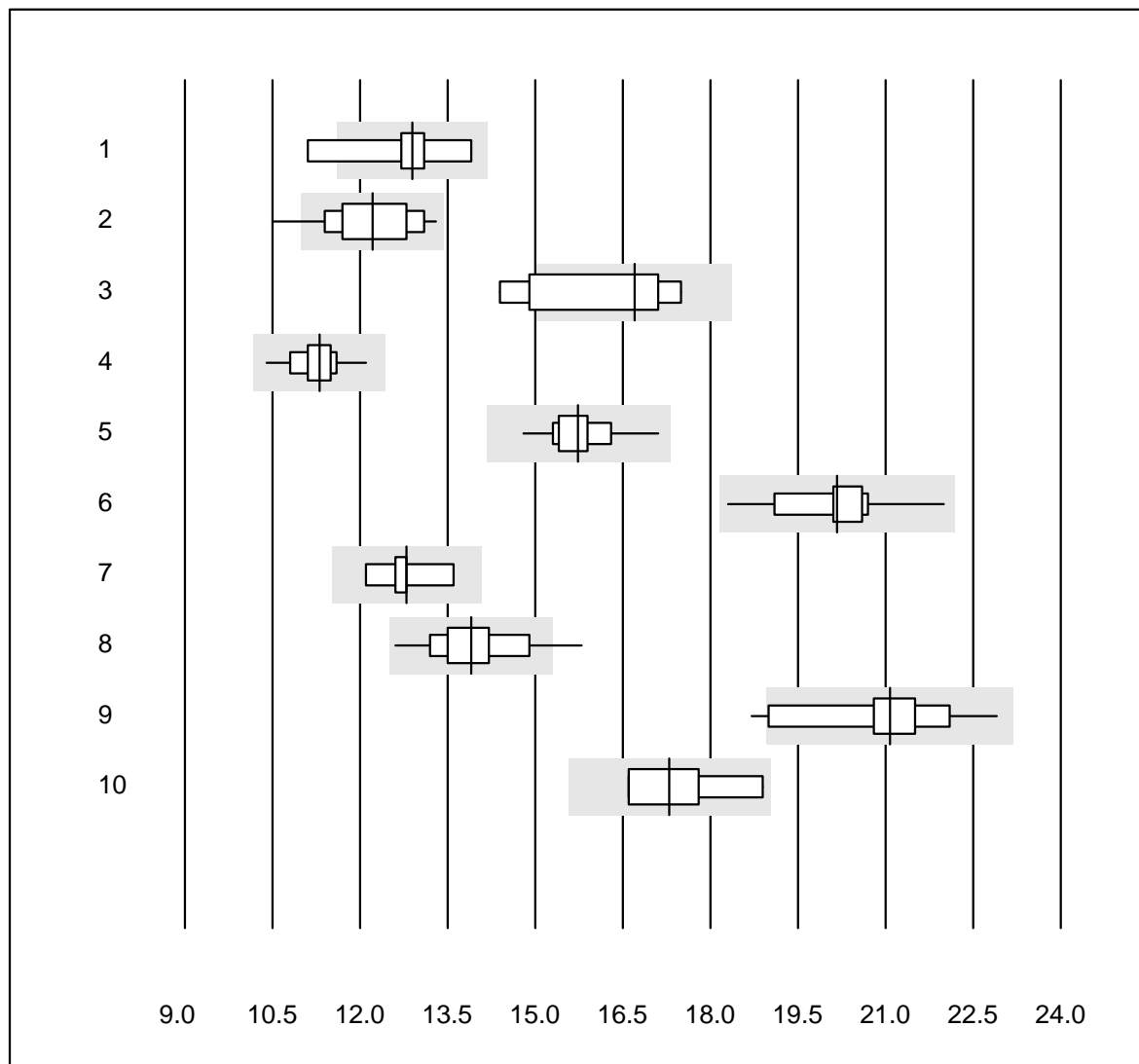
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	30	96.7	3.3	0.0	11.1	4.4	e
2 Cobas	16	100.0	0.0	0.0	11.2	2.4	e
3 Reflotron	843	91.0	5.6	3.4	10.7	5.0	e
4 Fuji Dri-Chem	728	99.2	0.1	0.7	10.6	2.6	e
5 Spotchem/Ready	124	93.6	5.6	0.8	11.3	5.0	e
6 Spotchem D-Concept	160	98.1	1.9	0.0	10.5	4.4	e
7 Piccolo	36	100.0	0.0	0.0	10.8	1.0	e
8 Cholestech LDX	153	96.7	3.3	0.0	10.4	5.0	e
9 Abx Mira	9	100.0	0.0	0.0	11.1	3.0	e
10 Lange	4	100.0	0.0	0.0	10.1	3.6	e*
11 Hitachi S40/M40	19	100.0	0.0	0.0	11.4	4.5	e
12 Autolyser/DiaSys	14	100.0	0.0	0.0	10.9	3.8	e
13 iStat Chem8	5	100.0	0.0	0.0	10.5	1.5	e

## Glucosio



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Accu-Chek Aviva	385	93.5	2.3	4.2	12.0	3.5	e
2 Accu-Chek Inform 2	258	98.8	0.4	0.8	12.1	2.9	e
3 Accu-Chek Mobile	4	100.0	0.0	0.0	10.6	4.7	e*
4 Bayer Contour 2 (5s)	44	88.6	2.3	9.1	9.1	4.3	e
5 Bayer Contour XT/NEX	1130	97.5	1.3	1.2	11.1	4.0	e
6 Bayer Breeze 2	13	92.3	7.7	0.0	20.3	5.1	e*
7 Glucocard	11	100.0	0.0	0.0	17.1	5.1	e*
8 Hemocue 201+ P-equiv	87	96.6	1.1	2.3	12.7	3.5	e
9 Hemocue 201RT P-equiv	42	97.6	2.4	0.0	12.5	3.1	e
10 FreeStyle Precision	8	62.5	25.0	12.5	12.3	6.4	e*
11 Freestyle Freedom li	8	100.0	0.0	0.0	11.7	2.3	e
12 Sanofi BG Star	5	100.0	0.0	0.0	15.8	3.4	e*

## Glucosio

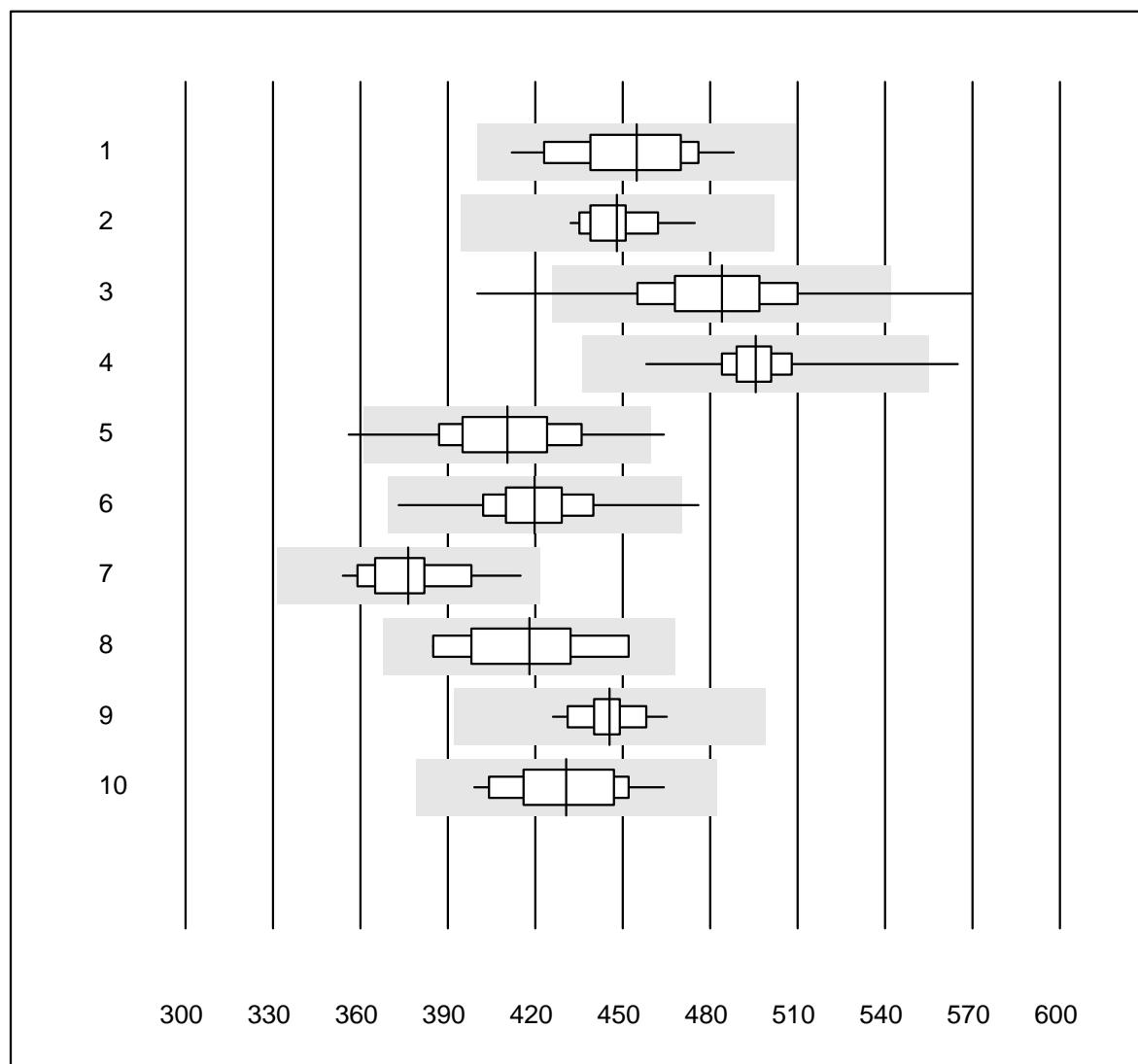


Tolleranza QUALAB : 10 %

Glucosio (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Bayer Elite	9	77.8	11.1	11.1	12.9	6.2	e*
2 Hemocue 201+ (alt)	51	96.0	2.0	2.0	12.2	5.4	e
3 OneTouch Ultra	7	71.4	28.6	0.0	16.7	7.4	e*
4 OneTouch Verio	28	100.0	0.0	0.0	11.3	3.2	e
5 Bayer Contour (15s)	11	100.0	0.0	0.0	15.7	3.8	e
6 Healthpro	14	92.9	0.0	7.1	20.2	4.4	e
7 Mylife UNIO	7	100.0	0.0	0.0	12.8	3.5	e*
8 mylife Pura	59	84.7	3.4	11.9	13.9	4.8	e
9 Omnitest	17	94.1	5.9	0.0	21.1	4.9	e
10 Alpha Check	4	100.0	0.0	0.0	17.3	6.0	e*

## Acido urico

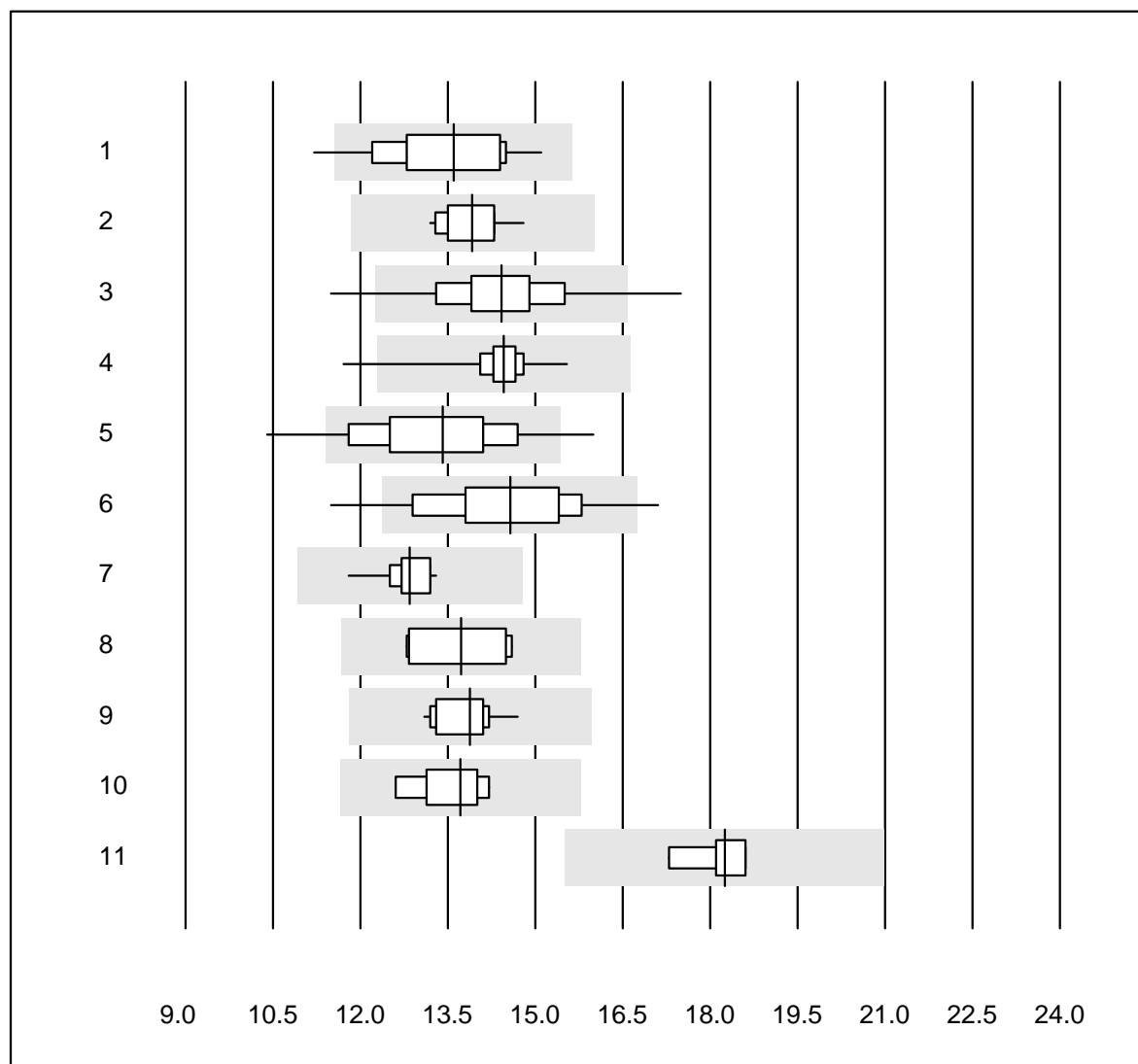


Tolleranza QUALAB : 12 %

Acido urico (µmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	25	100.0	0.0	0.0	455	4.5	e
2 Cobas	11	100.0	0.0	0.0	448	2.7	e
3 Reflotron	736	98.5	1.1	0.4	484	4.7	e
4 Fuji Dri-Chem	729	99.6	0.1	0.3	496	2.0	e
5 Spotchem/Ready	117	96.5	2.6	0.9	410	5.0	e
6 Spotchem D-Concept	156	98.7	1.3	0.0	420	3.9	e
7 Piccolo	23	100.0	0.0	0.0	376	4.2	e
8 Abx Mira	8	100.0	0.0	0.0	418	5.6	e*
9 Hitachi S40/M40	17	100.0	0.0	0.0	445	2.2	e
10 Autolyser/DiaSys	13	100.0	0.0	0.0	431	4.7	e

## Urea



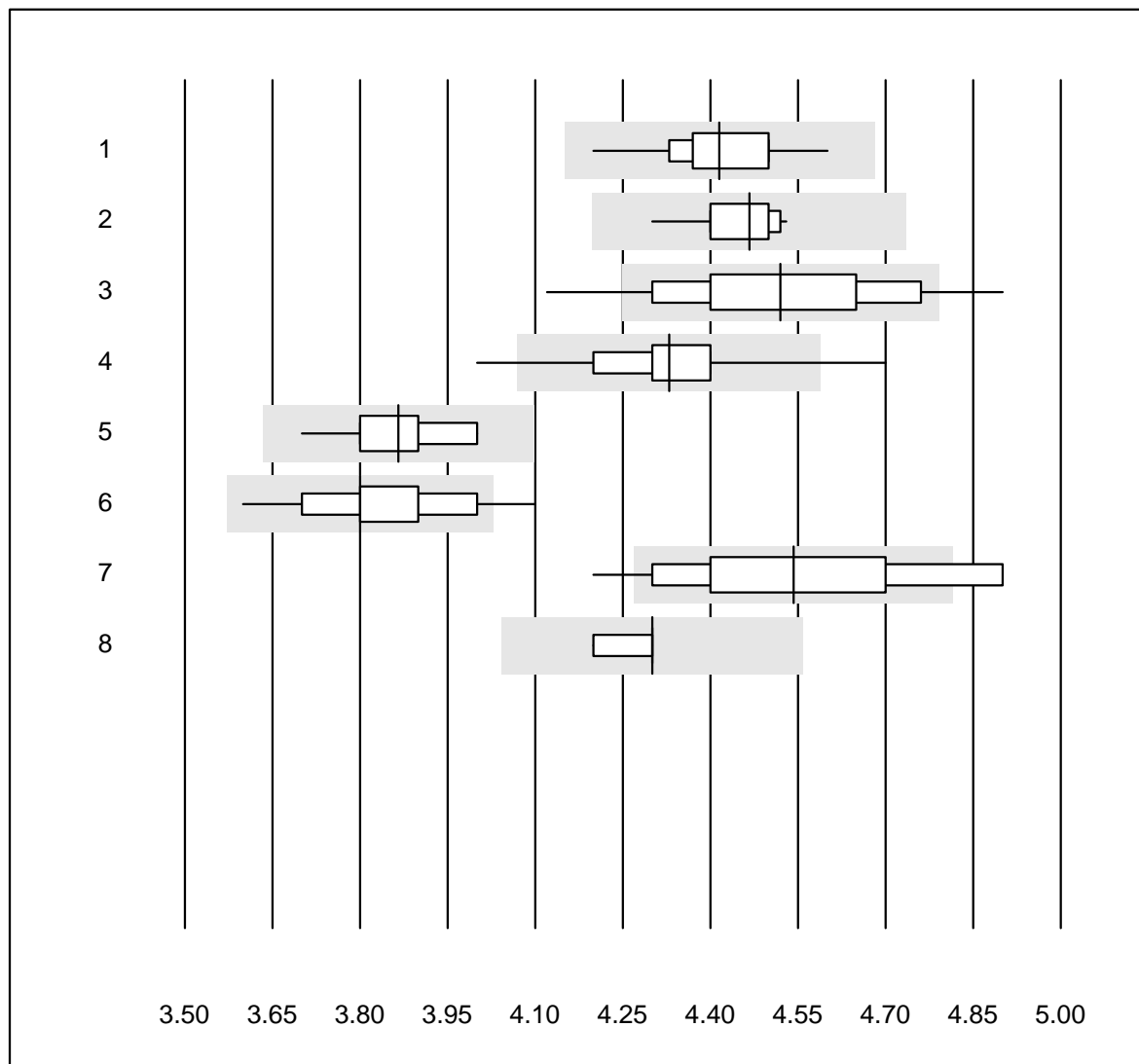
Tolleranza QUALAB : 15 %

Urea (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	24	95.8	4.2	0.0	13.6	7.6	e
2 Cobas	14	100.0	0.0	0.0	13.9	3.2	e
3 Reflotron	329	96.4	3.0	0.6	14.4	6.0	e
4 Fuji Dri-Chem	446	99.6	0.2	0.2	14.5	2.3	e
5 Spotchem/Ready	80	93.7	6.3	0.0	13.4	8.5	e
6 Spotchem D-Concept	95	90.5	6.3	3.2	14.6	8.2	e
7 Piccolo	34	100.0	0.0	0.0	12.8	3.0	e
8 Abx Mira	6	100.0	0.0	0.0	13.7	5.7	e*
9 Hitachi S40/M40	13	92.3	0.0	7.7	13.9	3.3	e
10 Autolyser/DiaSys	7	100.0	0.0	0.0	13.7	4.0	e
11 iStat Chem8	6	100.0	0.0	0.0	18.3	2.7	e



## Potassio

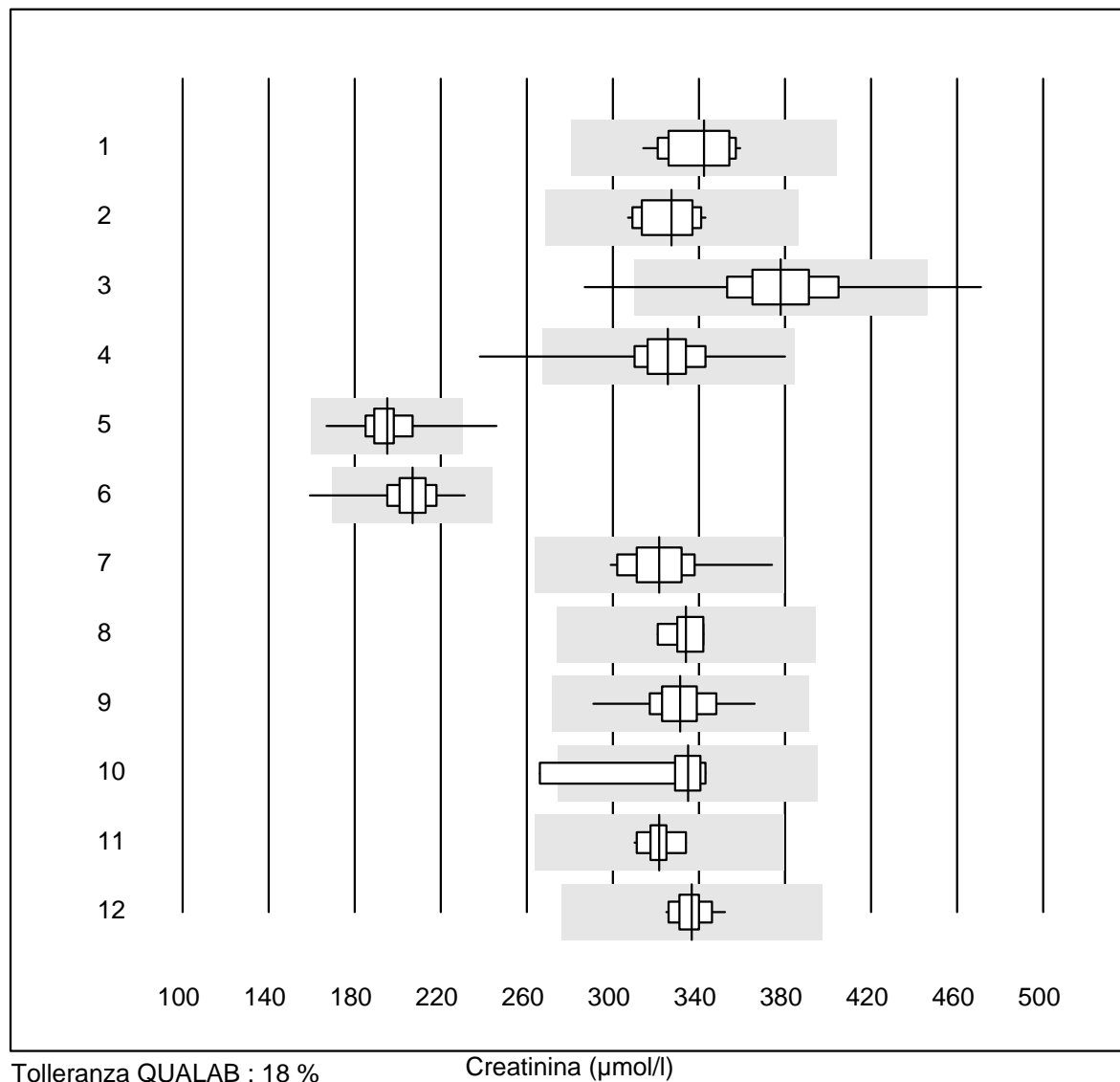


Tolleranza QUALAB : 6 %

Potassio (mmol/l)

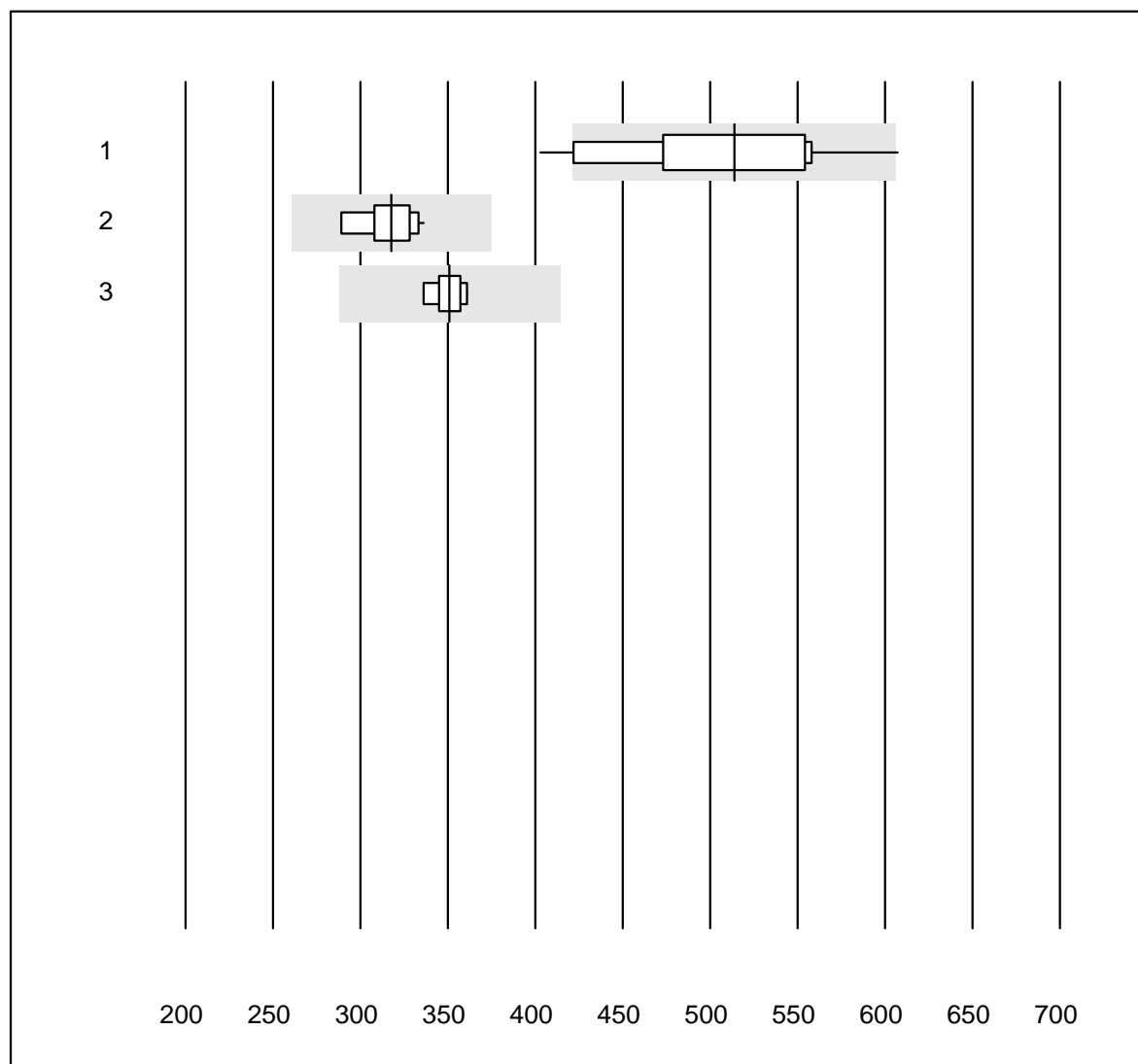
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ISE	33	97.0	0.0	3.0	4.42	1.9	e
2 Cobas	16	100.0	0.0	0.0	4.47	1.4	e
3 Reflotron	752	85.5	9.6	4.9	4.52	3.7	e
4 Fuji Dri-Chem	764	97.7	1.3	1.0	4.33	2.0	e
5 Spotchem D-Concept	158	97.5	0.0	2.5	3.87	2.0	e
6 Spotchem EL-SE 1520	116	97.4	0.9	1.7	3.80	2.8	e
7 Piccolo	22	72.8	13.6	13.6	4.54	4.4	e*
8 iStat Chem8	6	100.0	0.0	0.0	4.30	1.0	e

## Creatinina



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	14	92.9	0.0	7.1	343	4.5	e
2 Cobas	16	100.0	0.0	0.0	327	3.7	e
3 Reflotron	937	98.3	1.0	0.7	378	5.7	e
4 Fuji Dri-Chem	794	98.8	0.3	0.9	326	4.1	e
5 Spotchem/Ready	135	81.5	1.5	17.0	195	6.1	e
6 Spotchem D-Concept	157	96.9	0.6	2.5	207	5.2	e
7 Spotchem test	19	94.7	0.0	5.3	322	5.3	e
8 Enzimatisch	7	100.0	0.0	0.0	334	2.3	e
9 Piccolo	34	100.0	0.0	0.0	331	4.3	e
10 Abx Mira	10	80.0	10.0	10.0	335	7.9	e*
11 Hitachi S40/M40	18	100.0	0.0	0.0	321	2.1	e
12 Autolyser/DiaSys	14	100.0	0.0	0.0	337	2.2	e

## Creatinina E

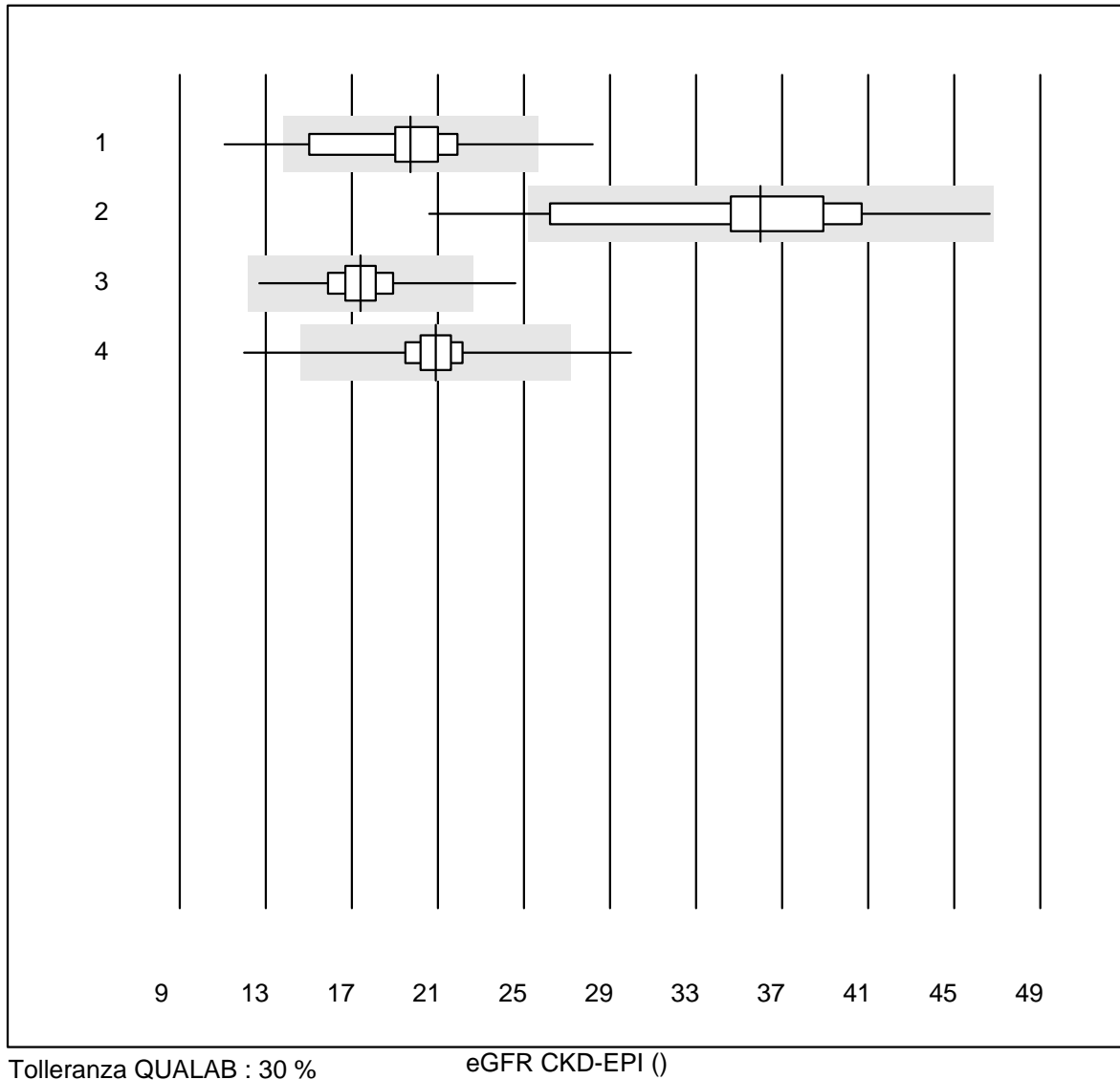


Tolleranza QUALAB : 18 %

Creatinina E (µmol/l)

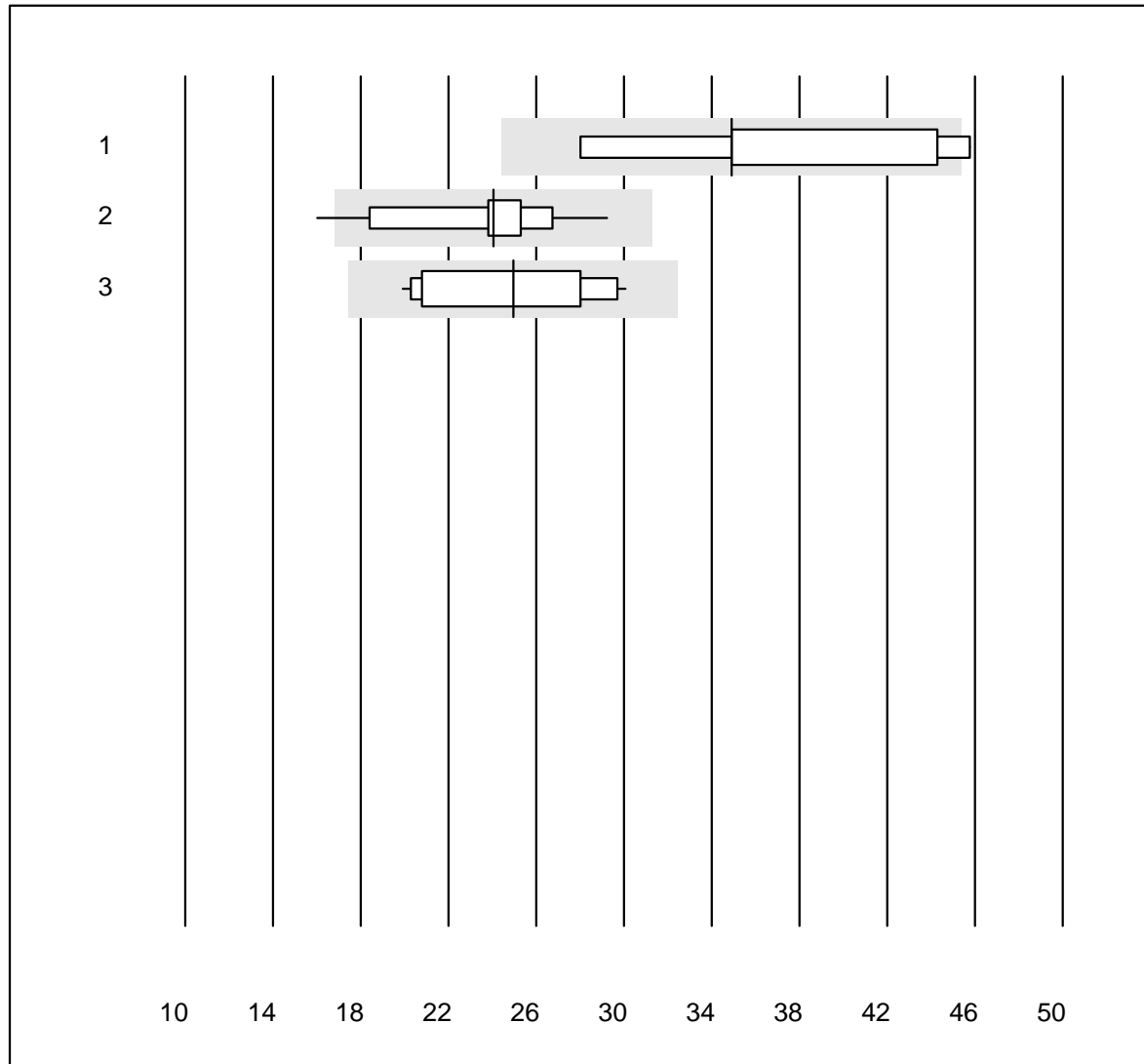
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Statsensor i / Nova	35	85.7	11.4	2.9	514	10.5	e
2 iStat Chem8	10	100.0	0.0	0.0	318	4.5	e
3 ABL700/800	9	100.0	0.0	0.0	351	2.5	e

## eGFR CKD-EPI



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	56	85.8	7.1	7.1	20	14.4	e
2 Spotchem/Ready	111	86.5	8.1	5.4	36	14.6	e
3 Reflotron	339	95.3	0.9	3.8	17	8.0	e
4 Fuji Dri-Chem	327	94.1	2.8	3.1	21	8.7	e

## eGFR Cockcroft-Gault

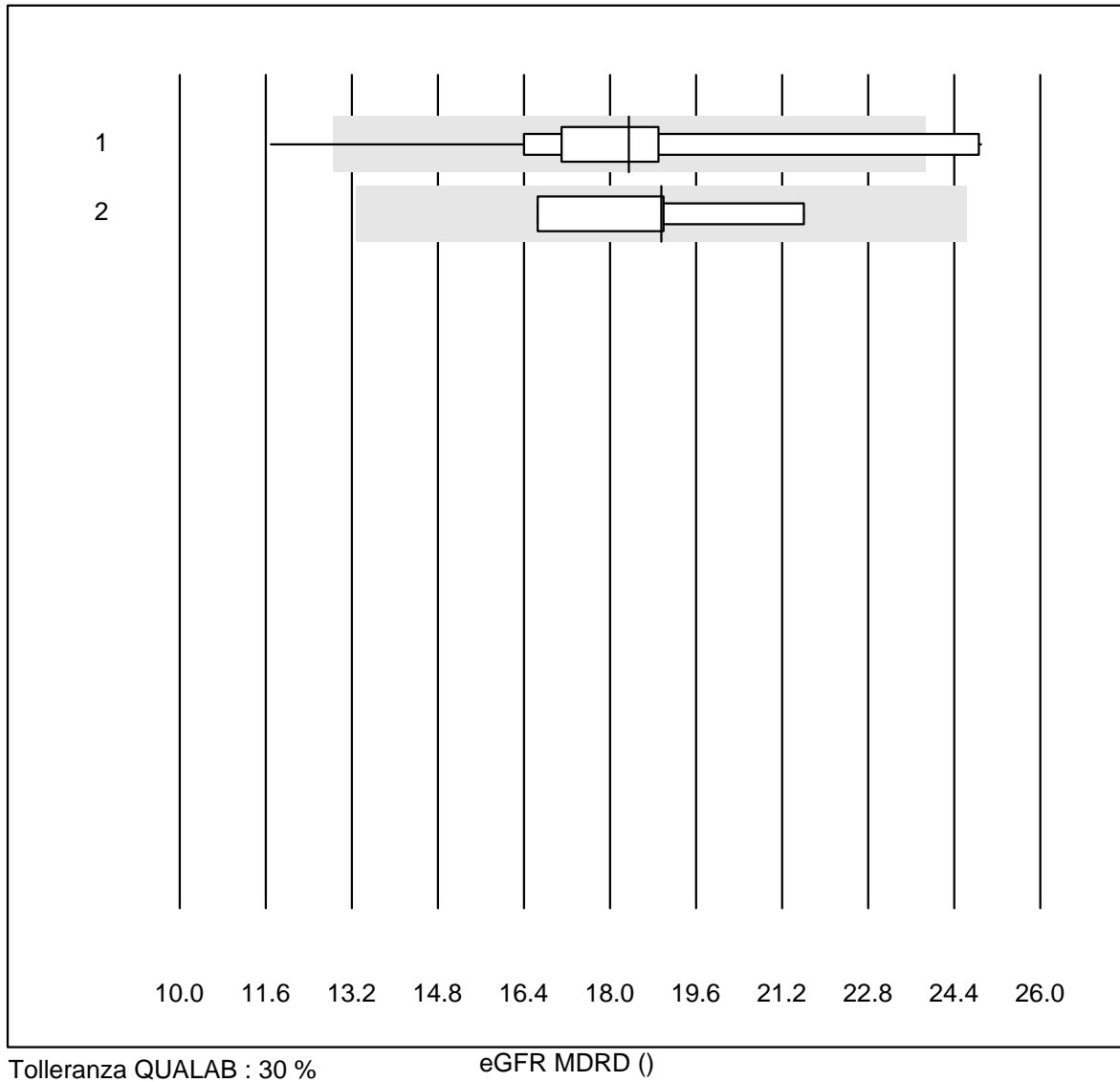


Tolleranza QUALAB : 30 %

eGFR Cockcroft-Gault ()

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Spotchem/Ready	7	57.1	14.3	28.6	35	19.3	e*
2 Reflotron	25	96.0	4.0	0.0	24	12.3	e
3 Fuji Dri-Chem	25	96.0	0.0	4.0	25	15.1	e

## eGFR MDRD

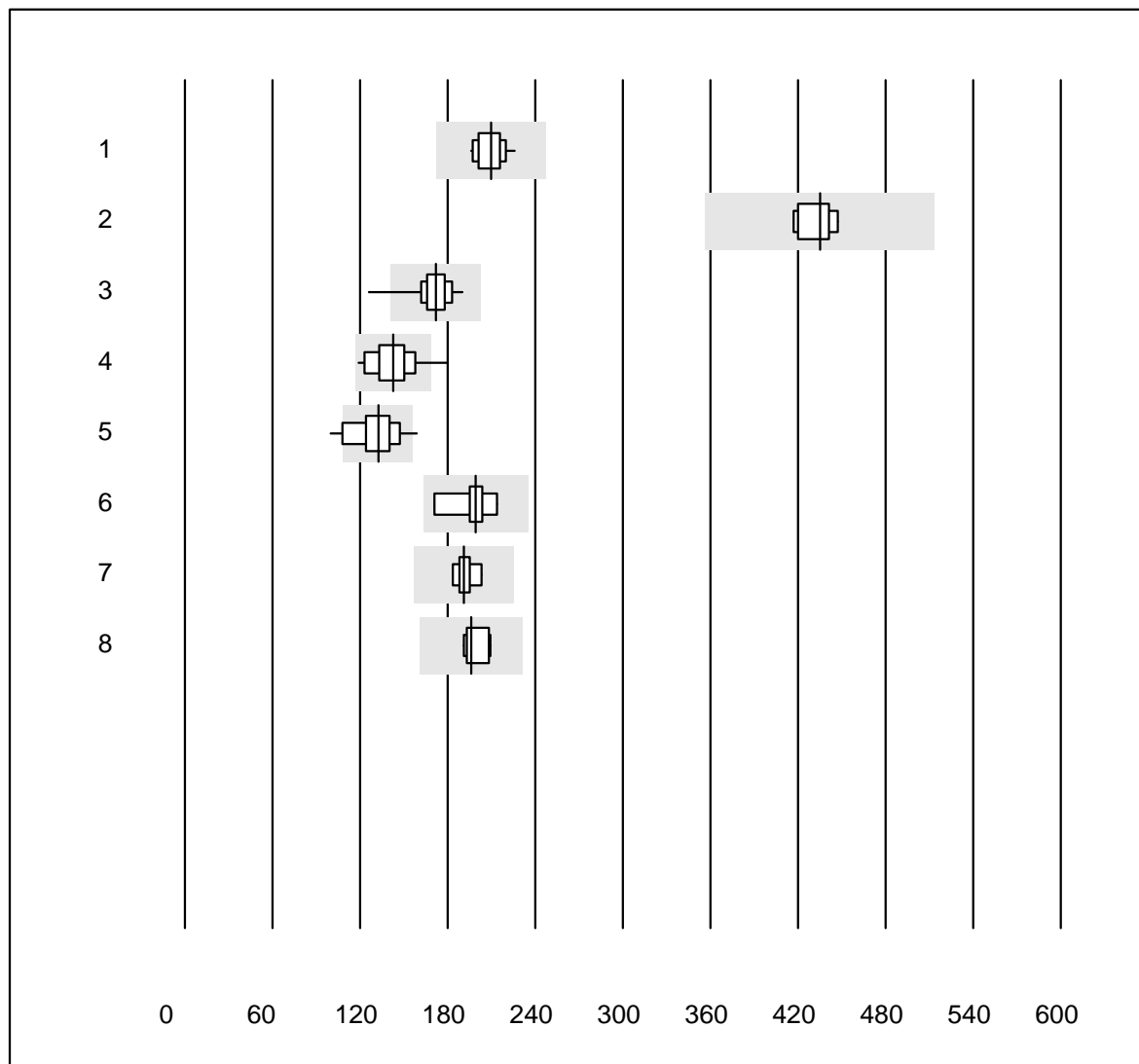


Tolleranza QUALAB : 30 %

eGFR MDRD ( )

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Reflotron	14	71.5	21.4	7.1	18	18.7	e*
2 Fuji Dri-Chem	4	100.0	0.0	0.0	19	10.6	e*

## LDH

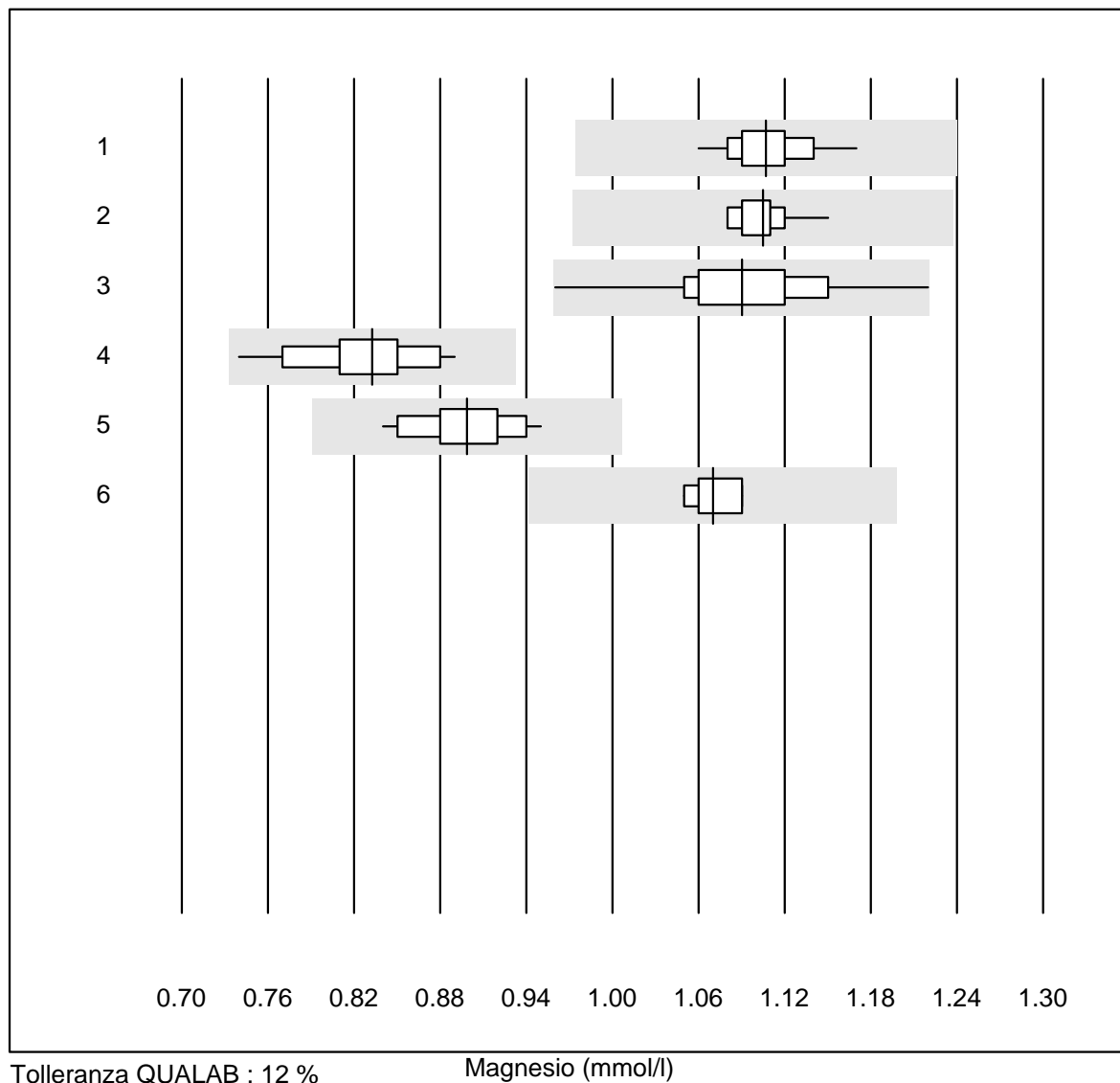


Tolleranza QUALAB : 18 %

LDH (U/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC	20	100.0	0.0	0.0	210	4.1	e
2 Cobas	9	100.0	0.0	0.0	435	2.5	e
3 Fuji Dri-Chem	144	97.9	0.7	1.4	172	5.1	e
4 Spotchem/Ready	31	96.8	3.2	0.0	143	9.8	e
5 Spotchem D-Concept	45	77.8	11.1	11.1	132	10.8	e
6 Abx Mira	6	100.0	0.0	0.0	199	7.3	e*
7 Hitachi S40/M40	6	83.3	0.0	16.7	191	3.8	e
8 Autolyser/DiaSys	7	100.0	0.0	0.0	196	3.8	e

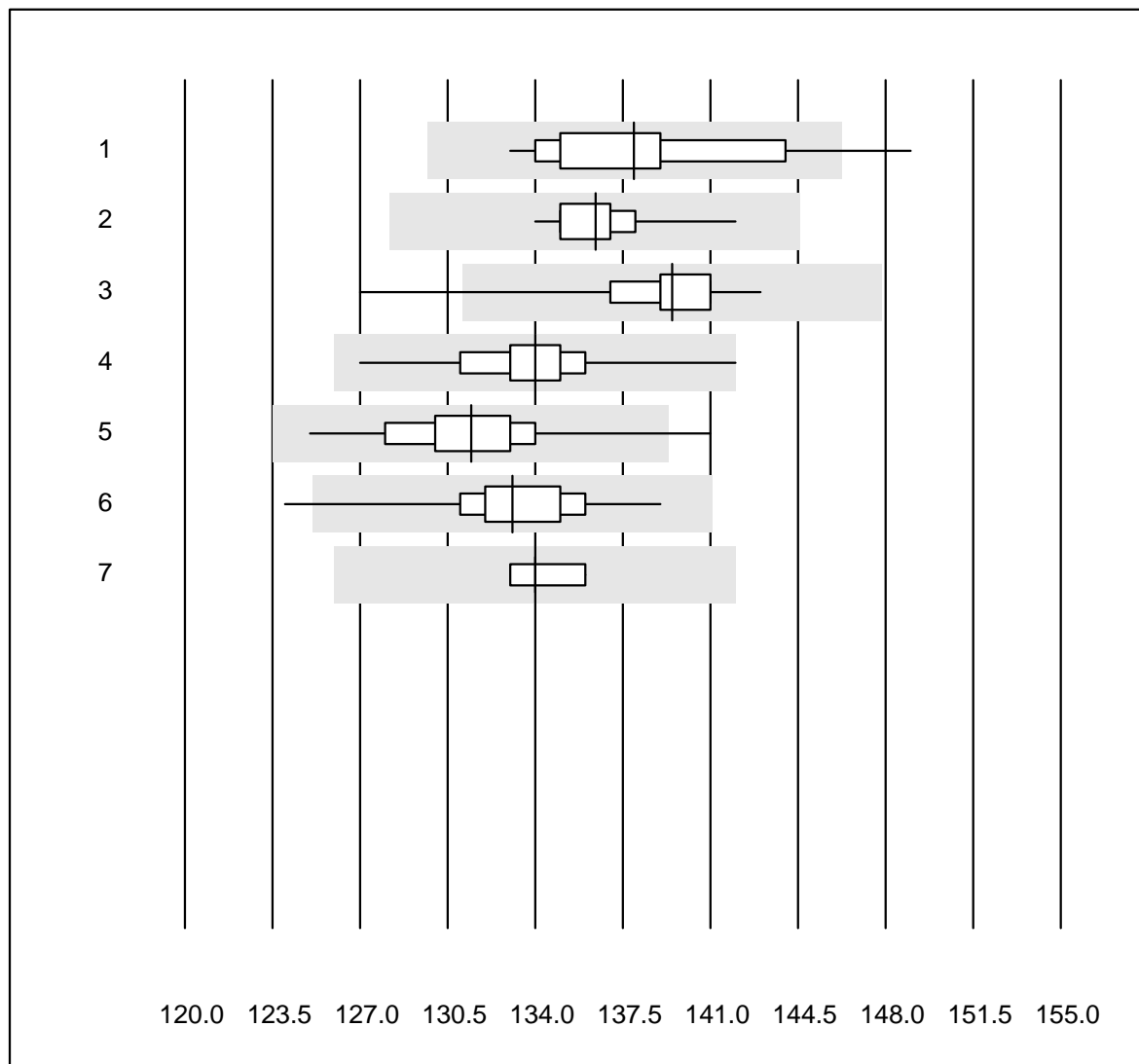
# Magnesio



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	17	100.0	0.0	0.0	1.11	2.2	e
2 Cobas	10	100.0	0.0	0.0	1.11	1.8	e
3 Fuji Dri-Chem	119	98.3	0.0	1.7	1.09	3.8	e
4 Spotchem D-Concept	33	100.0	0.0	0.0	0.83	4.4	e
5 Spotchem/Ready	15	100.0	0.0	0.0	0.90	3.5	e
6 Piccolo	5	100.0	0.0	0.0	1.07	1.7	e



## Sodio

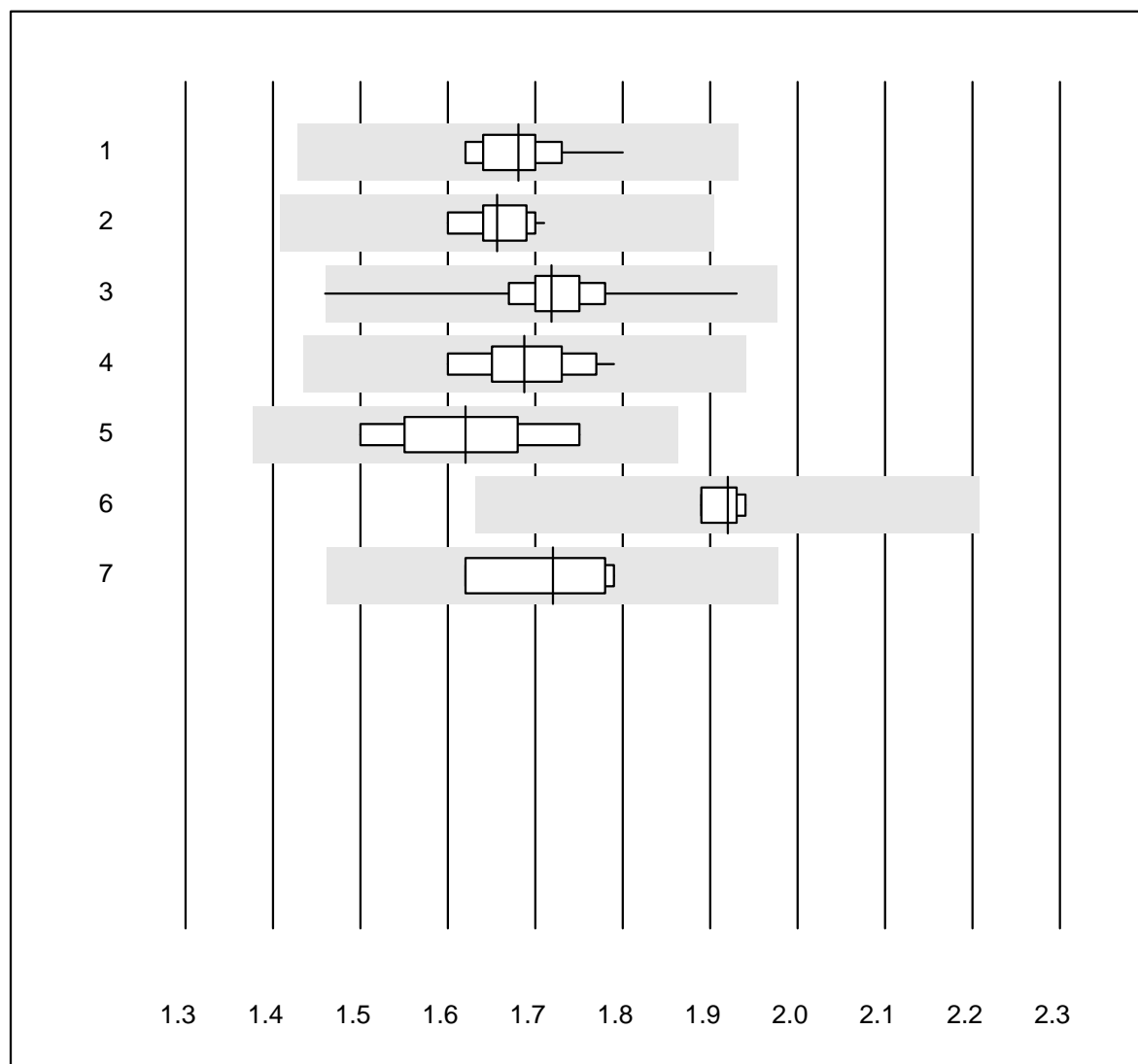


Tolleranza QUALAB : 6 %

Sodio (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ISE	32	90.6	9.4	0.0	138	3.0	e
2 Cobas	15	100.0	0.0	0.0	136	1.4	e
3 Fuji Dri-Chem	709	98.9	0.7	0.4	139	1.5	e
4 Spotchem D-Concept	150	100.0	0.0	0.0	134	1.8	e
5 Spotchem EL-SE 1520	116	97.4	0.9	1.7	131	1.9	e
6 Piccolo	23	95.7	4.3	0.0	133	2.3	e
7 iStat Chem8	5	100.0	0.0	0.0	134	0.8	e

## Fosfati

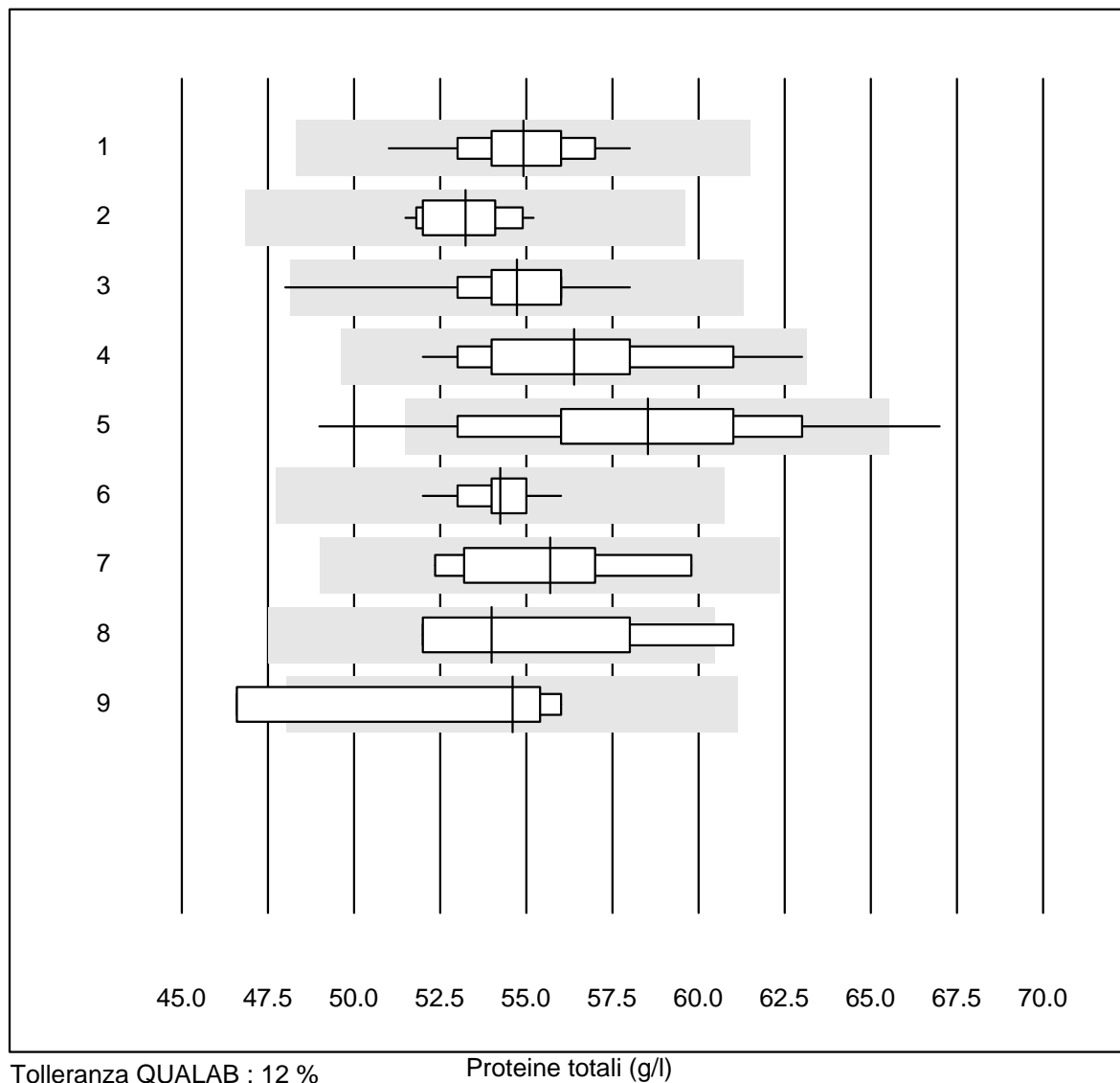


Tolleranza QUALAB : 15 %

Fosfati (mmol/l)

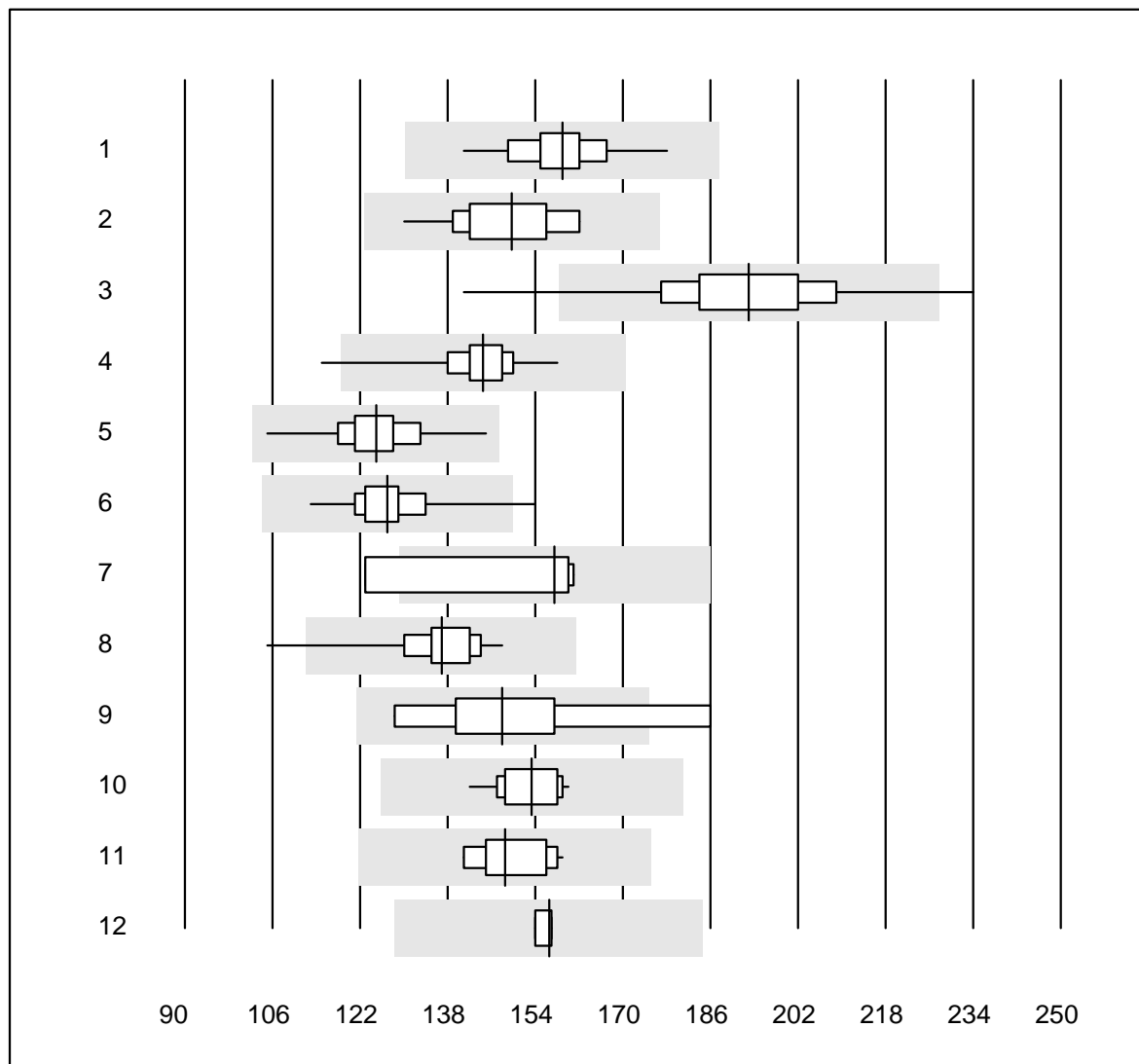
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	16	100.0	0.0	0.0	1.7	2.8	e
2 Cobas	10	100.0	0.0	0.0	1.7	2.2	e
3 Fuji Dri-Chem	81	98.8	1.2	0.0	1.7	3.7	e
4 Spotchem D-Concept	17	100.0	0.0	0.0	1.7	3.5	e
5 Spotchem/Ready	9	100.0	0.0	0.0	1.6	5.4	e
6 Piccolo	4	100.0	0.0	0.0	1.9	1.2	e
7 Abx Mira	4	100.0	0.0	0.0	1.7	5.0	e*

## Proteine totali



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	24	100.0	0.0	0.0	54.9	2.9	e
2 Cobas	11	100.0	0.0	0.0	53.2	2.4	e
3 Fuji Dri-Chem	184	99.5	0.5	0.0	54.7	2.3	e
4 Spotchem/Ready	38	97.4	0.0	2.6	56.4	5.7	e
5 Spotchem D-Concept	69	91.4	7.2	1.4	58.5	6.7	e
6 Piccolo	25	100.0	0.0	0.0	54.2	1.7	e
7 Abx Mira	5	100.0	0.0	0.0	55.7	5.4	e*
8 Hitachi S40/M40	7	85.7	14.3	0.0	54.0	6.0	e*
9 Autolysier/DiaSys	4	75.0	25.0	0.0	54.6	8.2	e*

## Transaminasi GOT/AST

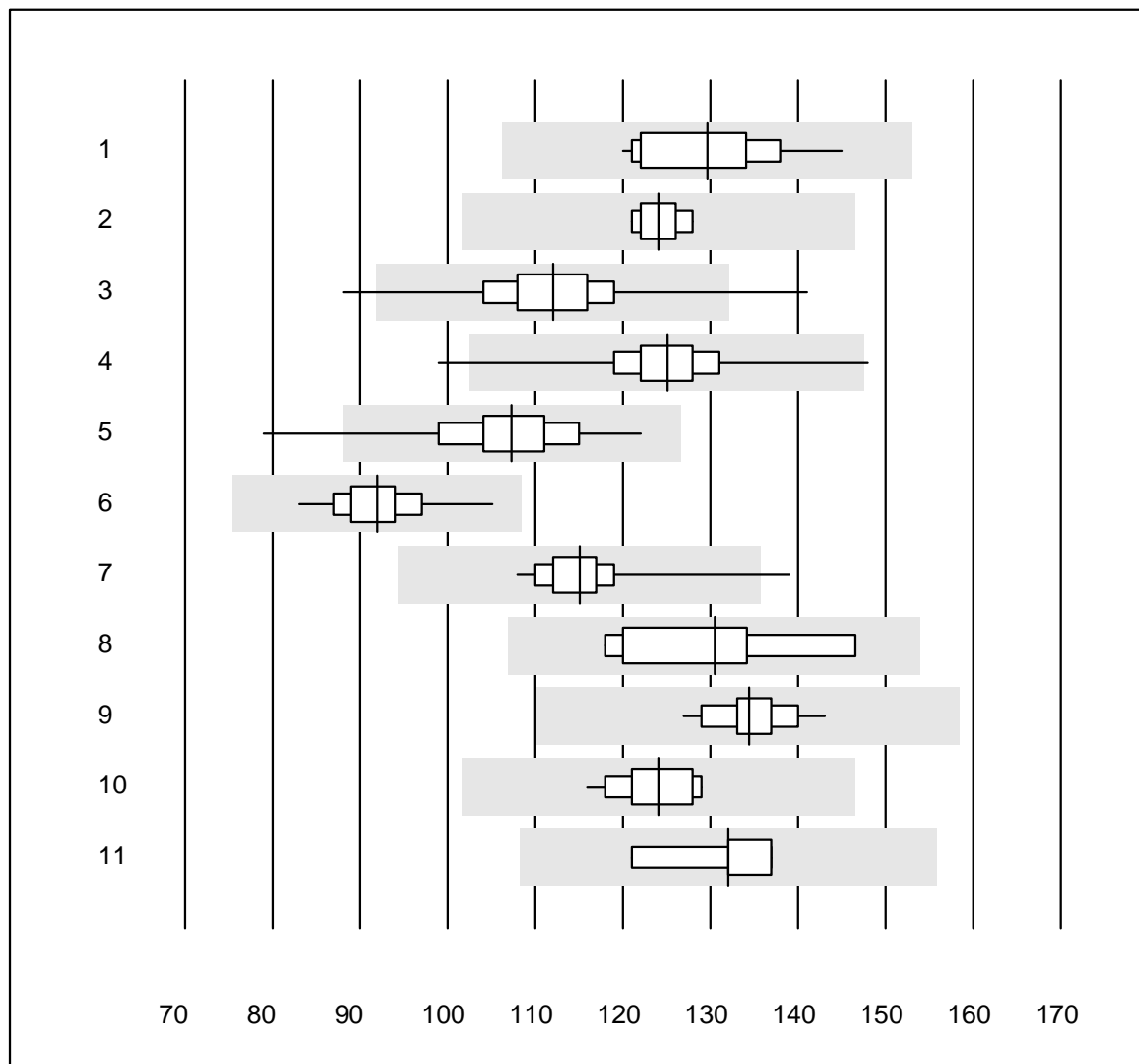


Tolleranza QUALAB : 18 %

Transaminasi GOT/AST (U/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC con PP	19	100.0	0.0	0.0	159	4.8	e
2 Cobas	16	100.0	0.0	0.0	150	6.3	e
3 Reflotron	838	97.1	2.1	0.8	193	7.0	e
4 Fuji Dri-Chem	768	99.5	0.1	0.4	145	3.2	e
5 Spotchem/Ready	147	99.3	0.0	0.7	125	4.8	e
6 Spotchem D-Concept	166	98.8	1.2	0.0	127	4.6	e
7 IFCC senza PP	4	75.0	25.0	0.0	158	12.0	e*
8 Piccolo	34	97.1	2.9	0.0	137	6.1	e
9 Abx Mira	9	88.9	11.1	0.0	148	11.5	e*
10 Hitachi S40/M40	20	100.0	0.0	0.0	153	3.2	e
11 Autolyser/DiaSys	14	100.0	0.0	0.0	148	4.4	e
12 altro	4	100.0	0.0	0.0	157	0.9	e

## Transaminasi GPT/ALT

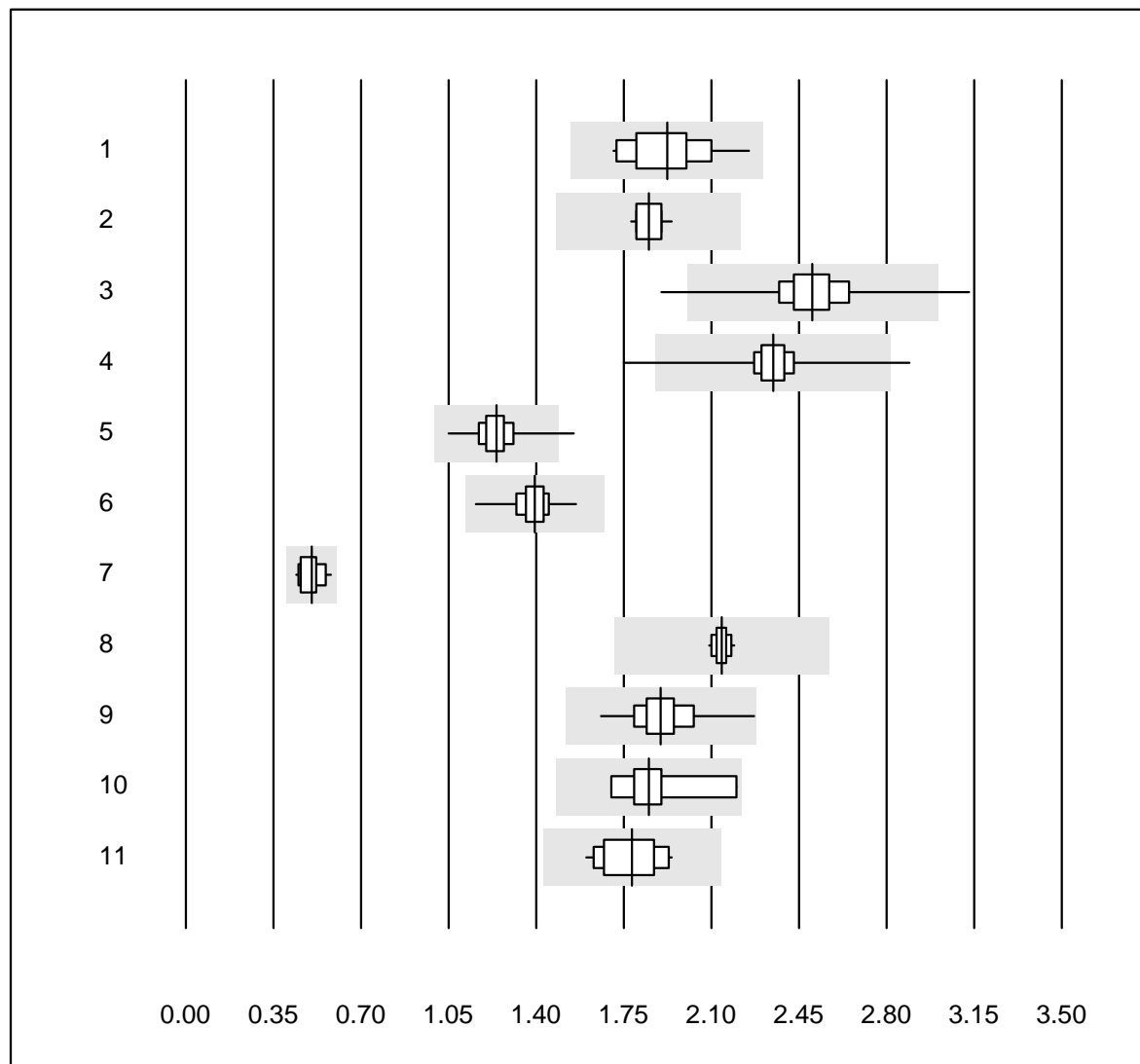


Tolleranza QUALAB : 18 %

Transaminasi GPT/ALT (U/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 IFCC con PP	20	100.0	0.0	0.0	130	5.7	e
2 Cobas	17	100.0	0.0	0.0	124	1.9	e
3 Reflotron	871	98.5	0.7	0.8	112	5.9	e
4 Fuji Dri-Chem	788	99.1	0.3	0.6	125	4.2	e
5 Spotchem/Ready	150	98.0	0.7	1.3	107	6.0	e
6 Spotchem D-Concept	171	99.4	0.0	0.6	92	4.5	e
7 Piccolo	35	97.1	2.9	0.0	115	4.9	e
8 Abx Mira	8	100.0	0.0	0.0	131	7.5	e*
9 Hitachi S40/M40	20	95.0	0.0	5.0	134	2.8	e
10 Autolyser/DiaSys	14	100.0	0.0	0.0	124	3.4	e
11 altro	5	100.0	0.0	0.0	132	5.0	e*

## Trigliceridi

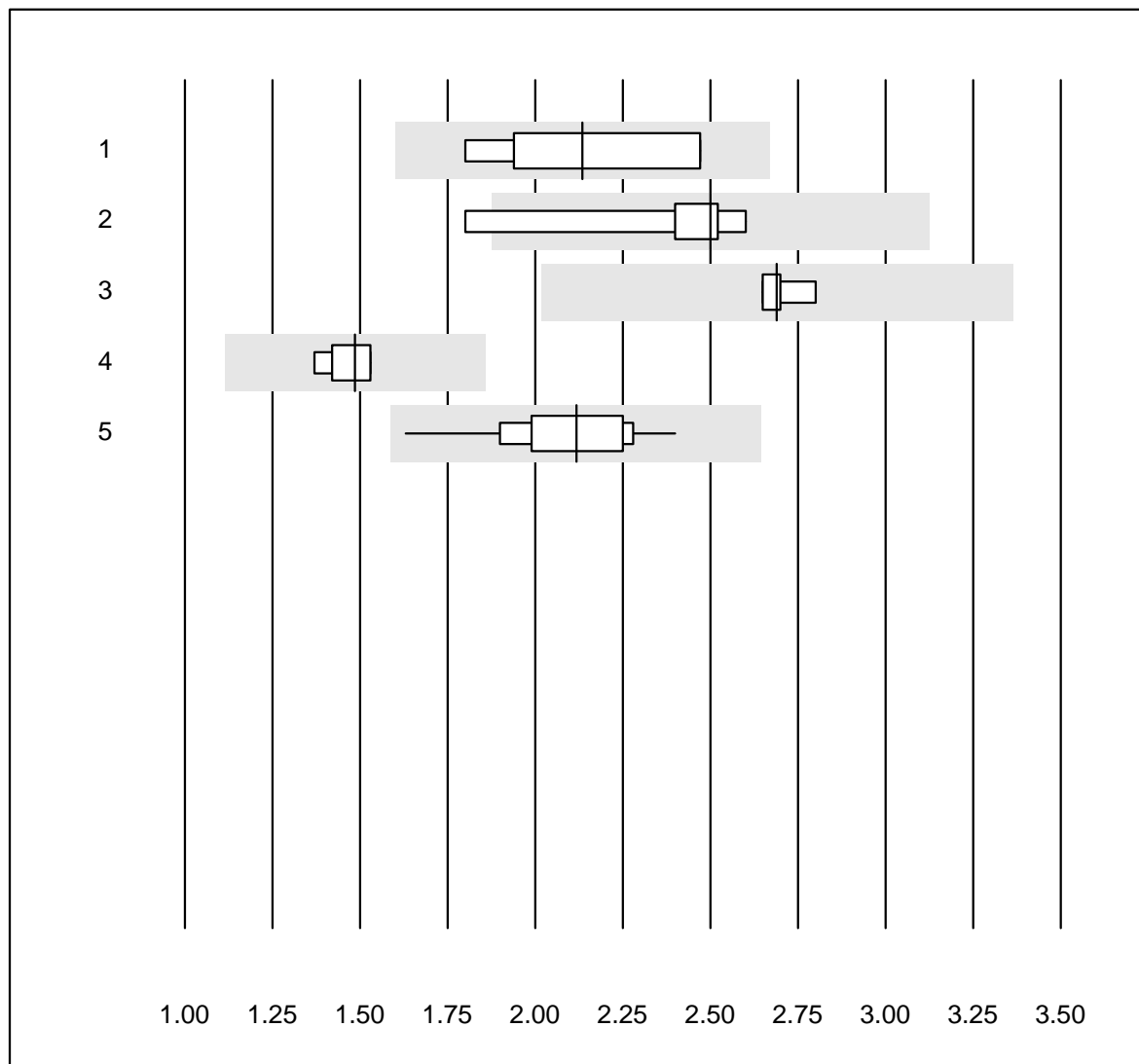


Tolleranza QUALAB : 20 %

Trigliceridi (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	19	100.0	0.0	0.0	1.92	6.9	e
2 Cobas	16	100.0	0.0	0.0	1.85	2.8	e
3 Reflotron	607	97.7	0.8	1.5	2.50	5.2	e
4 Fuji Dri-Chem	696	98.6	0.4	1.0	2.35	3.4	e
5 Spotchem/Ready	127	98.4	1.6	0.0	1.24	5.5	e
6 Spotchem D-Concept	150	100.0	0.0	0.0	1.40	4.2	e
7 Hitachi S40/M40	15	93.3	0.0	6.7	0.50	8.2	e
8 Piccolo	17	94.1	0.0	5.9	2.14	1.4	e
9 Cholestech LDX	190	99.5	0.0	0.5	1.90	5.1	e
10 Abx Mira	9	100.0	0.0	0.0	1.85	7.9	e*
11 Autolyser/DiaSys	13	100.0	0.0	0.0	1.78	6.4	e

## LDL Cholesterin

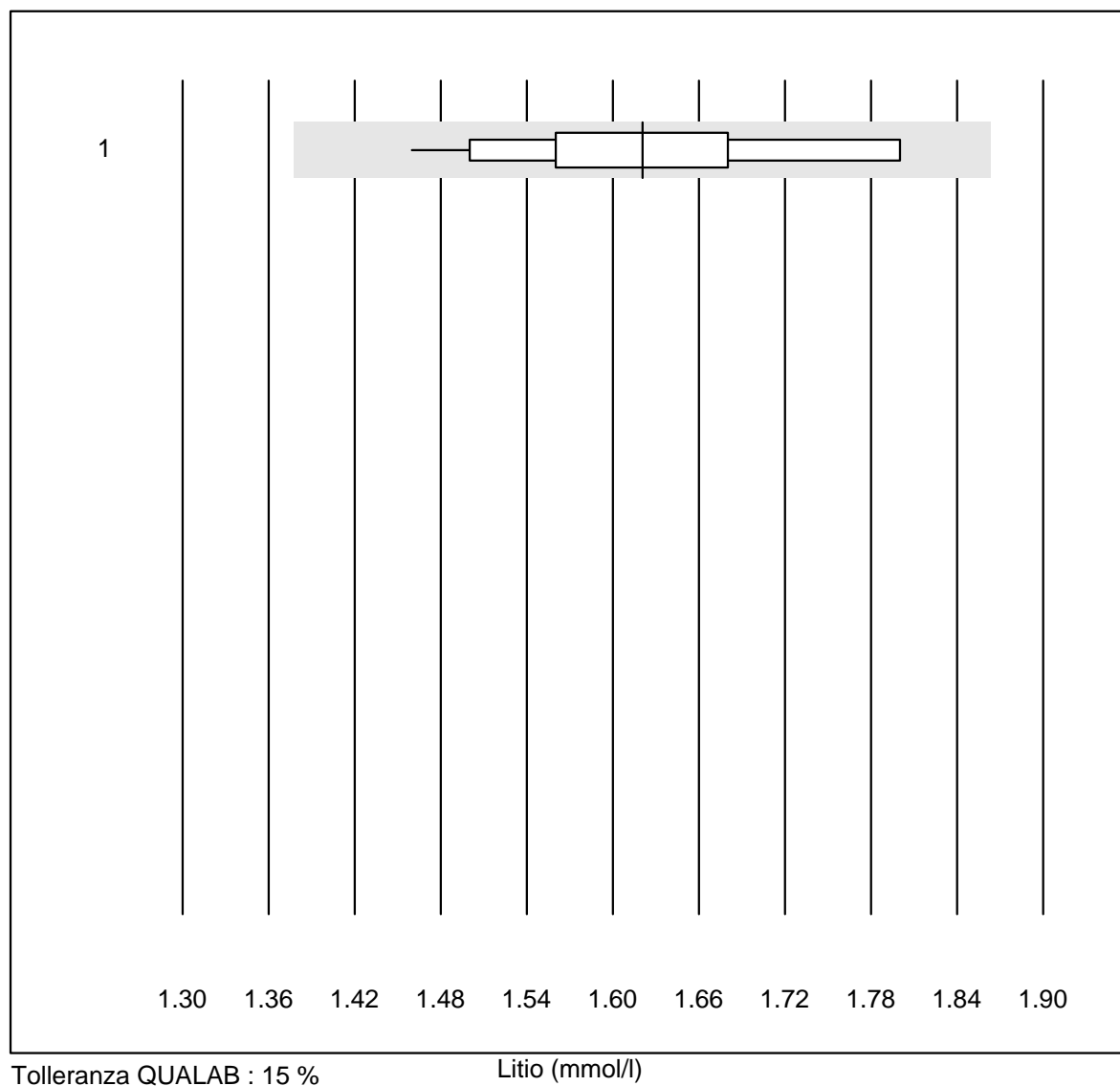


Tolleranza QUALAB : 25 %

LDL Cholesterin (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Abx Mira	6	100.0	0.0	0.0	2.1	13.4	e*
2 Chimica umida	6	83.3	16.7	0.0	2.5	12.3	e*
3 Roche, Cobas	4	100.0	0.0	0.0	2.7	2.4	e
4 Hitachi S40/M40	8	87.5	0.0	12.5	1.5	4.0	e
5 Autolyser/DiaSys	12	100.0	0.0	0.0	2.1	9.7	e

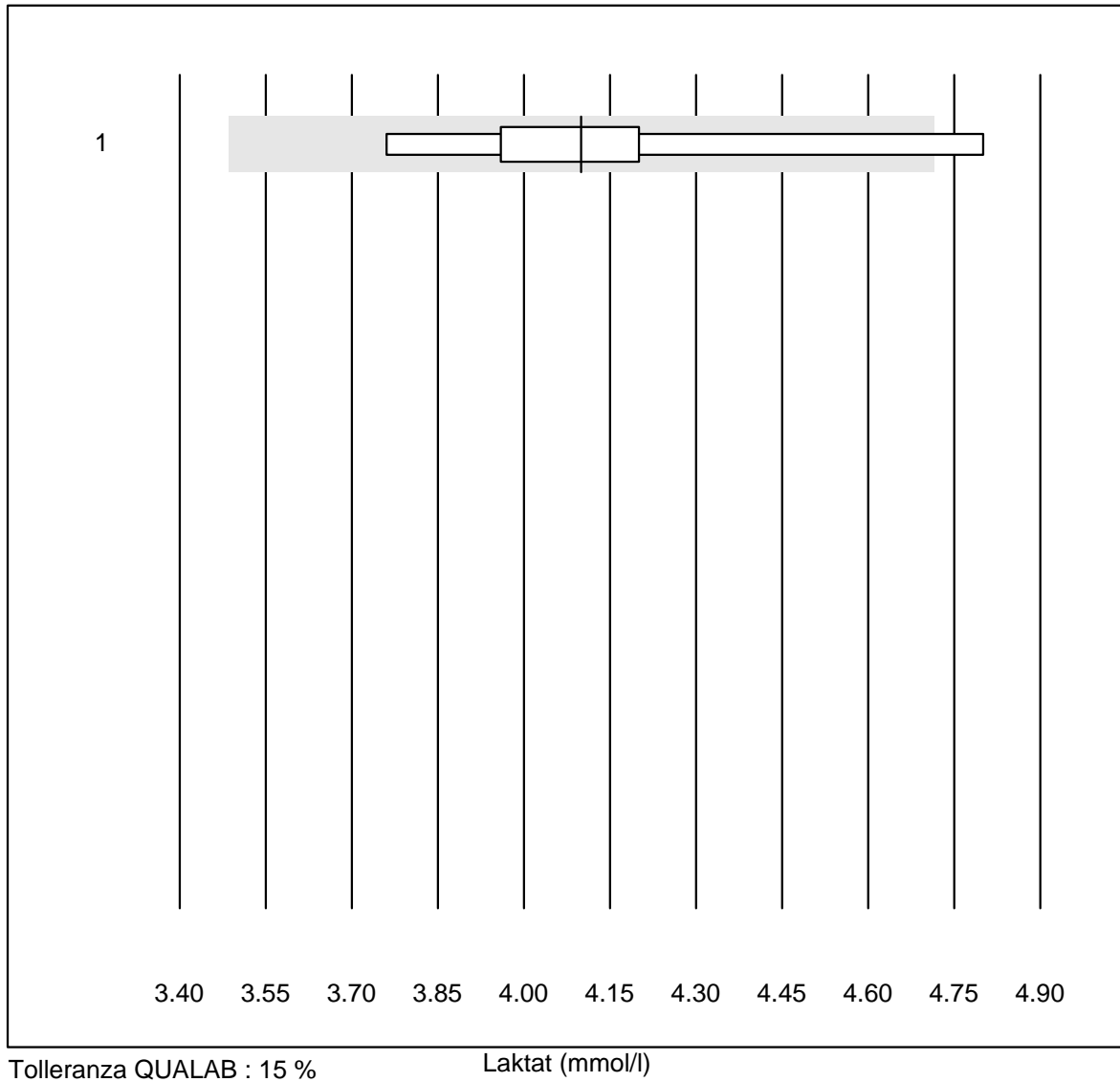
## Litio



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	14	100.0	0.0	0.0	1.62	6.2	e

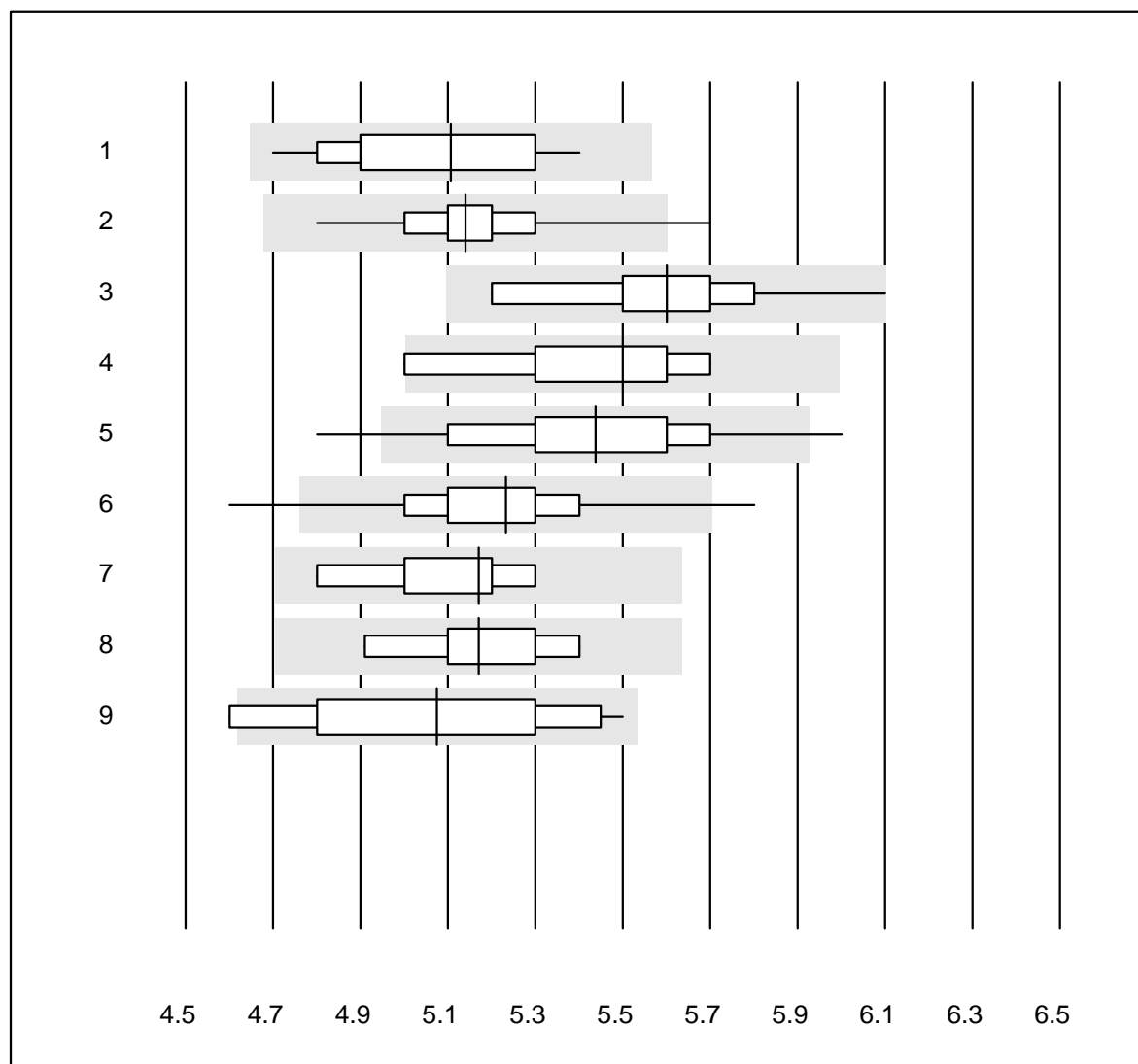


## Laktat



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	7	85.7	14.3	0.0	4.10	7.7	e*

## HbA1c campione A

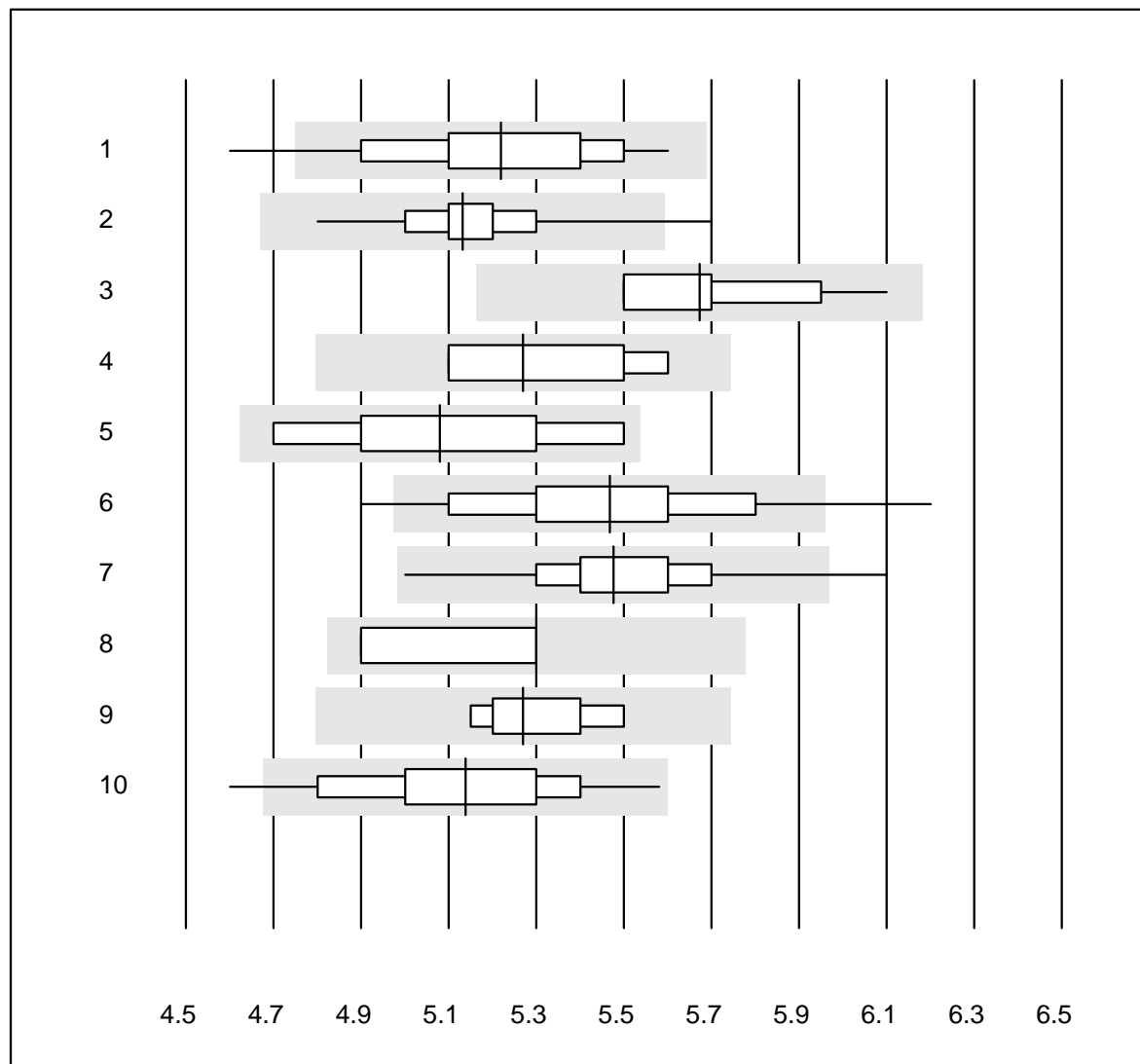


Tolleranza QUALAB : 9 %

HbA1c campione A (%)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b101	34	100.0	0.0	0.0	5.1	3.8	e
2 Afinion	665	98.7	1.1	0.2	5.1	2.7	e
3 Eurolyser	16	100.0	0.0	0.0	5.6	3.9	e
4 Hemocue HbA1c 501	8	87.5	12.5	0.0	5.5	4.3	e*
5 NycoCard	74	81.0	4.1	14.9	5.4	4.6	e
6 DCA2000/Vantage	204	97.5	2.0	0.5	5.2	3.5	e
7 Andere	8	100.0	0.0	0.0	5.2	3.2	a
8 HPLC	6	100.0	0.0	0.0	5.2	3.3	a
9 Roche, Cobas	18	88.9	11.1	0.0	5.1	5.7	e*

## HbA1c campione B

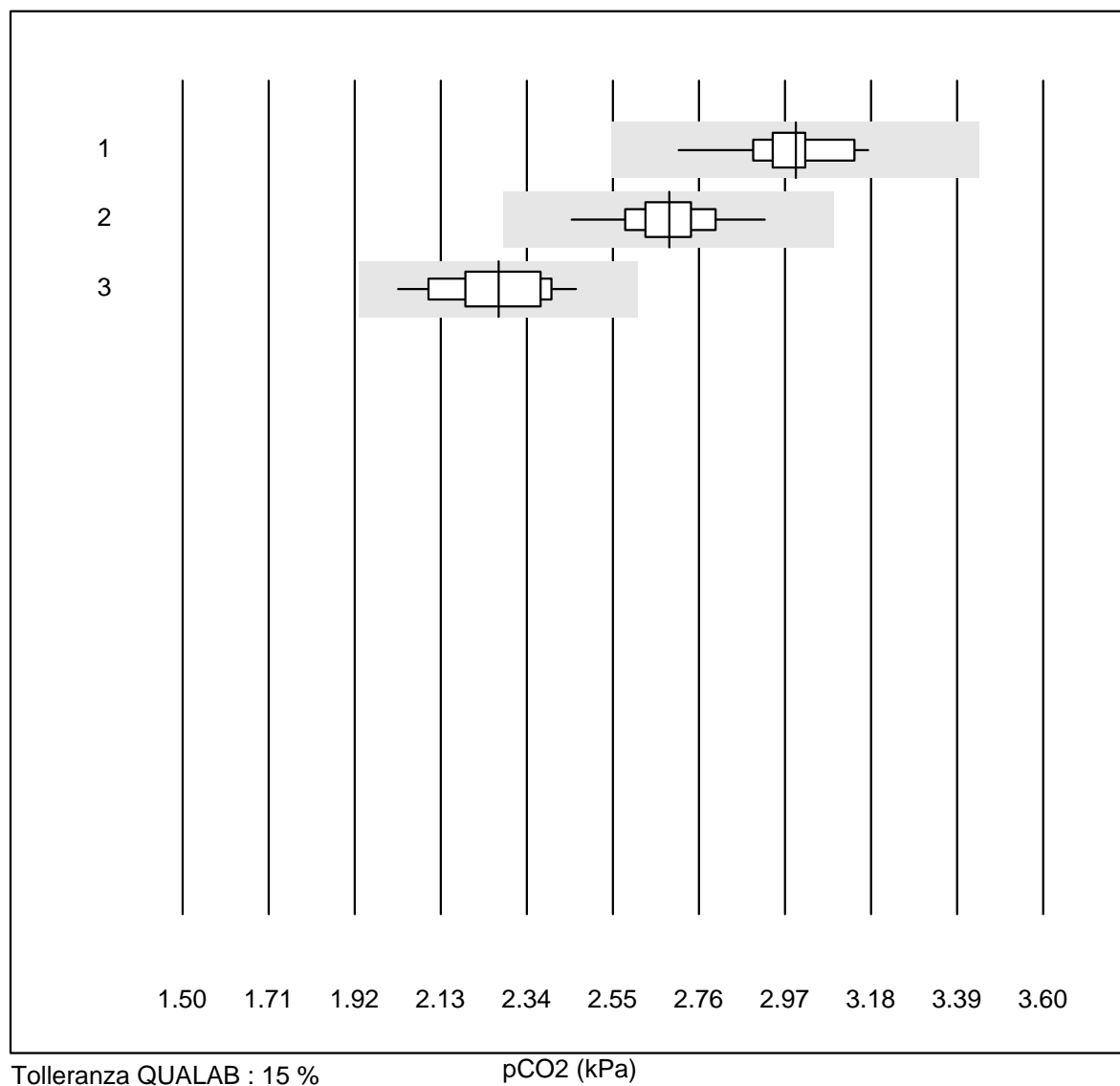


Tolleranza QUALAB : 9 %

HbA1c campione B (%)

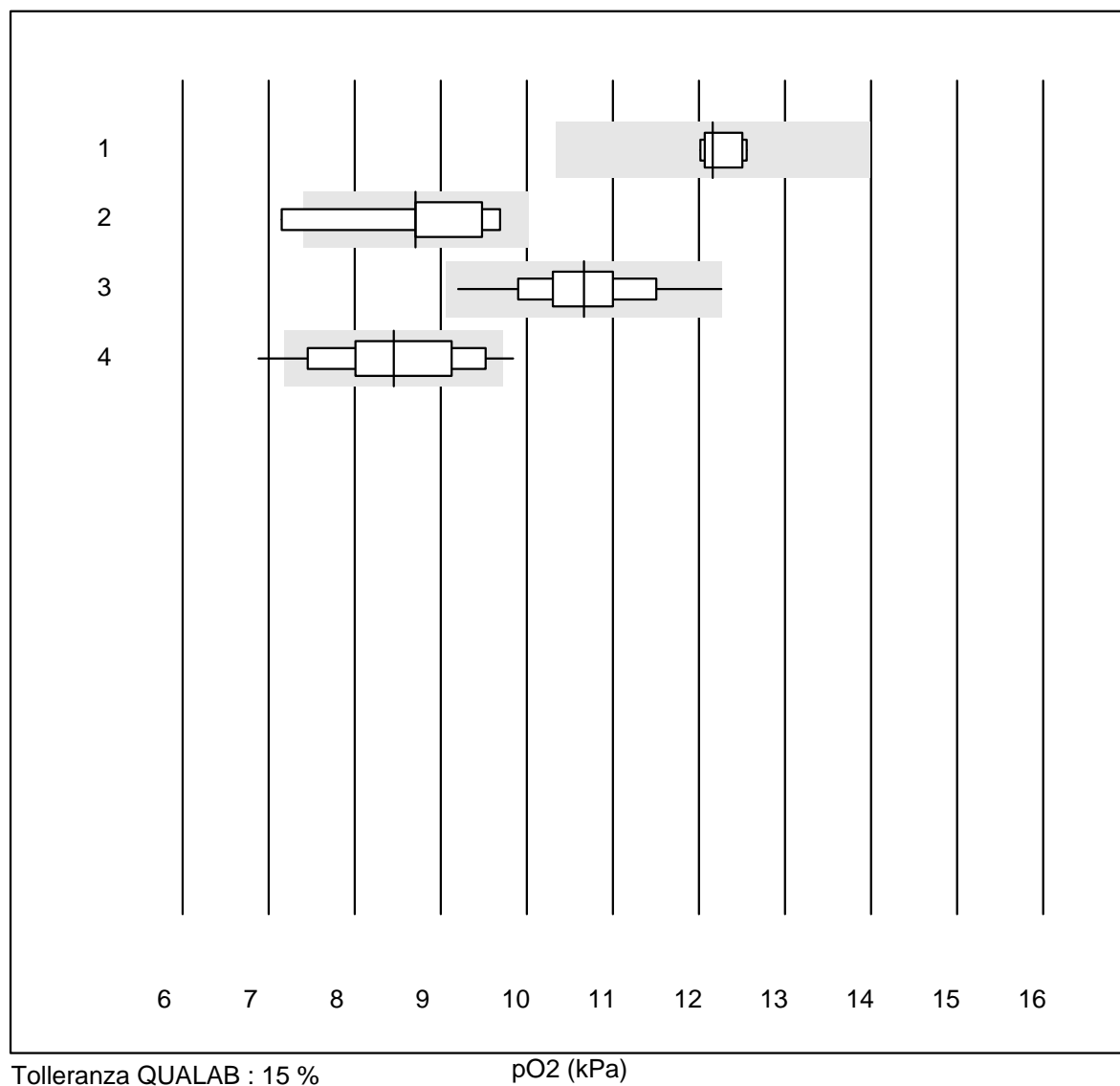
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b101	32	96.9	3.1	0.0	5.2	4.4	e
2 Afinion	579	98.7	1.0	0.3	5.1	2.5	e
3 Eurolyser	20	100.0	0.0	0.0	5.7	3.2	e
4 A1c Now	4	100.0	0.0	0.0	5.3	4.9	a
5 Hemocue HbA1c 501	11	90.9	0.0	9.1	5.1	5.3	e*
6 NycoCard	73	89.1	6.8	4.1	5.5	5.1	e
7 DCA2000/Vantage	225	98.2	0.9	0.9	5.5	3.2	e
8 Andere	4	100.0	0.0	0.0	5.3	3.8	e*
9 HPLC	5	100.0	0.0	0.0	5.3	2.8	a
10 Roche, Cobas	13	92.3	7.7	0.0	5.1	5.2	e*

## pCO2



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	16	100.0	0.0	0.0	3.00	3.8	e
2 iStat	36	100.0	0.0	0.0	2.69	3.6	e
3 EPOC	24	91.7	0.0	8.3	2.27	5.4	e

**pO2**



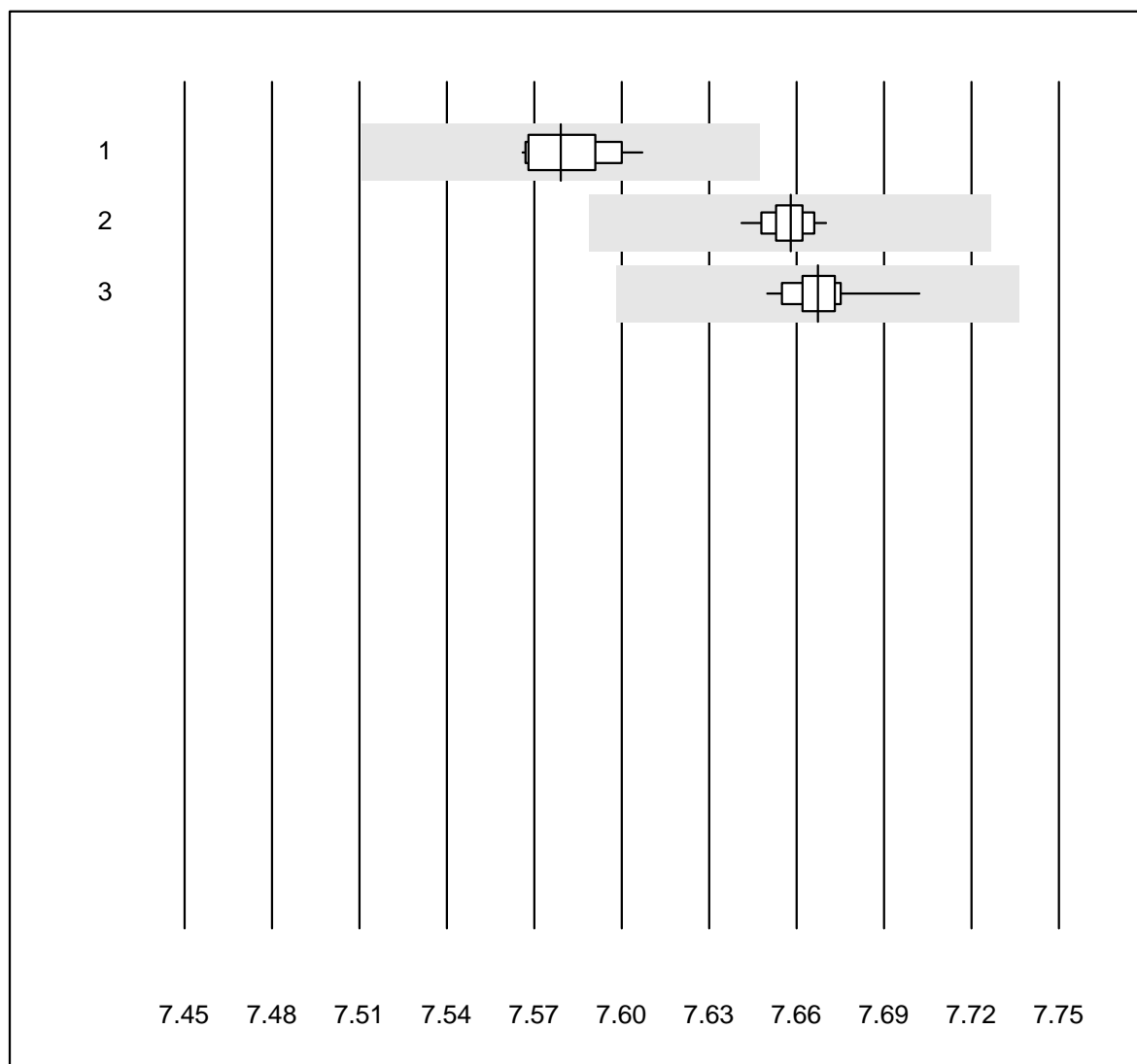
Tolleranza QUALAB : 15 %

pO2 (kPa)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b221	6	100.0	0.0	0.0	12.16	1.9	e
2 Cobas b121/123	7	57.1	14.3	28.6	8.71	11.3	e*
3 iStat	36	97.2	0.0	2.8	10.67	6.2	e
4 EPOC	24	75.0	12.5	12.5	8.46	9.7	e*

# K4 Gas sanguini

## pH

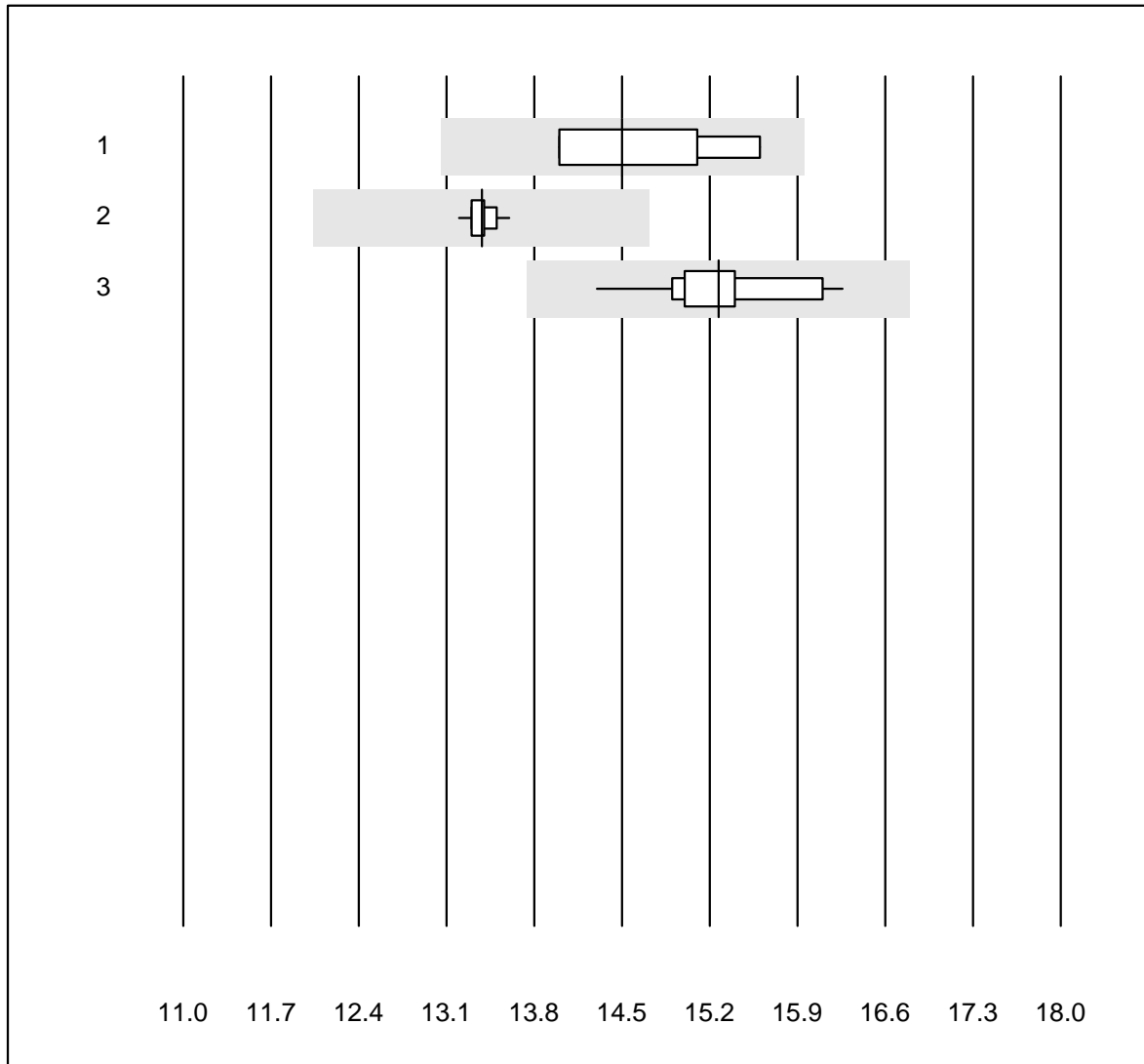


Tolleranza QUALAB : 1 %

pH ()

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	15	100.0	0.0	0.0	7.58	0.2	e
2 iStat	36	100.0	0.0	0.0	7.66	0.1	e
3 EPOC	24	95.8	0.0	4.2	7.67	0.1	e

## Glucosio GS

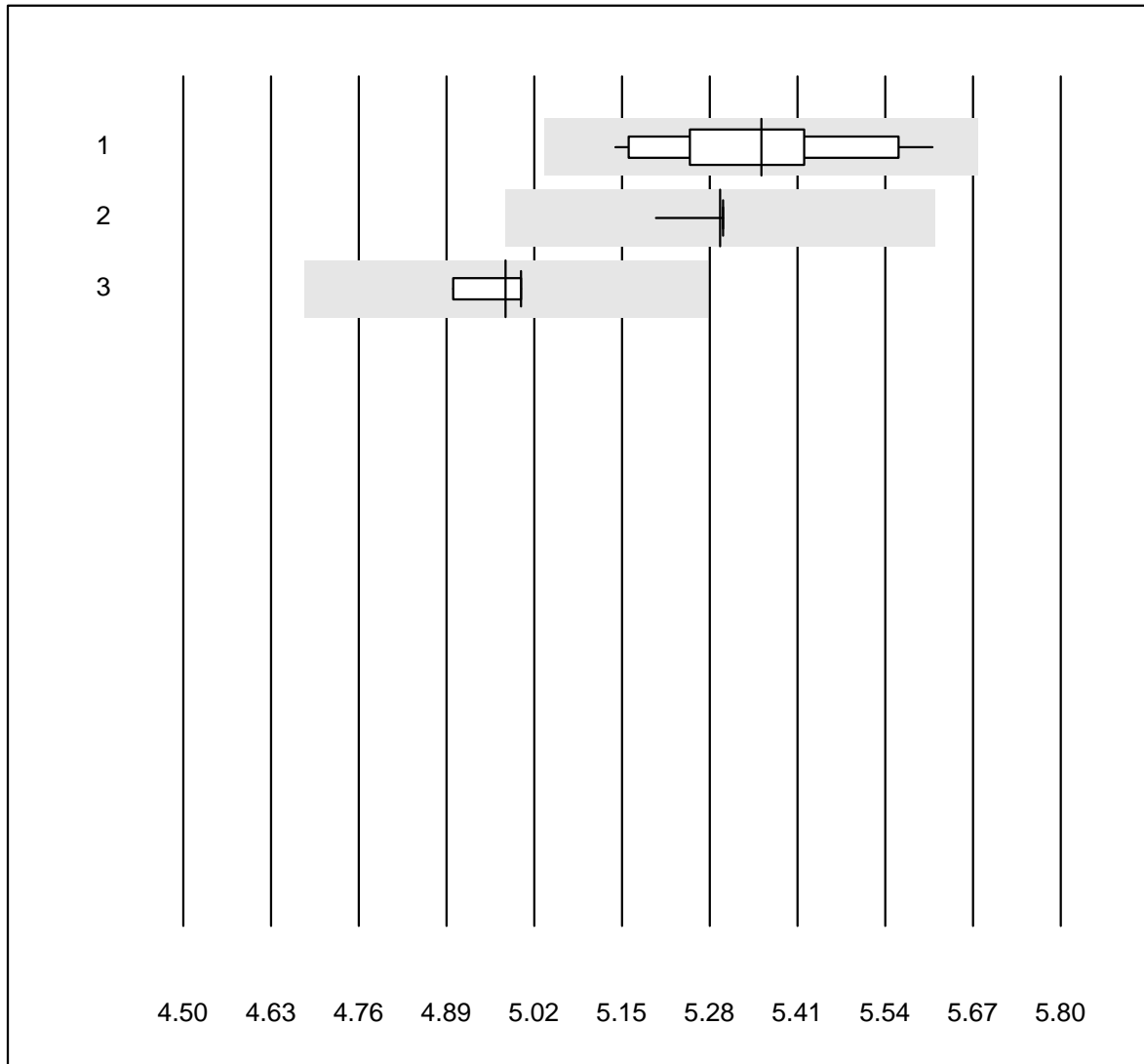


Tolleranza QUALAB : 10 %

Glucosio GS (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	8	87.5	0.0	12.5	14.5	4.1	e*
2 iStat	11	100.0	0.0	0.0	13.4	0.8	e
3 EPOC	16	93.7	0.0	6.3	15.3	3.2	e

## Potassio BG



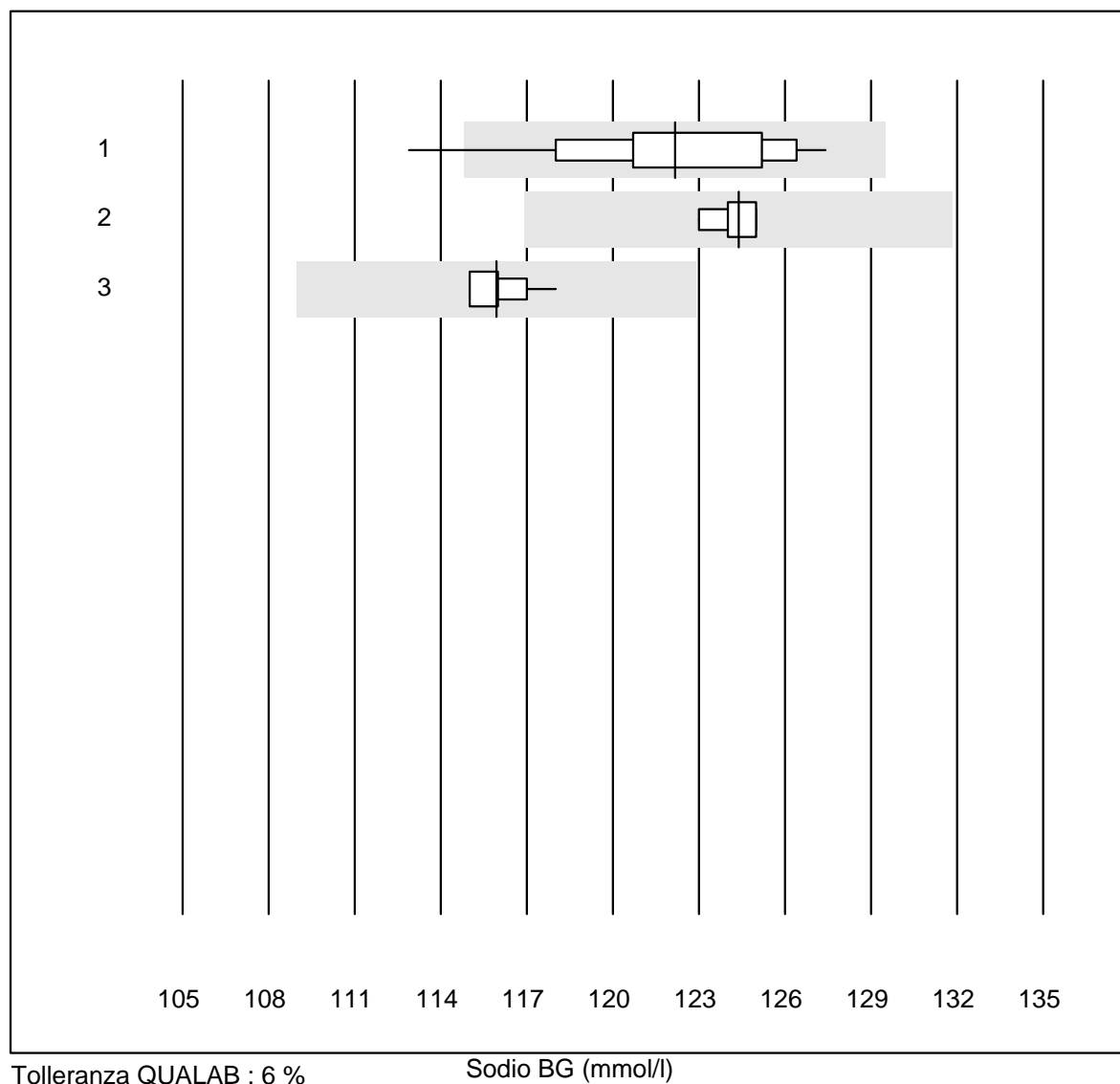
Tolleranza QUALAB : 6 %

Potassio BG (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	15	100.0	0.0	0.0	5.4	2.5	e
2 iStat	21	100.0	0.0	0.0	5.3	0.4	e
3 EPOC	19	94.7	0.0	5.3	5.0	0.9	e

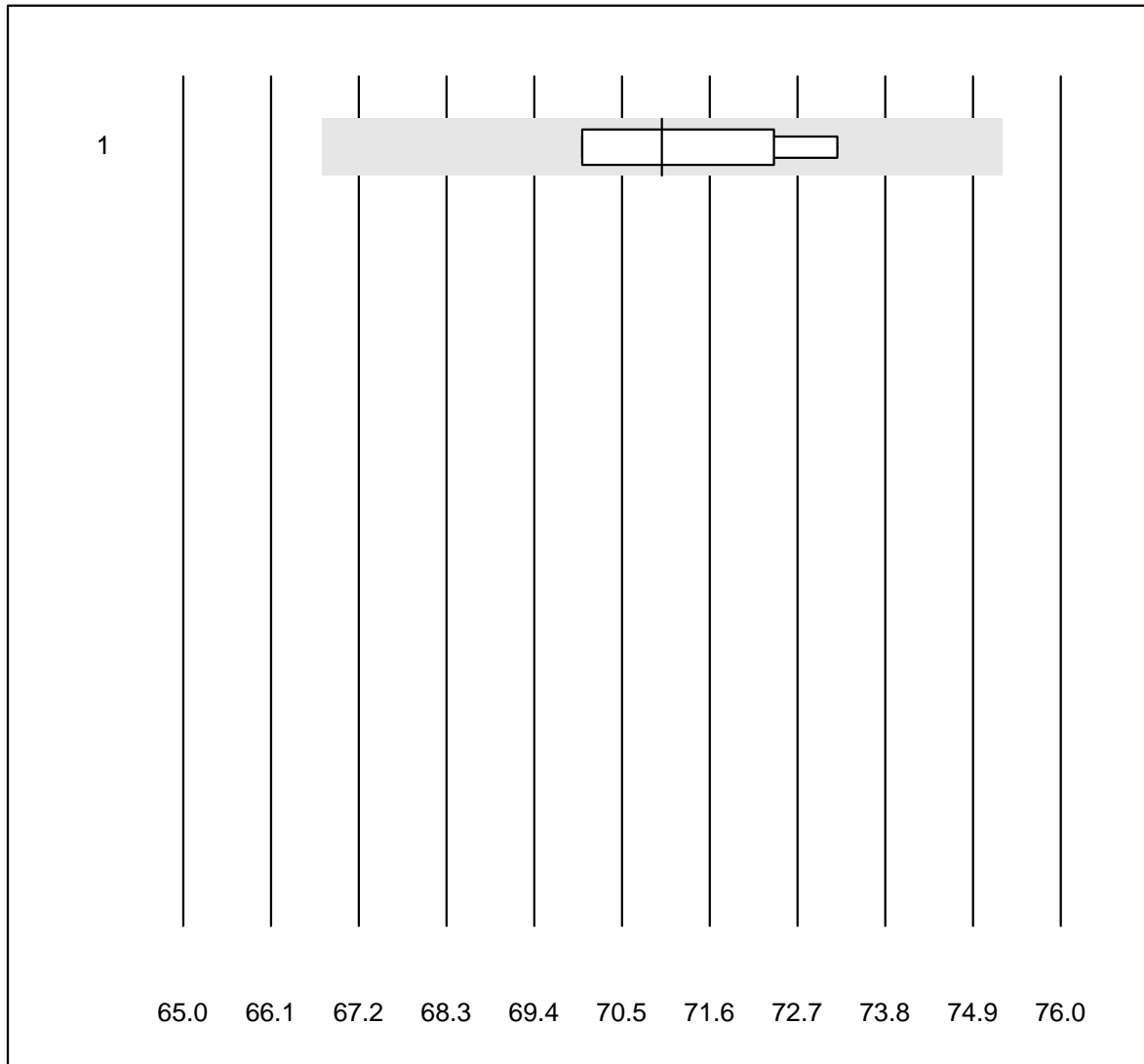


## Sodio BG



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	16	93.7	6.3	0.0	122.2	3.0	e*
2 iStat	21	100.0	0.0	0.0	124.4	0.6	e
3 EPOC	19	94.7	0.0	5.3	115.9	0.8	e

## Cloruro-BG

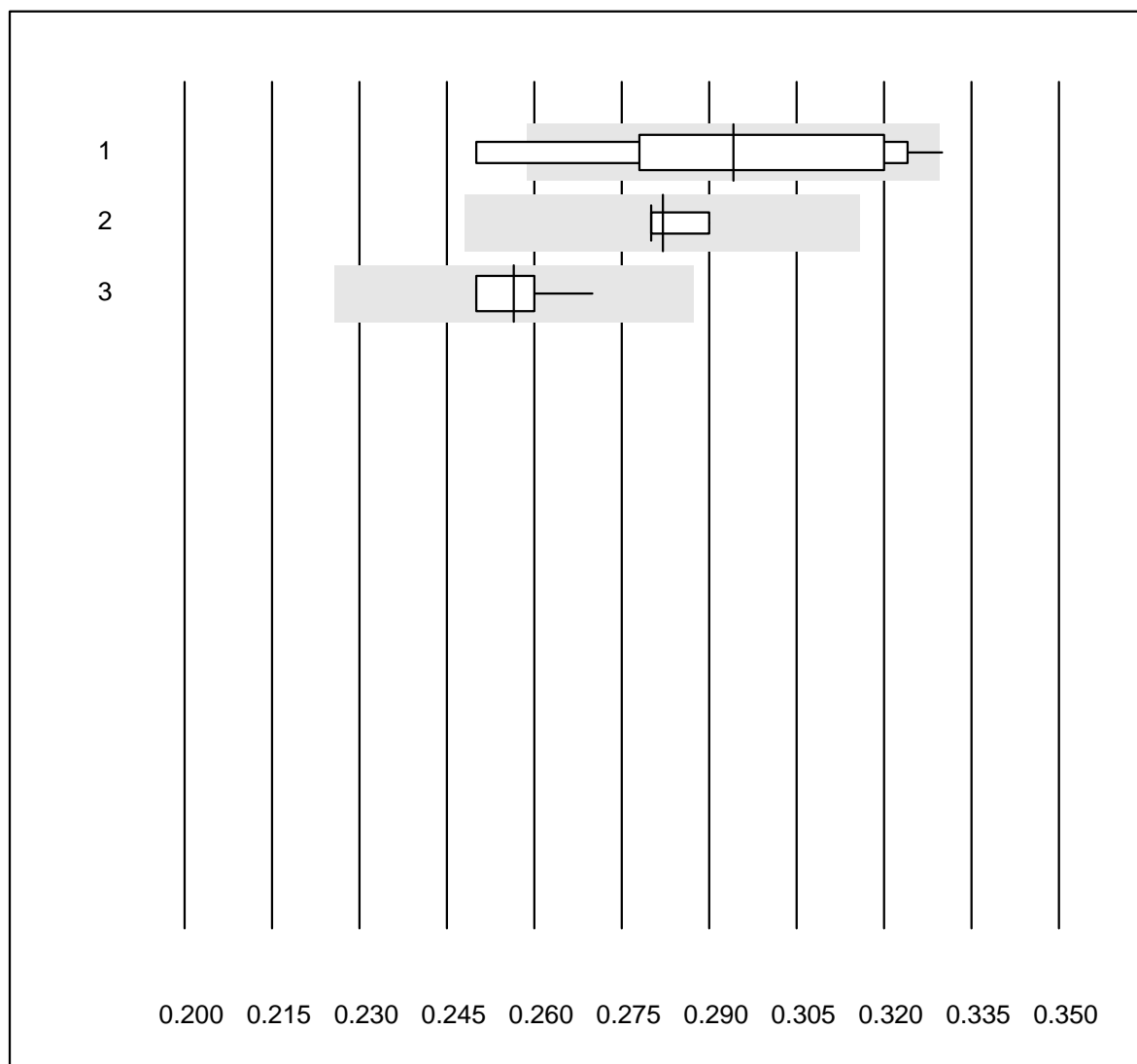


Tolleranza QUALAB : 6 %

Cloruro-BG (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	6	83.3	0.0	16.7	71.0	2.0	e*

## Calcio-BG

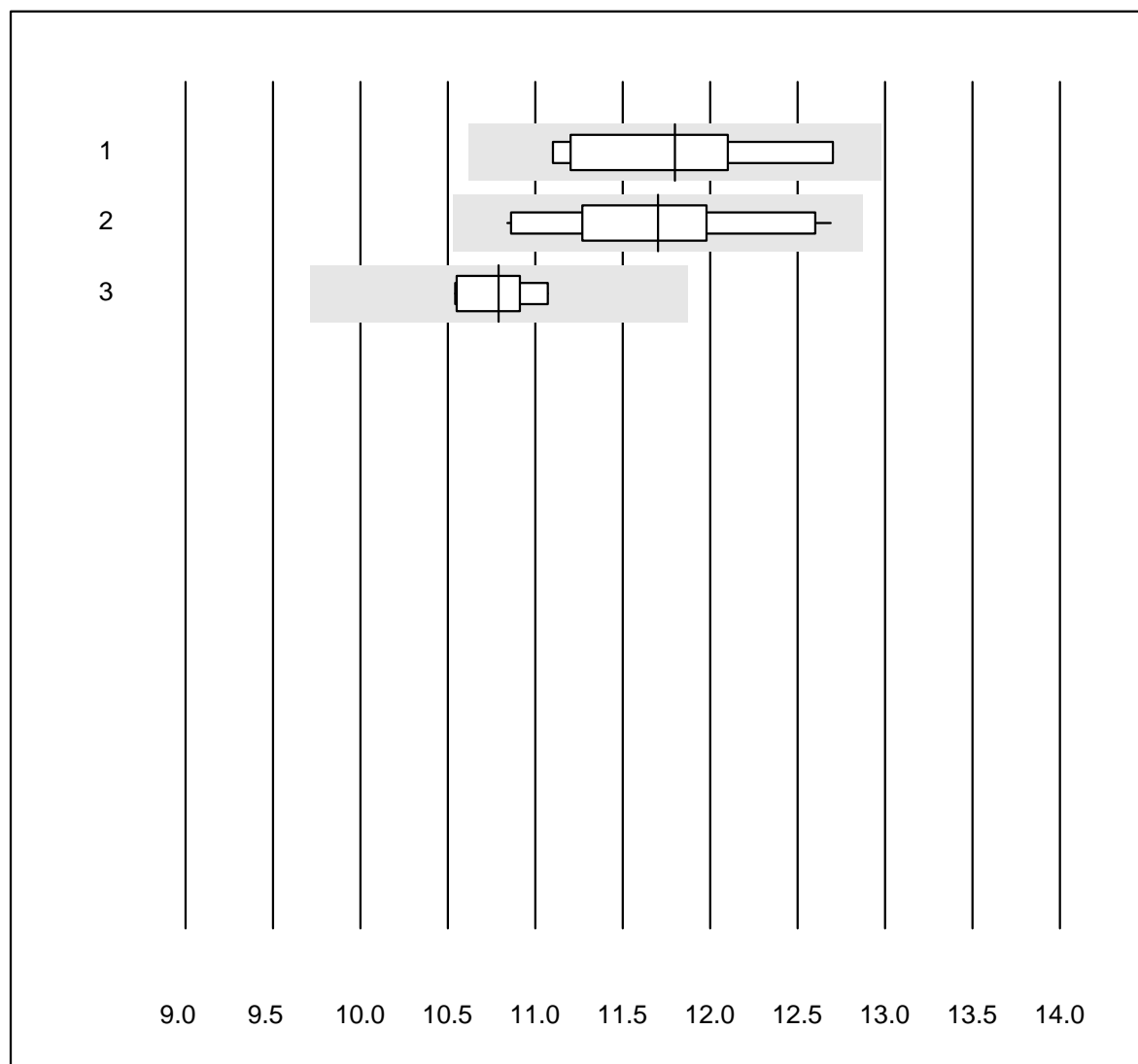


Tolleranza QUALAB : 12 %

Calcio-BG (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	10	80.0	20.0	0.0	0.29	8.7	e*
2 iStat	10	100.0	0.0	0.0	0.28	1.5	e
3 EPOC	18	94.4	0.0	5.6	0.26	2.4	e

## Lattato-BG

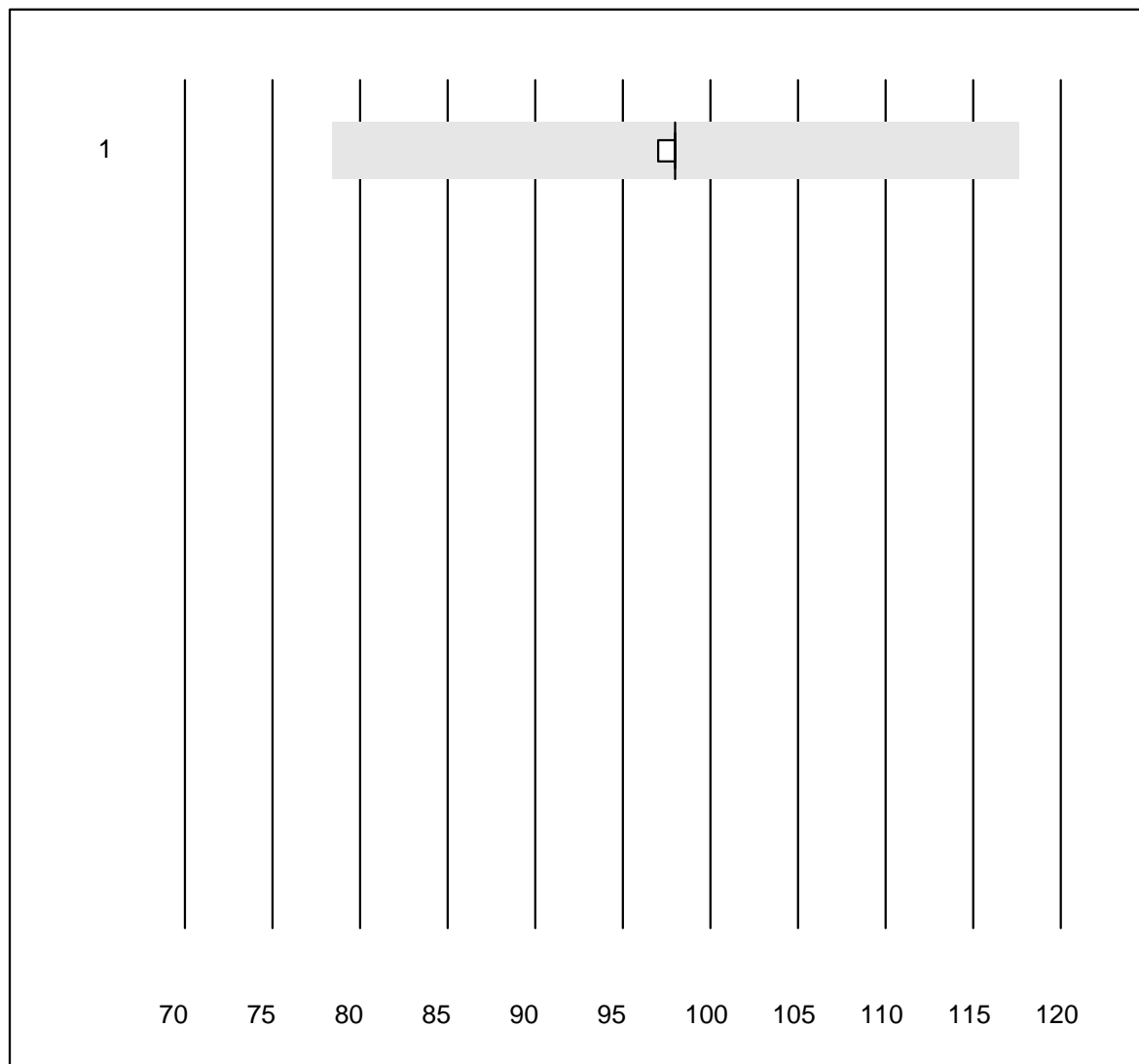


Tolleranza QUALAB : 10 %

Lattato-BG (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b121/123/221	6	83.3	0.0	16.7	11.80	5.7	e*
2 EPOC	20	95.0	0.0	5.0	11.70	4.8	e
3 iStat	8	100.0	0.0	0.0	10.79	1.7	e

## sO2

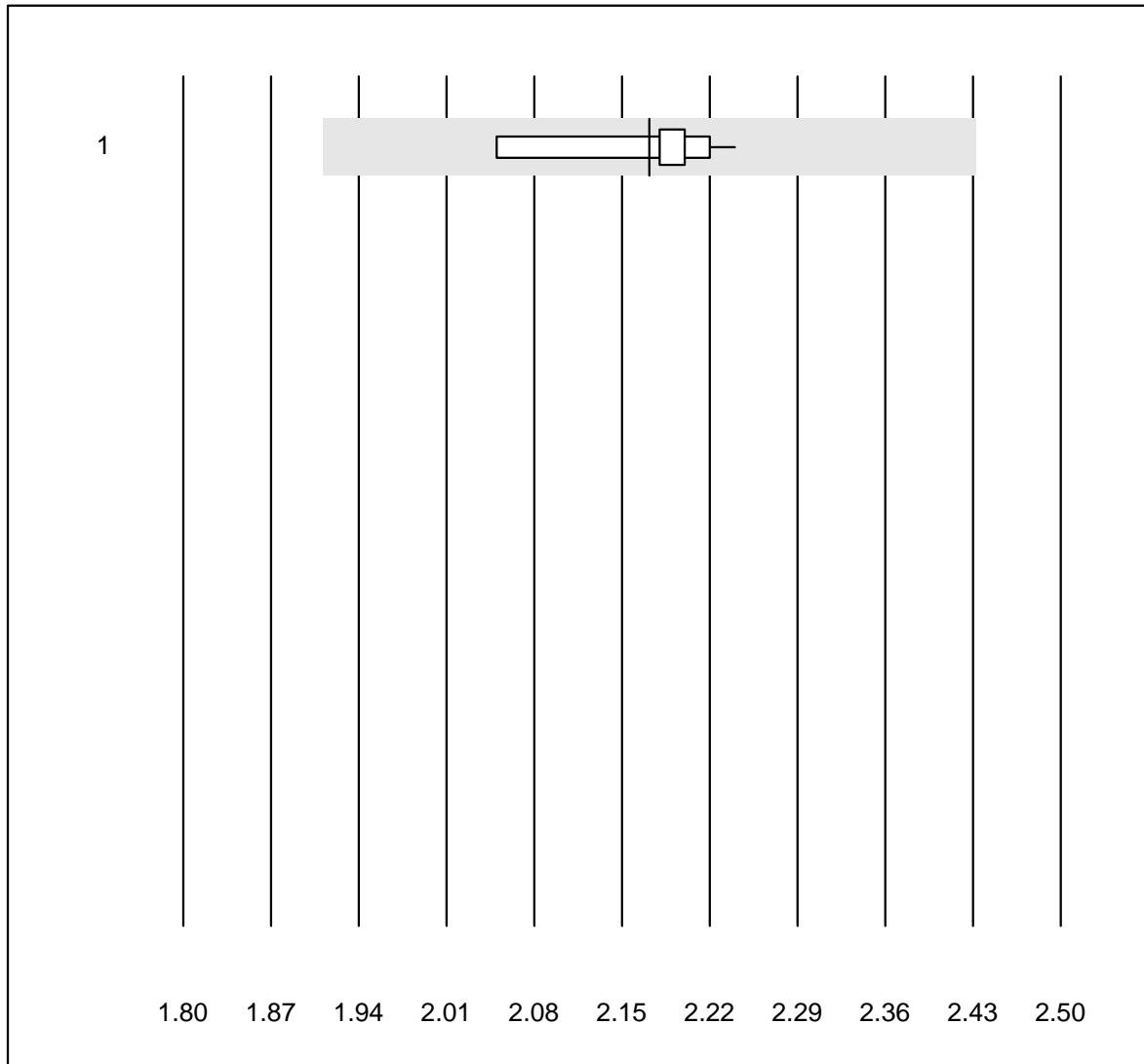


Tolleranza QUALAB : 20 %

sO2 (%)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 iStat	6	100.0	0.0	0.0	98.000	0.4	e

## Calcio - urine

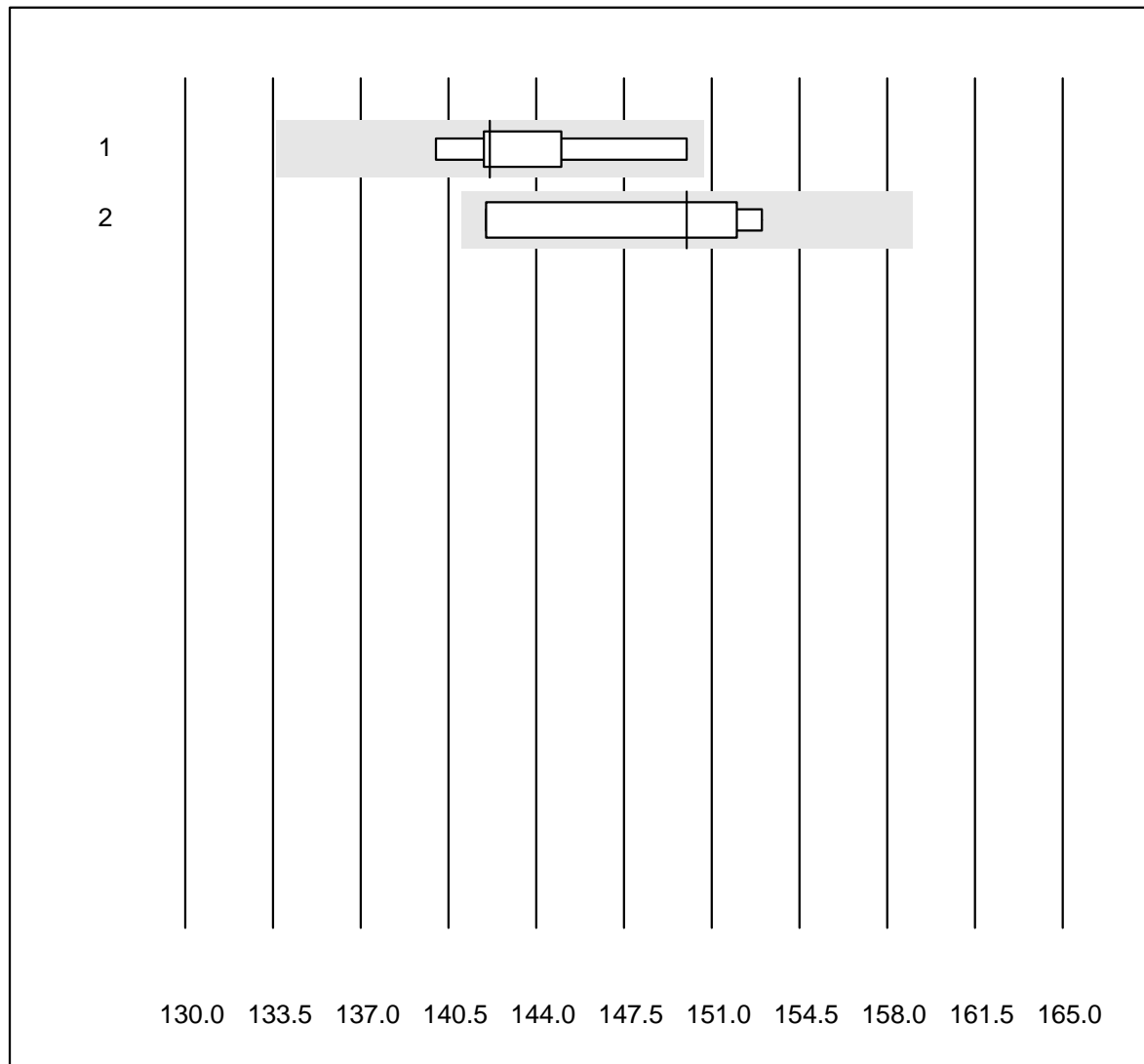


Tolleranza QUALAB : 12 %

Calcio - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	13	100.0	0.0	0.0	2.17	2.9	e

## Cloro - urine

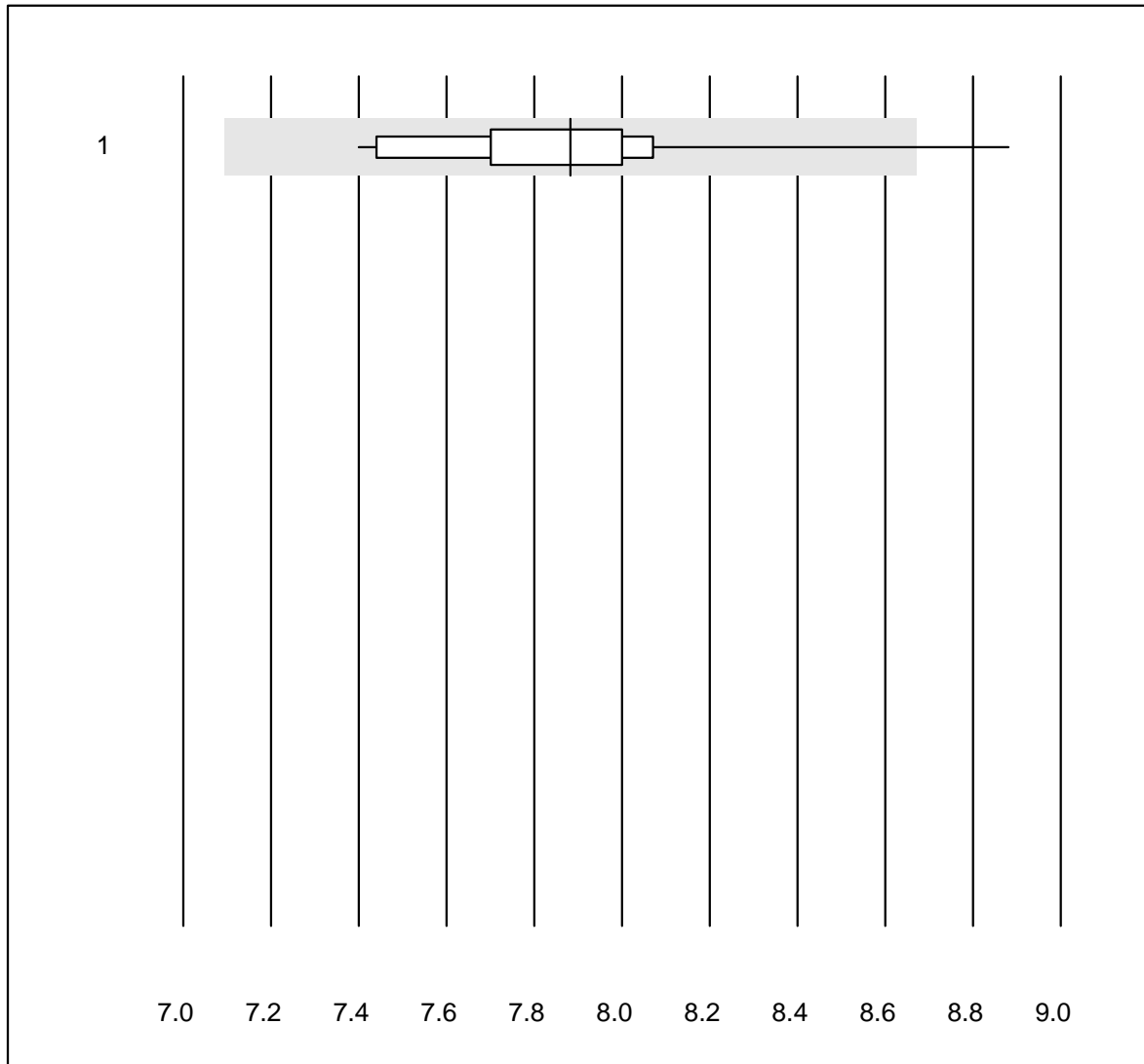


Tolleranza QUALAB : 6 %

Cloro - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	6	83.3	0.0	16.7	142	2.7	e*
2 ISE diretto	4	100.0	0.0	0.0	150	3.4	e*

## Glucosio - urine



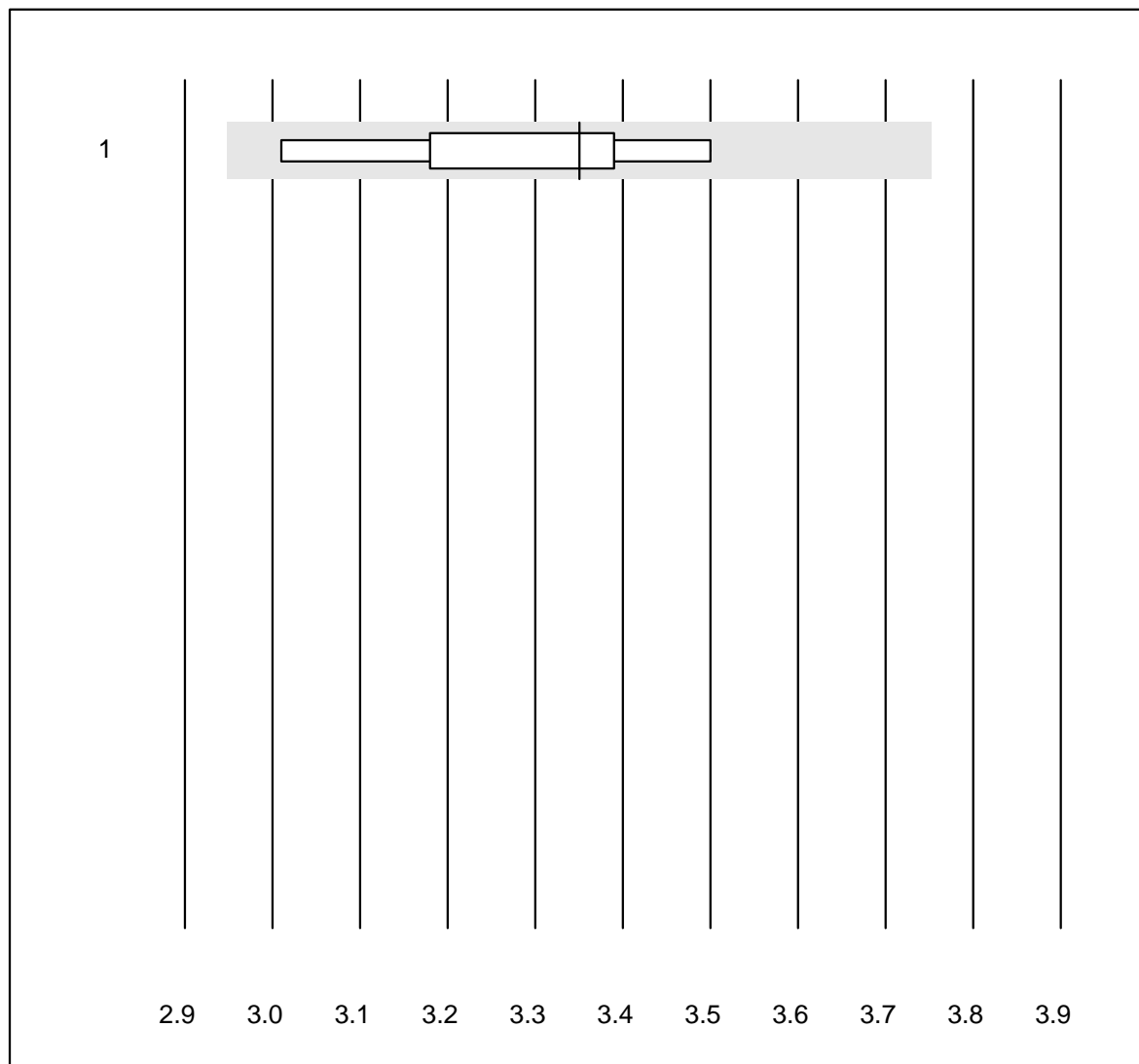
Tolleranza QUALAB : 10 %

Glucosio - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	13	92.3	7.7	0.0	7.9	4.6	e*



## Magnesio - urine

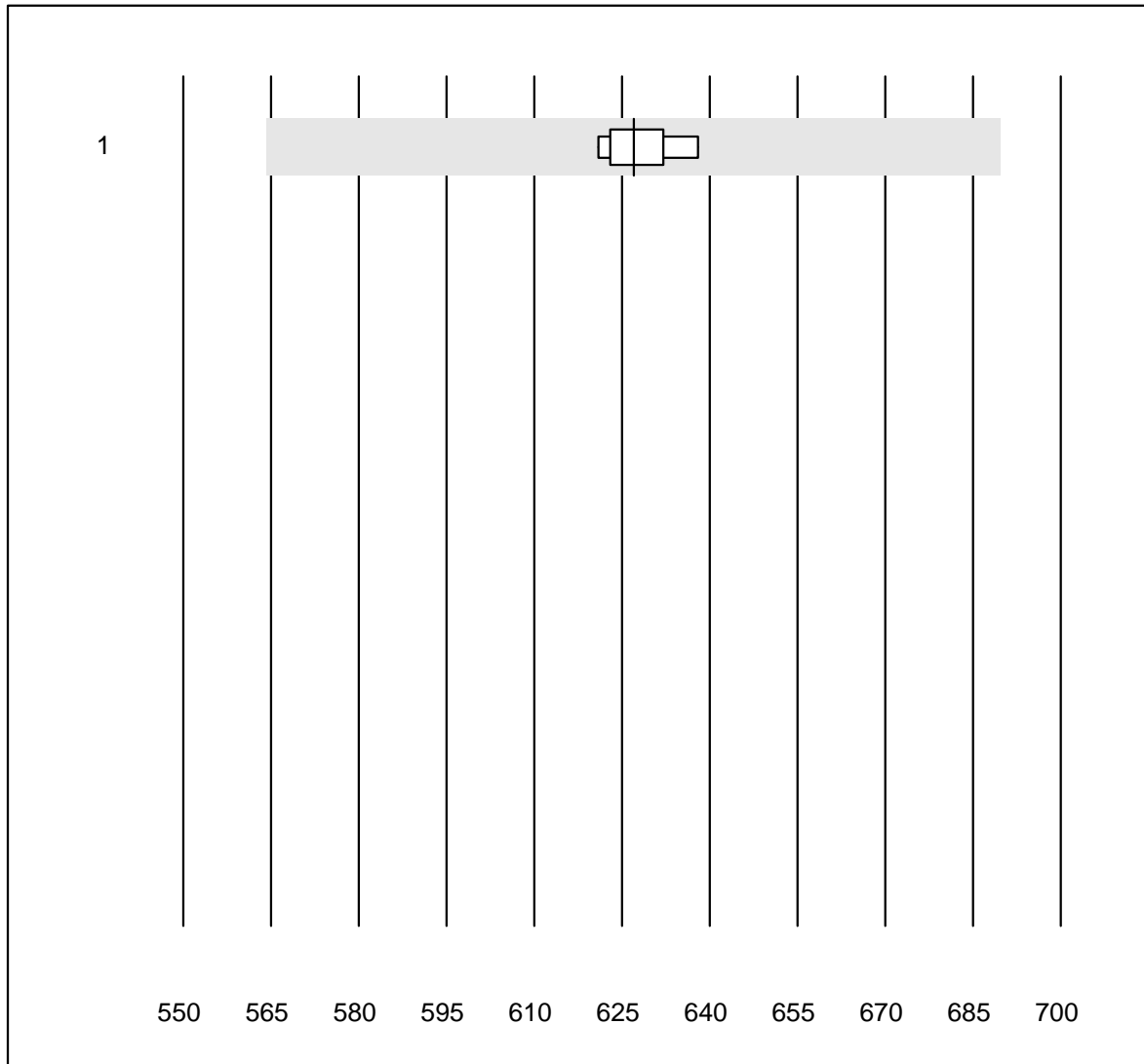


Tolleranza QUALAB : 12 %

Magnesio - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	8	100.0	0.0	0.0	3.4	4.6	e*

## Osmolalità - urine

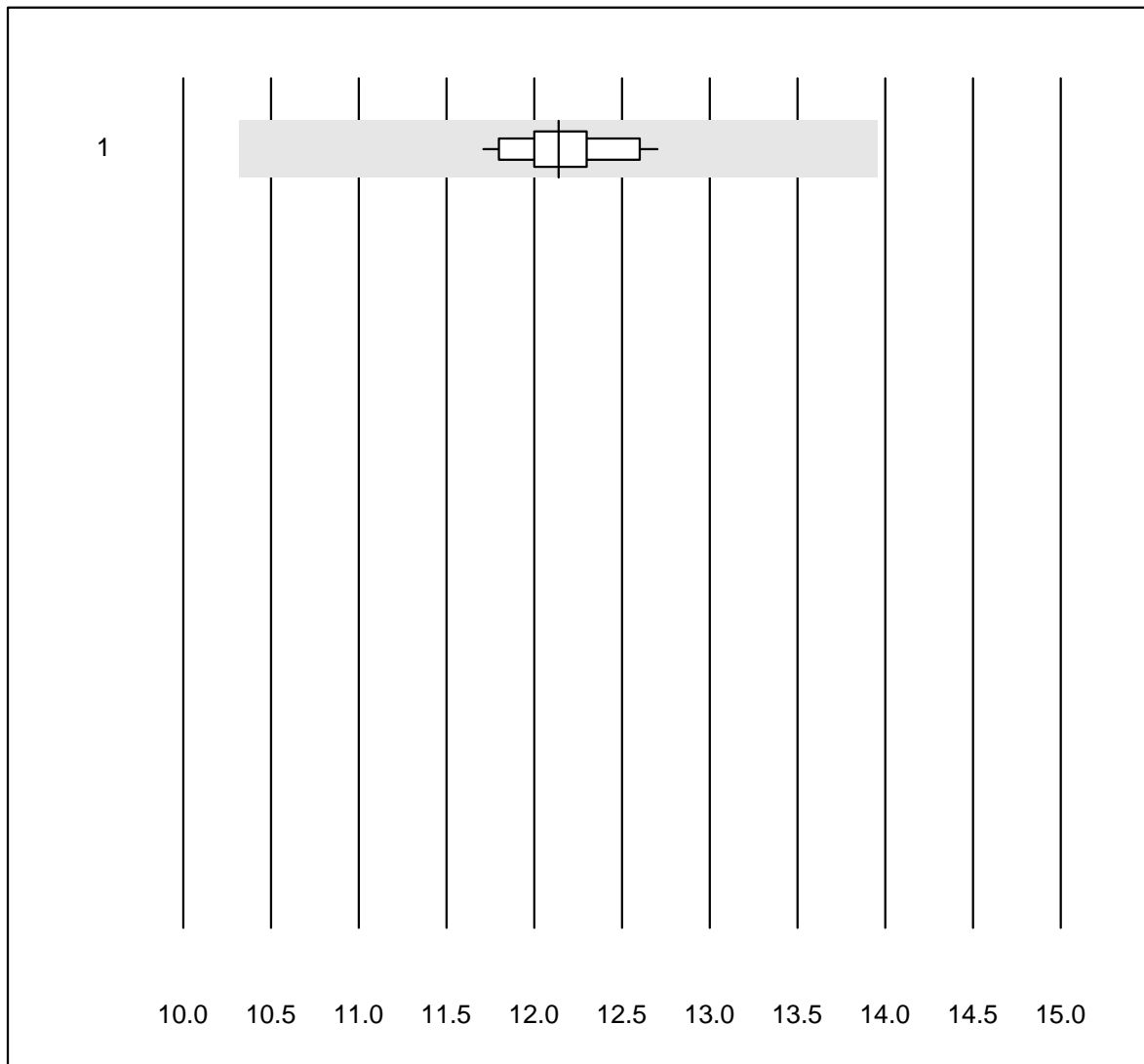


Tolleranza QUALAB : 10 %

Osmolalità - urine (mosm/kg)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cryoscopie	7	100.0	0.0	0.0	627	0.9	e

## Fosforo - urine

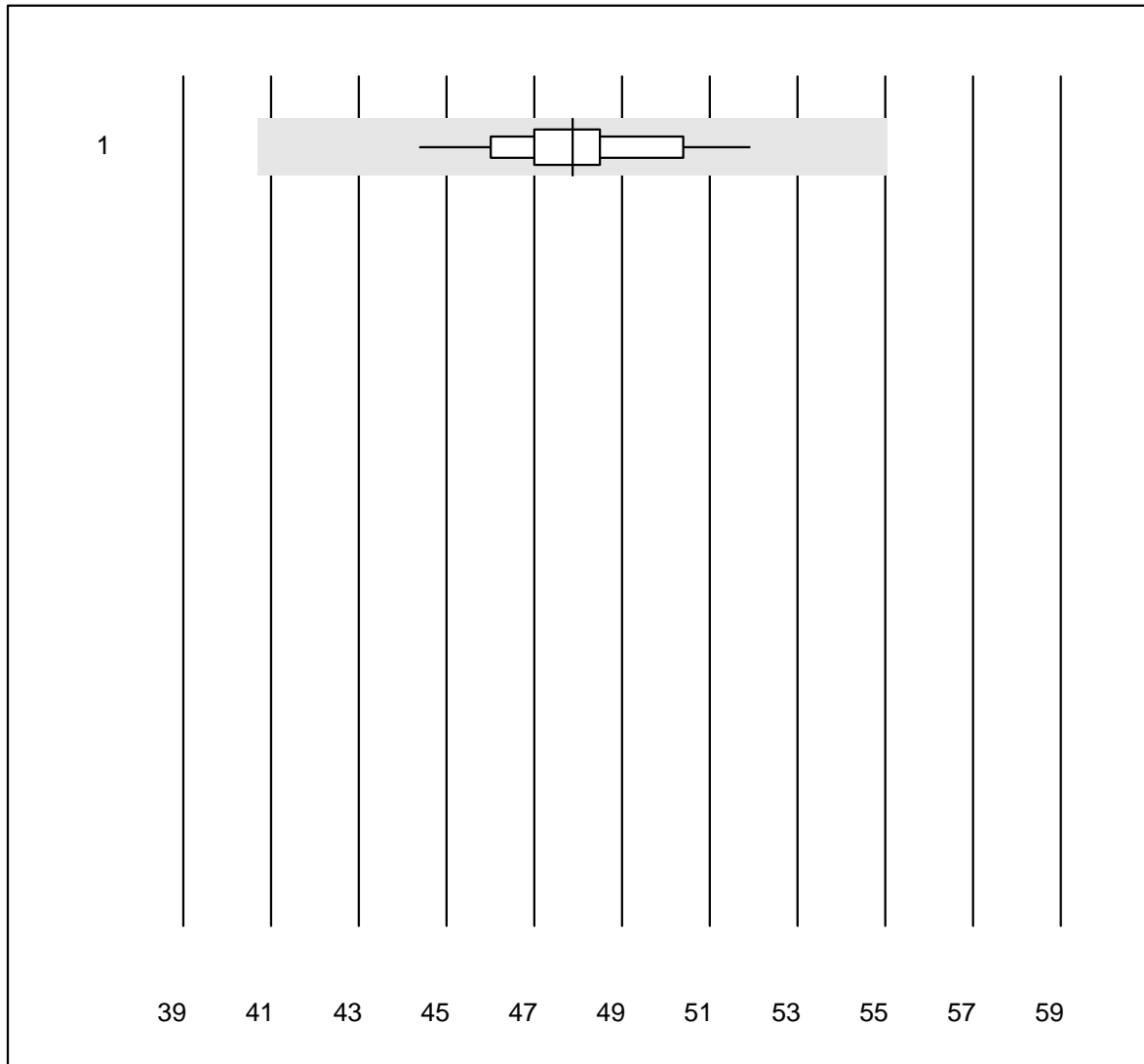


Tolleranza QUALAB : 15 %

Fosforo - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	13	100.0	0.0	0.0	12.1	2.4	e

## Potassio - urine

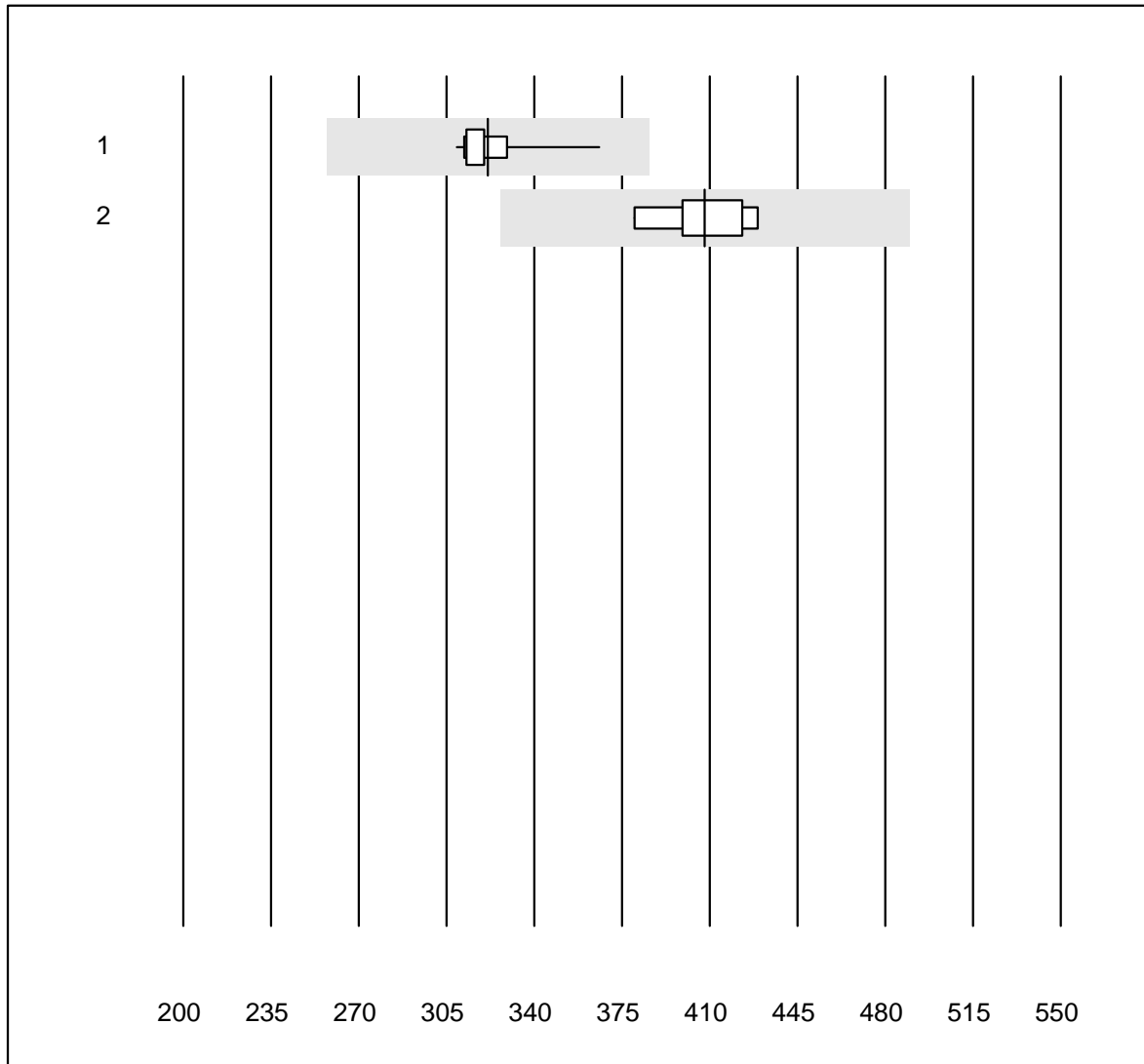


Tolleranza QUALAB : 15 %

Potassio - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	19	100.0	0.0	0.0	48	3.3	e

## Proteina - urina

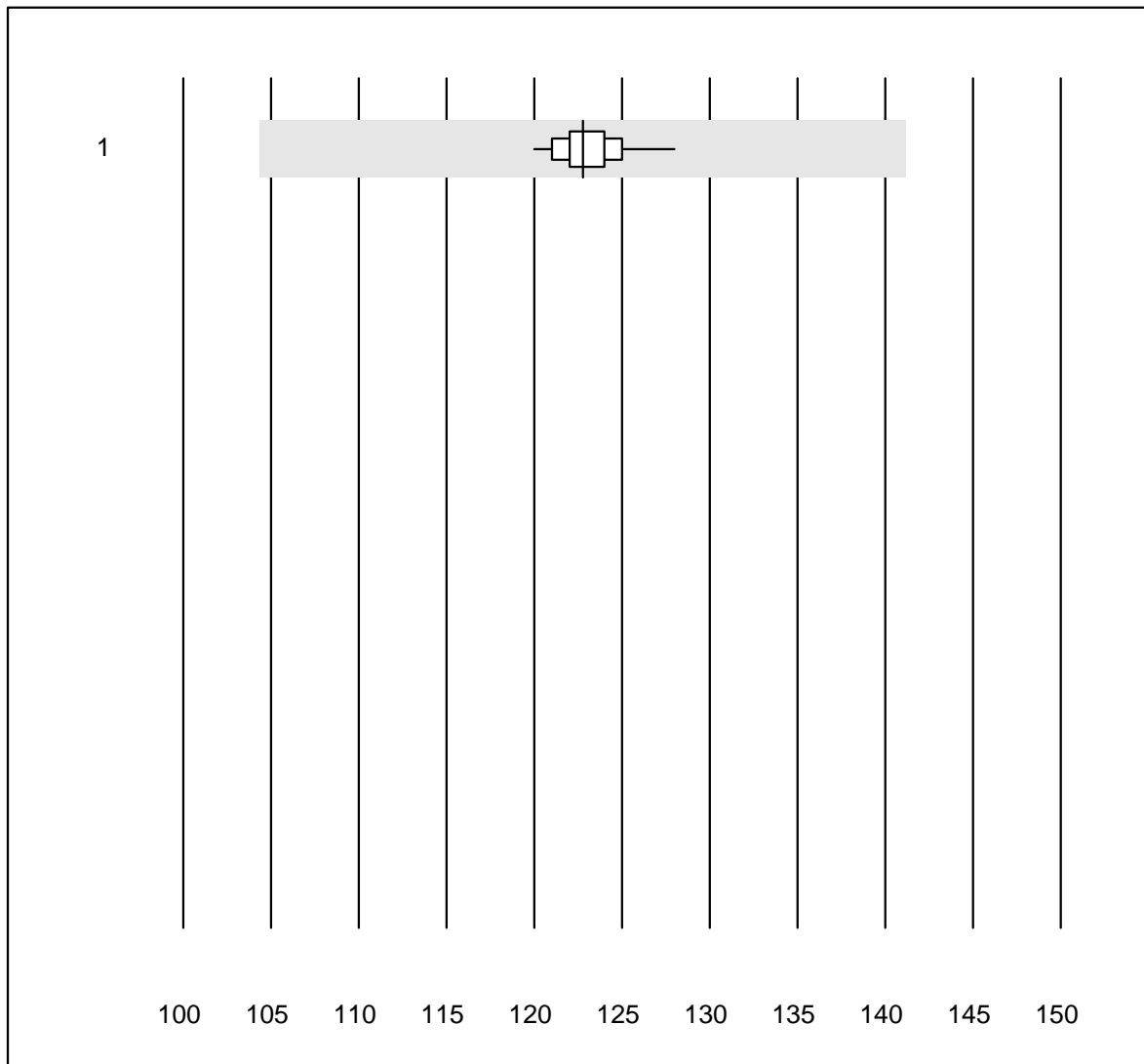


Tolleranza QUALAB : 20 %

Proteina - urina (mg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas/Roche	13	100.0	0.0	0.0	321.6	4.5	e
2 Chimica umida	5	100.0	0.0	0.0	408.0	4.8	e

## Sodio - urine

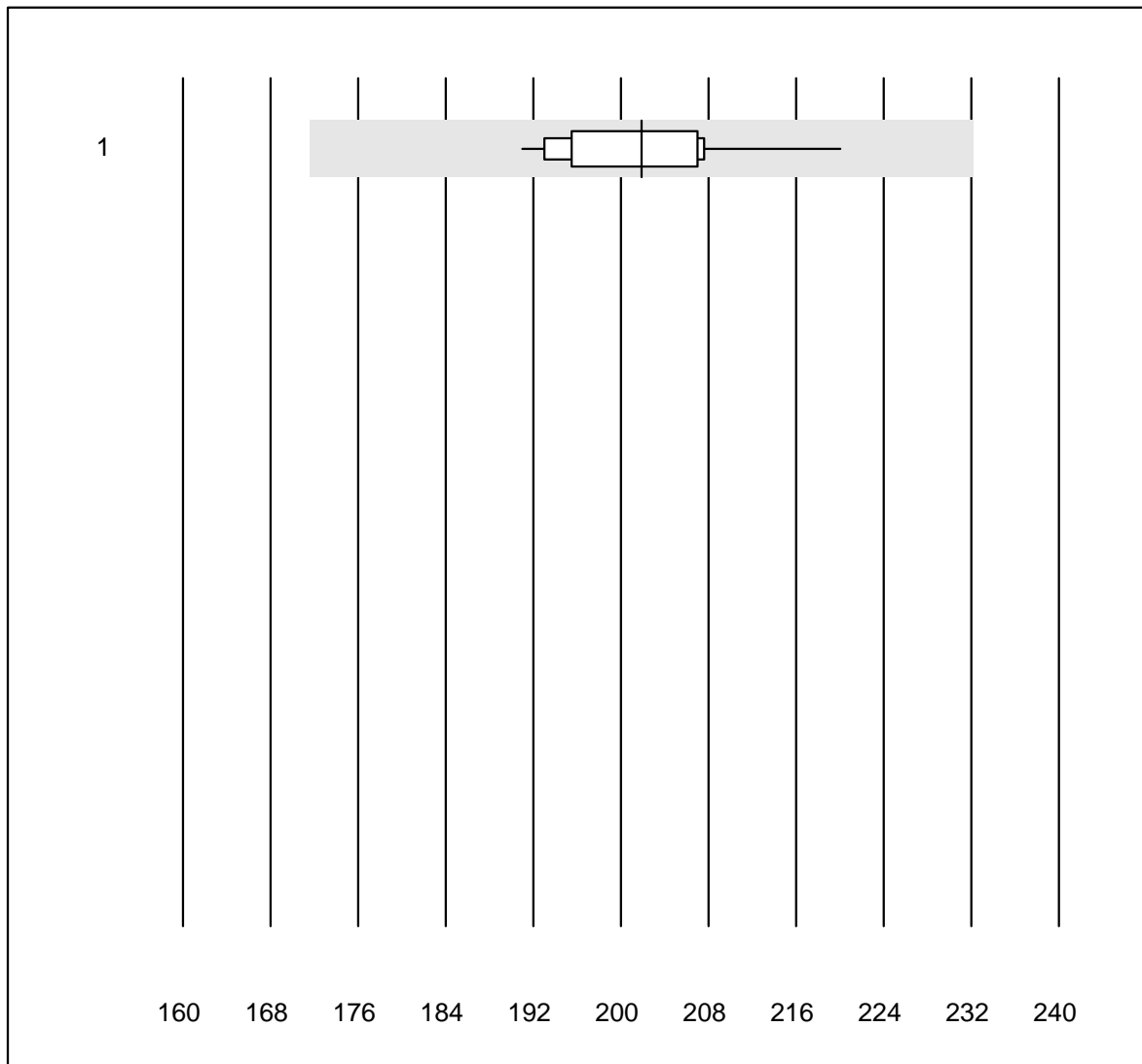


Tolleranza QUALAB : 15 %

Sodio - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	19	94.7	0.0	5.3	123	1.5	e

## Urea - urine

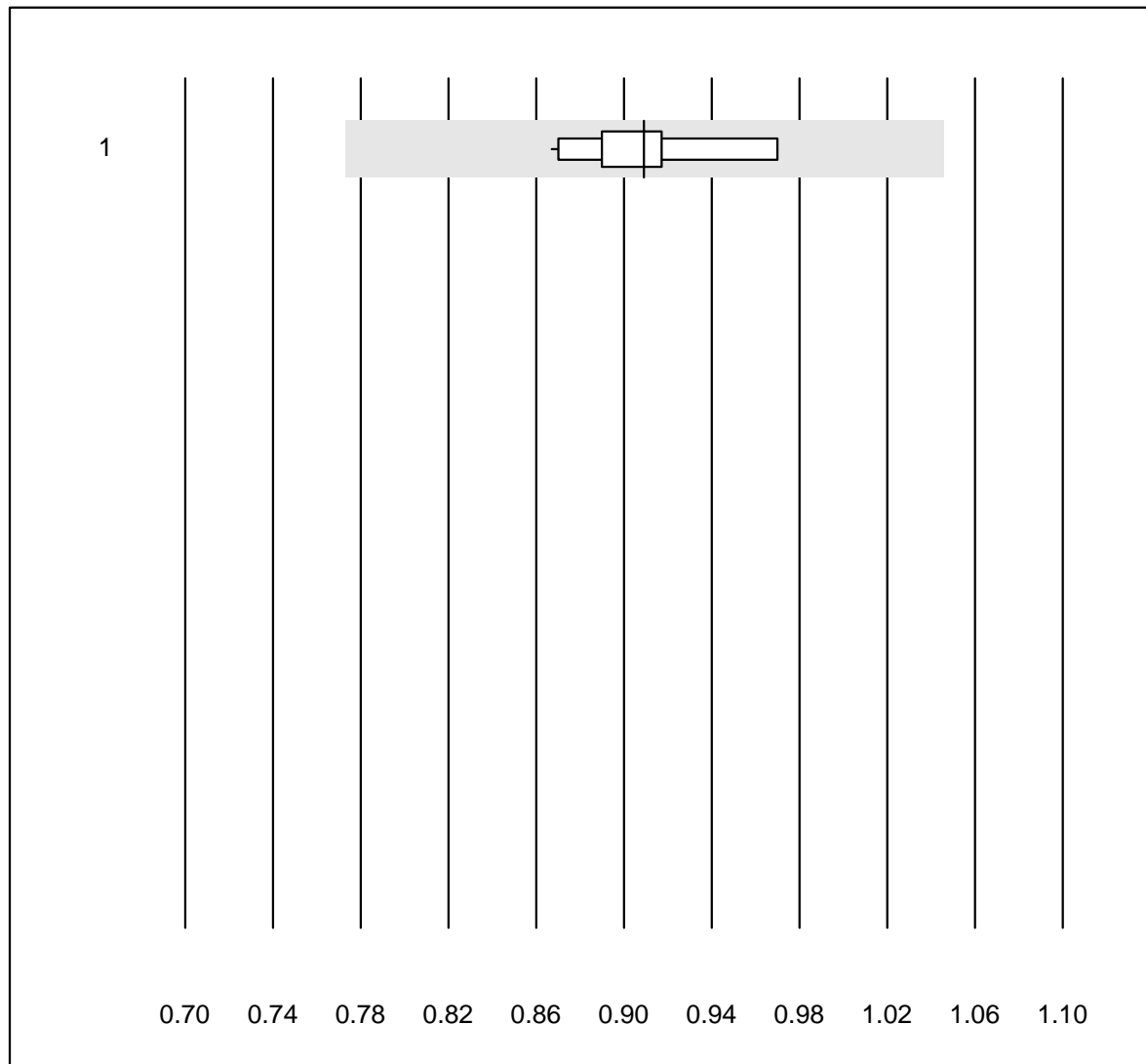


Tolleranza QUALAB : 15 %

Urea - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	14	100.0	0.0	0.0	202	3.7	e

## Acido urico - urine



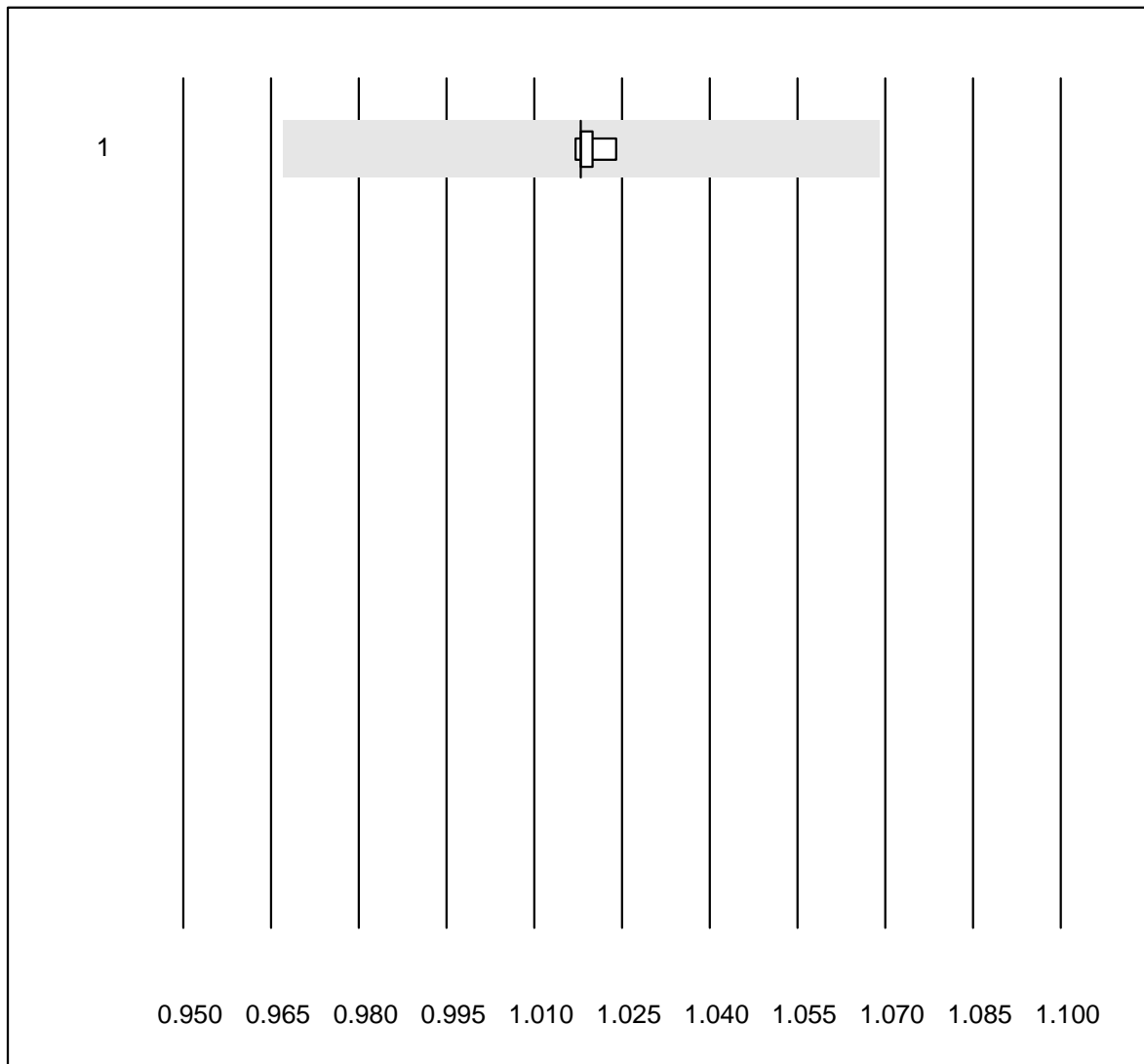
Tolleranza QUALAB : 15 %

Acido urico - urine (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	13	100.0	0.0	0.0	0.91	3.6	e



## Peso Specifico - urine

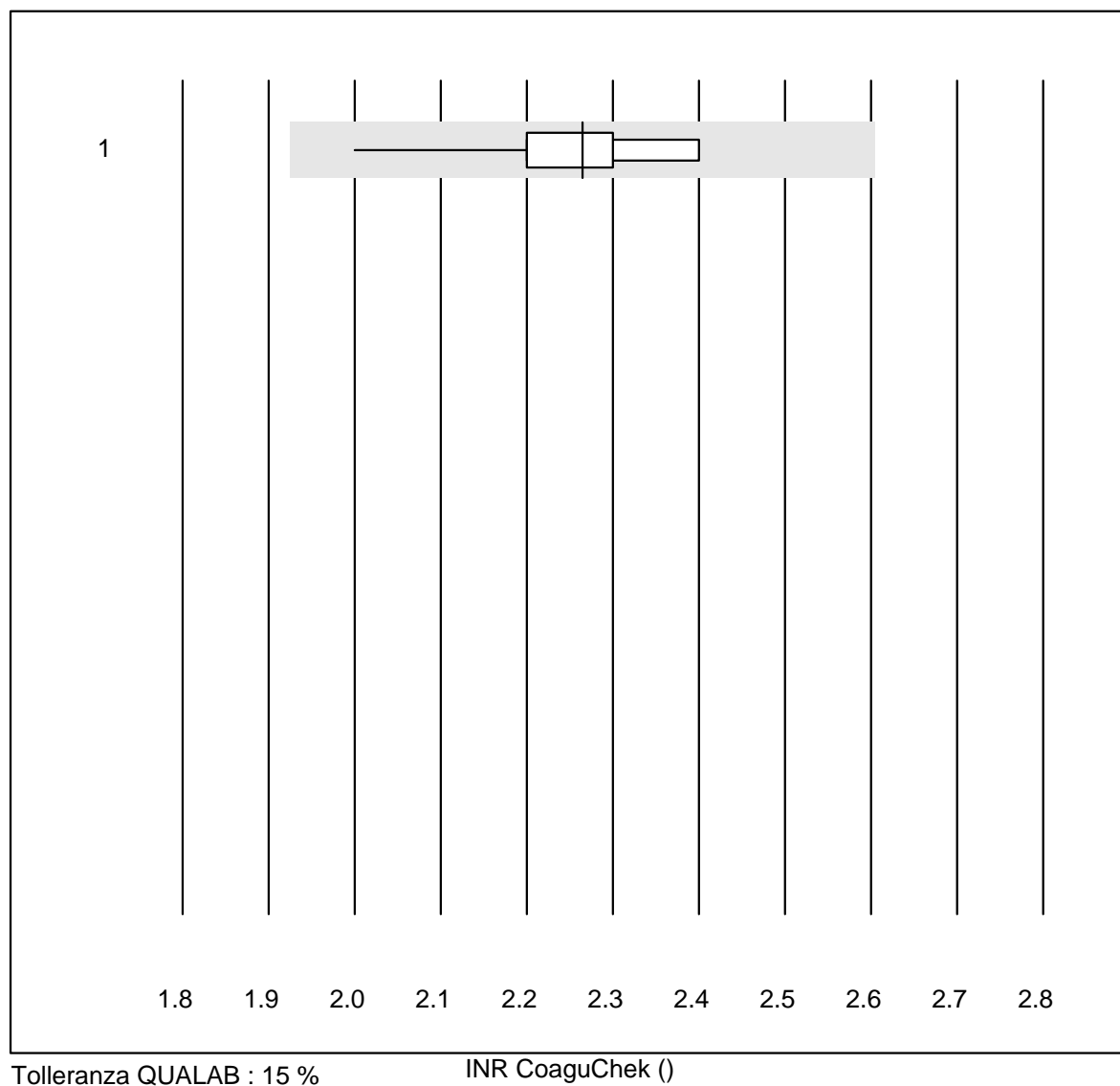


Tolleranza QUALAB : 5 %

Peso Specifico - urine ()

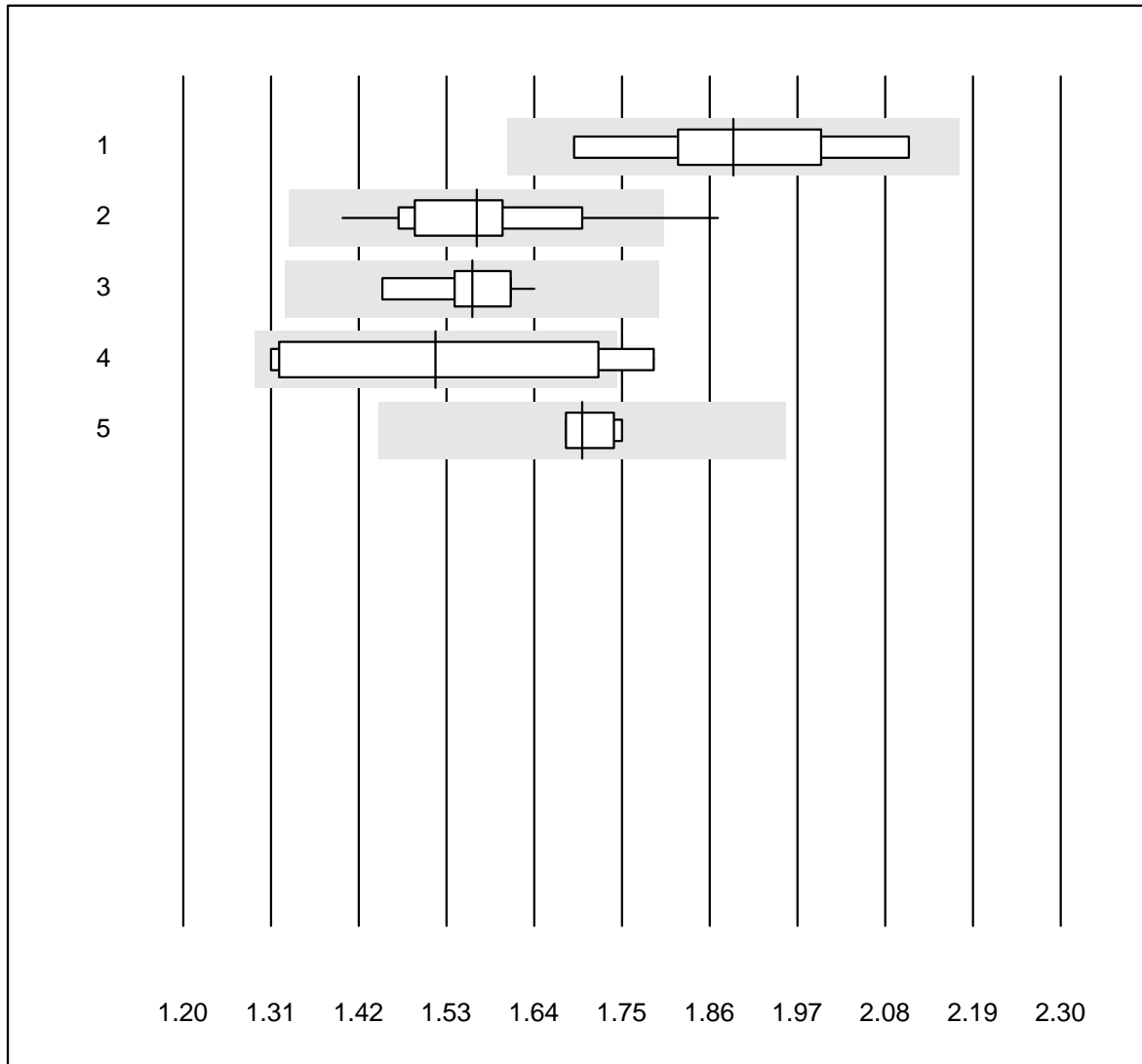
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Refraktometer	7	100.0	0.0	0.0	1.018	0.2	e

## INR CoaguChek



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 CoaguChek Pro II	15	93.3	0.0	6.7	2.3	4.5	e

## Quick OA

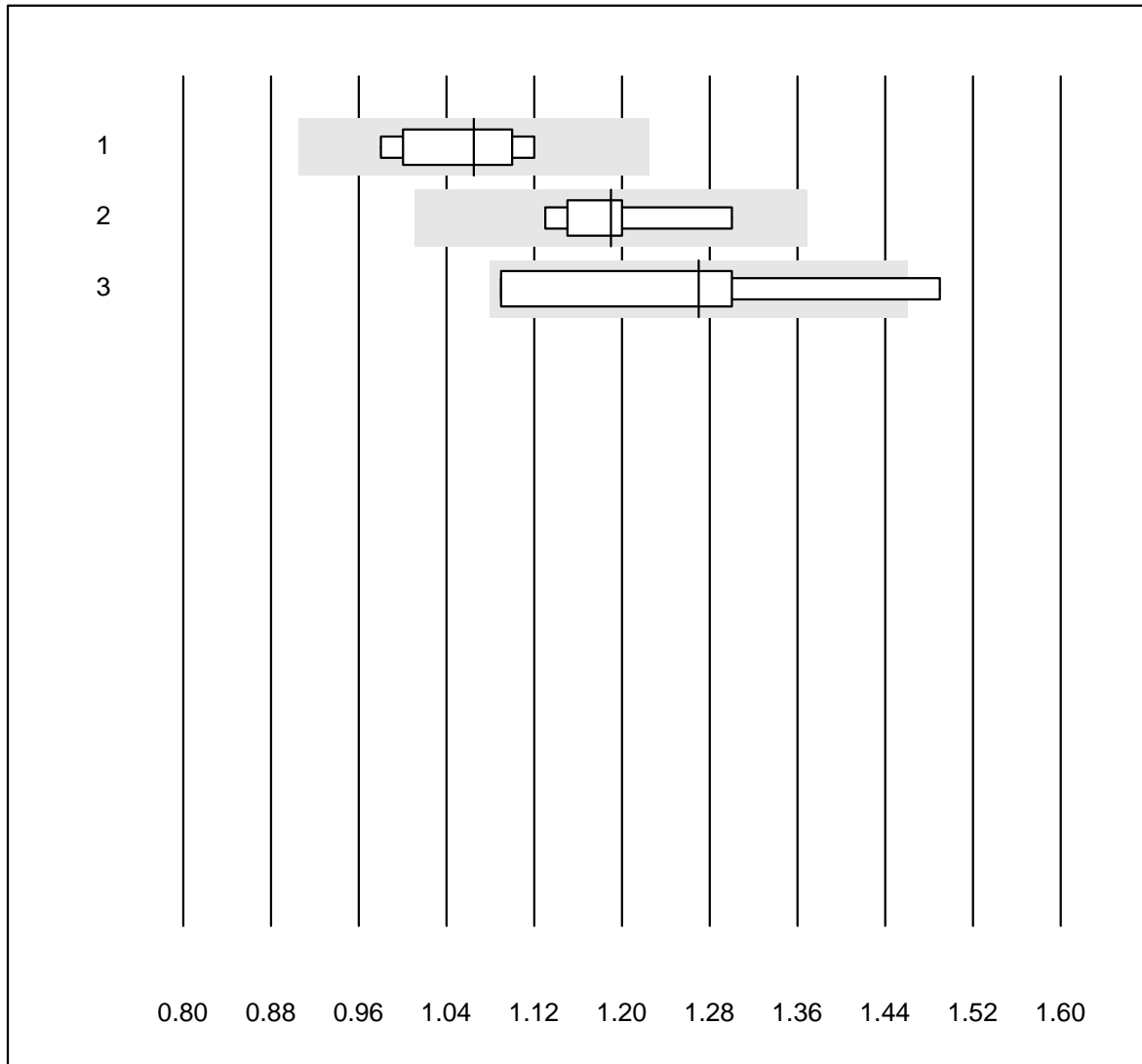


Tolleranza QUALAB : 15 %

Quick OA ()

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Neoplastin Plus	6	100.0	0.0	0.0	1.89	7.6	e*
2 Innovin	17	94.1	5.9	0.0	1.57	7.0	e
3 Recombiplastin 2G	10	100.0	0.0	0.0	1.56	3.7	e
4 Eurolyser	6	83.3	16.7	0.0	1.52	13.8	a
5 Neoplastin R	7	100.0	0.0	0.0	1.70	1.7	e

## Fibrinogeno OA

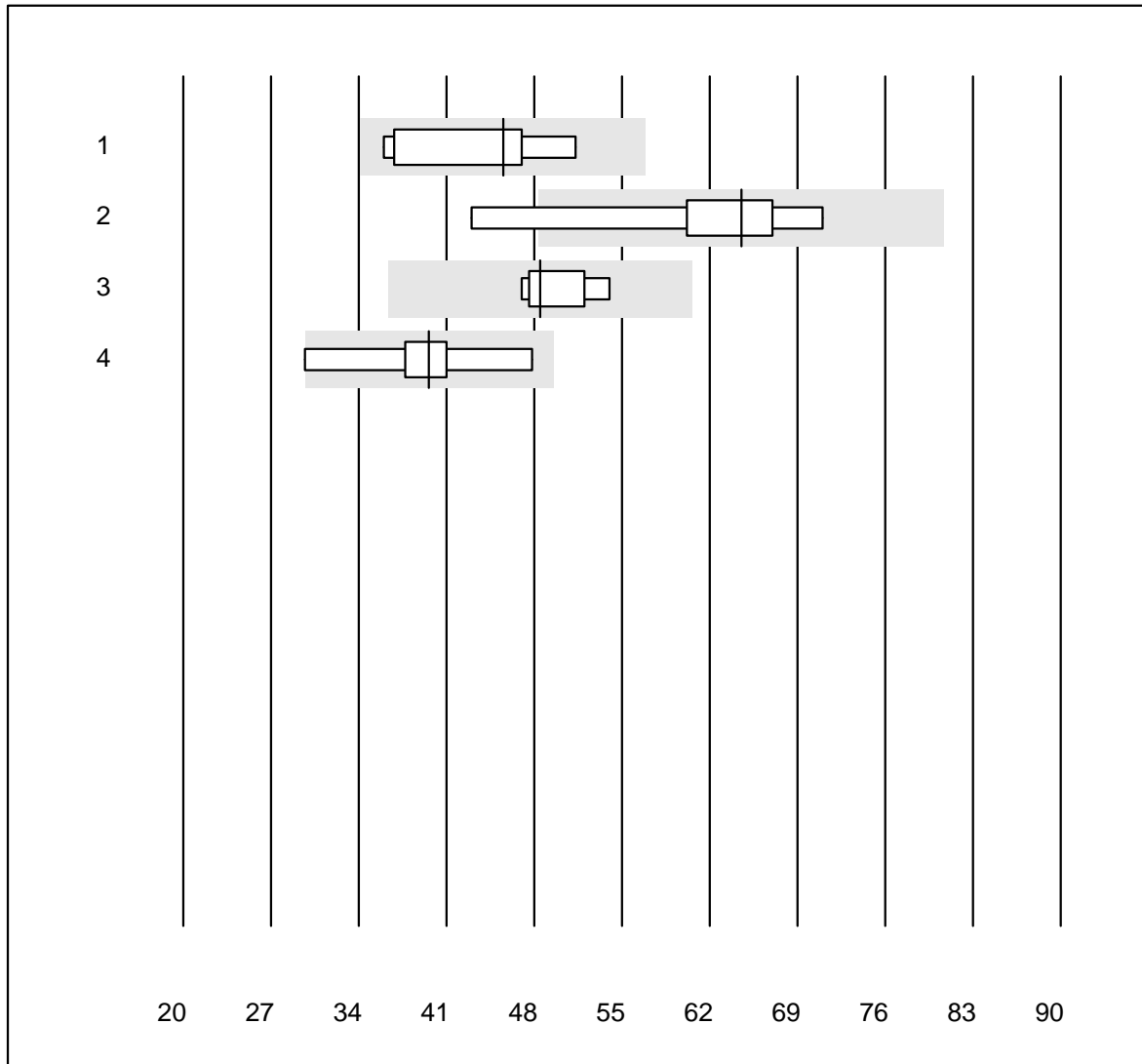


Tolleranza QUALAB : 15 %

Fibrinogeno OA (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Siemens Thrombin	6	100.0	0.0	0.0	1.07	5.6	e*
2 Stago/STA	9	100.0	0.0	0.0	1.19	5.0	e
3 Fibrinogen Q.F.A.	4	75.0	25.0	0.0	1.27	12.6	a

## aPTT OA

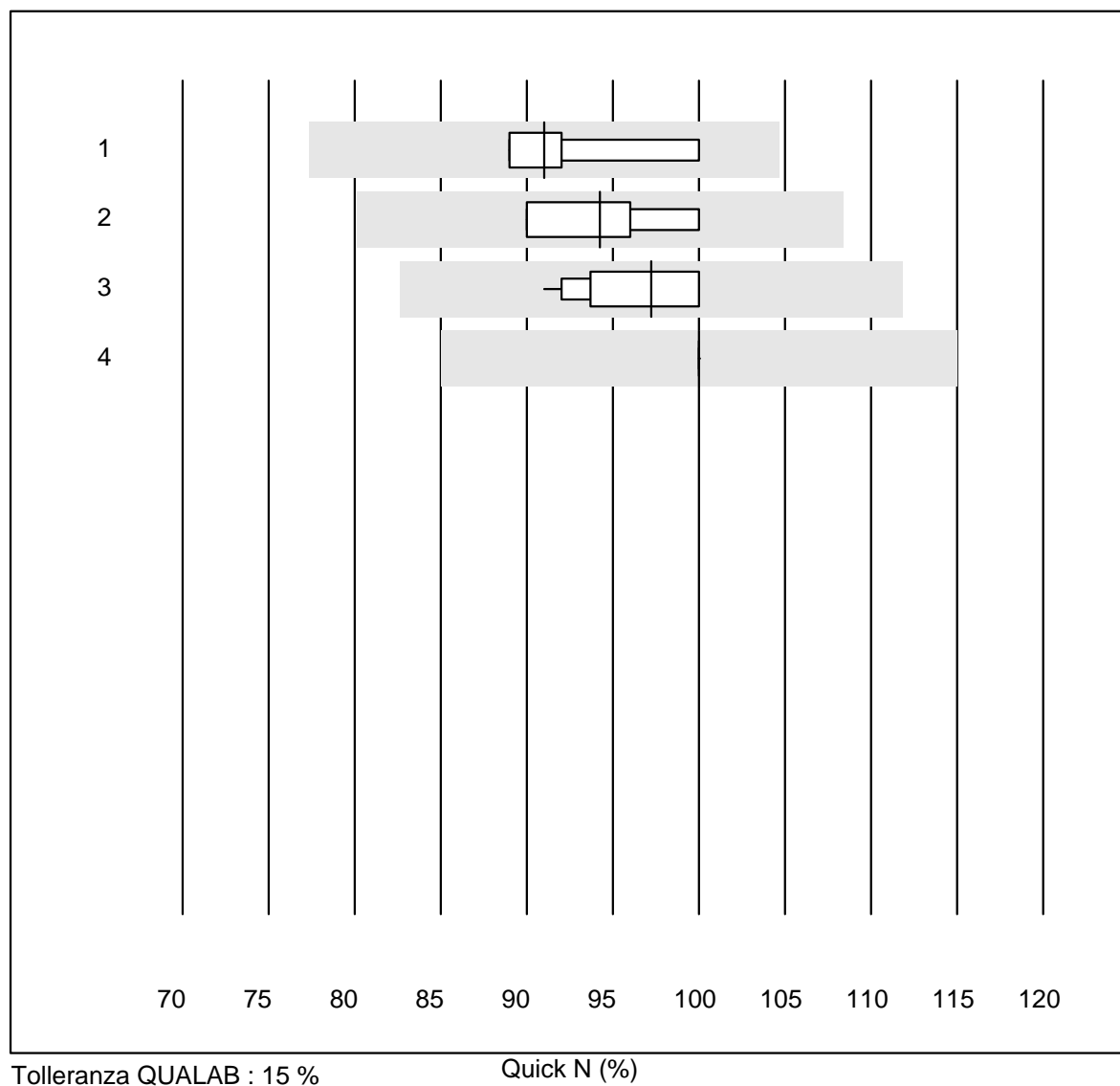


Tolleranza QUALAB : 25 %

aPTT OA (Sek)

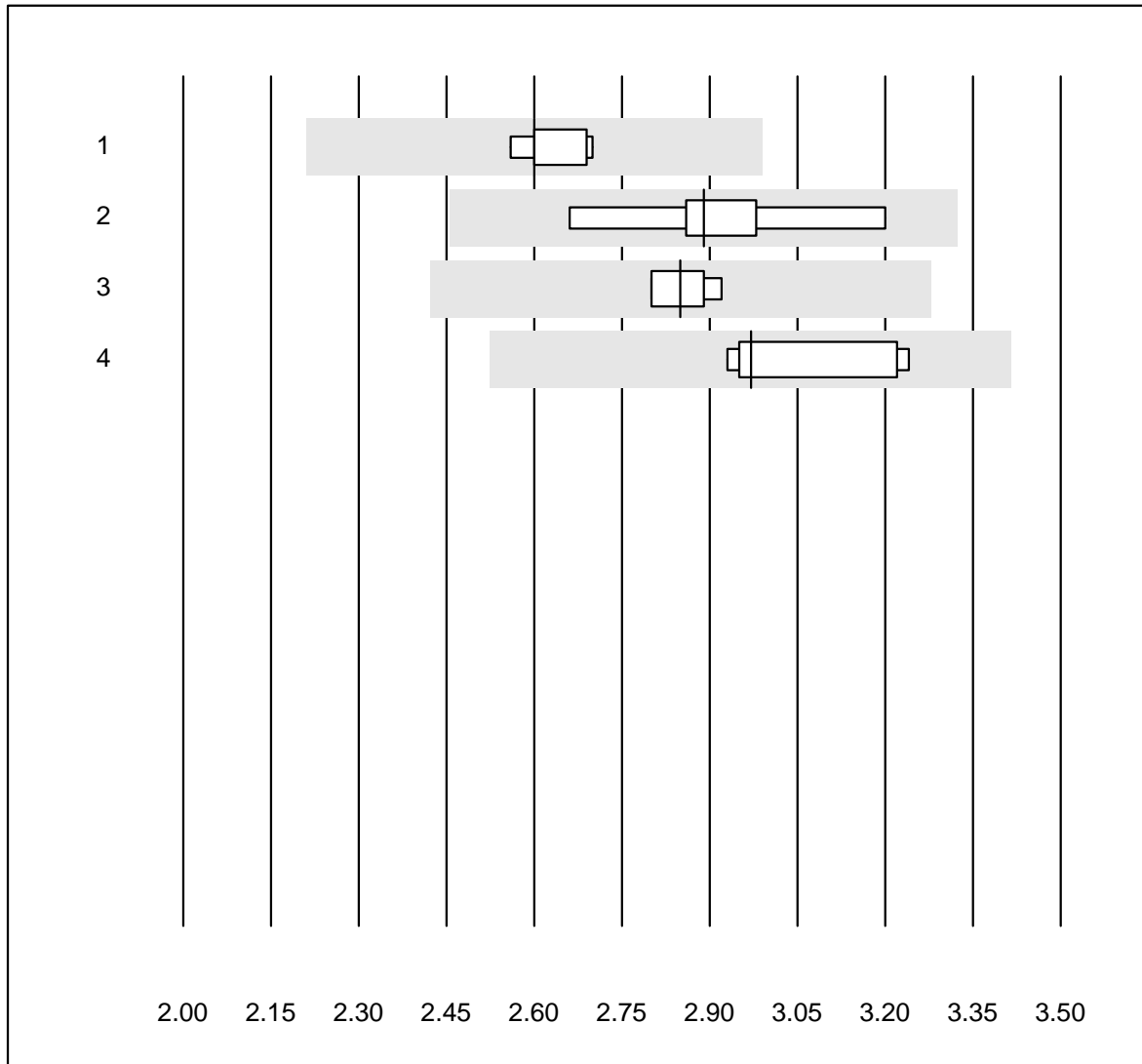
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Actin FS	8	100.0	0.0	0.0	45.5	12.1	e*
2 Pathromtin SL	5	80.0	20.0	0.0	64.5	17.8	e*
3 Stago/STA	6	100.0	0.0	0.0	48.5	5.6	e
4 aPTT-SP	8	87.5	12.5	0.0	39.6	13.2	e*

## Quick N



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Neoplastin R	4	100.0	0.0	0.0	91	5.4	e*
2 Neoplastin Plus	4	100.0	0.0	0.0	94	4.6	e*
3 Innovin	11	100.0	0.0	0.0	97	3.8	e
4 Recombiplastin 2G	11	100.0	0.0	0.0	100	0.0	e

## Fibrinogeno N

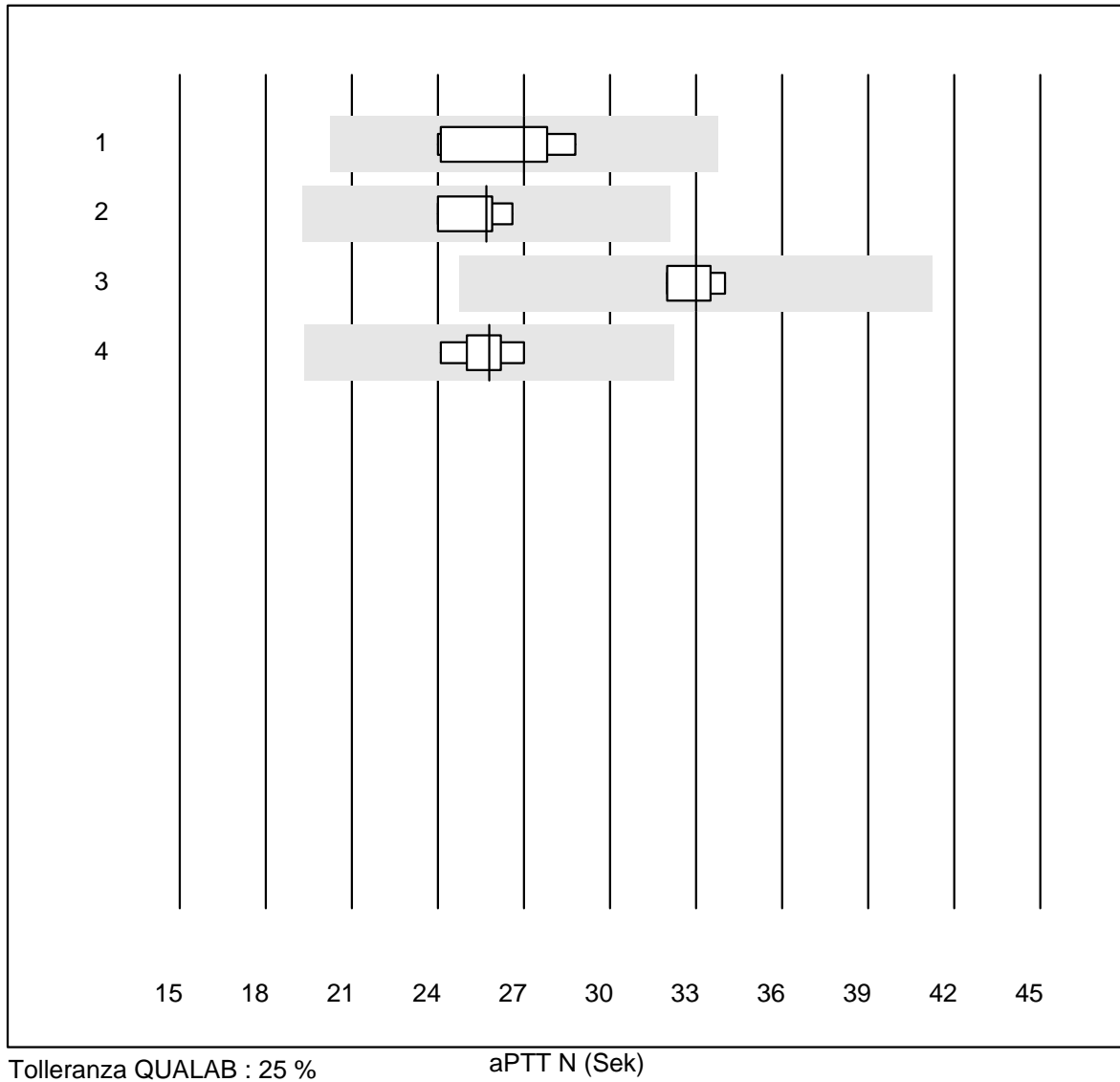


Tolleranza QUALAB : 15 %

Fibrinogeno N (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Siemens Thrombin	7	100.0	0.0	0.0	2.60	2.1	e
2 Stago/STA	9	100.0	0.0	0.0	2.89	5.3	e
3 Fibrinogen Q.F.A.	4	100.0	0.0	0.0	2.85	2.1	e
4 Fib Clauss (IL)	5	100.0	0.0	0.0	2.97	5.0	e*

## aPTT N



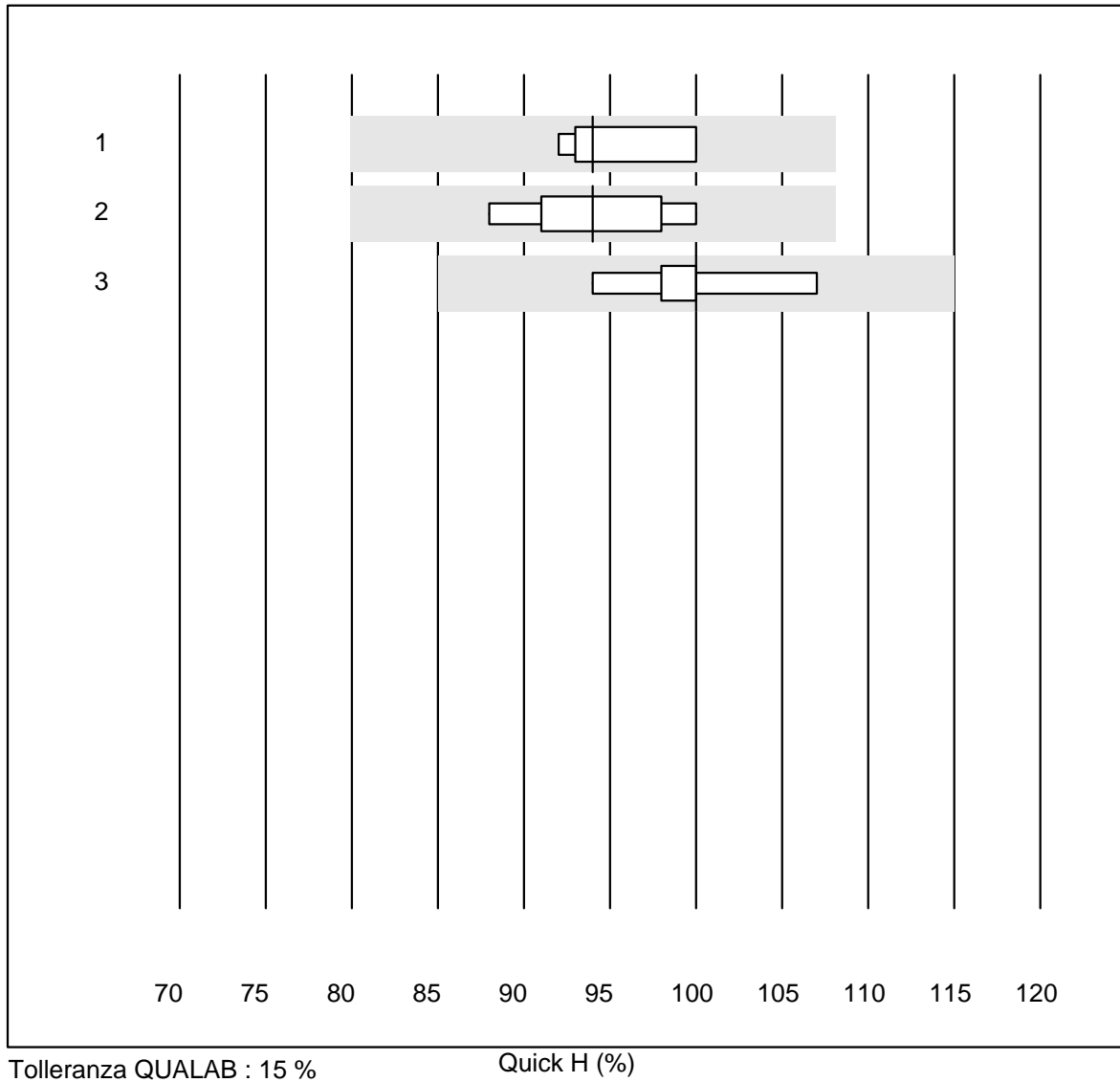
Tolleranza QUALAB : 25 %

aPTT N (Sek)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Actin FS	7	100.0	0.0	0.0	27.0	7.4	e
2 altro	4	100.0	0.0	0.0	25.7	4.3	e
3 Stago/STA	7	100.0	0.0	0.0	33.0	2.5	e
4 aPTT-SP	9	100.0	0.0	0.0	25.8	3.4	e

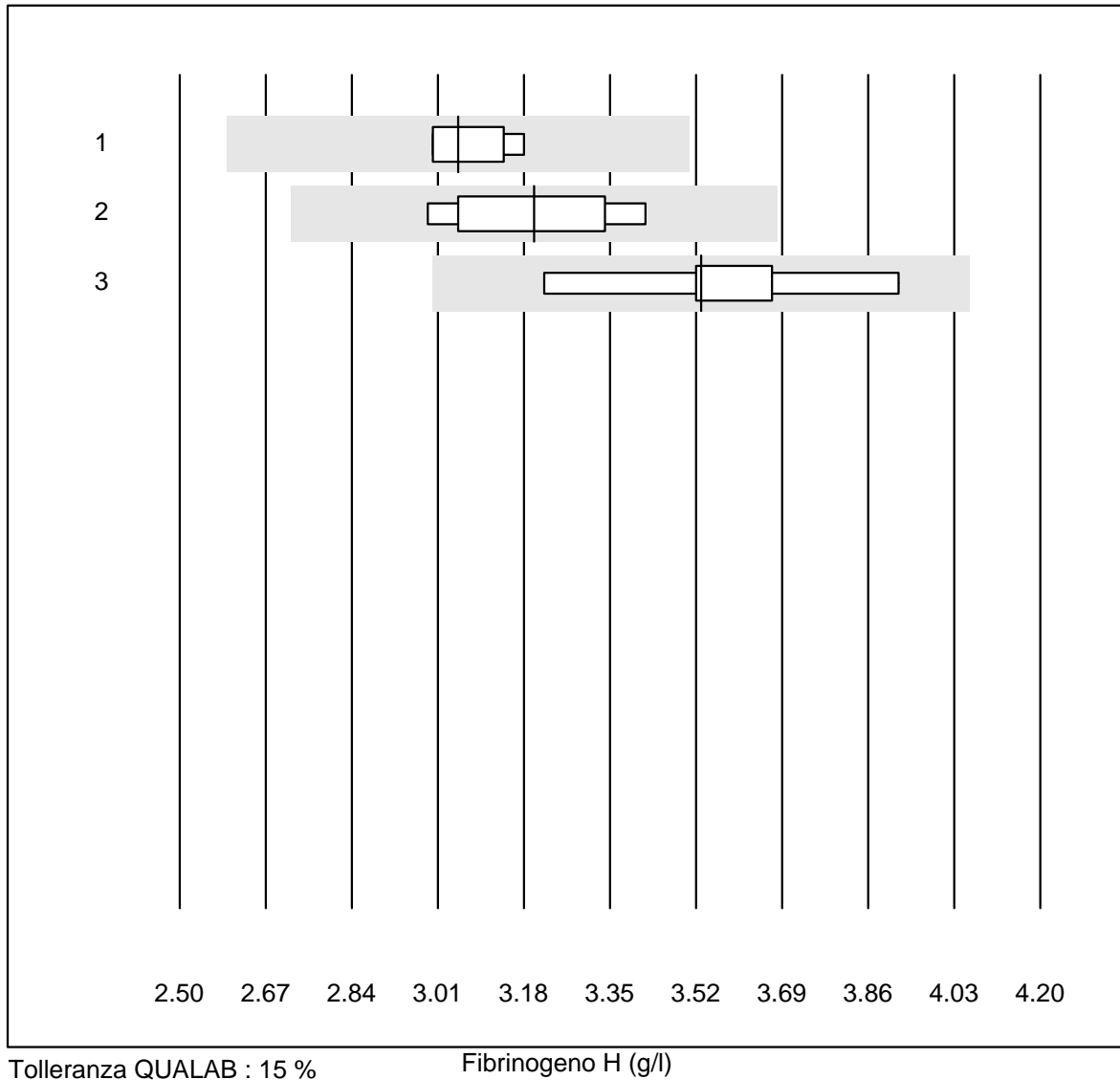


## Quick H



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Neoplastin R	5	100.0	0.0	0.0	94	4.1	e*
2 Innovin	9	100.0	0.0	0.0	94	4.4	e
3 Recombiplastin 2G	9	100.0	0.0	0.0	100	3.5	e

## Fibrinogeno H

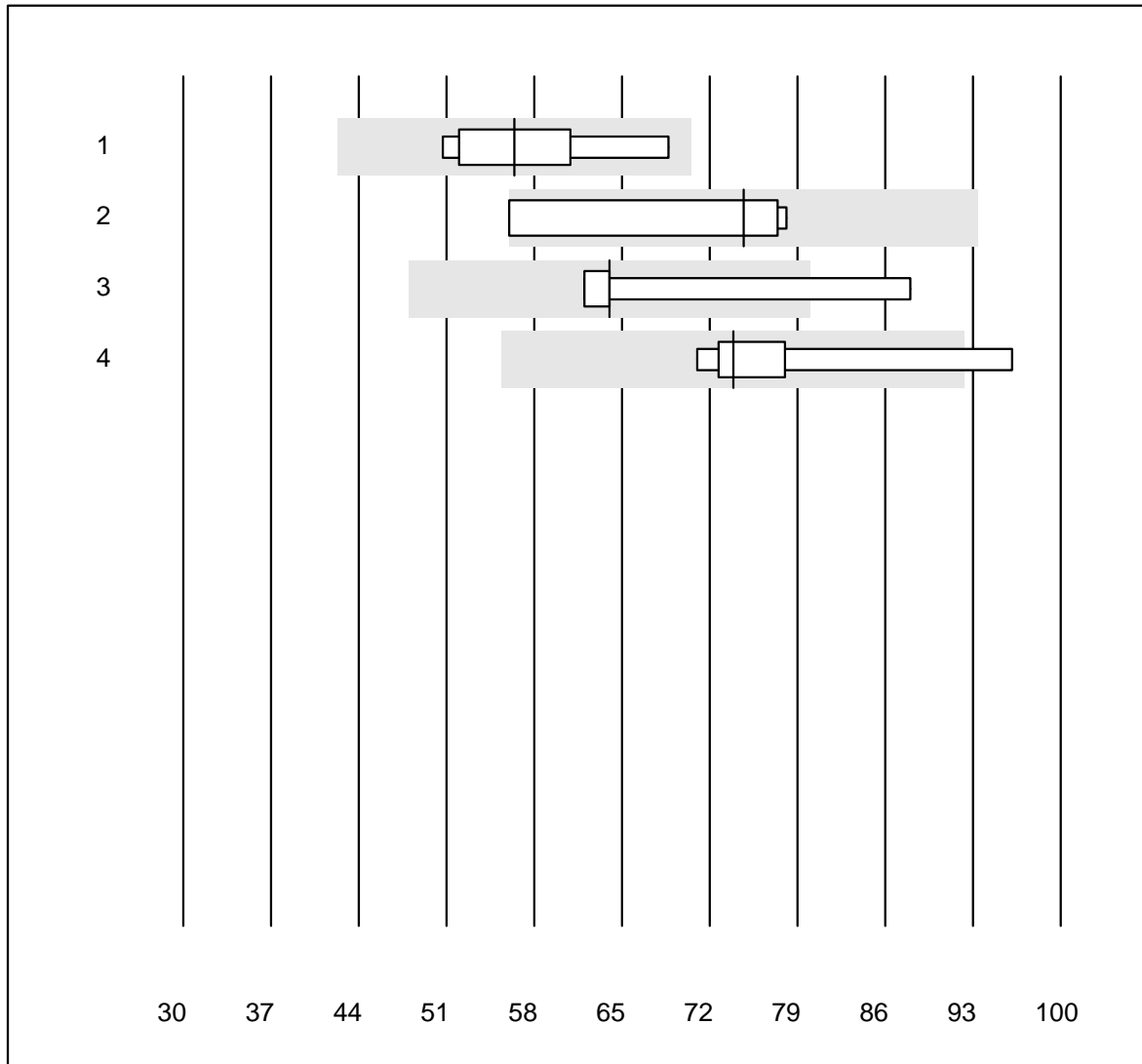


Tolleranza QUALAB : 15 %

Fibrinogeno H (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Siemens Thrombin	6	100.0	0.0	0.0	3.05	2.6	e
2 Stago/STA	7	100.0	0.0	0.0	3.20	4.9	e*
3 Fib Clauss (IL)	5	100.0	0.0	0.0	3.53	7.1	e*

## aPTT H

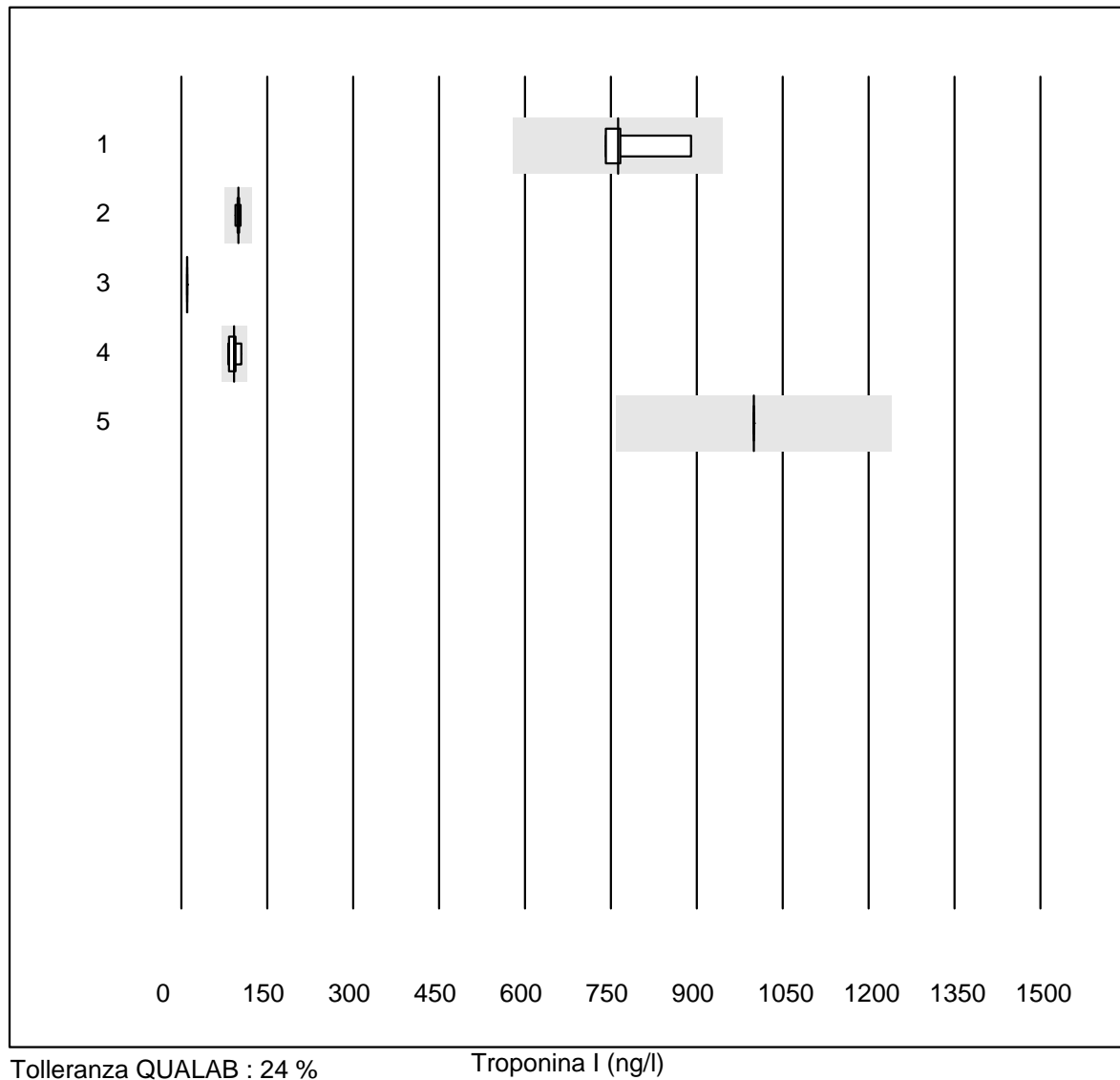


Tolleranza QUALAB : 25 %

aPTT H (Sek)

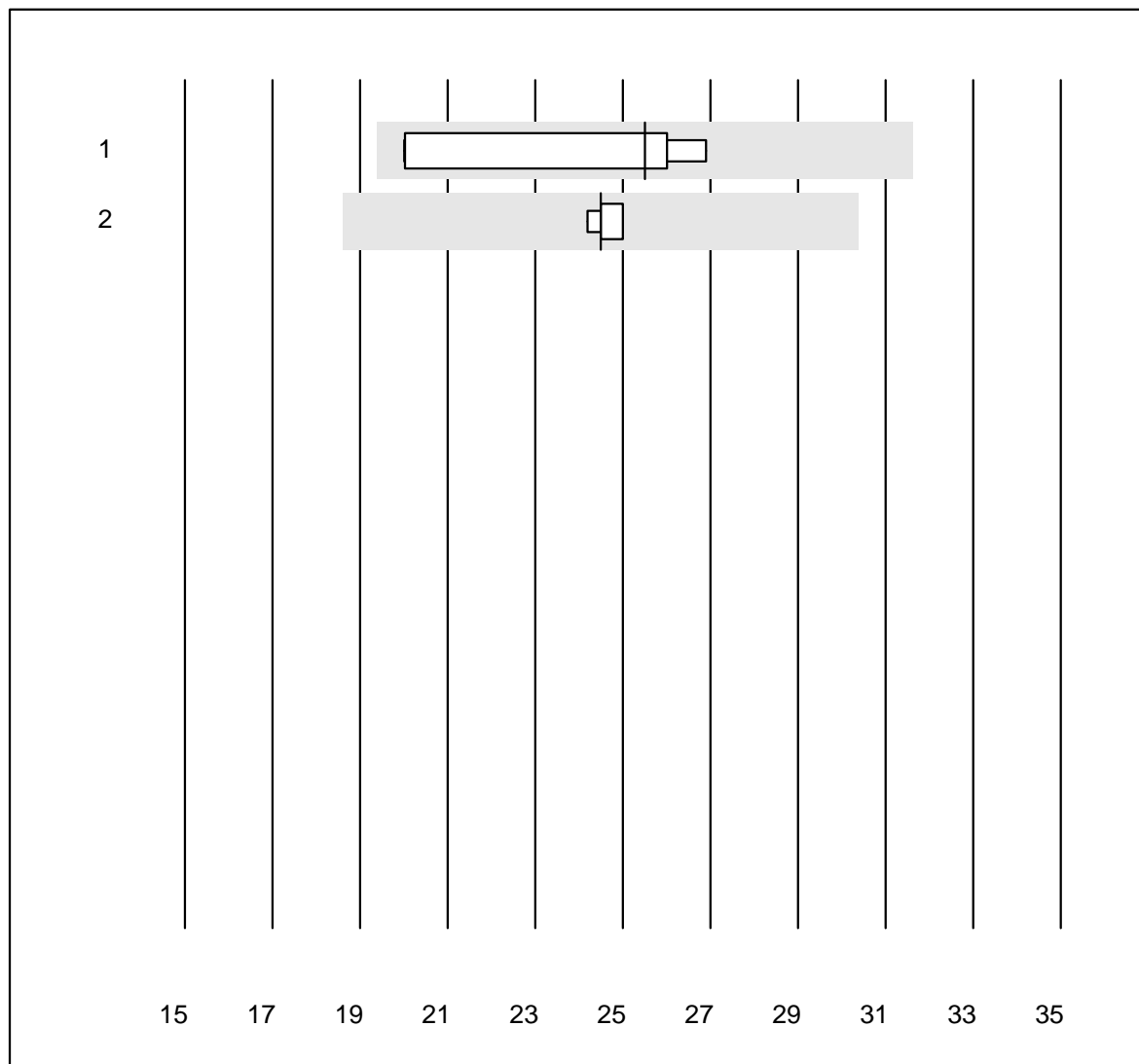
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Actin FS	6	100.0	0.0	0.0	56.4	11.7	e*
2 altro	4	75.0	25.0	0.0	74.7	14.5	e*
3 Stago/STA	5	60.0	20.0	20.0	64.0	17.8	e*
4 aPTT-SP	6	83.3	16.7	0.0	73.9	12.1	e*

## Troponina I



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Vidas hs	4	100.0	0.0	0.0	762.2	8.6	e*
2 Architect High Sensi	6	100.0	0.0	0.0	99.6	3.0	e
3 AQT 90 FLEX	6	100.0	0.0	0.0	10.0	0.0	e
4 ADVIA Centaur XP/CP	5	100.0	0.0	0.0	92.4	9.8	e*
5 Eurolyser	14	100.0	0.0	0.0	1000.0	0.0	e

## Troponina T

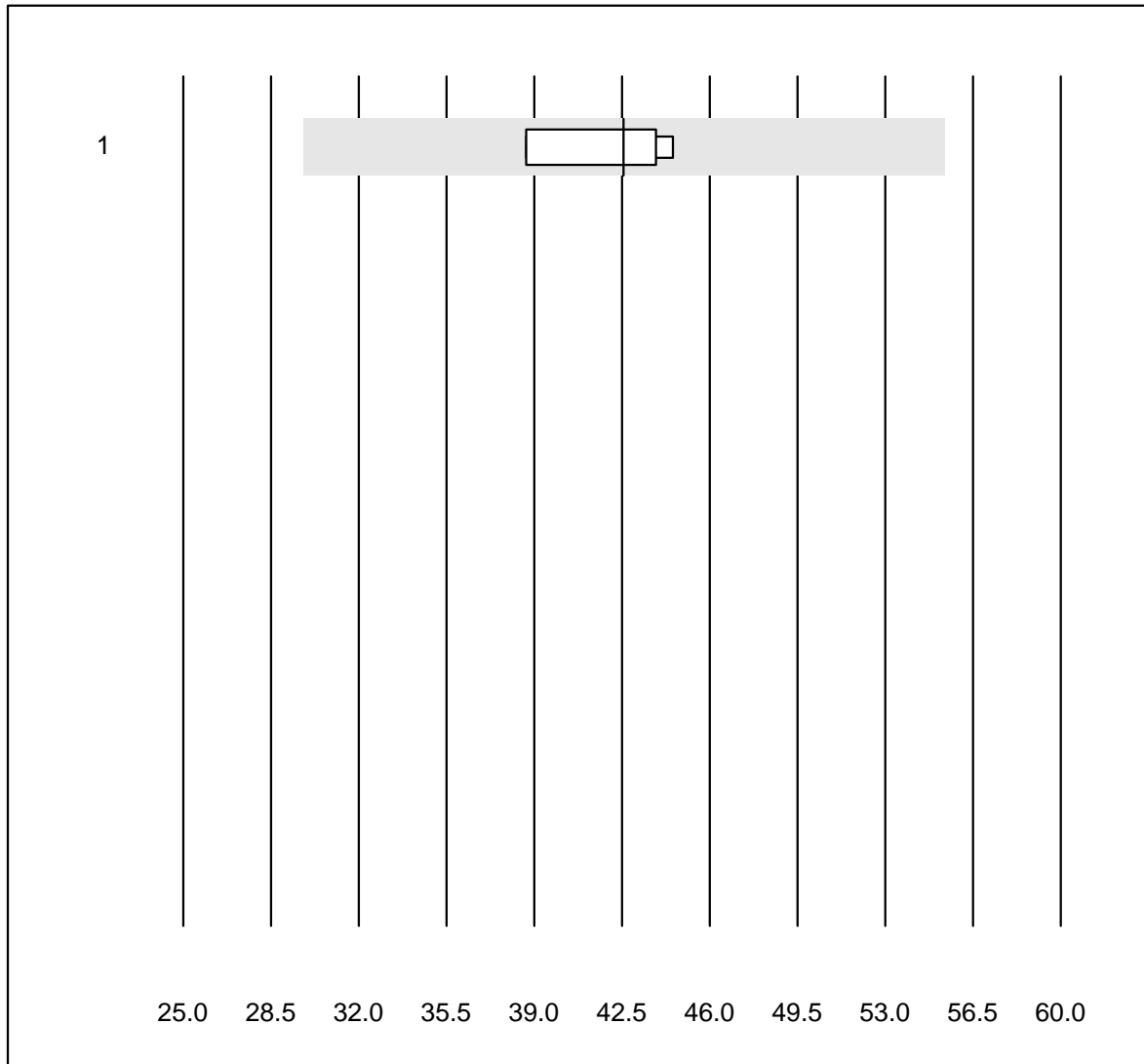


Tolleranza QUALAB : 24 %

Troponina T (ng/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas hs	5	100.0	0.0	0.0	25.50	14.3	e*
2 Cobas hs STAT	6	100.0	0.0	0.0	24.50	1.3	e

## Mioglobina

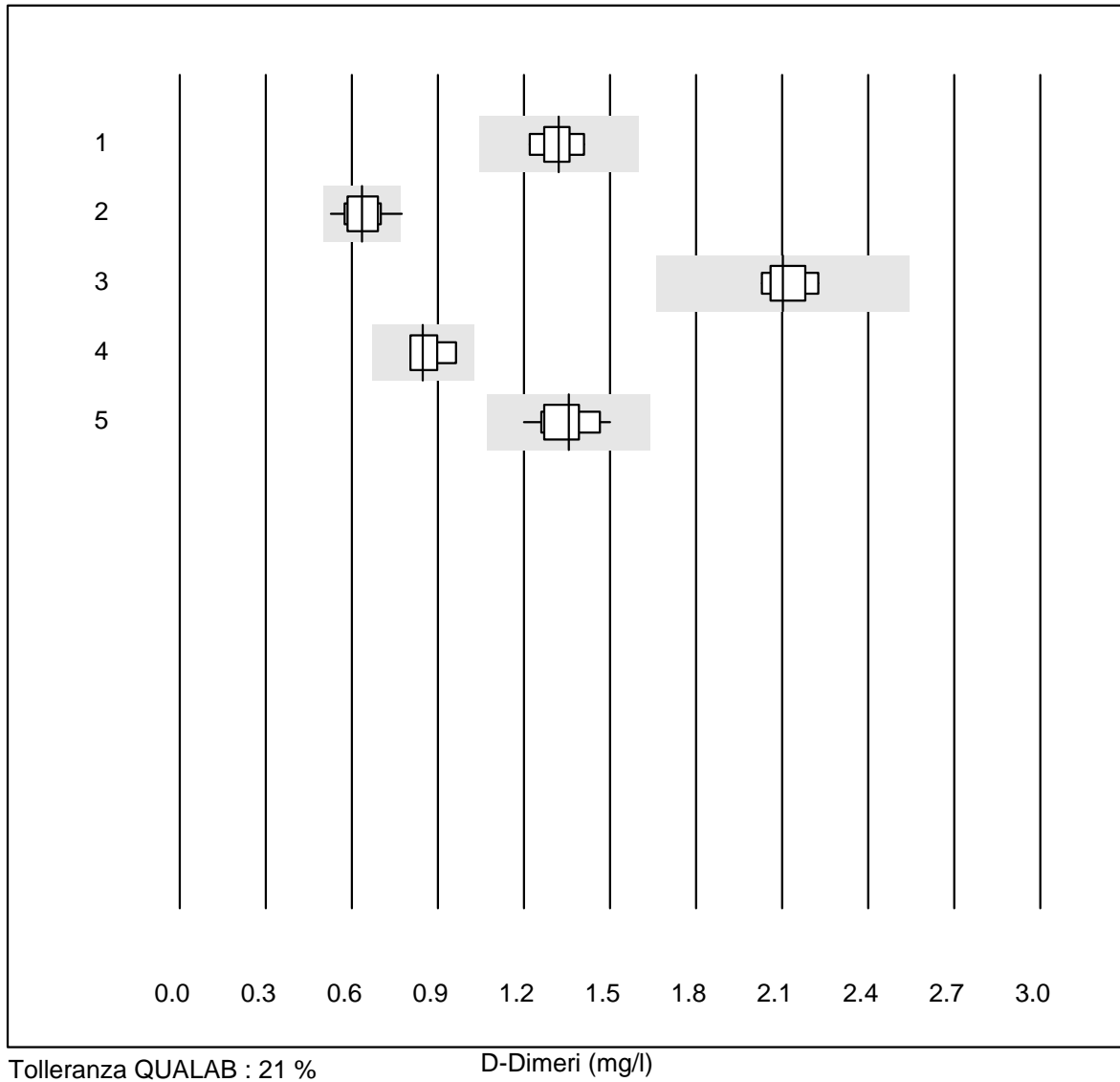


Tolleranza QUALAB : 30 %

Mioglobina (µg/l)

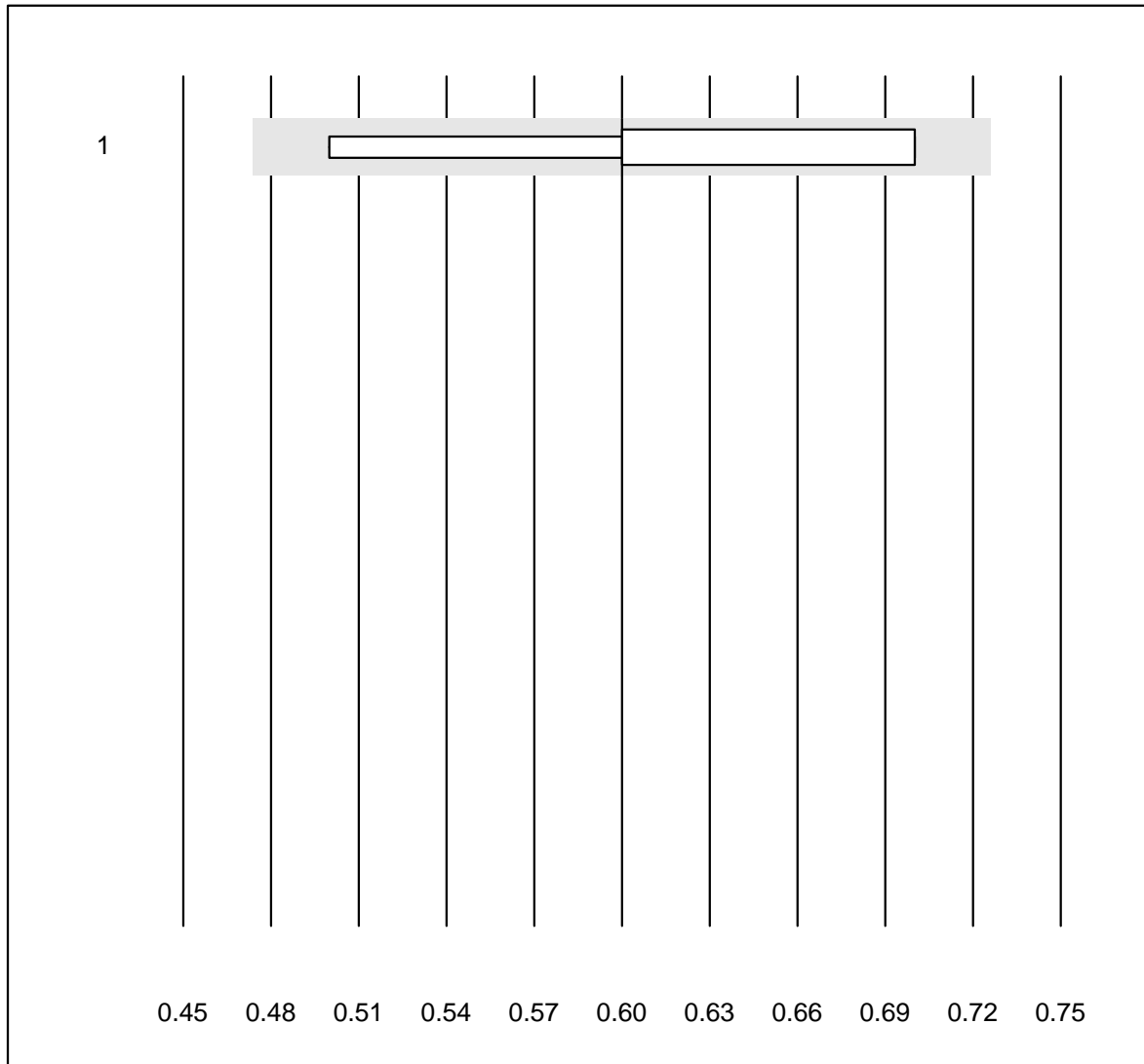
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	4	100.0	0.0	0.0	42.6	6.3	e

## D-Dimeri



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 STA Liatest	7	100.0	0.0	0.0	1.32	4.6	e
2 Eurolyser	27	77.8	3.7	18.5	0.63	9.7	e
3 ACL	5	100.0	0.0	0.0	2.10	3.9	e
4 AQT 90 FLEX	8	100.0	0.0	0.0	0.85	6.8	e
5 Vidas	12	100.0	0.0	0.0	1.36	6.3	e

## D-Dimeri NC



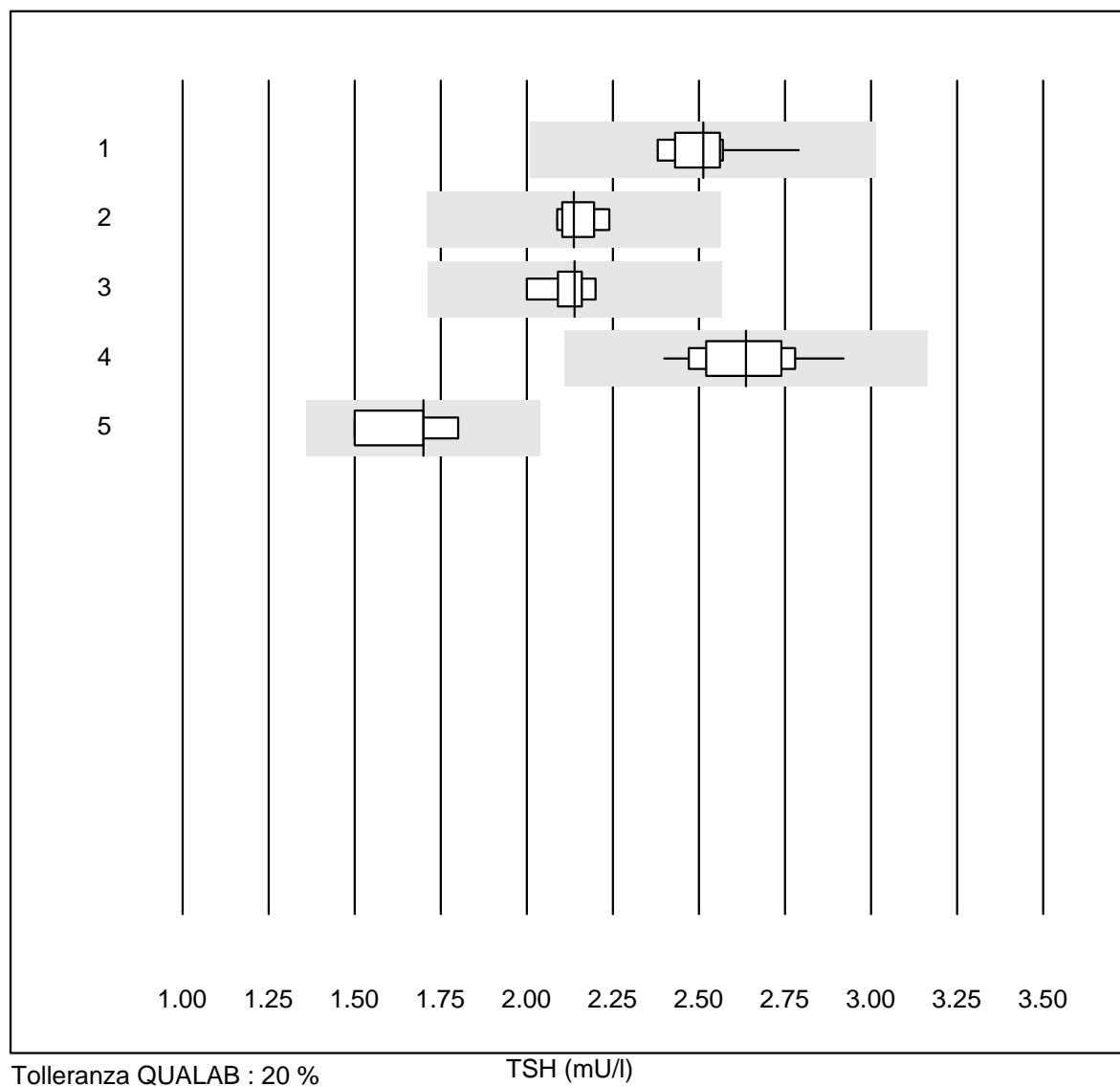
Tolleranza QUALAB : 21 %

D-Dimeri NC (mg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 NycoCard	25	64.0	0.0	36.0	0.60	11.7	e

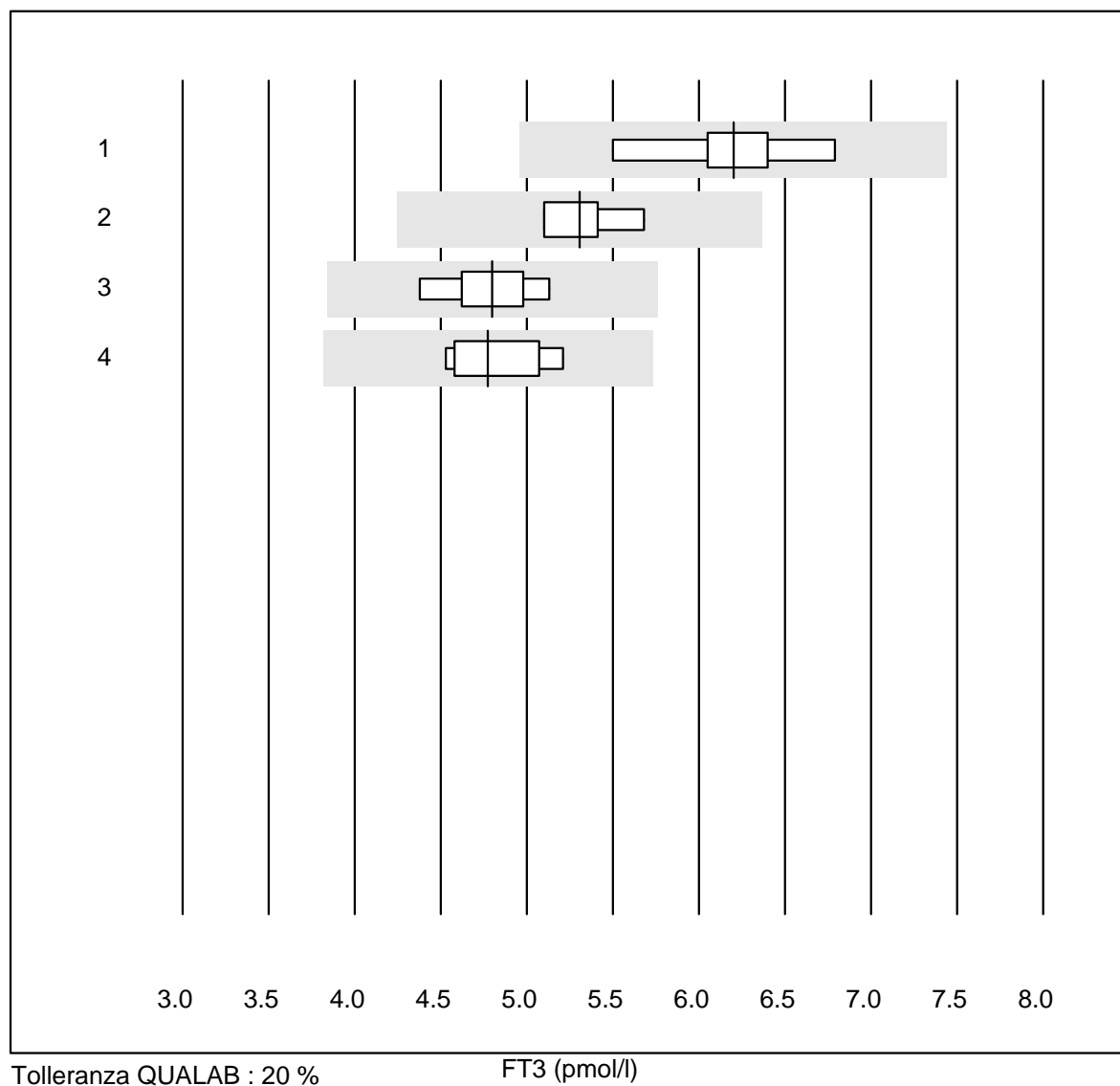


## TSH



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	10	100.0	0.0	0.0	2.5	4.7	e
2 ADVIA Centaur XP/CP	6	100.0	0.0	0.0	2.1	2.7	e
3 Architect	8	100.0	0.0	0.0	2.1	2.9	e
4 Vidas	13	100.0	0.0	0.0	2.6	5.6	e
5 Qualigen	5	80.0	0.0	20.0	1.7	7.8	e*

## FT3

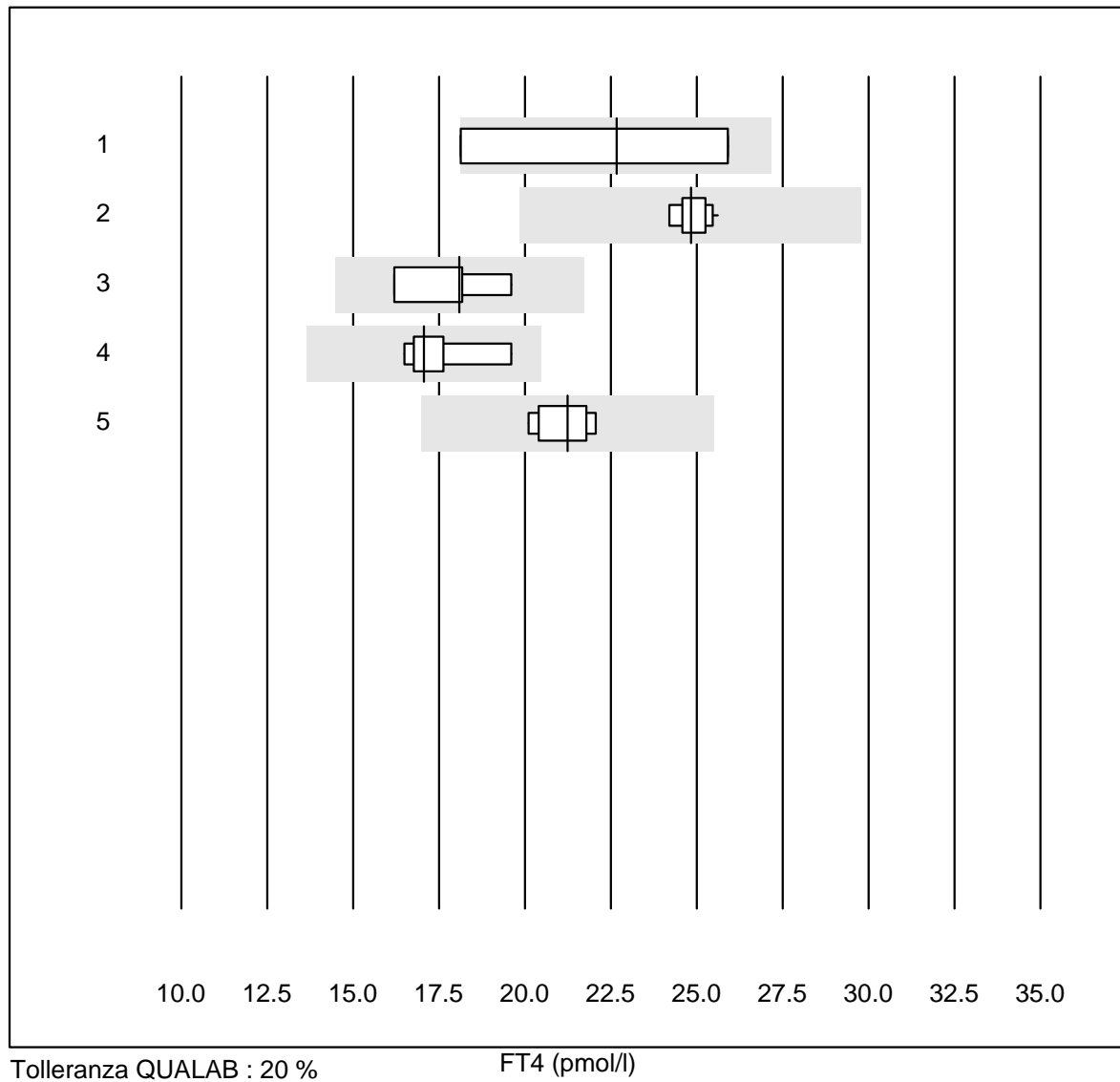


Tolleranza QUALAB : 20 %

FT3 (pmol/l)

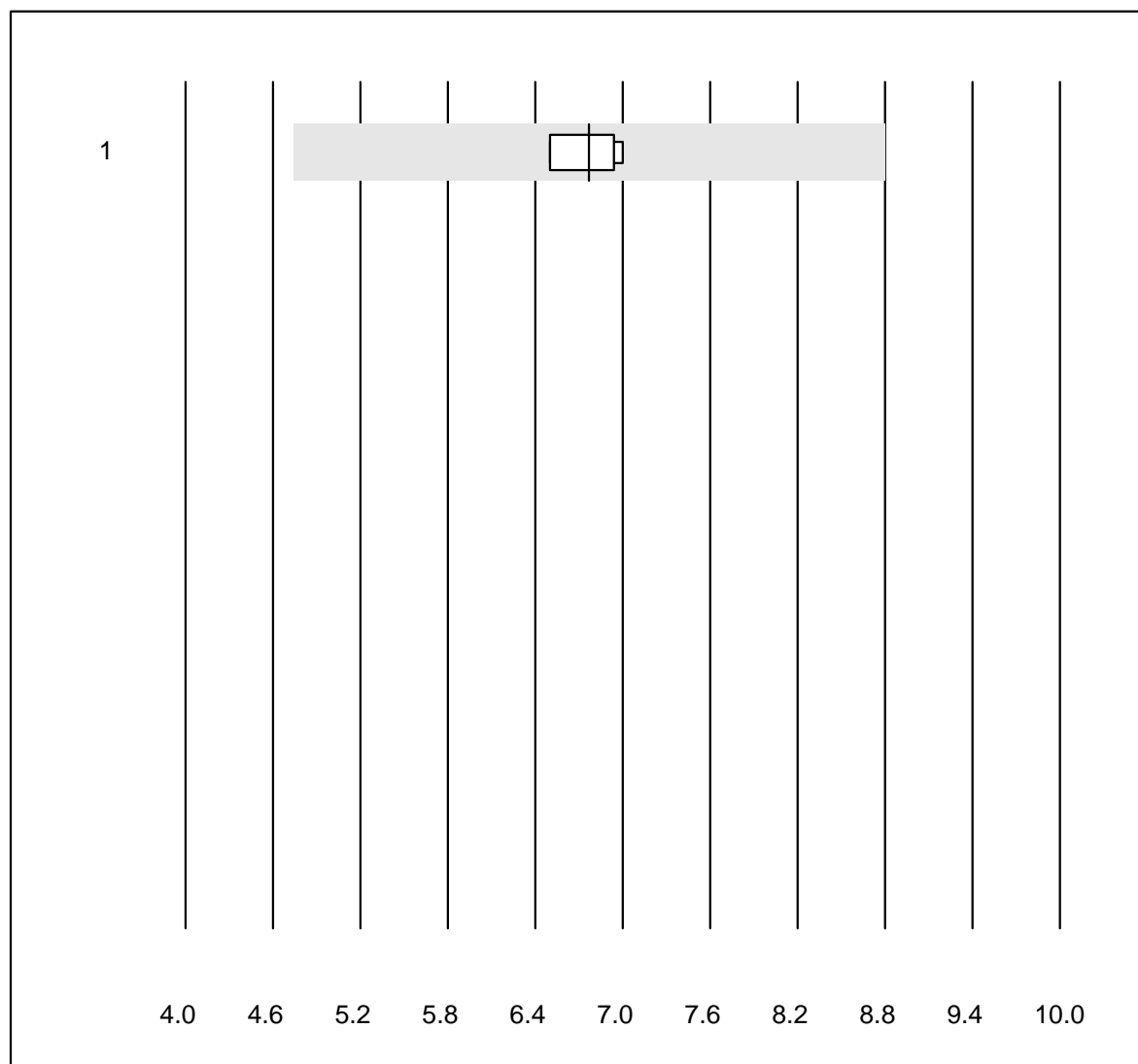
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	9	100.0	0.0	0.0	6.2	5.8	e
2 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	5.3	4.8	e
3 Architect	7	100.0	0.0	0.0	4.8	5.1	e
4 Vidas	6	100.0	0.0	0.0	4.8	5.6	e

## FT4



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Qualigen	4	75.0	0.0	25.0	22.7	19.7	e*
2 Cobas E / Elecsys	10	100.0	0.0	0.0	24.8	1.9	e
3 ADVIA Centaur XP	4	100.0	0.0	0.0	18.1	7.7	e*
4 Architect	8	100.0	0.0	0.0	17.1	6.0	e
5 Vidas	7	100.0	0.0	0.0	21.2	3.3	e

## Testosterone

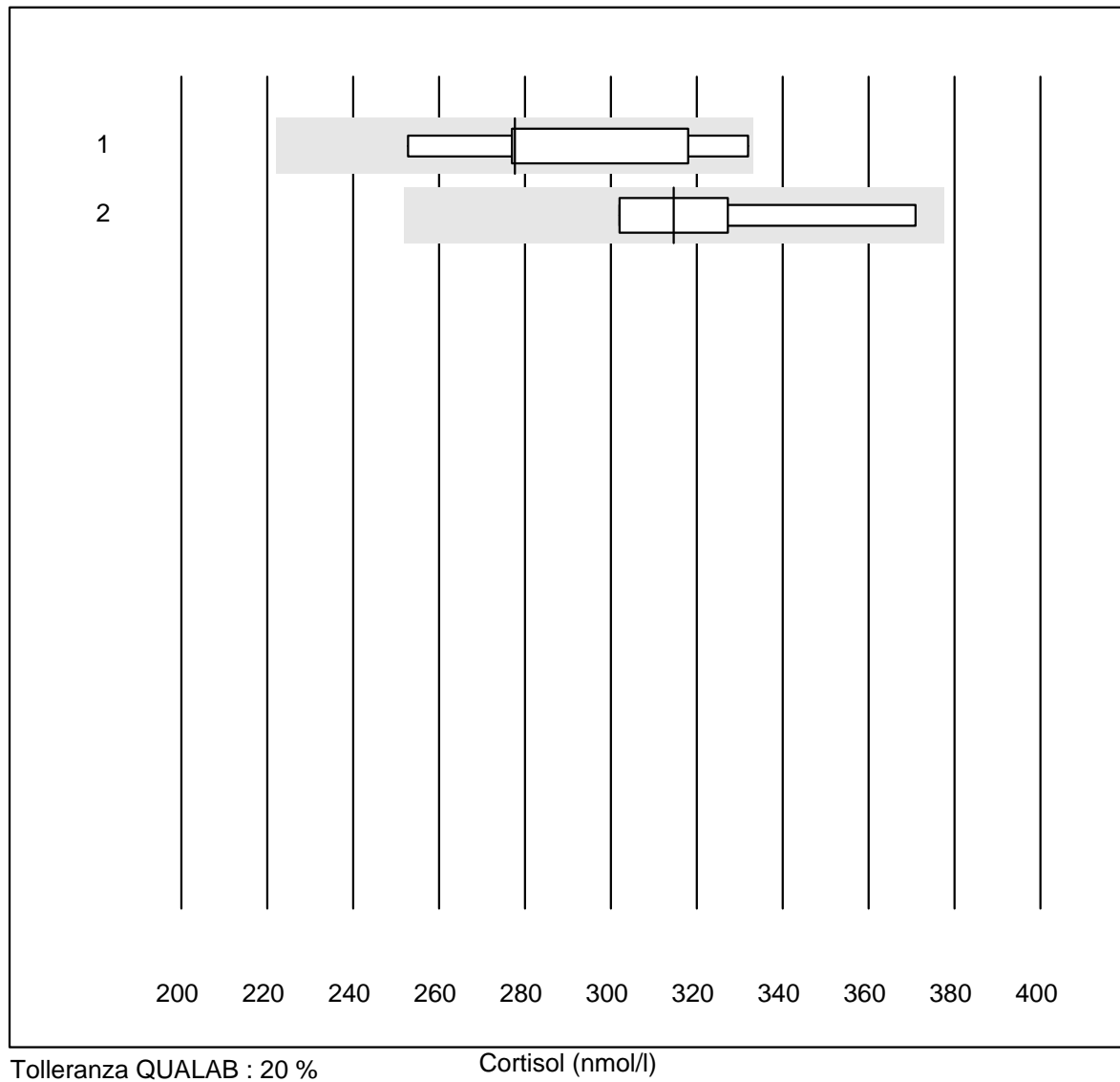


Tolleranza QUALAB : 30 %

Testosterone (nmol/l)

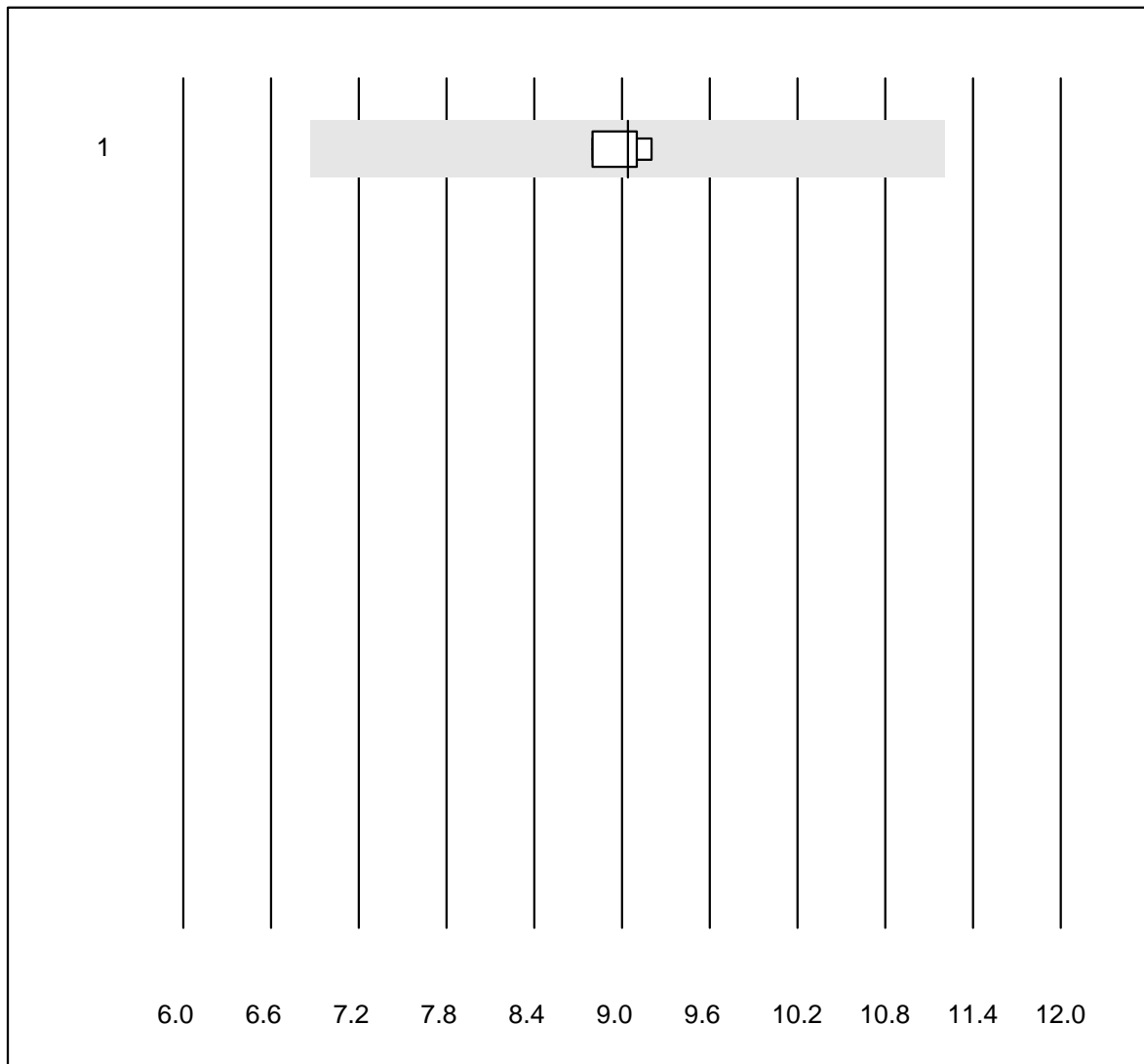
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	7	3.7	e

# Cortisol



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	6	100.0	0.0	0.0	278	10.3	e*
2 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	315	10.0	e*

## Luteinisiertes Hormon

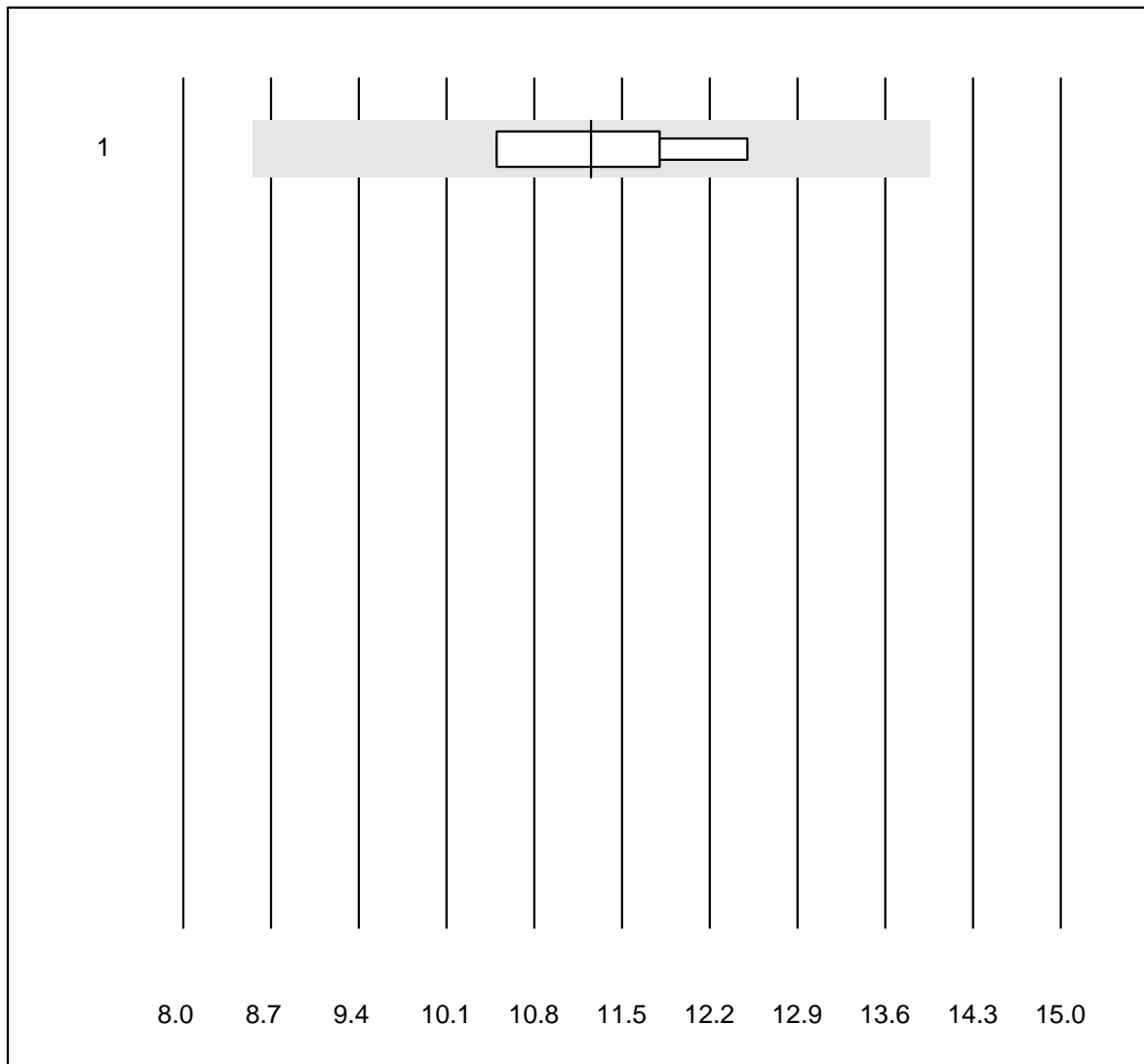


Tolleranza QUALAB : 24 %

Luteinisiertes 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	9.0	1.9	e

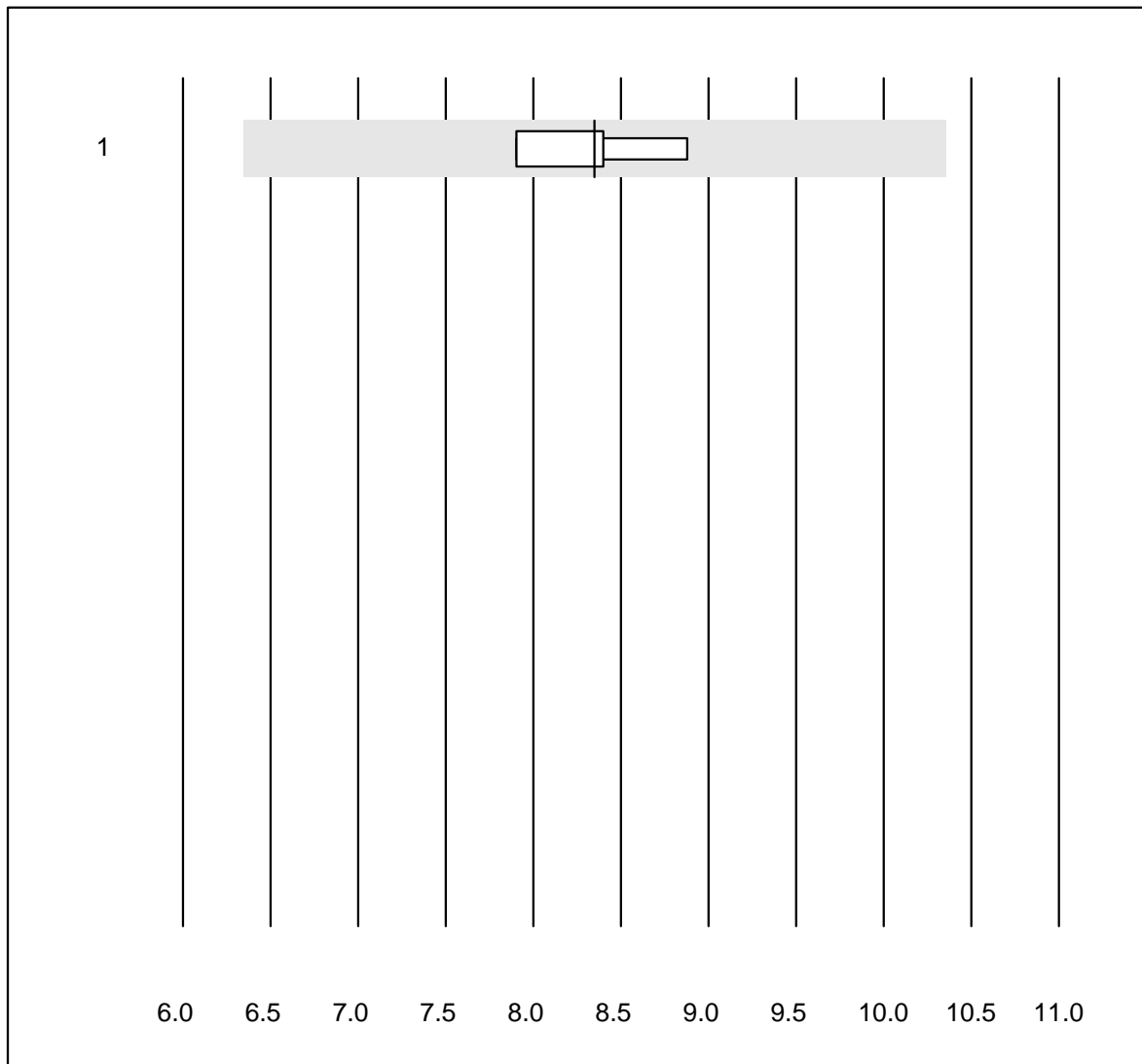
## Follikelstimulierendes Hormon



Tolleranza 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	11.3	8.3	e*

## Prolaktin (PRL)



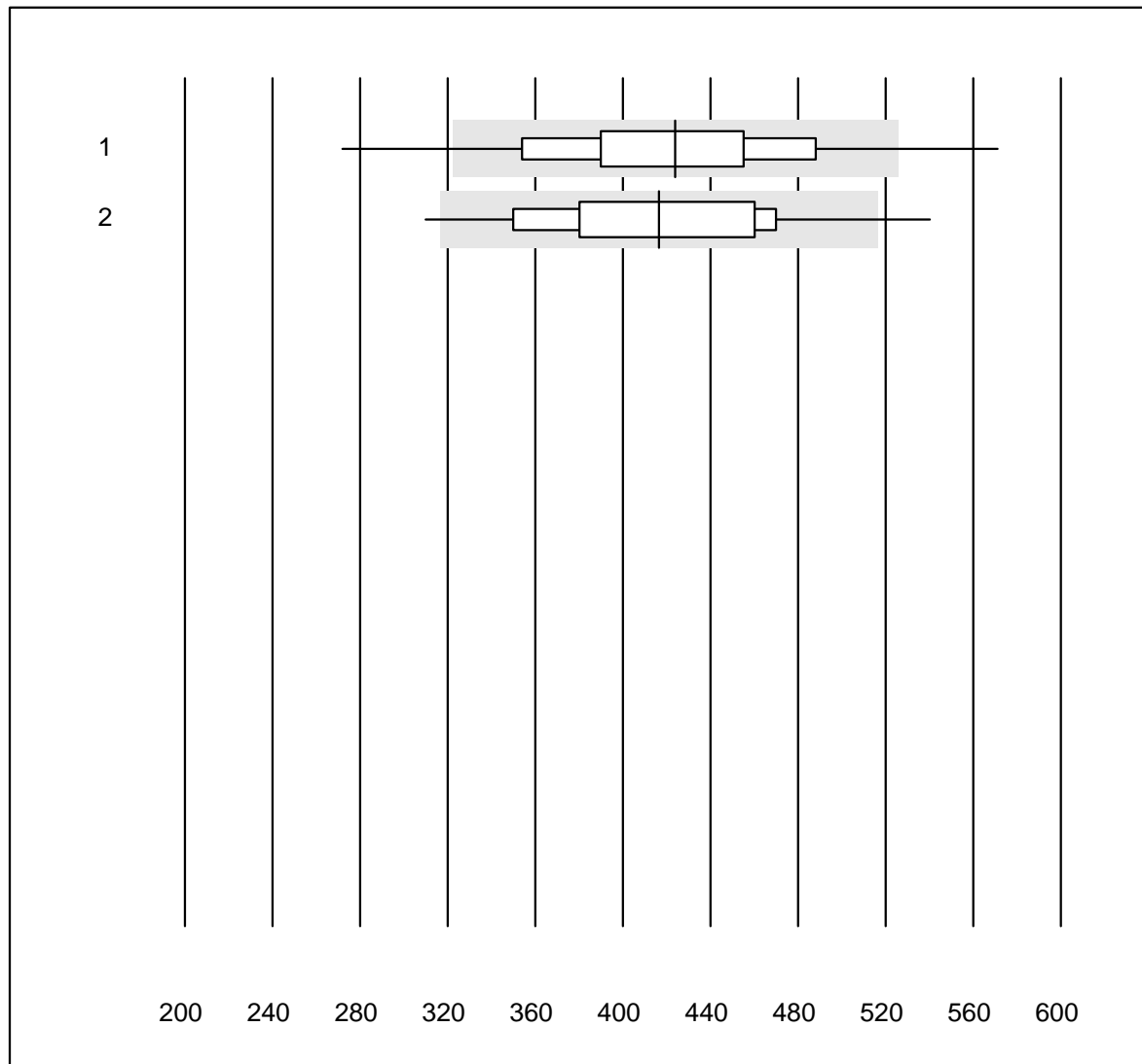
Tolleranza QUALAB : 24 %

Prolaktin (PRL) (µg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	8.3	4.8	e



## Troponina T CR

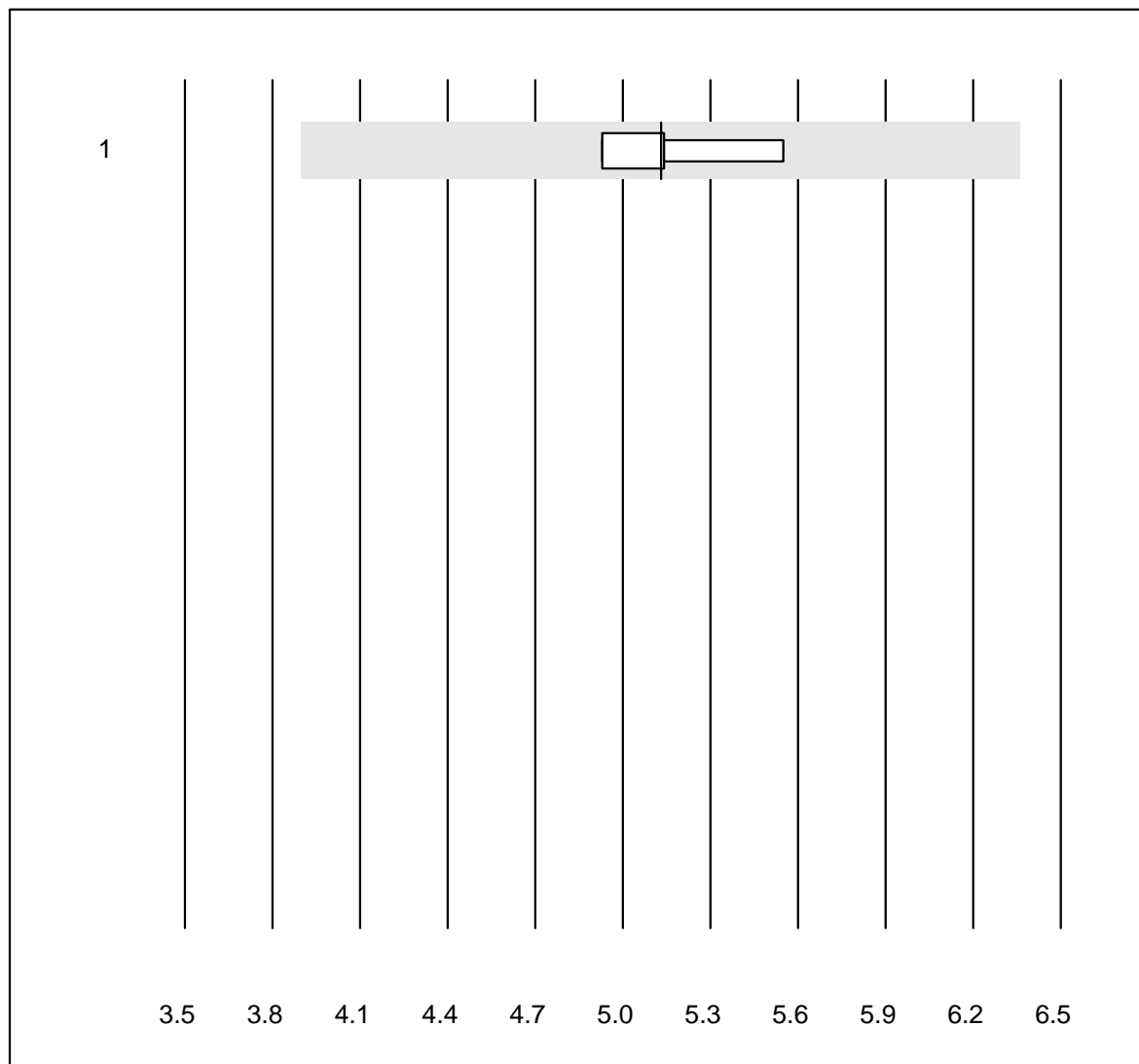


Tolleranza QUALAB : 24 %

Troponina T CR (ng/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas h 232	869	93.2	5.5	1.3	424.00	12.5	e
2 Cardiac Reader	51	88.3	7.8	3.9	416.45	13.1	e

## Troponina I WB

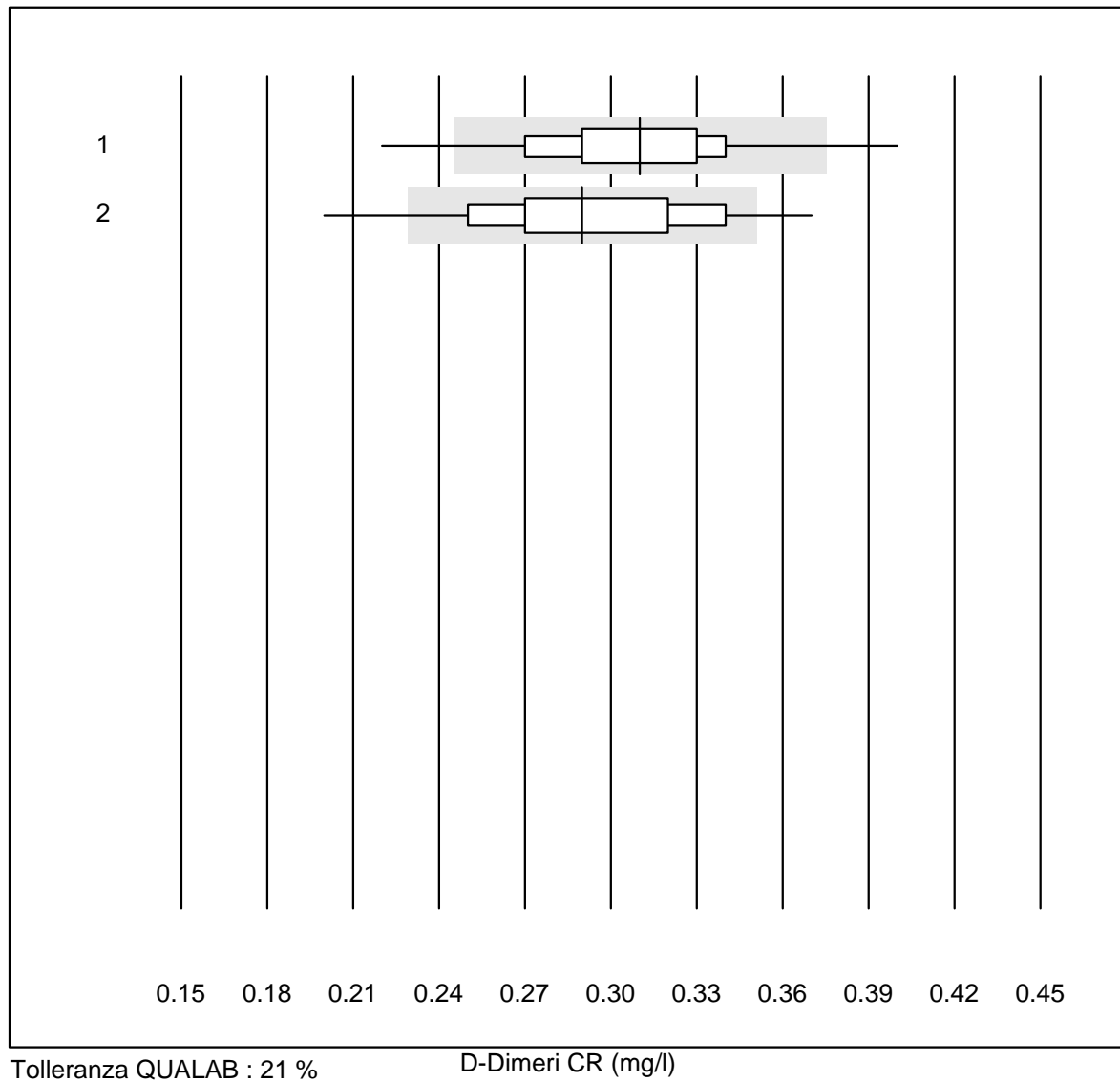


Tolleranza QUALAB : 24 %

Troponina I WB (ng/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 iStat	4	100.0	0.0	0.0	5.13	5.0	e

## D-Dimeri CR

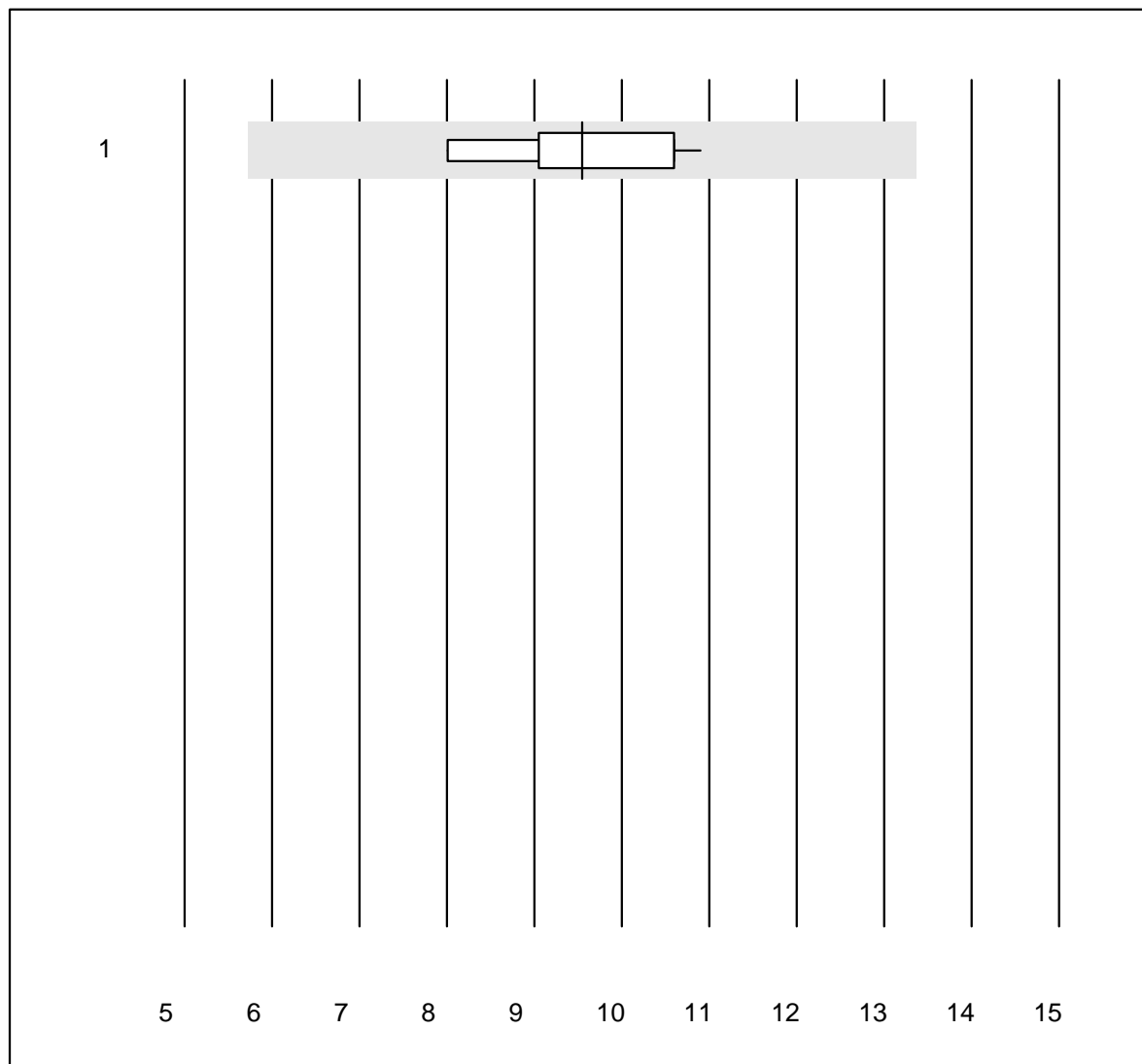


Tolleranza QUALAB : 21 %

D-Dimeri CR (mg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas h 232	898	93.9	3.9	2.2	0.31	9.4	e
2 Cardiac Reader	41	92.7	7.3	0.0	0.29	12.7	e

### CKMB - K8

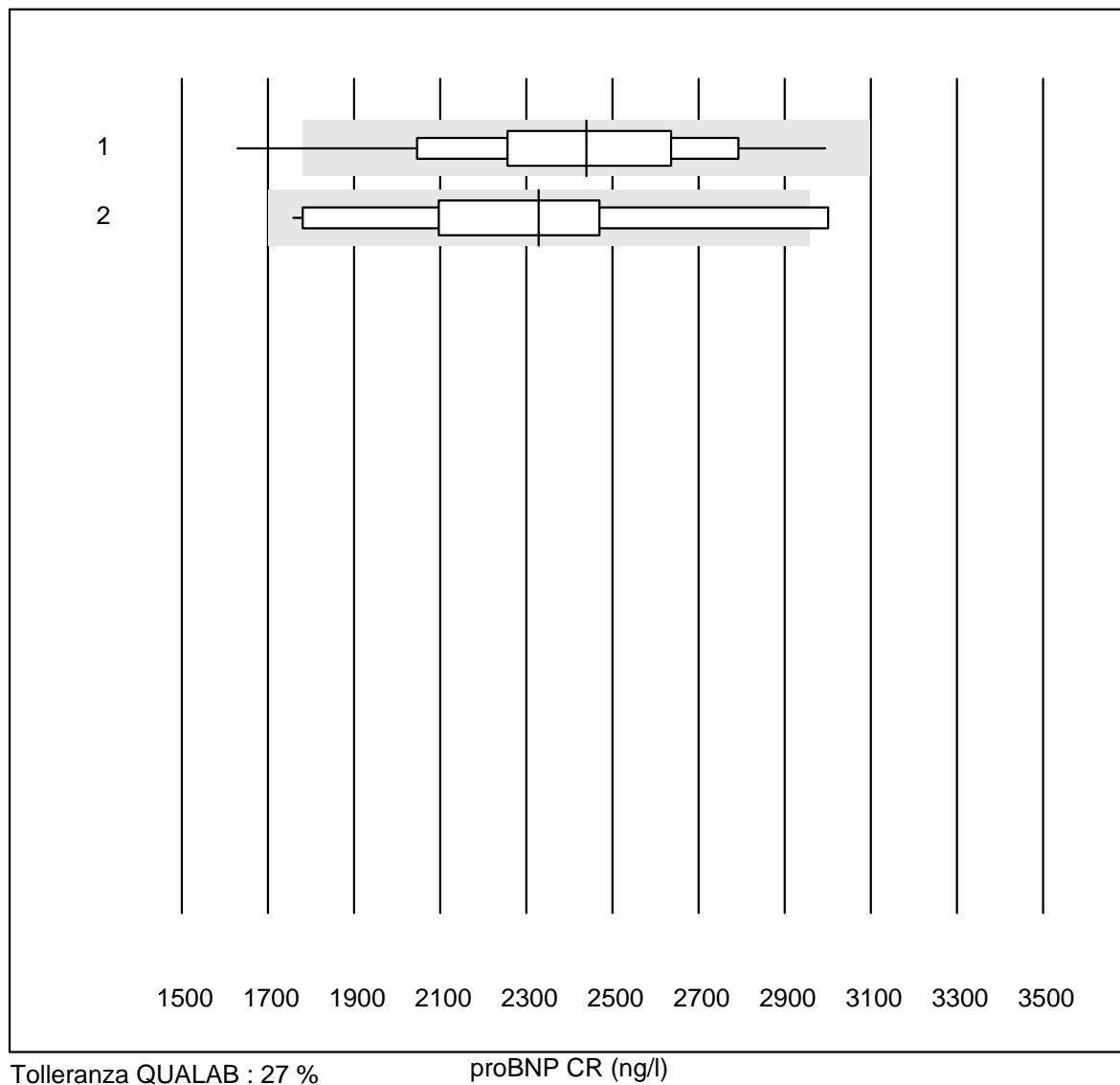


Tolleranza QUALAB : 40 %

CKMB - K8 (µg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas h 232	10	100.0	0.0	0.0	9.5	10.1	e

## proBNP CR

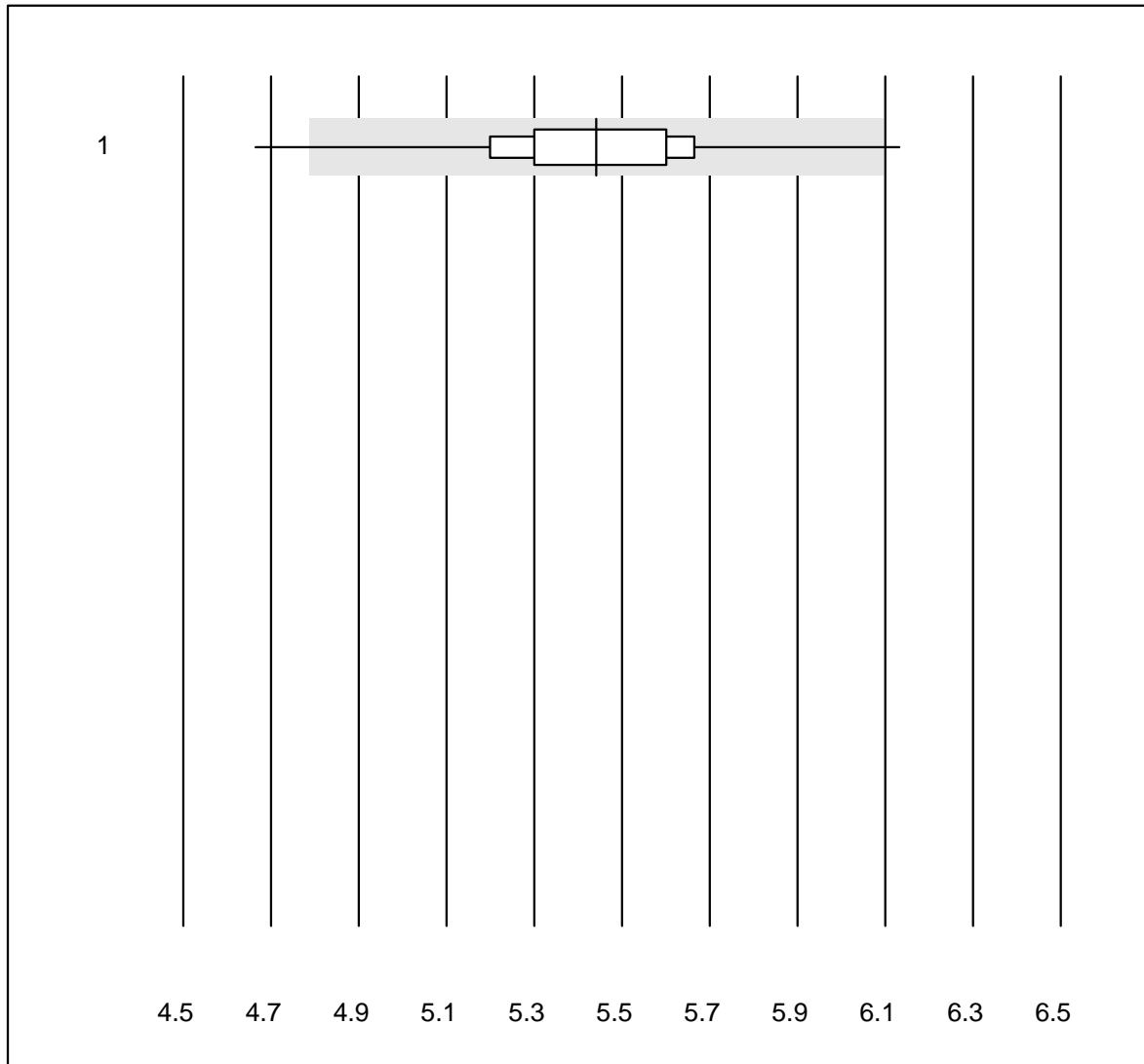


Tolleranza QUALAB : 27 %

proBNP CR (ng/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas h 232	543	95.2	1.7	3.1	2439	11.5	e
2 Cardiac Reader	13	76.9	23.1	0.0	2329	19.0	e*

## PCO2 CCA

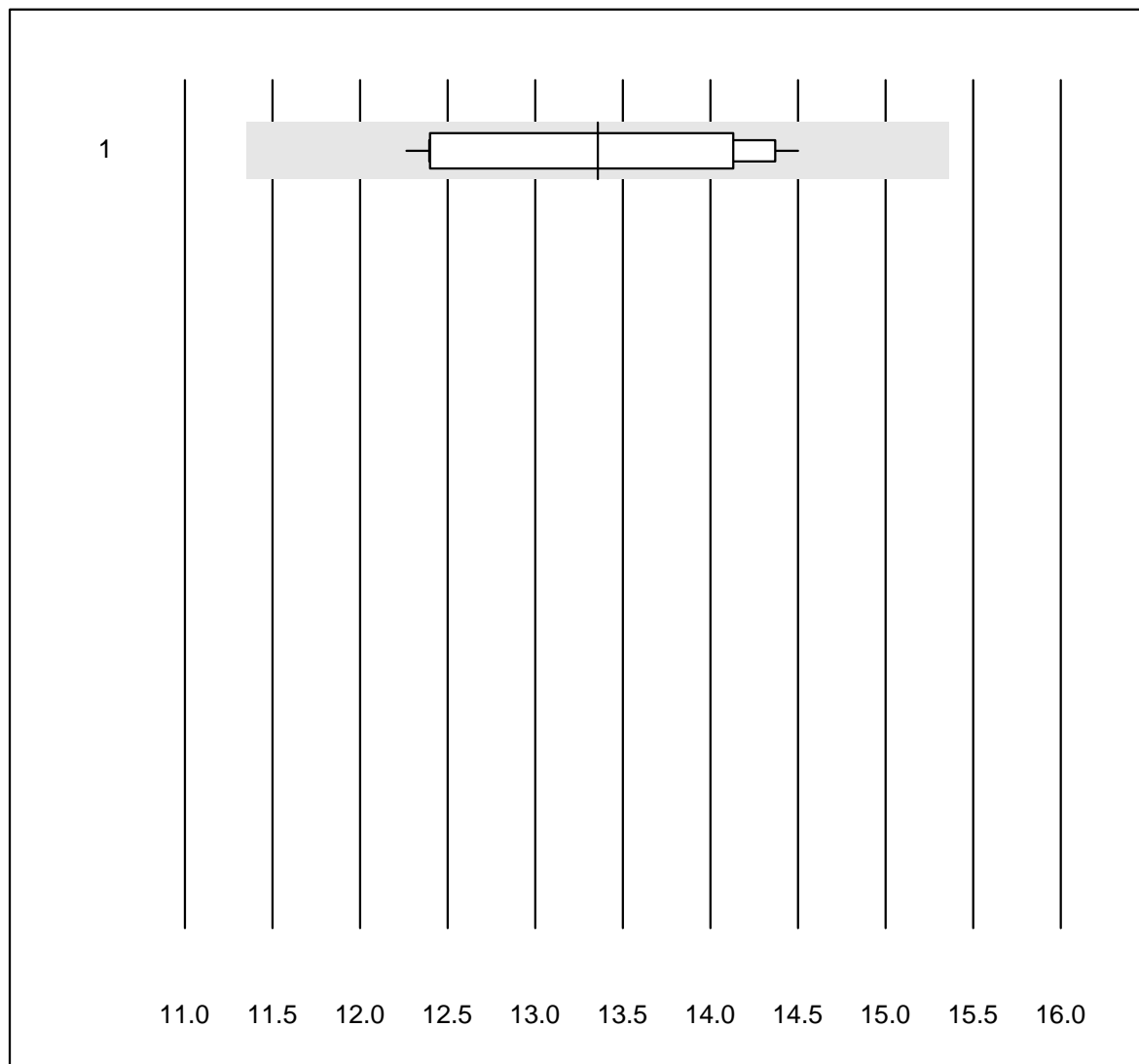


Tolleranza QUALAB : 12 %

PCO2 CCA (kPa)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 OPTI CCA	13	84.6	15.4	0.0	5.44	6.2	e*

## PO2 CCA

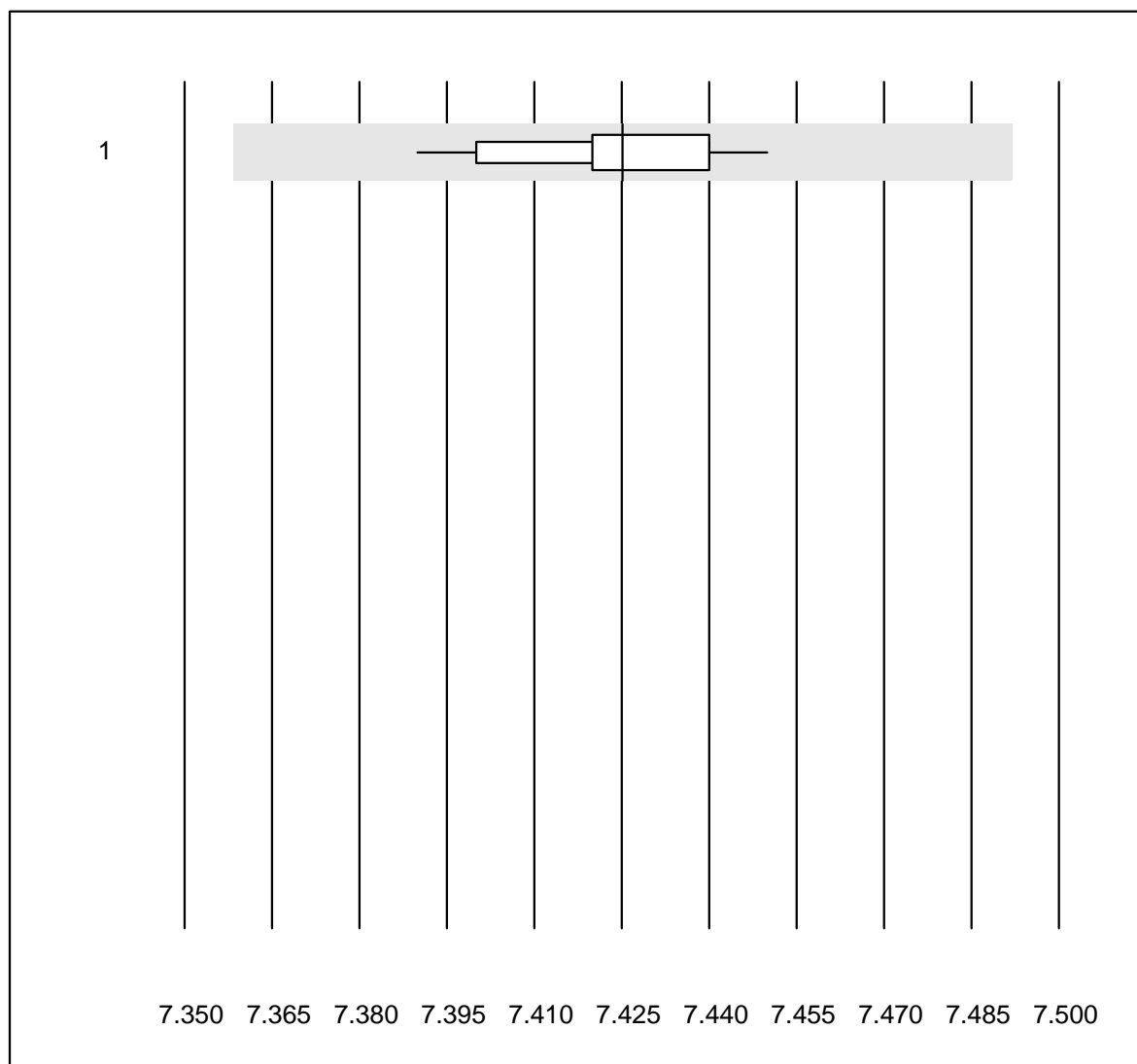


Tolleranza QUALAB : 15 %

PO2 CCA (kPa)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 OPTI CCA	13	92.3	0.0	7.7	13.36	6.7	e*

## pH CCA



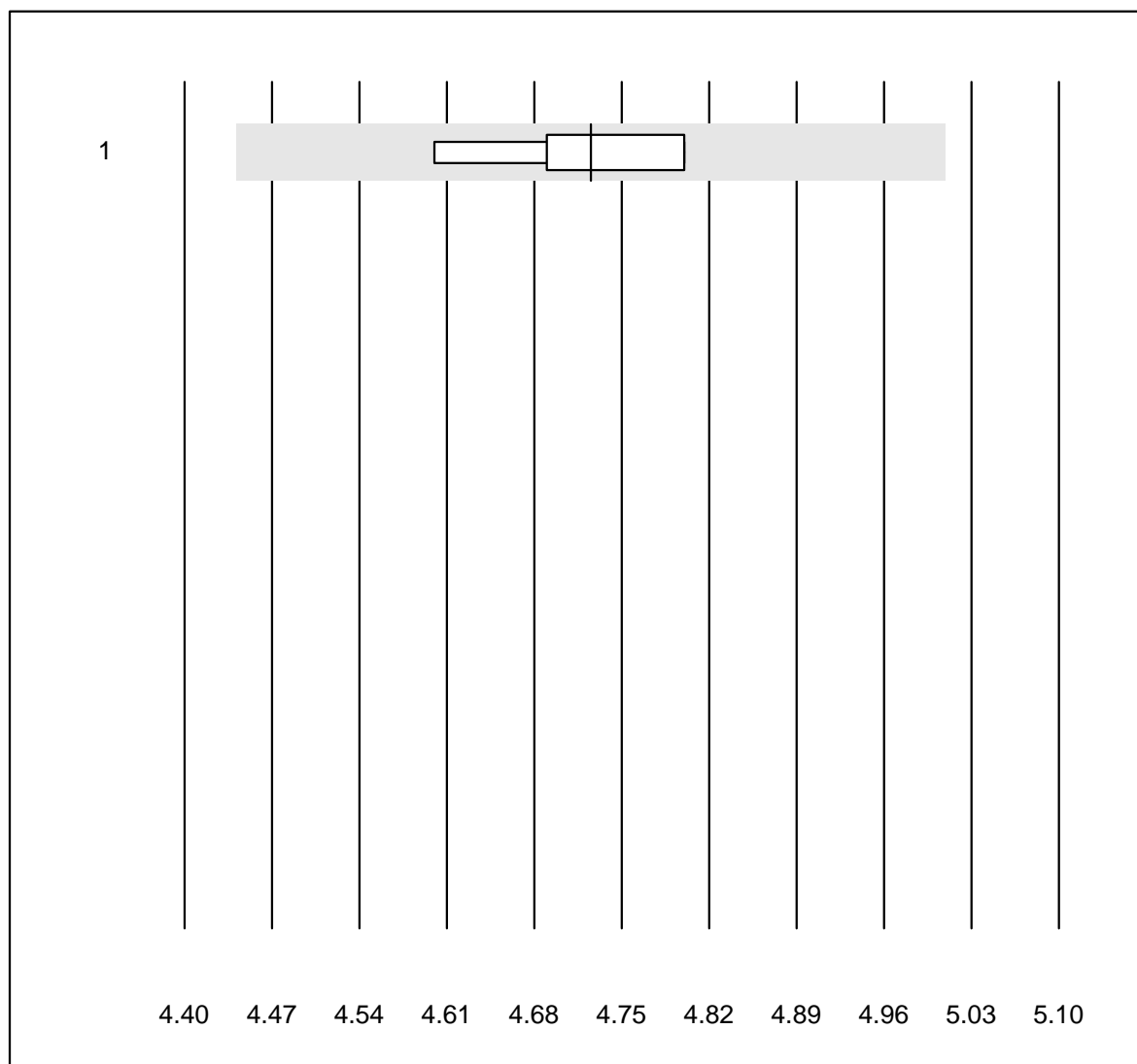
Tolleranza QUALAB : 1 %

pH CCA ()

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 OPTI CCA	13	100.0	0.0	0.0	7.43	0.2	e



## Potassio CCA

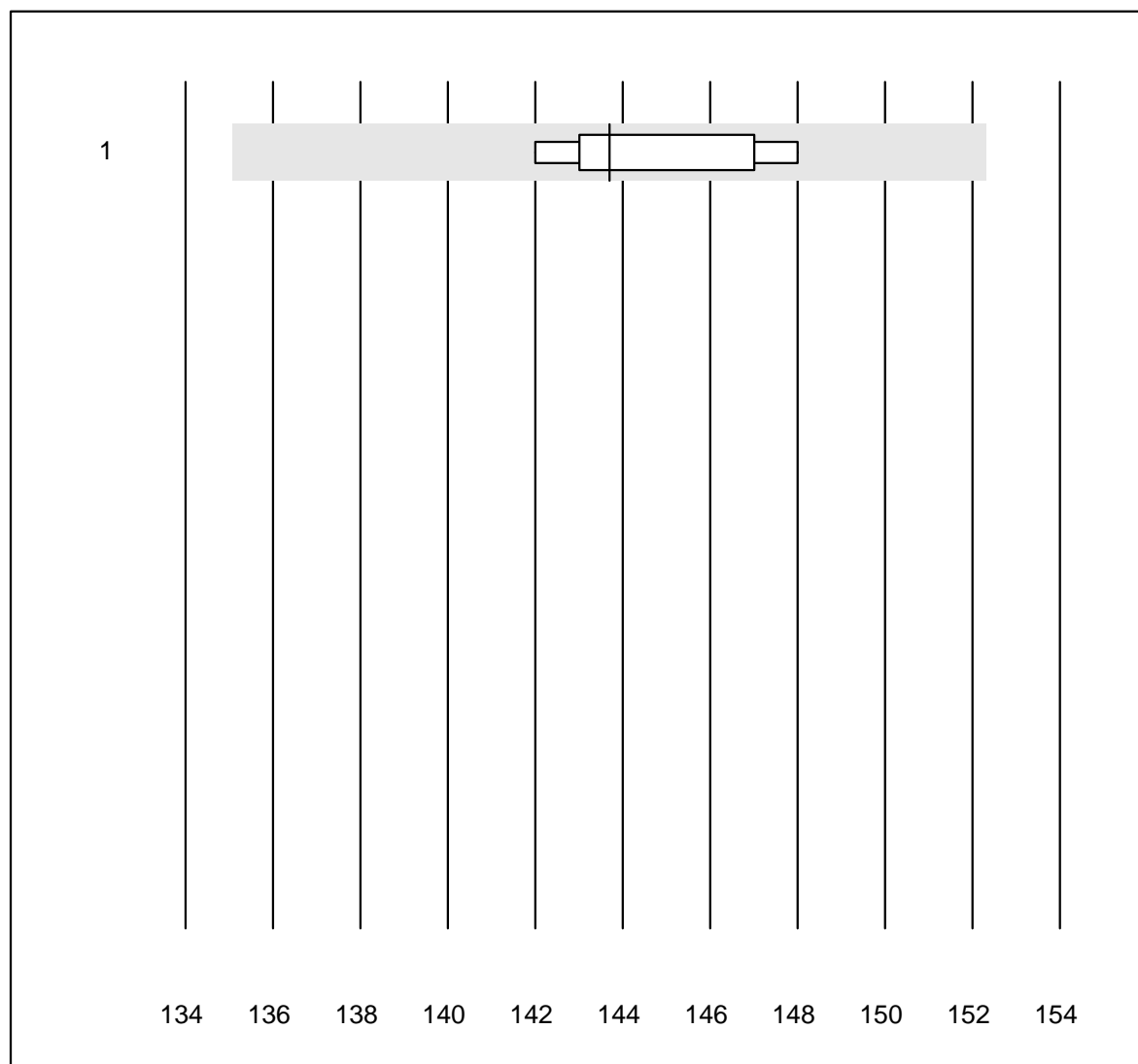


Tolleranza QUALAB : 6 %

Potassio CCA (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 OPTI CCA	8	100.0	0.0	0.0	4.7	1.5	e

## Sodio CCA

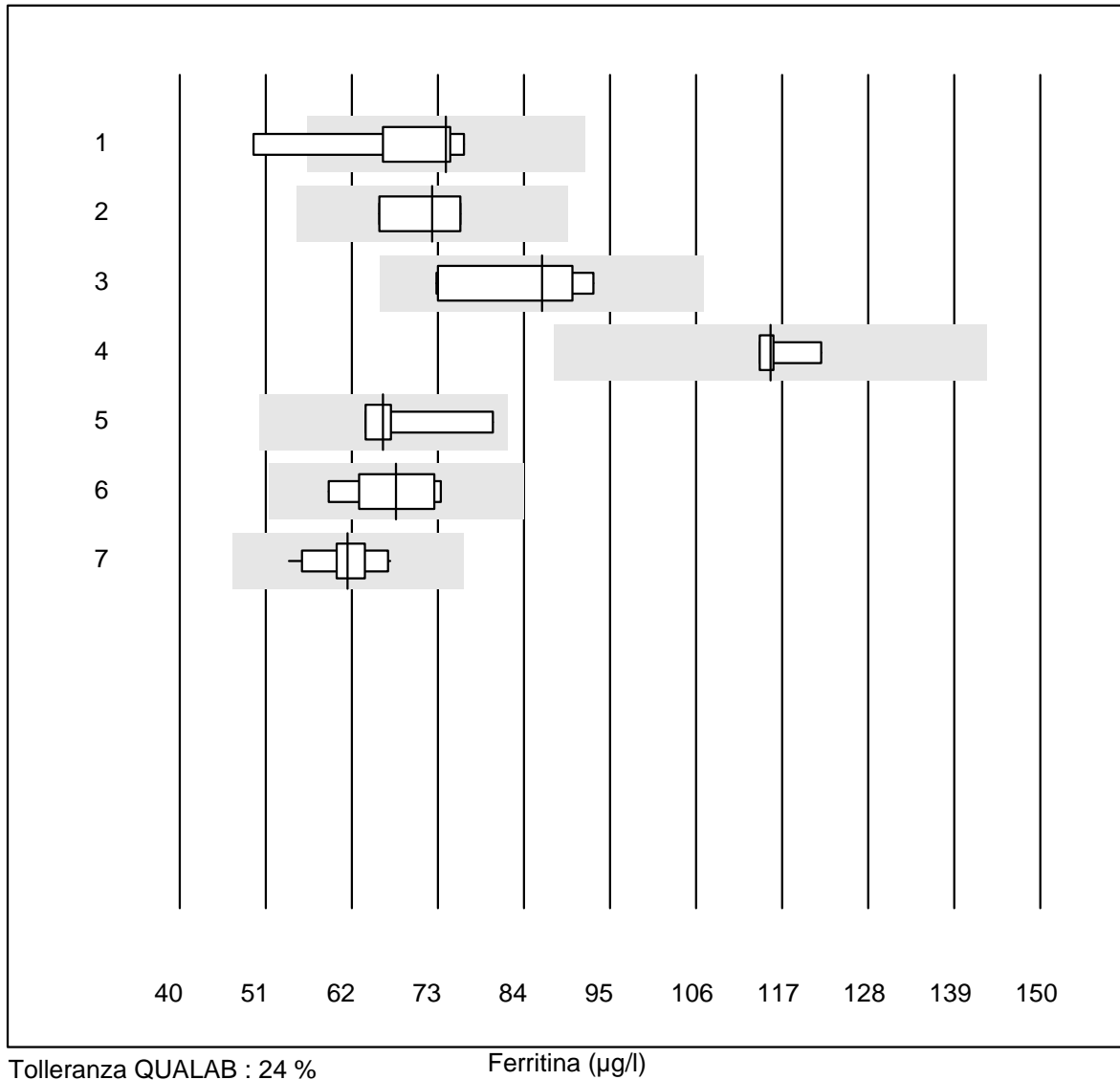


Tolleranza QUALAB : 6 %

Sodio CCA (mmol/l)

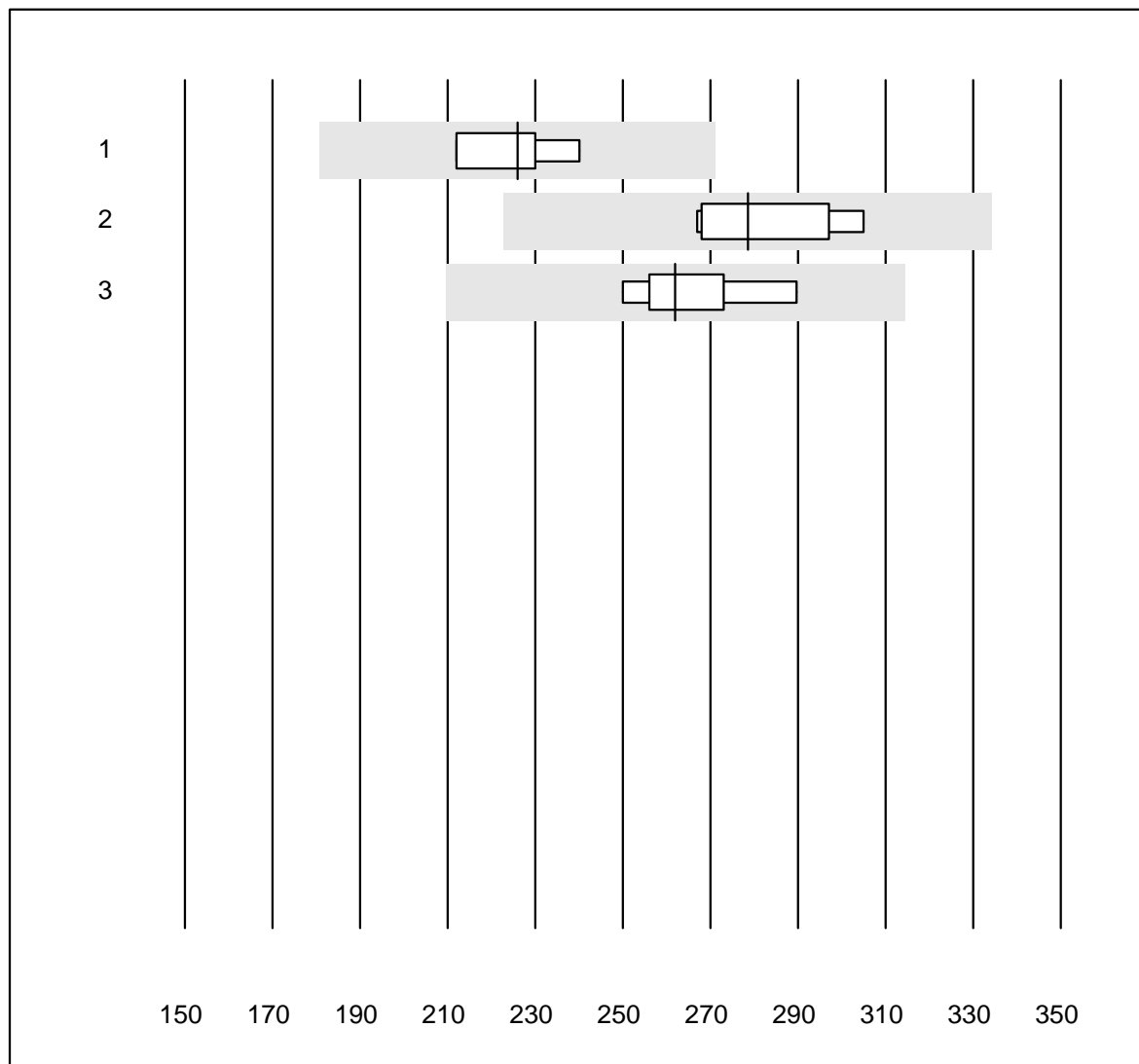
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 OPTI CCA	7	100.0	0.0	0.0	143.7	1.6	e

## Ferritina



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Beckman	5	80.0	20.0	0.0	74.00	16.4	e*
2 tutti	4	75.0	0.0	25.0	72.28	7.5	e*
3 Cobas E / Elecsys	8	100.0	0.0	0.0	86.29	10.4	e*
4 Architect	4	100.0	0.0	0.0	115.48	3.1	e
5 Mira/DiaSys	5	80.0	0.0	20.0	66.00	10.6	e*
6 Mini Vidas	6	100.0	0.0	0.0	67.65	9.1	e*
7 Eurolyser	17	94.1	0.0	5.9	61.49	6.1	e

## Vitamina B12

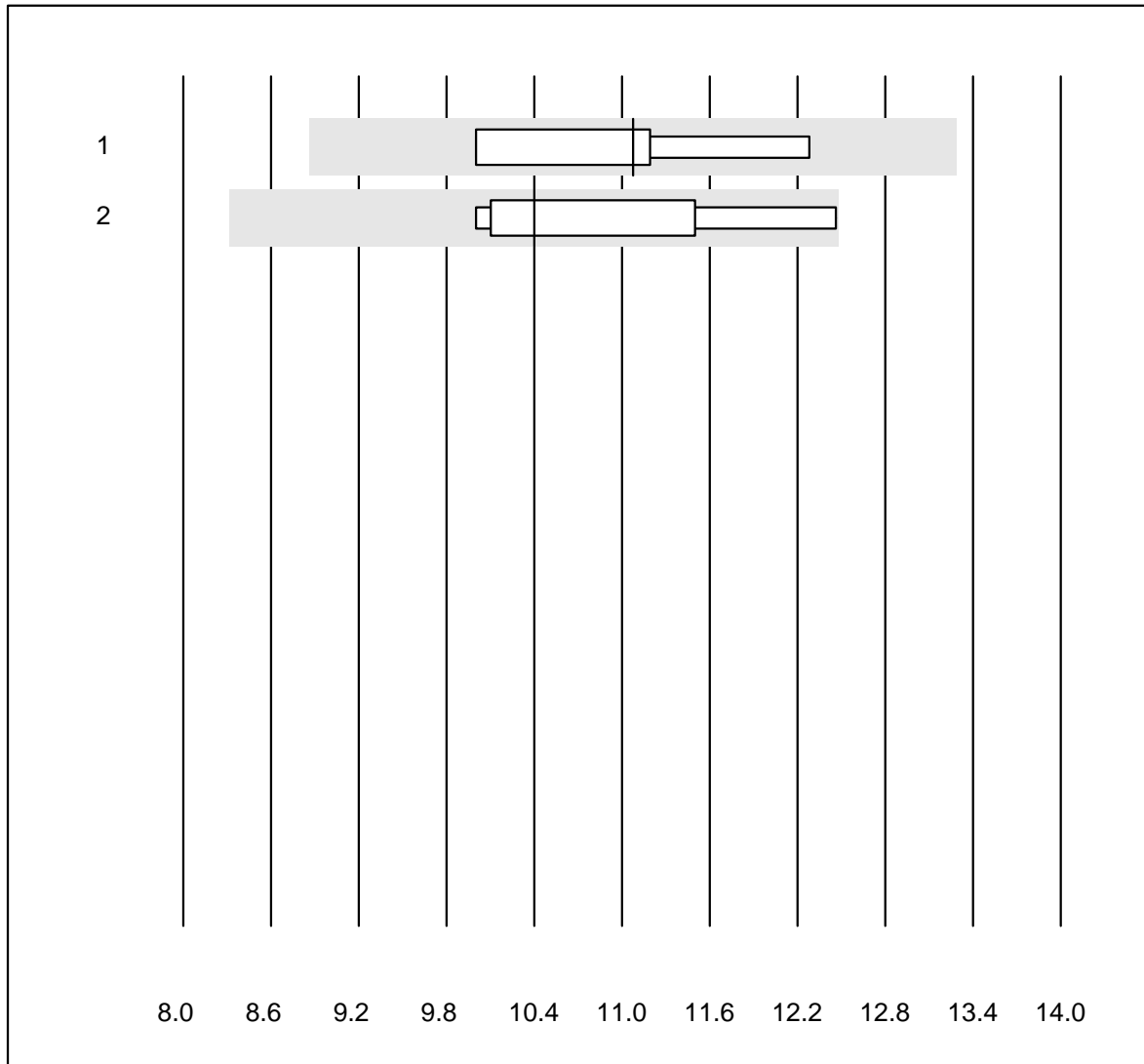


Tolleranza QUALAB : 20 %

Vitamina B12 (pmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	226.00	5.3	e*
2 Cobas E / Elecsys	7	100.0	0.0	0.0	278.50	5.4	e
3 Architect	6	100.0	0.0	0.0	262.00	5.4	e

## Acido folico

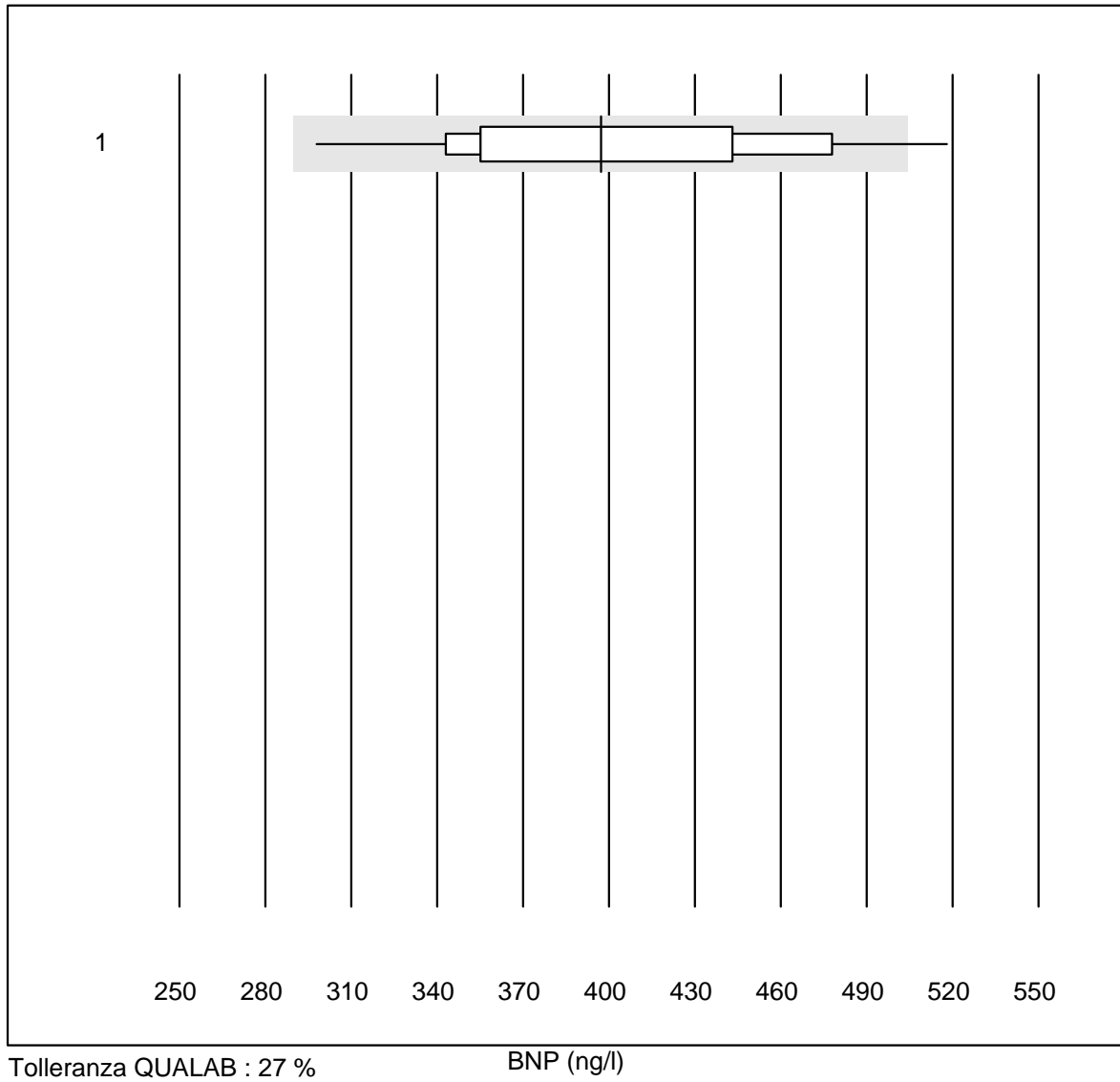


Tolleranza QUALAB : 20 %

Acido folico (nmol/l)

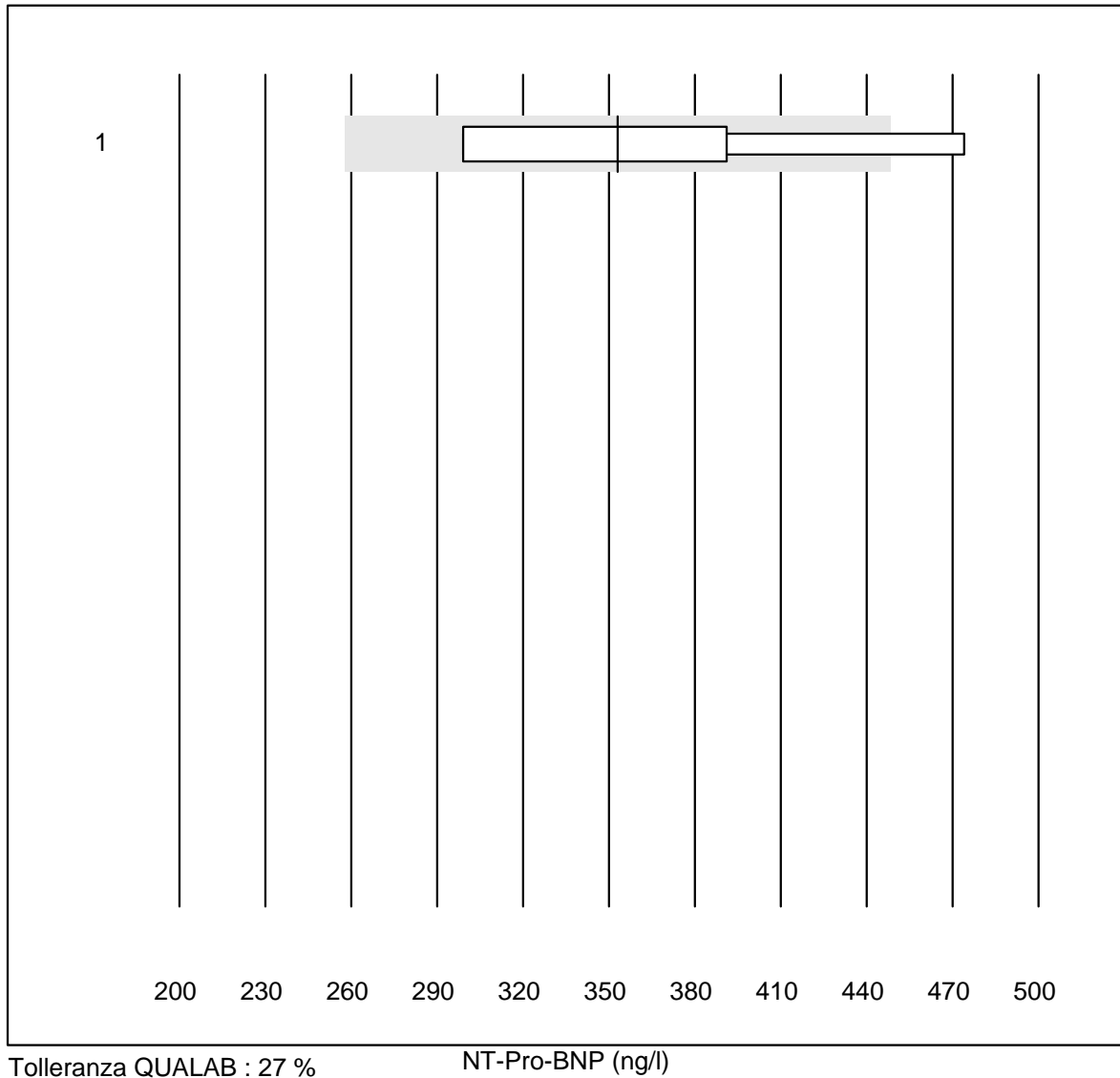
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas alt	4	100.0	0.0	0.0	11.08	8.4	a
2 Architect	5	100.0	0.0	0.0	10.40	9.7	e*

# BNP



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage	43	86.1	2.3	11.6	397.1	13.4	e

## NT-Pro-BNP

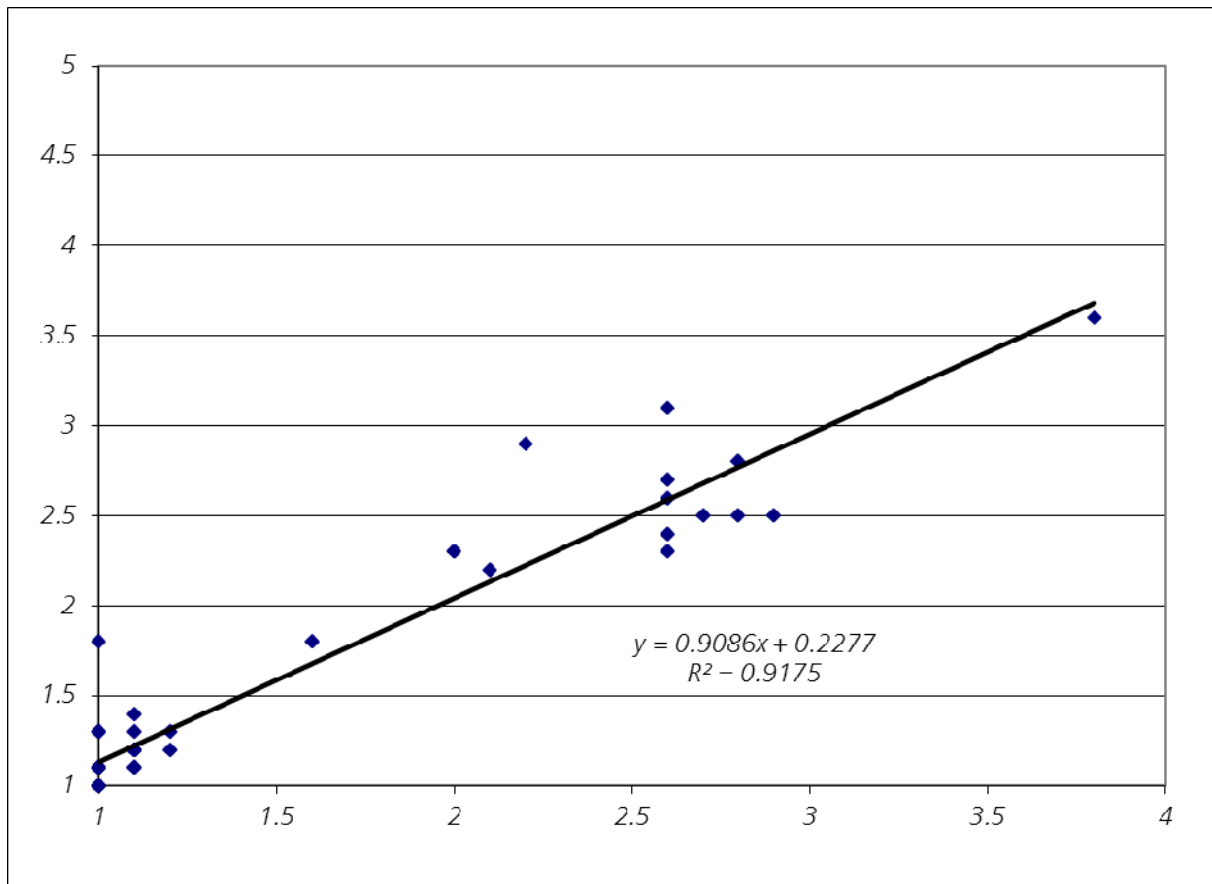


No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage	9	33.3	11.1	55.6	353	19.4	e*

## G10 Quick WB

### Quick / INR WB

Ospedale universitario Zurigo



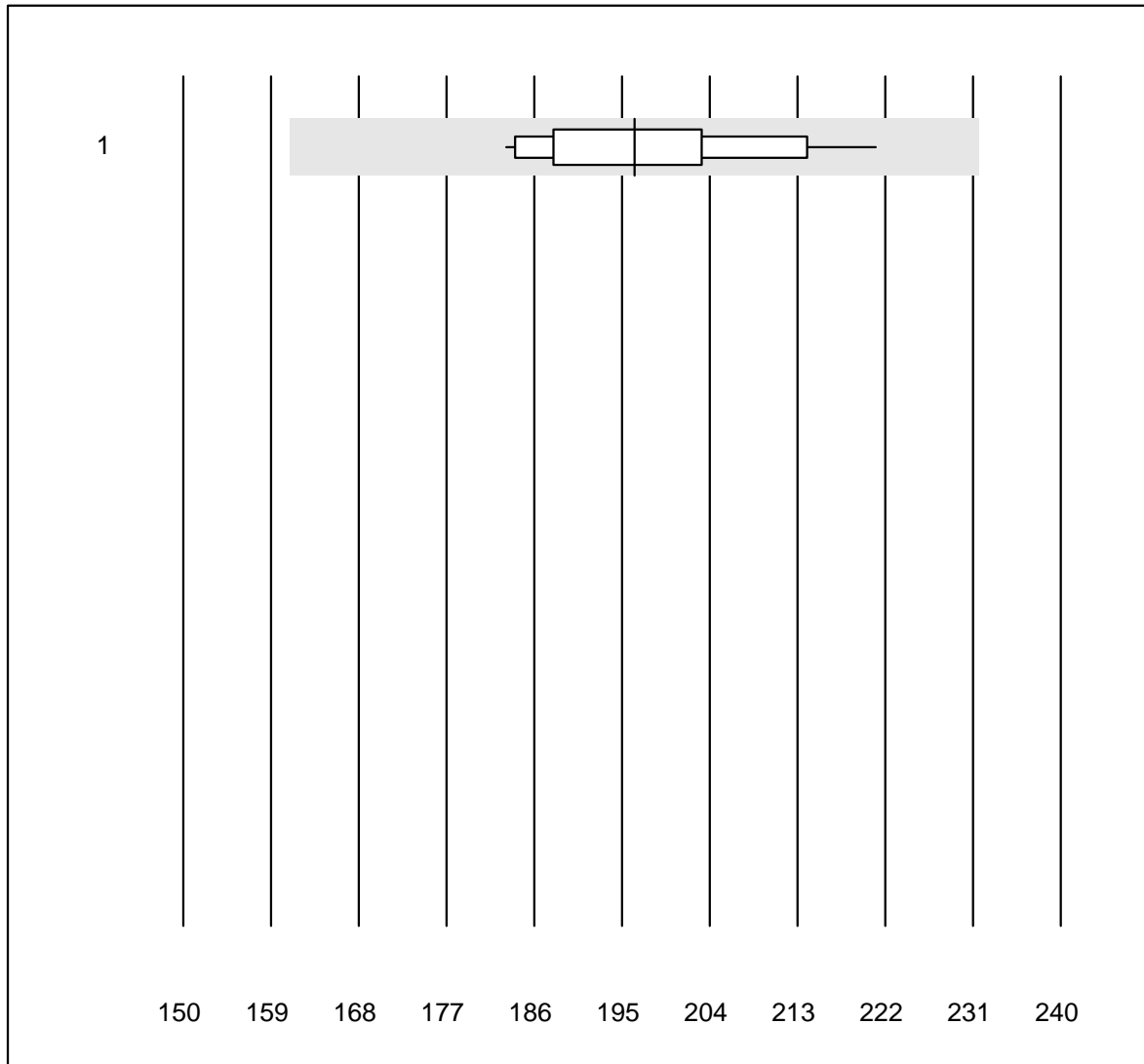
INRatio partecipanti

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	50	82.00	8.00	10.00



## Bilirubina totale Neo

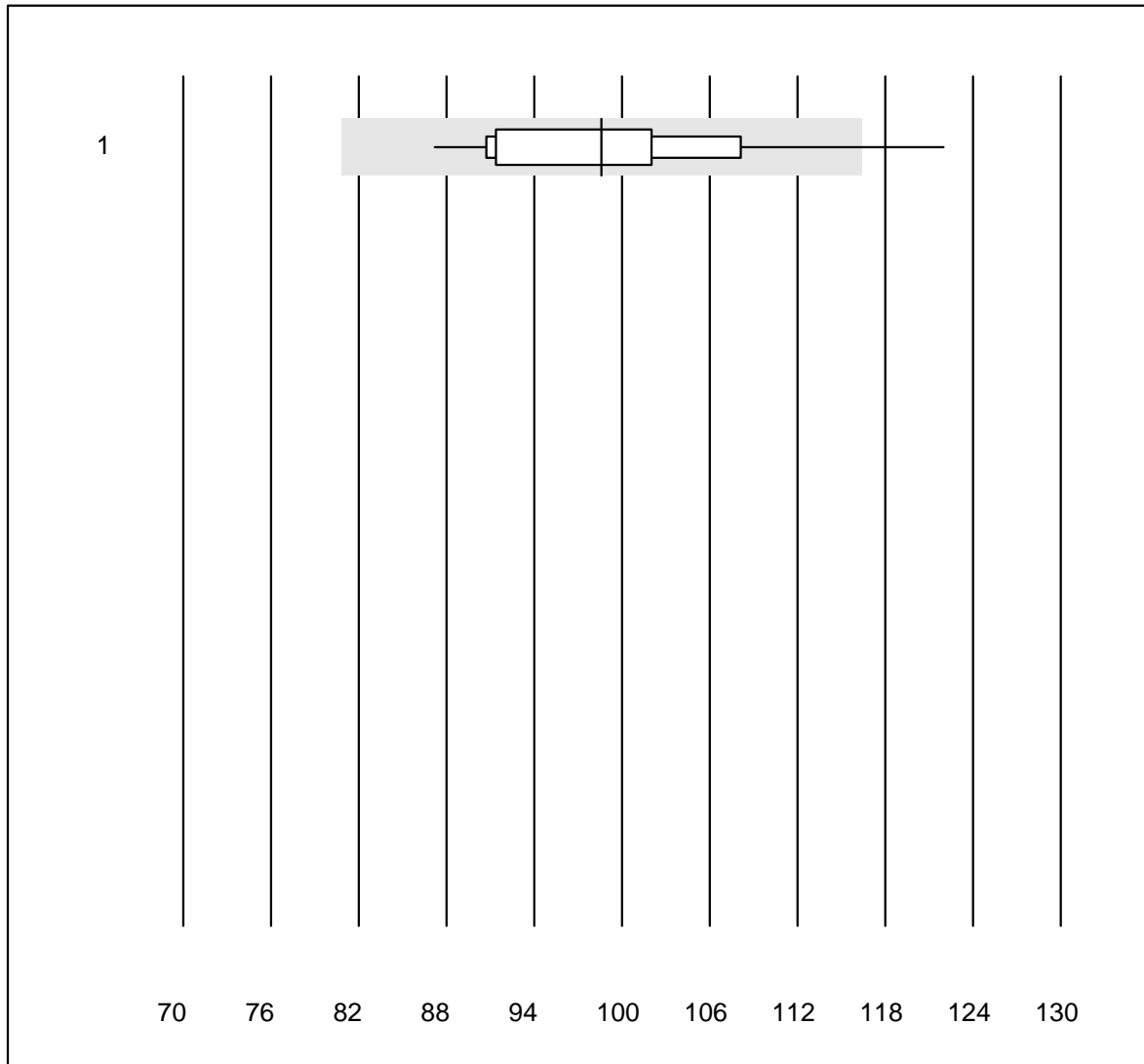


Tolleranza QUALAB : 18 %

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

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	14	100.0	0.0	0.0	196	5.8	e

## Bilirubina diretta

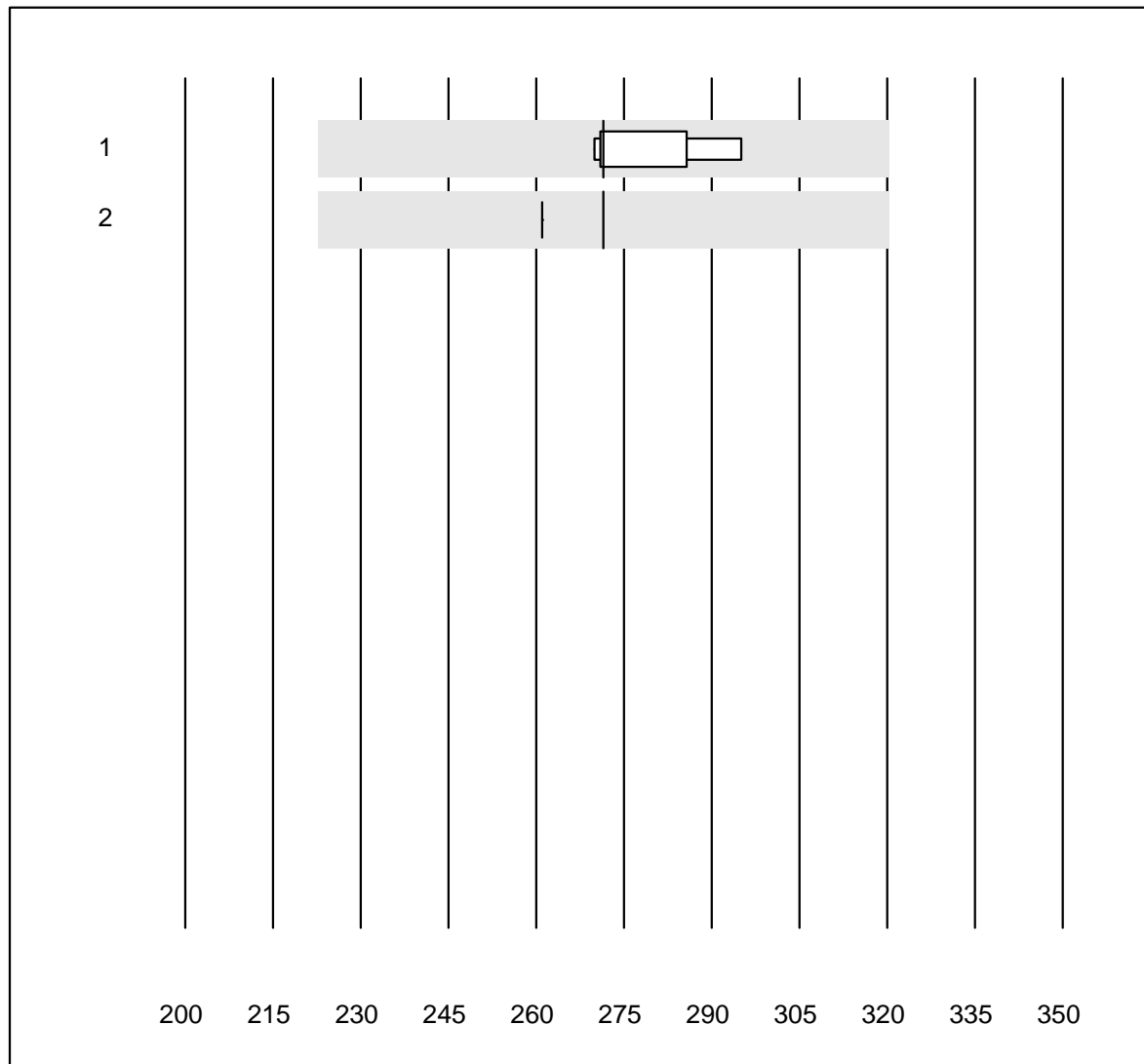


Tolleranza QUALAB : 18 %

Bilirubina diretta (μmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	12	91.7	8.3	0.0	99	9.7	e*

## Bilirubin neonatale

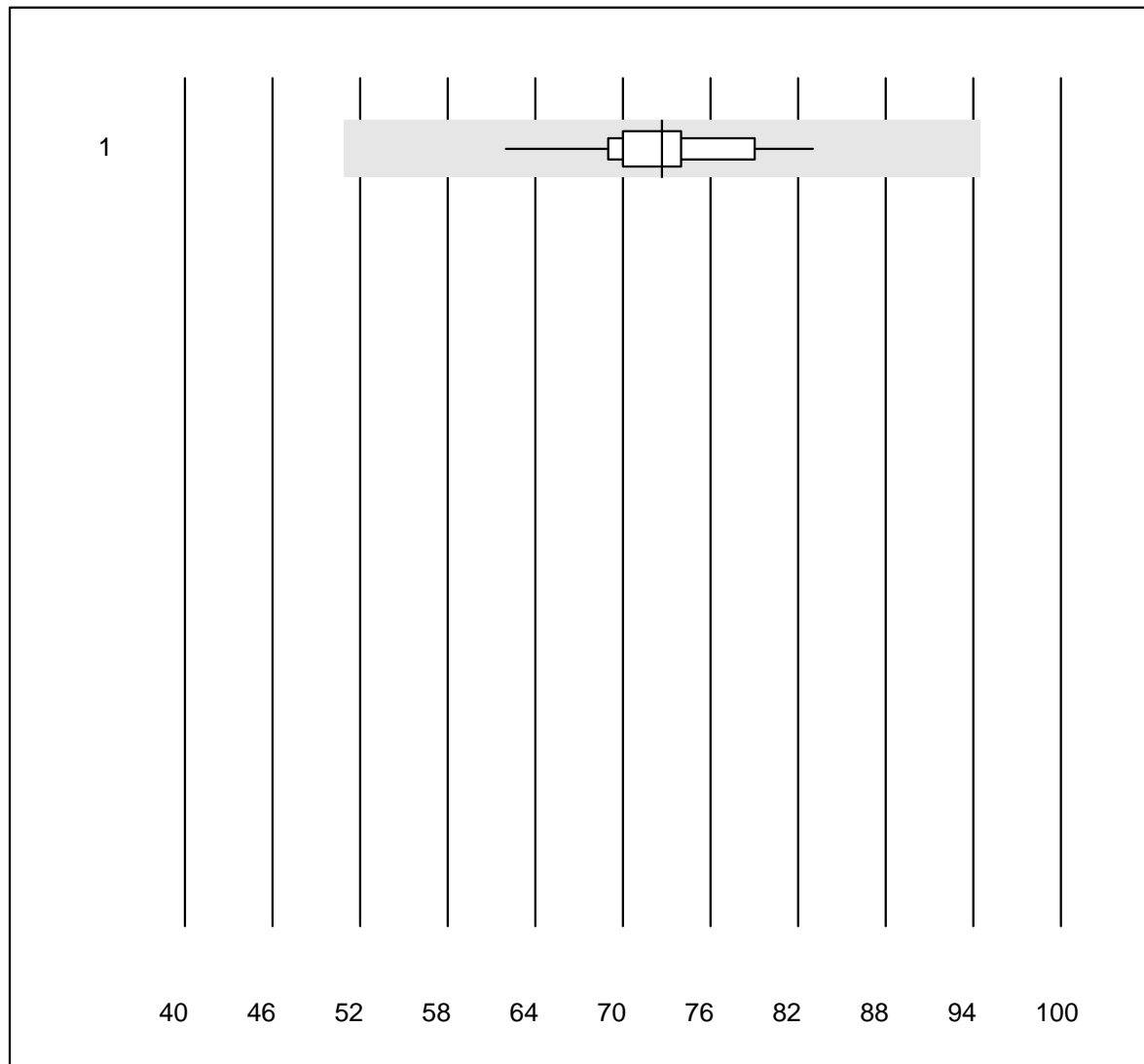


Tolleranza QUALAB : 18 %

Bilirubin neonatale (µmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	6	100.0	0.0	0.0	272	3.8	e
2 ABL700/800	4	25.0	0.0	75.0	272	0.0	a

## CK-MB

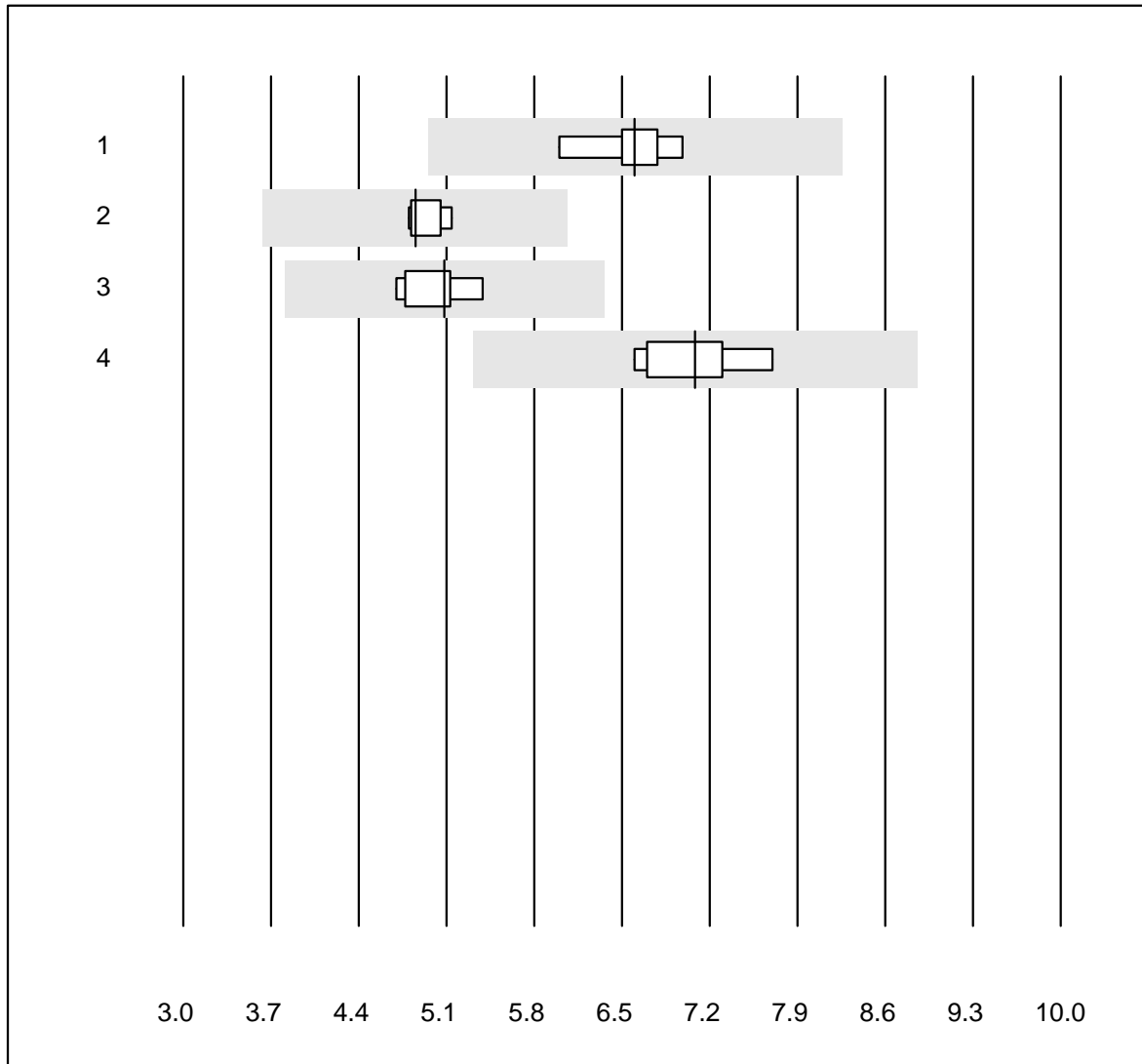


Tolleranza QUALAB : 30 %

CK-MB (U/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Fuji Dri-Chem	44	100.0	0.0	0.0	72.7	6.0	e

## PSA

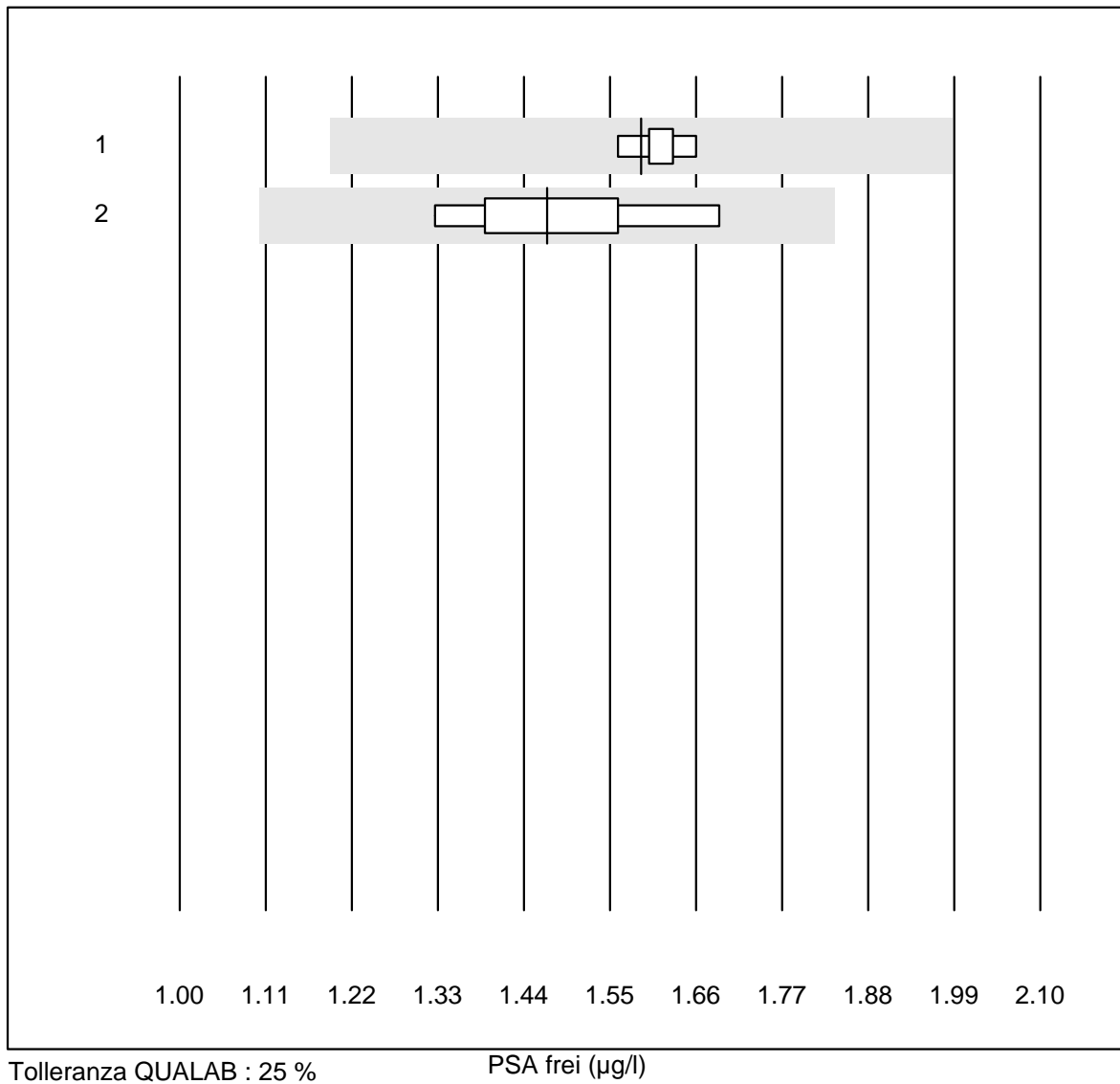


Tolleranza QUALAB : 25 %

PSA (µg/l)

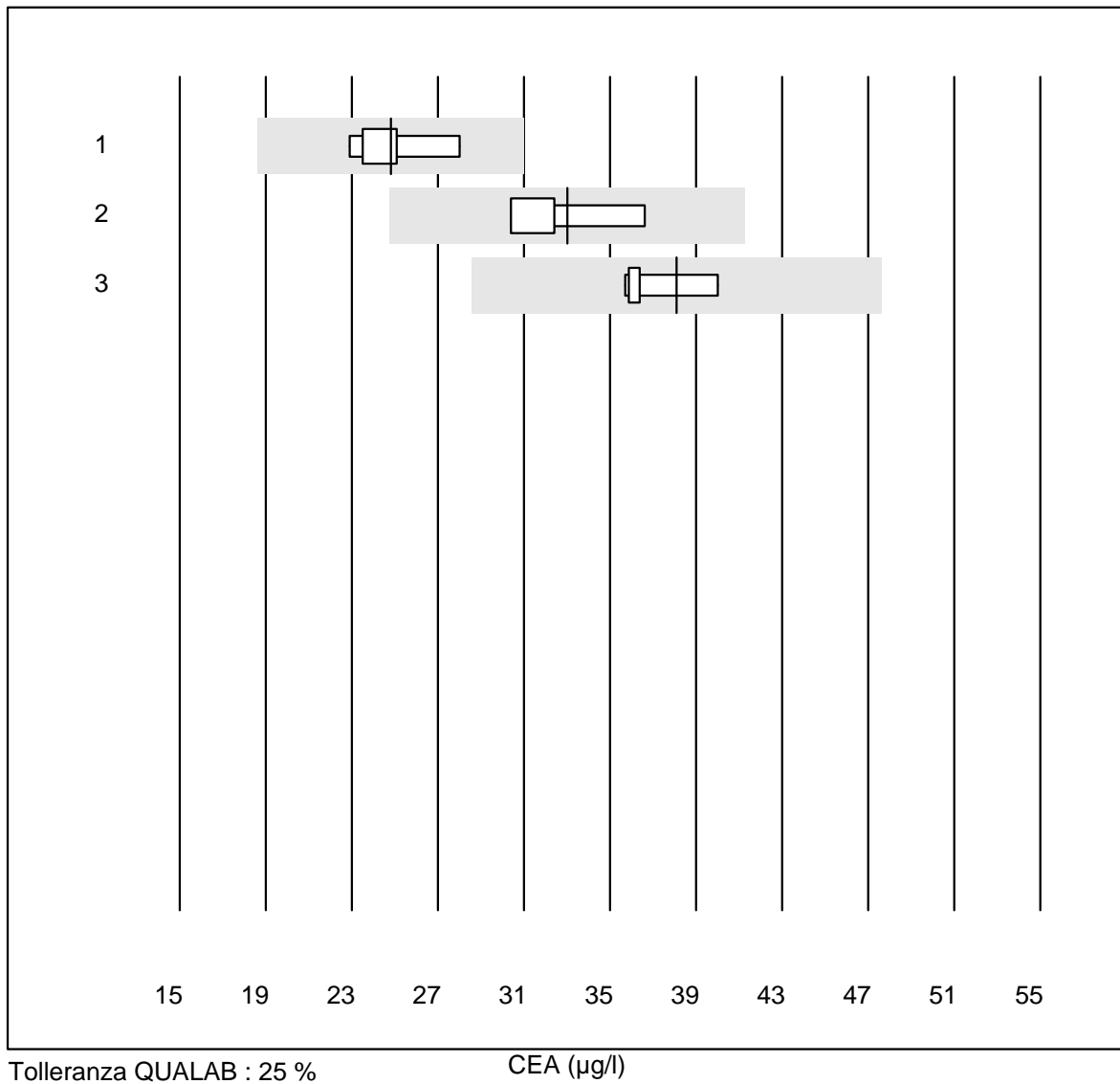
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	9	100.0	0.0	0.0	6.60	4.5	a
2 ADVIA Centaur XP/CP	5	100.0	0.0	0.0	4.85	3.1	a
3 Architect	6	100.0	0.0	0.0	5.09	5.0	a
4 Qualigen	6	83.3	0.0	16.7	7.08	6.3	a

## PSA frei



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	5	100.0	0.0	0.0	1.59	2.3	a
2 Architect	5	100.0	0.0	0.0	1.47	9.8	a

## CEA

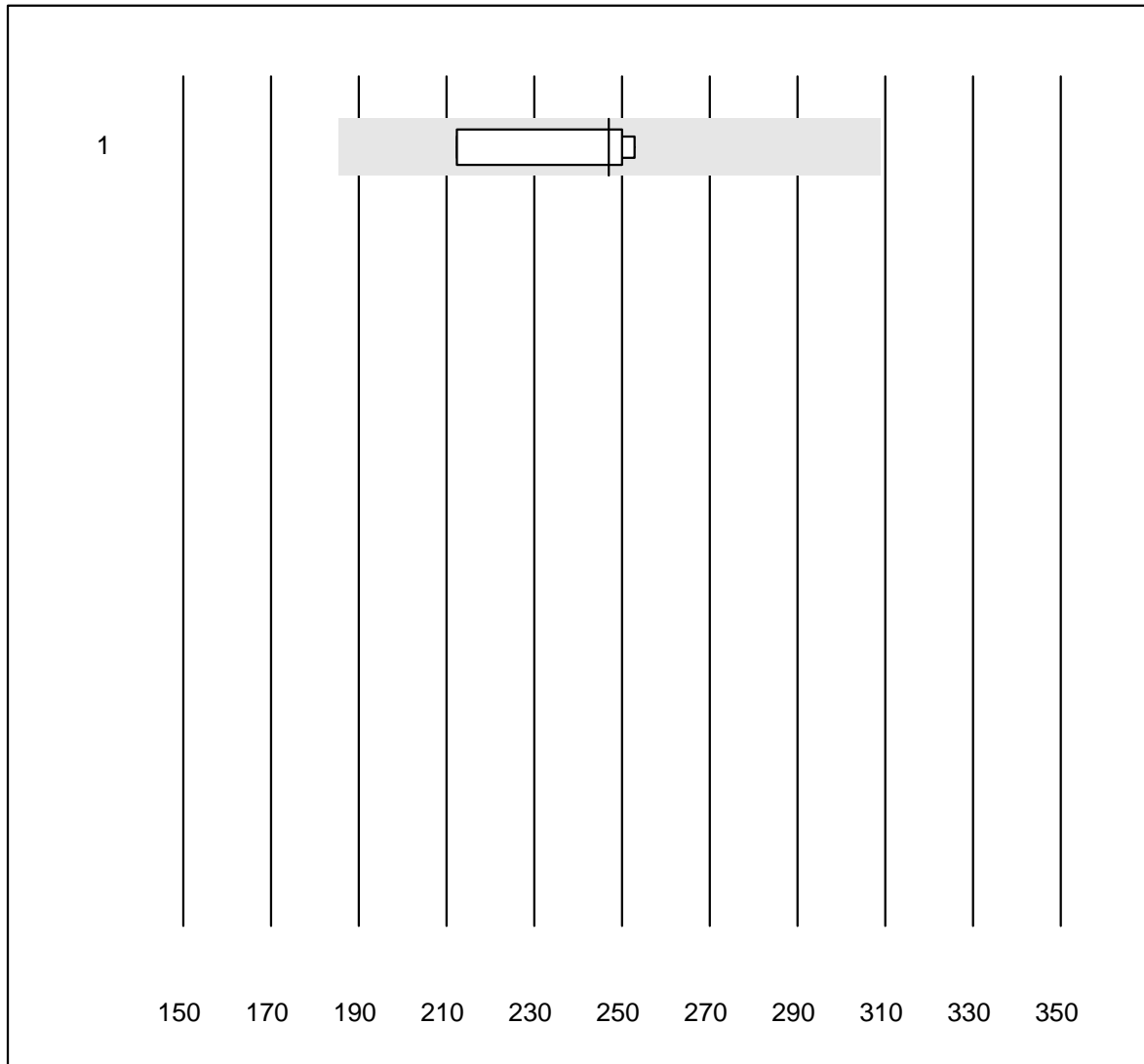


Tolleranza QUALAB : 25 %

CEA (µg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	6	100.0	0.0	0.0	24.8	7.4	a
2 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	33.0	8.1	a
3 Architect	5	100.0	0.0	0.0	38.1	4.9	a

# CA 125



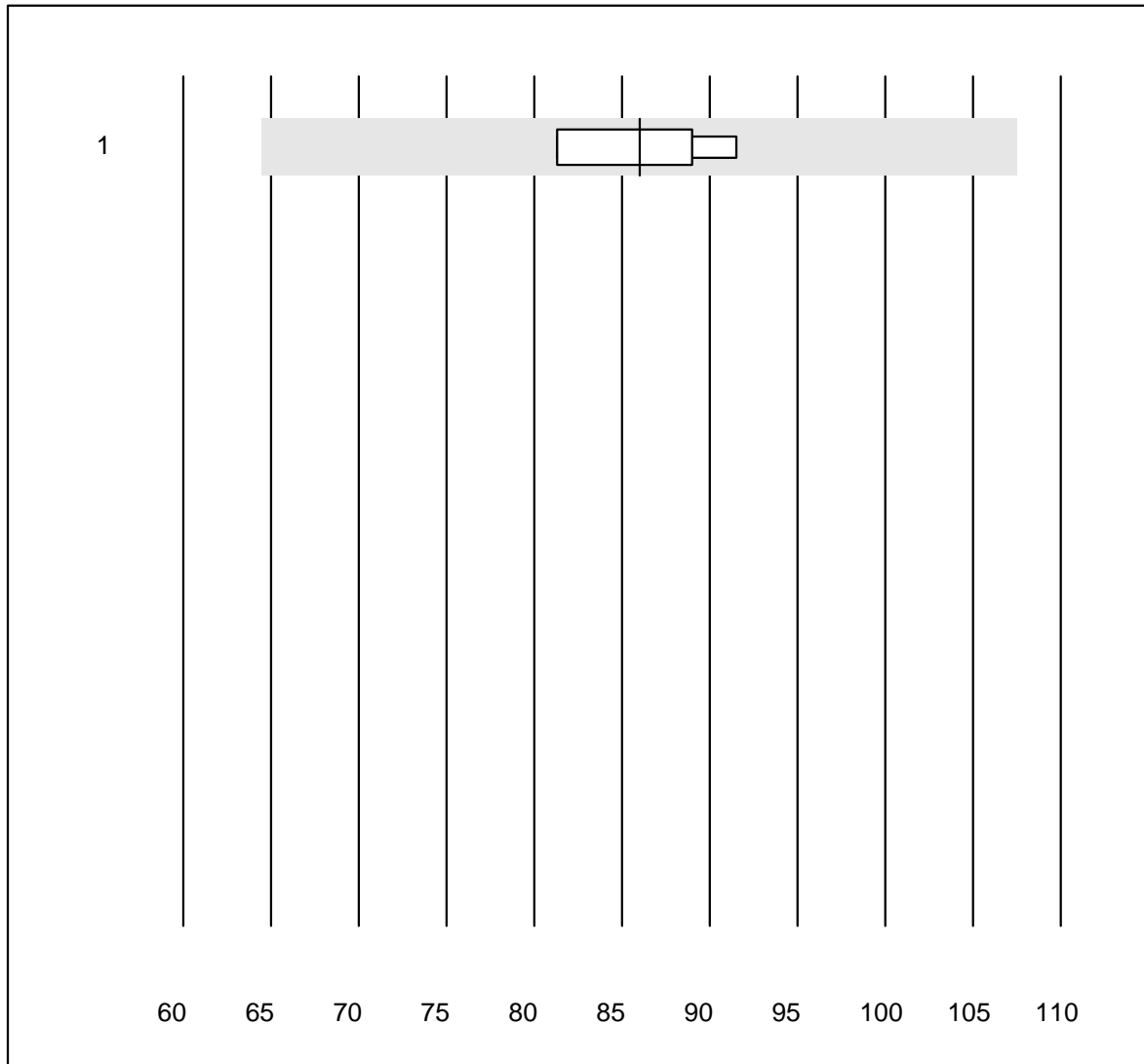
Tolleranza QUALAB : 25 %

CA 125 (kIU/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Architect	4	100.0	0.0	0.0	247.0	7.7	a



## CA 15-3

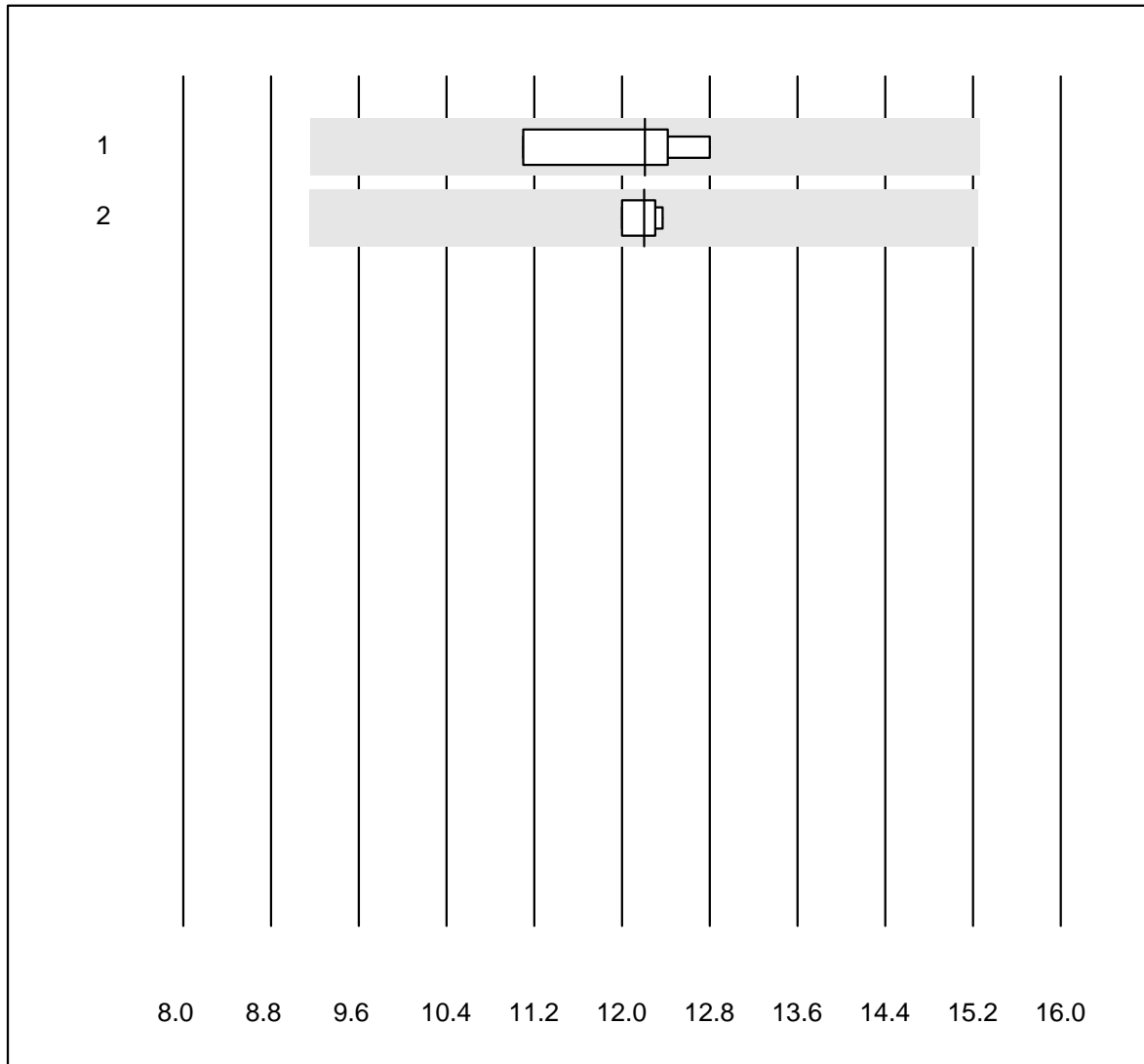


Tolleranza QUALAB : 25 %

CA 15-3 (kIU/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Architect	4	100.0	0.0	0.0	86.0	5.6	a

# AFP

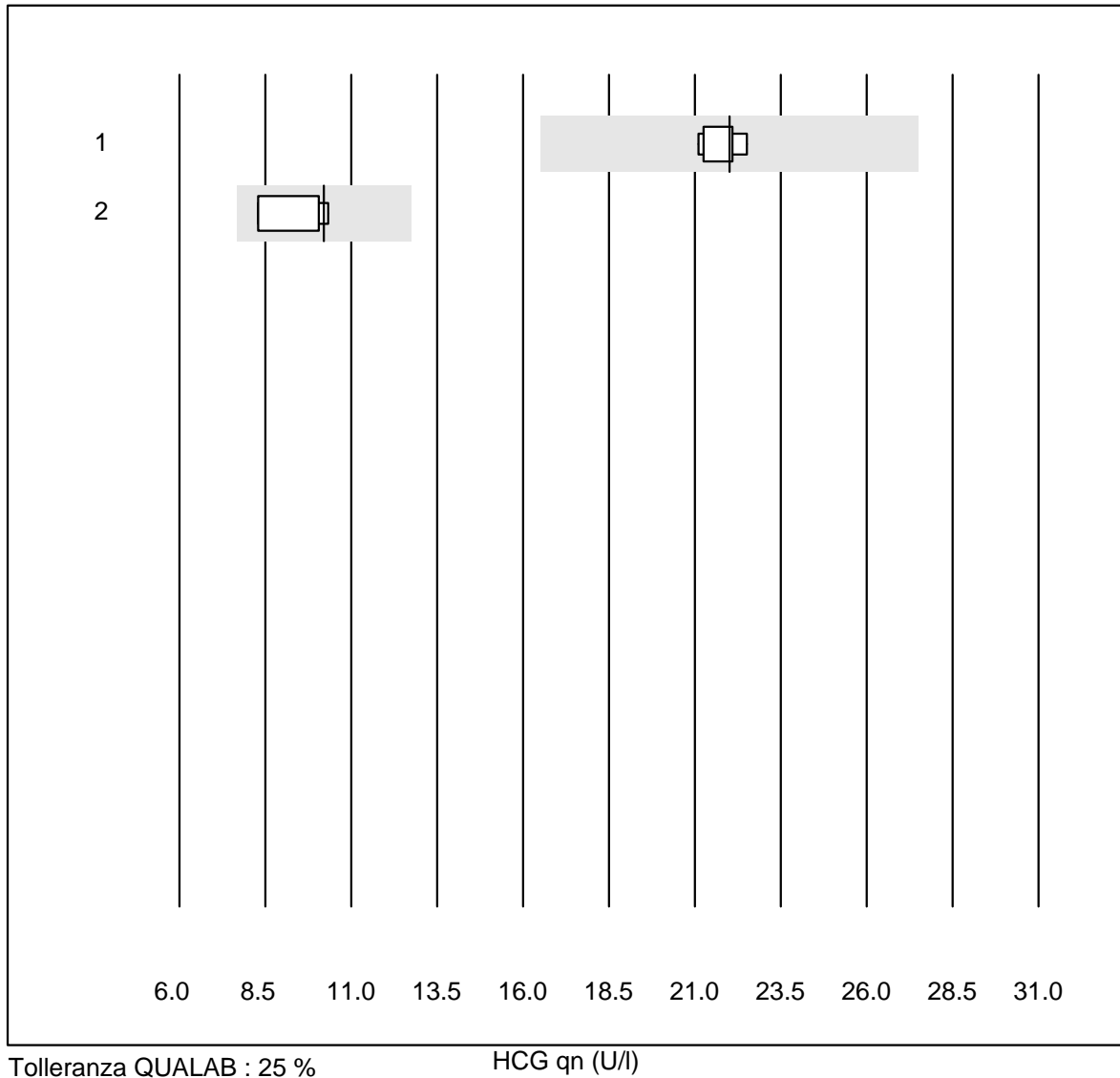


Tolleranza QUALAB : 25 %

AFP (µg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	4	100.0	0.0	0.0	12	6.0	e*
2 Architect	4	100.0	0.0	0.0	12	1.4	e

## HCG qn

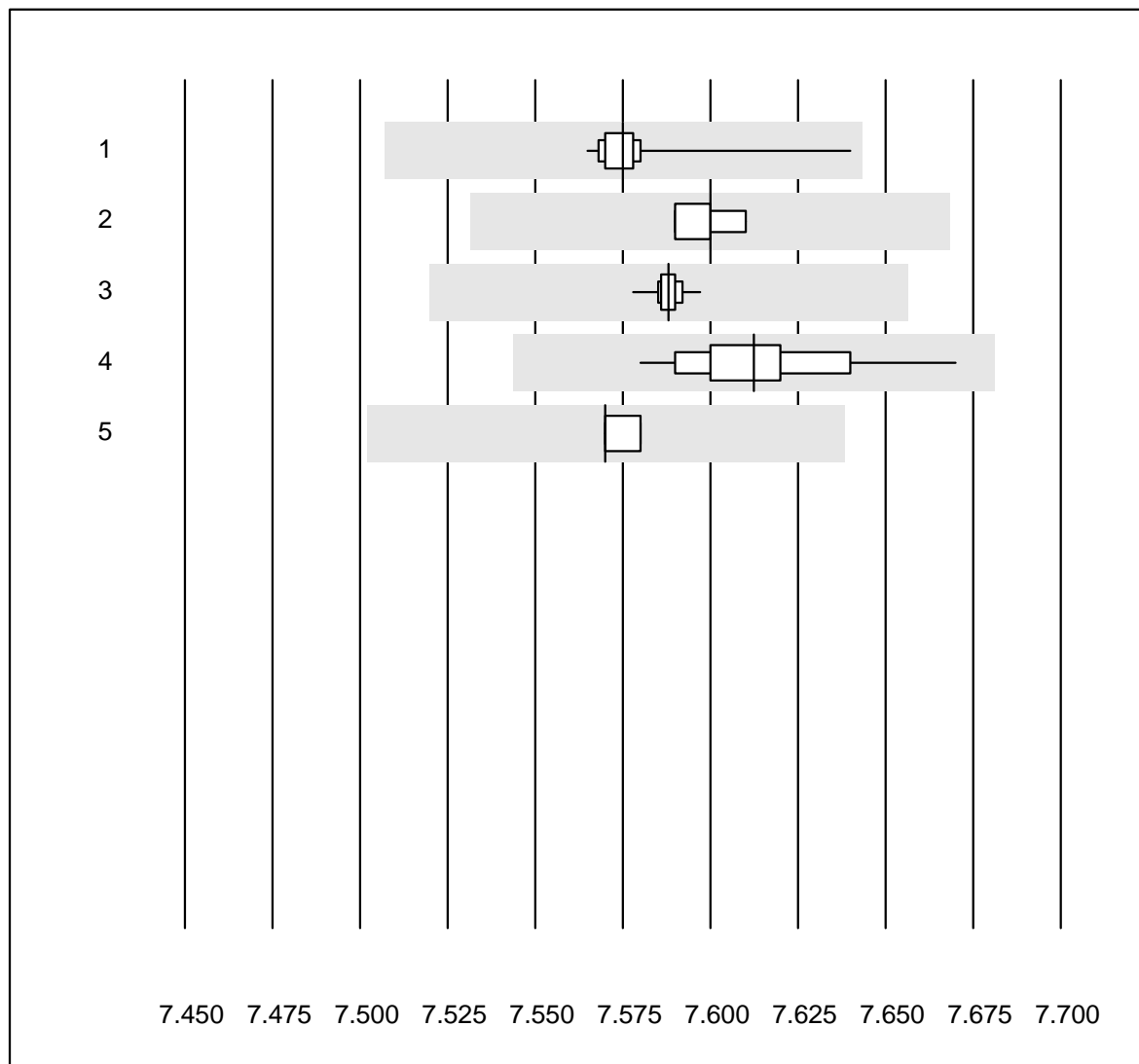


Tolleranza QUALAB : 25 %

HCG qn (U/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas E / Elecsys	5	100.0	0.0	0.0	22	2.7	a
2 Vidas	4	100.0	0.0	0.0	10	9.5	a

# pH OR

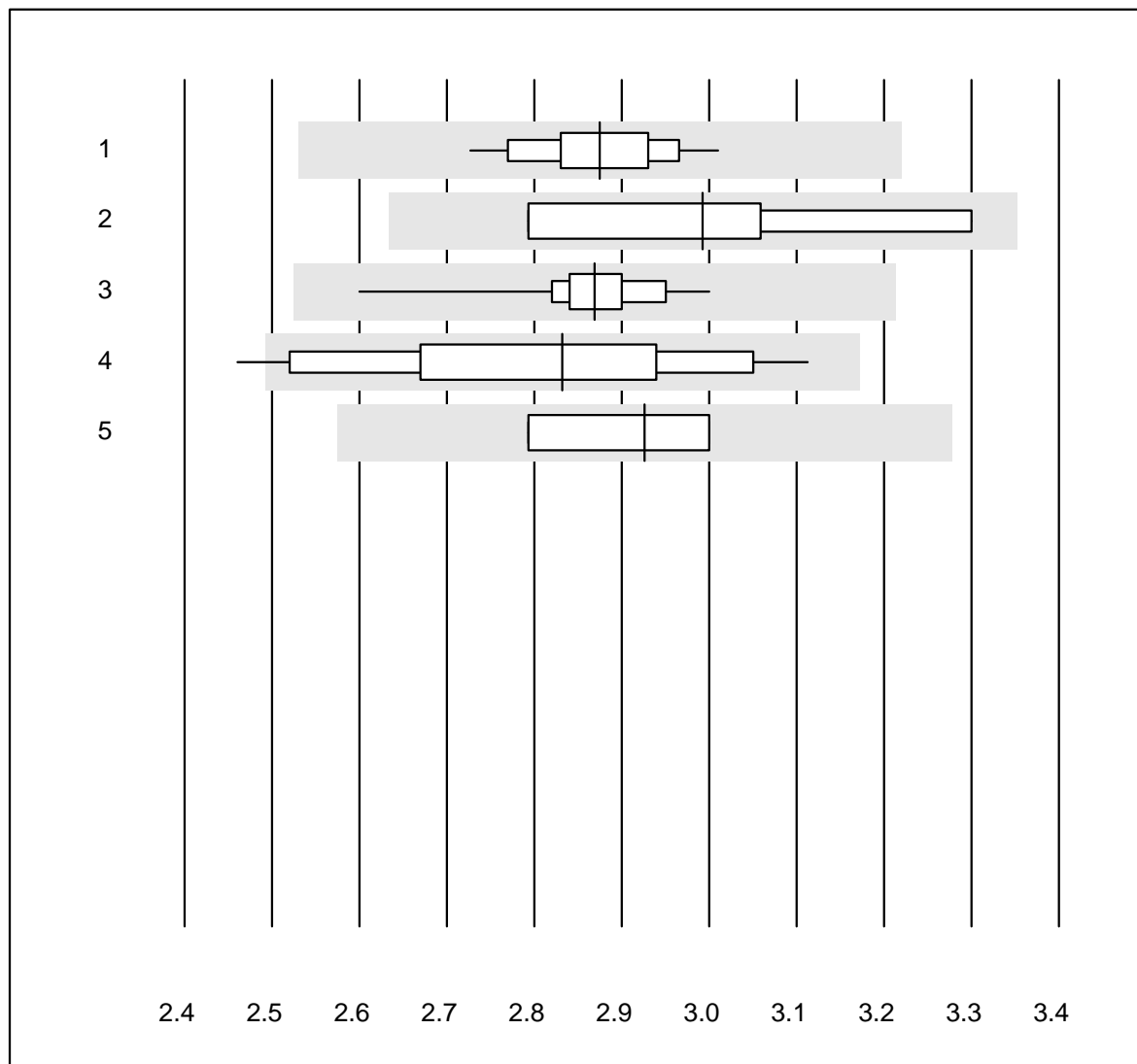


Tolleranza QUALAB : 1 %

pH OR ()

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	83	100.0	0.0	0.0	7.58	0.1	e
2 Radiometer NPT-7	4	100.0	0.0	0.0	7.60	0.1	e
3 ABL 90	33	100.0	0.0	0.0	7.59	0.0	e
4 ABL 80 / Coox	22	100.0	0.0	0.0	7.61	0.3	e
5 ABL 5	5	100.0	0.0	0.0	7.57	0.1	e

### pCO2 OR

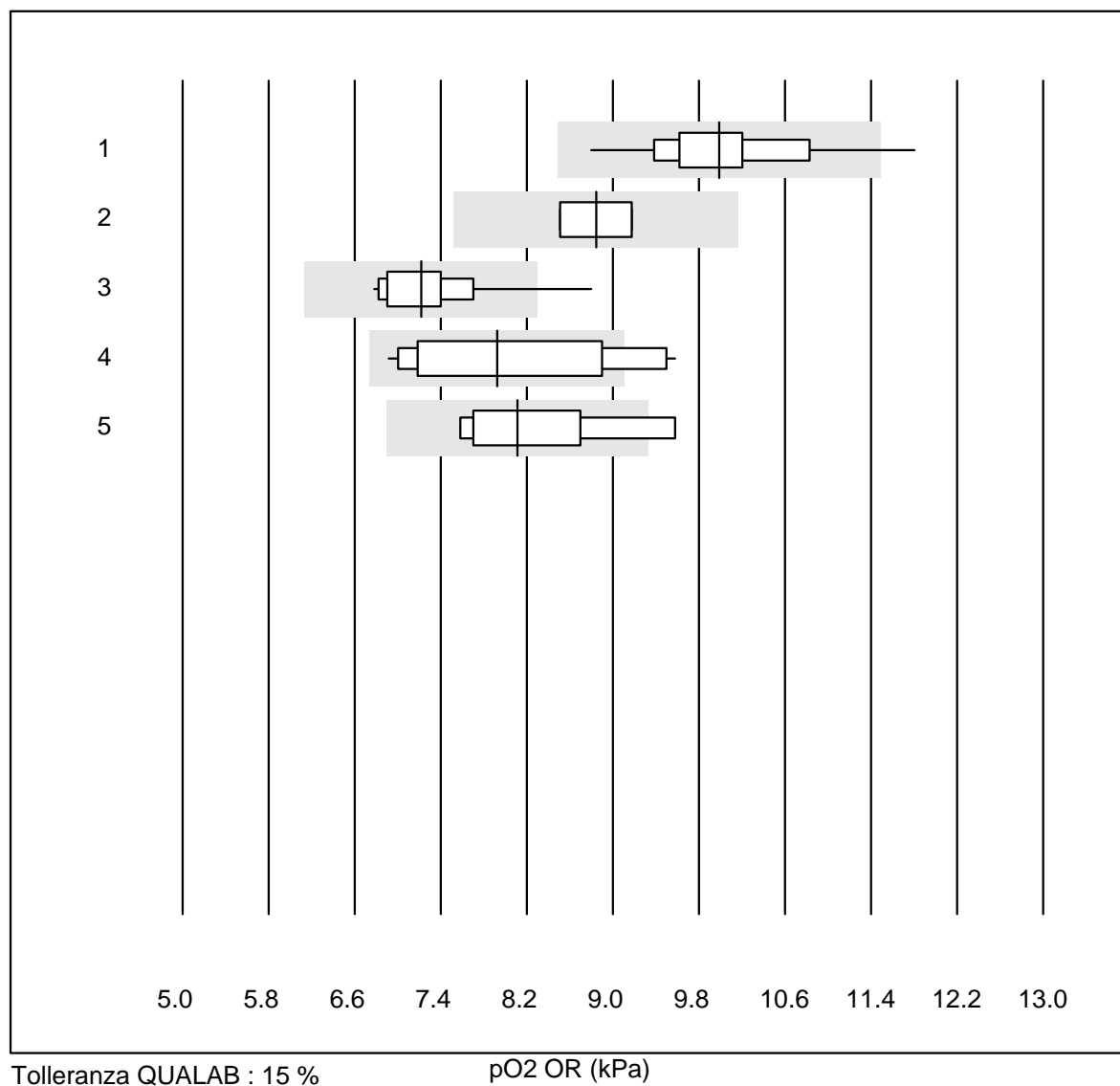


Tolleranza QUALAB : 12 %

pCO2 OR (kPa)

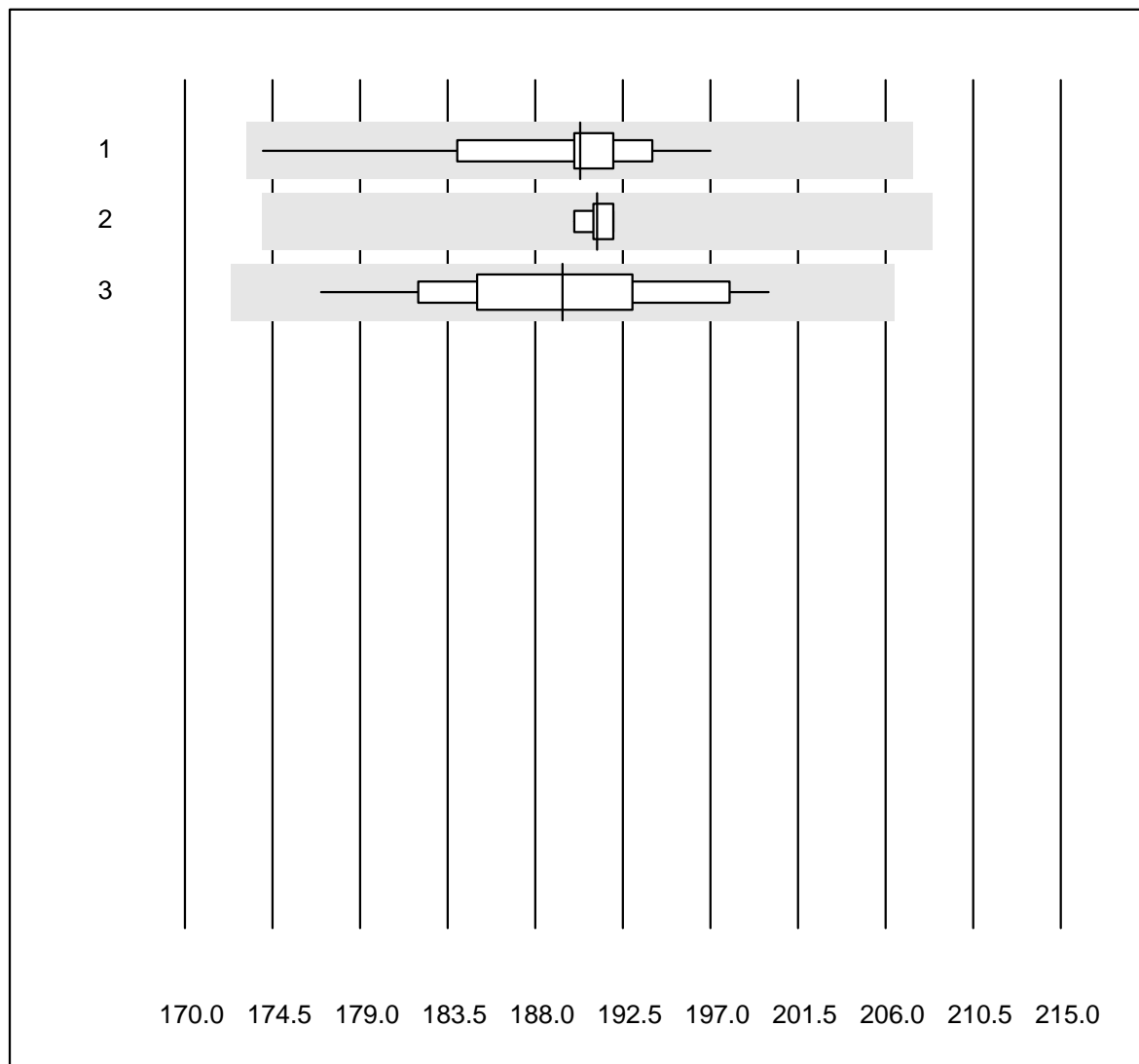
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	82	100.0	0.0	0.0	2.87	2.5	e
2 Radiometer NPT-7	4	100.0	0.0	0.0	2.99	7.2	e*
3 ABL 90	33	100.0	0.0	0.0	2.87	2.3	e
4 ABL 80 / Coox	22	86.4	4.5	9.1	2.83	6.6	e
5 ABL 5	5	100.0	0.0	0.0	2.93	3.6	e*

## pO2 OR



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	82	96.4	2.4	1.2	9.99	5.8	e
2 Radiometer NPT-7	4	75.0	0.0	25.0	8.84	4.4	e*
3 ABL 90	33	75.8	3.0	21.2	7.22	6.3	e
4 ABL 80 / Coox	22	68.2	13.6	18.2	7.92	12.1	e*
5 ABL 5	5	80.0	20.0	0.0	8.11	9.8	e*

### ctHb OR

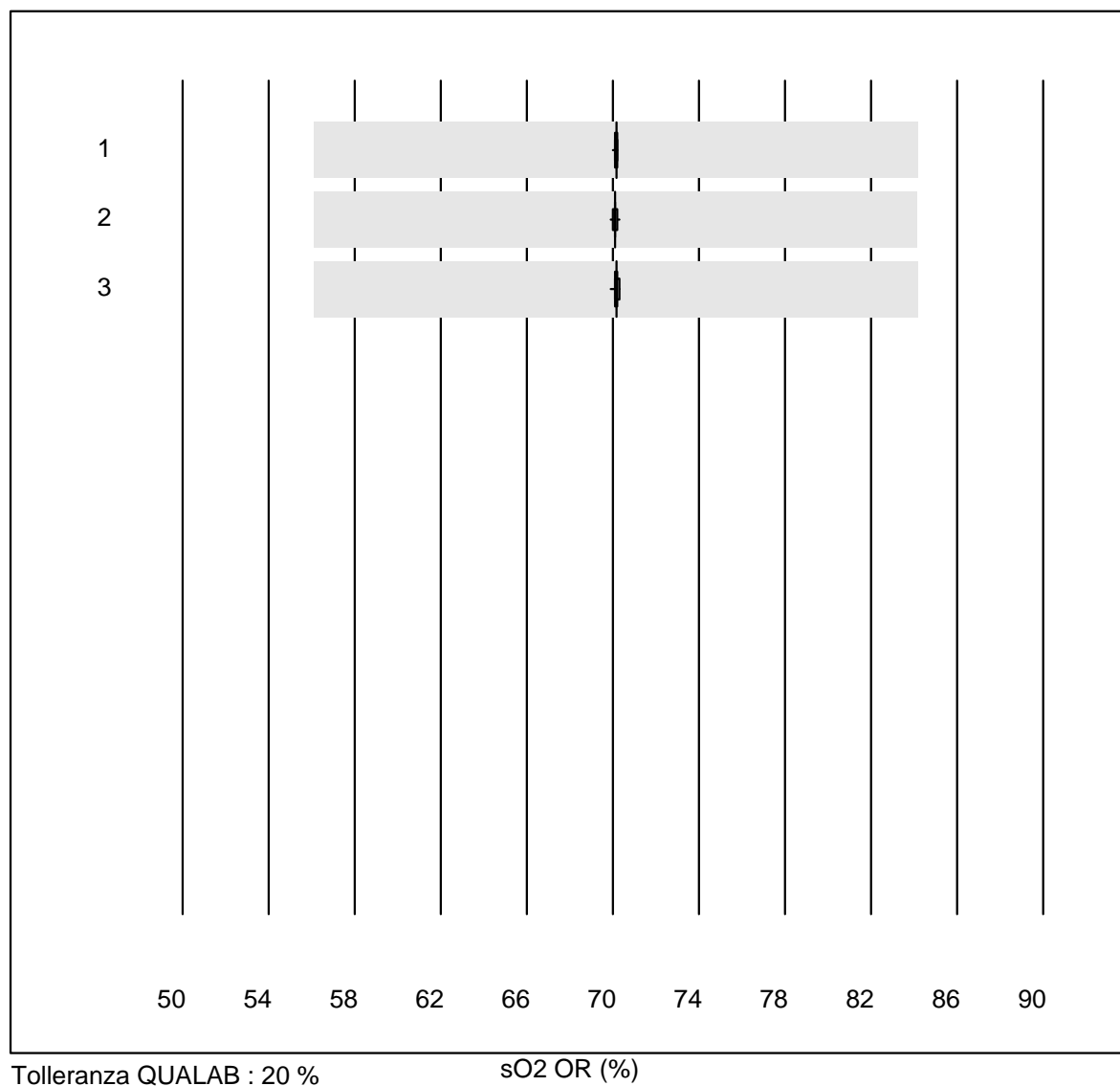


Tolleranza QUALAB : 9 %

ctHb OR (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	71	100.0	0.0	0.0	190.3	2.3	e
2 ABL 90	33	93.9	0.0	6.1	191.2	0.3	e
3 ABL 80 / Coox	15	100.0	0.0	0.0	189.4	3.2	e

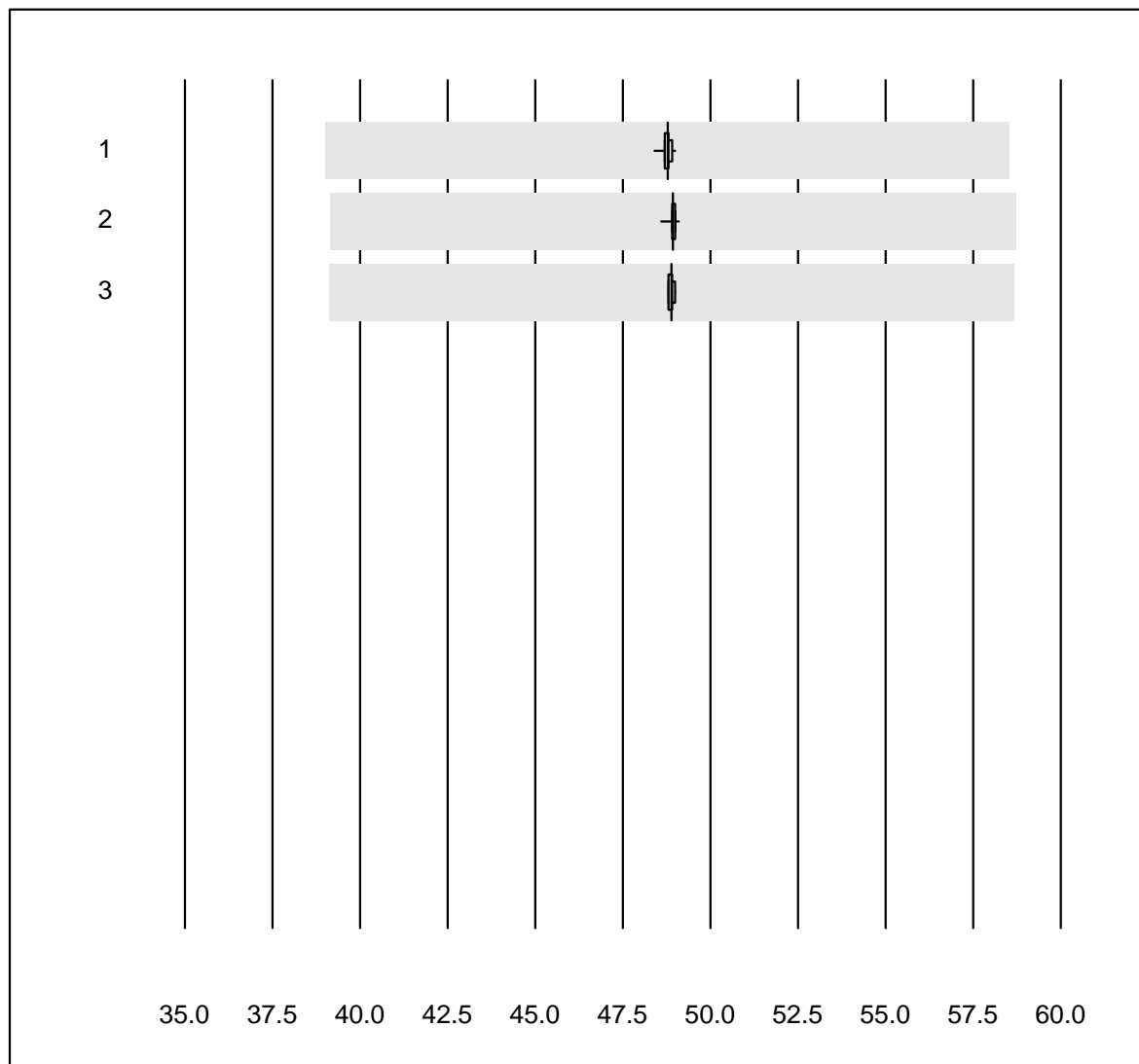
## sO2 OR



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	57	100.0	0.0	0.0	70.153	0.1	e
2 ABL 90	31	96.8	0.0	3.2	70.103	0.1	e
3 ABL 80 / Coox	14	92.9	0.0	7.1	70.162	0.2	e



## FO2Hb OR

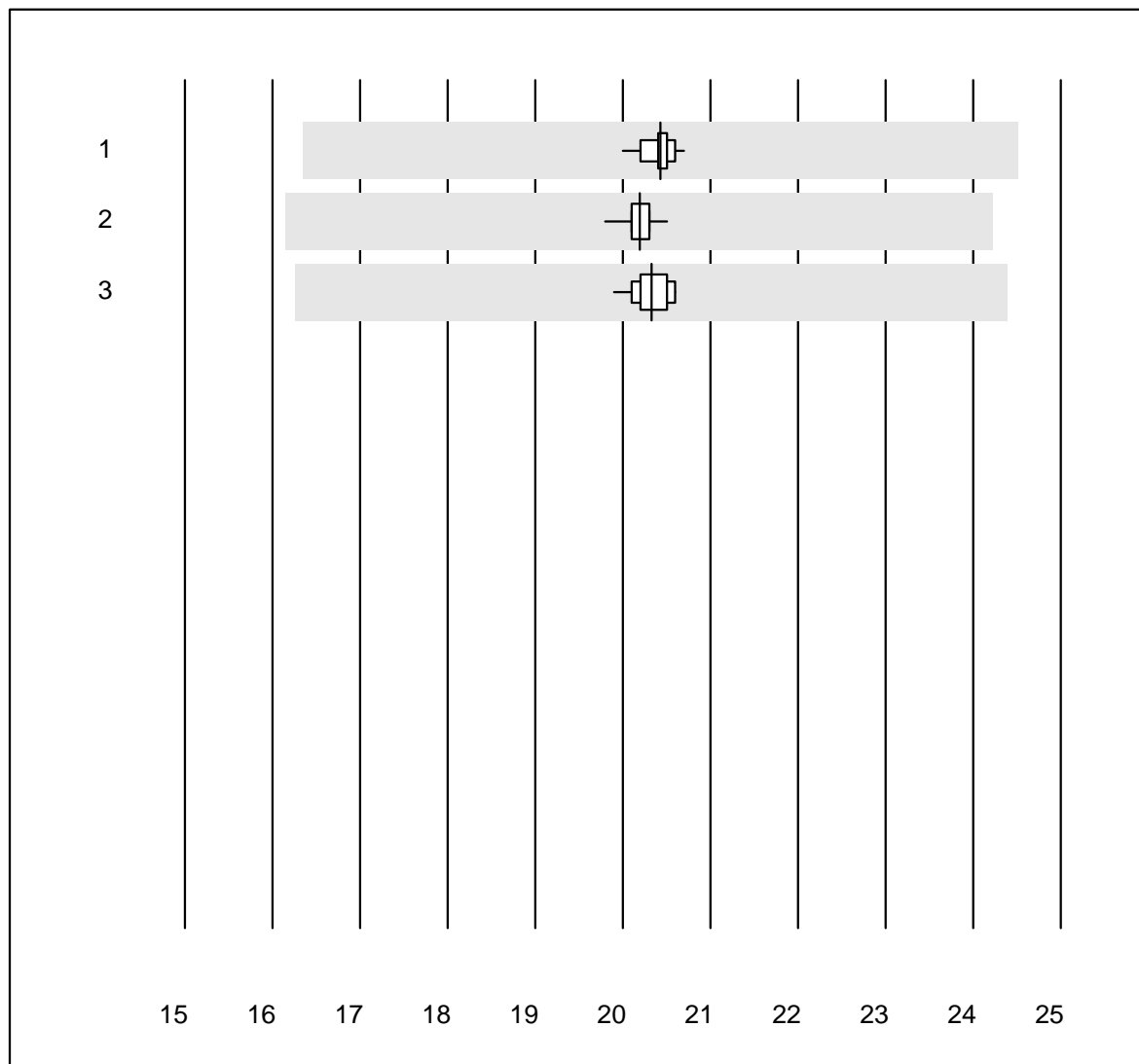


Tolleranza QUALAB : 20 %

FO2Hb OR (%)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	52	100.0	0.0	0.0	48.773	0.2	e
2 ABL 90	31	100.0	0.0	0.0	48.929	0.2	e
3 ABL 80 / Coox	15	100.0	0.0	0.0	48.893	0.1	e

## FCOHb OR

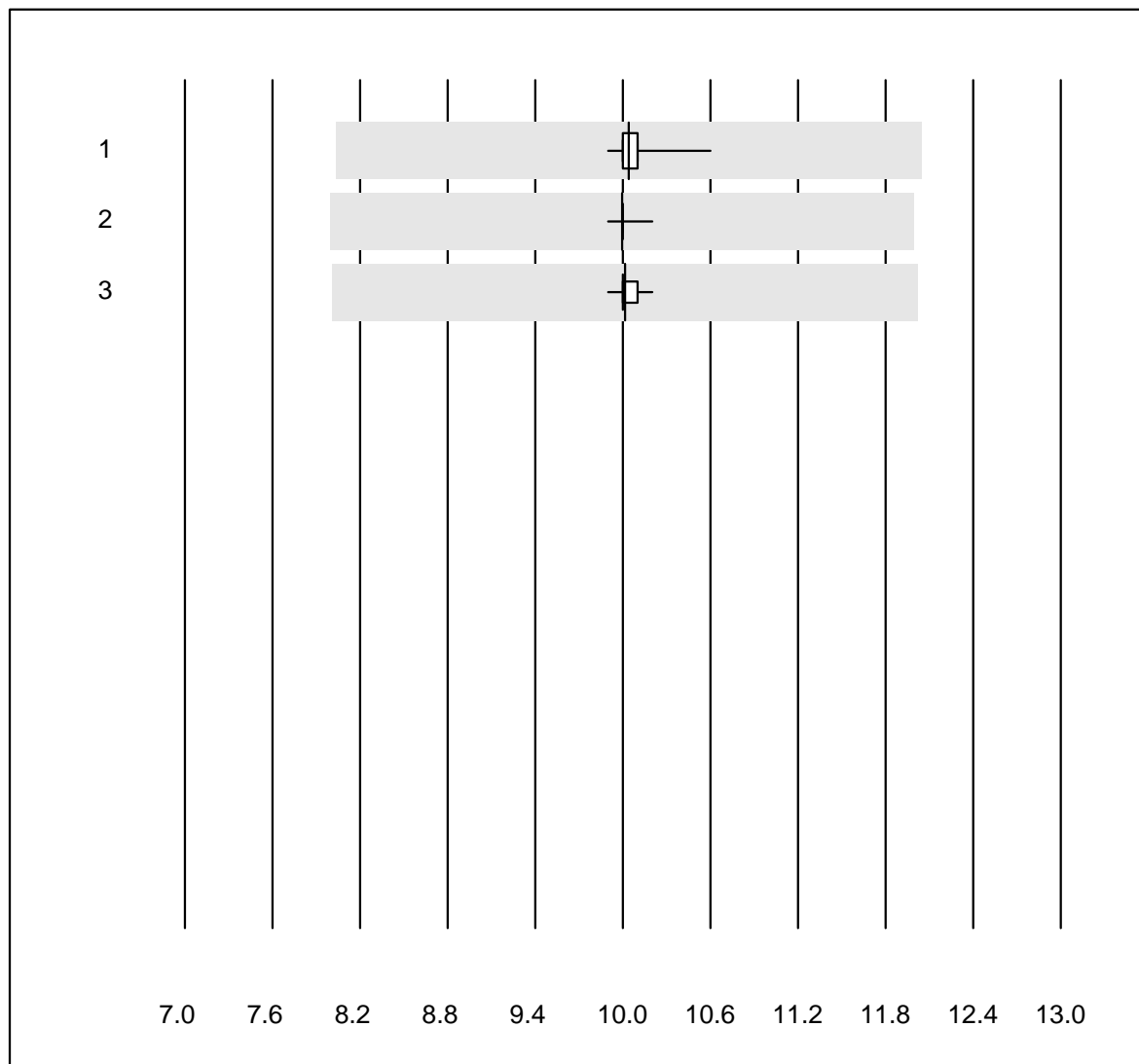


Tolleranza QUALAB : 20 %

FCOHb OR (%)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	52	100.0	0.0	0.0	20.427	0.7	e
2 ABL 90	31	100.0	0.0	0.0	20.190	0.6	e
3 ABL 80 / Coox	15	100.0	0.0	0.0	20.327	1.0	e

### FMetHb OR

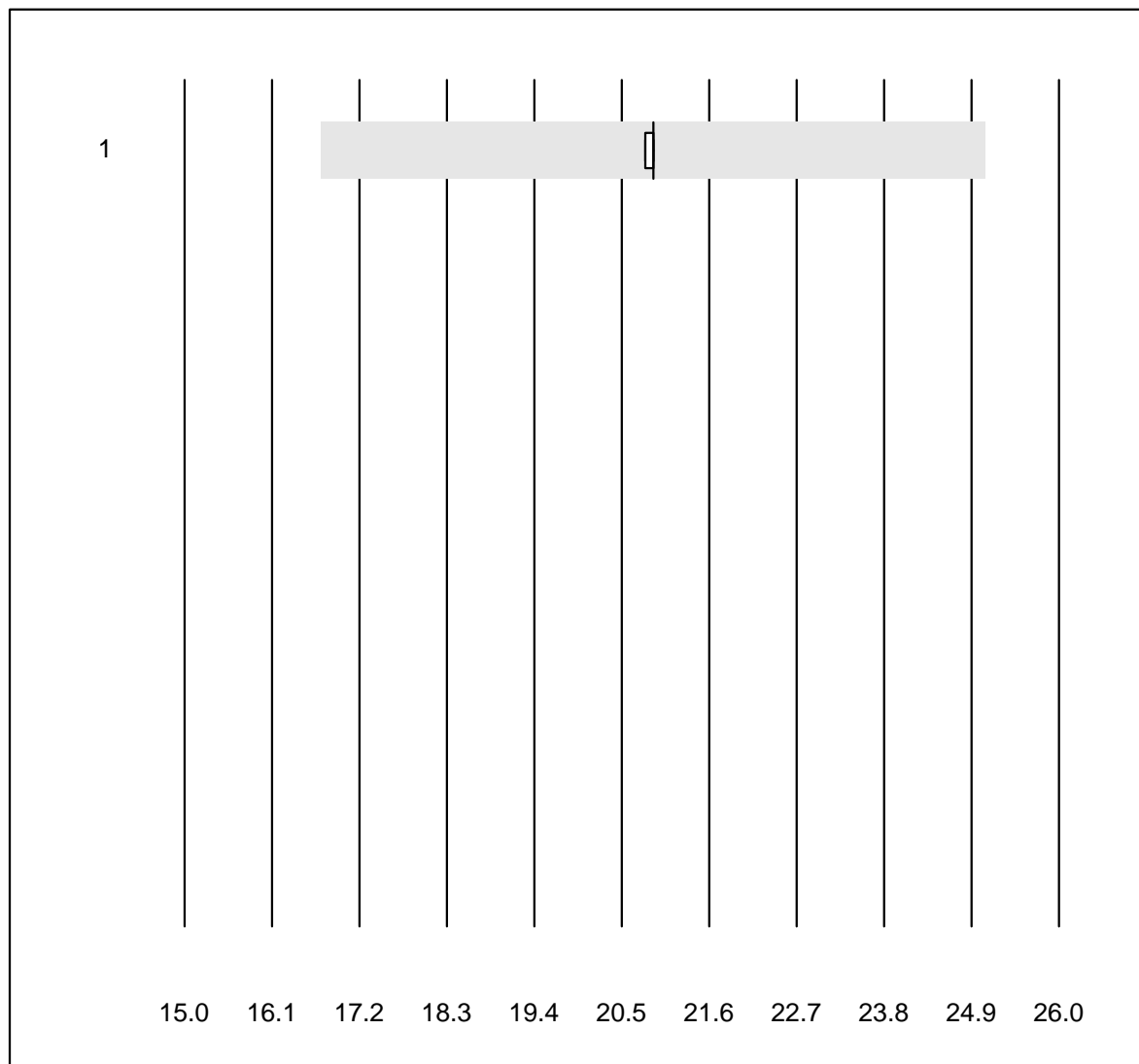


Tolleranza QUALAB : 20 %

FMetHb OR (%)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	54	100.0	0.0	0.0	10.041	1.2	e
2 ABL 90	31	100.0	0.0	0.0	9.997	0.5	e
3 ABL 80 / Coox	15	100.0	0.0	0.0	10.013	0.6	e

### FHHb

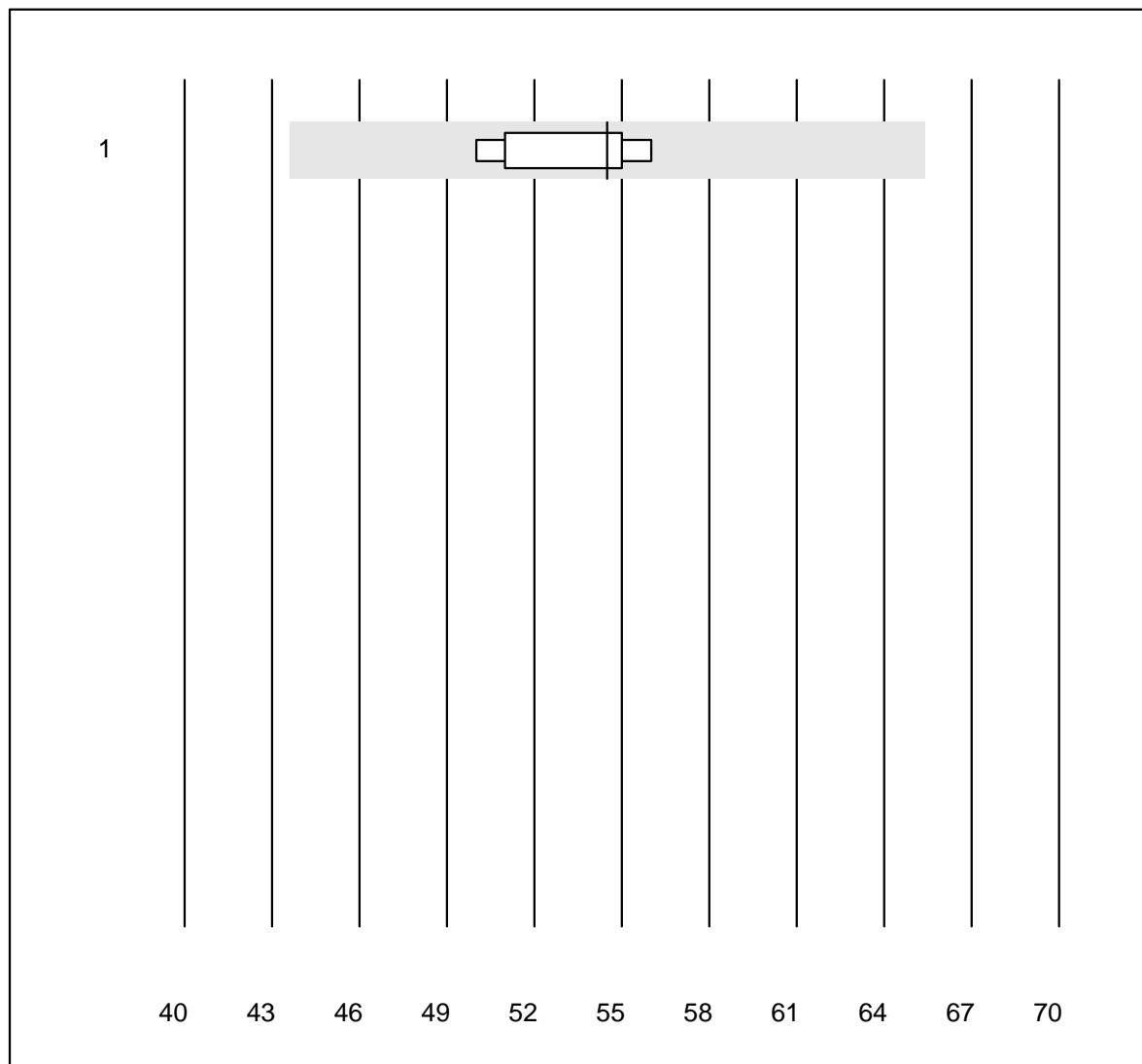


Tolleranza QUALAB : 20 %

FHHb (%)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL 80 / Coox	5	100.0	0.0	0.0	20.900	0.3	e

# FHbF OR

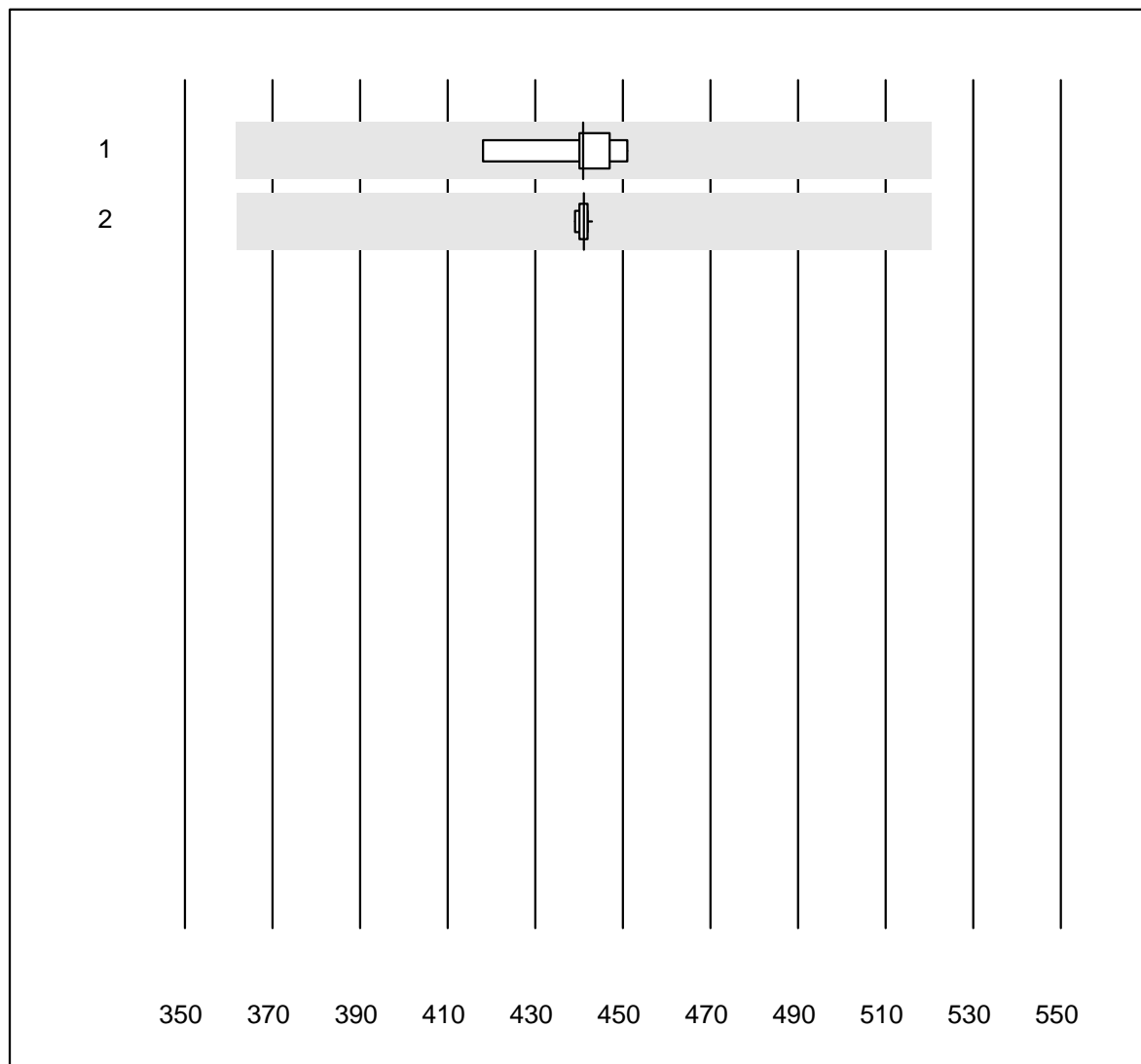


Tolleranza QUALAB : 20 %

FHbF OR (%)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL 90	8	100.0	0.0	0.0	54.500	4.0	e

## Bilirubin OR

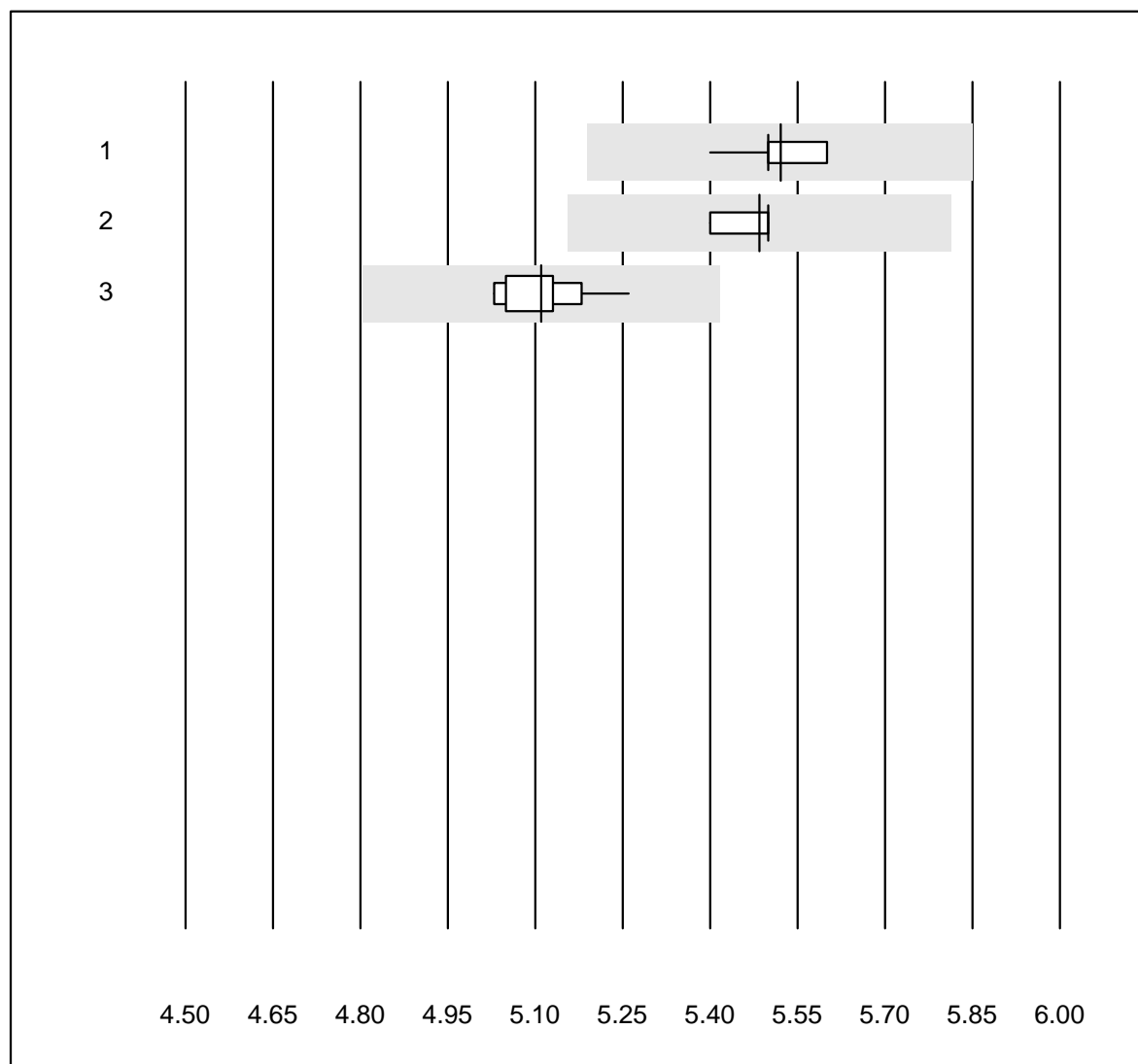


Tolleranza QUALAB : 18 %

Bilirubin OR (µmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	5	100.0	0.0	0.0	441.0	2.9	e
2 ABL 90	12	100.0	0.0	0.0	441.1	0.3	e

## Kalium OR

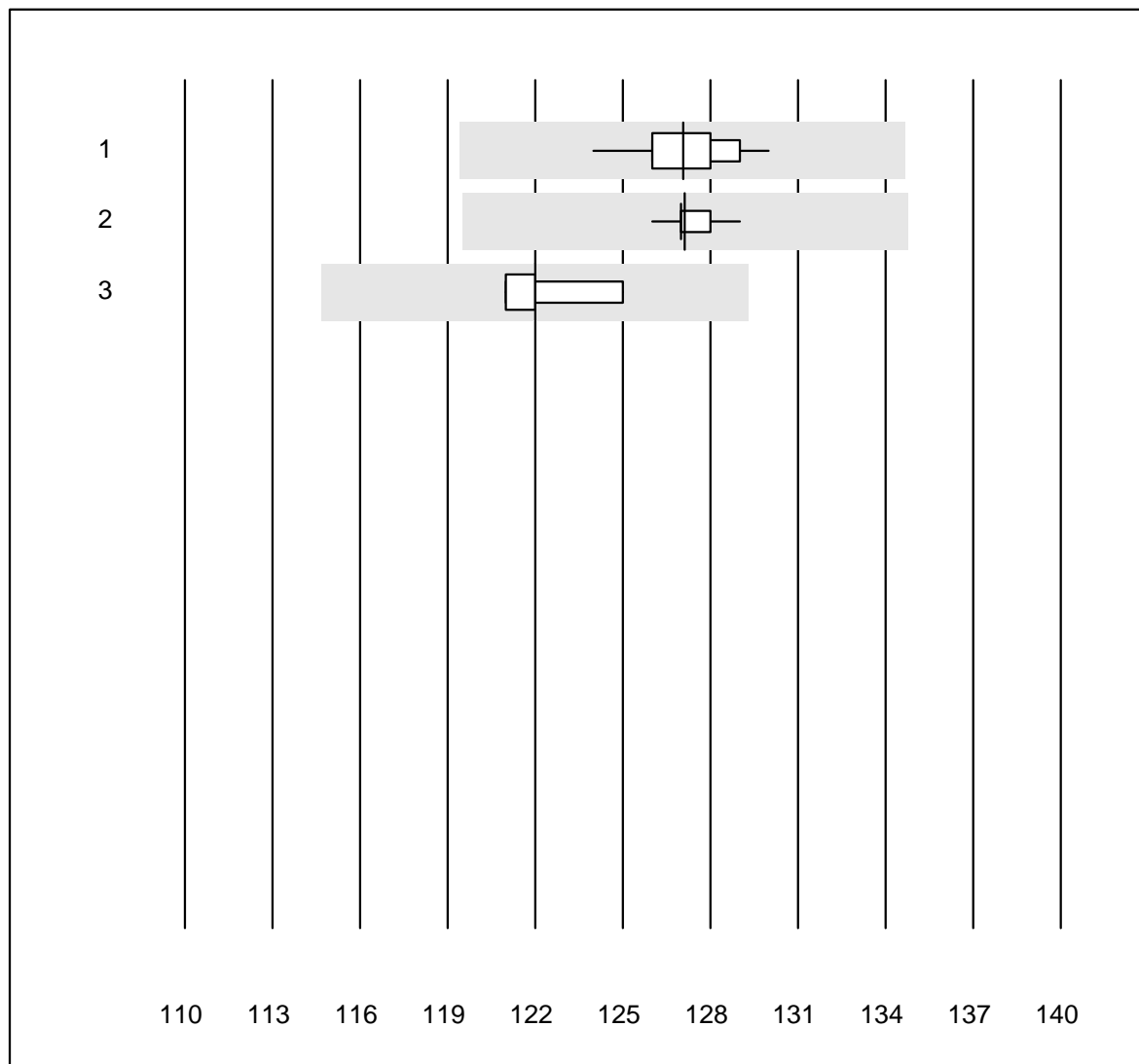


Tolleranza QUALAB : 6 %

Kalium OR (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	68	100.0	0.0	0.0	5.5	0.9	e
2 ABL 90	33	100.0	0.0	0.0	5.5	0.7	e
3 ABL 80 / Coox	10	100.0	0.0	0.0	5.1	1.4	e

## Natrium OR



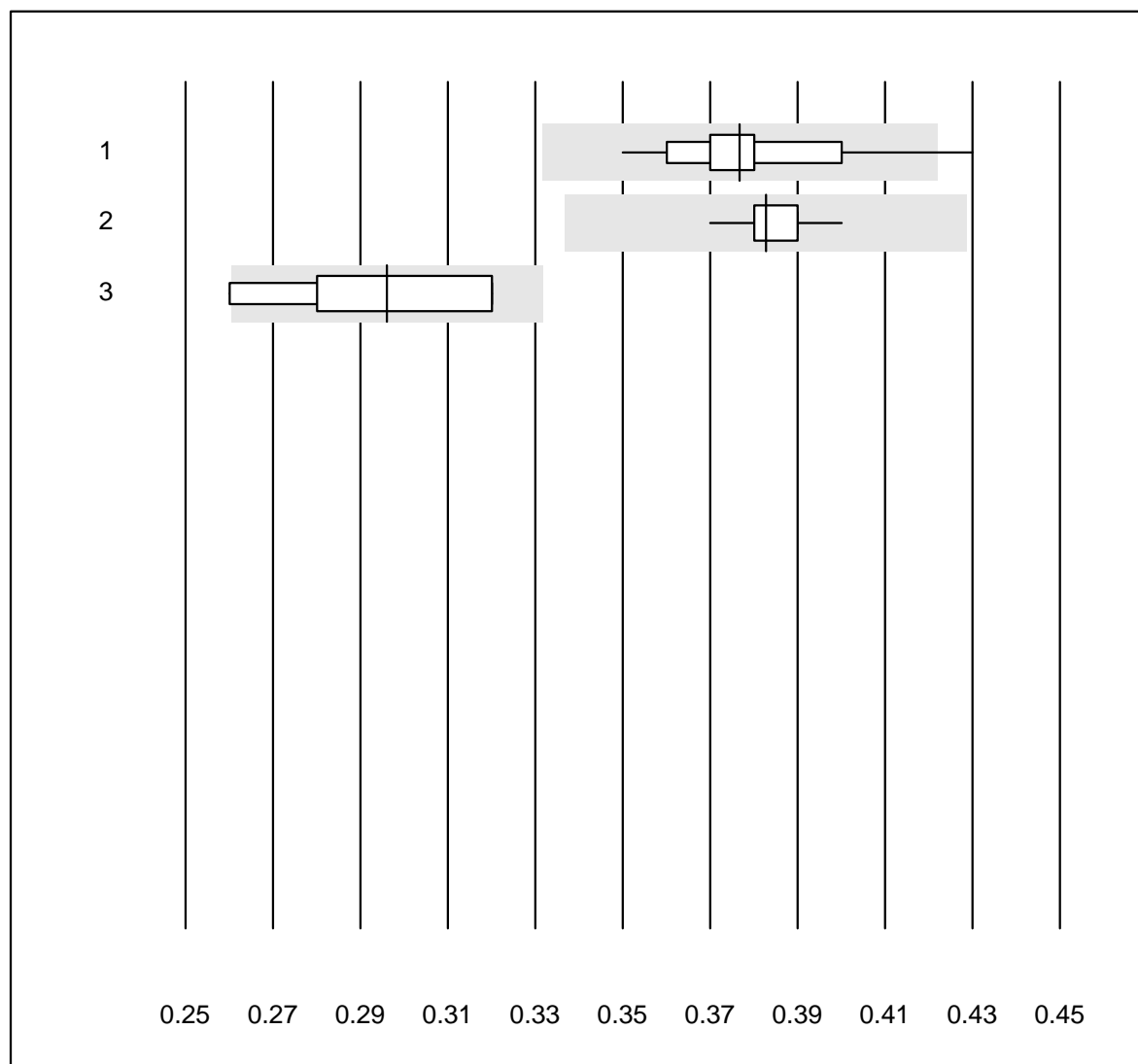
Tolleranza QUALAB : 6 %

Natrium OR (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	65	100.0	0.0	0.0	127.1	0.9	e
2 ABL 90	33	100.0	0.0	0.0	127.1	0.5	e
3 ABL 80 / Coox	8	100.0	0.0	0.0	122.0	1.2	e



## Kalzium OR

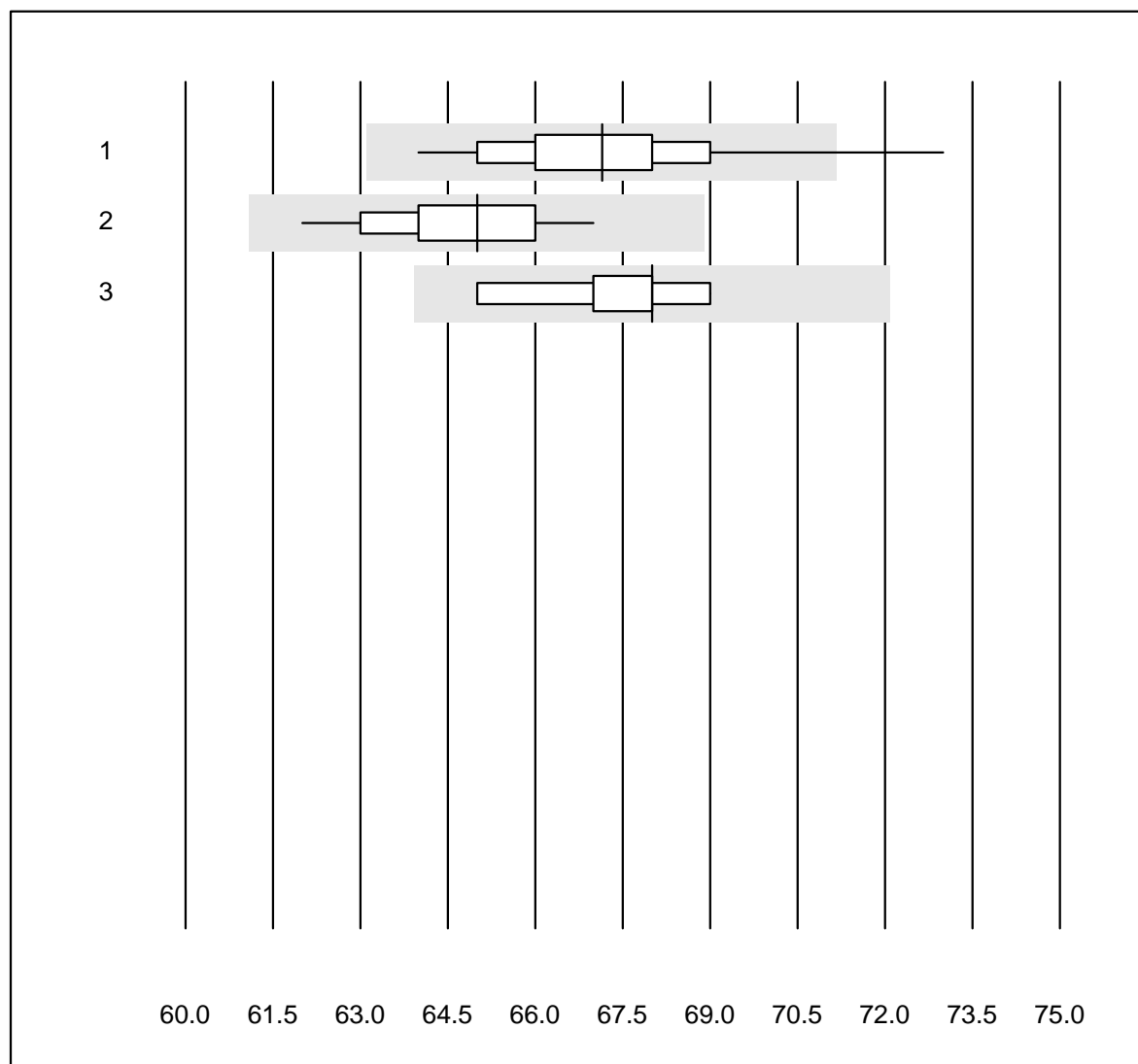


Tolleranza QUALAB : 12 %

Kalzium OR (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	66	98.5	1.5	0.0	0.38	4.1	e
2 ABL 90	33	100.0	0.0	0.0	0.38	1.8	e
3 ABL 80 / Coox	8	62.5	12.5	25.0	0.30	8.2	a

## Chlorid OR

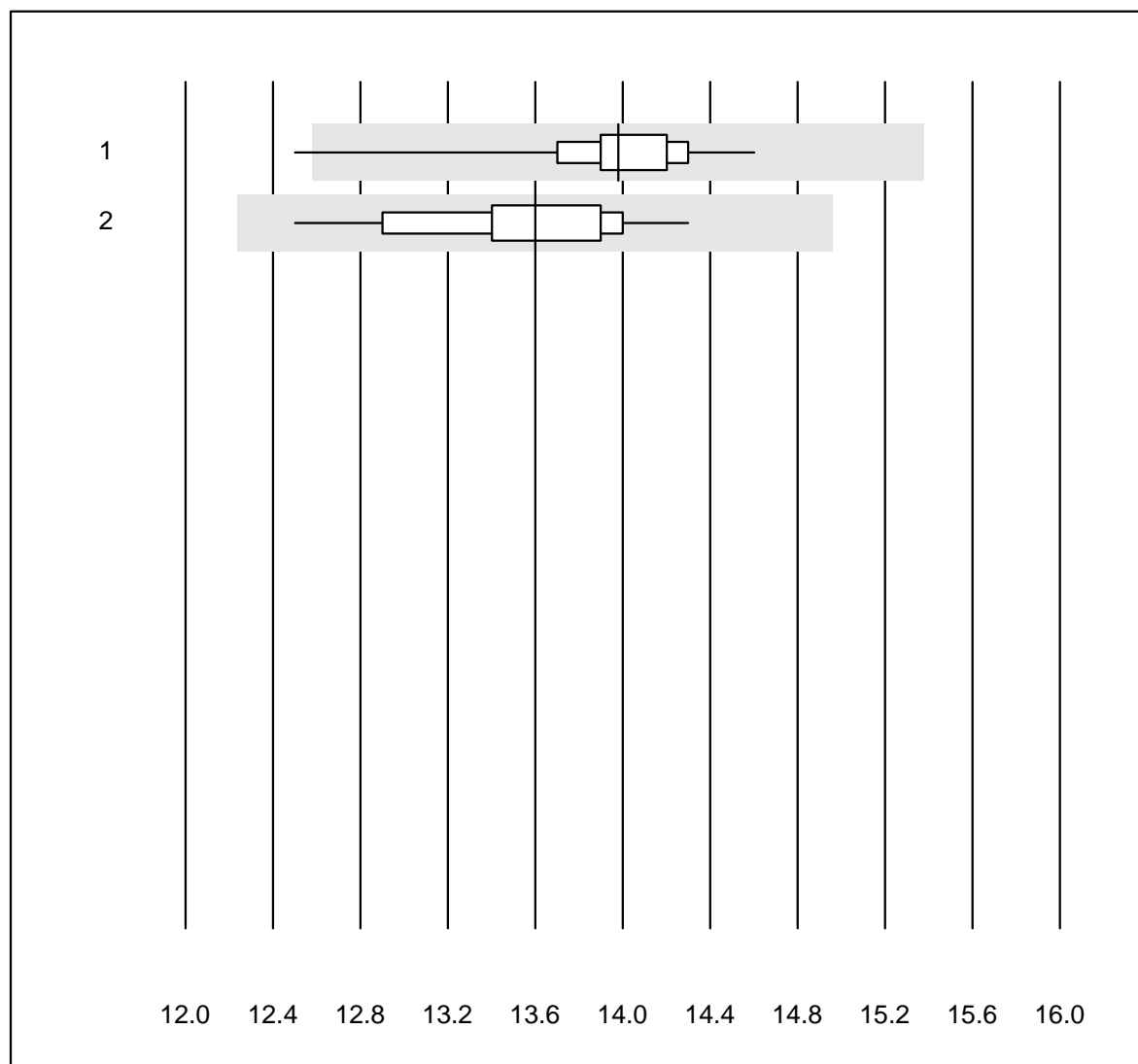


Tolleranza QUALAB : 6 %

Chlorid OR (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	55	96.4	3.6	0.0	67.15	2.6	e
2 ABL 90	33	100.0	0.0	0.0	65.00	1.9	e
3 ABL 80 / Coox	7	71.4	0.0	28.6	68.00	2.2	e*

## Glucose OR

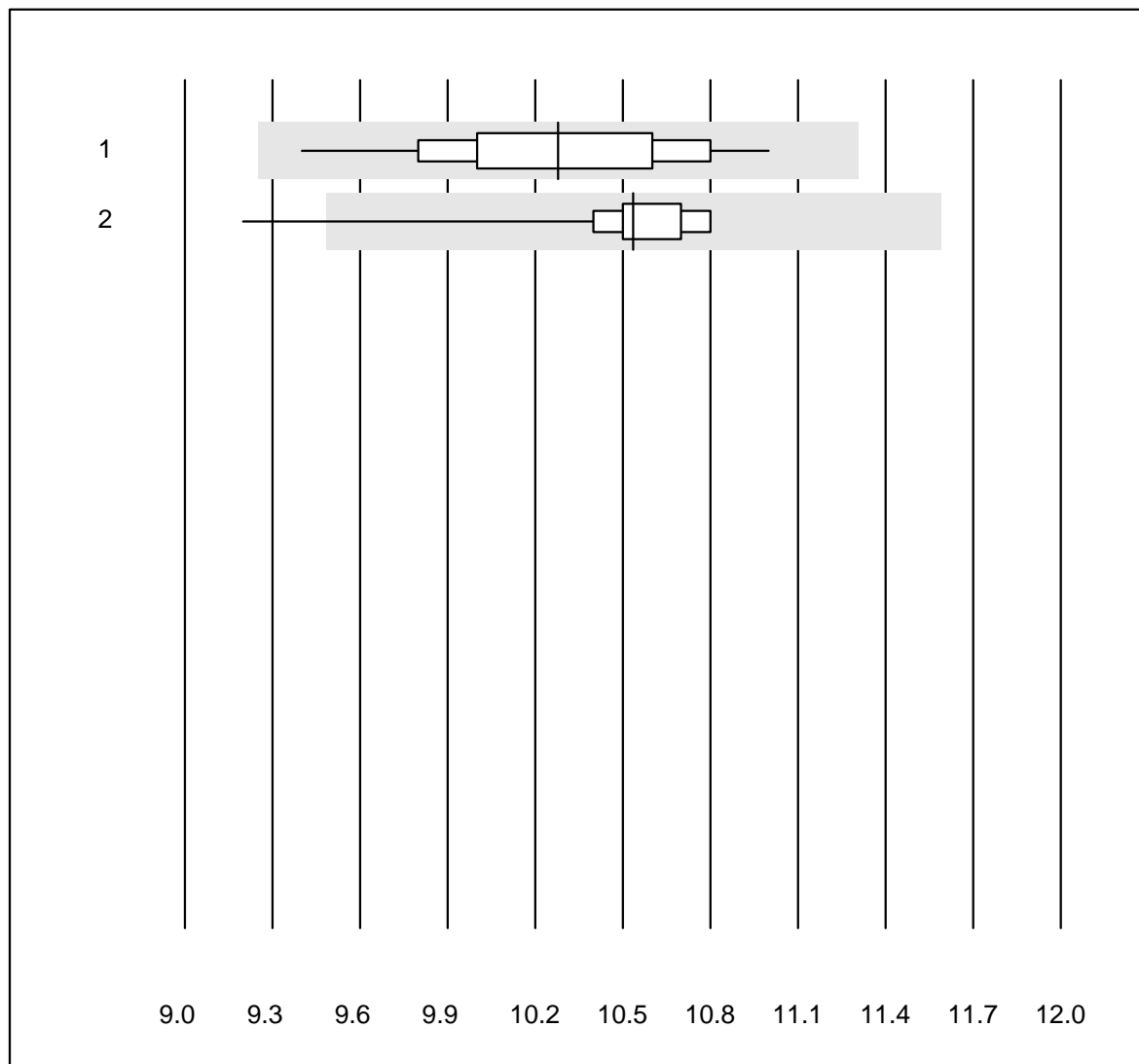


Tolleranza QUALAB : 10 %

Glucose OR (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	67	98.5	1.5	0.0	14.0	2.3	e
2 ABL 90	33	100.0	0.0	0.0	13.6	3.3	e

## Laktat OR

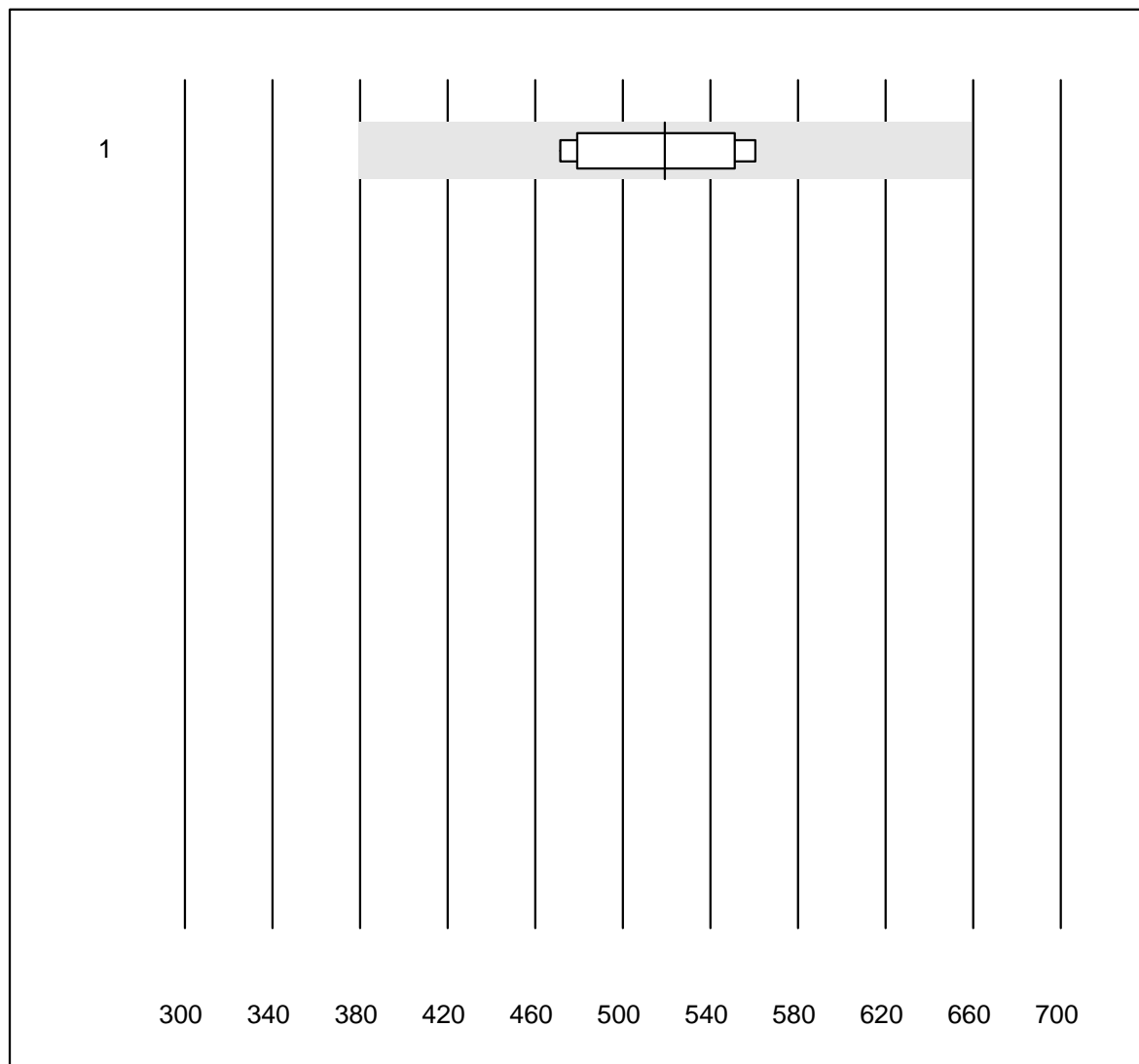


Tolleranza QUALAB : 10 %

Laktat OR (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ABL700/800	71	100.0	0.0	0.0	10.28	4.0	e
2 ABL 90	33	97.0	3.0	0.0	10.54	2.8	e

## BNP Plasma

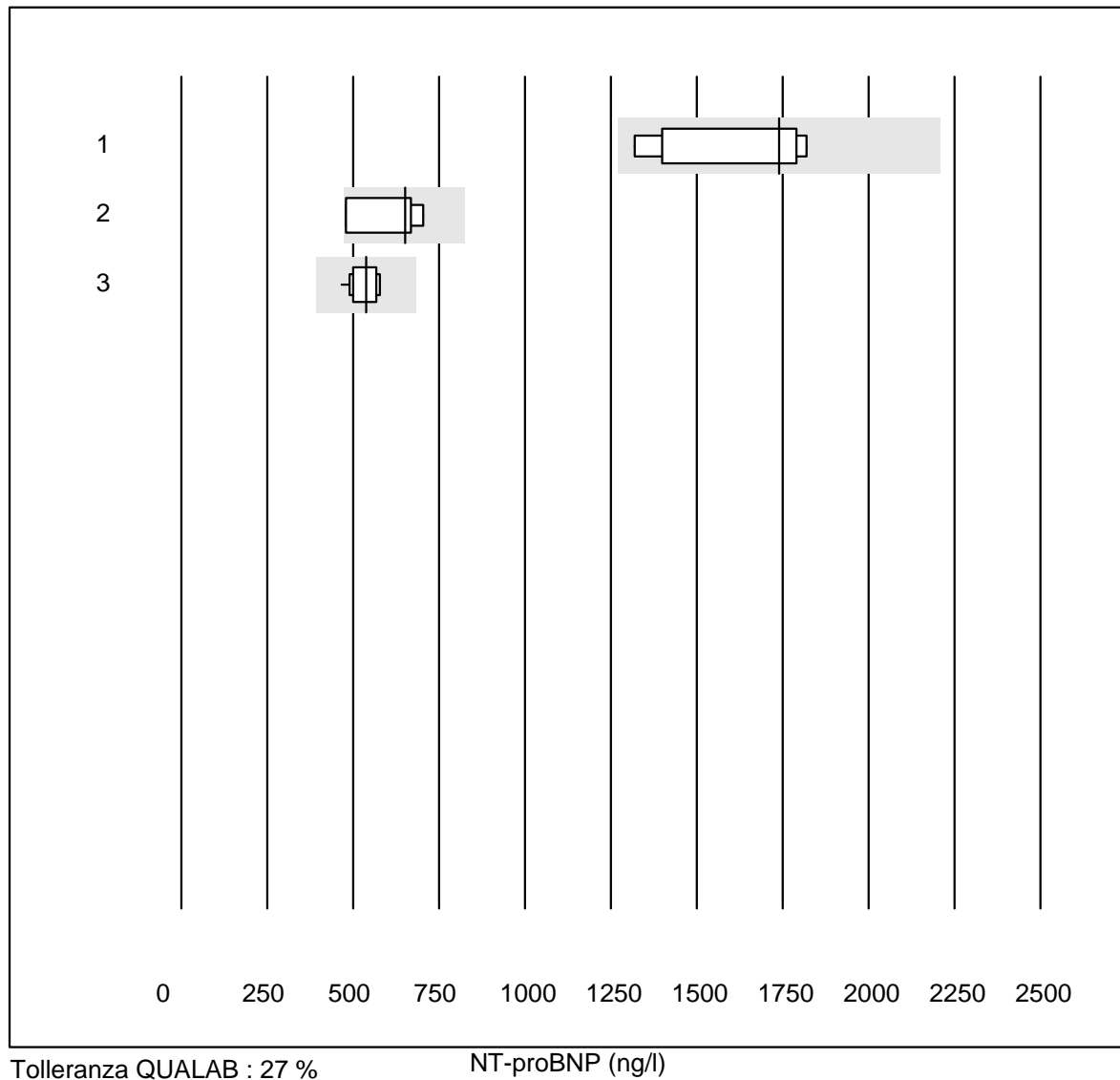


Tolleranza QUALAB : 27 %

BNP Plasma (ng/l)

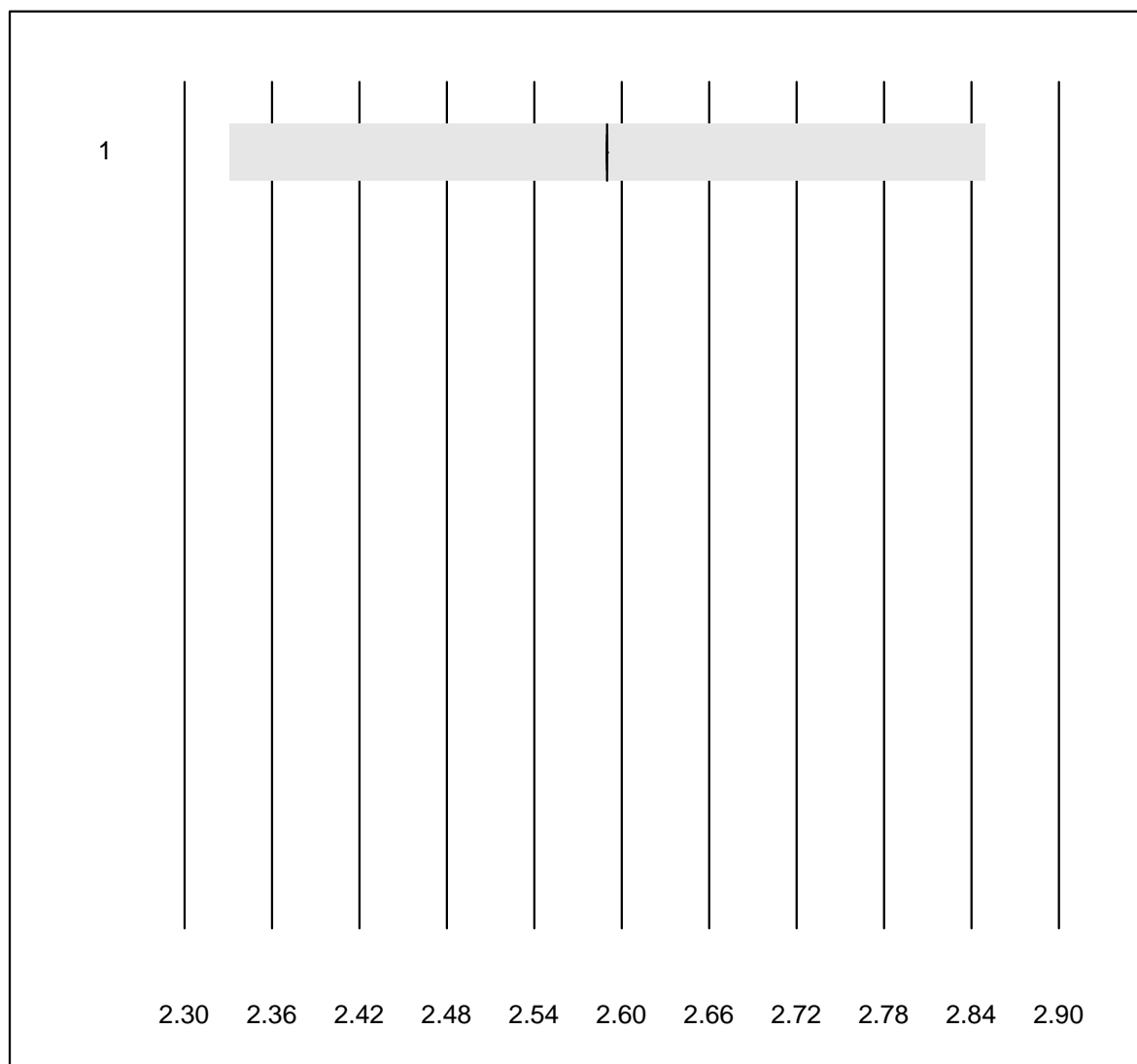
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ADVIA Centaur XP/CP	5	100.0	0.0	0.0	519.0	7.9	e*

## NT-proBNP



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 AQT 90 FLEX	7	100.0	0.0	0.0	1740.0	12.4	e*
2 Vidas	4	100.0	0.0	0.0	650.5	16.0	e*
3 Cobas E / Elecsys	12	100.0	0.0	0.0	537.6	7.2	e

## Cholesterin PTS

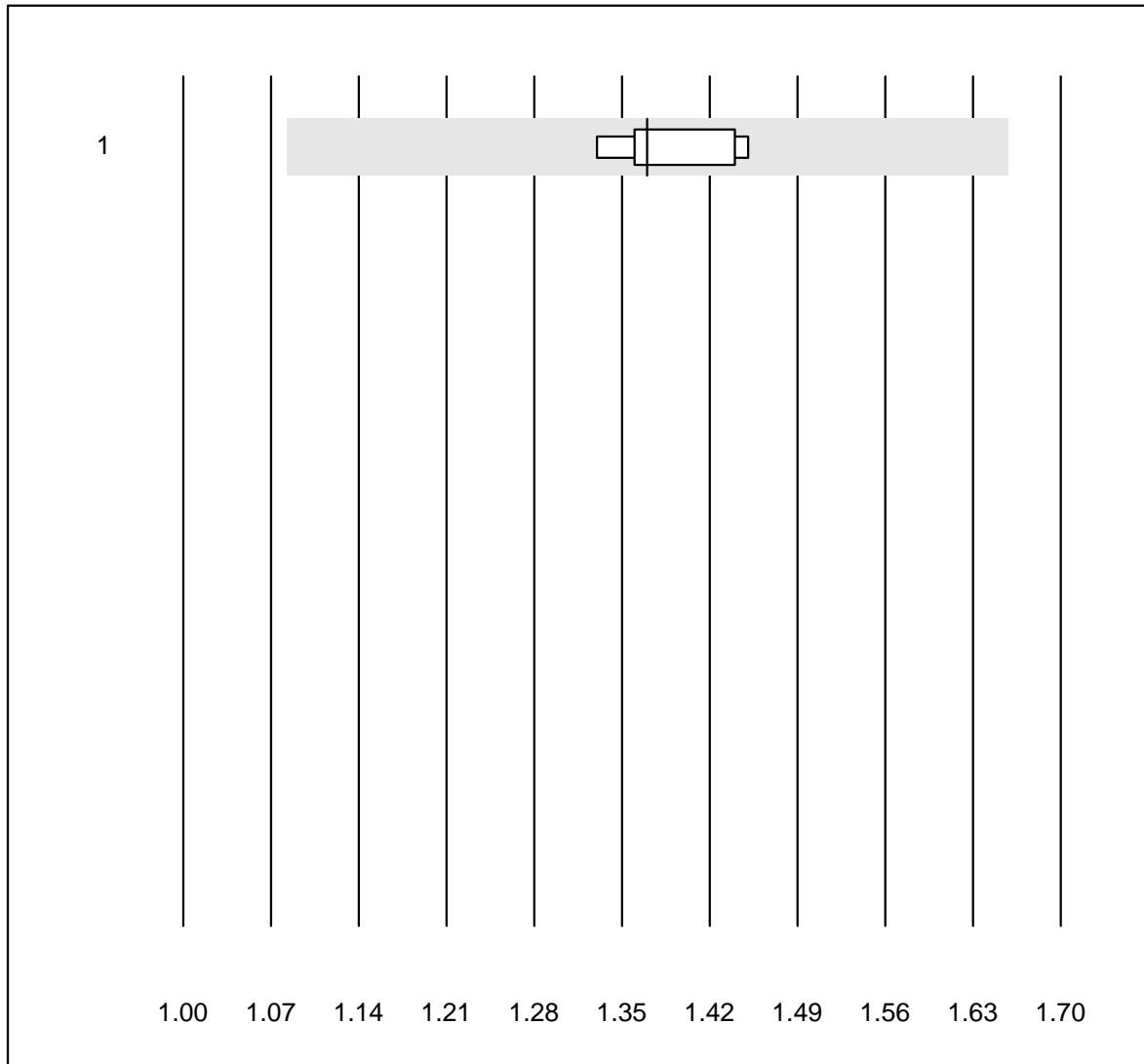


Tolleranza QUALAB : 10 %

Cholesterin PTS (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 CardioChek	7	85.7	0.0	14.3	2.59	0.0	e

## Cholesterin HDL PTS



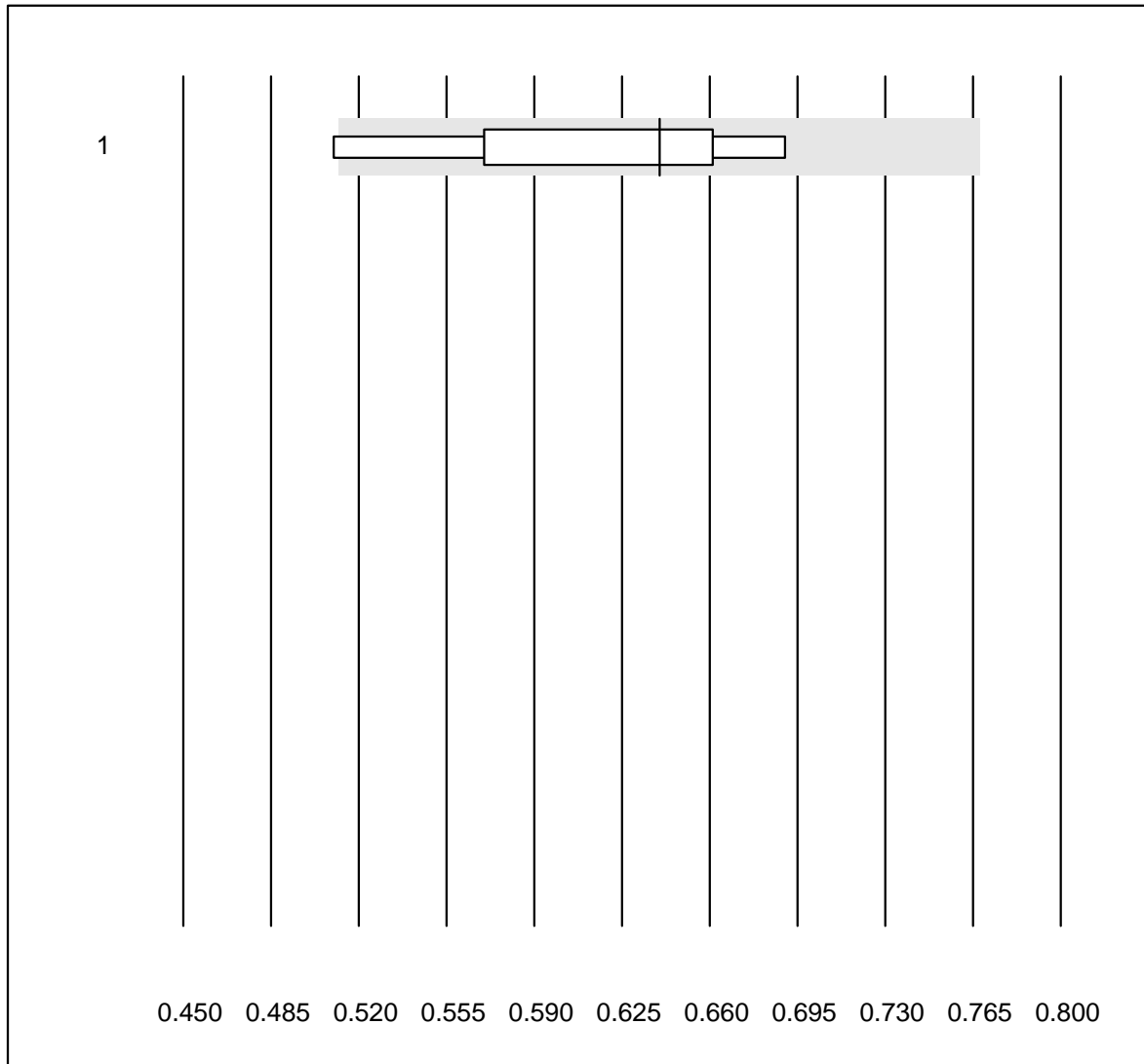
Tolleranza QUALAB : 21 %

Cholesterin HDL PTS (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 CardioChek	7	71.4	0.0	28.6	1.37	3.8	e



## Triglyceride PTS

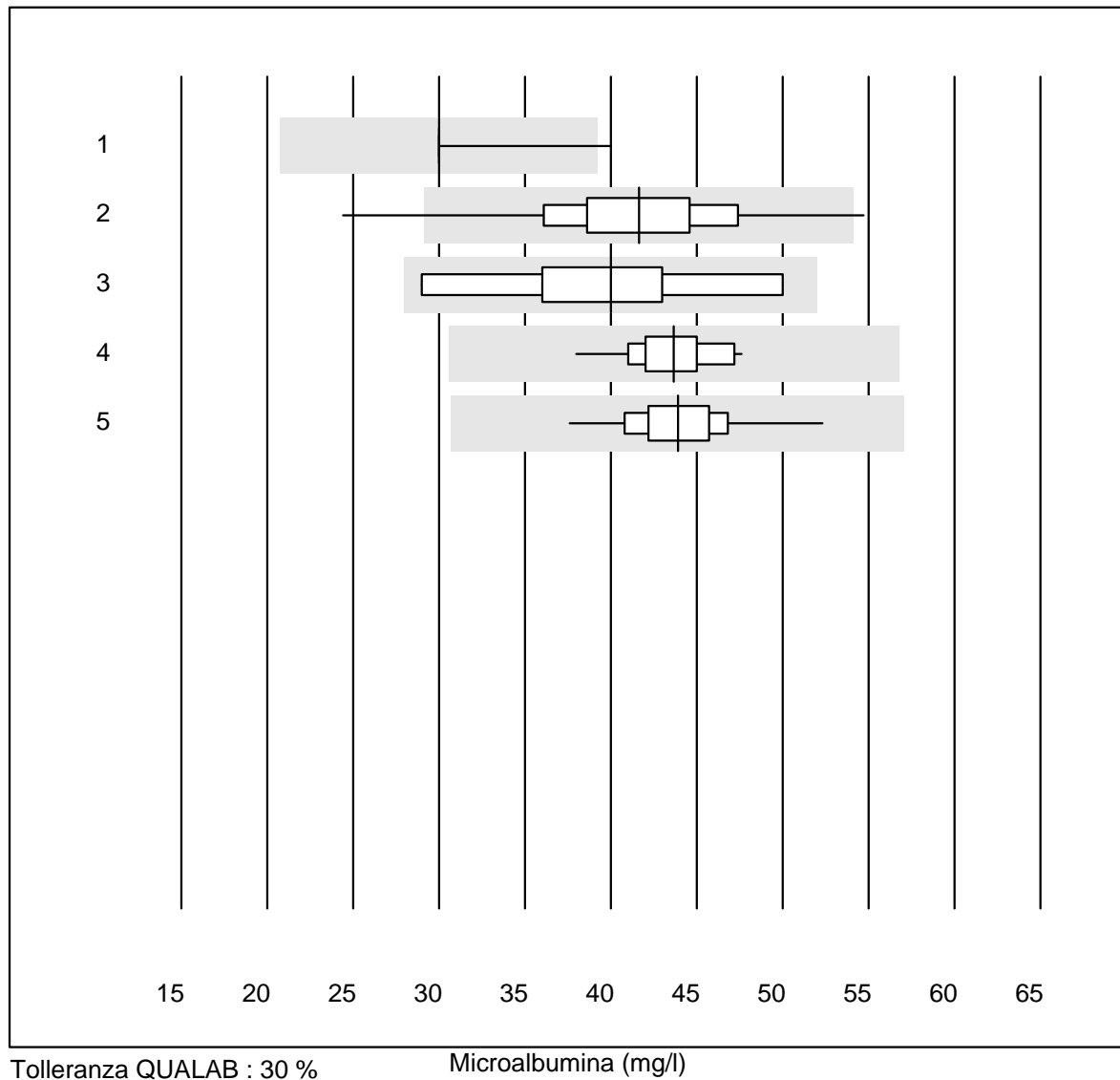


Tolleranza QUALAB : 20 %

Triglyceride PTS (mmol/l)

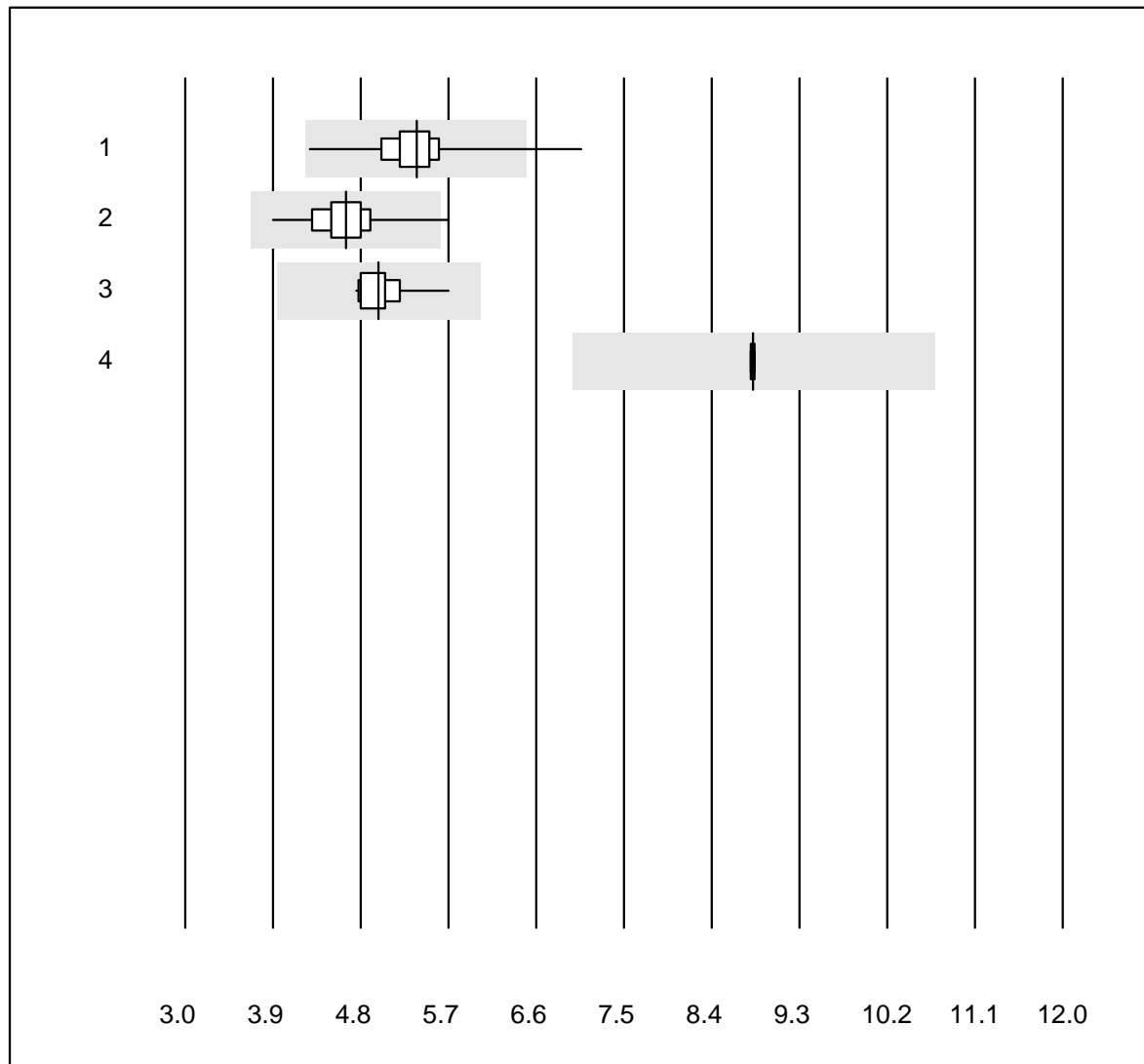
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 CardioChek	7	71.4	14.3	14.3	0.64	11.2	e*

## Microalbumina



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Siemens Clinitek	15	73.3	6.7	20.0	30.0	9.4	a
2 Afinion	336	96.1	1.8	2.1	41.6	11.2	e
3 NycoCard	10	90.0	0.0	10.0	40.0	17.8	e*
4 Turbidimetrie	17	100.0	0.0	0.0	43.7	5.8	e
5 DCA2000/Vantage	124	97.6	0.0	2.4	43.9	6.0	e

## Creatinina urina

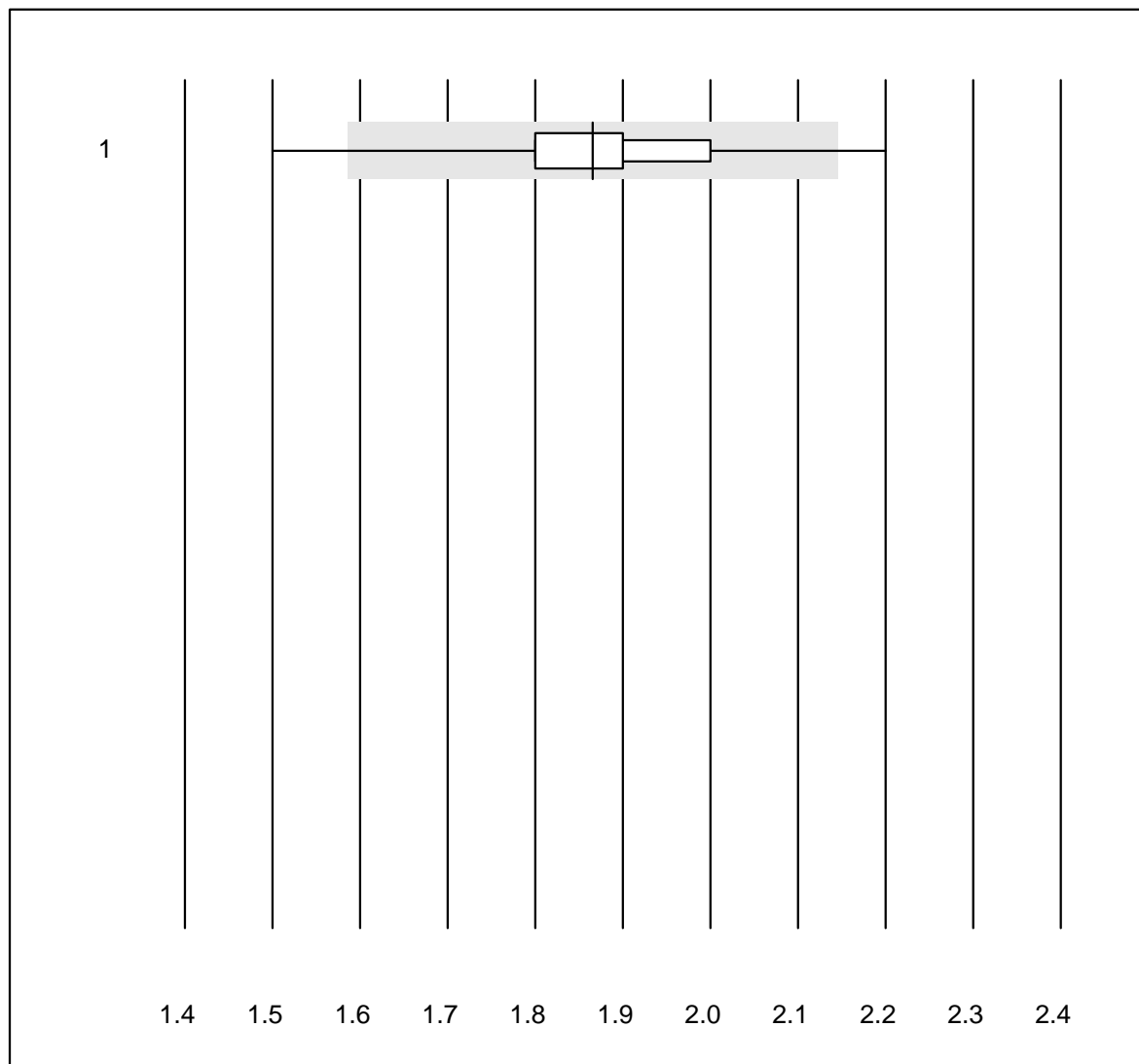


Tolleranza QUALAB : 21 %

Creatinina urina (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 DCA2000/Vantage	123	94.3	1.6	4.1	5.4	6.0	e
2 Afinion	336	98.5	0.3	1.2	4.6	5.2	e
3 Chimica umida	31	100.0	0.0	0.0	5.0	4.2	e
4 Siemens Clinitek	14	42.9	0.0	57.1	8.8	0.2	e

## INR CCXS

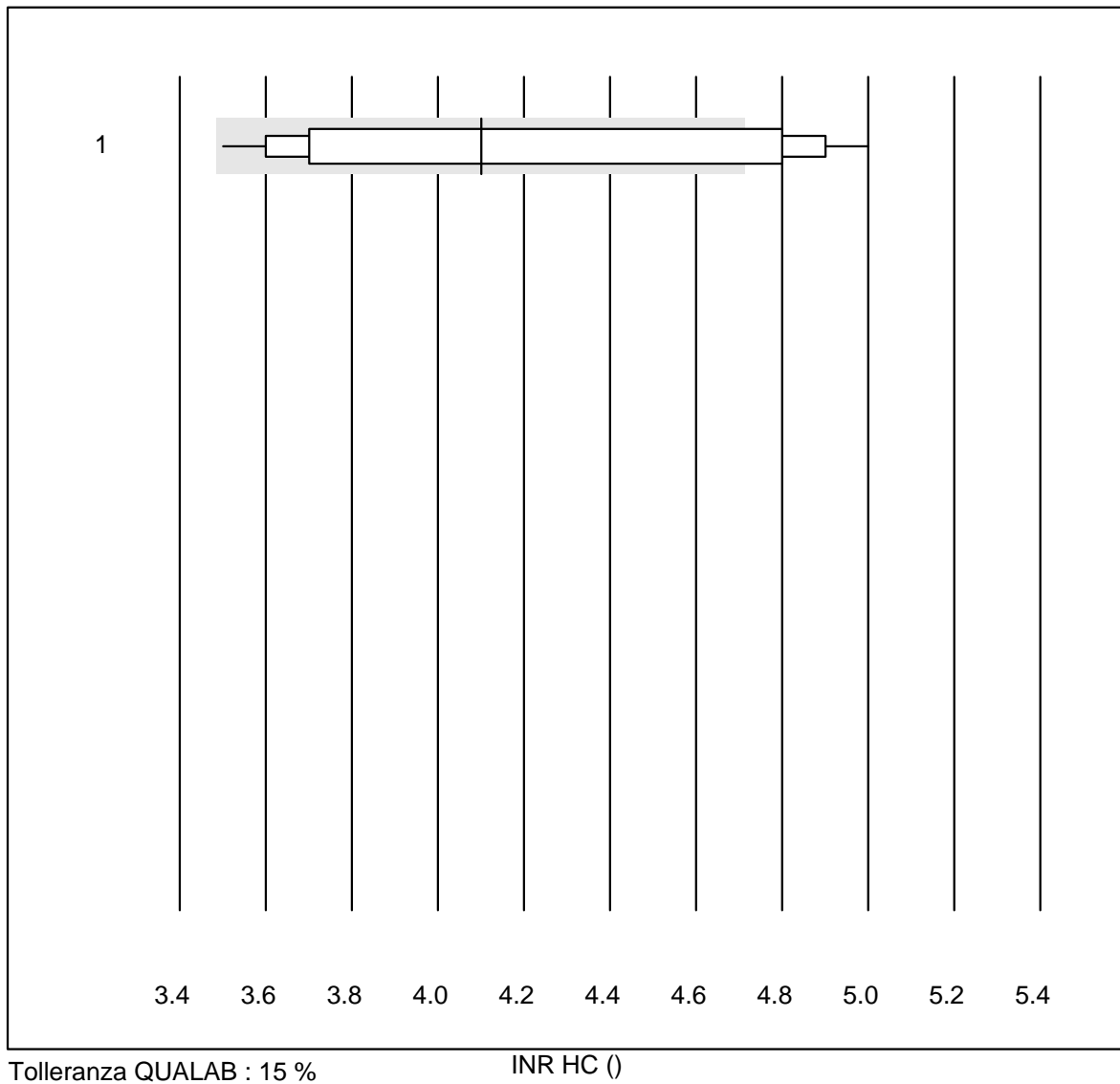


Tolleranza QUALAB : 15 %

INR CCXS ()

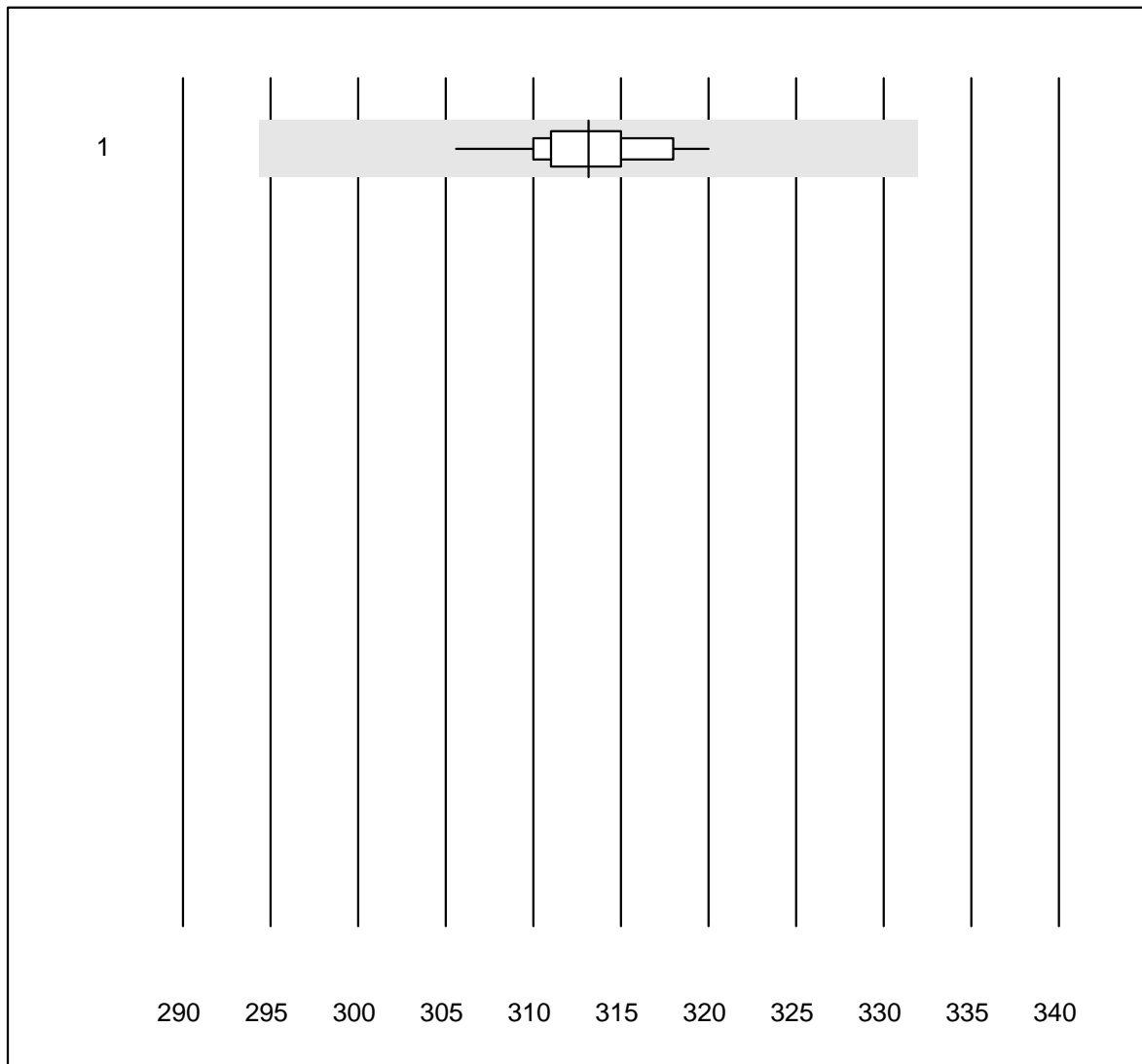
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 CoaguChek XS	2325	99.4	0.3	0.3	1.9	4.4	e

# INR HC



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Hemochron j.	21	66.7	23.8	9.5	4.1	12.3	e*

# Osmolalità

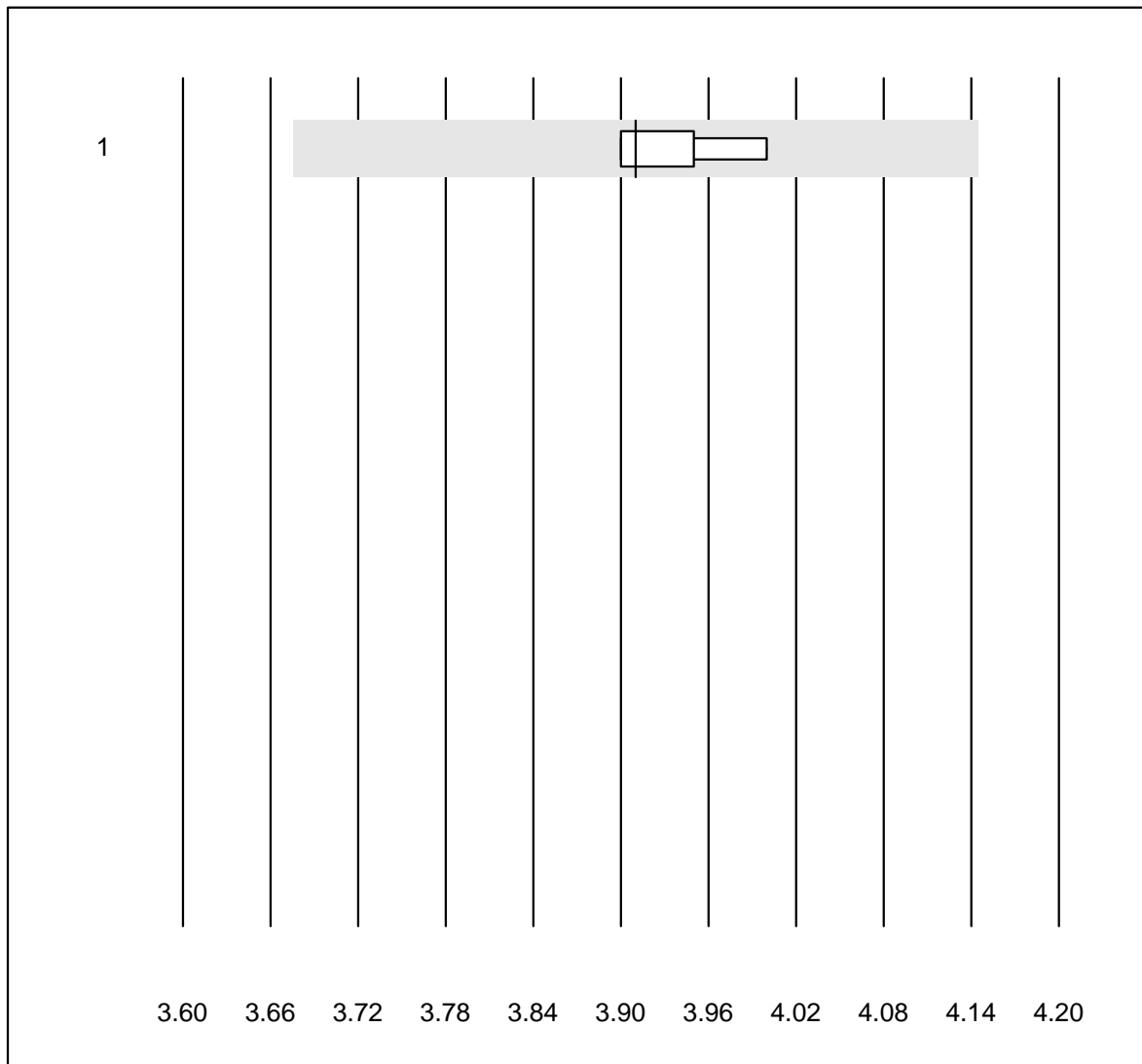


Tolleranza QUALAB : 6 %

Osmolalità (mosm/kg)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cryoscopie	13	100.0	0.0	0.0	313	1.2	e

## Kalium - K22

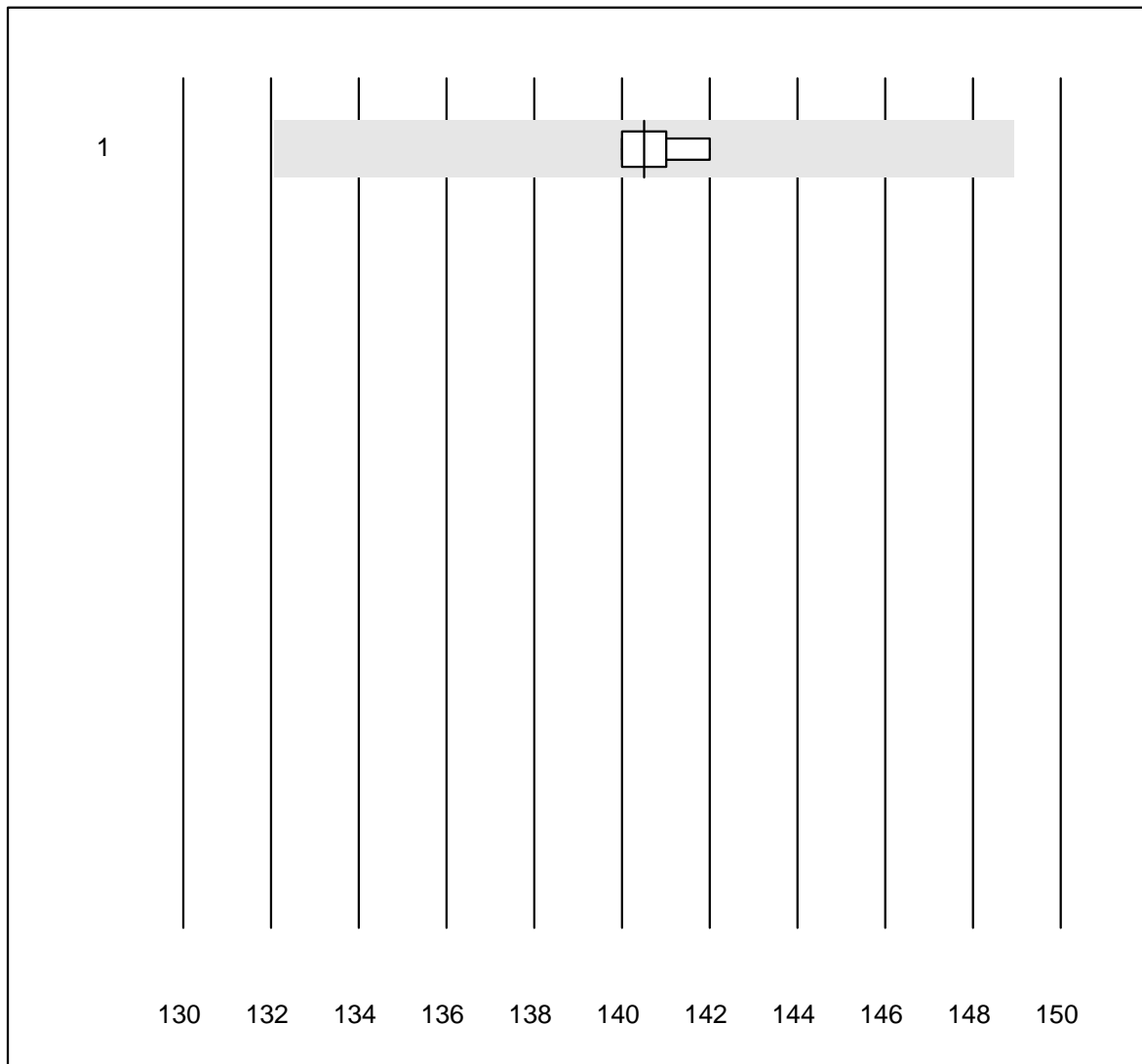


Tolleranza QUALAB : 6 %

Kalium - K22 (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ISE	9	100.0	0.0	0.0	3.9	1.0	e

## Natrium - K22



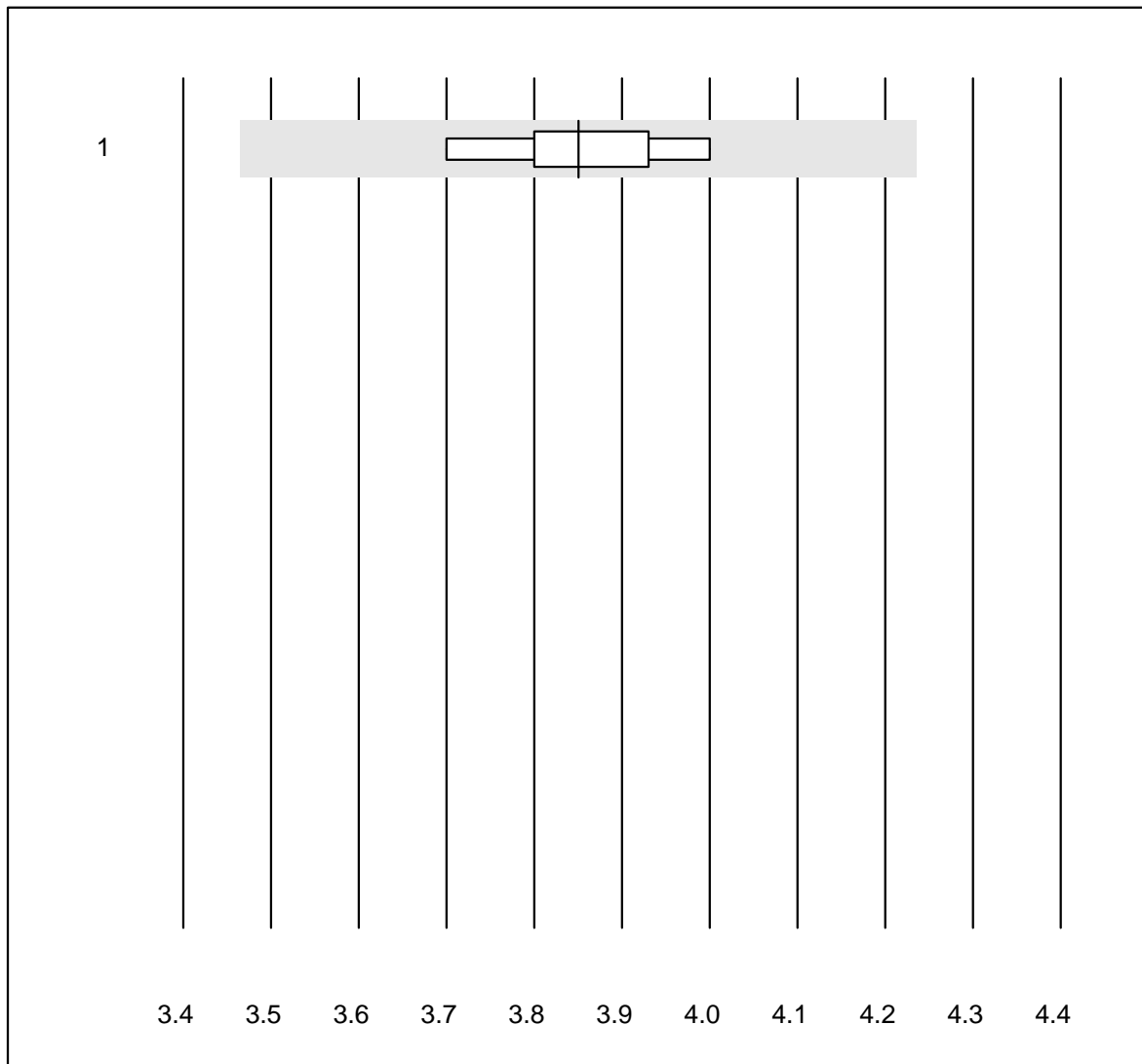
Tolleranza QUALAB : 6 %

Natrium - K22 (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 ISE	9	100.0	0.0	0.0	141	0.5	e



## Glukose - K22

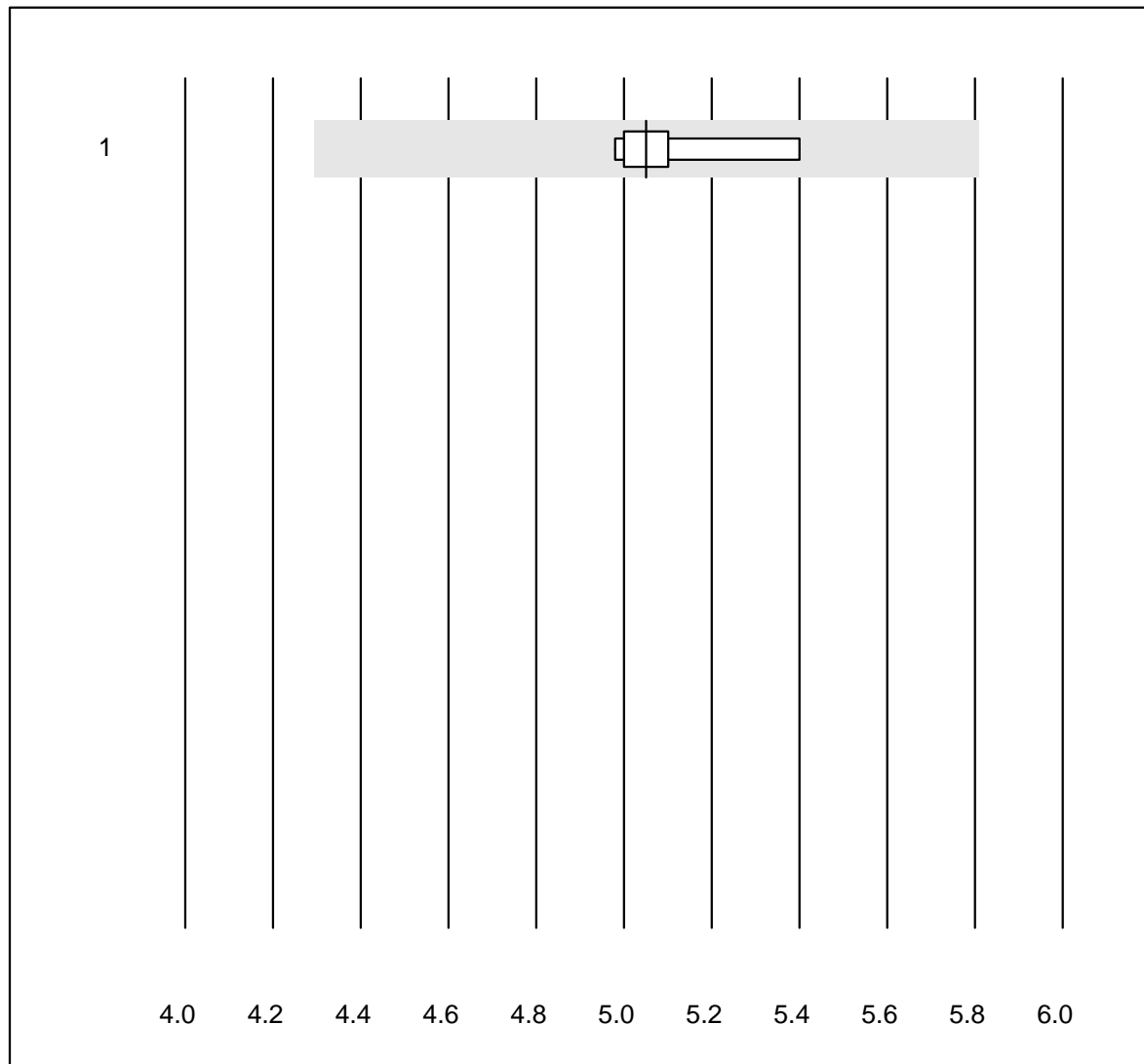


Tolleranza QUALAB : 10 %

Glukose - K22 (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	9	100.0	0.0	0.0	3.9	3.0	e

## Harnstoff - K22

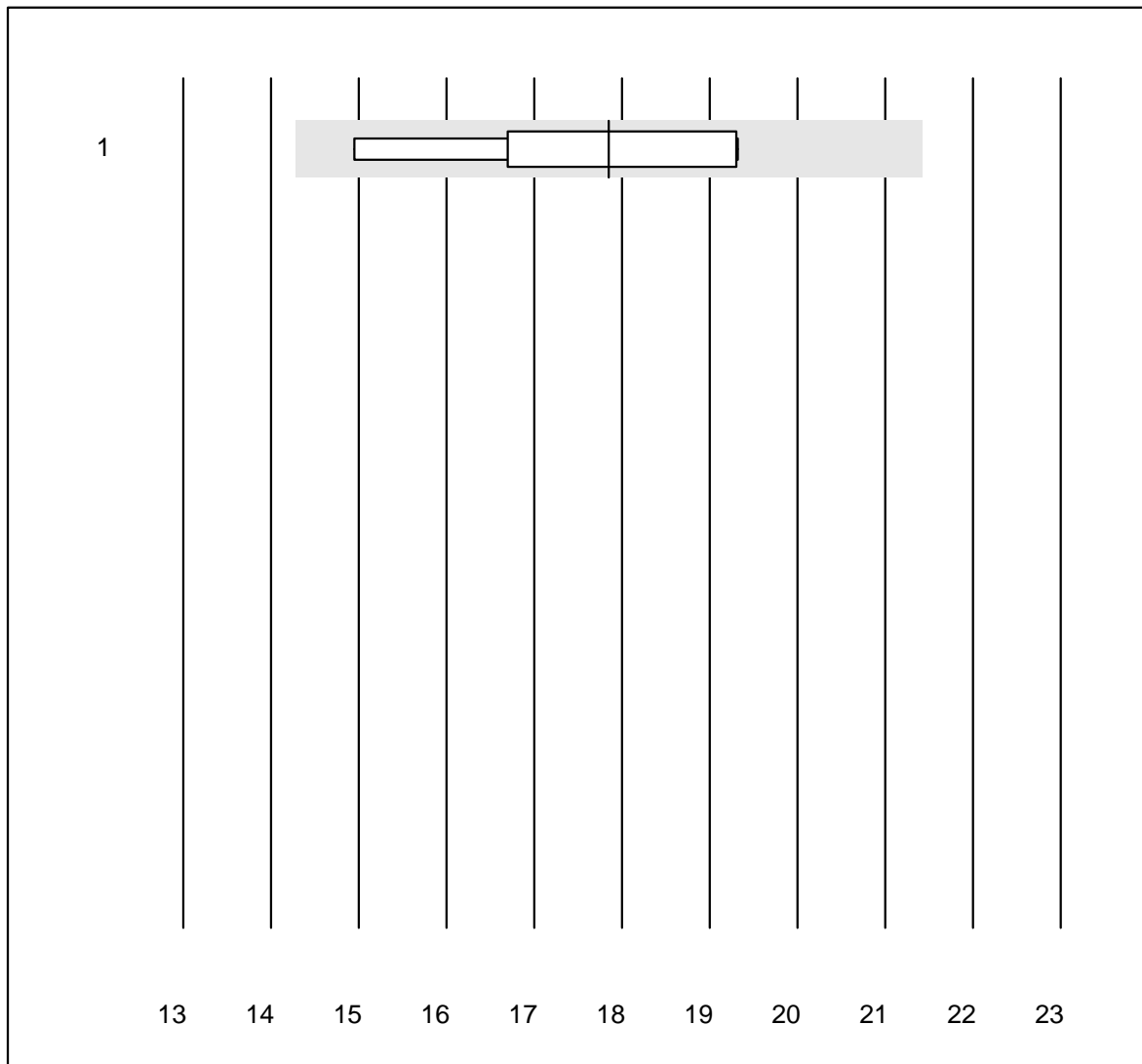


Tolleranza QUALAB : 15 %

Harnstoff - K22 (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Chimica umida	9	100.0	0.0	0.0	5.1	2.7	e

## Osmotische Lücke

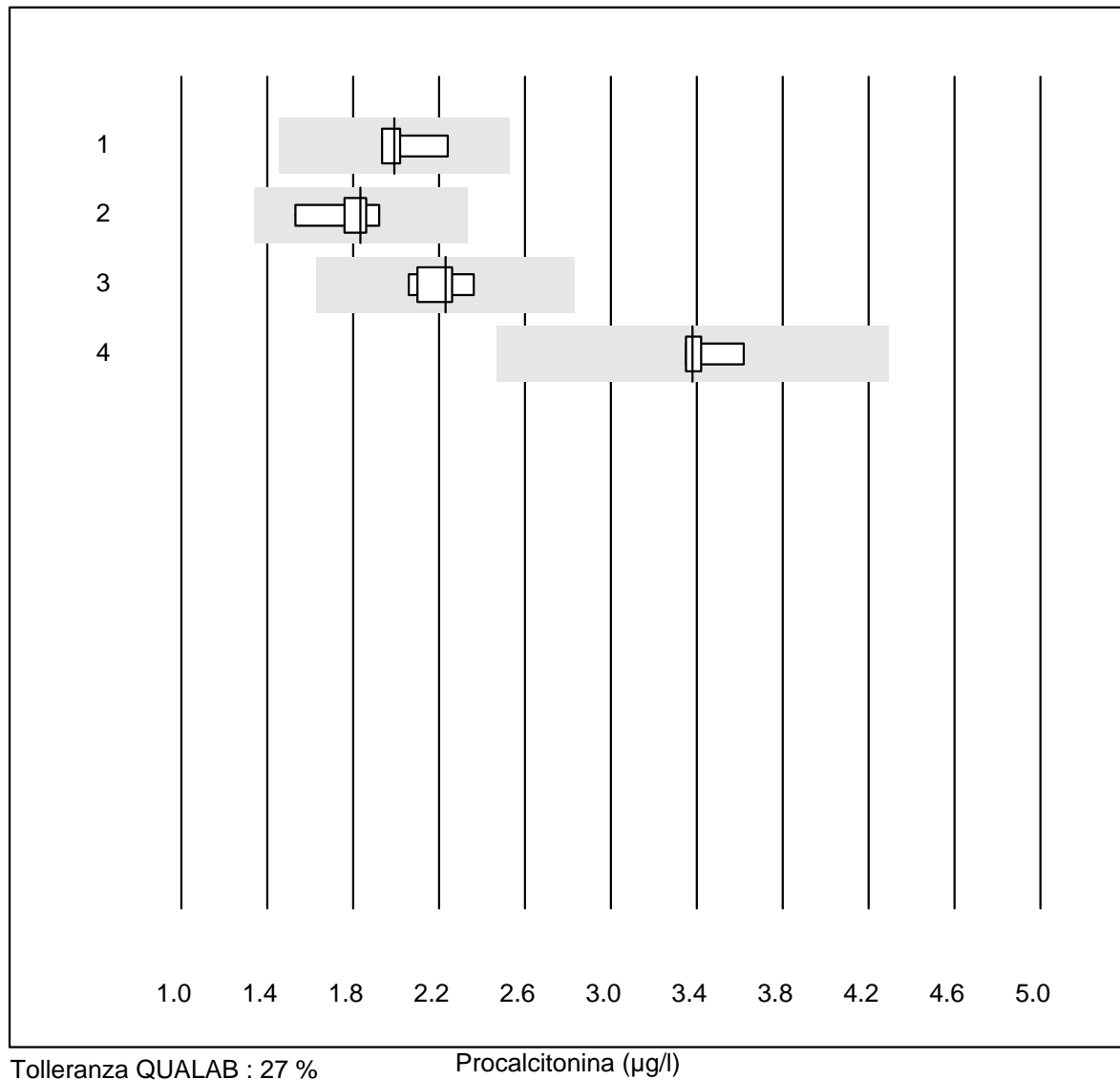


Tolleranza QUALAB : 20 %

Osmotische Lücke (mmol/l)

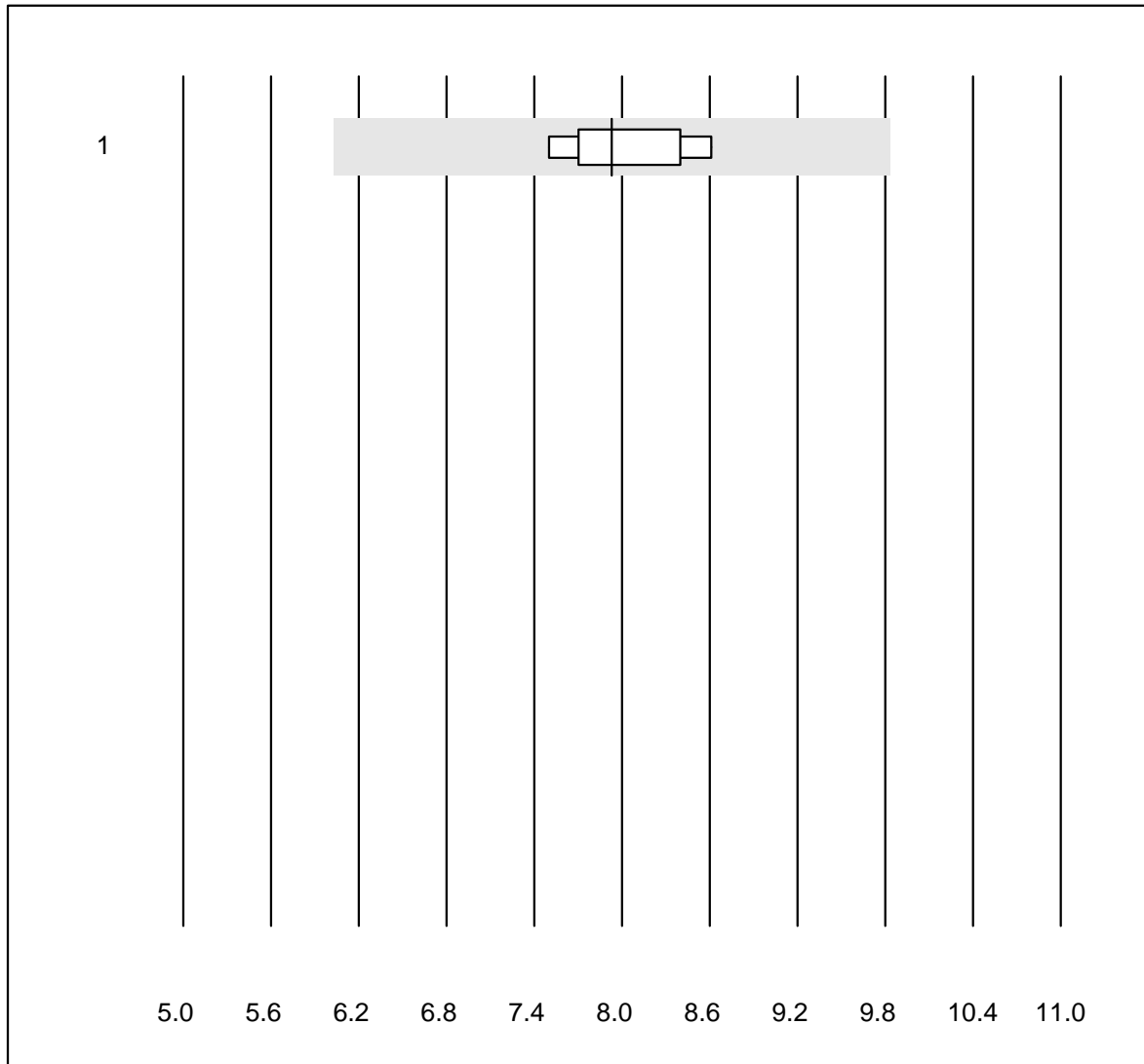
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Formel 1 (2Na+K+Glu+	6	100.0	0.0	0.0	17.9	9.9	e*

## Procalcitonina



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 altro	5	100.0	0.0	0.0	1.99	6.4	e
2 Cobas	8	100.0	0.0	0.0	1.84	6.9	e
3 Mini Vidas	9	100.0	0.0	0.0	2.23	4.9	e
4 Liason	4	100.0	0.0	0.0	3.38	3.5	e

# Parathormon

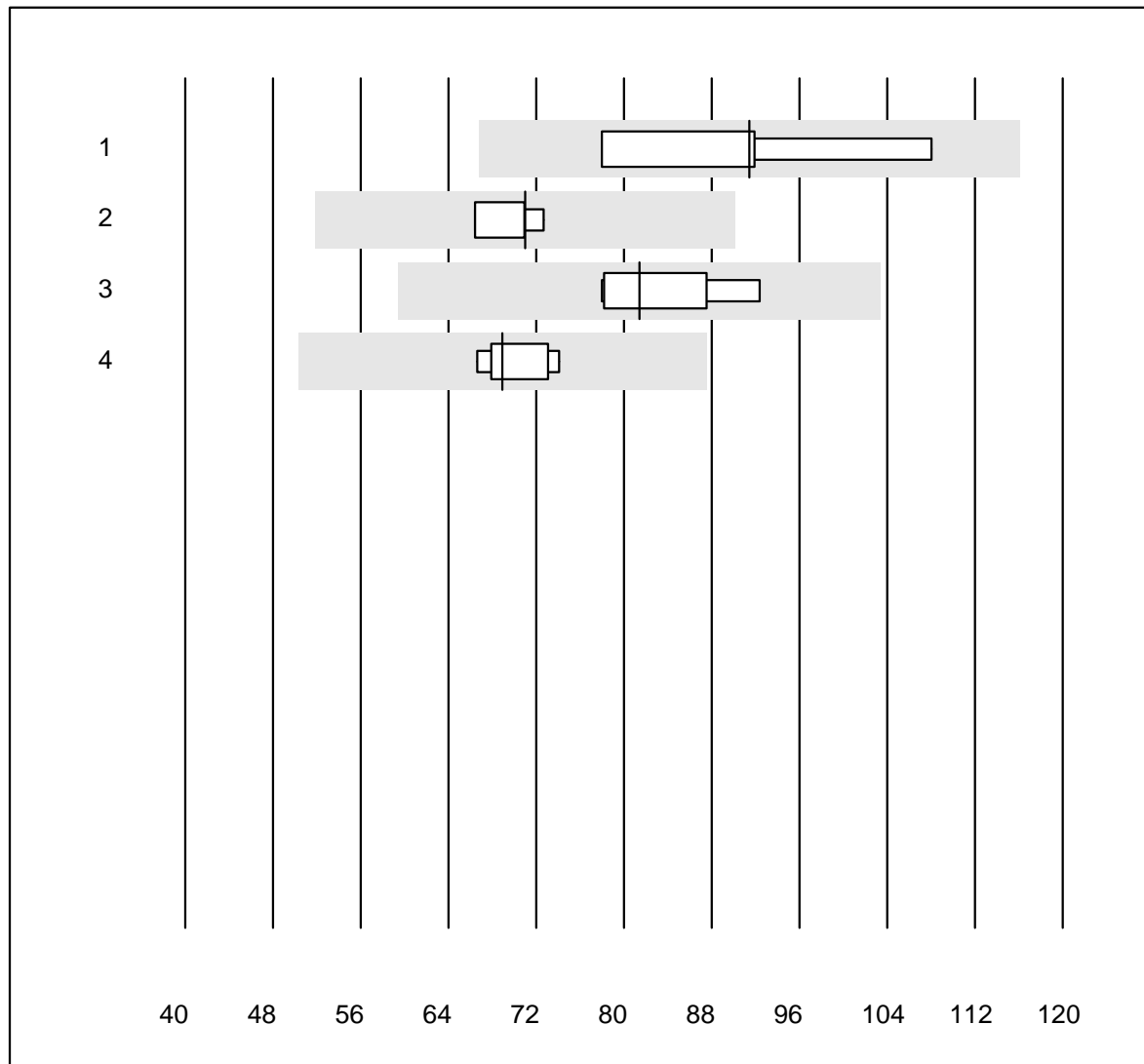


Tolleranza QUALAB : 24 %

Parathormon (pmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas PTH STAT	5	100.0	0.0	0.0	7.9	5.8	e

## 25-OH Vitamin D

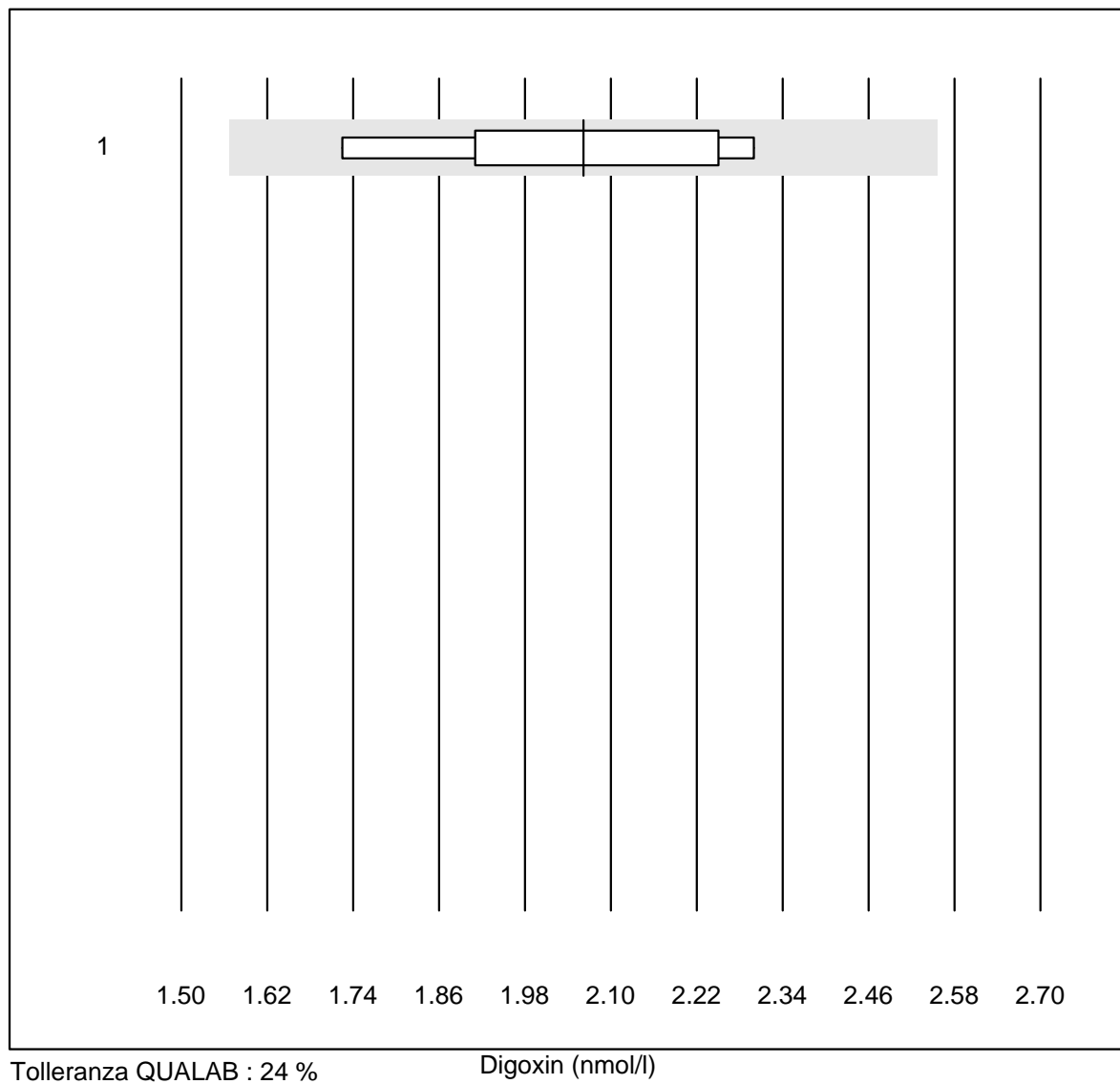


Tolleranza QUALAB : 27 %

25-OH Vitamin D (nmol/l)

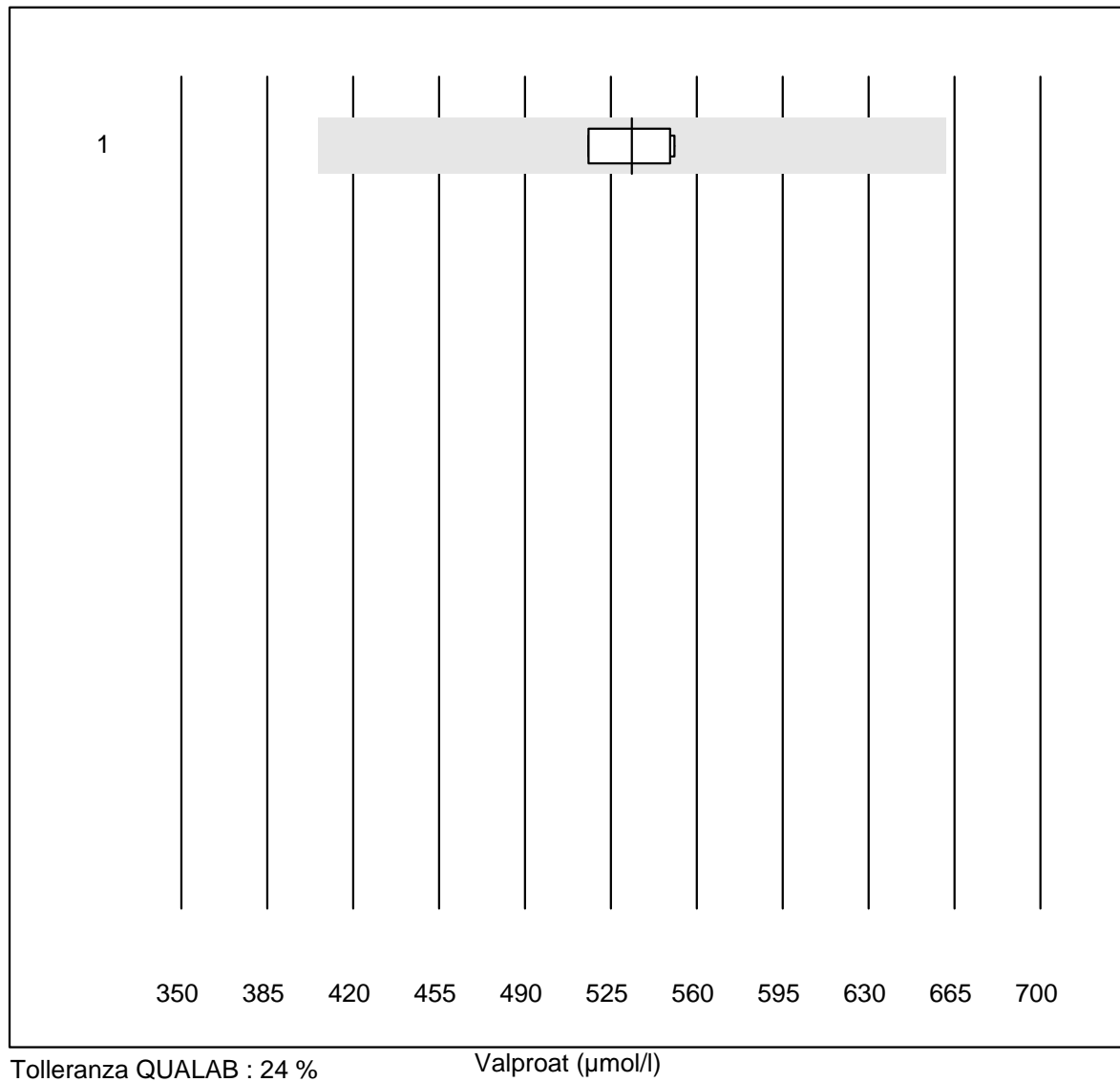
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Qualigen	5	80.0	0.0	20.0	91.4	13.7	a
2 altro	5	80.0	0.0	20.0	71.0	3.9	a
3 Cobas	5	100.0	0.0	0.0	81.4	7.5	e*
4 Architect	7	100.0	0.0	0.0	68.9	4.2	e

# Digoxin



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 altro	10	100.0	0.0	0.0	2.06	10.7	e*

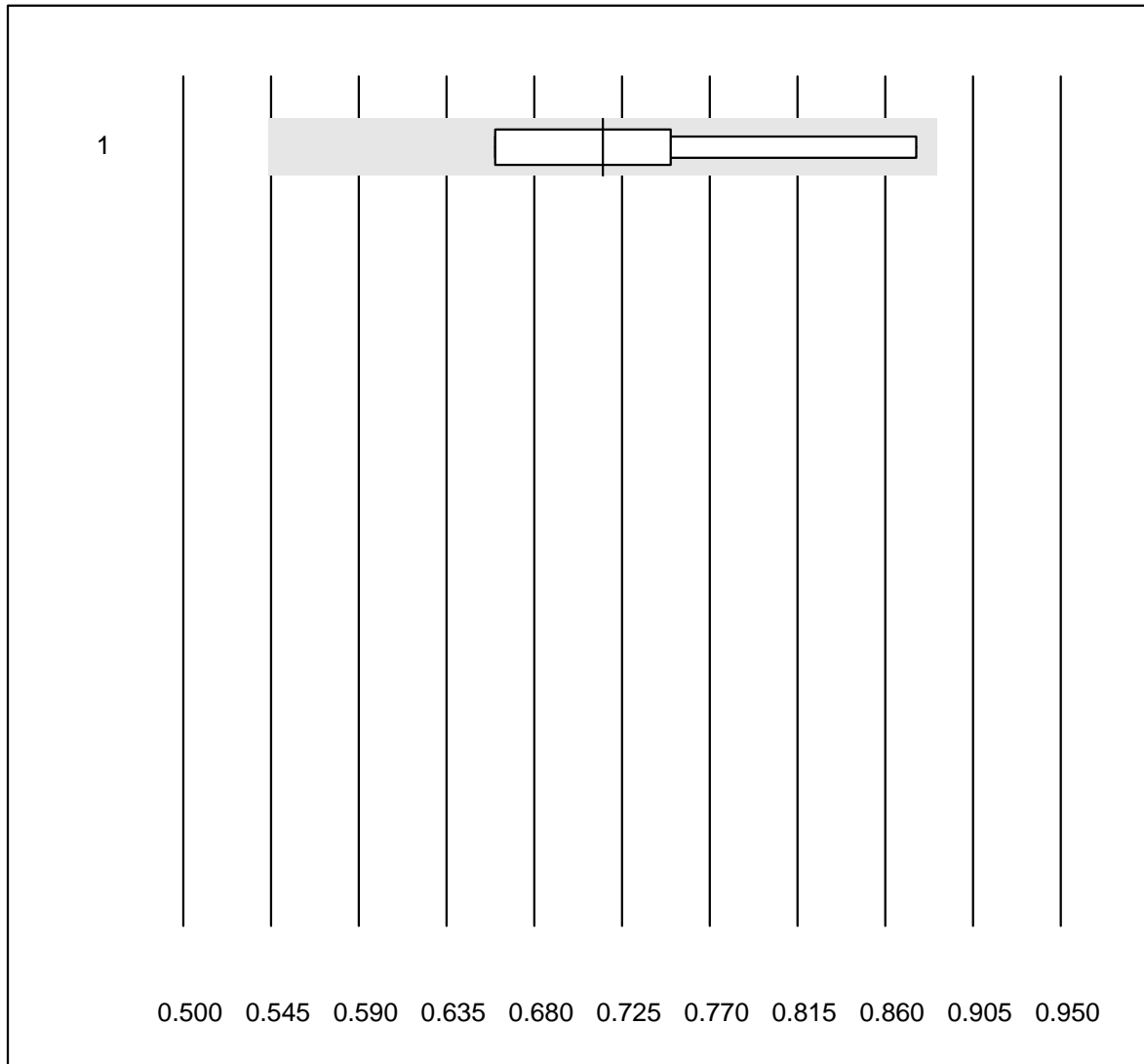
## Valproat



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	4	100.0	0.0	0.0	533.5	3.6	e



## Cystatin C

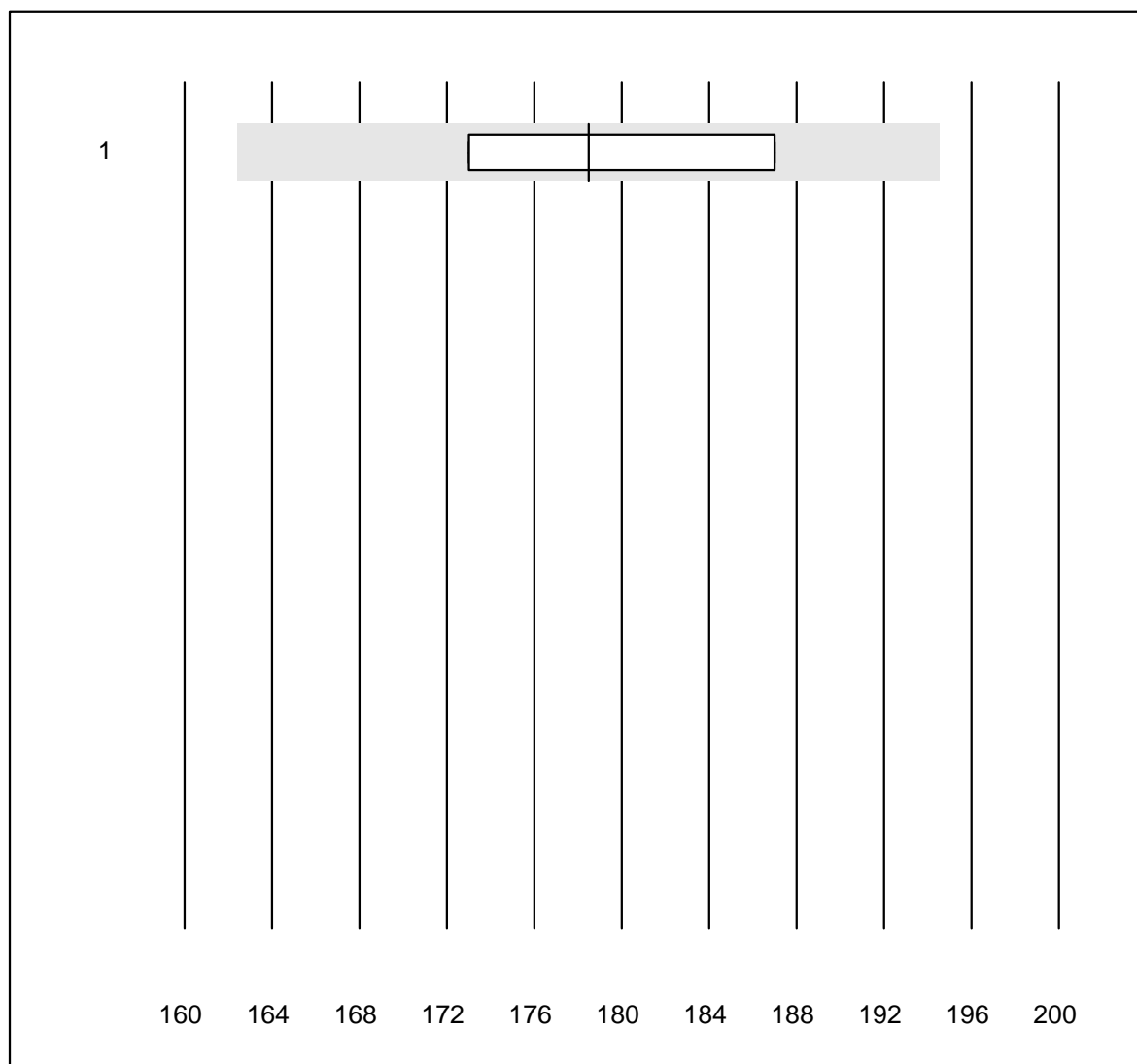


Tolleranza QUALAB : 24 %

Cystatin C (mg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	4	100.0	0.0	0.0	0.7	13.2	e*

## Emoglobina BG

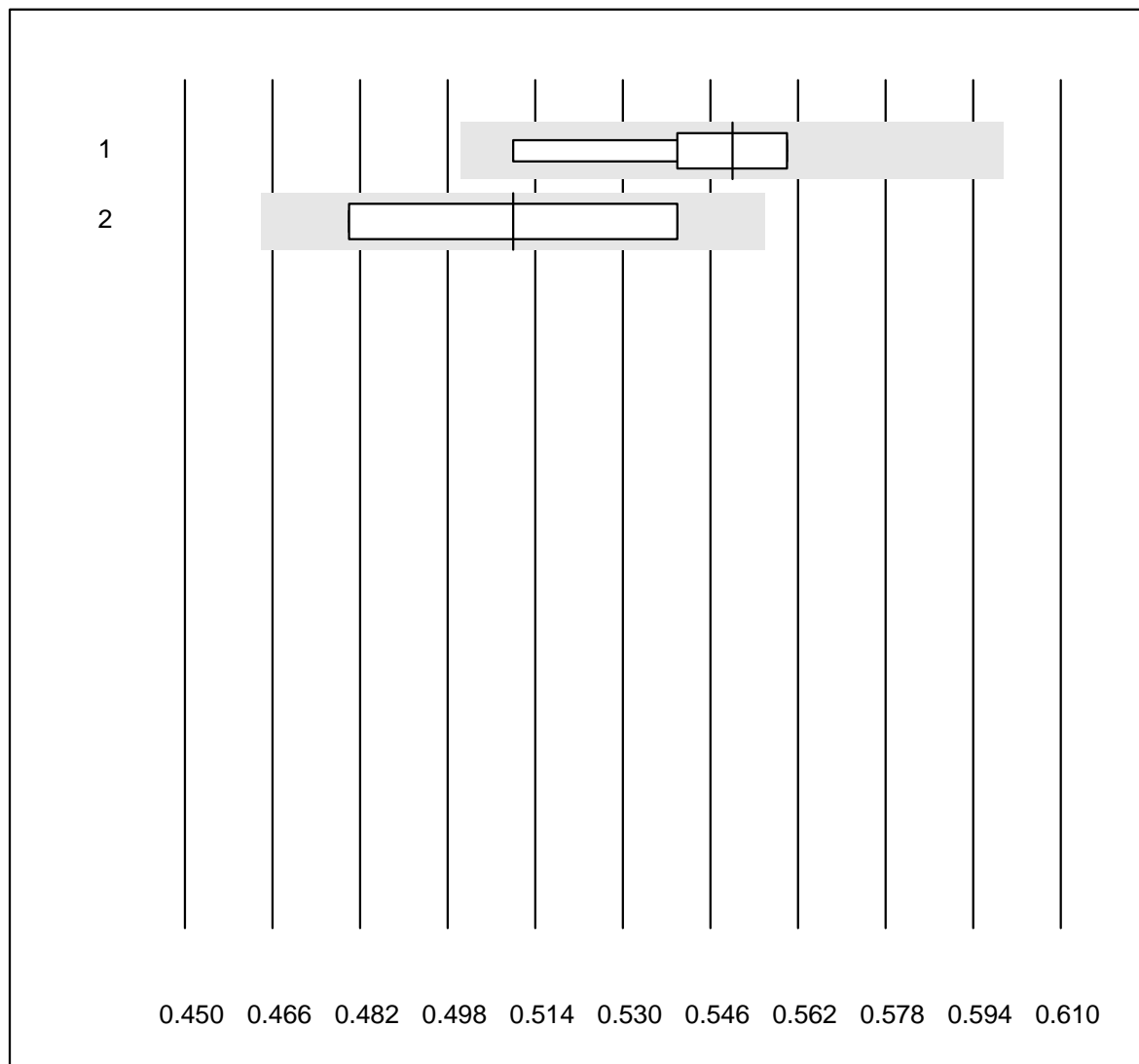


Tolleranza QUALAB : 9 %

Emoglobina BG (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 iStat	4	75.0	0.0	25.0	178.5	4.1	e*

## Ematocrito

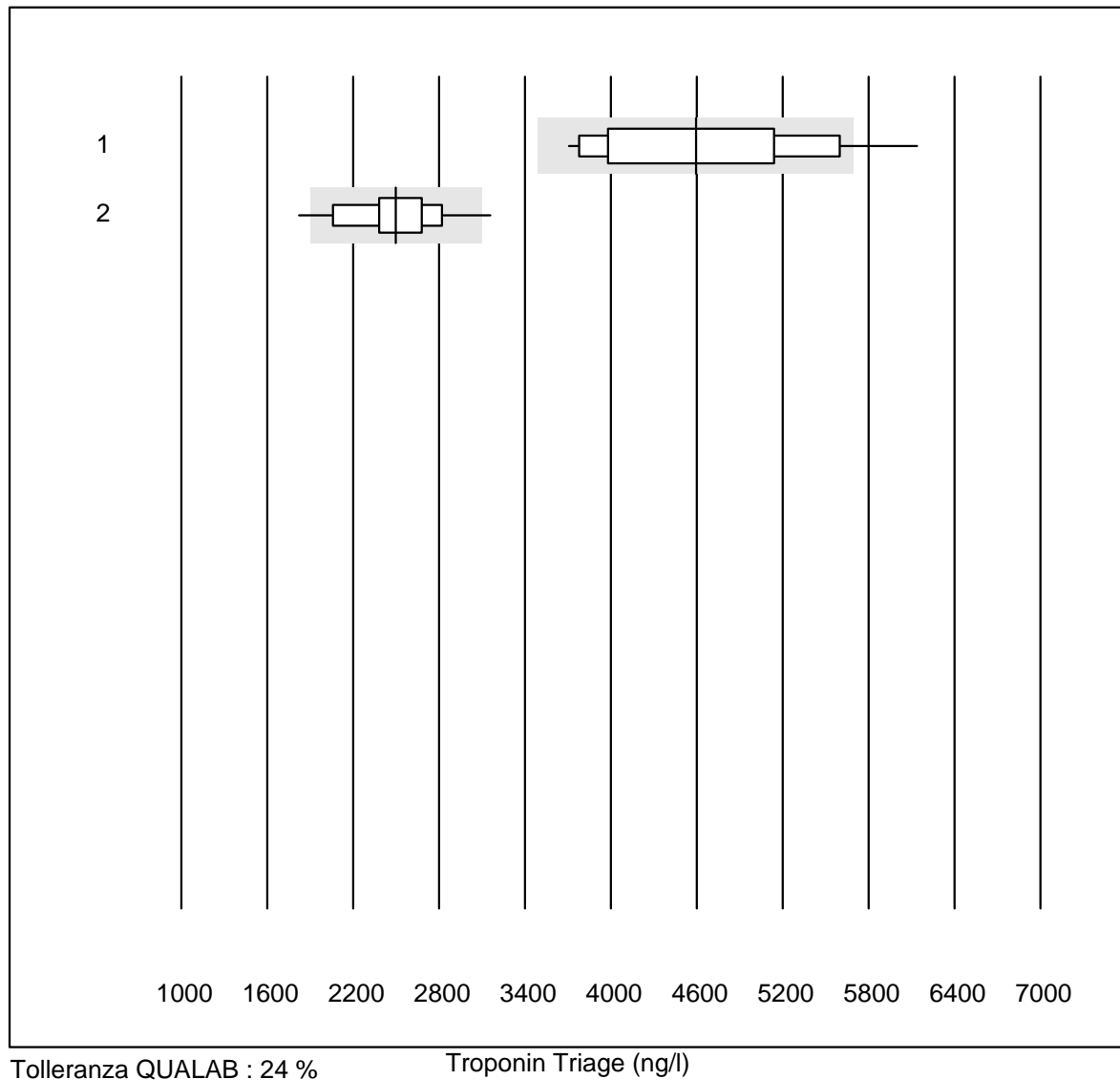


Tolleranza QUALAB : 9 %

Ematocrito (l/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 iStat	5	100.0	0.0	0.0	0.55	3.8	e*
2 EPOC	5	80.0	0.0	20.0	0.51	6.8	a

## Troponin Triage

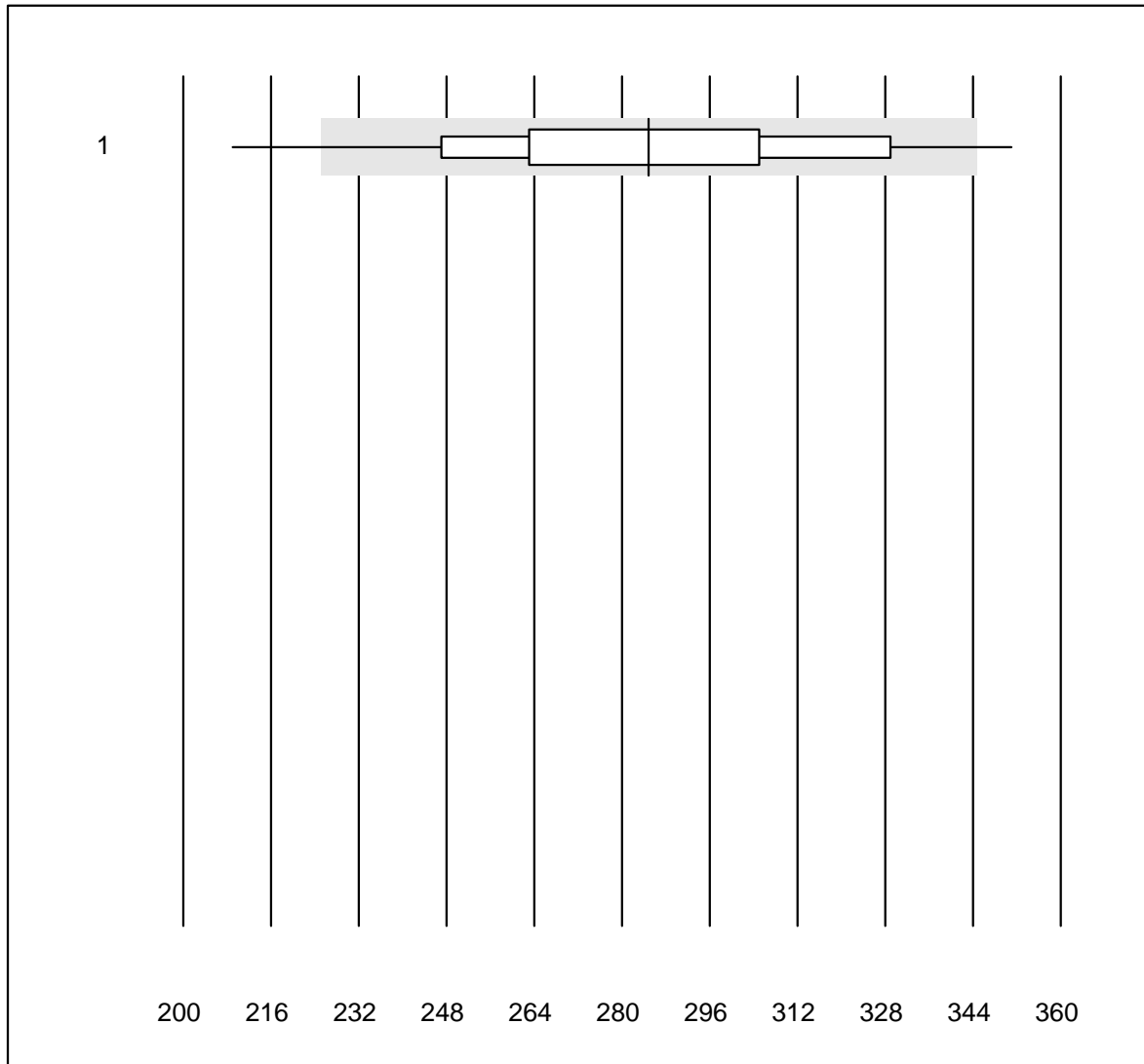


Tolleranza QUALAB : 24 %

Troponin Triage (ng/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage Next Gen	30	93.4	3.3	3.3	4592.90	14.9	e
2 Triage SOB/Cardiac	23	78.3	13.0	8.7	2497.62	14.0	e*

## D-Dimere Triage

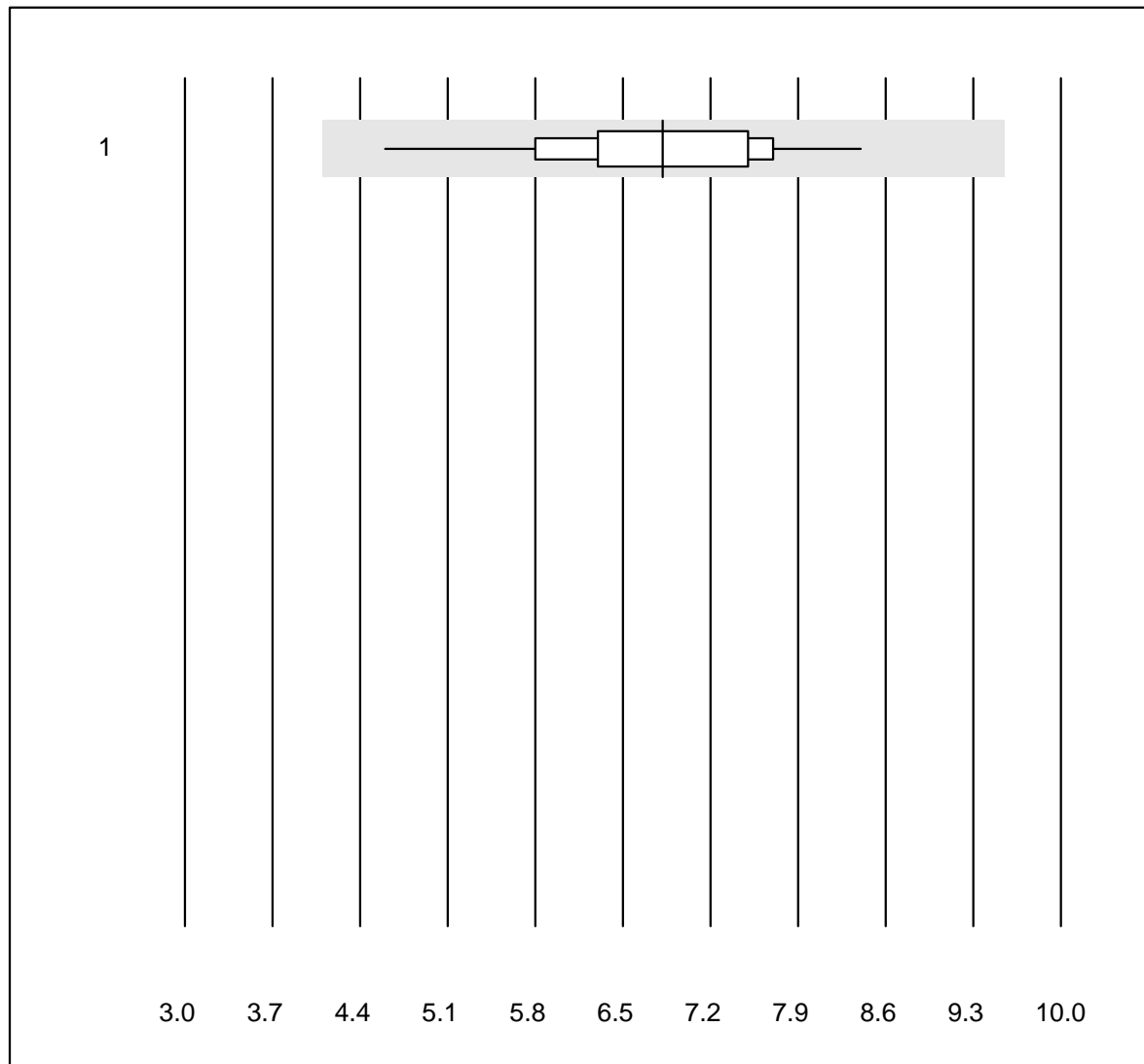


Tolleranza QUALAB : 21 %

D-Dimere Triage (ng/ml)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage	49	91.8	4.1	4.1	284.89	10.9	e

## CK-MB Triage

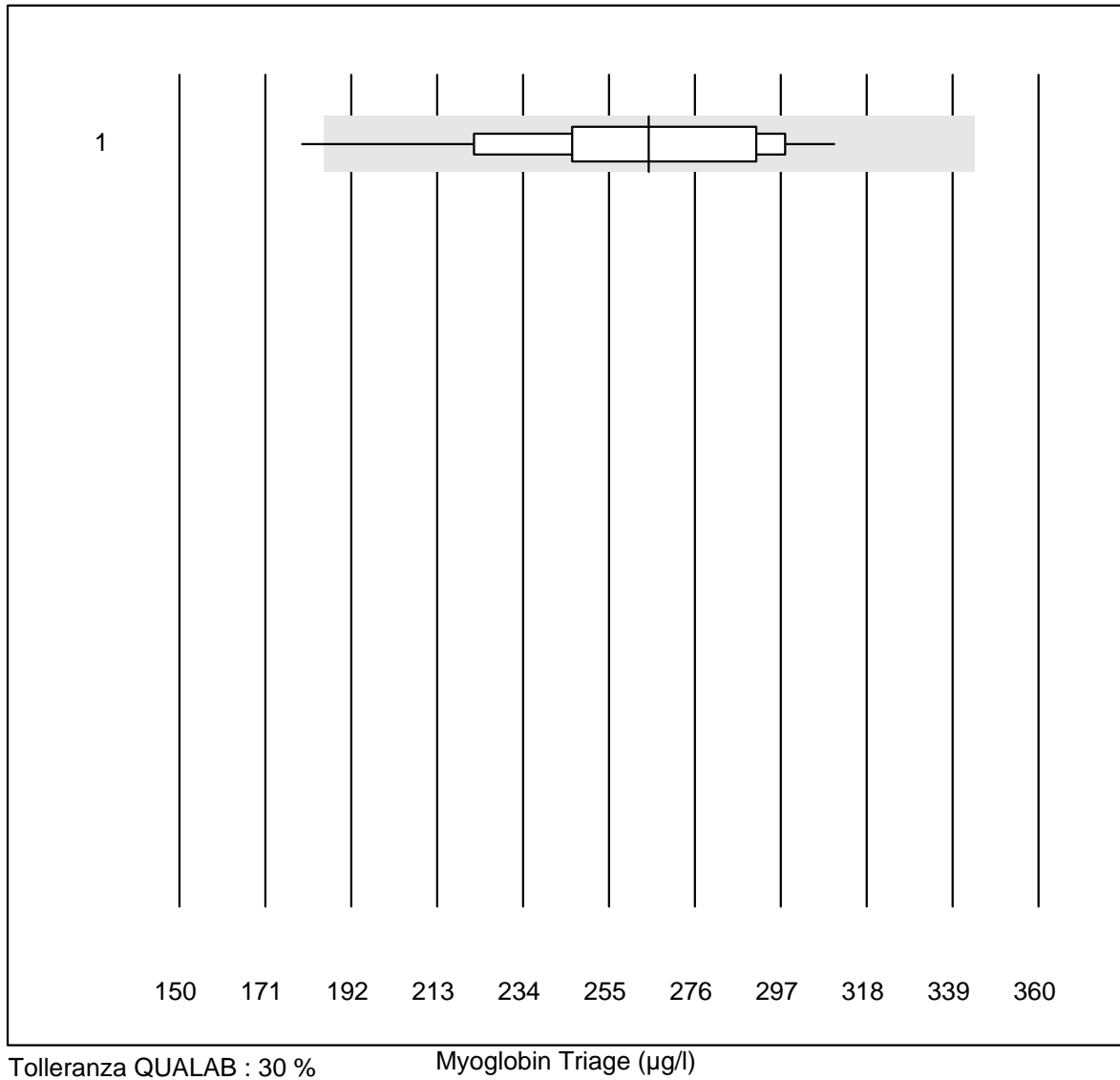


Tolleranza QUALAB : 40 %

CK-MB Triage ( $\mu\text{g/l}$ )

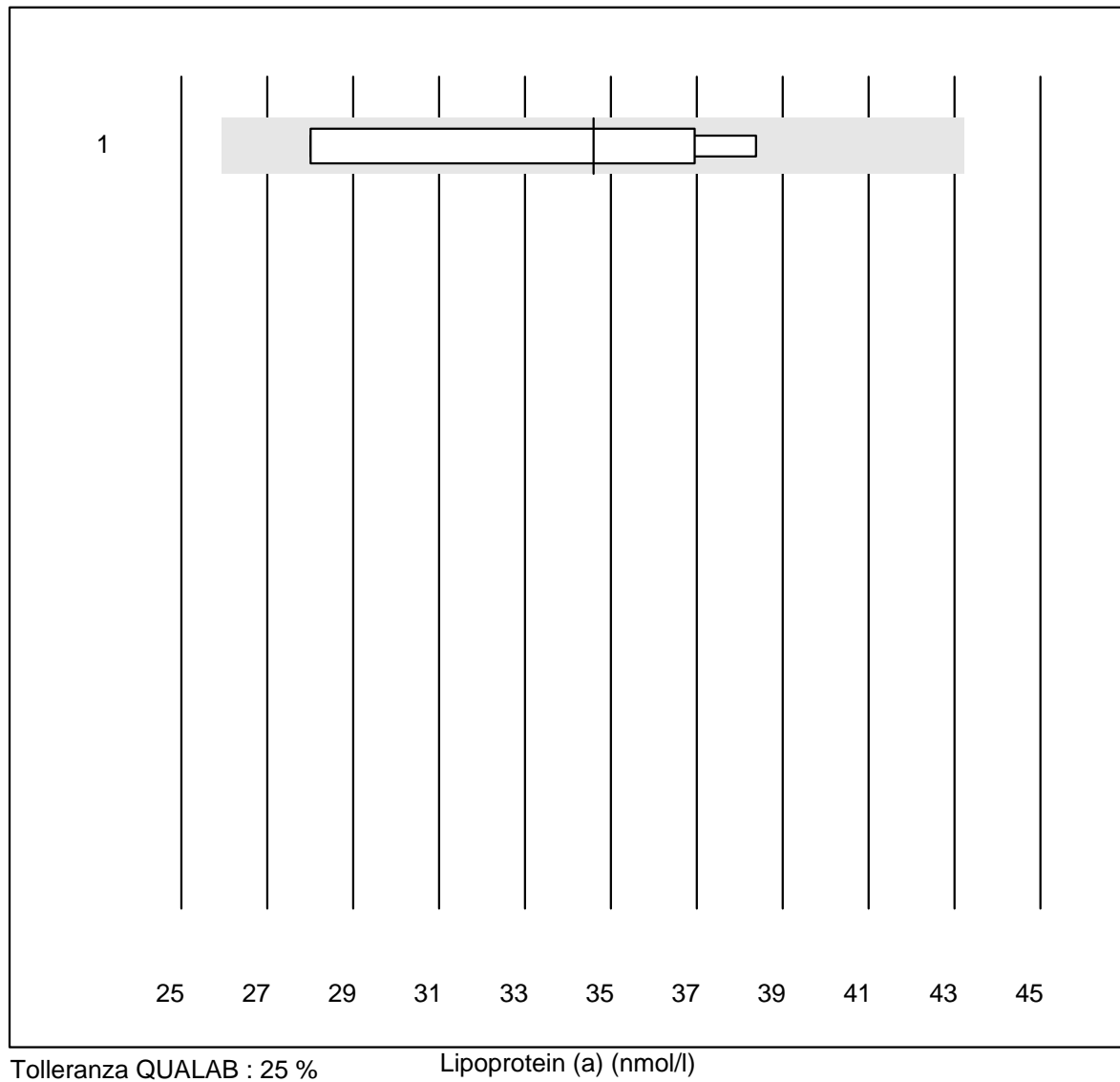
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage	21	100.0	0.0	0.0	6.8	12.6	e

## Myoglobin Triage



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Triage	19	94.7	5.3	0.0	264.8	11.7	e

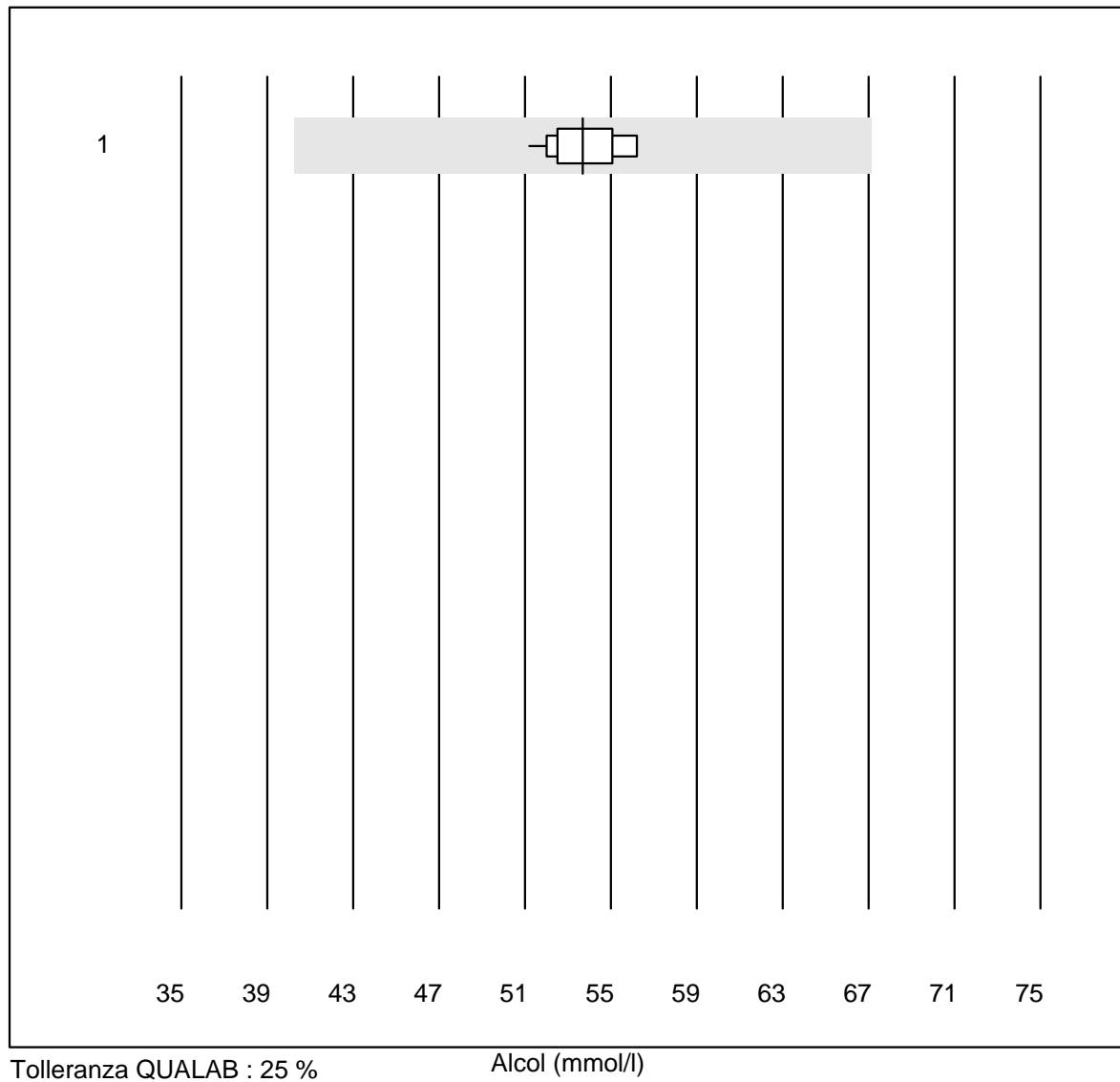
## Lipoprotein (a)



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	4	100.0	0.0	0.0	35	13.3	a

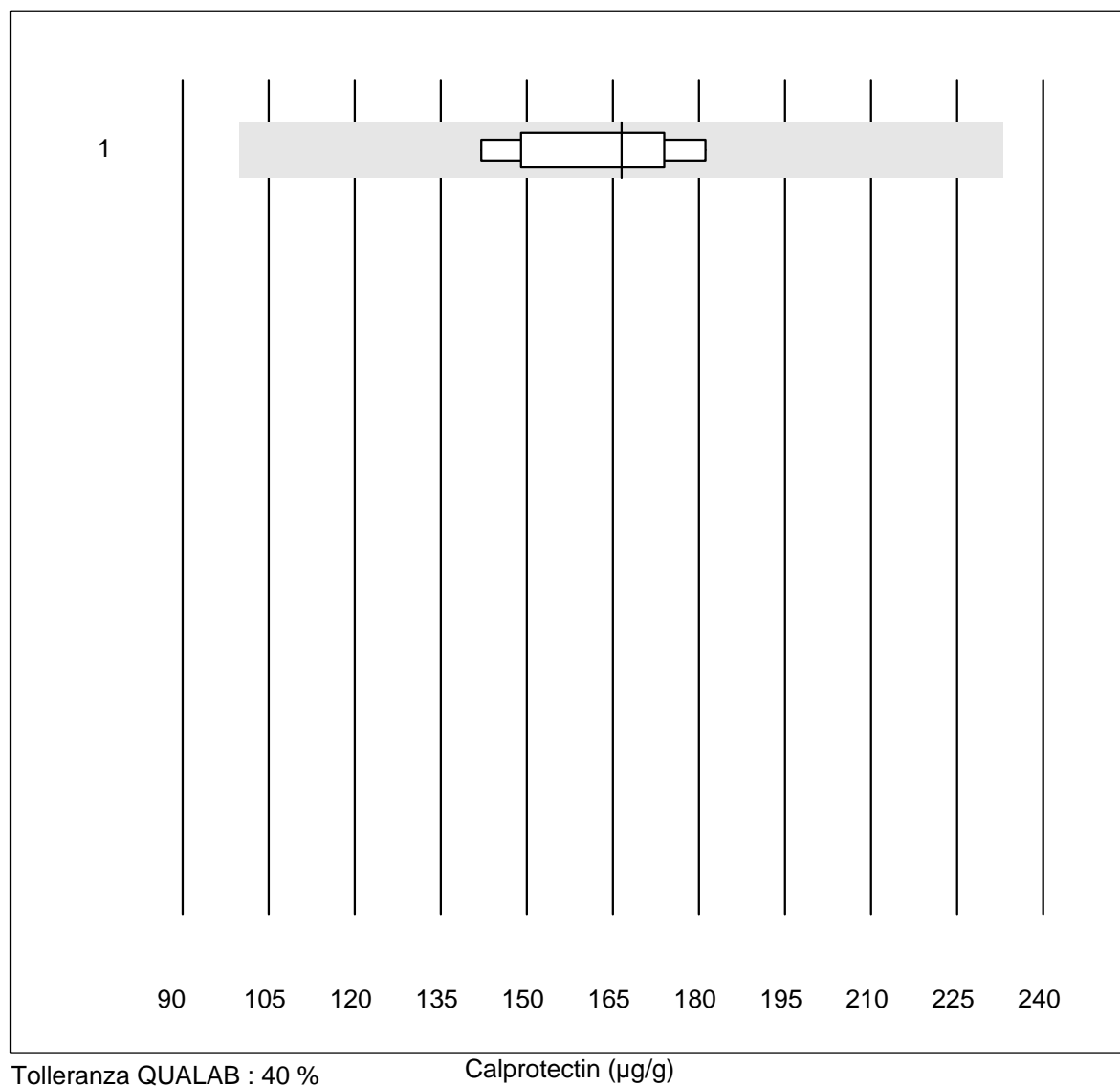


## Alcol



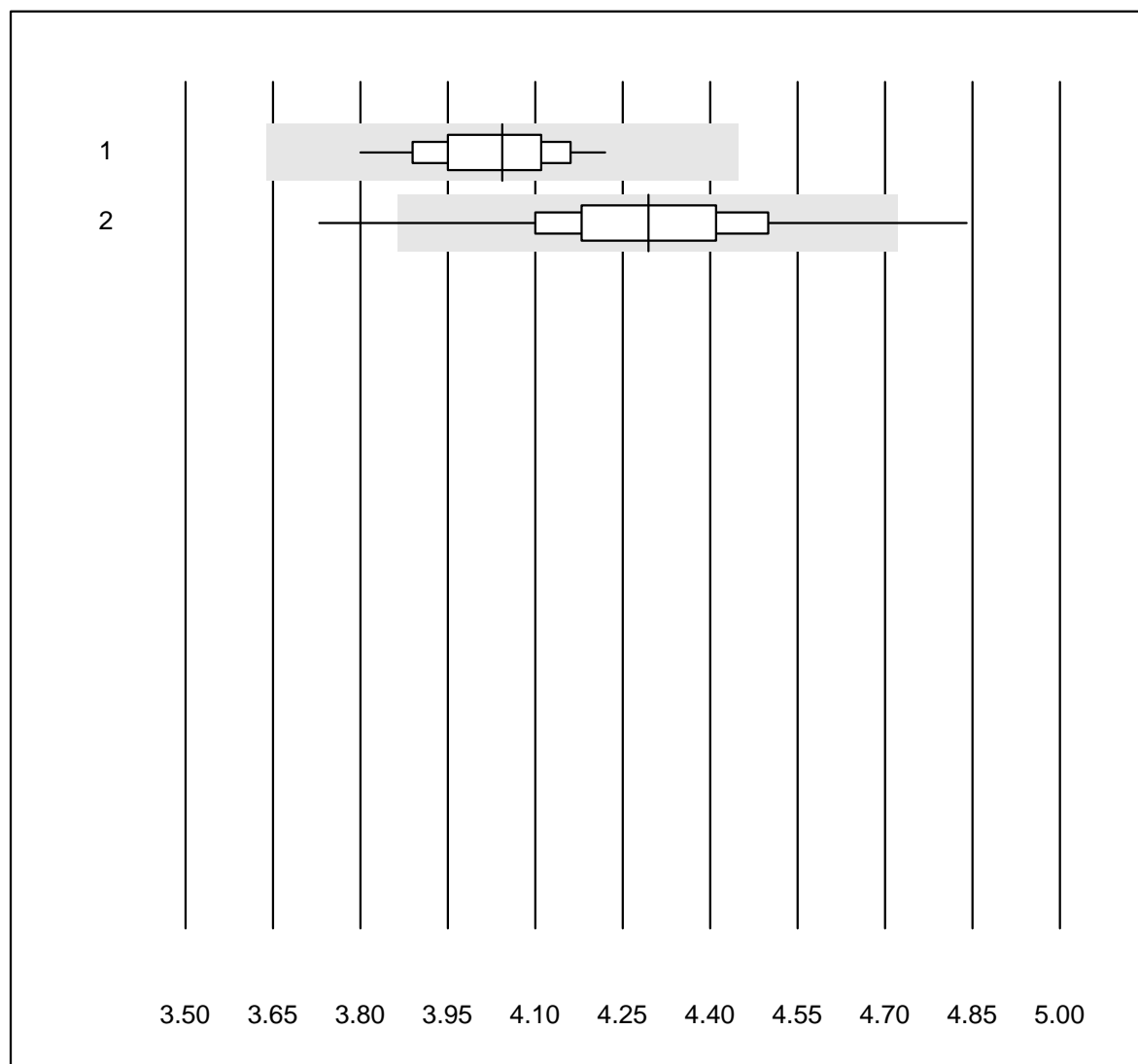
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 tutti	13	100.0	0.0	0.0	53.7	3.1	e

## Calprotectin



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Bühlmann	7	100.0	0.0	0.0	167	9.0	e

## Colesterolo Af/b101

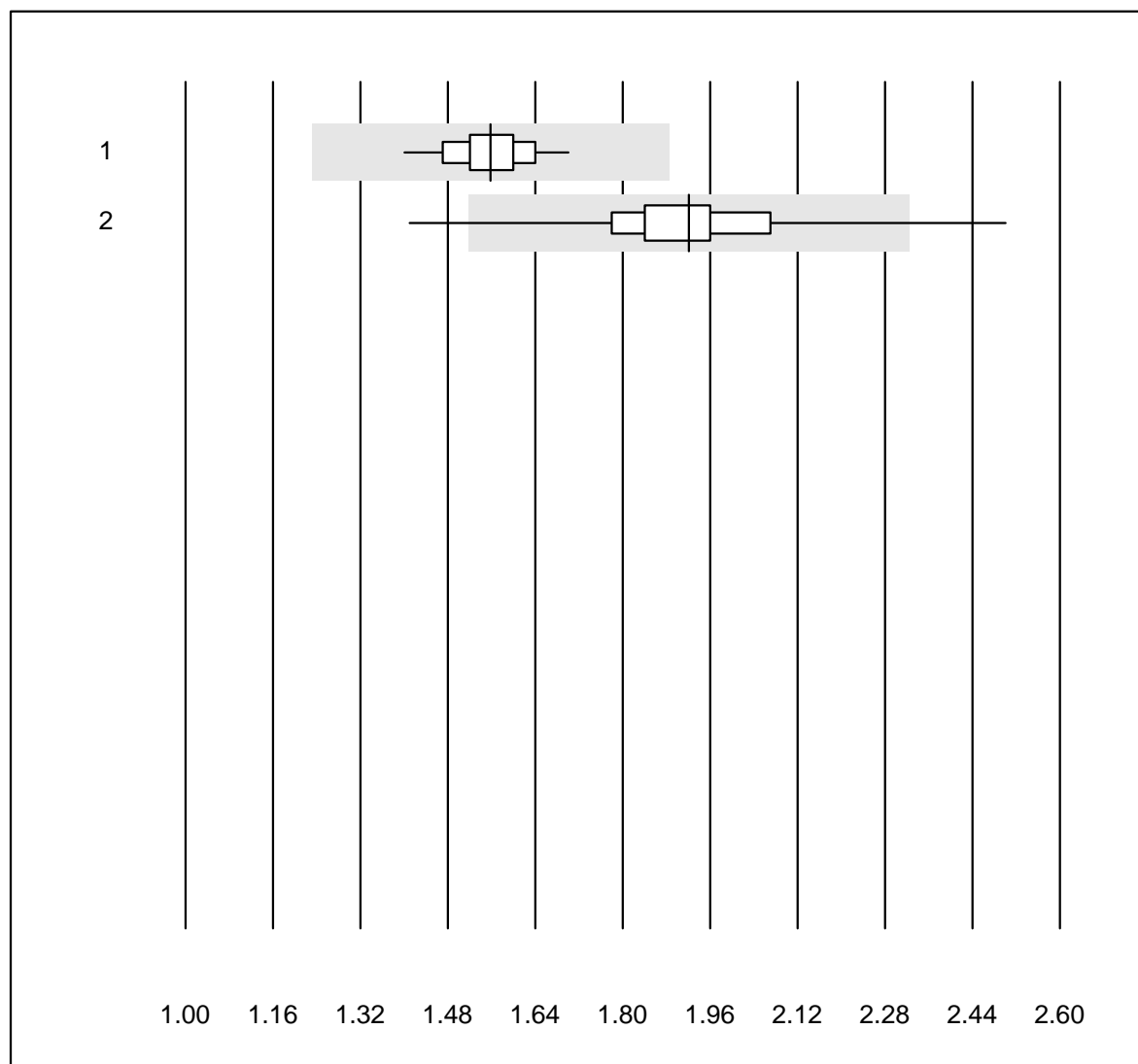


Tolleranza QUALAB : 10 %

Colesterolo Af/b101 (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b101	44	100.0	0.0	0.0	4.04	2.5	e
2 Afinion	275	98.9	0.7	0.4	4.29	3.9	e

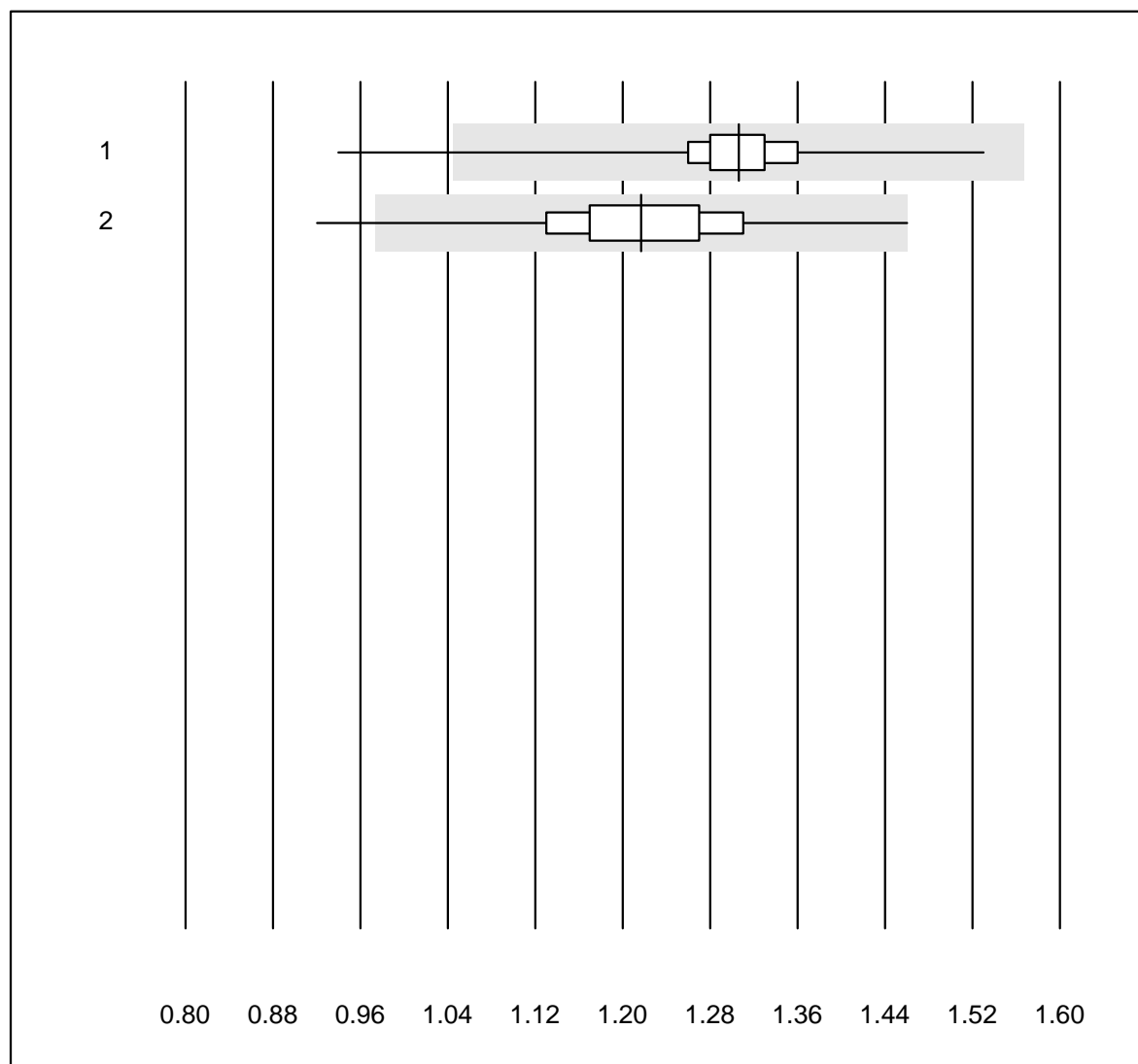
## Colesterolo HDL Af/b101



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

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b101	44	95.5	0.0	4.5	1.56	4.6	e
2 Afinion	263	96.9	2.3	0.8	1.92	7.1	e

## Trigliceridi Af/b101

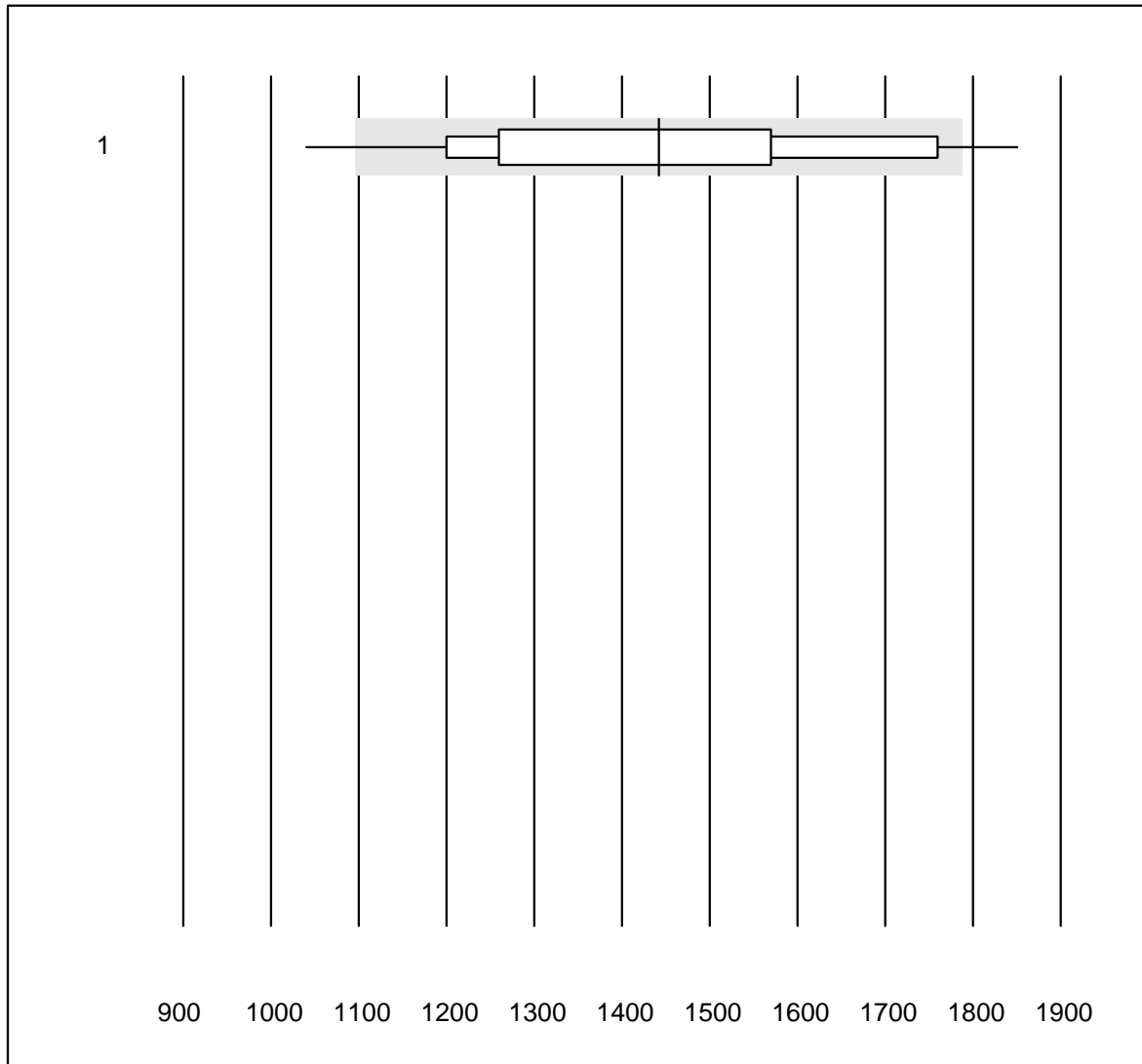


Tolleranza QUALAB : 20 %

Trigliceridi Af/b101 (mmol/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas b101	44	84.1	2.3	13.6	1.31	6.3	e
2 Afinion	272	88.6	1.1	10.3	1.22	6.7	e

## Troponina I S

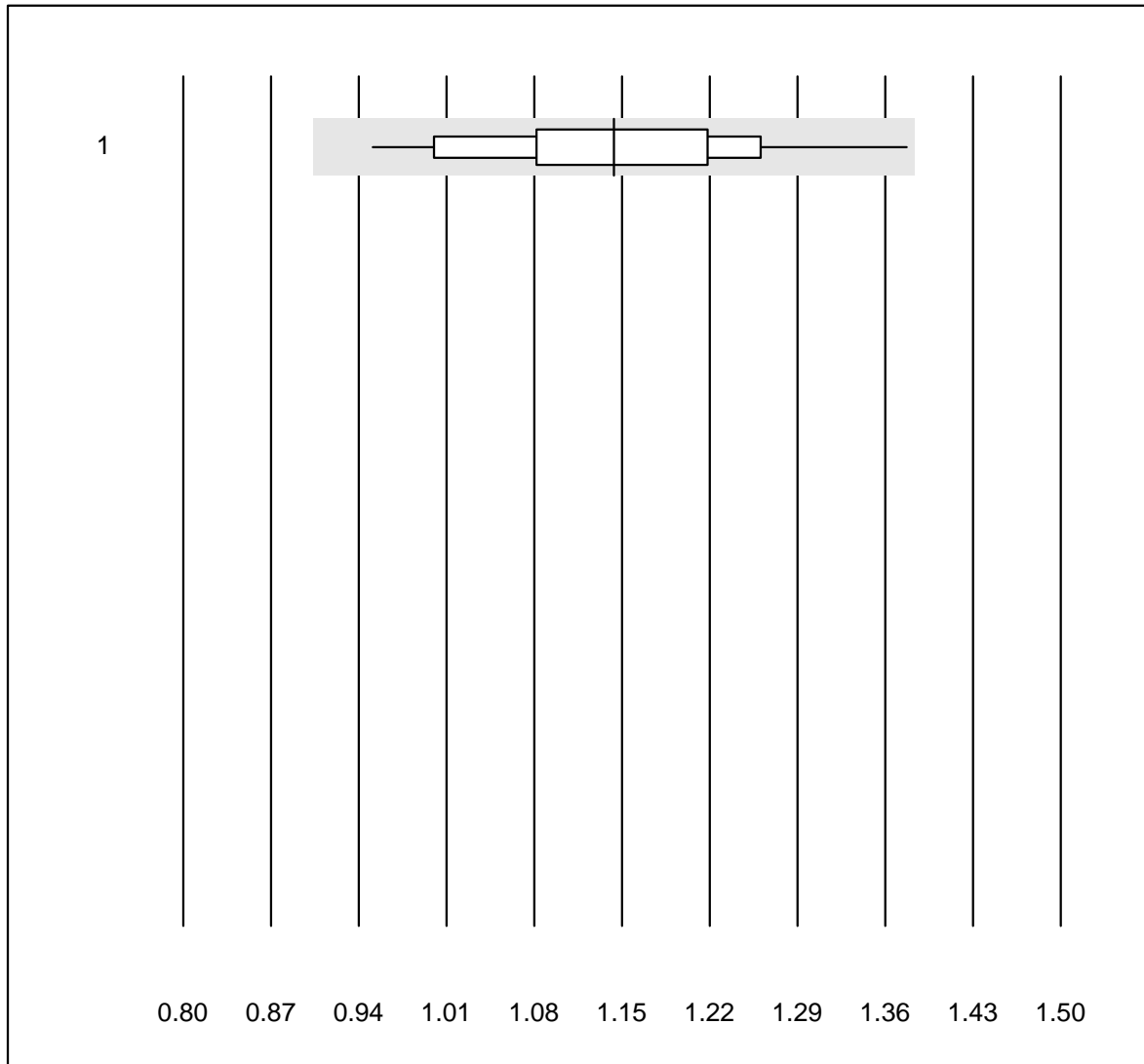


Tolleranza QUALAB : 24 %

Troponina I S (ng/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Samsung LABGEO IB10	67	88.1	10.4	1.5	1441.89	14.9	e

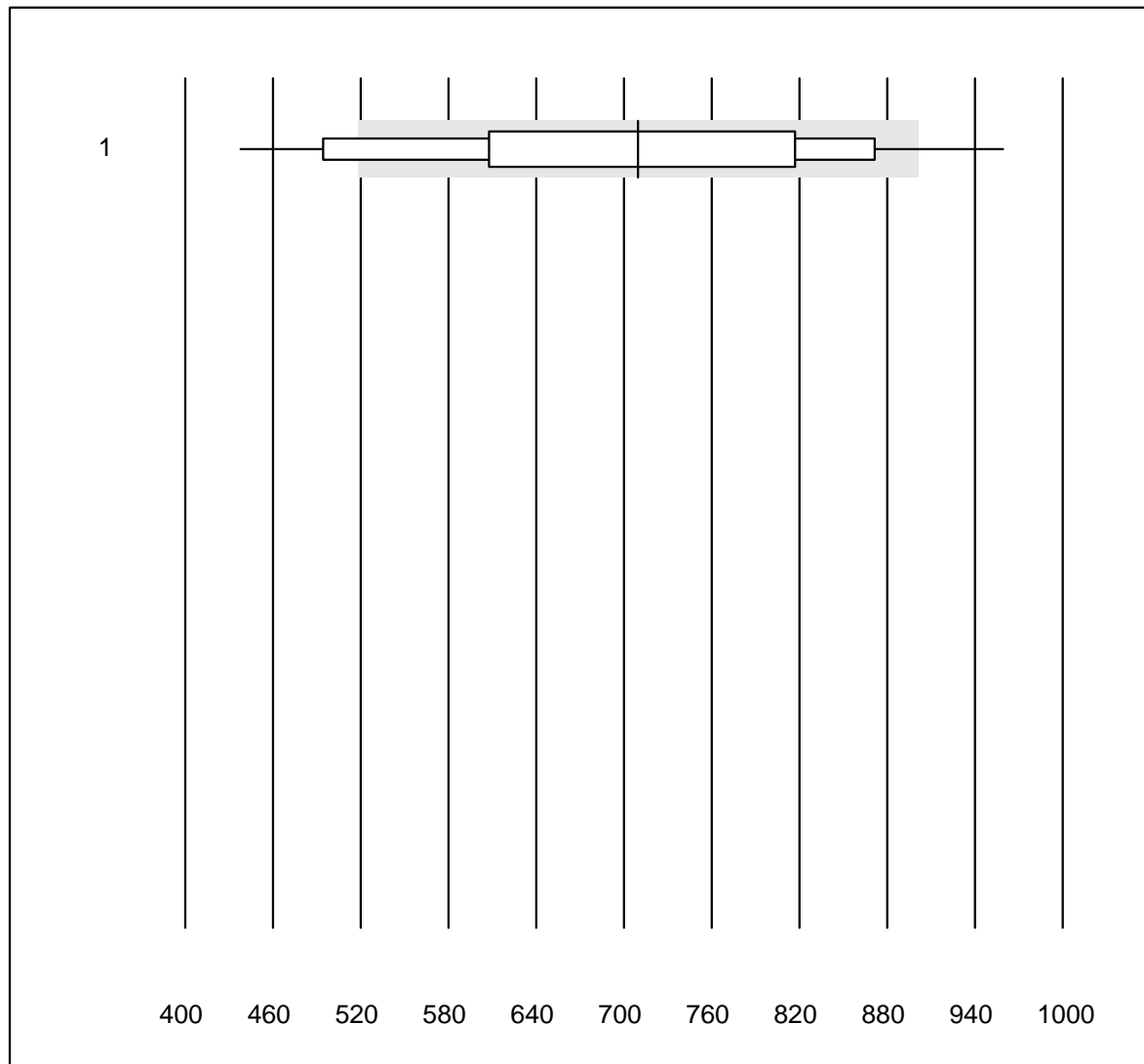
## D Dimeri qn S



Tolleranza QUALAB : 21 %

D Dimeri qn S (mg/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Samsung LABGEO IB10	81	98.8	0.0	1.2	1.14	8.9	e

**NT-pro BNP S**

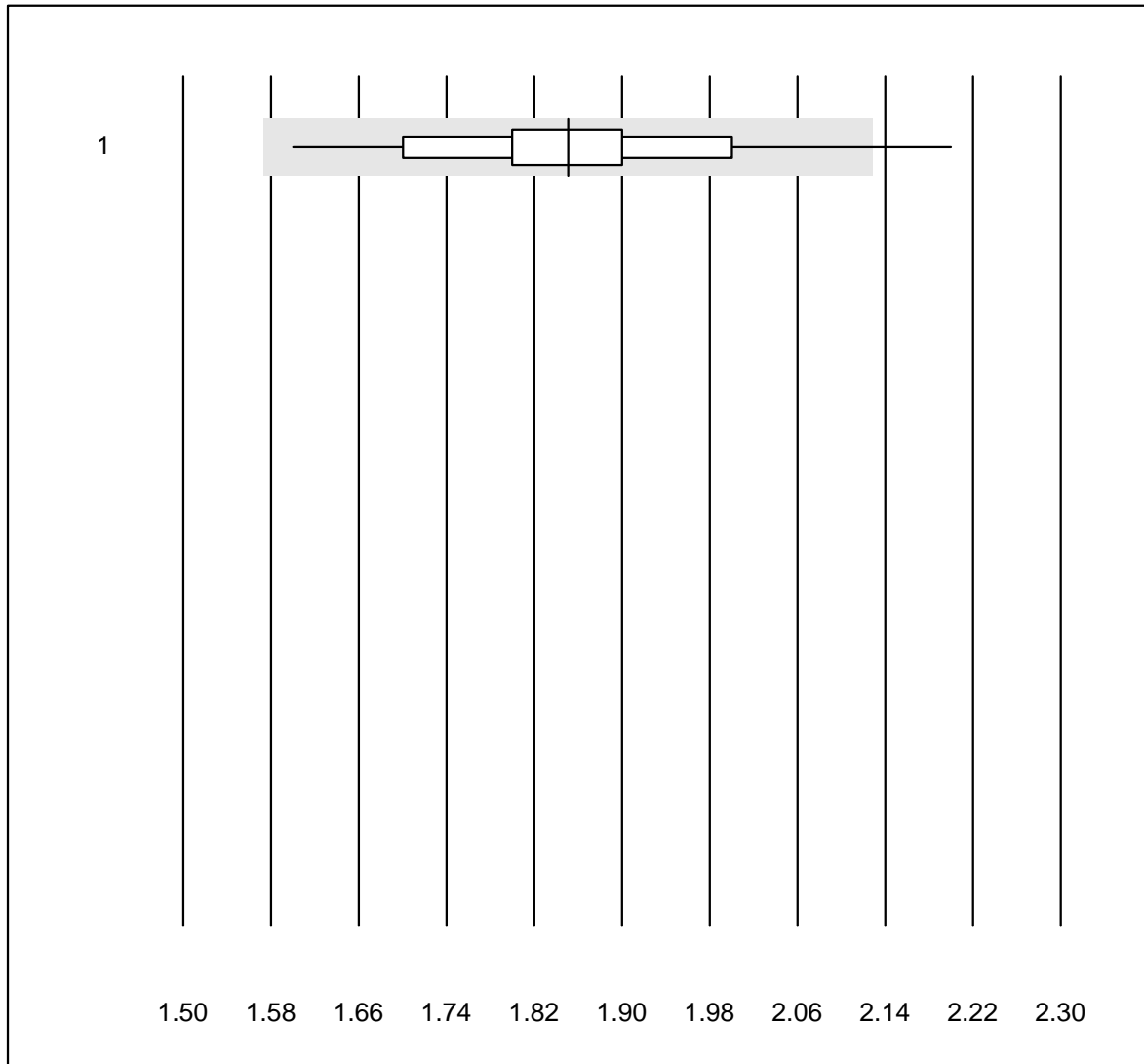
Tolleranza QUALAB : 27 %

NT-pro BNP S (ng/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Samsung LABGEO IB10	53	71.7	20.8	7.5	709.7	19.7	e



## INR MI

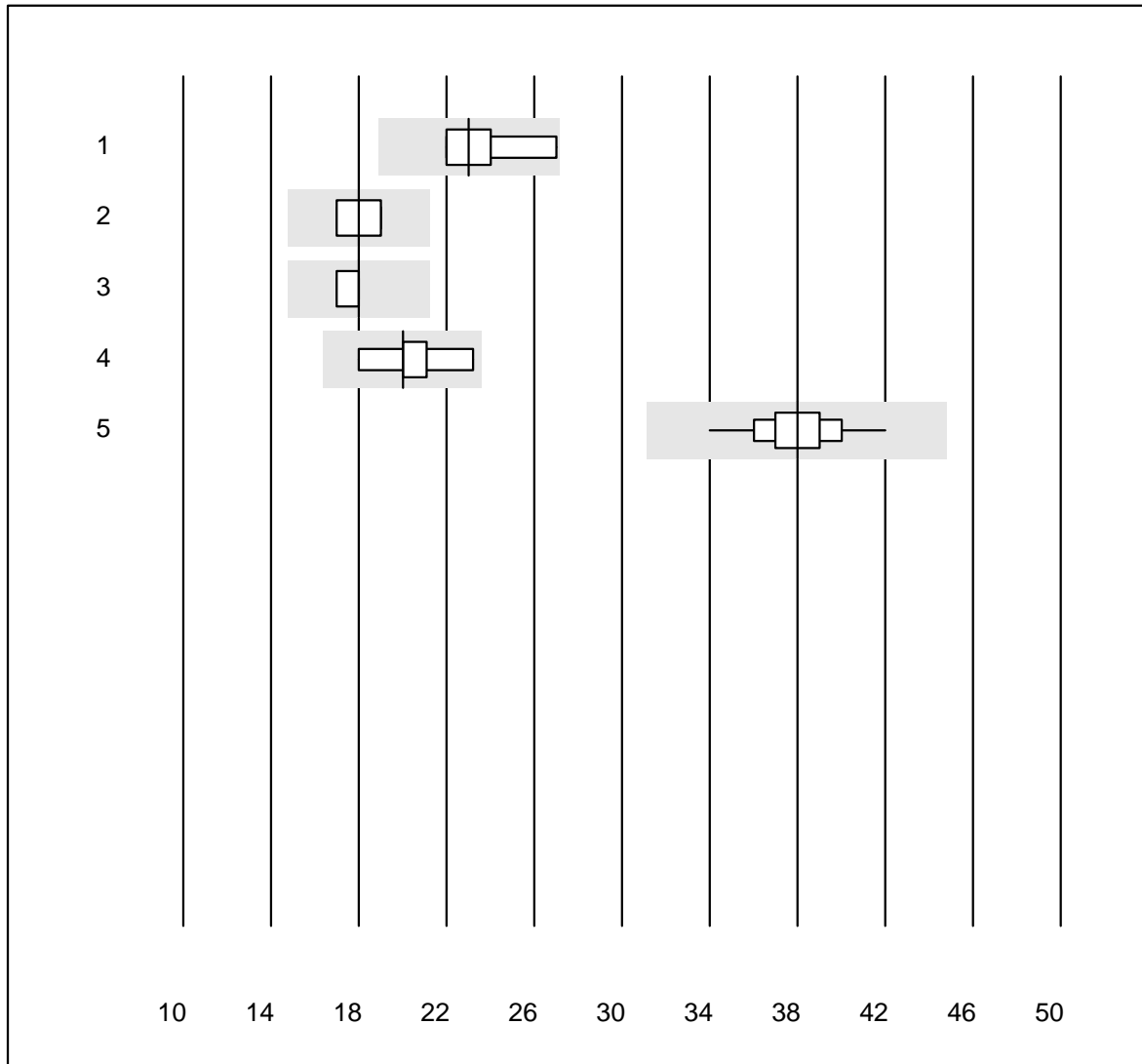


Tolleranza QUALAB : 15 %

INR MI ( )

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 MicroINR	72	88.9	1.4	9.7	1.9	7.5	e

## Lipasi

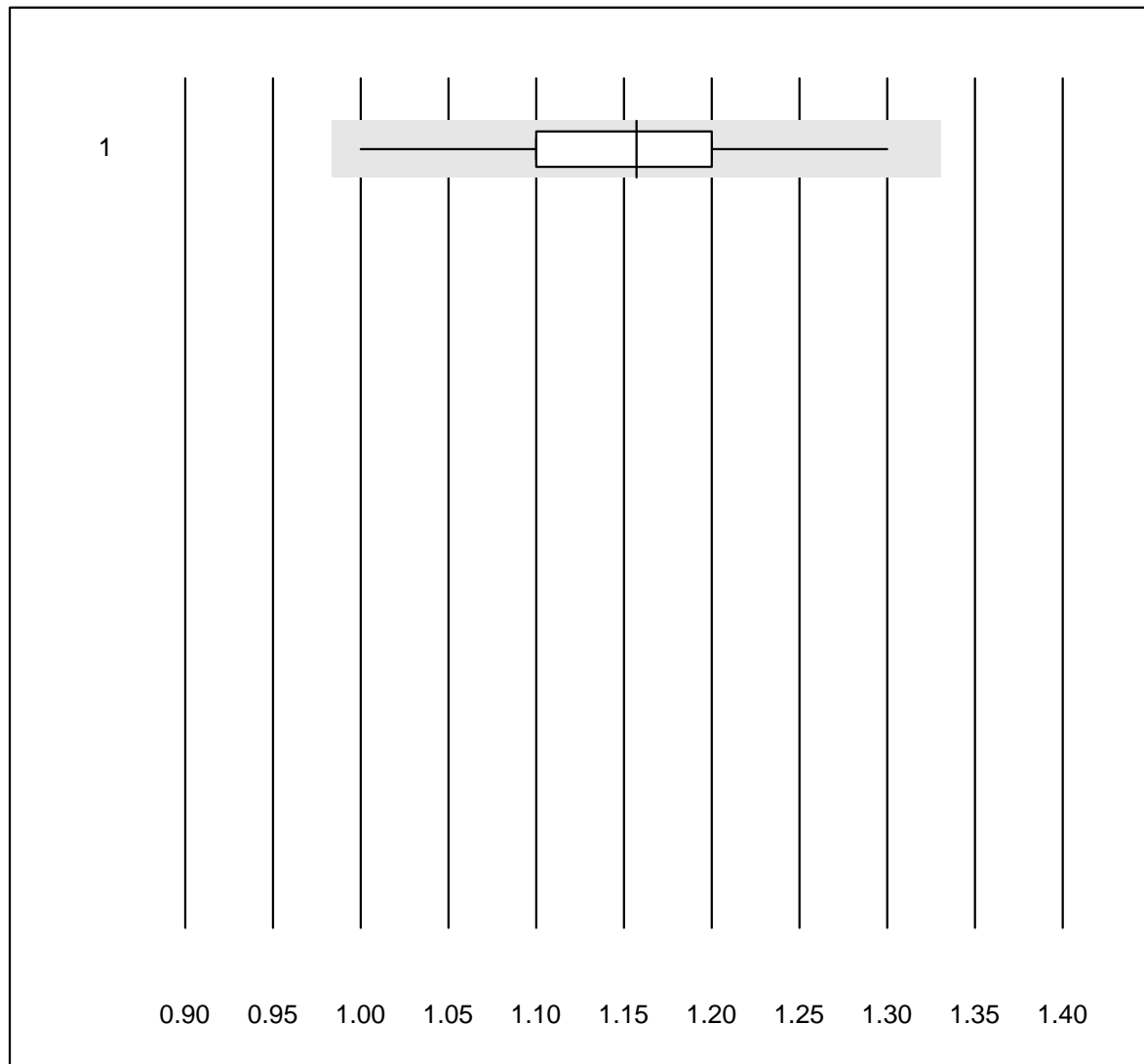


Tolleranza QUALAB : 18 %

Lipasi (U/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Autolyser/DiaSys	4	100.0	0.0	0.0	23.0	9.9	e*
2 Architect	4	75.0	0.0	25.0	18.0	6.5	e*
3 Beckman	5	80.0	0.0	20.0	18.0	2.8	e
4 Cobas	9	100.0	0.0	0.0	20.0	6.9	e*
5 Fuji Dri-Chem	88	98.9	0.0	1.1	38.0	4.4	e

## INR Xprecia

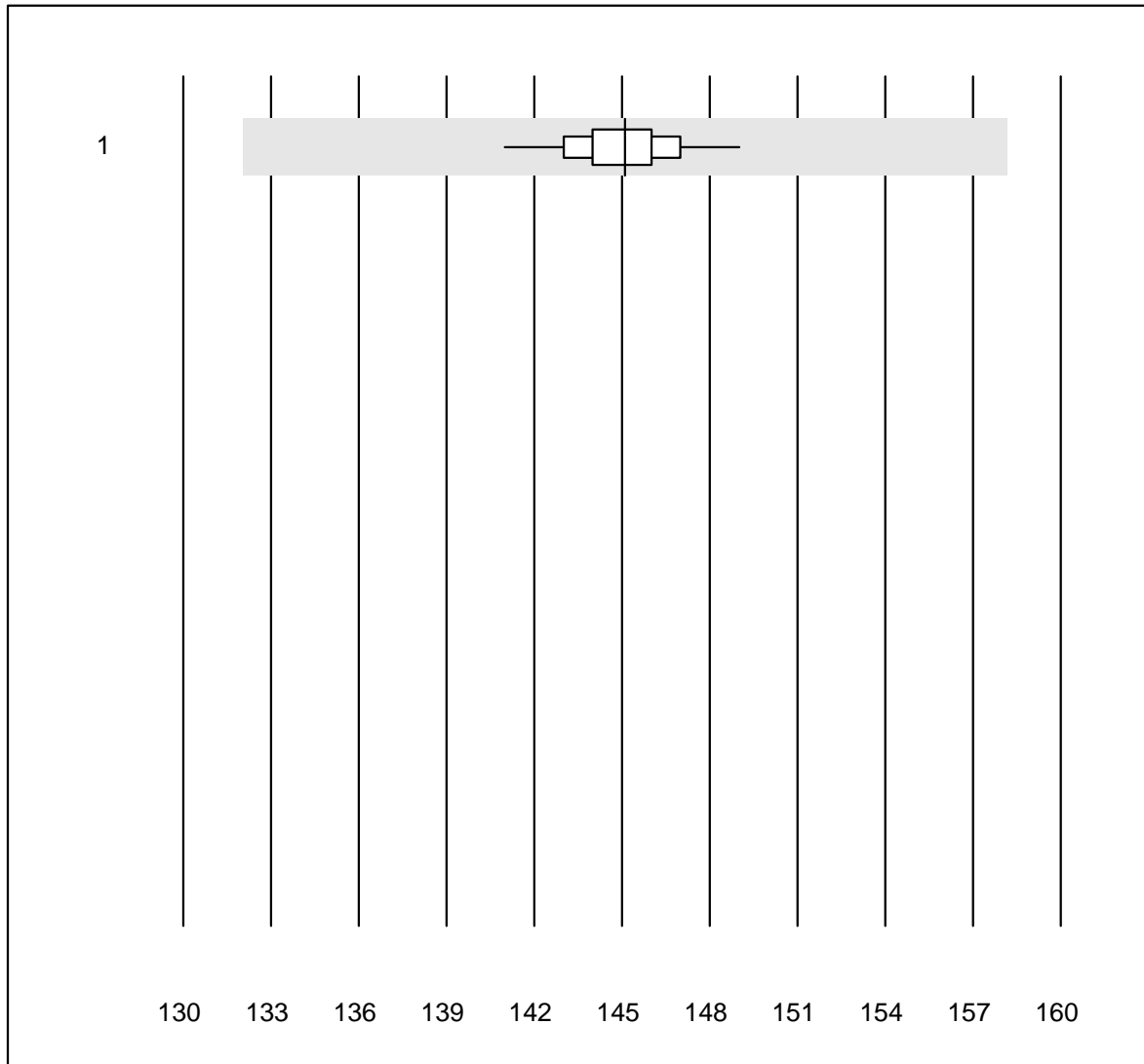


Tolleranza QUALAB : 15 %

INR Xprecia ()

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Xprecia	21	100.0	0.0	0.0	1.2	5.8	e

# Emoglobina

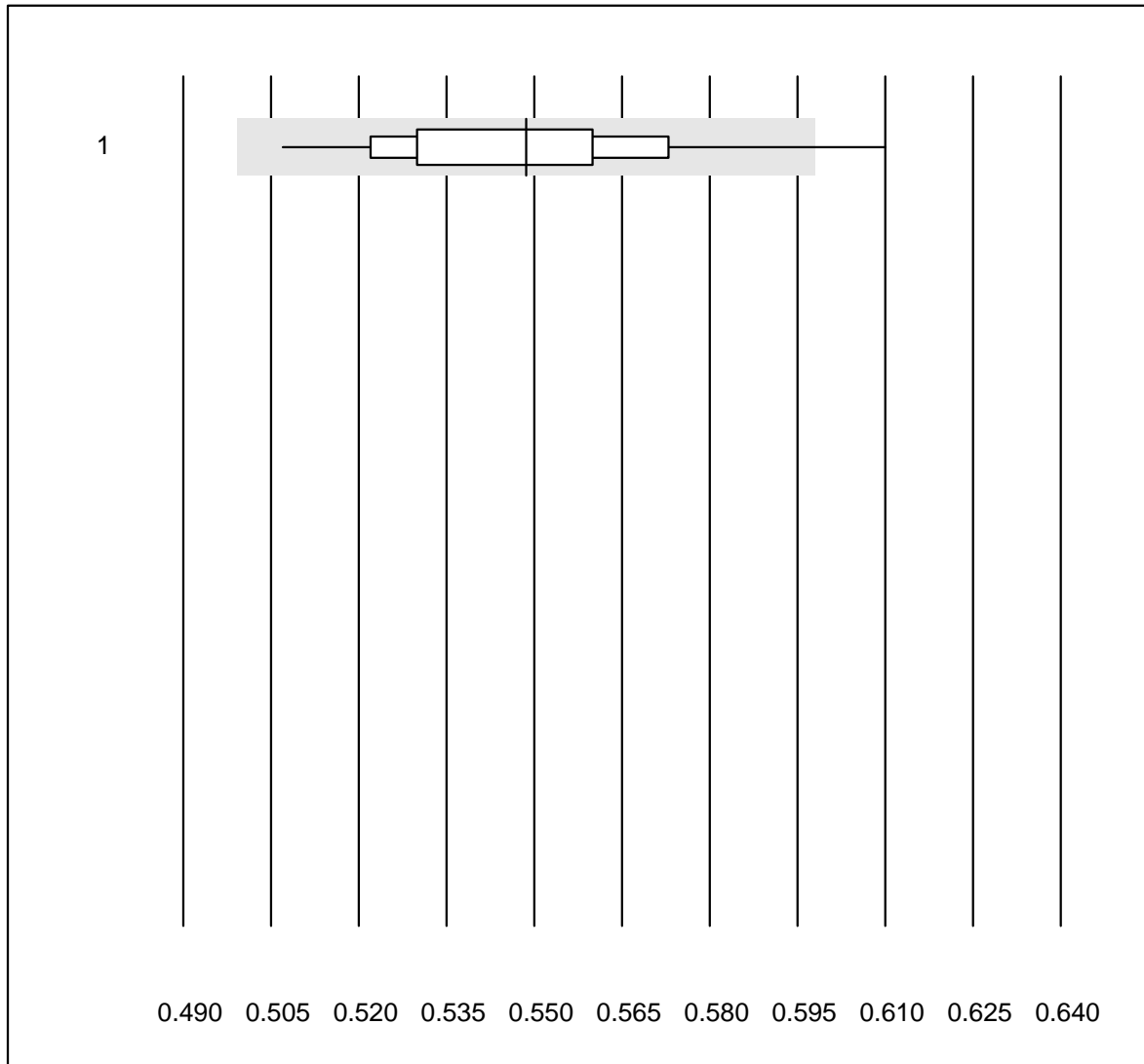


Tolleranza QUALAB : 9 %

Emoglobina (g/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	32	100.0	0.0	0.0	145.1	1.1	e

## Ematocrito

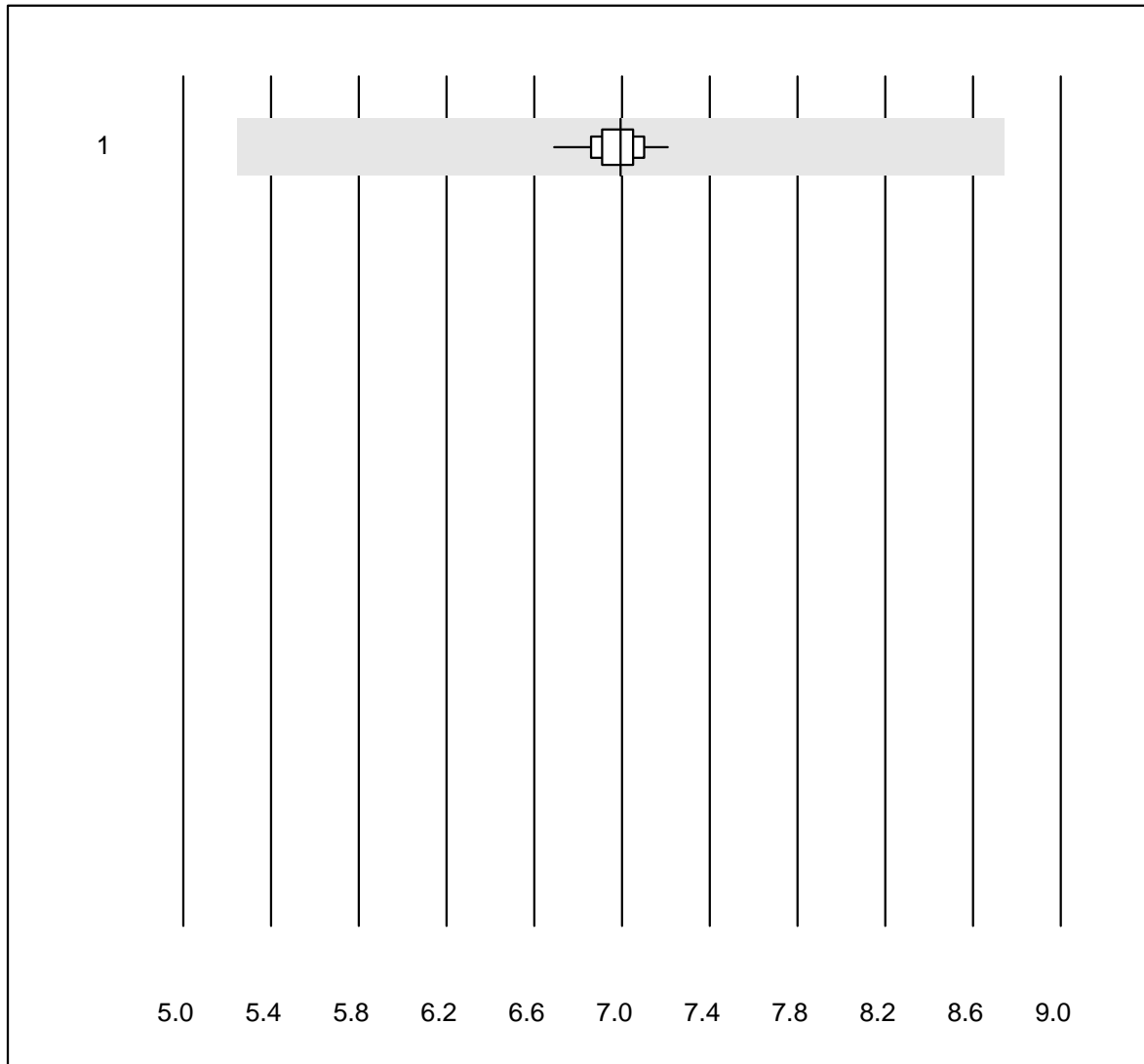


Tolleranza QUALAB : 9 %

Ematocrito (l/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	32	96.9	3.1	0.0	0.55	4.1	e

## Eritrociti

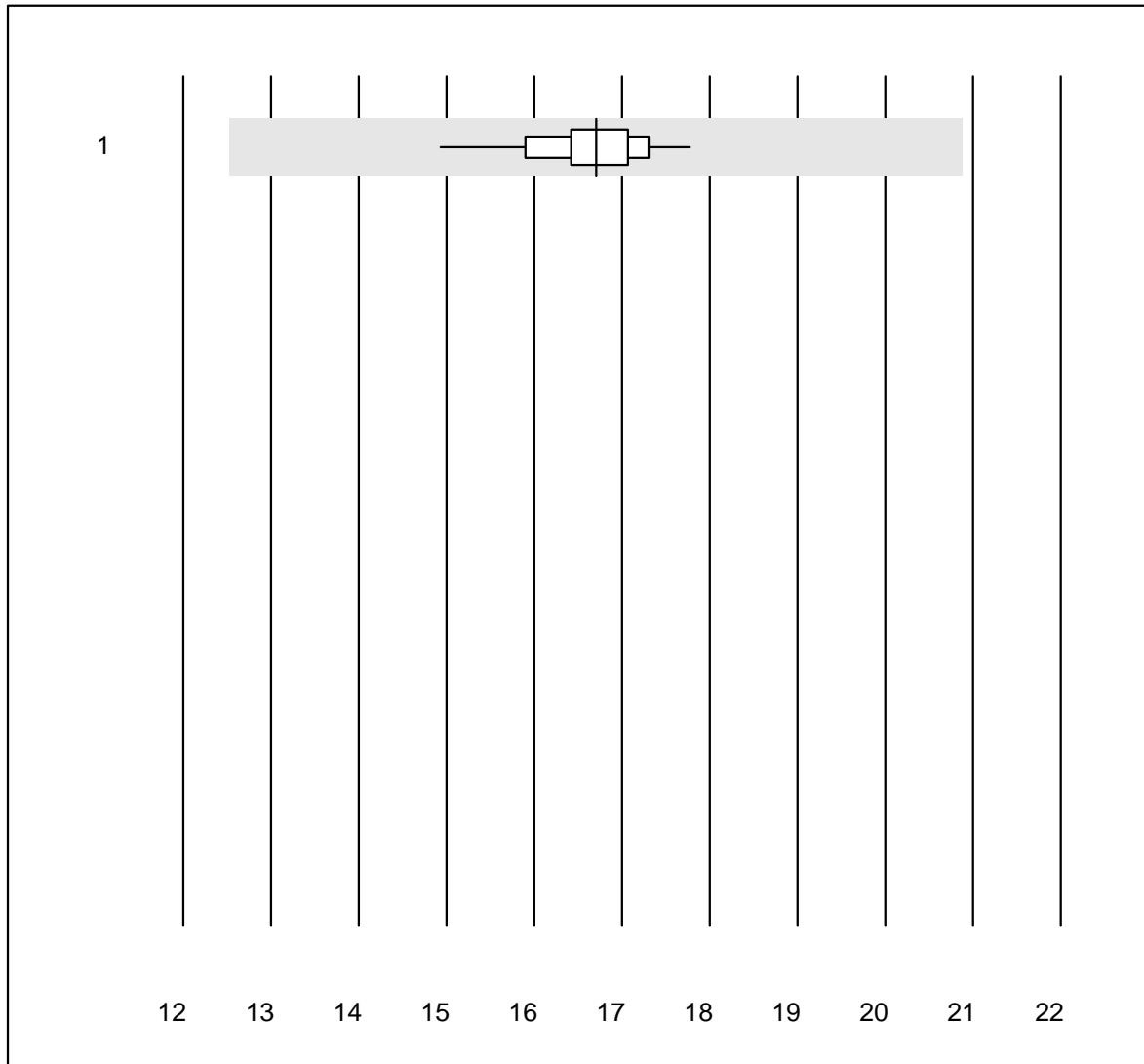


Tolleranza QUALAB : 25 %

Eritrociti (T/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	32	100.0	0.0	0.0	6.99	1.5	e

# Leucociti

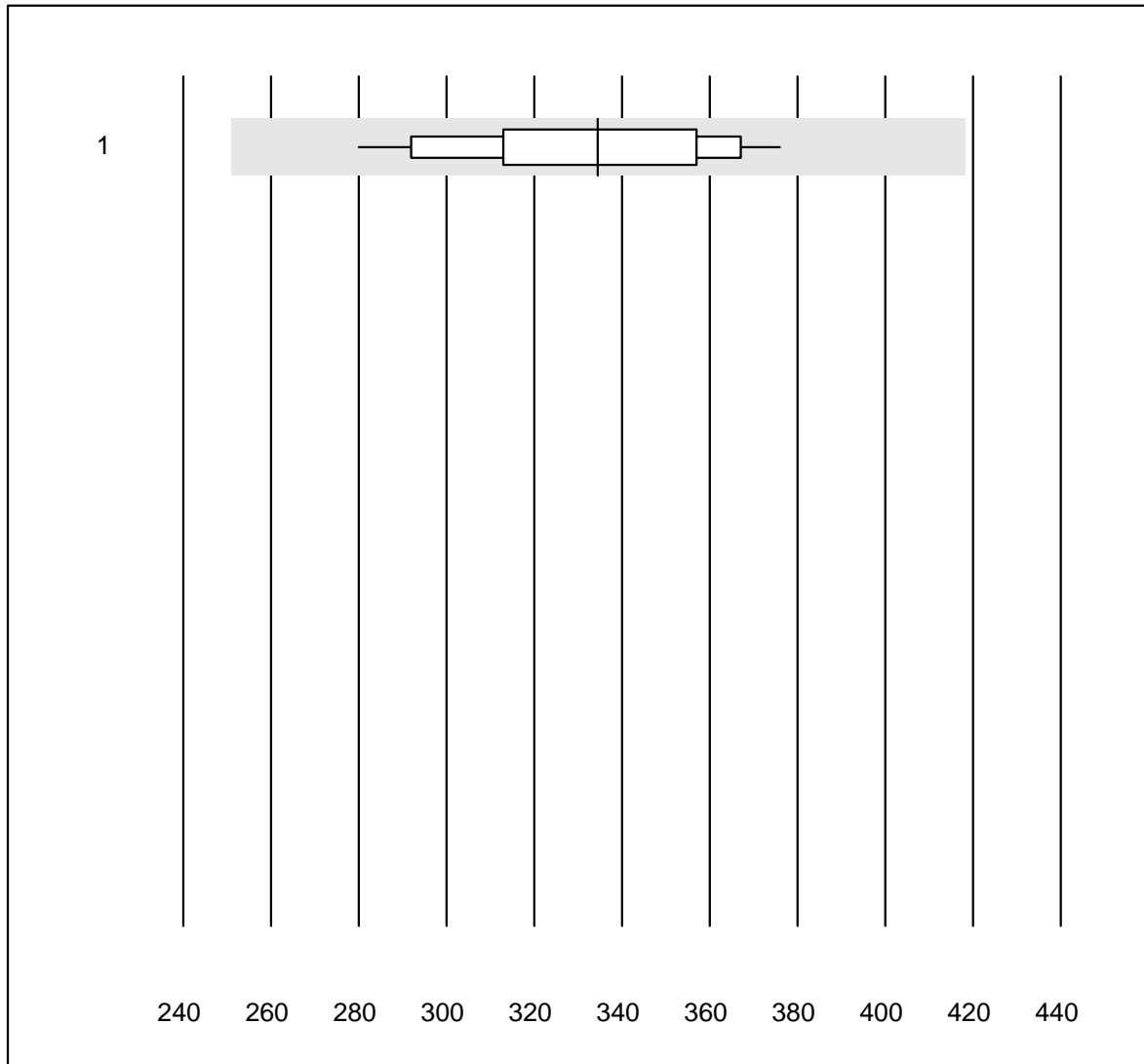


Tolleranza QUALAB : 25 %

Leucociti (G/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	32	100.0	0.0	0.0	16.71	3.5	e

## Trombociti



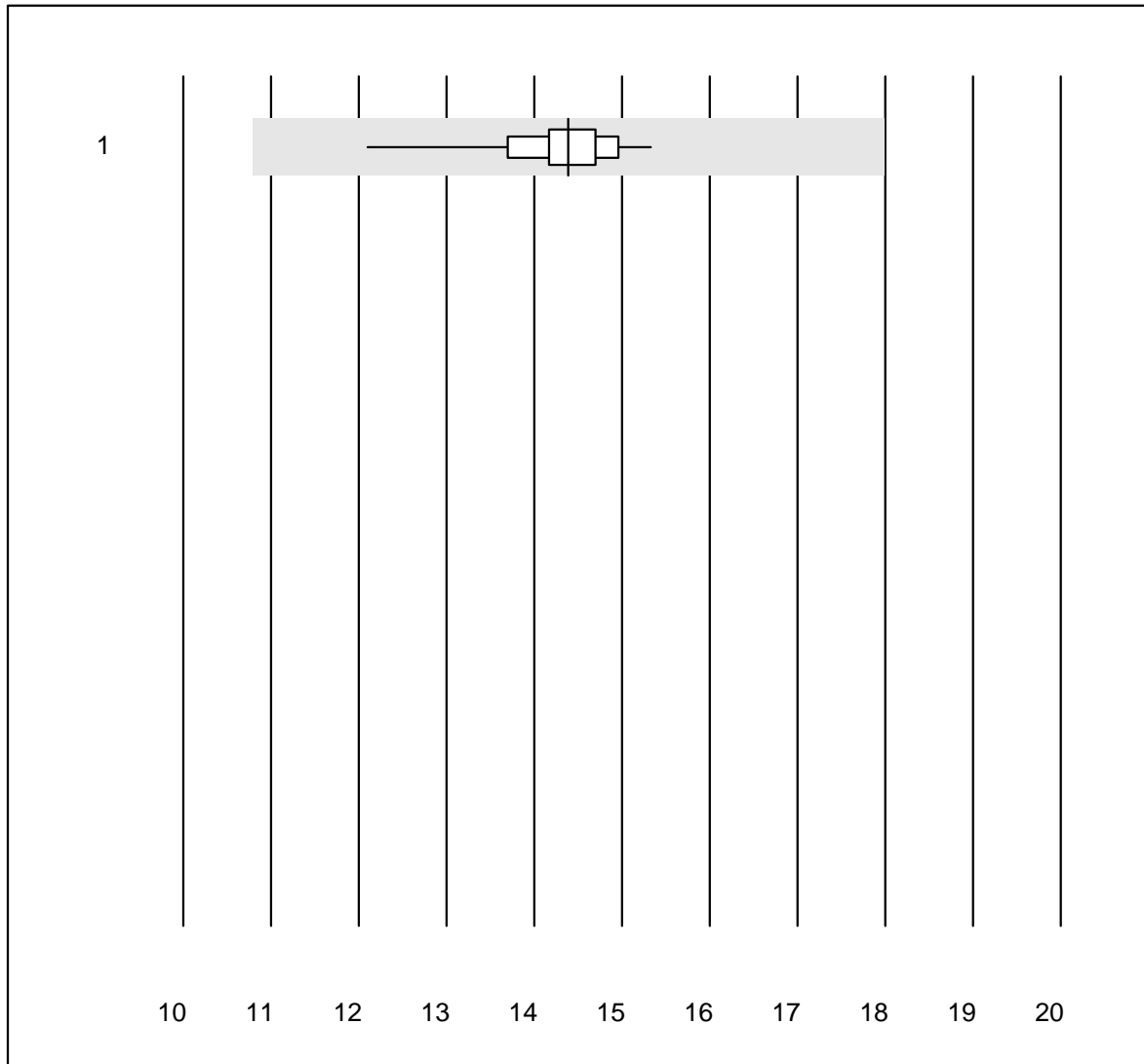
Tolleranza QUALAB : 25 %

Trombociti (G/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	32	100.0	0.0	0.0	334.5	8.1	e



## Neutrofili

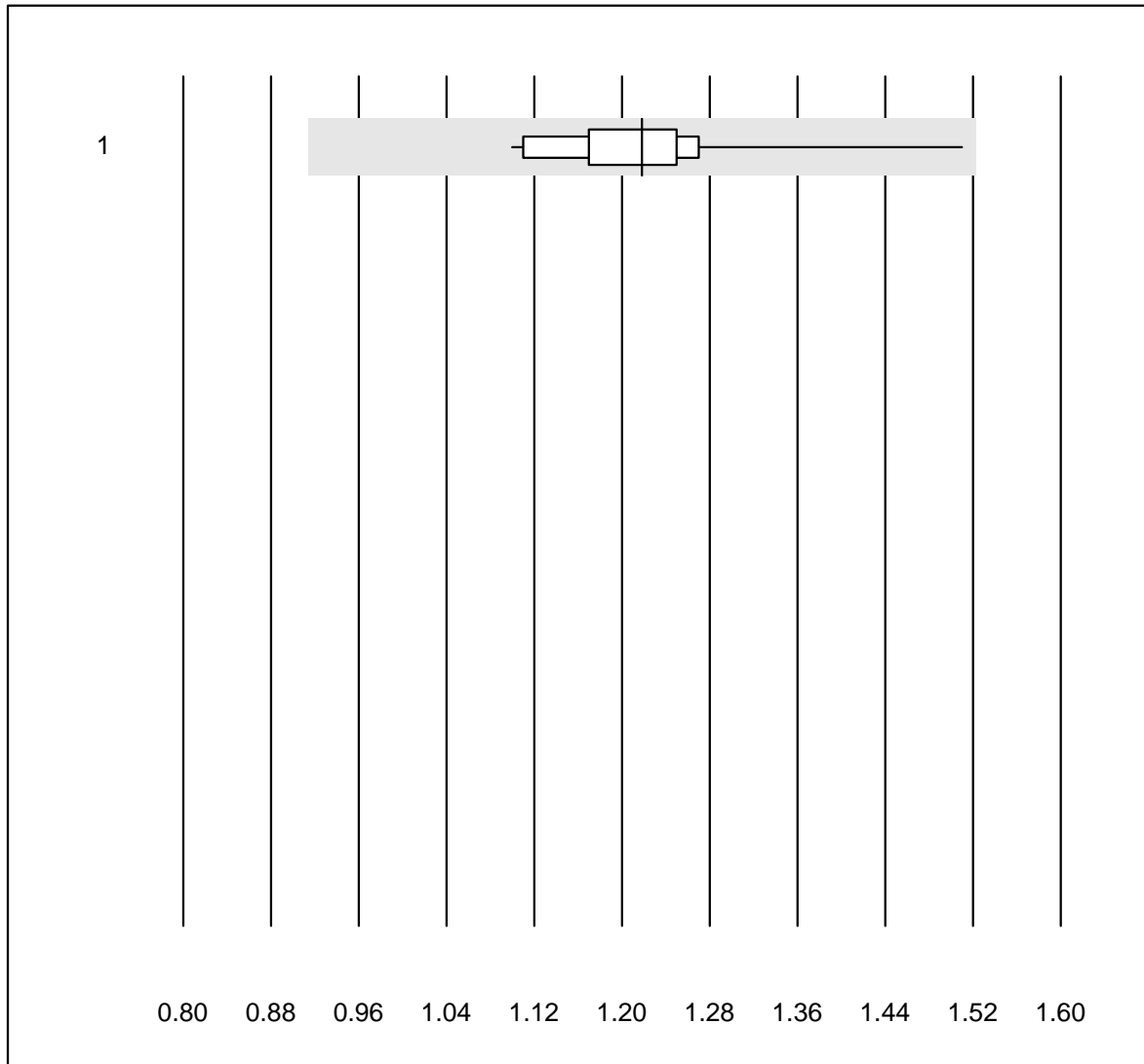


Tolleranza QUALAB : 25 %

Neutrofili (G/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	32	100.0	0.0	0.0	14.38	4.2	e

# Linfociti

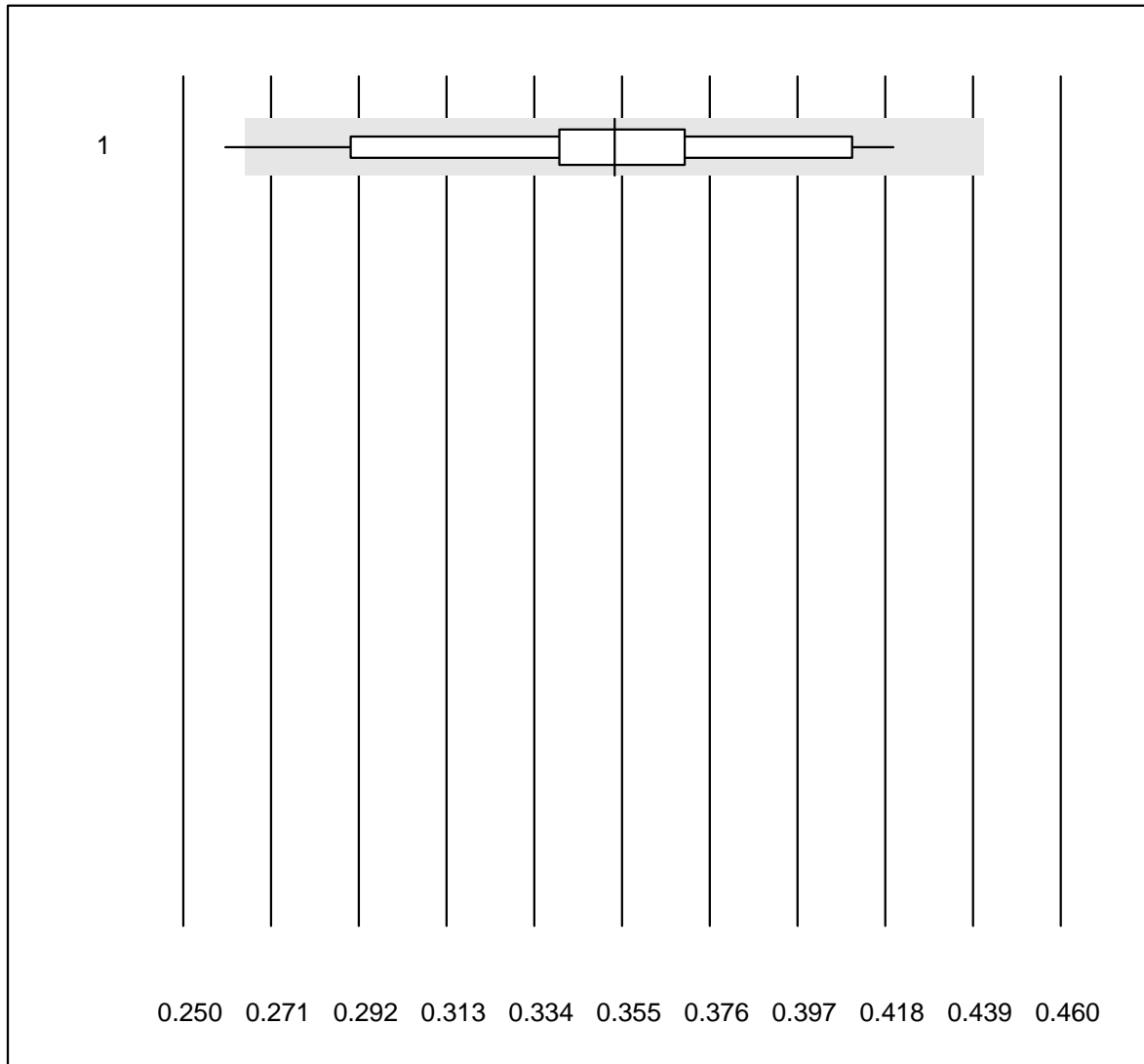


Tolleranza QUALAB : 25 %

Linfociti (G/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	32	100.0	0.0	0.0	1.22	6.5	e

# Monociti

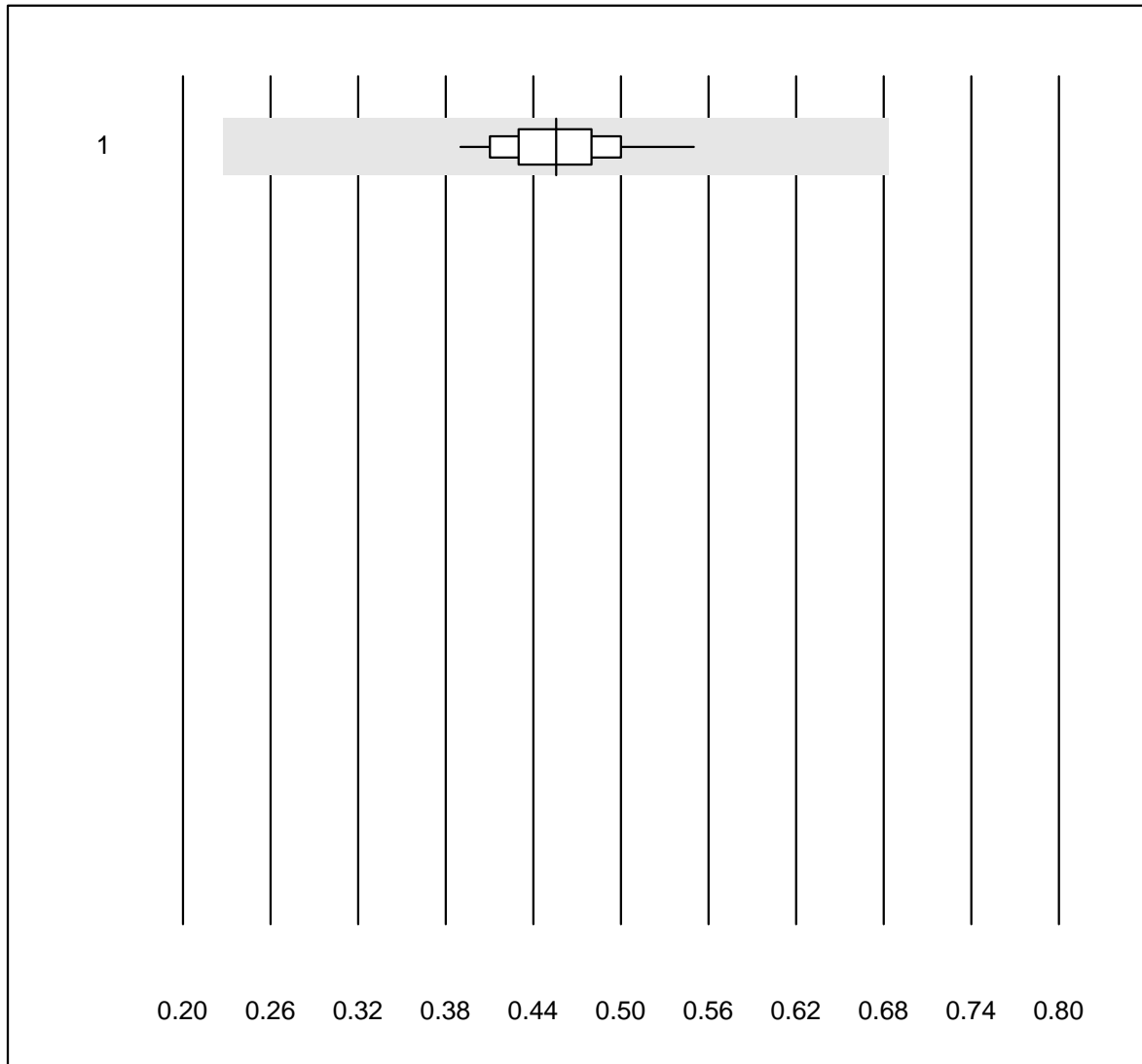


Tolleranza QUALAB : 25 %

Monociti (G/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	32	81.3	3.1	15.6	0.35	11.6	e

## Eosinofili

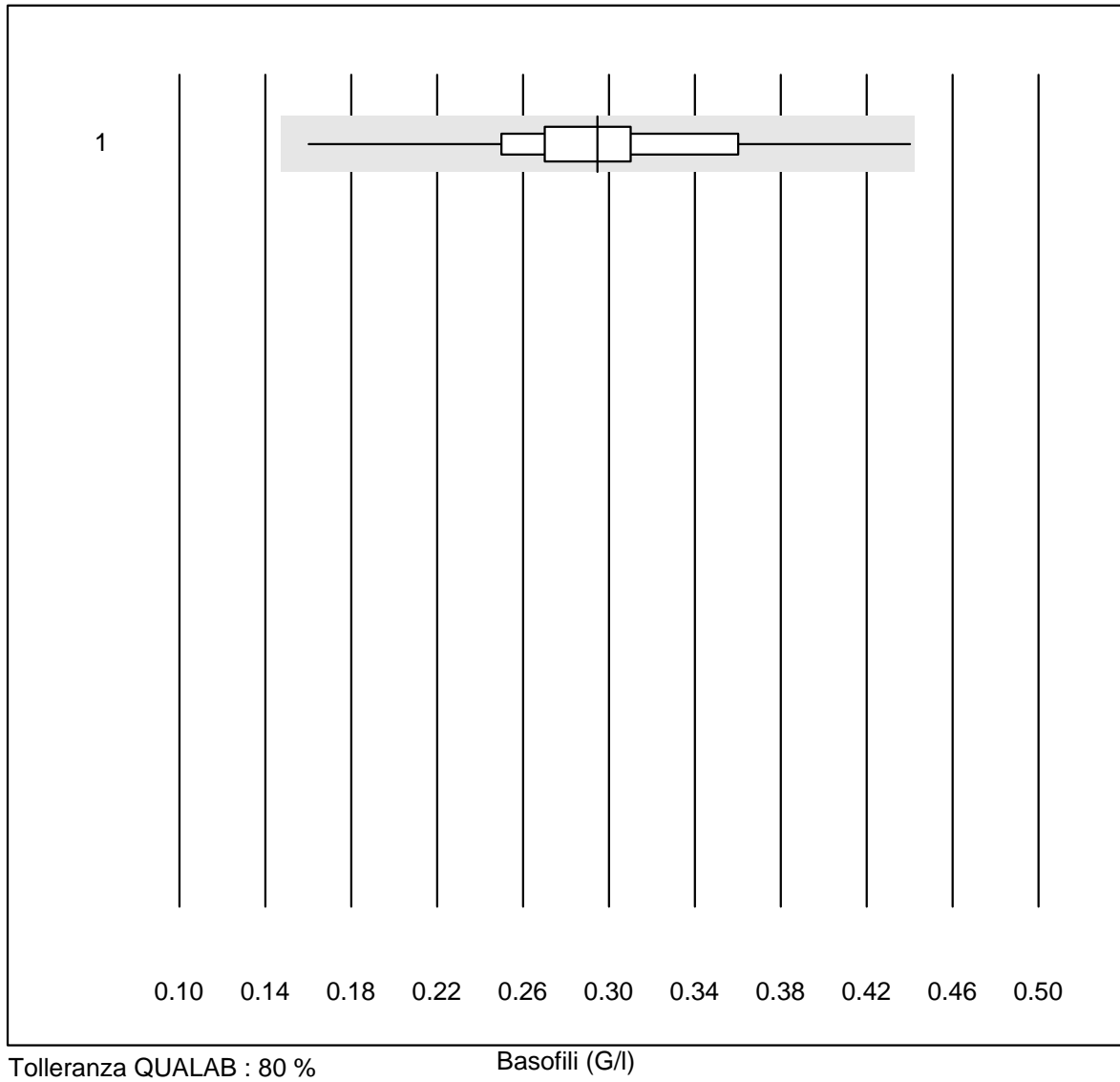


Tolleranza QUALAB : 50 %

Eosinofili (G/l)

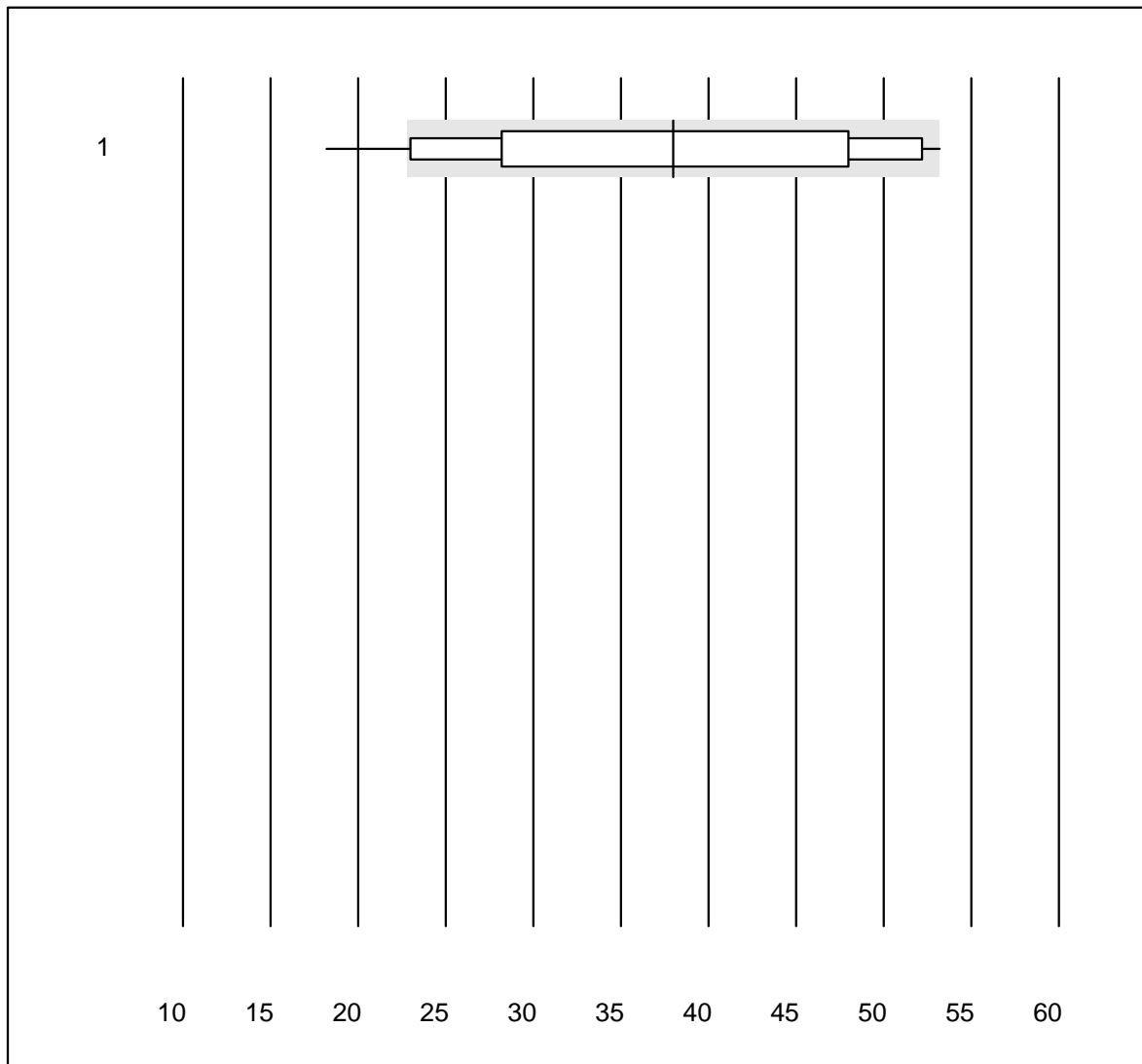
No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	32	100.0	0.0	0.0	0.46	8.0	e

## Basofili



No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	32	100.0	0.0	0.0	0.29	18.6	a

## Reticolociti

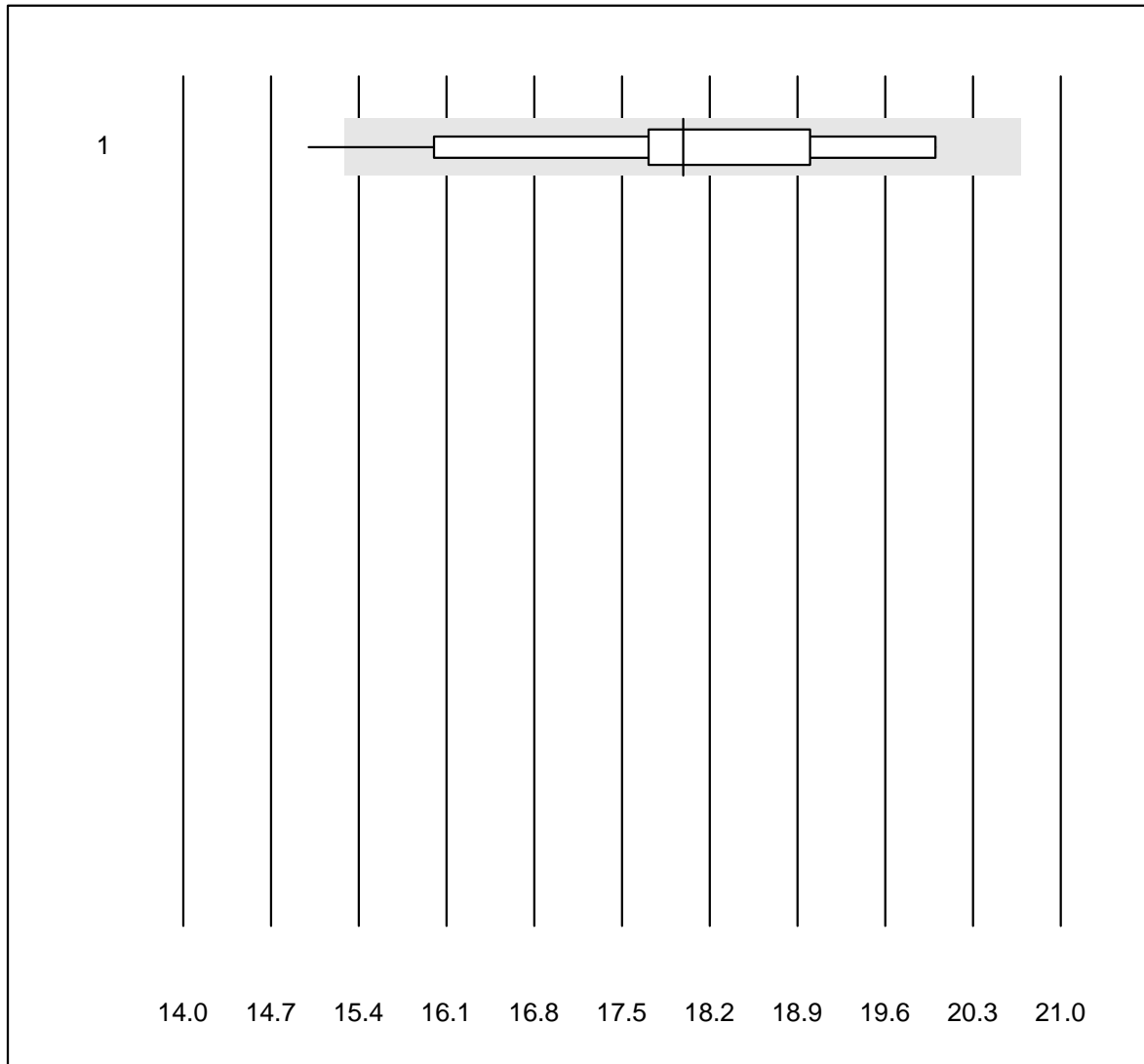


Tolleranza QUALAB : 25 %

Reticolociti (G/l)

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Sysmex	16	81.2	12.5	6.3	38.0	29.8	a

## Hämolysindex Probe A

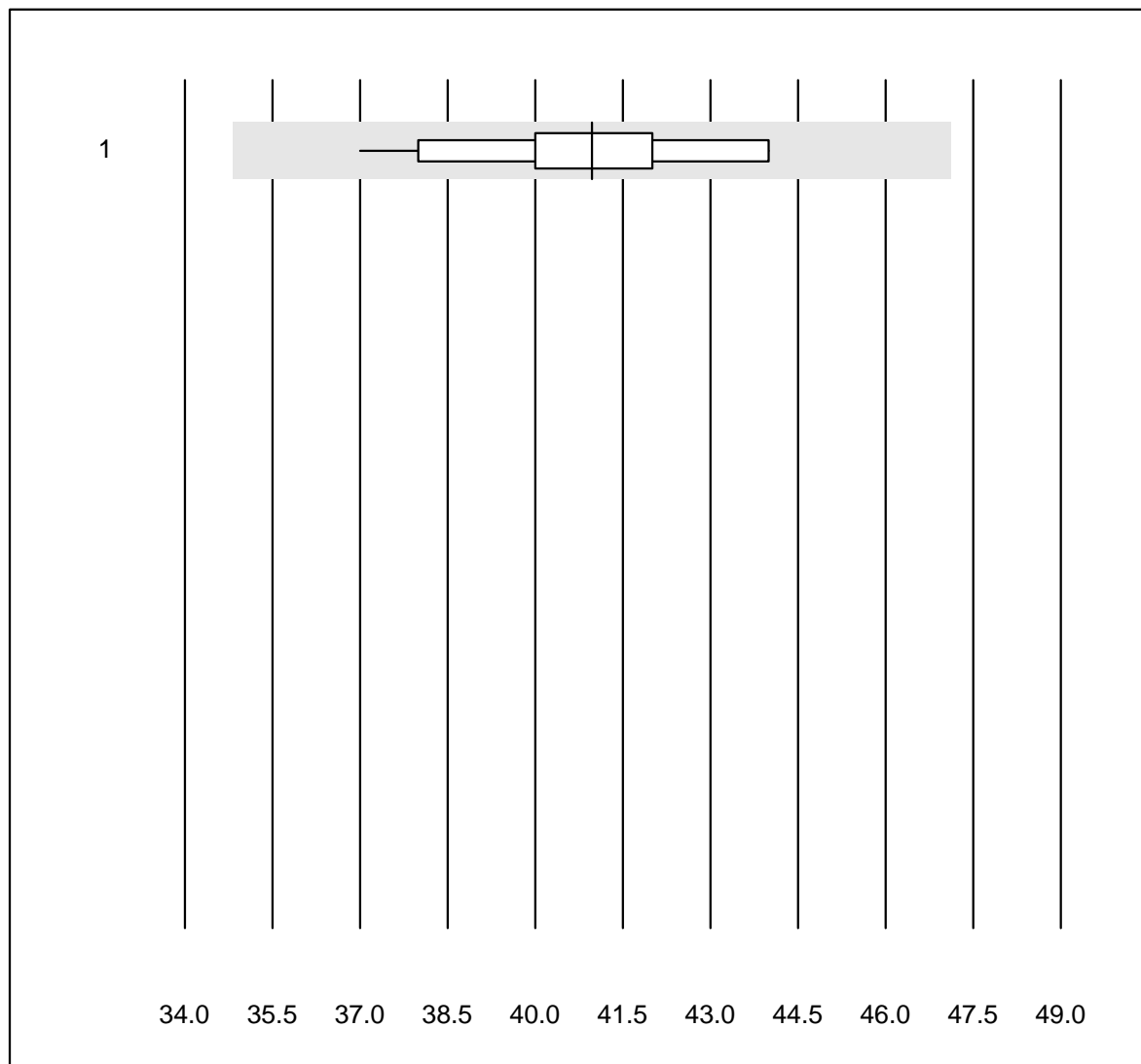


Tolleranza QUALAB : 15 %

Hämolysindex Probe A ()

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas	14	92.9	7.1	0.0	18.0	8.1	e*

## Hämolyseindex Probe B



Tolleranza QUALAB : 15 %

Hämolyseindex Probe B ()

No. Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1 Cobas	14	100.0	0.0	0.0	41.0	5.3	e