

Verein für  
Association pour le  
Associazione per il



medizinische Qualitätskontrolle  
contrôle de qualité médical  
controllo di qualità medico

# Survey Report

## 2020 - 4

## Survey Specimens

The homogeneity and stability of all specimens were checked before and/or during shipment and no irregularities were noted. The suitability tests were performed by the laboratories of the Universitätsspital Zürich (University Hospital Zurich) (<http://www.uzl.usz.ch/>).

The following survey specimens were produced specifically for MQ by a sub-contractor:  
B1 Strep A Test, B2 Uricult, H4 Parasitic Hematology, K14 tumor marker

## Determination of target values

For each target value, the type of determination per ISO17043: 2010 B2.1 is indicated (column "type"):

- a Value known due to production.
- b Certified reference value for use with special specimens
- c Reference value determined by analysis
- d Consensus values of expert laboratories
- e Consensus values of the participants

For methods groups with more than 9 participants, consensus values of the participants ("e") are generally determined.

In order to calculate the target values, we use the mean value of the method group. Values that differ more than 1.5 times the QUALAB-tolerance are outliers and are not used to calculate the target value. Starting point for the elimination of outliers are the values of our suitability tests.

In order to provide all participants with target values that are as meaningful as possible, other methods may also be applied for smaller method groups.

## Uncertainty of the determined target values

The standard uncertainty ( $u_x$ ) is calculated using the following formula (ISO13528):

$$u_x = (\text{target value}/100) * (1.25/\text{square root of "number of participants"}) * \%CV$$

- $u_x$  has the same unit as the target value
- $u_x$  can be compared with the standard deviation of the participants' collective ( $SD = \text{target value} * \%CV / 100$ )
- For participant numbers >18, the standard uncertainty ( $u_x$ ) is significantly lower than the scatter of the collective participants and can be neglected.

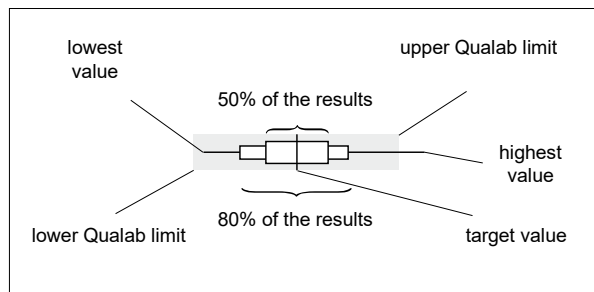
## QUALAB and MQ tolerances

For all mandatory analyzes, QUALAB tolerances are used ([www.qualab.ch](http://www.qualab.ch), external quality control). For non-mandatory analyzes, the tolerances are specified by MQ's survey specimen leader.

If the determined uncertainty,  $u_x$ , of the target value is greater than 15% of the QUALAB or MQ tolerance, the letter indicating the type of target detection is marked with an additional star (example "e\*"). Thereby, we are alerting the participants to the fact that the uncertainty of the target value can have an impact on the evaluation.

## Graphics

The results are shown graphically as follows:



## Comparison of Devices

The data in this report allows you to compare the performance of different devices. However, remember to consider the following:

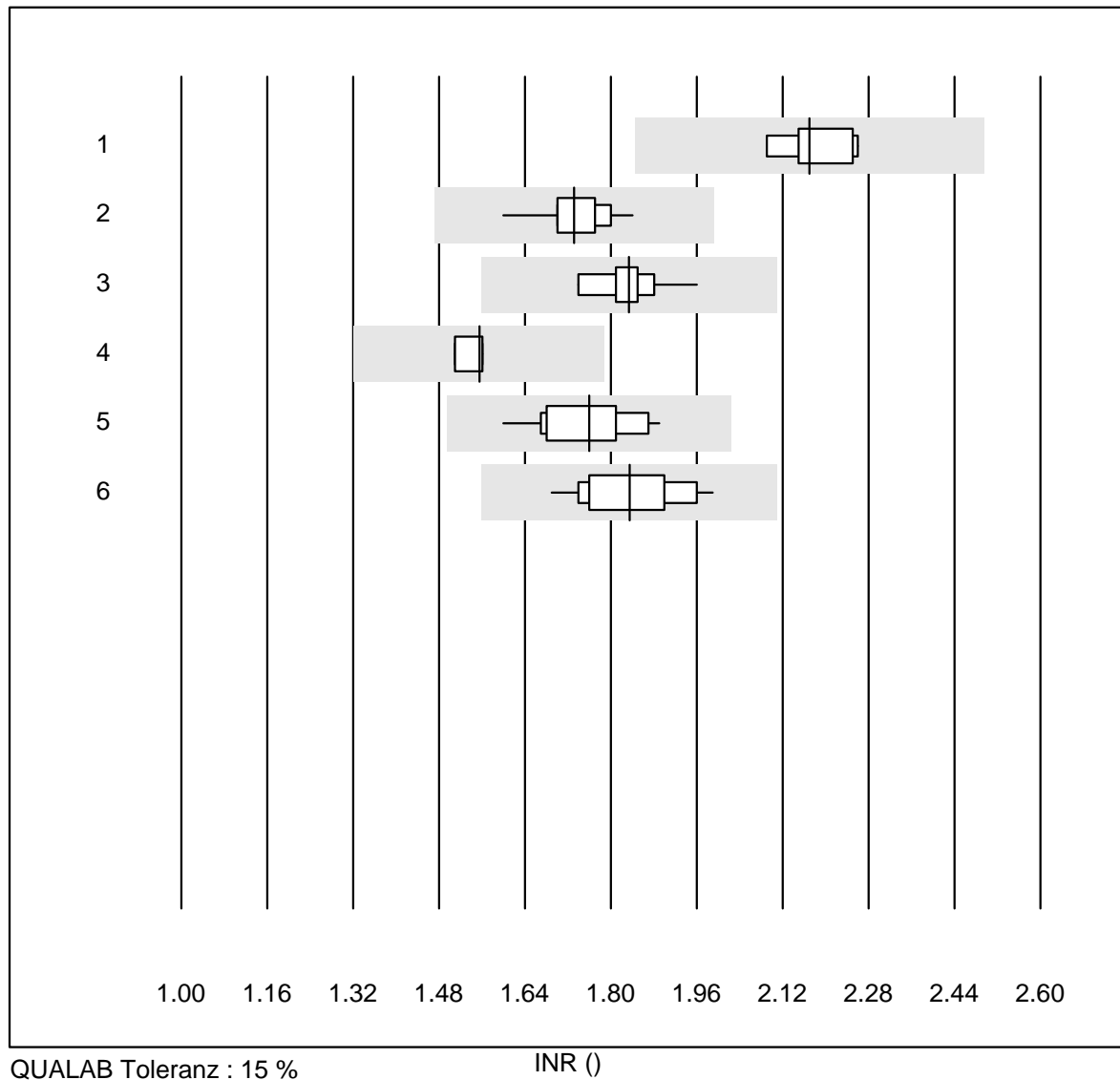
- The chemical control K1 is a ready-to-use commercial control serum. Even if the specimen is of human origin, it is possible that matrix effects occur. These are device-specific and result in different target values.
- Only one specimen was measured. Since the scatter of the results is dependent on the nature of the specimen (matrix effects) and on the signal strength, the determined coefficient of variations (CV in %) cannot be applied generally.
- A large number of runaways is due to administrative errors (wrong unit, results mixed up) or to operator errors (wrong sample, not correctly taken up in solution, not mixed well) and has nothing to do with the type of device.

Zürich, 6.12.2020

Dr. R. Fried  
Survey Director

*Publication of this report or any portion thereof without our prior written consent is not permitted. The original is archived at [www.mqzh.ch](http://www.mqzh.ch)*

## INR

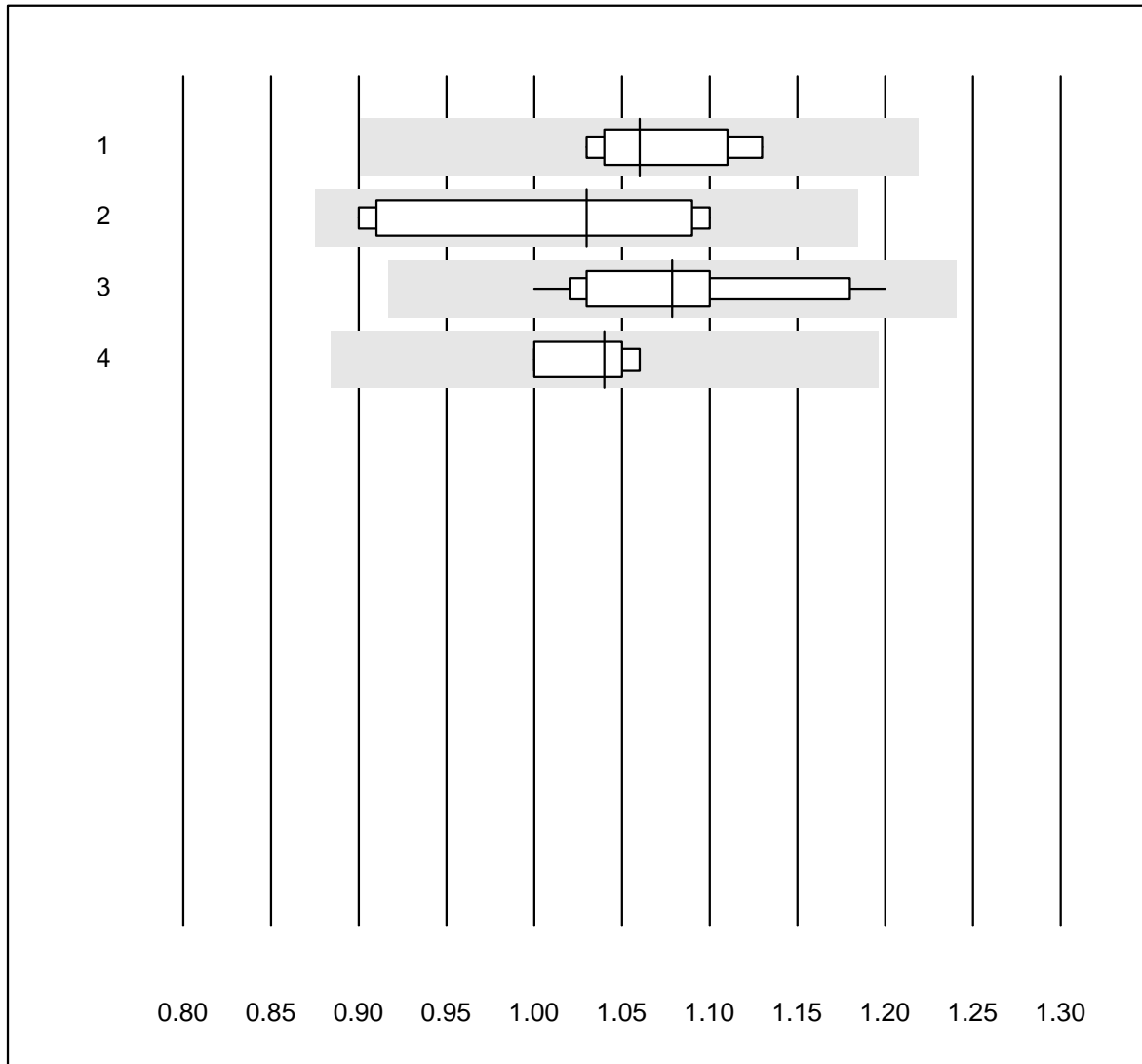


QUALAB Toleranz : 15 %

INR ()

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Neoplastin Plus	5	100.0	0.0	0.0	2.17	3.3	e
2 Innovin	14	100.0	0.0	0.0	1.73	3.4	e
3 Recombiplastin 2G	10	100.0	0.0	0.0	1.83	3.1	e
4 Eurolyser	4	75.0	0.0	25.0	1.56	1.7	e
5 Other methods	12	100.0	0.0	0.0	1.76	4.8	e
6 Neoplastin R	11	100.0	0.0	0.0	1.83	5.1	e

## Fibrinogen OA

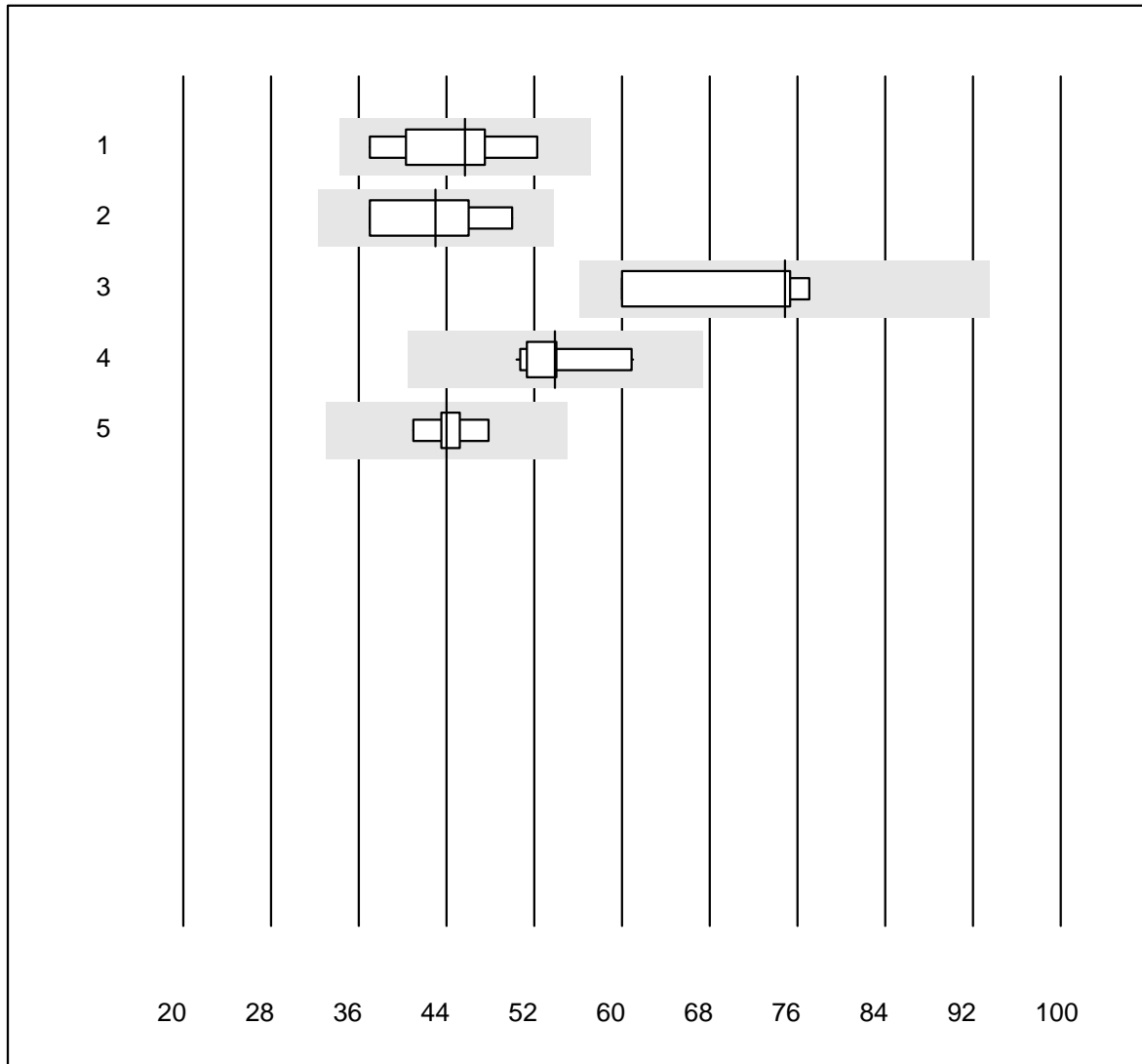


QUALAB Toleranz : 15 %

Fibrinogen OA (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Other methods	7	100.0	0.0	0.0	1.06	3.4	e
2	Siemens Thrombin	6	100.0	0.0	0.0	1.03	8.9	e*
3	Stago/STA	13	100.0	0.0	0.0	1.08	5.5	e
4	Fibrinogen Q.F.A.	4	100.0	0.0	0.0	1.04	2.6	e

## Activated Prothrombin Time

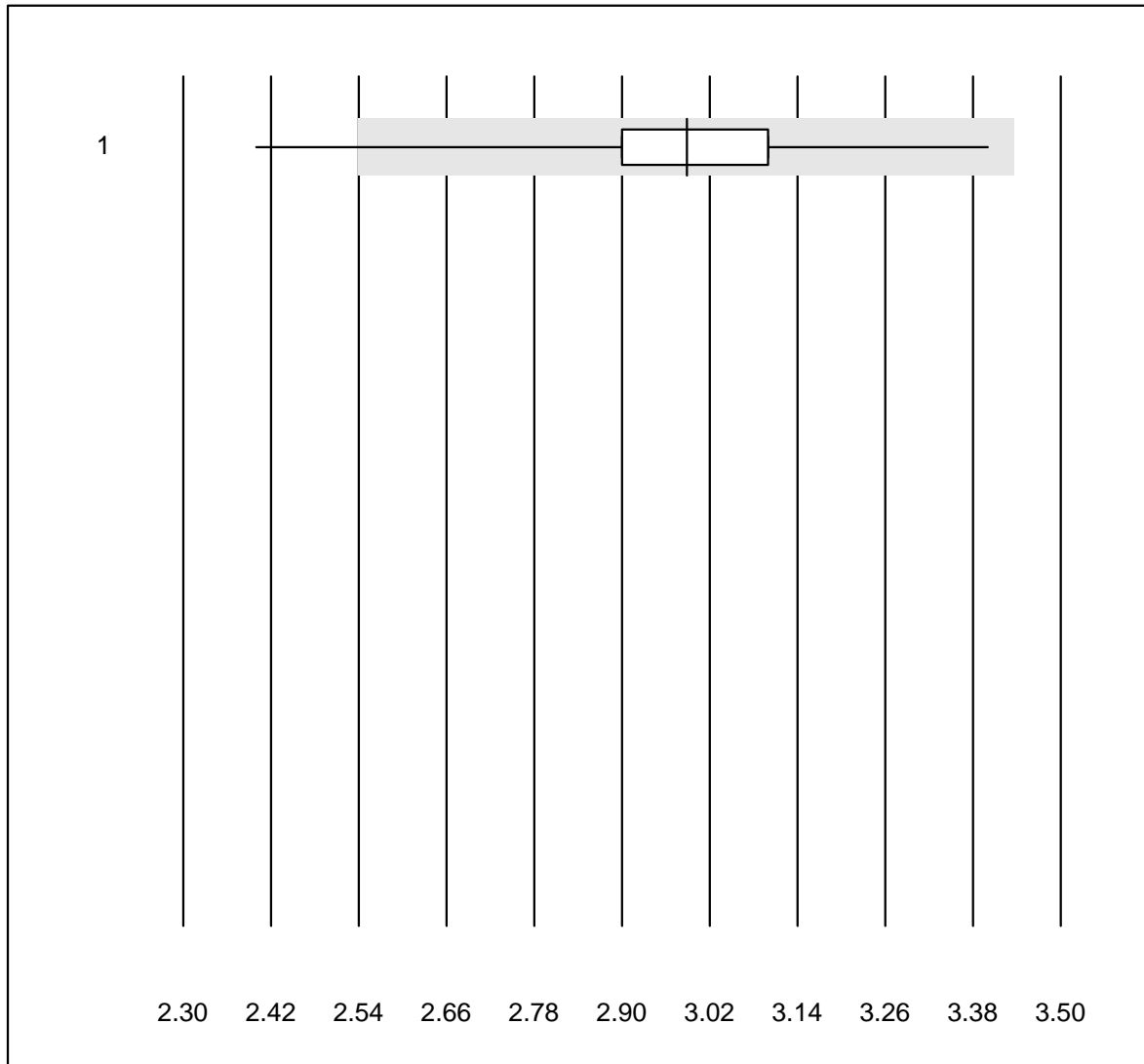


QUALAB Toleranz : 25 %

Activated Prothrombin Time (Sek)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Other methods	9	100.0	0.0	0.0	45.7	11.7	e*
2 Actin FS	8	100.0	0.0	0.0	43.0	11.3	e*
3 Pathromtin SL	4	100.0	0.0	0.0	74.9	11.0	e*
4 Stago/STA	13	100.0	0.0	0.0	53.9	6.9	e
5 aPTT-SP	5	100.0	0.0	0.0	44.0	5.6	e

# INR CoaguChek

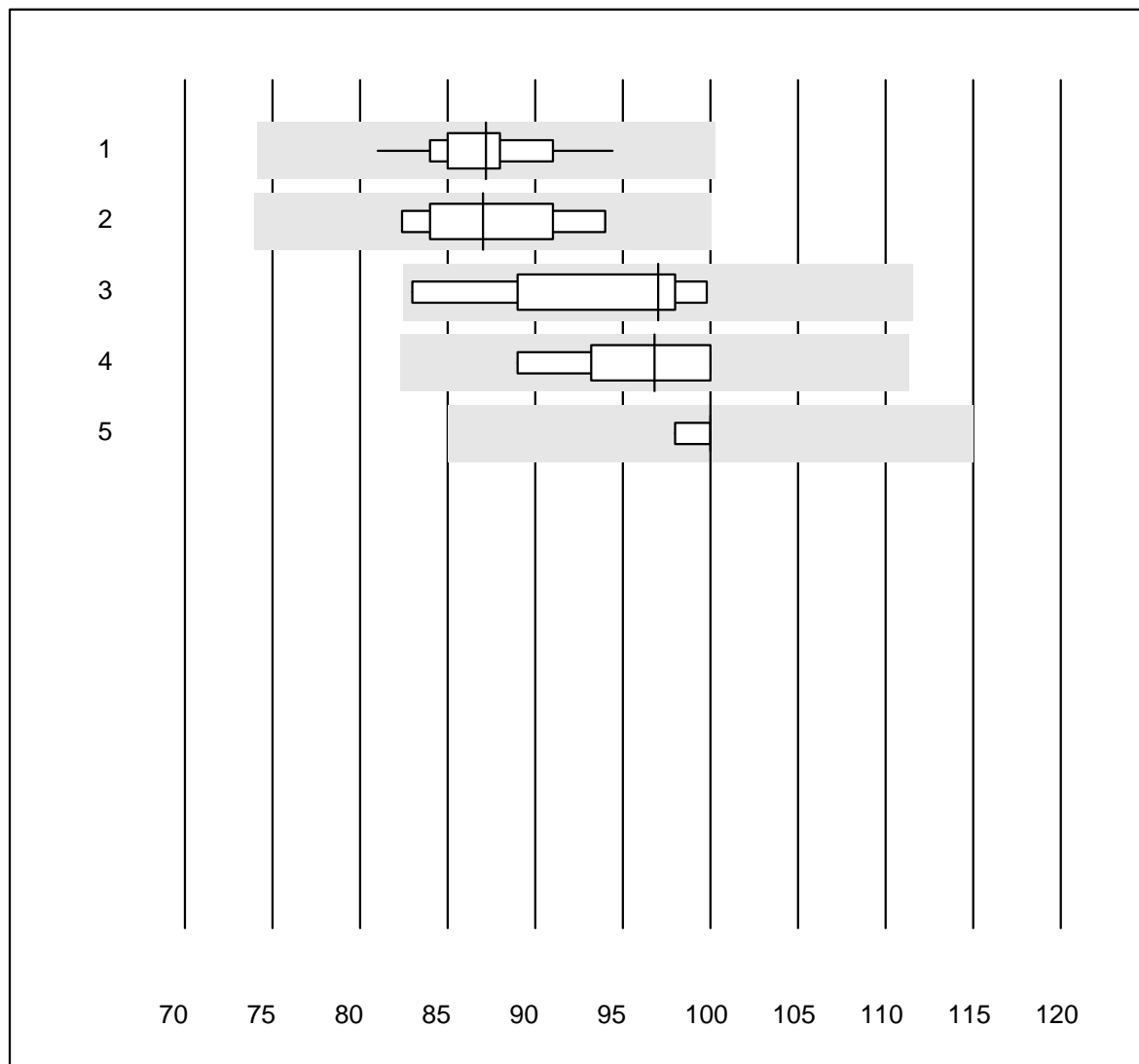


QUALAB Toleranz : 15 %

INR CoaguChek ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CoaguChek Pro II	576	99.2	0.3	0.5	3.0	3.6	e

## Prothrombin time NT

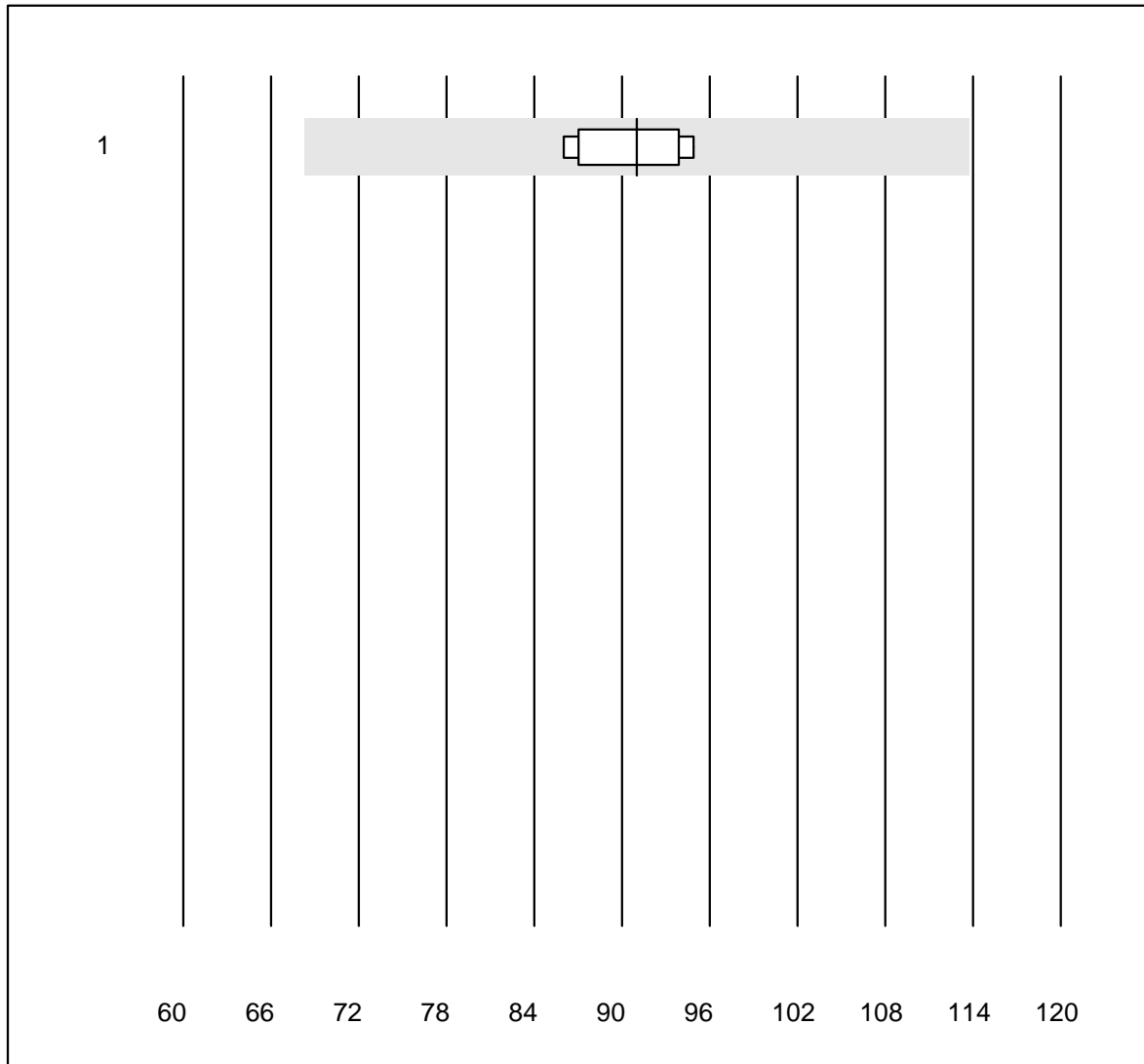


QUALAB Toleranz : 15 %

Prothrombin time NT (%)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Neoplastin R	13	100.0	0.0	0.0	87	3.9	e
2 Neoplastin Plus	6	100.0	0.0	0.0	87	5.0	e*
3 Innovin	9	100.0	0.0	0.0	97	6.3	e*
4 all Participants	10	100.0	0.0	0.0	97	4.4	e
5 Recombiplastin 2G	7	85.7	0.0	14.3	100	0.8	e

## Faktor II



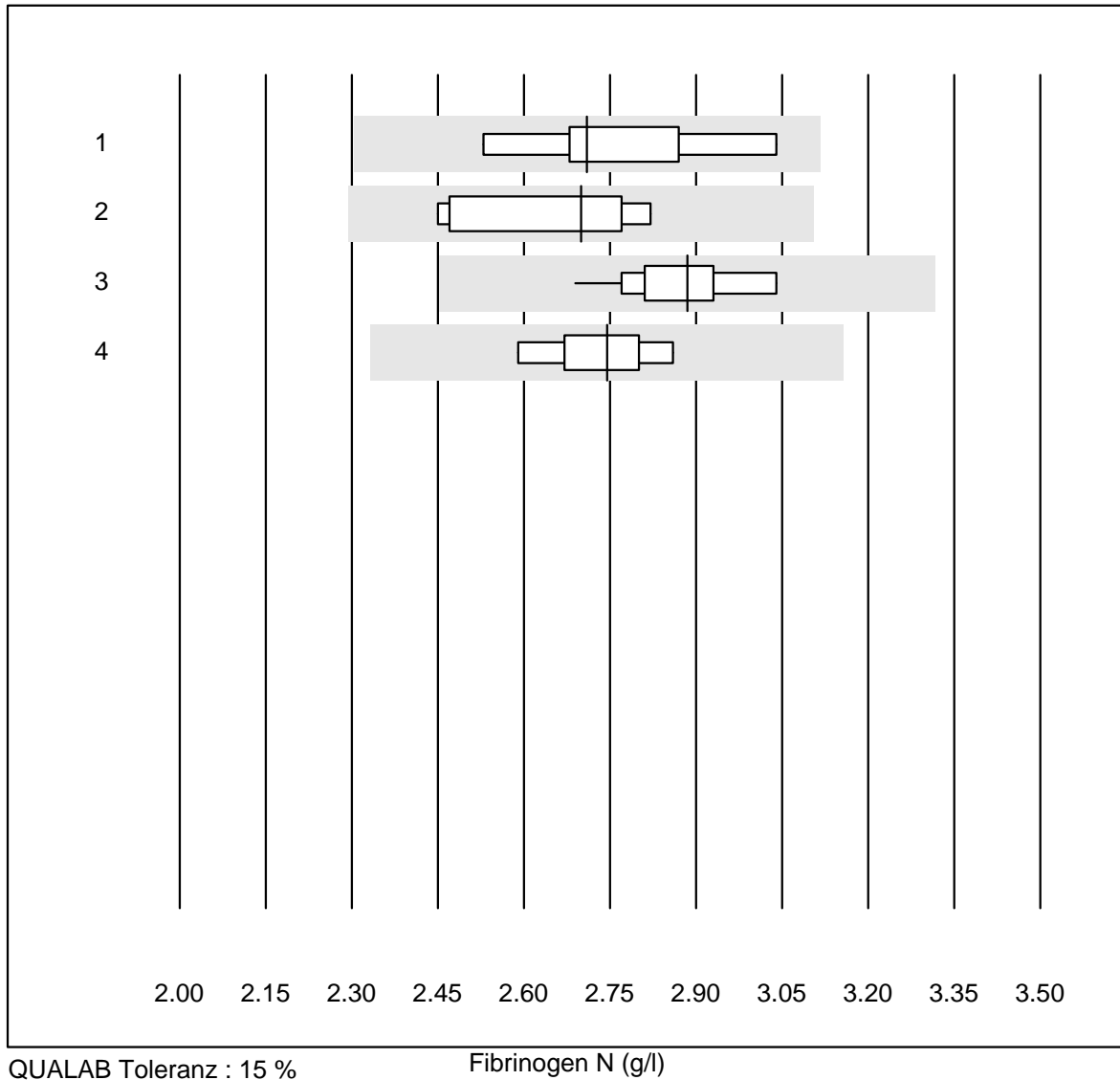
MQ tolerance : 25 %

Faktor II (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	5	100.0	0.0	0.0	91.0	4.4	e



## Fibrinogen N

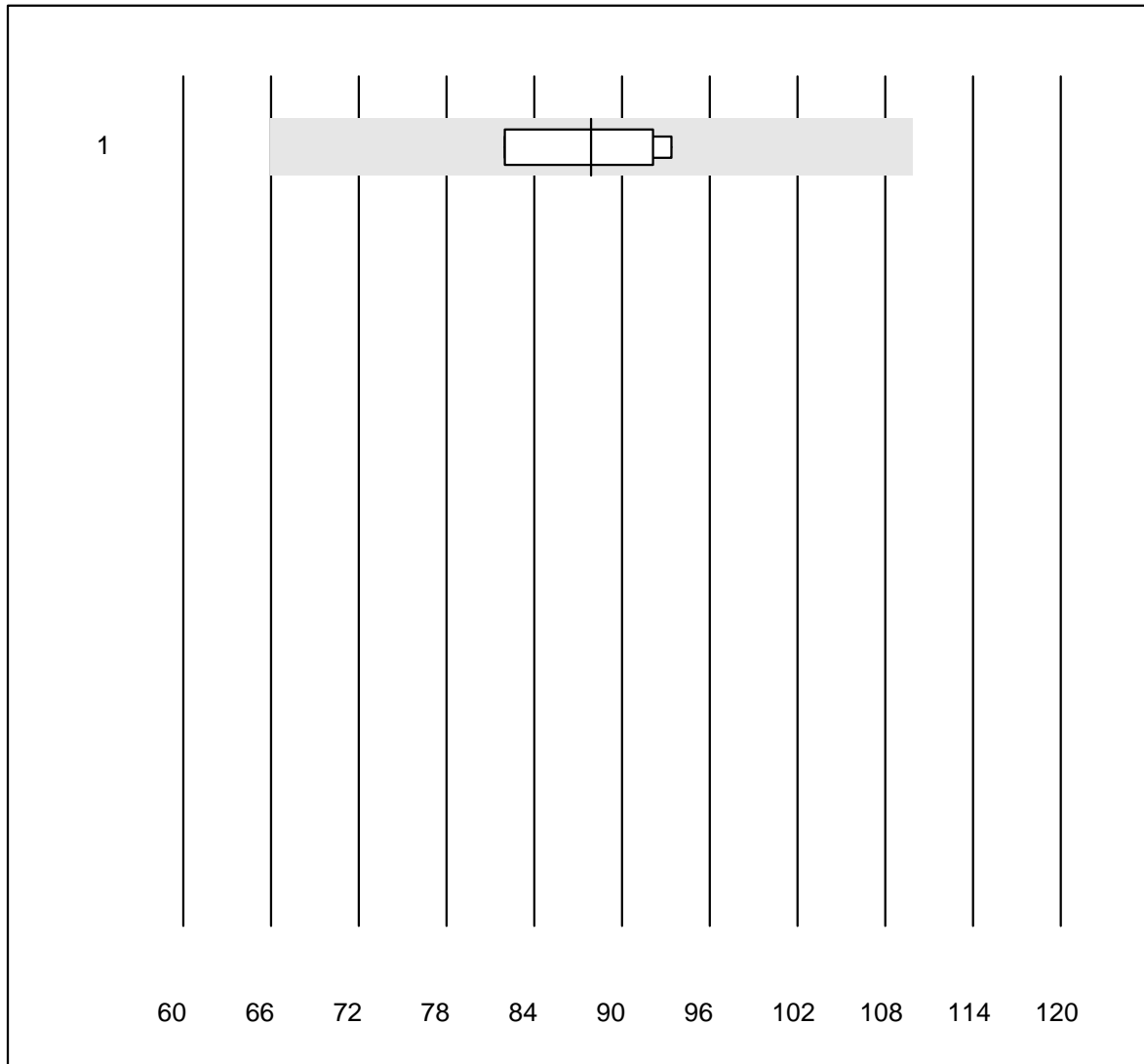


QUALAB Toleranz : 15 %

Fibrinogen N (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Siemens Thrombin	7	100.0	0.0	0.0	2.71	5.9	e*
2	Other methods	6	100.0	0.0	0.0	2.70	6.0	e*
3	Stago/STA	17	94.1	0.0	5.9	2.89	3.4	e
4	Fibrinogen Q.F.A.	6	100.0	0.0	0.0	2.75	3.6	e

## Faktor V

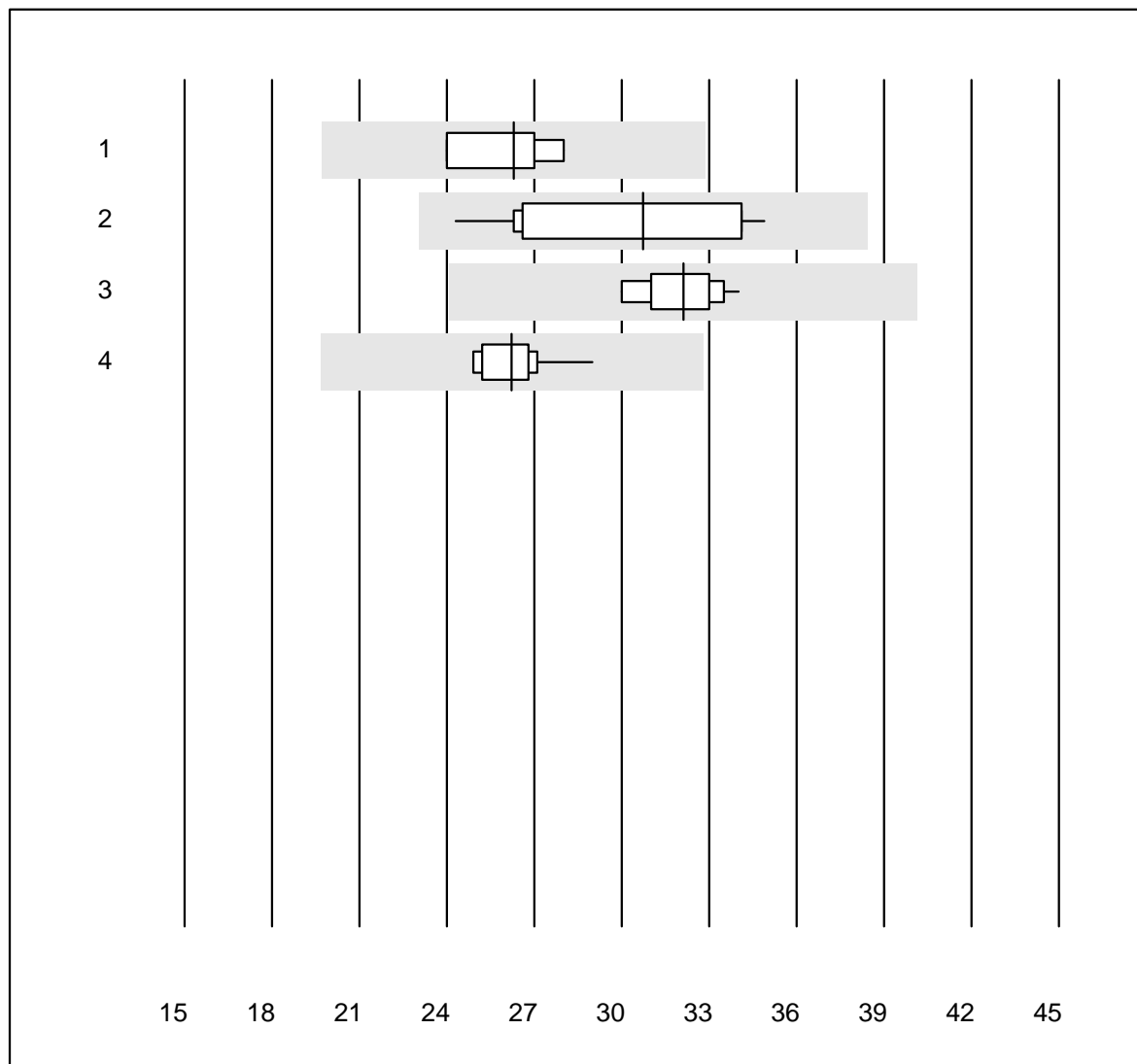


MQ tolerance : 25 %

Faktor V (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	7	100.0	0.0	0.0	87.9	5.3	e

## aPTT N

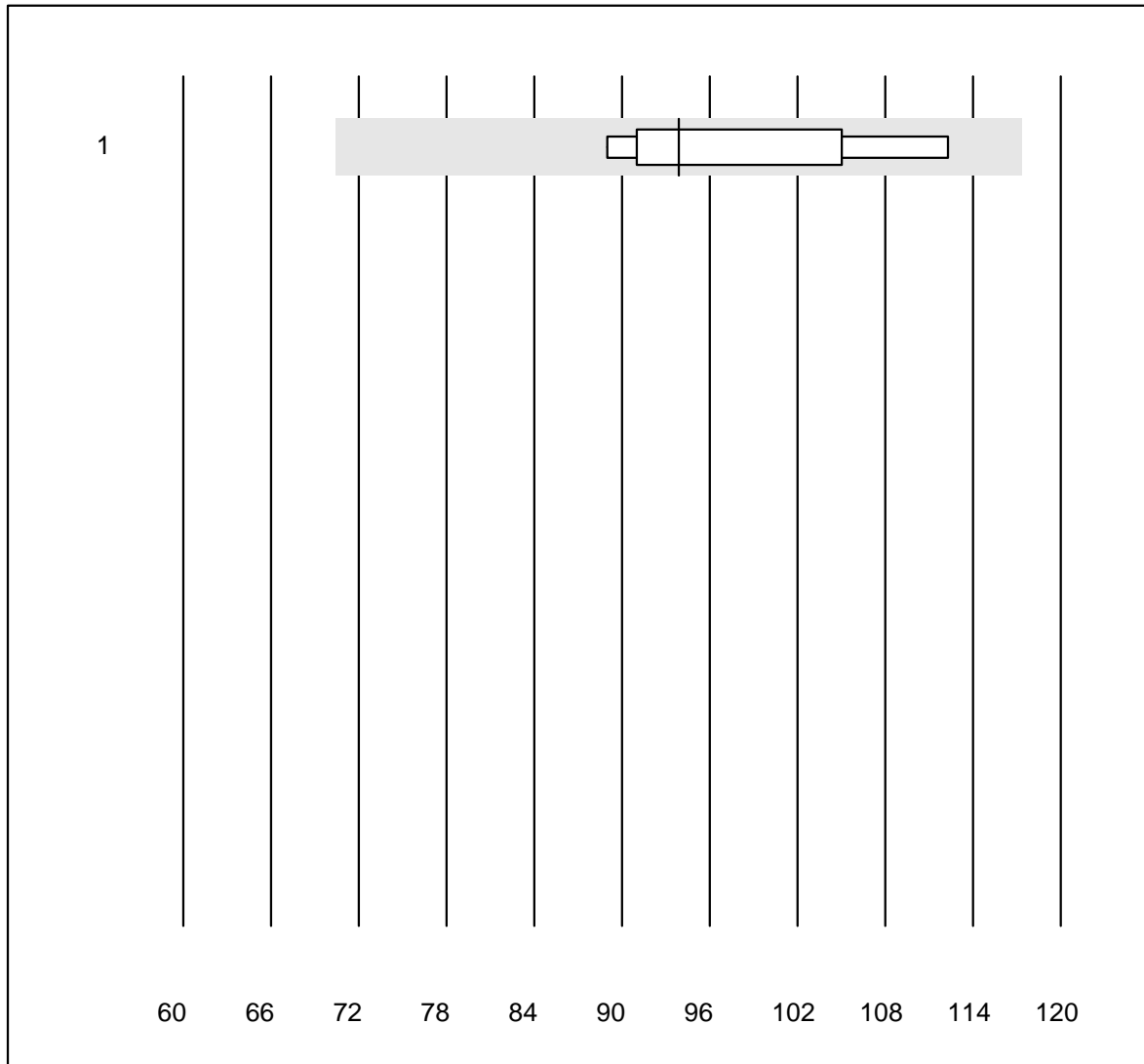


QUALAB Toleranz : 25 %

aPTT N (Sek)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Actin FS	4	100.0	0.0	0.0	26.3	6.6	e*
2 Other methods	11	100.0	0.0	0.0	30.7	12.4	e*
3 Stago/STA	16	100.0	0.0	0.0	32.1	3.7	e
4 aPTT-SP	10	100.0	0.0	0.0	26.2	4.7	e

## Faktor VII

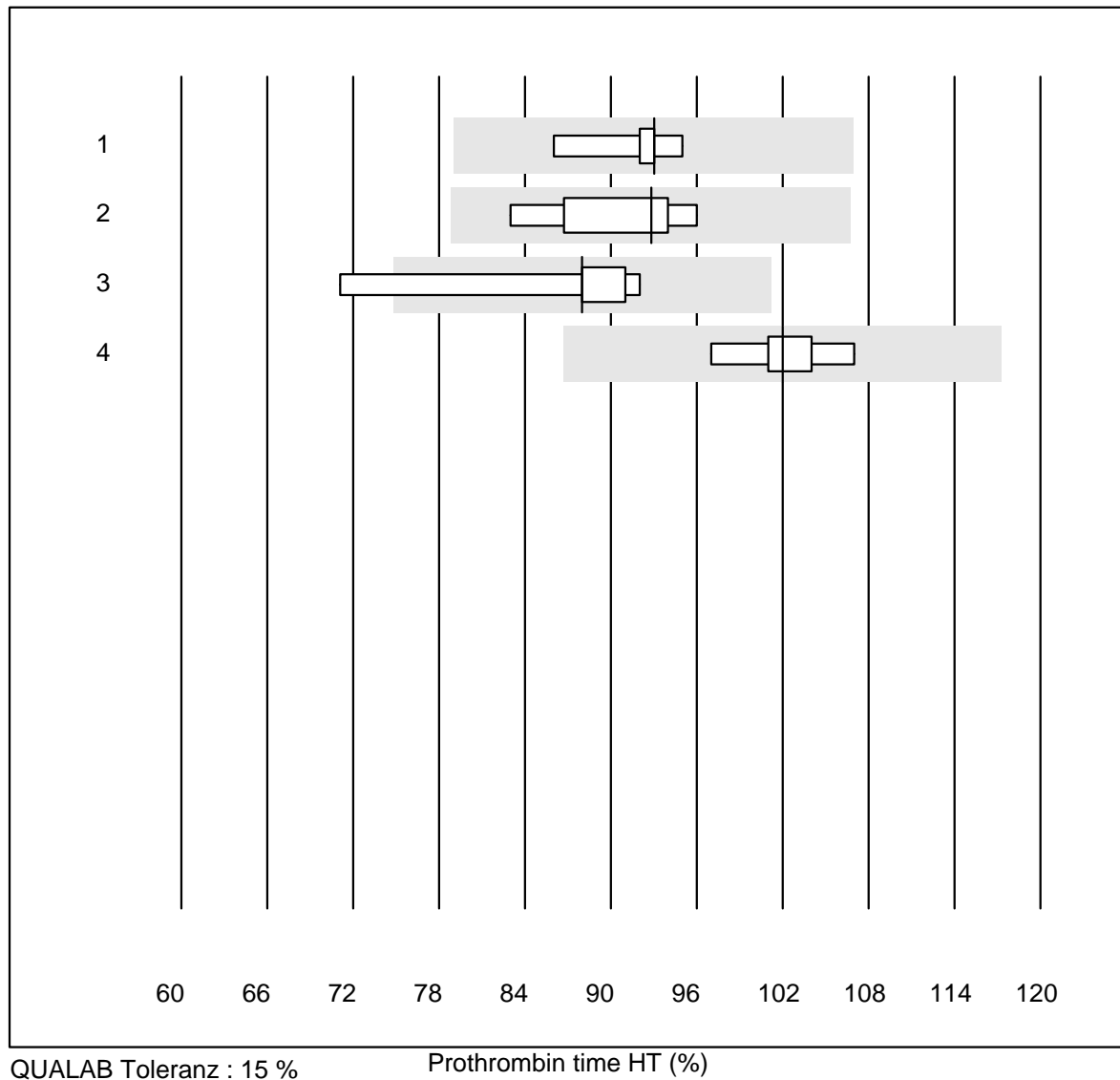


MQ tolerance : 25 %

Faktor VII (%)

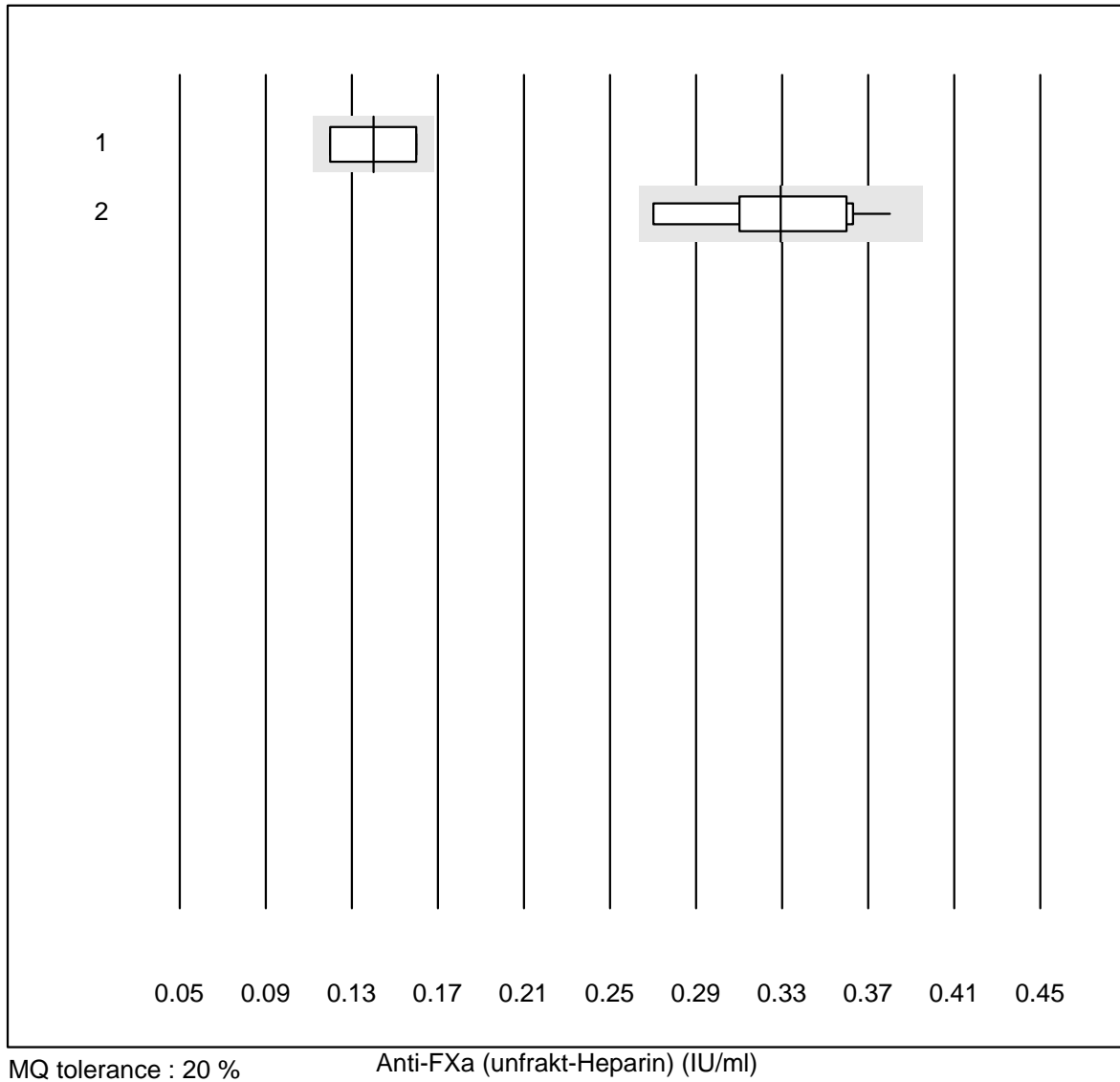
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	6	100.0	0.0	0.0	93.9	9.4	e*

## Prothrombin time HT



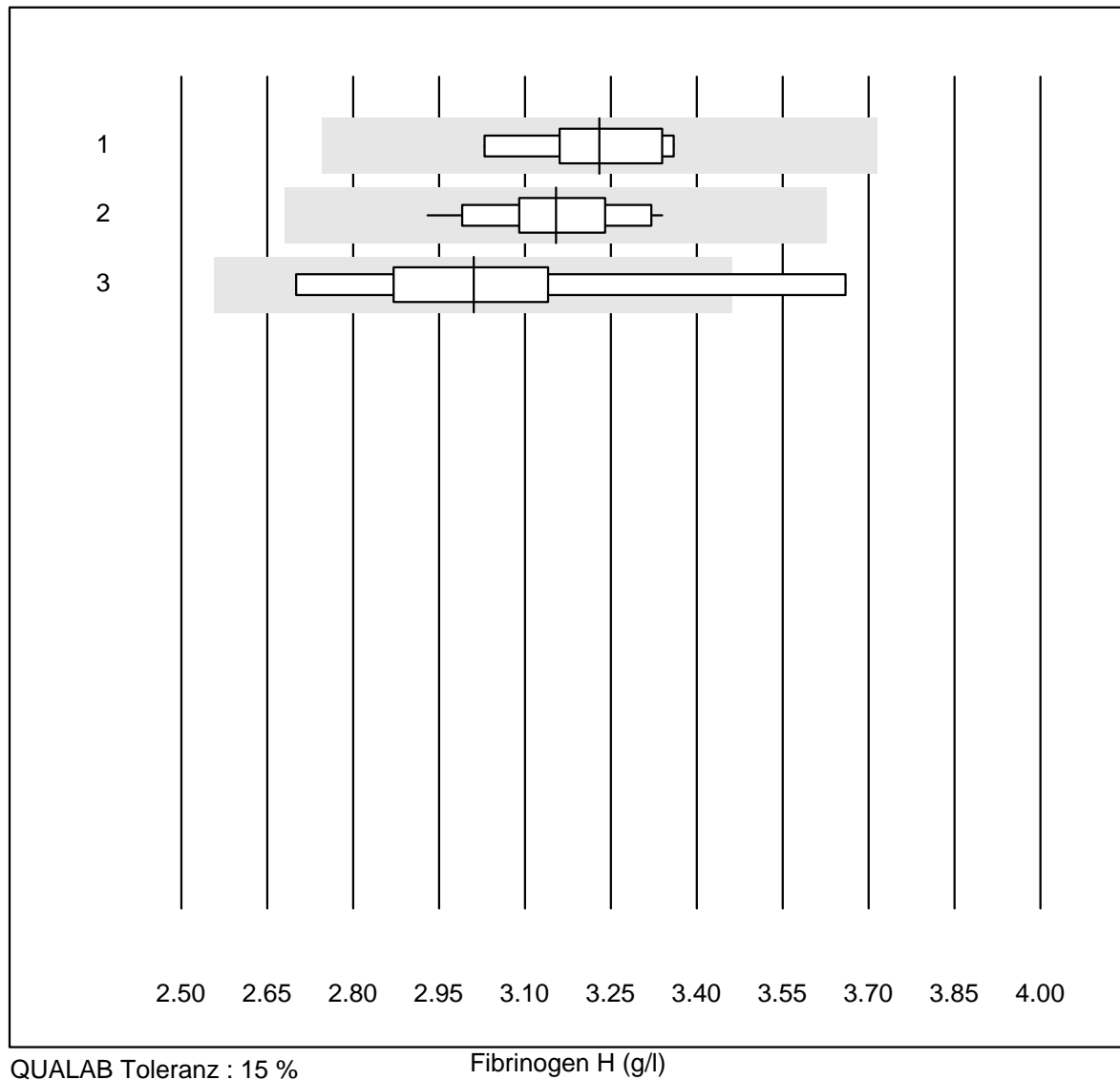
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Neoplastin R	9	100.0	0.0	0.0	93	2.9	e
2	Innovin	9	100.0	0.0	0.0	93	5.4	e*
3	all Participants	5	80.0	20.0	0.0	88	9.9	e*
4	Recombiplastin 2G	9	100.0	0.0	0.0	102	3.2	e

## Anti-FXa (unfrakt-Heparin)



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Stago/STA	4	100.0	0.0	0.0	0.14	12.8	a
2	ACL	10	100.0	0.0	0.0	0.33	10.5	e*

## Fibrinogen H

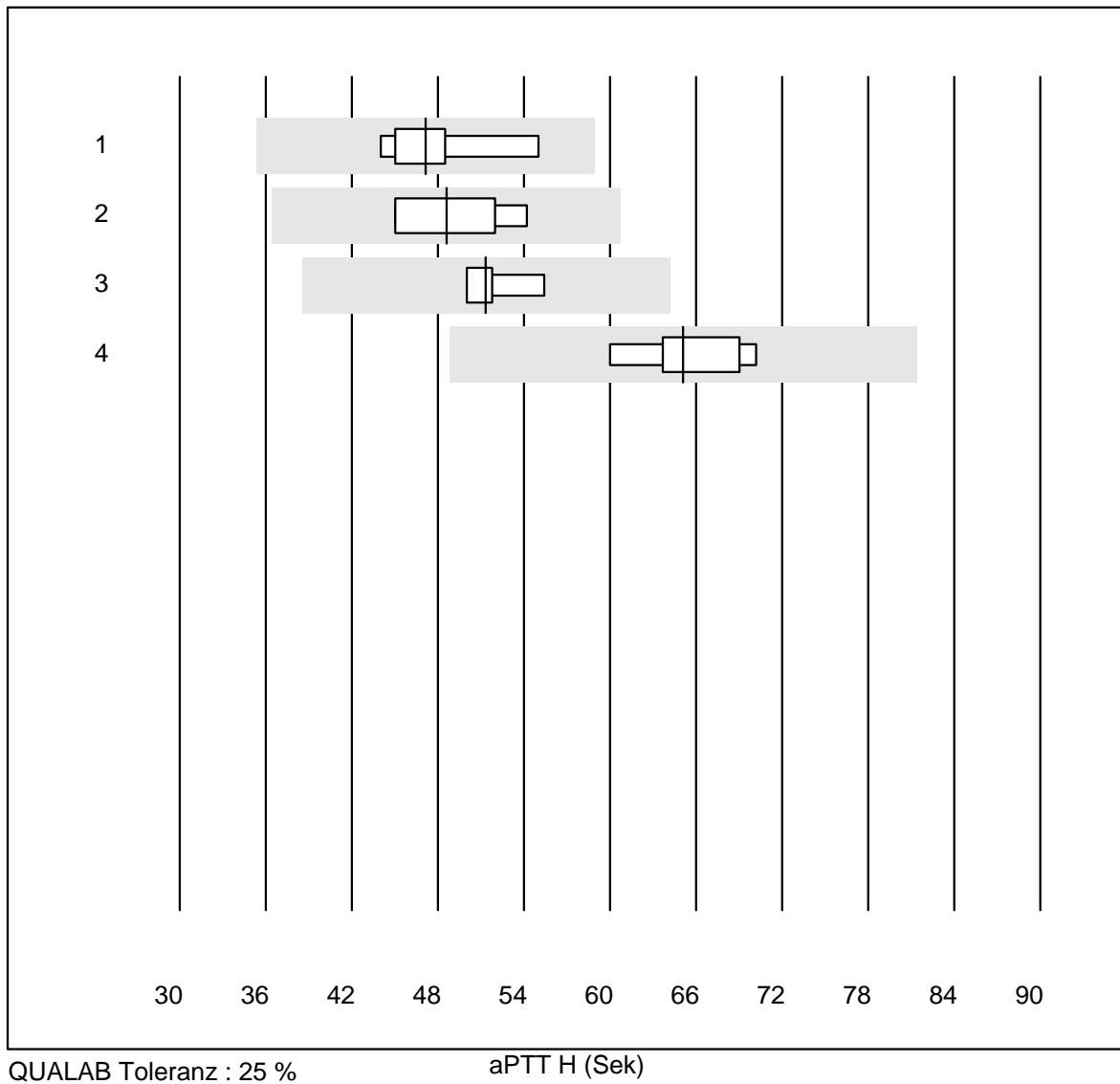


QUALAB Toleranz : 15 %

Fibrinogen H (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Siemens Thrombin	6	100.0	0.0	0.0	3.23	3.8	e
2	Stago/STA	12	100.0	0.0	0.0	3.15	3.9	e
3	Fibrinogen Q.F.A.	9	88.9	11.1	0.0	3.01	9.7	e*

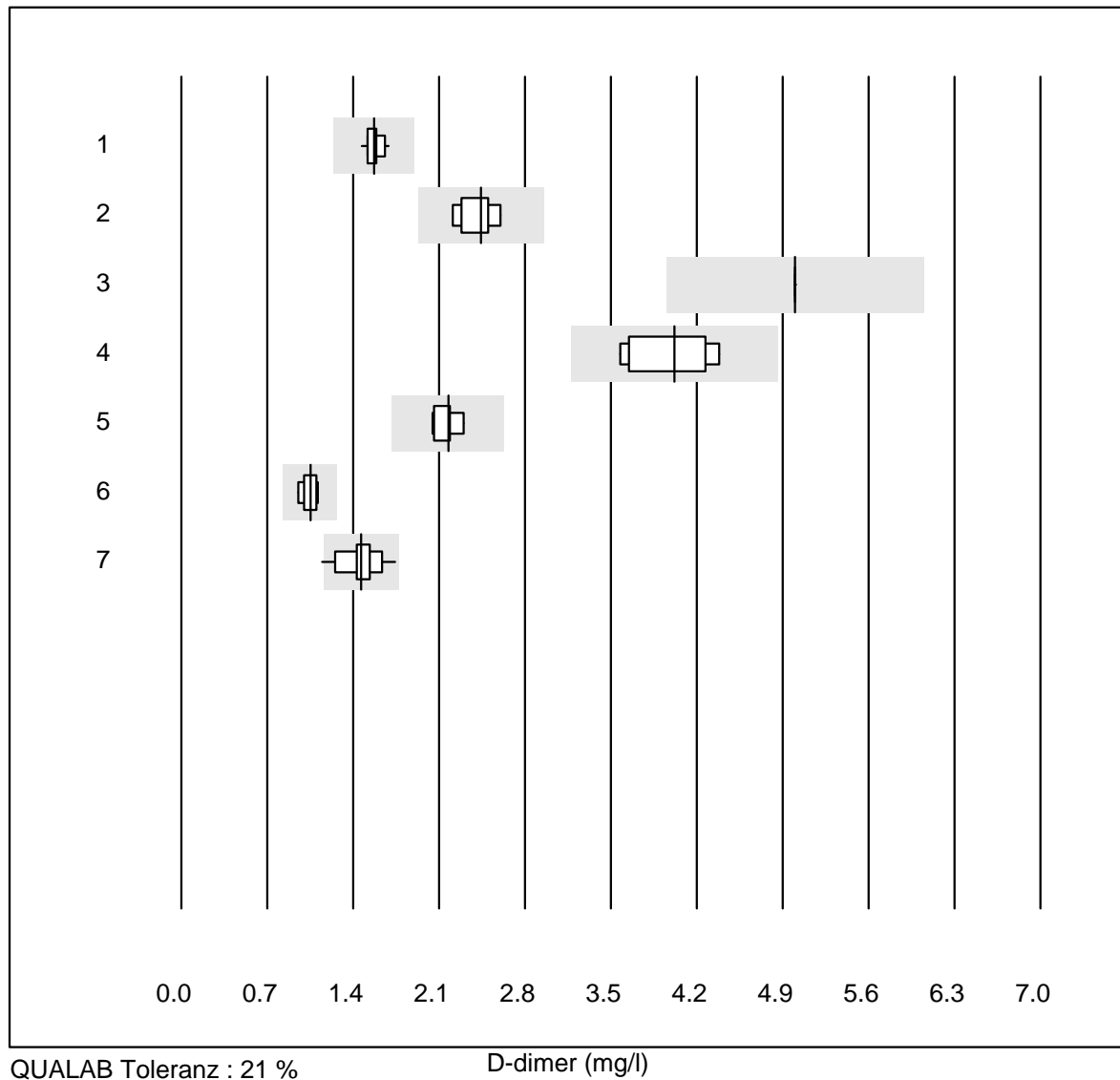
## aPTT H



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Actin FS	6	100.0	0.0	0.0	47.2	8.2	e*
2 Other methods	4	100.0	0.0	0.0	48.6	9.6	e*
3 Stago/STA	8	100.0	0.0	0.0	51.4	3.5	e
4 aPTT-SP	9	100.0	0.0	0.0	65.1	5.4	e

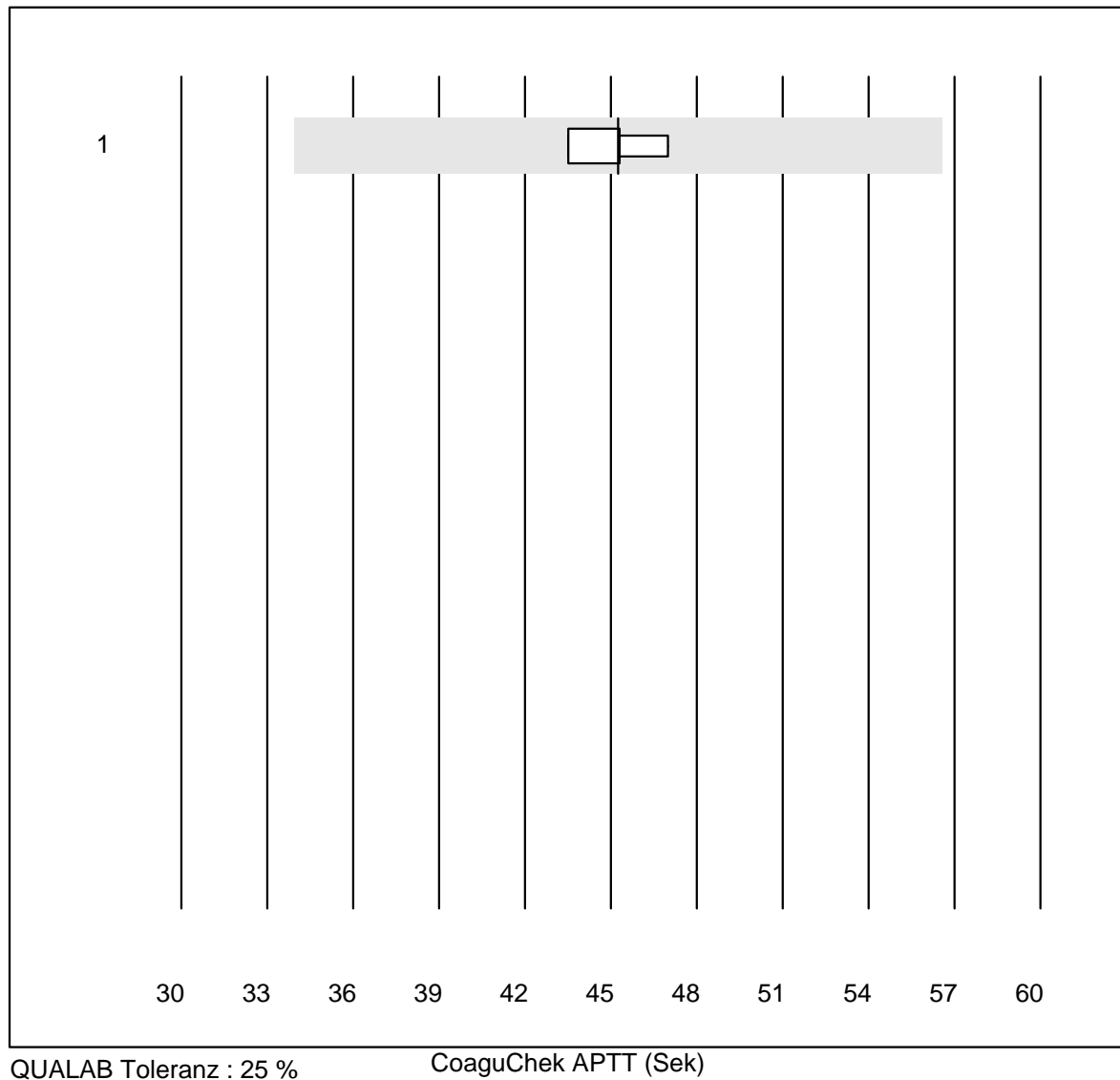


## D-dimer



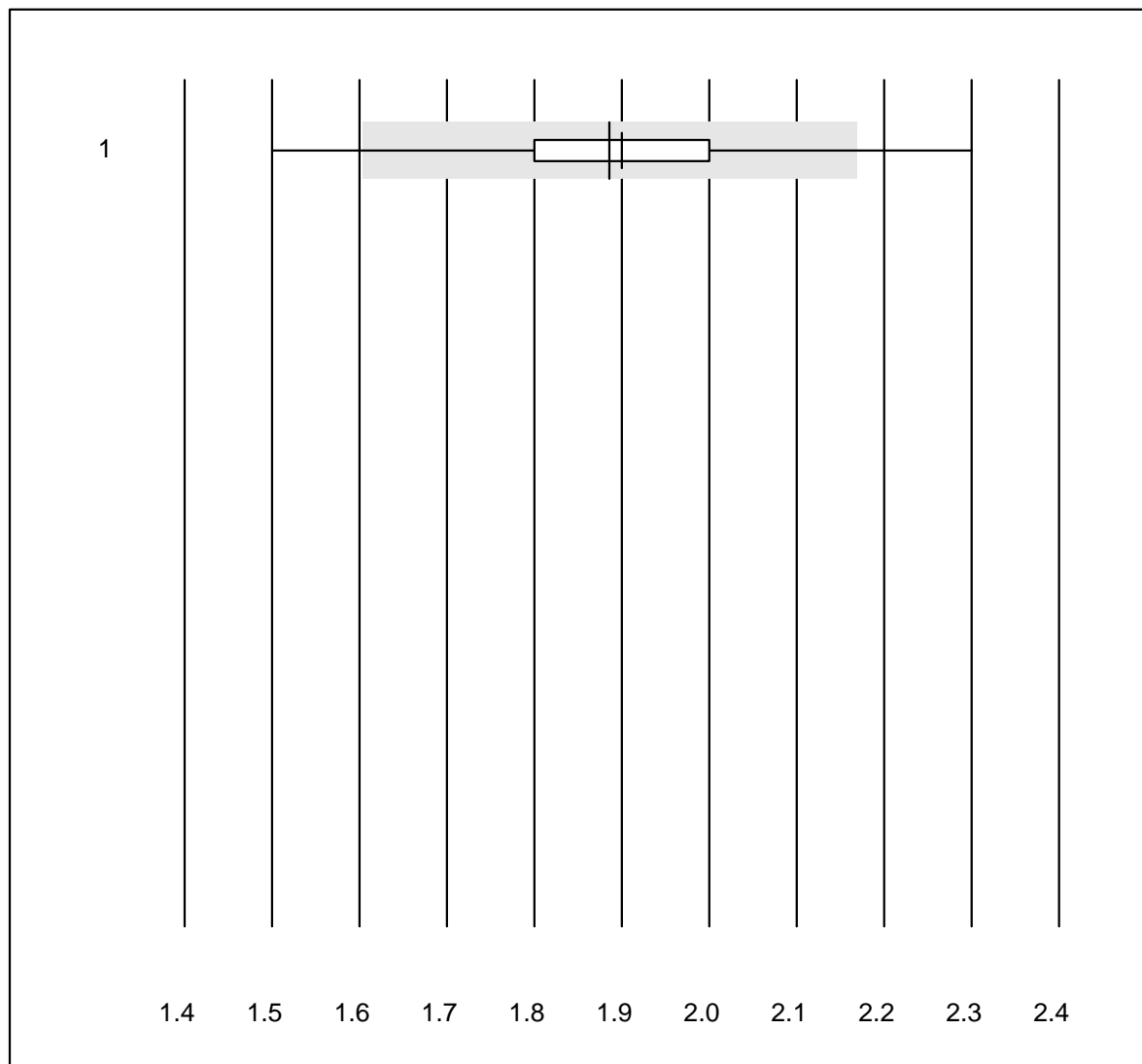
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	STA Liatest	12	91.7	0.0	8.3	1.57	4.0	e
2	Siemens Innovance	8	100.0	0.0	0.0	2.44	5.2	e
3	Eurolyser (Cutoff 0.	4	100.0	0.0	0.0	5.00	0.0	e
4	Eurolyser	6	100.0	0.0	0.0	4.02	8.2	e*
5	ACL	8	100.0	0.0	0.0	2.18	3.9	e
6	AQT 90 FLEX	9	100.0	0.0	0.0	1.05	5.6	e
7	VIDAS	18	94.4	5.6	0.0	1.47	8.9	e

## CoaguChek APTT



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CoaguChek Pro II	6	66.7	0.0	33.3	45.3	3.2	e

## INR CCXS

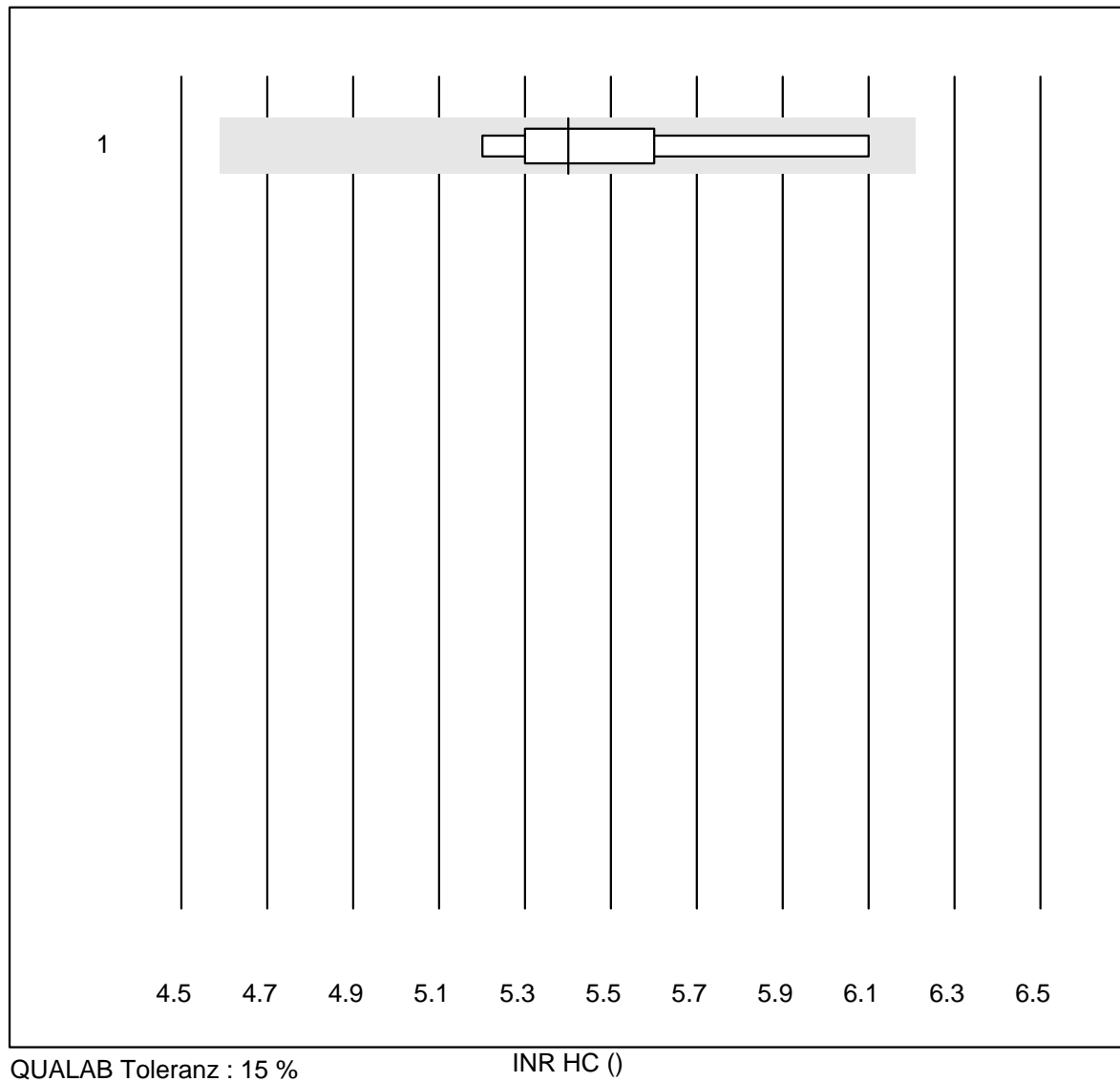


QUALAB Toleranz : 15 %

INR CCXS ()

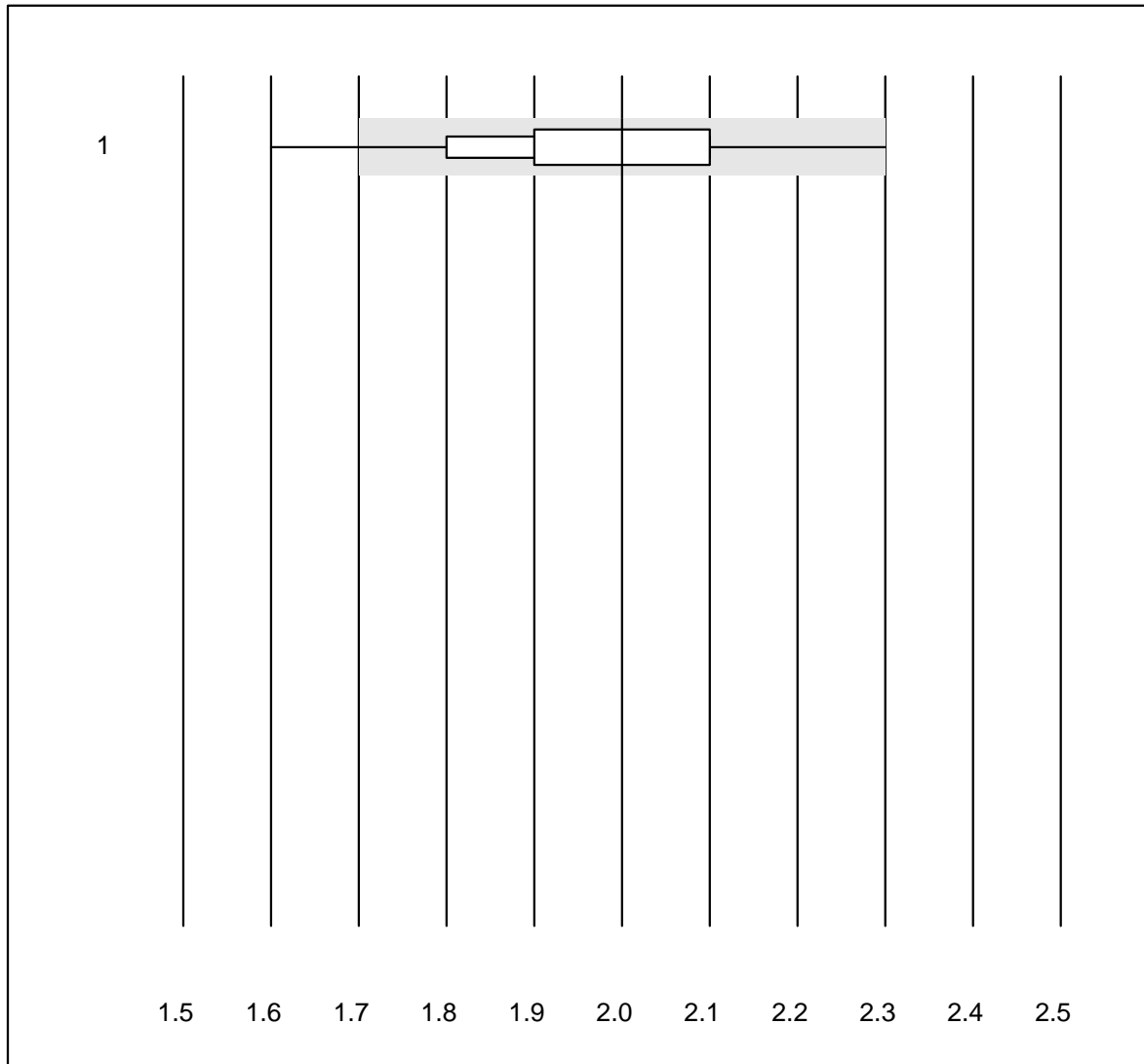
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CoaguChek XS	1751	98.6	1.0	0.4	1.9	3.7	e

## INR HC



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Hemochron j.	9	100.0	0.0	0.0	5.4	5.3	e

# INR MI

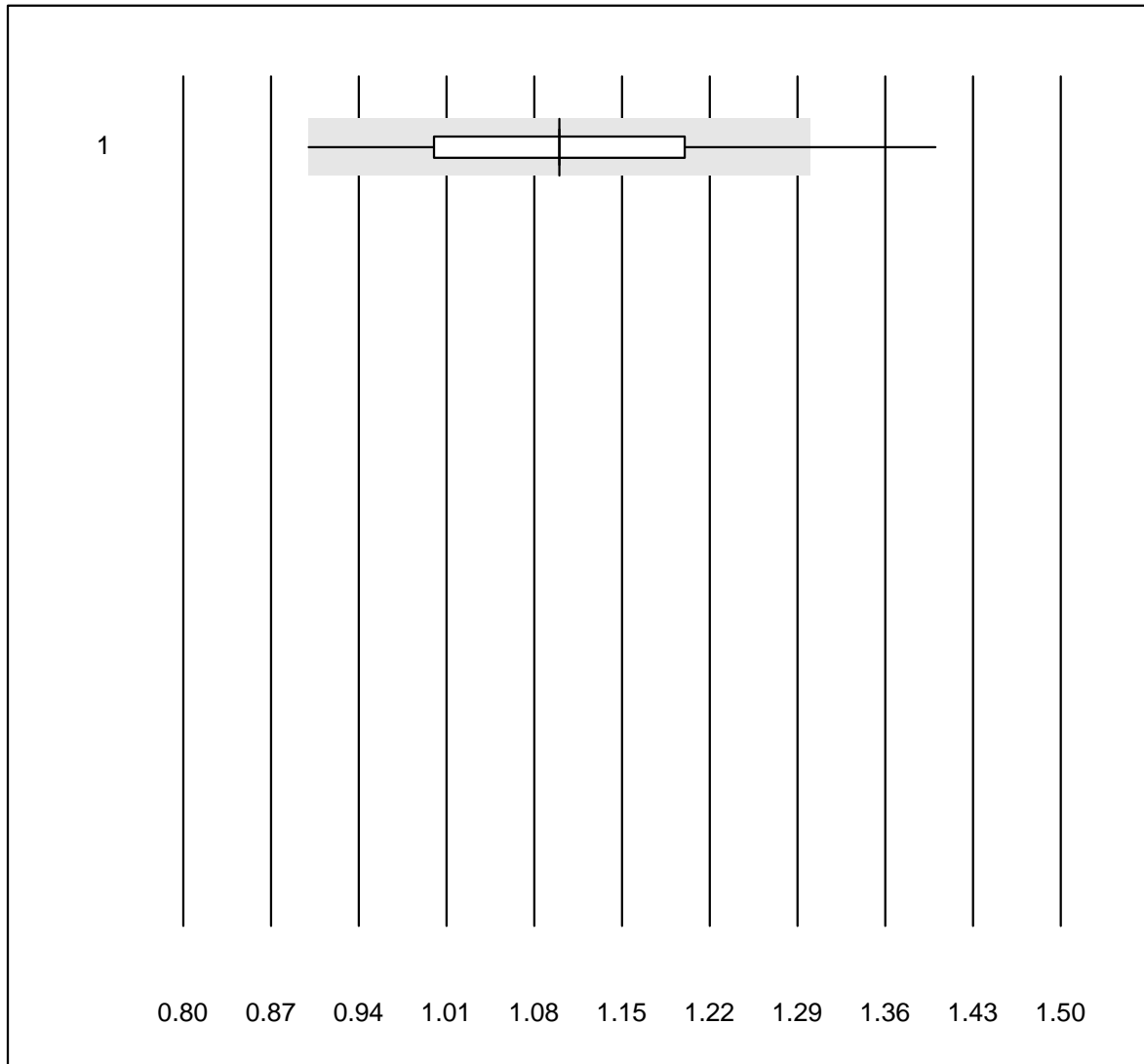


QUALAB Toleranz : 15 %

INR MI ( )

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 MicroINR	125	83.2	7.2	9.6	2.0	6.8	e

## INR Xprecia

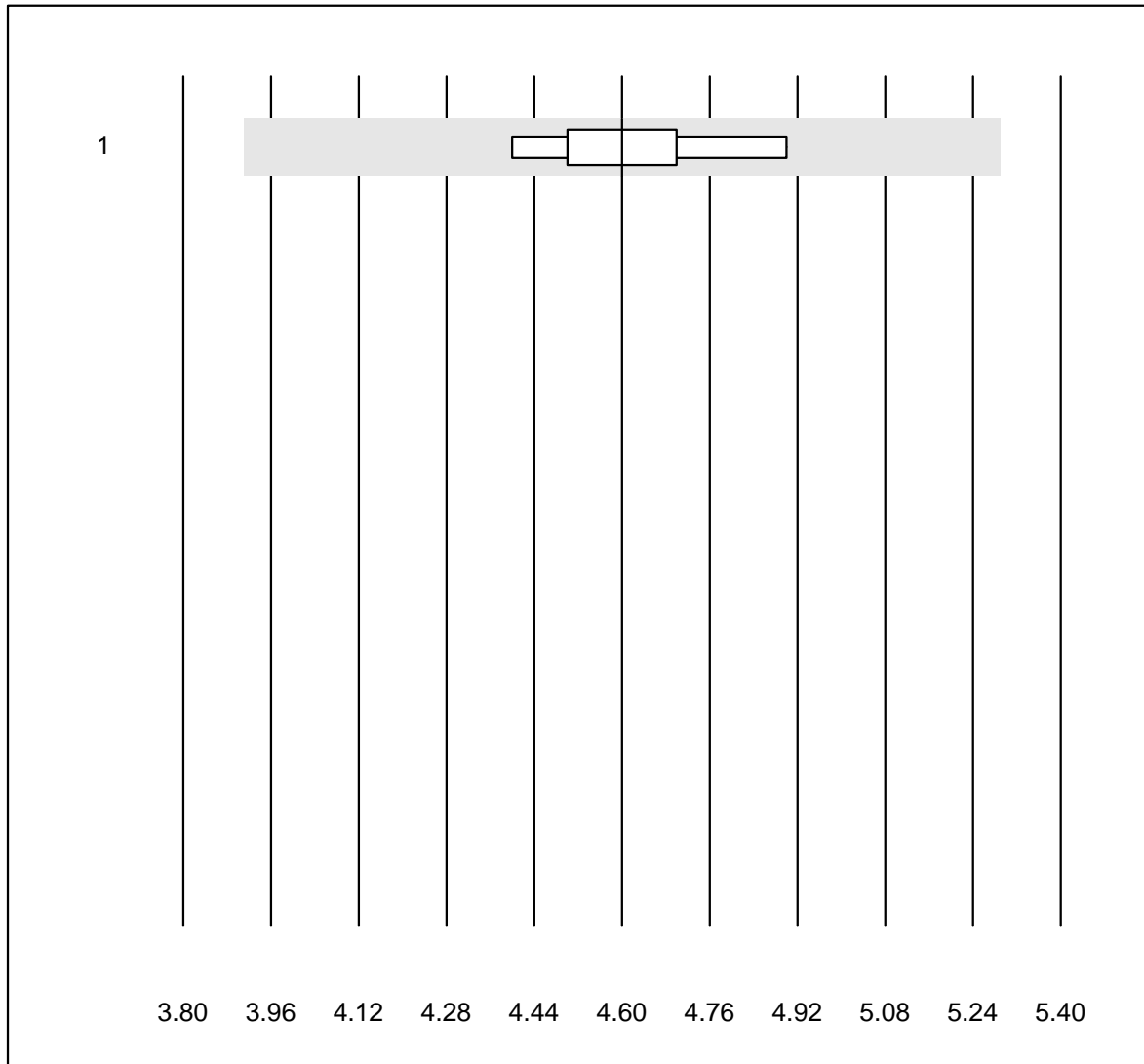


QUALAB Toleranz : 15 %  
( < 1.3: +/- 0.2 )

INR Xprecia ()

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Xprecia	62	93.5	6.5	0.0	1.1	6.5	e

## INR Lumira Dx

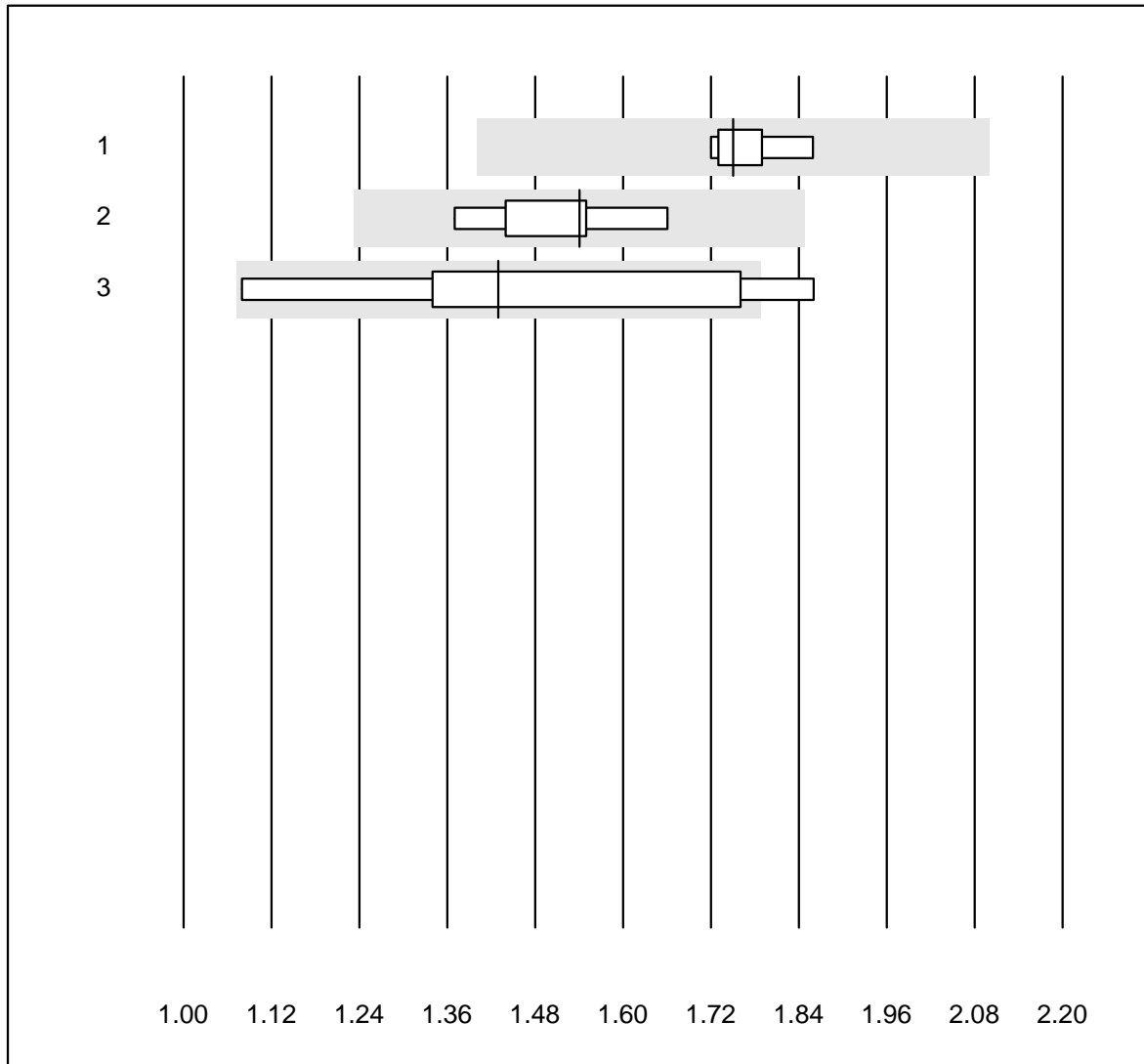


QUALAB Toleranz : 15 %

INR Lumira Dx ()

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Lumira Dx	5	100.0	0.0	0.0	4.6	4.2	e*

## Anti-FXa (LMW-Heparin)



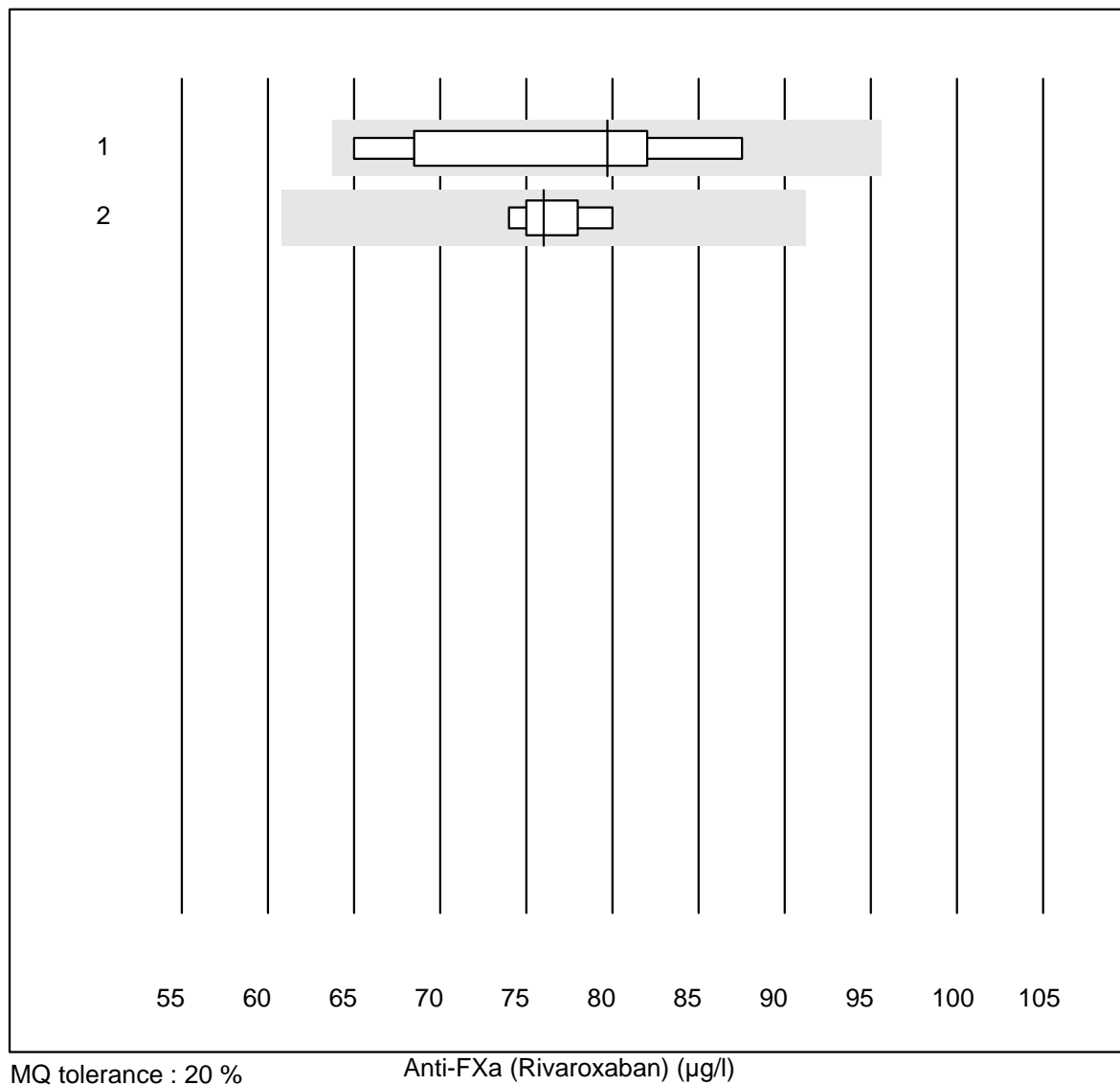
MQ tolerance : 20 %

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

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	5	100.0	0.0	0.0	1.75	3.2	e
2 Stago/STA	8	100.0	0.0	0.0	1.54	5.8	e
3 ACL	9	77.8	22.2	0.0	1.43	20.1	a

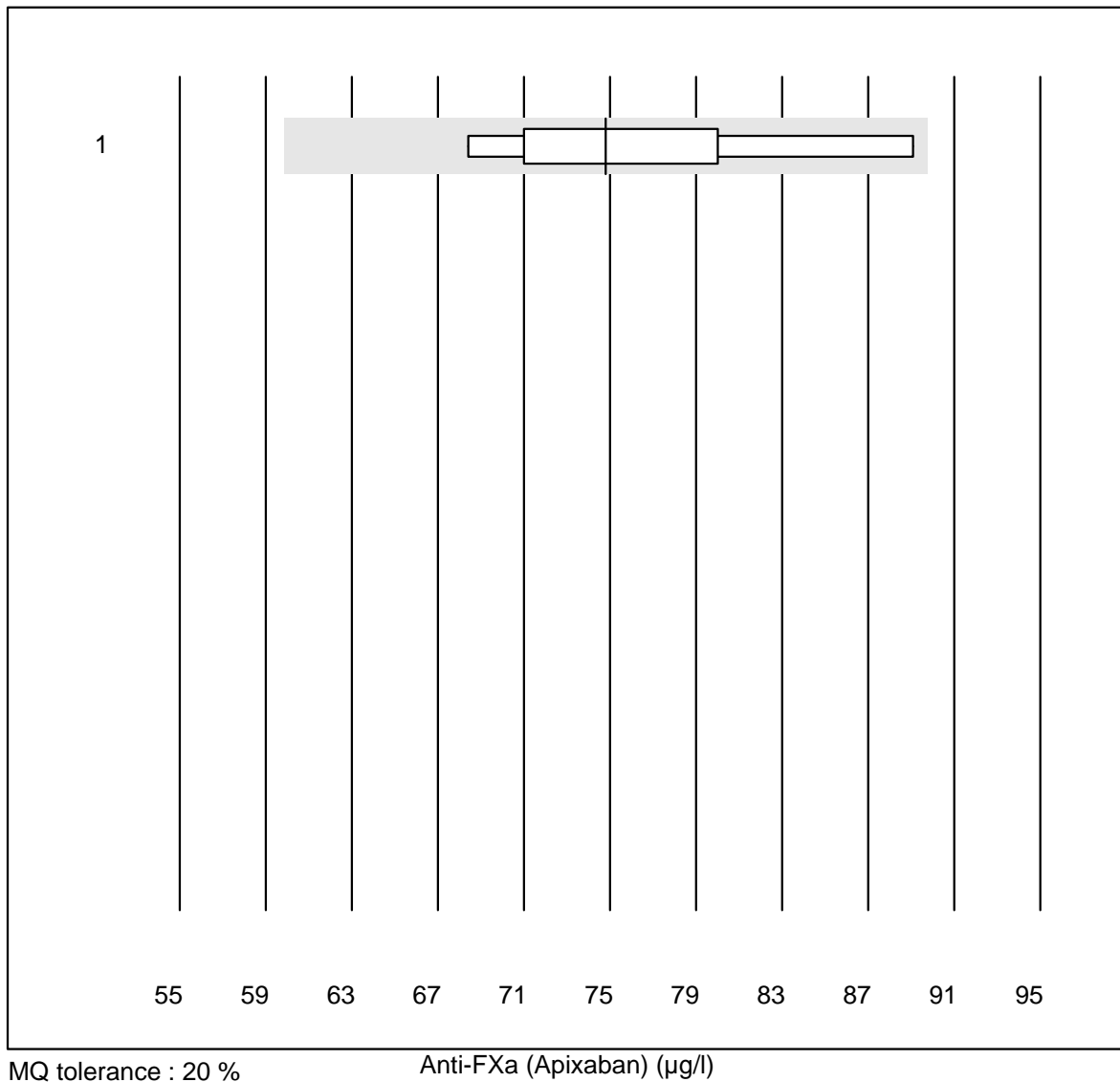


## Anti-FXa (Rivaroxaban)



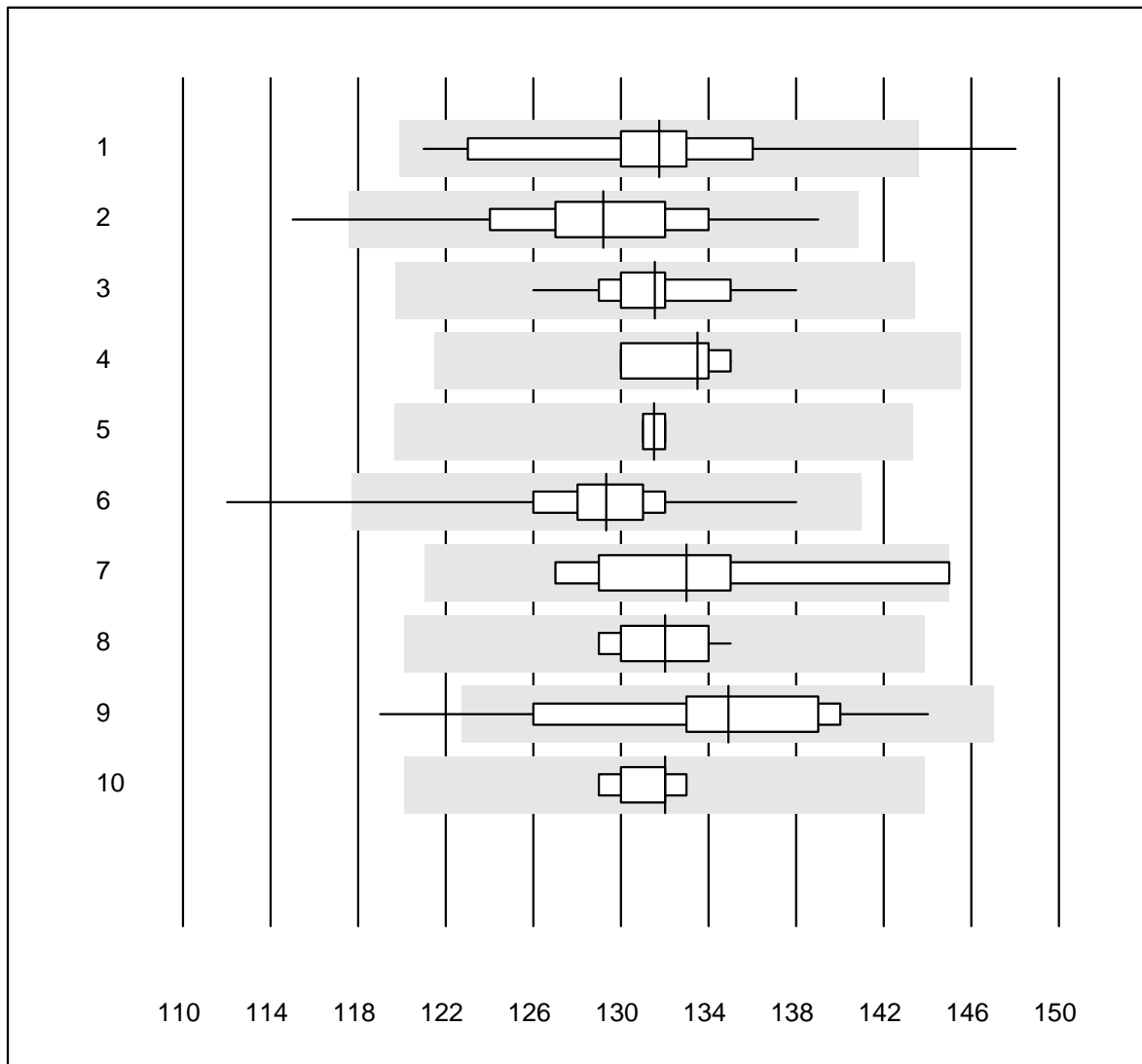
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	7	100.0	0.0	0.0	79.69	10.3	e*
2	Stago/STA	5	100.0	0.0	0.0	76.00	3.1	e

## Anti-FXa (Apixaban)



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	8	100.0	0.0	0.0	74.80	8.6	e*

# Hemoglobin

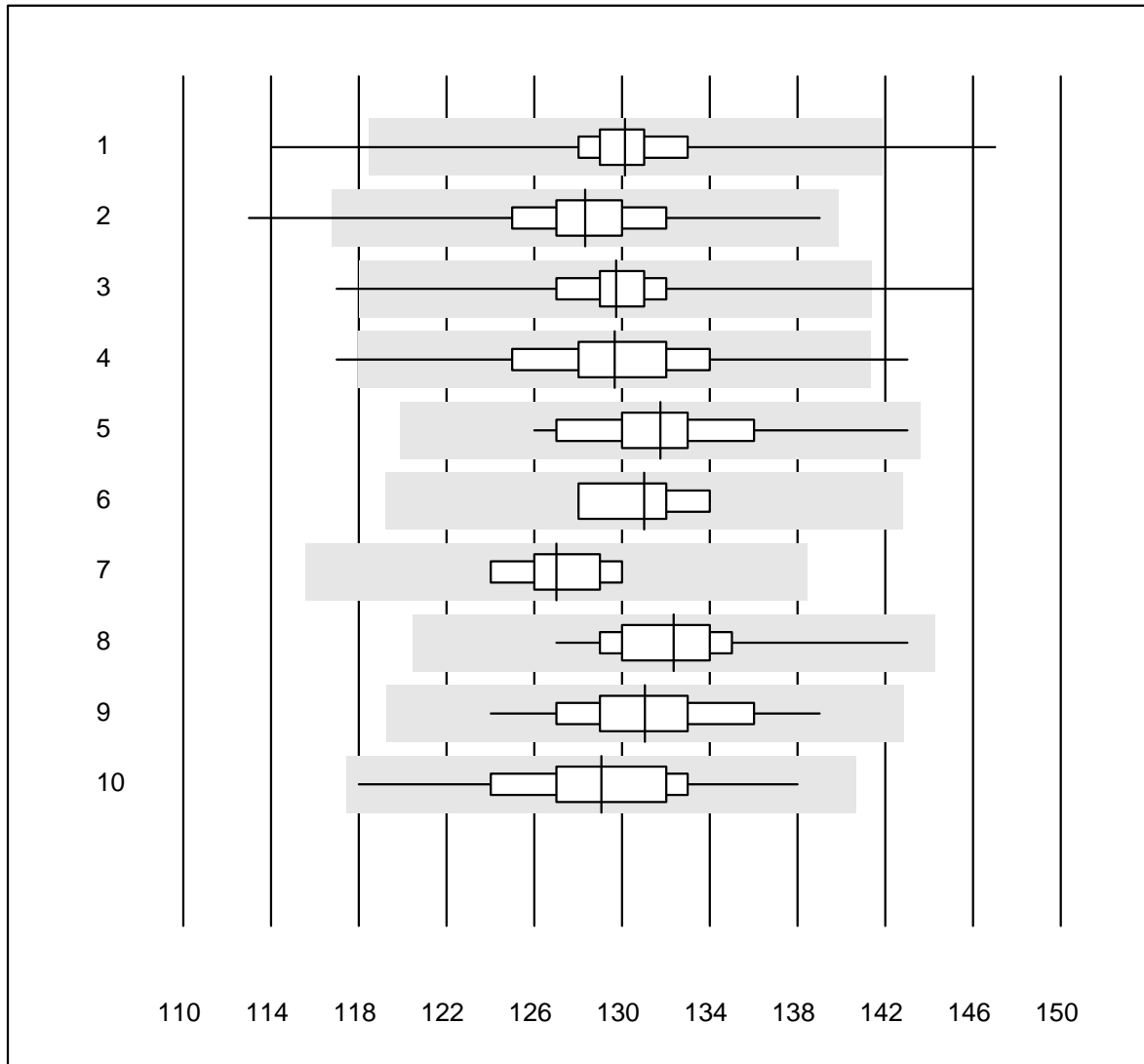


QUALAB Toleranz : 9 %

Hemoglobin (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automat	17	94.1	5.9	0.0	131.7	4.3	e
2	Cyanmethemoglobin	27	92.6	3.7	3.7	129.2	3.5	e
3	Sysmex X	46	97.8	0.0	2.2	131.6	1.7	e
4	Advia 120	4	100.0	0.0	0.0	133.5	1.6	e
5	Yumizen/Pentra	4	100.0	0.0	0.0	131.5	0.4	e
6	Hemocue	402	95.3	0.7	4.0	129.3	2.5	e
7	Dr. Lange	7	71.4	14.3	14.3	133.0	4.7	e*
8	Hemocontrol	11	100.0	0.0	0.0	132.0	1.5	e
9	DiaSpect	17	70.6	5.9	23.5	134.9	4.8	e*
10	Sysmex	6	100.0	0.0	0.0	132.0	1.1	e

# Hemoglobin

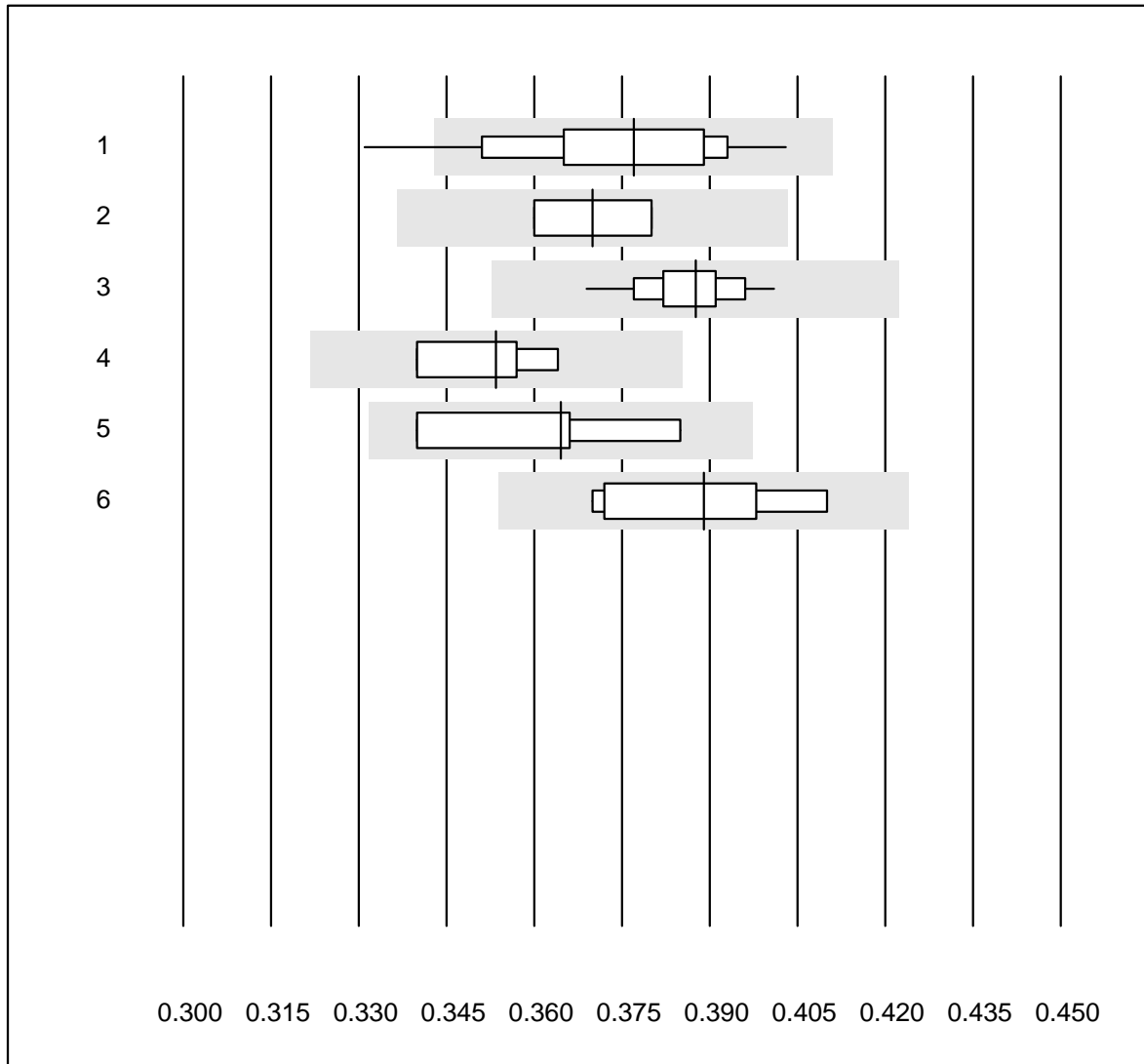


QUALAB Toleranz : 9 %

Hemoglobin (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	227	94.7	1.8	3.5	130.2	2.4	e
2	Sysmex PochH - 100i	200	96.0	0.5	3.5	128.3	2.5	e
3	Sysmex XP 300	567	96.8	1.1	2.1	129.7	1.9	e
4	Mythic	282	92.9	0.7	6.4	129.6	3.1	e
5	Swelab	35	100.0	0.0	0.0	131.7	2.7	e
6	Abacus Junior	5	80.0	0.0	20.0	131.0	1.9	e
7	Medonic	6	100.0	0.0	0.0	127.0	1.8	e
8	Celltac Alpha (Nihon	84	95.2	0.0	4.8	132.4	2.3	e
9	Samsung HC10	29	89.7	0.0	10.3	131.0	2.7	e
10	Micros 60	157	96.8	0.0	3.2	129.1	2.8	e

## Hematocrit

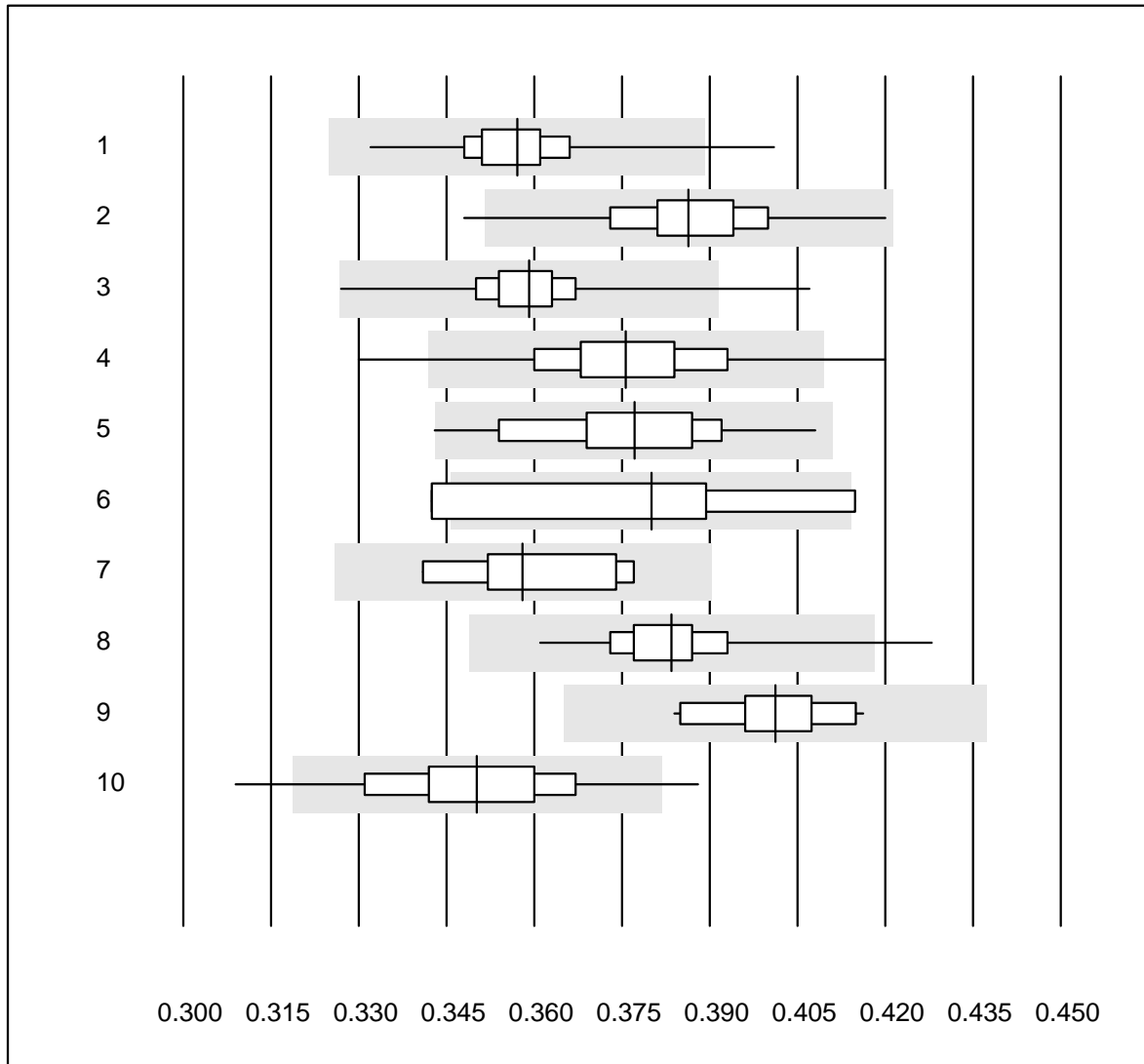


QUALAB Toleranz : 9 %

Hematocrit (l/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automat	14	92.9	7.1	0.0	0.38	5.1	e*
2	Centrifuge	5	100.0	0.0	0.0	0.37	2.7	e*
3	Sysmex X	46	97.8	0.0	2.2	0.39	1.9	e
4	Advia 120	4	100.0	0.0	0.0	0.35	2.9	e*
5	Yumizen/Pentra	4	100.0	0.0	0.0	0.36	5.1	e*
6	Sysmex	6	100.0	0.0	0.0	0.39	3.9	e*

## Hematocrit

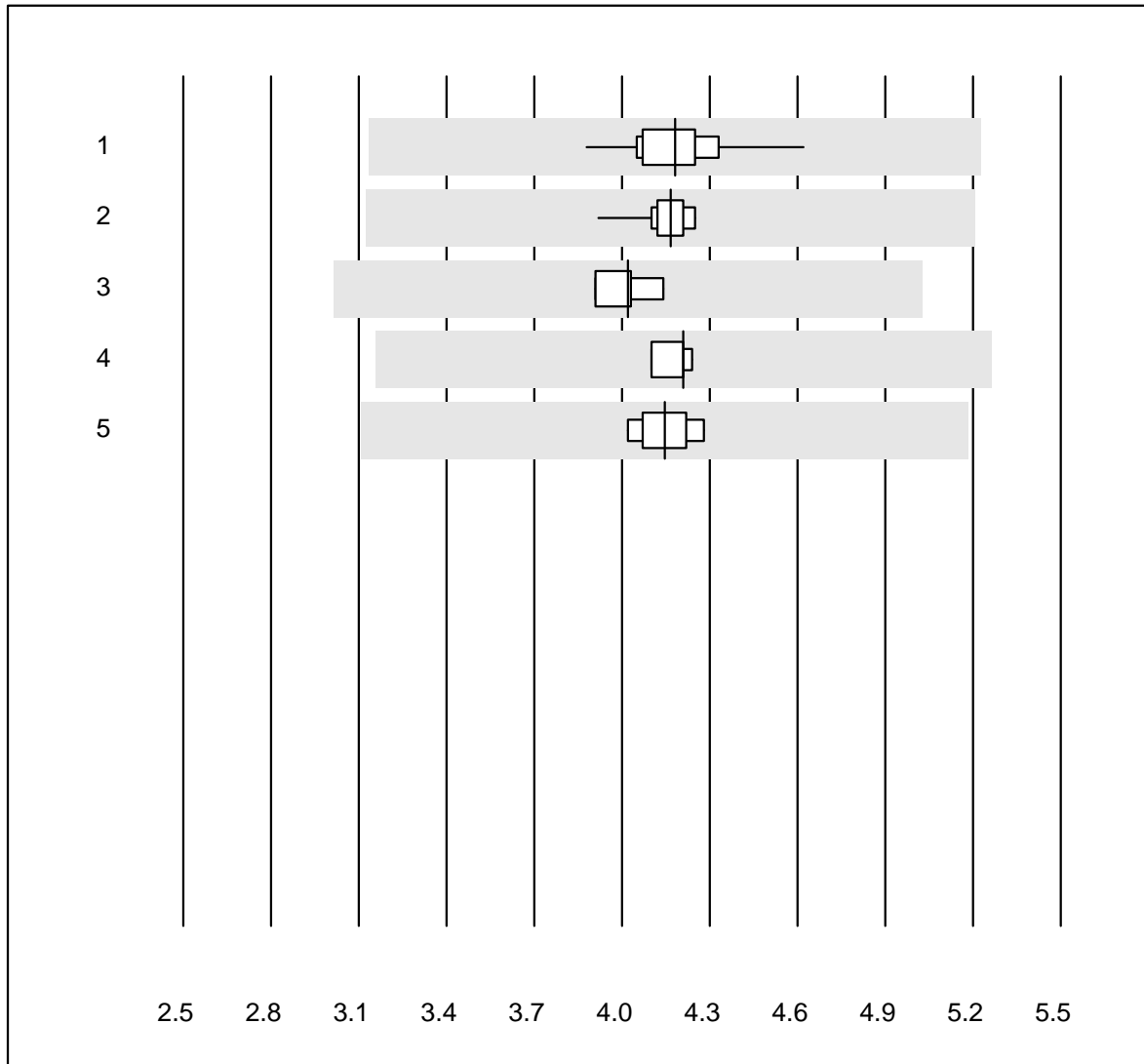


QUALAB Toleranz : 9 %

Hematocrit (l/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	227	96.0	1.8	2.2	0.36	2.5	e
2	Sysmex PochH - 100i	201	95.5	1.5	3.0	0.39	3.1	e
3	Sysmex XP 300	567	97.7	0.5	1.8	0.36	2.2	e
4	Mythic	283	92.2	0.7	7.1	0.38	3.4	e
5	Swelab	35	97.1	2.9	0.0	0.38	3.7	e
6	Abacus Junior	5	40.0	40.0	20.0	0.38	7.9	e*
7	Medonic	6	100.0	0.0	0.0	0.36	3.8	e*
8	Celltac Alpha (Nihon	85	94.1	2.4	3.5	0.38	2.9	e
9	Samsung HC10	29	89.7	0.0	10.3	0.40	2.3	e
10	Micros 60	157	92.3	4.5	3.2	0.35	4.0	e

# Erythrocytes

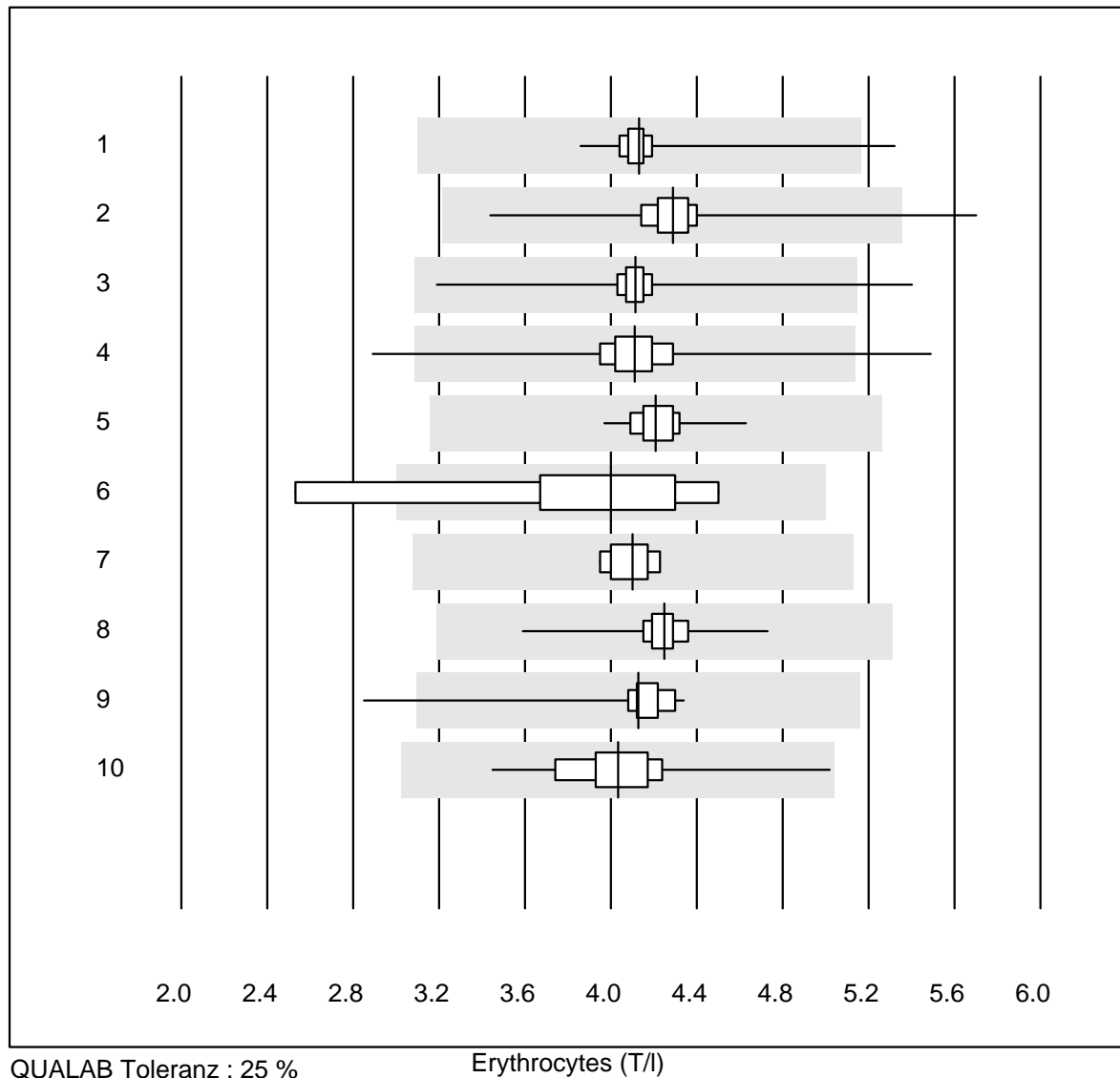


QUALAB Toleranz : 25 %

Erythrocytes (T/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Automat	14	100.0	0.0	0.0	4.18	4.1	e
2 Sysmex X	46	97.8	0.0	2.2	4.17	1.6	e
3 Advia 120	4	100.0	0.0	0.0	4.02	2.3	e
4 Yumizen/Pentra	4	100.0	0.0	0.0	4.21	1.5	e
5 Sysmex	6	100.0	0.0	0.0	4.15	2.4	e

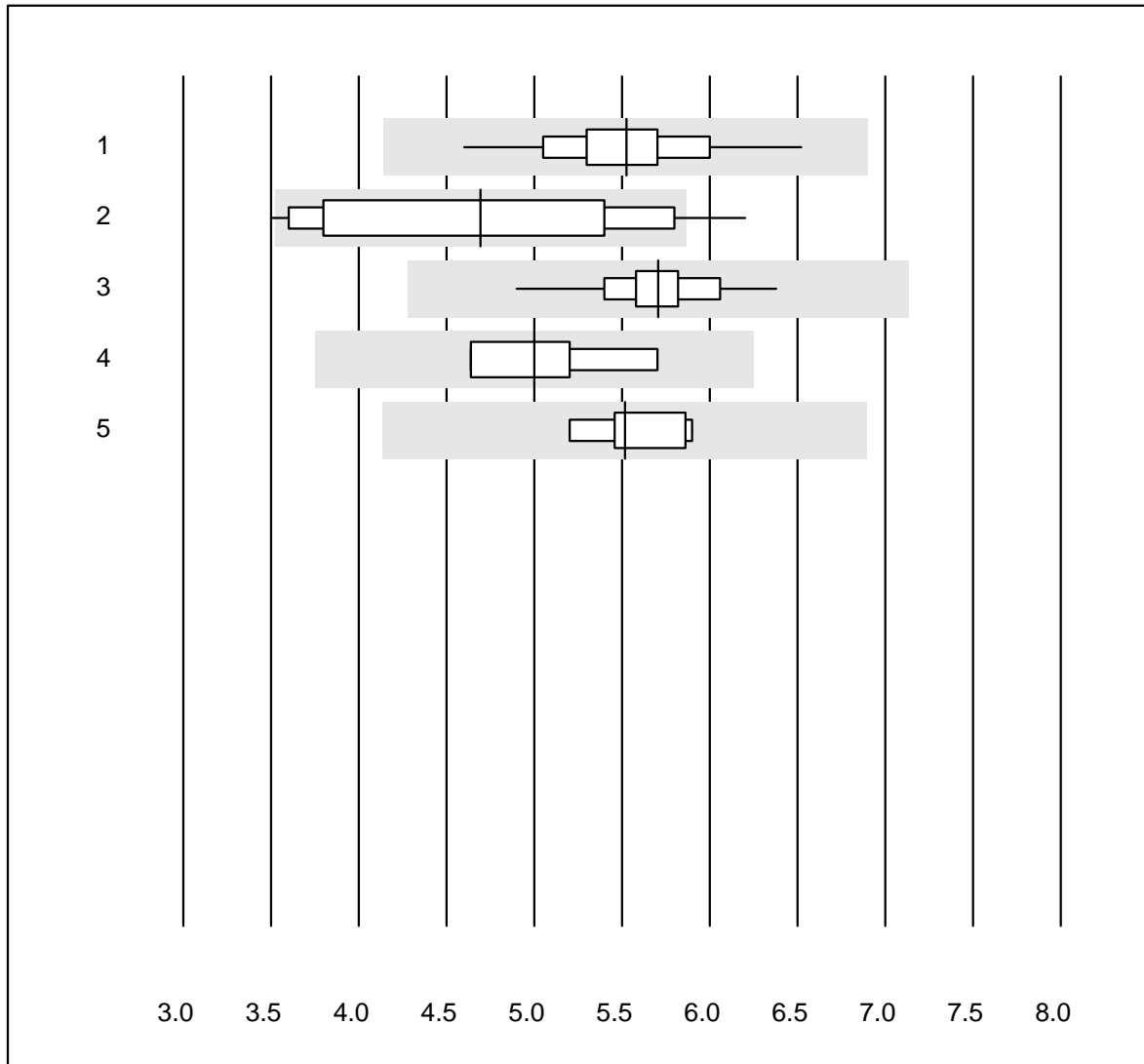
## Erythrocytes



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	226	97.8	0.4	1.8	4.13	3.3	e
2	Sysmex PochH - 100i	201	96.5	0.5	3.0	4.29	3.8	e
3	Sysmex XP 300	568	98.7	0.2	1.1	4.12	2.8	e
4	Mythic	282	95.1	1.4	3.5	4.11	5.6	e
5	Swelab	35	100.0	0.0	0.0	4.21	2.7	e
6	Abacus Junior	5	80.0	20.0	0.0	4.00	20.4	e*
7	Medonic	6	83.3	0.0	16.7	4.10	2.9	e
8	Celltac Alpha (Nihon	85	97.6	0.0	2.4	4.25	3.1	e
9	Samsung HC10	29	89.7	3.4	6.9	4.13	6.5	e
10	Micros 60	157	96.8	0.0	3.2	4.03	5.5	e



# Leucocytes

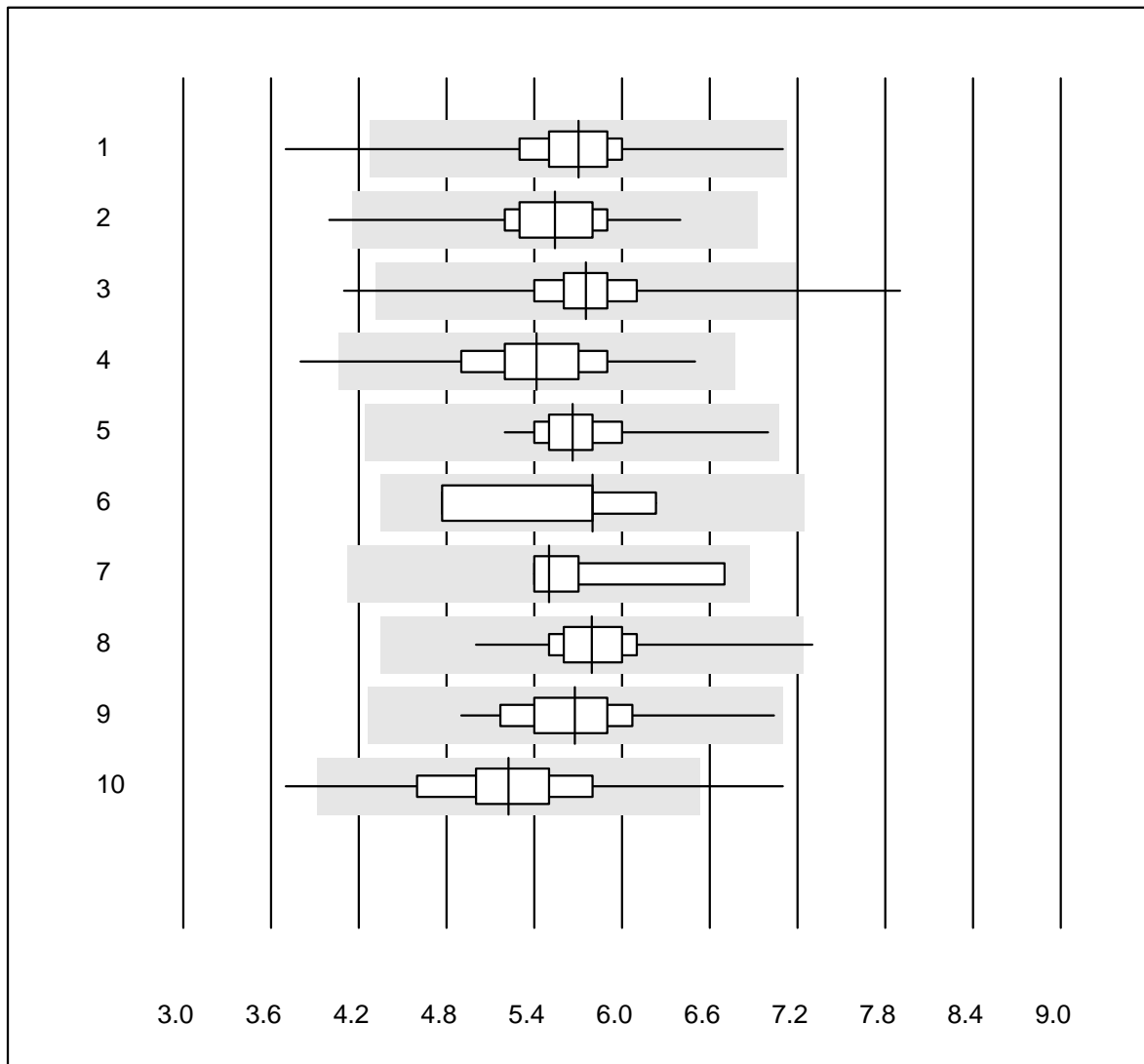


QUALAB Toleranz : 25 %

Leucocytes (G/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Automat	12	100.0	0.0	0.0	5.52	8.7	e
2 Microscopic	19	73.7	10.5	15.8	4.69	19.3	e*
3 Sysmex X	46	100.0	0.0	0.0	5.71	4.8	e
4 Advia 120 (Perox)	4	100.0	0.0	0.0	5.00	9.3	e*
5 Sysmex	6	100.0	0.0	0.0	5.52	4.7	e

## Leucocytes

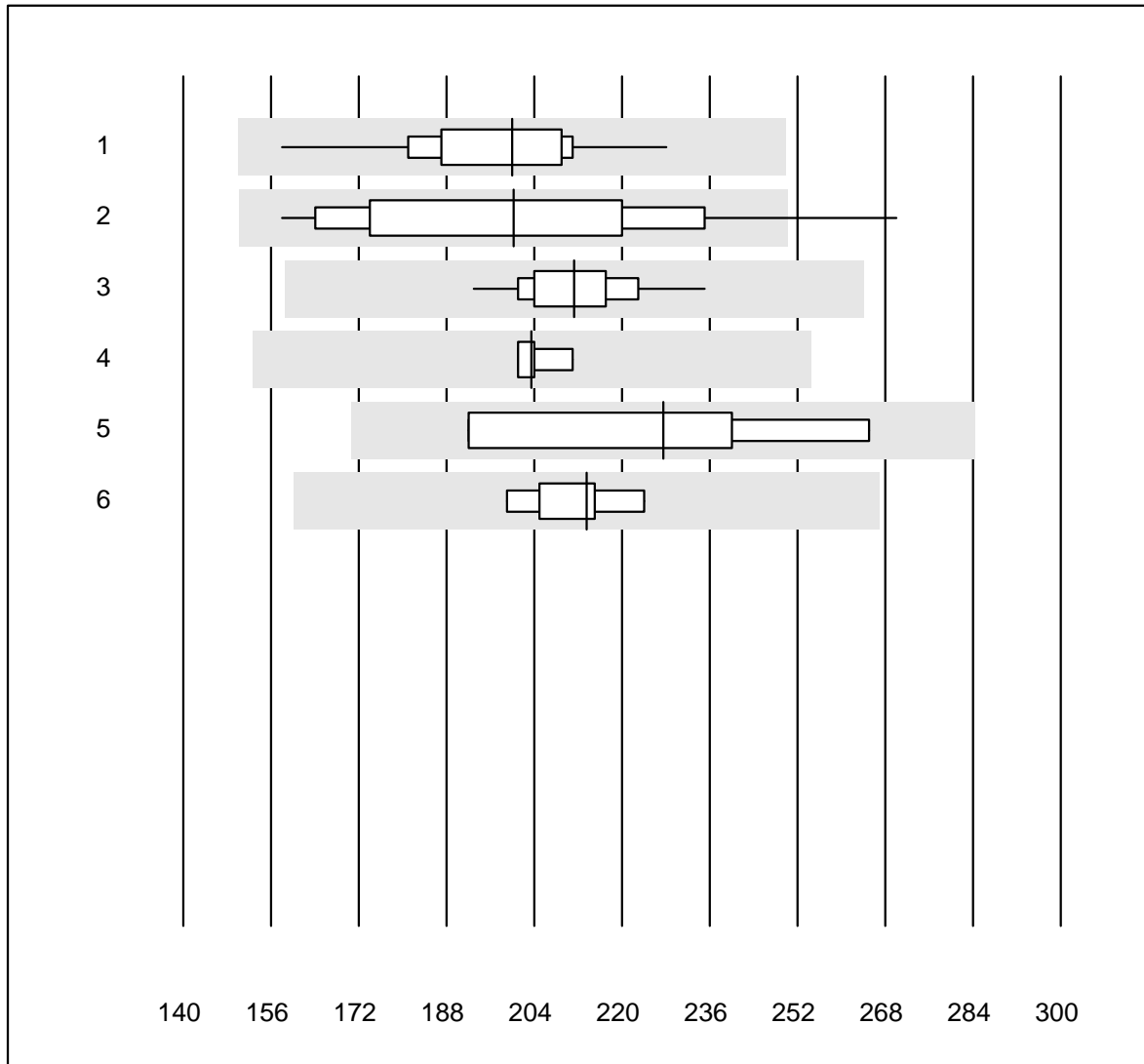


QUALAB Toleranz : 25 %

Leucocytes (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	227	98.7	0.4	0.9	5.70	6.6	e
2	Sysmex PochH - 100i	200	98.0	0.5	1.5	5.54	6.1	e
3	Sysmex XP 300	568	99.3	0.7	0.0	5.75	6.1	e
4	Mythic	282	96.8	1.1	2.1	5.42	7.8	e
5	Swelab	35	100.0	0.0	0.0	5.66	5.9	e
6	Abacus Junior	5	80.0	0.0	20.0	5.80	10.9	e*
7	Medonic	6	100.0	0.0	0.0	5.50	8.8	e*
8	Celltac Alpha (Nihon	85	97.6	1.2	1.2	5.79	5.3	e
9	Samsung HC10	29	93.1	0.0	6.9	5.68	7.6	e
10	Micros 60	157	96.8	1.9	1.3	5.23	9.0	e

# Thrombocytes

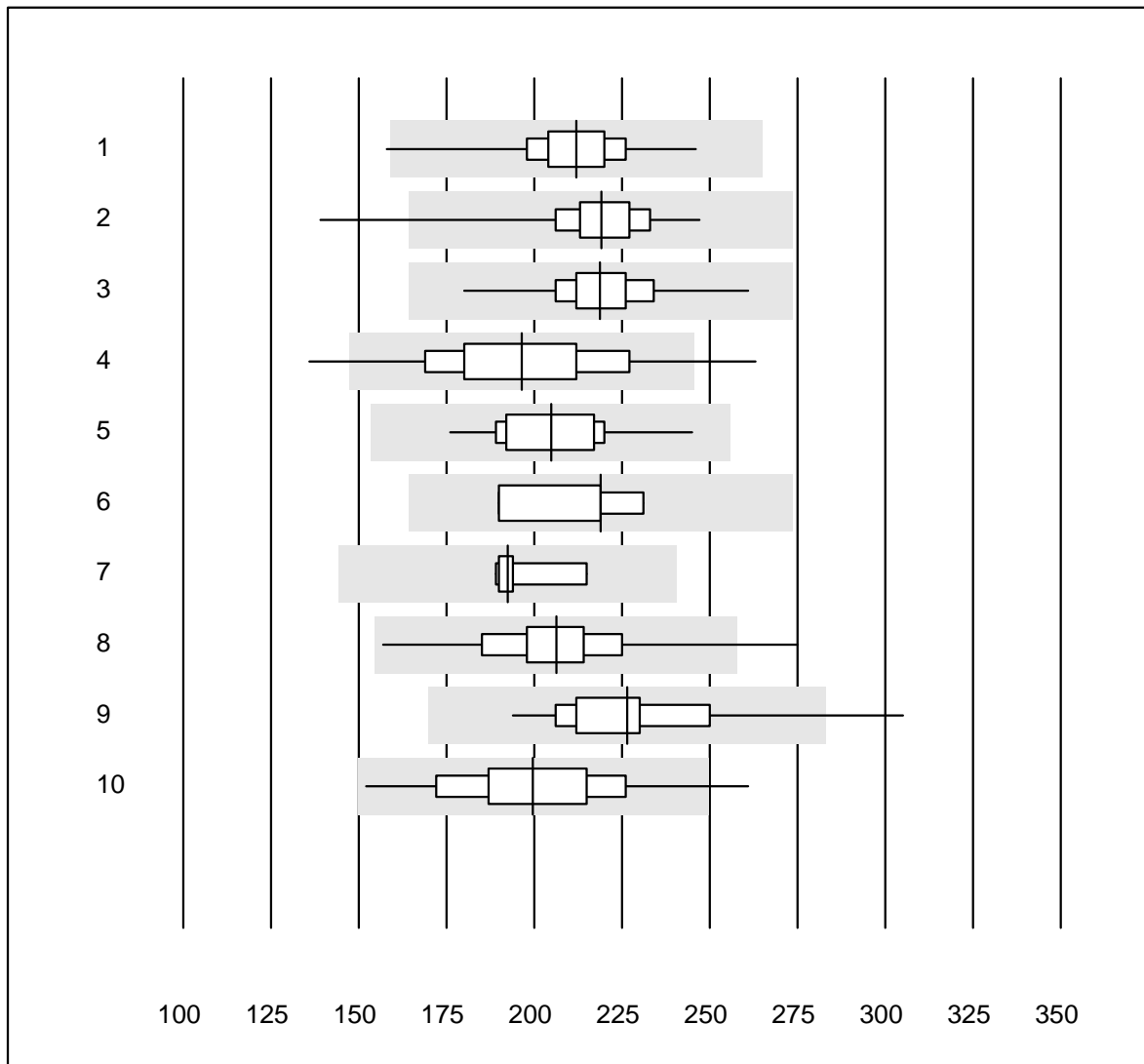


QUALAB Toleranz : 25 %

Thrombocytes (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Automat	12	100.0	0.0	0.0	199.9	8.9	e
2	Microscopic	12	83.4	8.3	8.3	200.2	16.9	e*
3	Sysmex X	46	100.0	0.0	0.0	211.3	4.4	e
4	Advia 120	4	100.0	0.0	0.0	203.5	2.1	e
5	Yumizen/Pentra	4	100.0	0.0	0.0	227.5	13.8	e*
6	Sysmex	6	100.0	0.0	0.0	213.5	4.1	e

# Thrombocytes

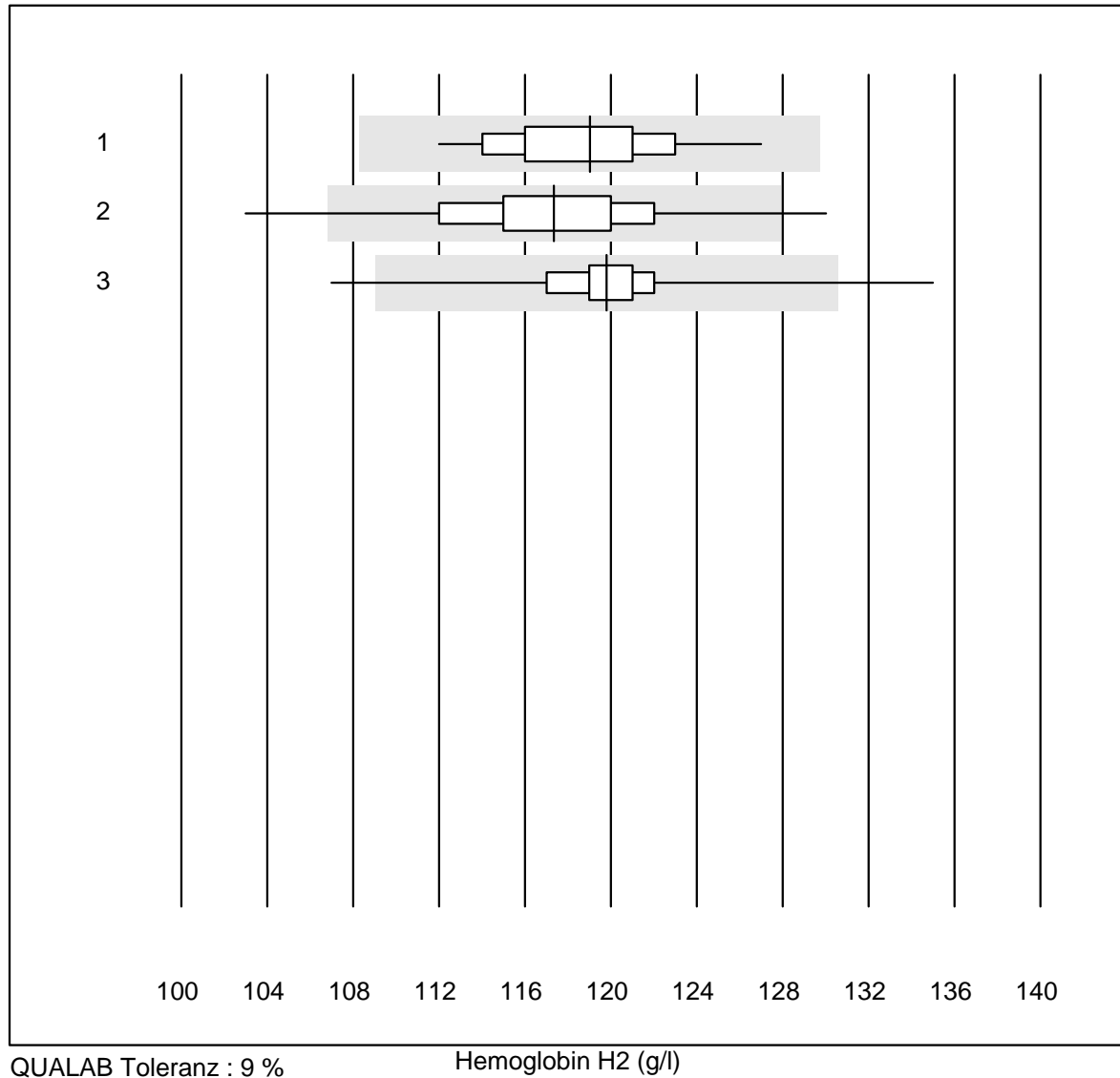


QUALAB Toleranz : 25 %

Thrombocytes (G/l)

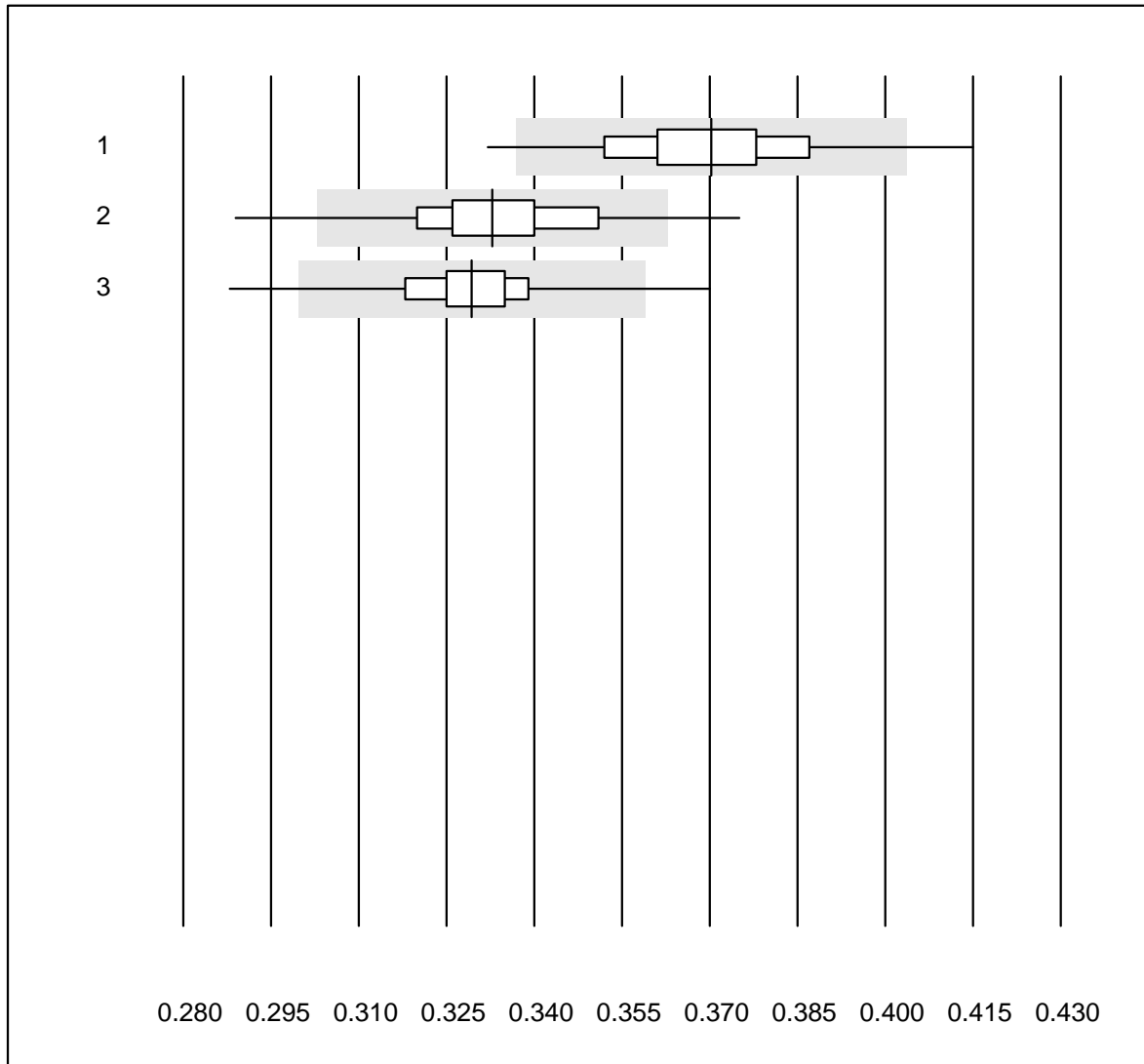
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex KX21	227	98.3	0.4	1.3	211.9	5.6	e
2	Sysmex PochH - 100i	200	99.0	1.0	0.0	219.0	6.0	e
3	Sysmex XP 300	567	99.8	0.0	0.2	218.8	5.1	e
4	Mythic	283	96.8	1.8	1.4	196.4	11.4	e
5	Swelab	35	100.0	0.0	0.0	204.8	7.2	e
6	Abacus Junior	5	80.0	0.0	20.0	219.0	8.3	e*
7	Medonic	6	100.0	0.0	0.0	192.5	5.0	e
8	Celltac Alpha (Nihon	85	98.8	1.2	0.0	206.2	8.1	e
9	Samsung HC10	29	93.1	6.9	0.0	226.4	11.0	e
10	Micros 60	156	96.1	2.6	1.3	199.6	10.8	e

## Hemoglobin H2



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Z3	58	98.3	0.0	1.7	119.0	2.9	e
2 Abx Micros	137	91.3	3.6	5.1	117.3	3.8	e
3 Microsemi	765	94.5	0.5	5.0	119.8	2.0	e

## Hematocrit H2

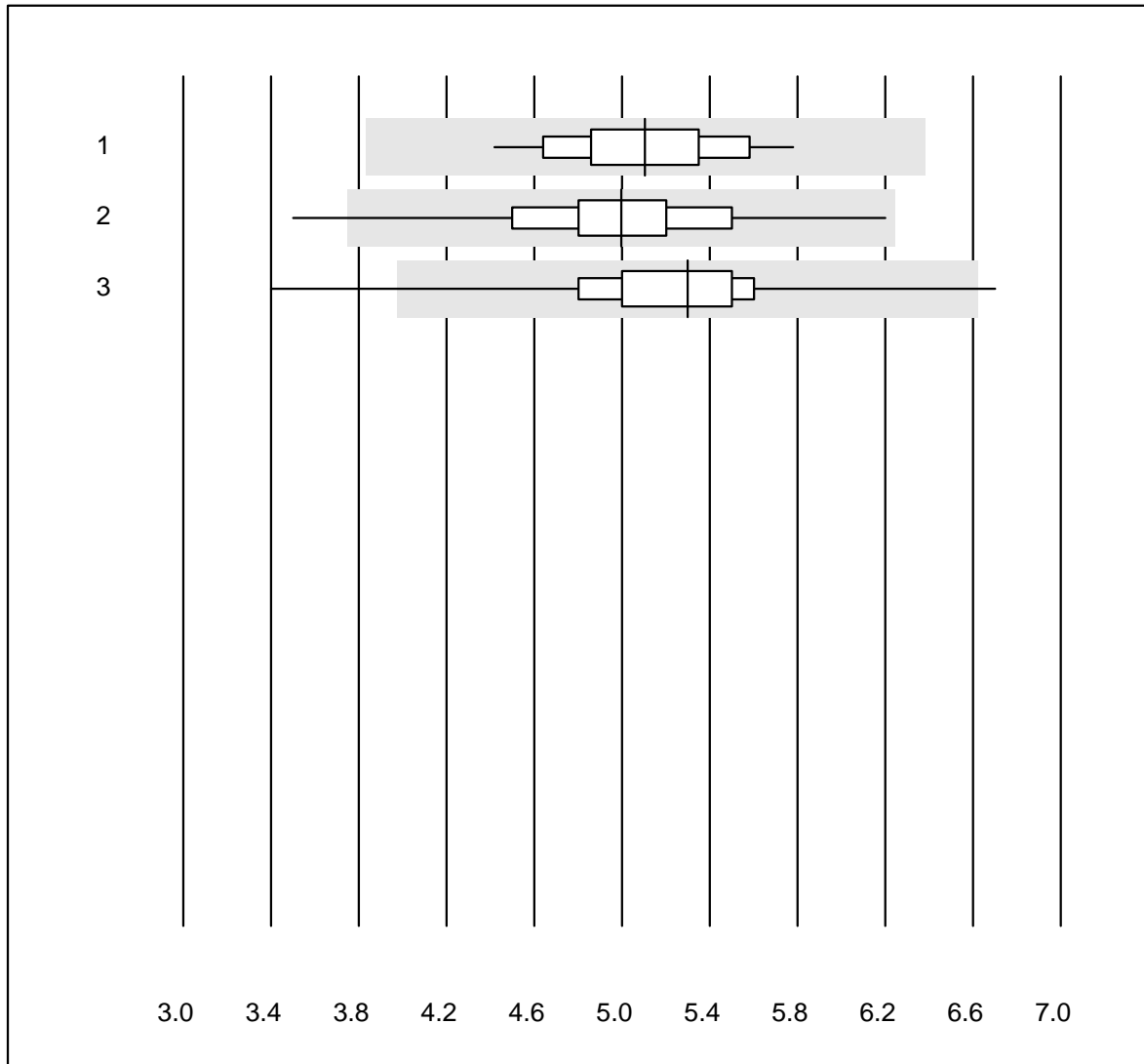


QUALAB Toleranz : 9 %

Hematocrit H2 (l/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Z3	58	93.1	5.2	1.7	0.37	4.1	e
2 Abx Micros	137	89.8	5.1	5.1	0.33	3.9	e
3 Microsemi	764	93.7	0.9	5.4	0.33	2.7	e

## Leucocytes H2

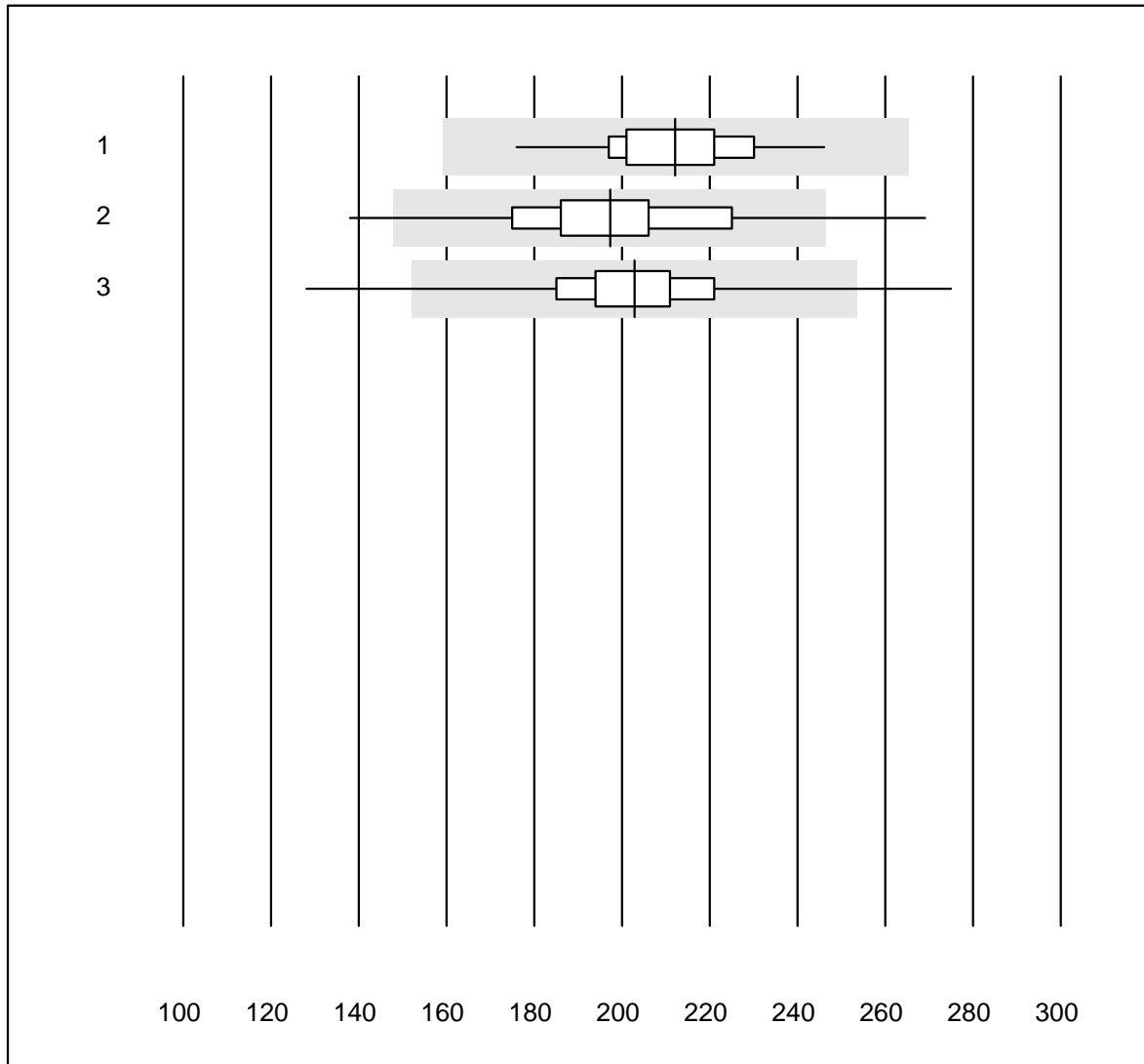


QUALAB Toleranz : 25 %

Leucocytes H2 (G/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Z3	58	100.0	0.0	0.0	5.11	6.6	e
2 Abx Micros	137	96.3	1.5	2.2	5.00	8.7	e
3 Microsemi	765	98.0	0.8	1.2	5.30	7.1	e

## Thrombocytes H2



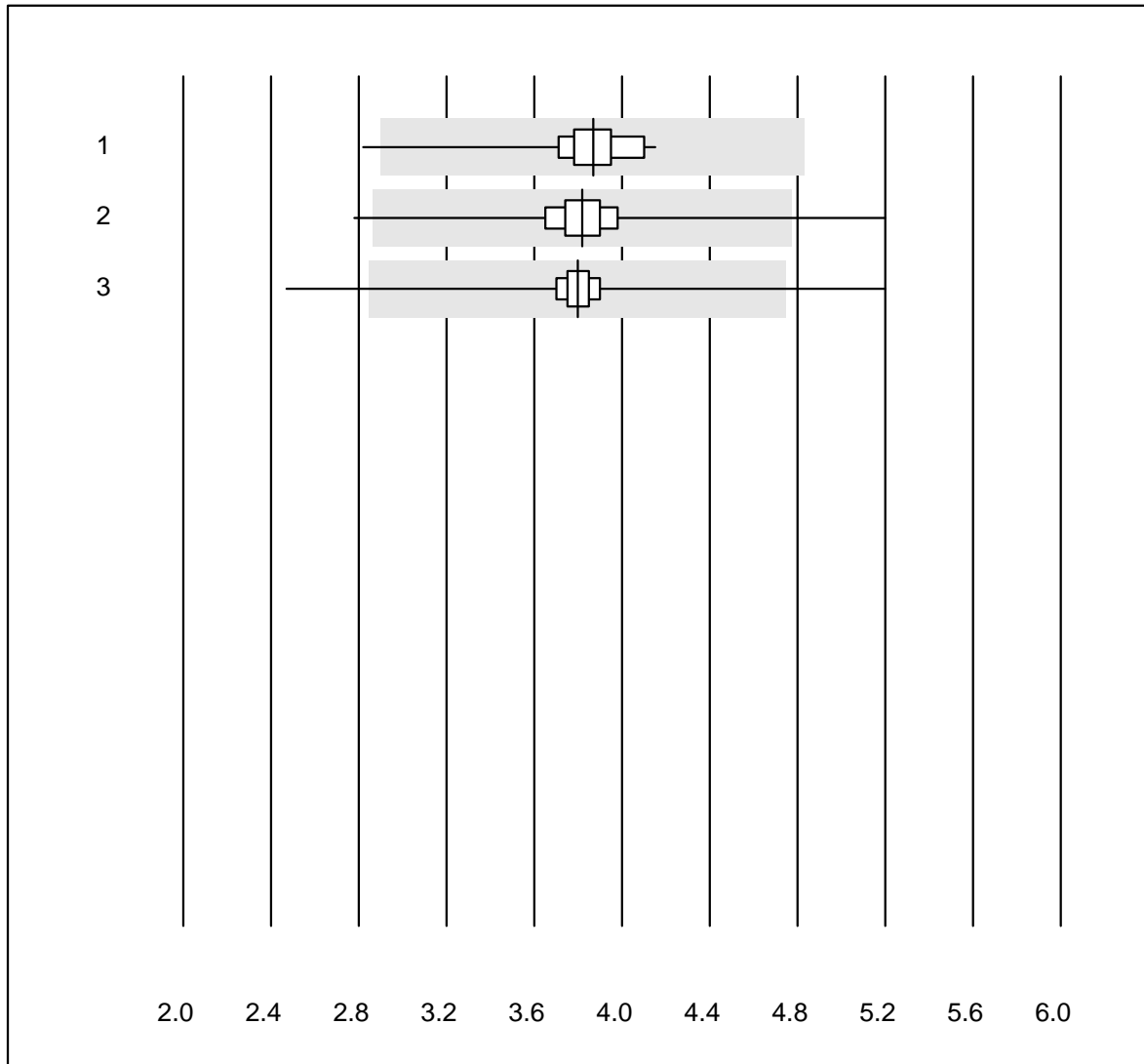
QUALAB Toleranz : 25 %

Thrombocytes H2 (G/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Z3	58	100.0	0.0	0.0	212.2	6.8	e
2 Abx Micros	137	87.6	4.4	8.0	197.3	10.7	e
3 Microsemi	765	95.3	2.0	2.7	202.8	8.1	e



## Erythrocytes H2

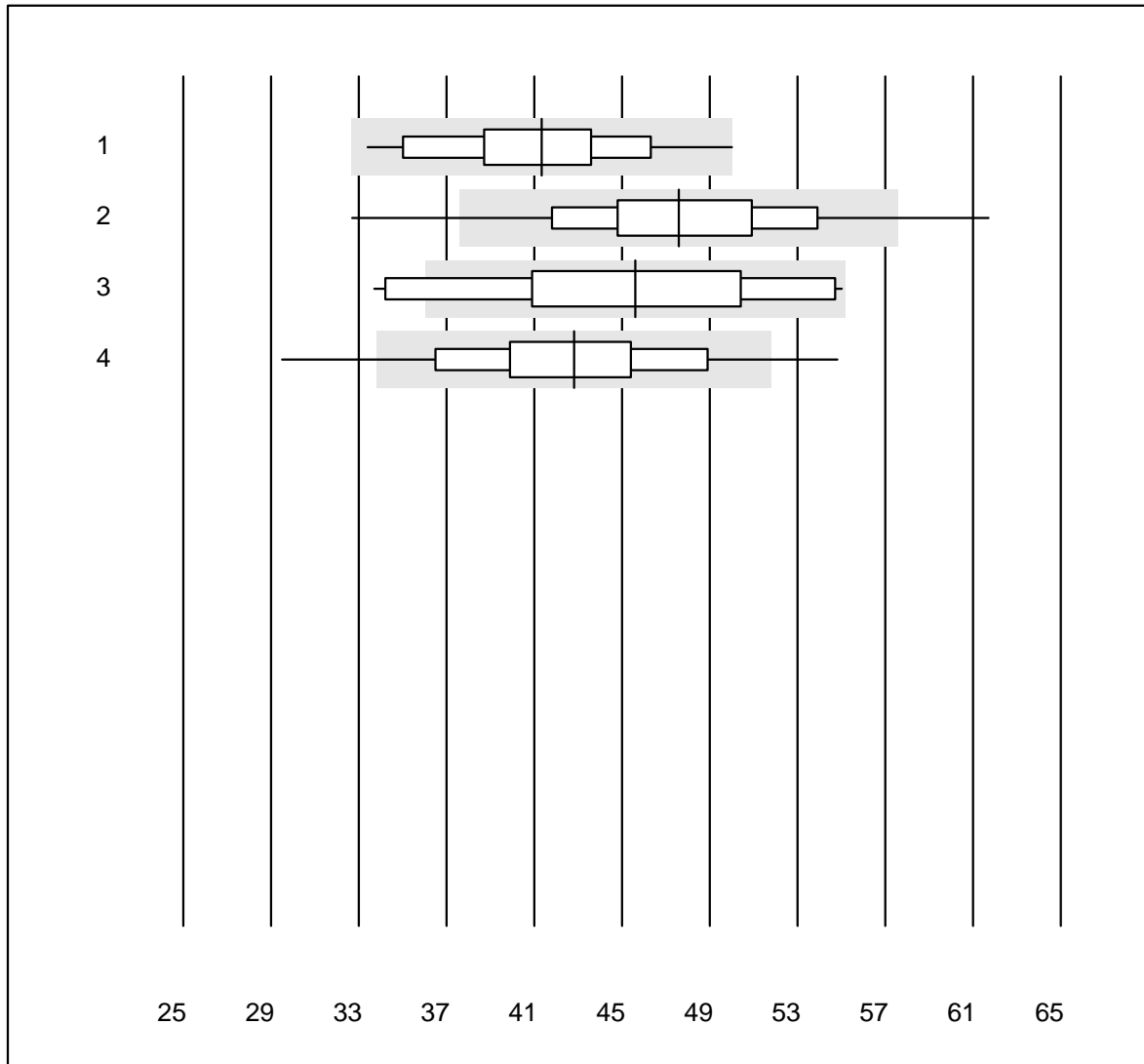


QUALAB Toleranz : 25 %

Erythrocytes H2 (T/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Z3	58	98.3	1.7	0.0	3.87	4.9	e
2 Abx Micros	136	94.1	1.5	4.4	3.82	6.0	e
3 Microsemi	764	95.3	0.9	3.8	3.80	4.6	e

## CRP H2

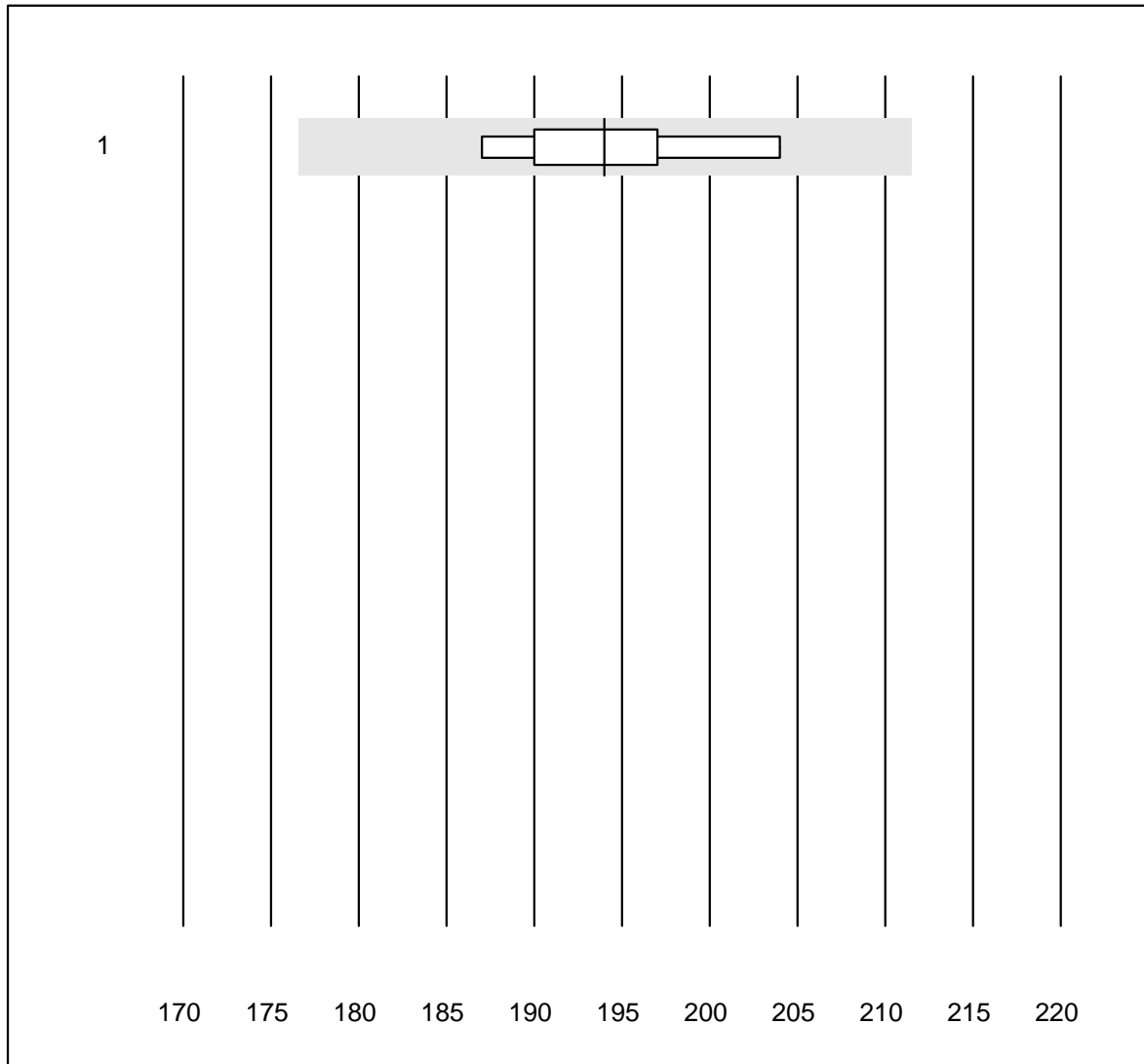


QUALAB Toleranz : 21 %

CRP H2 (mg/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Z3	51	94.1	0.0	5.9	41.3	9.7	e
2 Microsemi	754	92.8	4.0	3.2	47.6	10.0	e
3 Abx Micros	17	88.2	11.8	0.0	45.6	14.7	e*
4 ABX Micros CRP200	116	88.8	8.6	2.6	42.8	11.4	e

## Hemoglobin BG

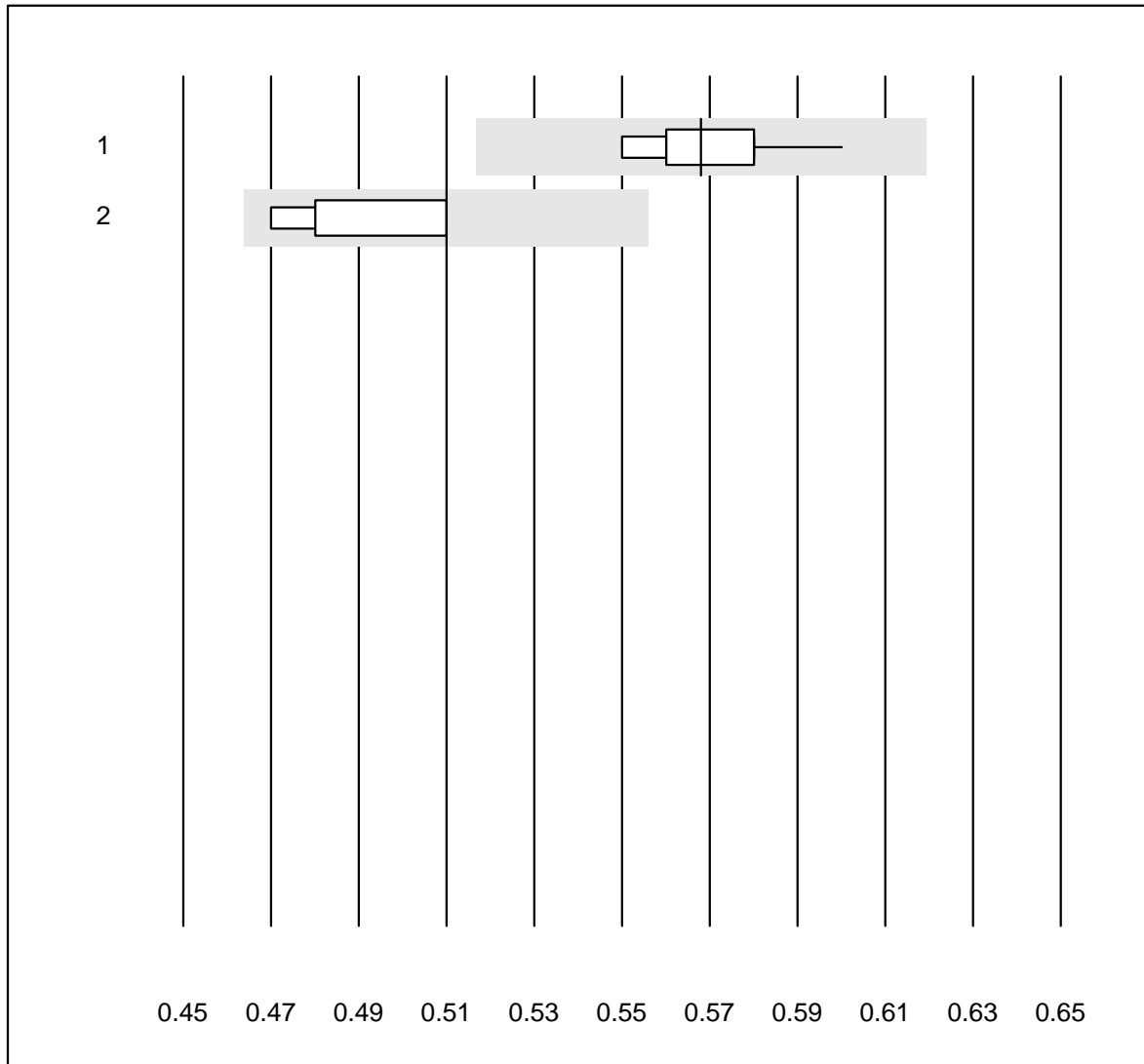


QUALAB Toleranz : 9 %

Hemoglobin BG (g/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 iStat	5	100.0	0.0	0.0	194.0	3.4	e*

# Hematocrit

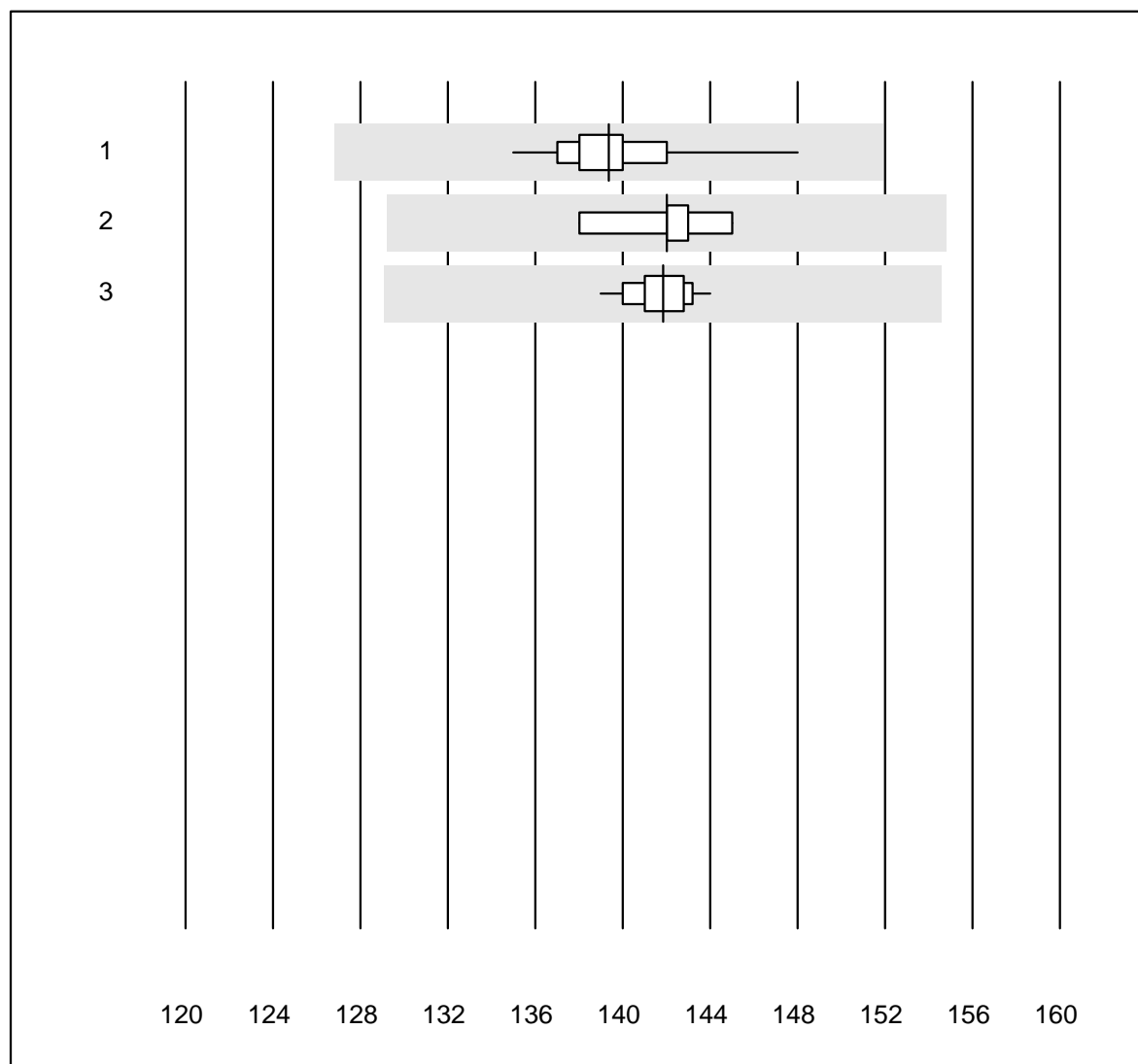


QUALAB Toleranz : 9 %

Hematocrit (l/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 iStat	10	100.0	0.0	0.0	0.57	2.7	e
2 EPOC	8	100.0	0.0	0.0	0.51	3.2	e*

# Hemoglobin

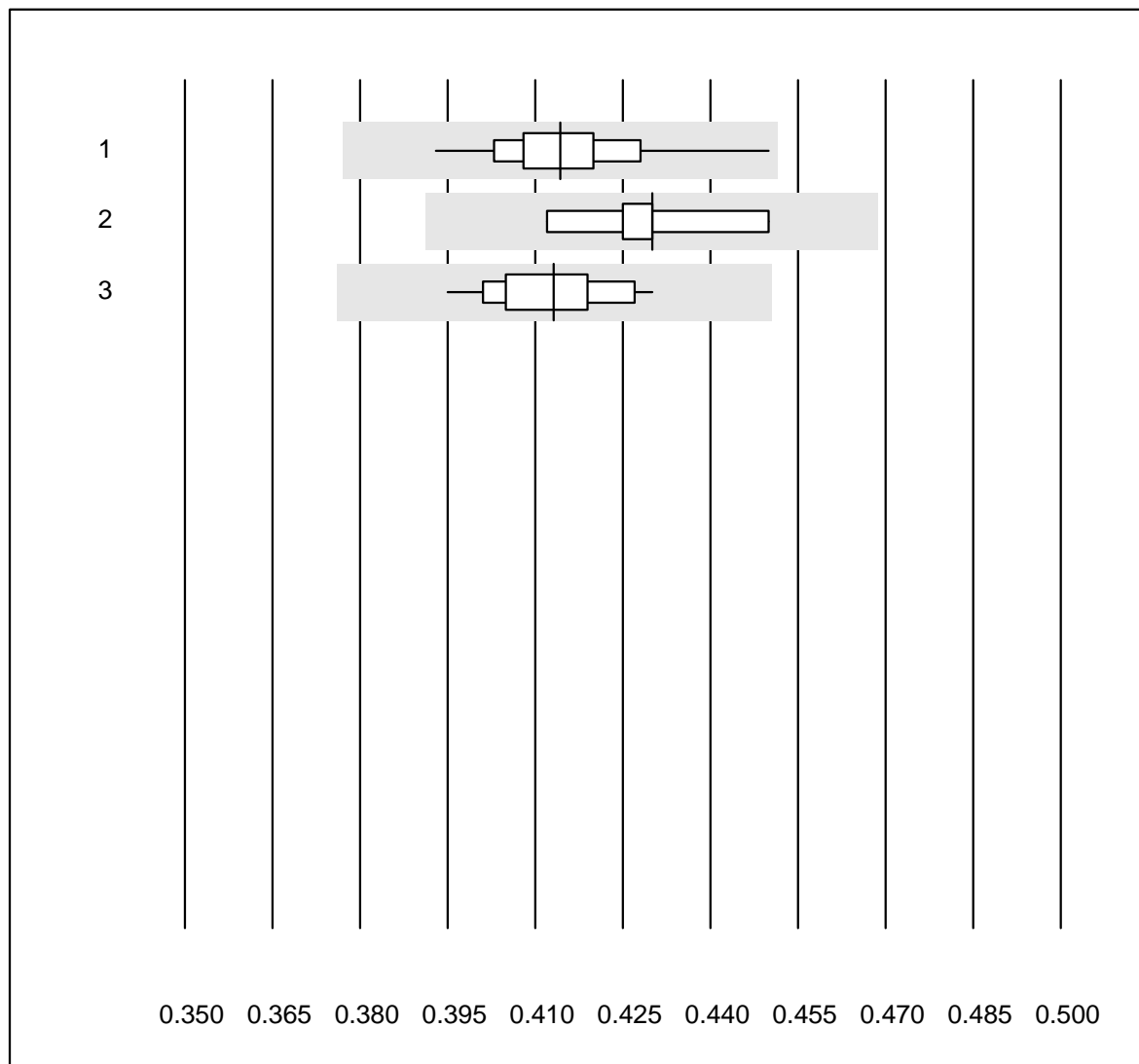


QUALAB Toleranz : 9 %

Hemoglobin (g/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Sysmex	72	100.0	0.0	0.0	139.3	1.6	e
2 Advia	5	100.0	0.0	0.0	142.0	1.8	e
3 Yumizen/Pentra	12	100.0	0.0	0.0	141.8	1.0	e

## Hematocrit

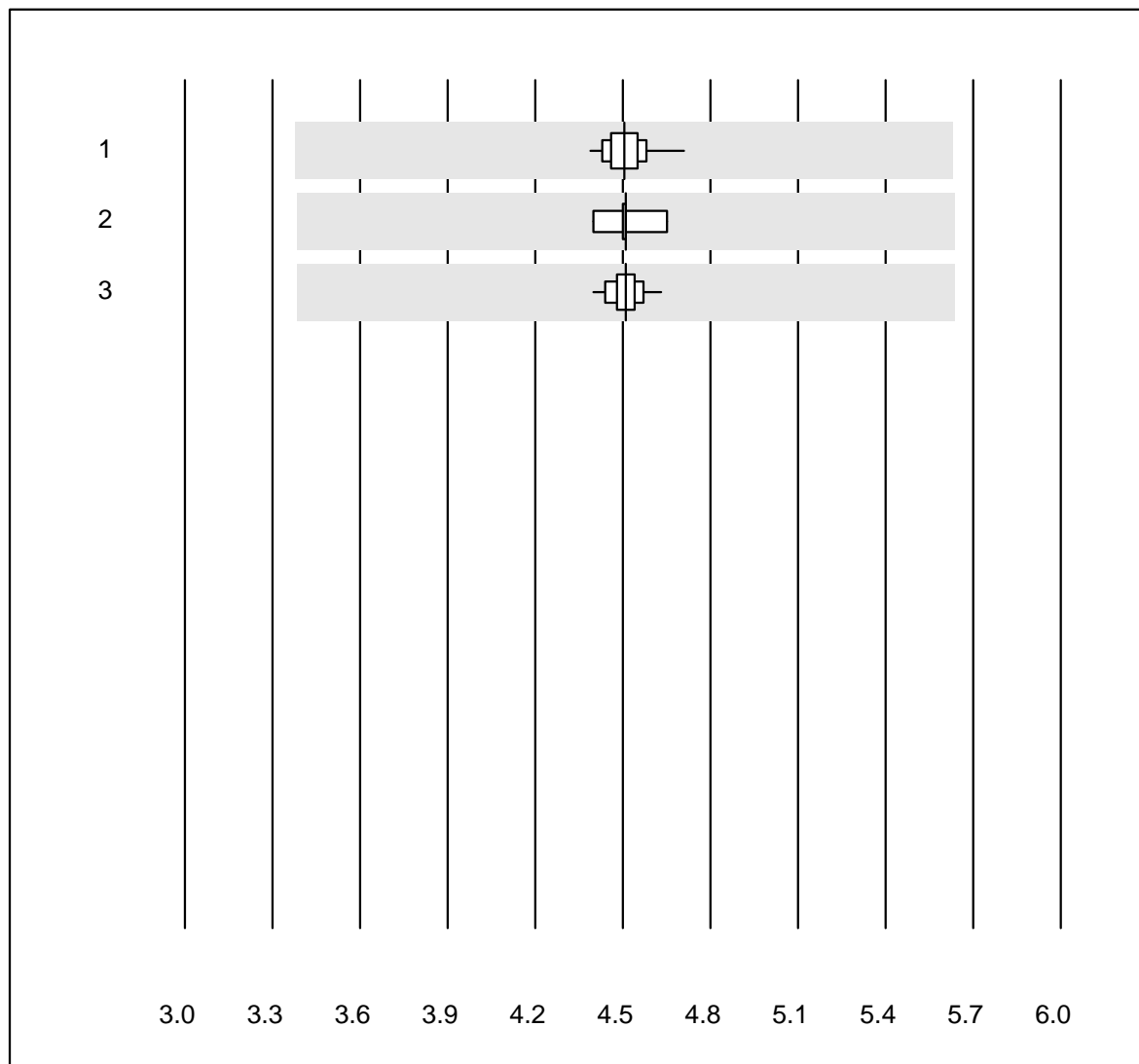


QUALAB Toleranz : 9 %

Hematocrit (l/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Sysmex	72	98.6	0.0	1.4	0.41	2.4	e
2 Advia	5	100.0	0.0	0.0	0.43	3.2	e*
3 Yumizen/Pentra	12	100.0	0.0	0.0	0.41	2.6	e

# Erythrocytes

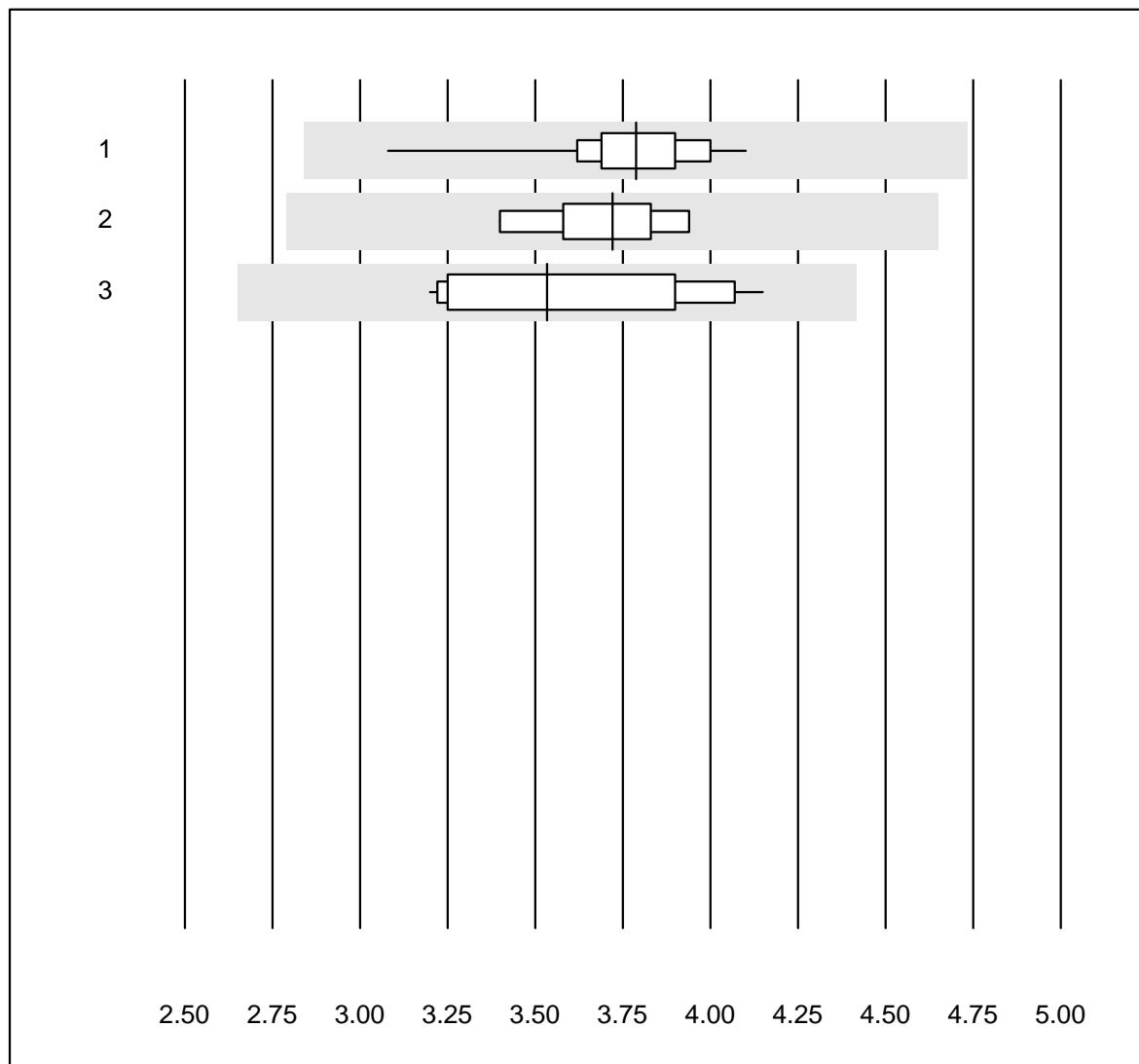


QUALAB Toleranz : 25 %

Erythrocytes (T/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Sysmex	72	100.0	0.0	0.0	4.50	1.5	e
2 Advia	5	100.0	0.0	0.0	4.51	2.0	e
3 Yumizen/Pentra	12	100.0	0.0	0.0	4.51	1.3	e

# Leucocytes



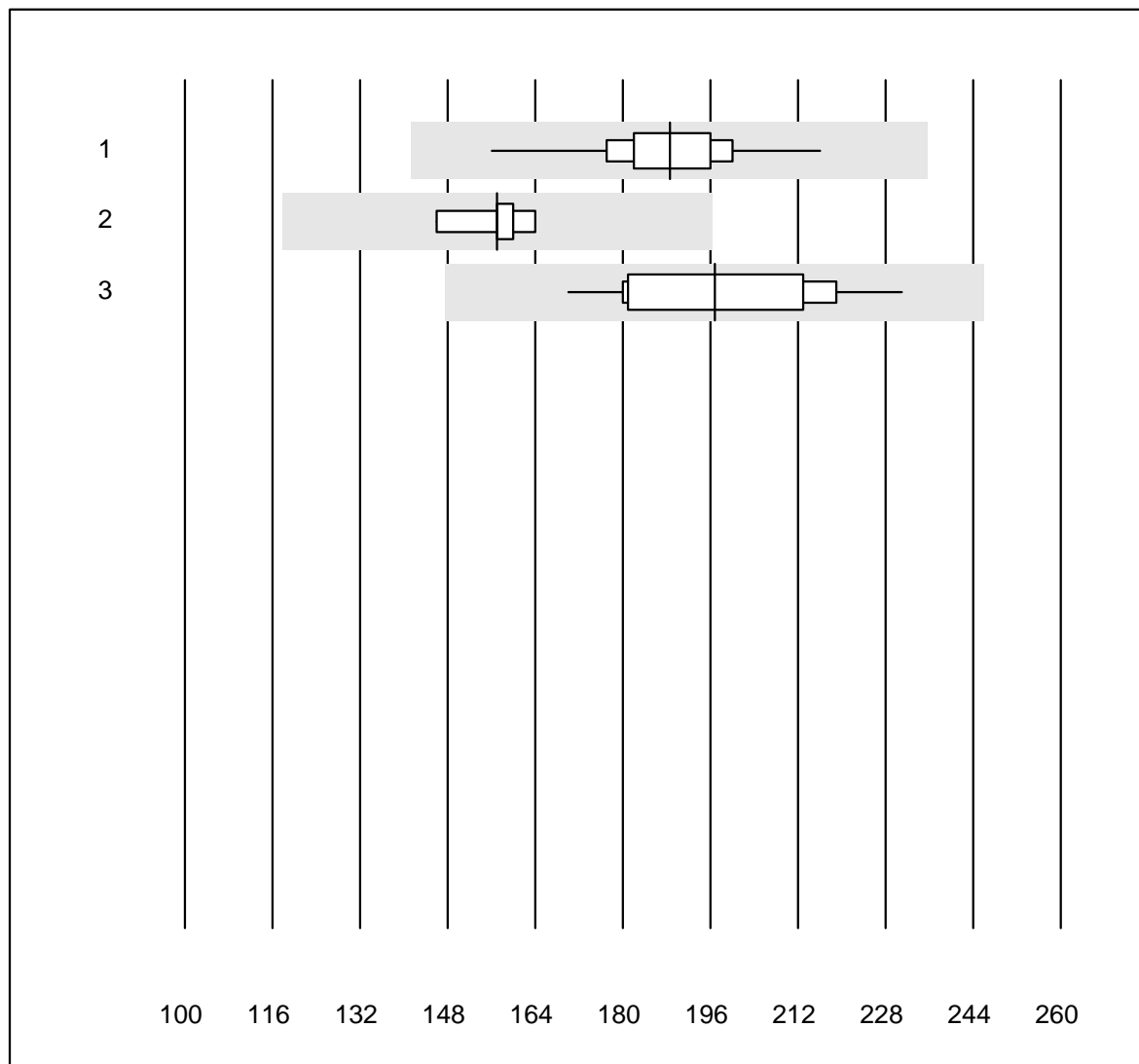
QUALAB Toleranz : 25 %

Leucocytes (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	71	100.0	0.0	0.0	3.79	4.4	e
2	Advia	5	100.0	0.0	0.0	3.72	5.7	e
3	Yumizen/Pentra	12	91.7	0.0	8.3	3.53	9.9	e



## Thrombocytes

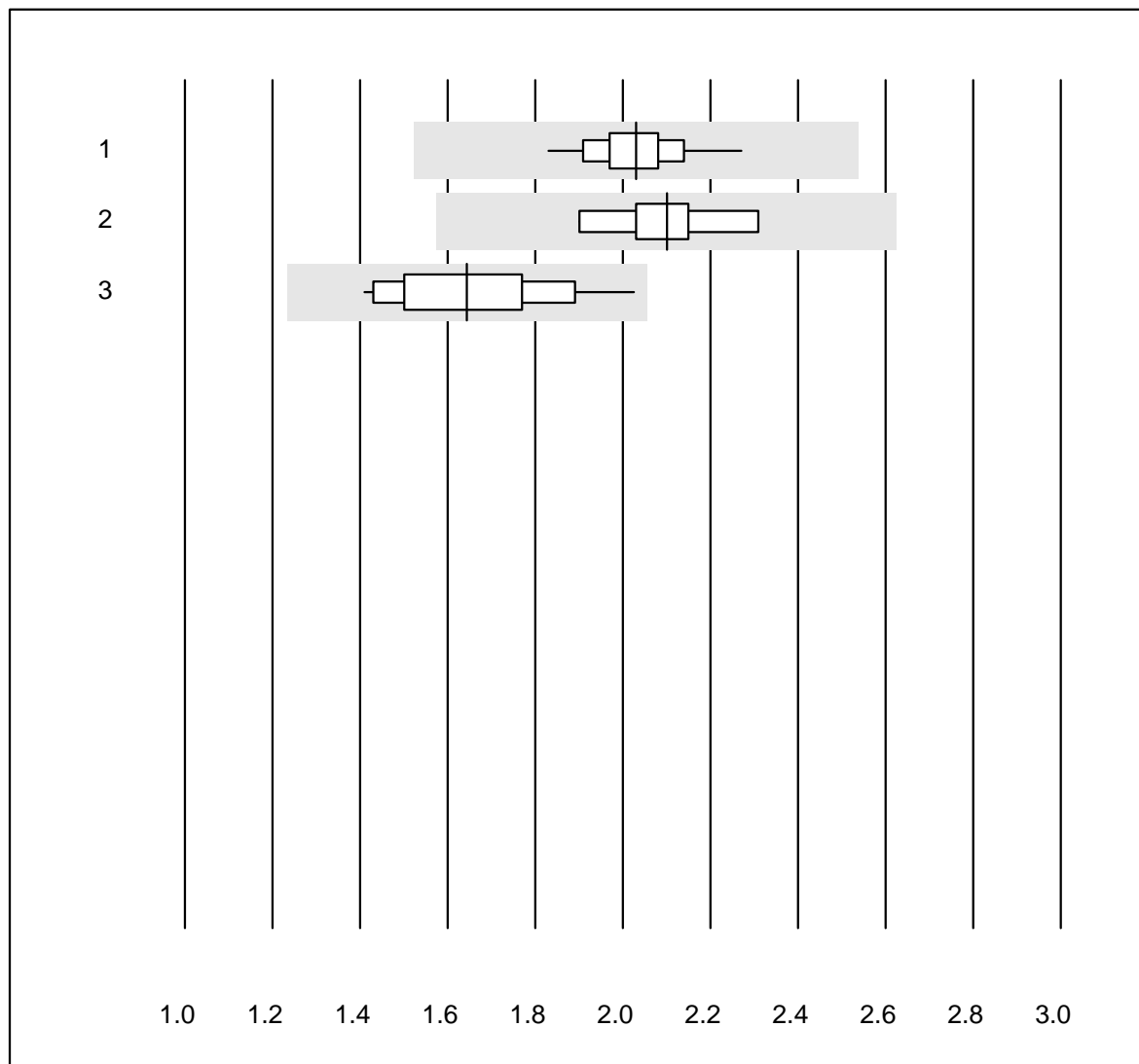


QUALAB Toleranz : 25 %

Thrombocytes (G/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Sysmex	72	100.0	0.0	0.0	188.6	5.7	e
2 Advia	5	100.0	0.0	0.0	157.0	4.3	e
3 Yumizen/Pentra	12	100.0	0.0	0.0	196.8	9.6	e

## Neutrophils

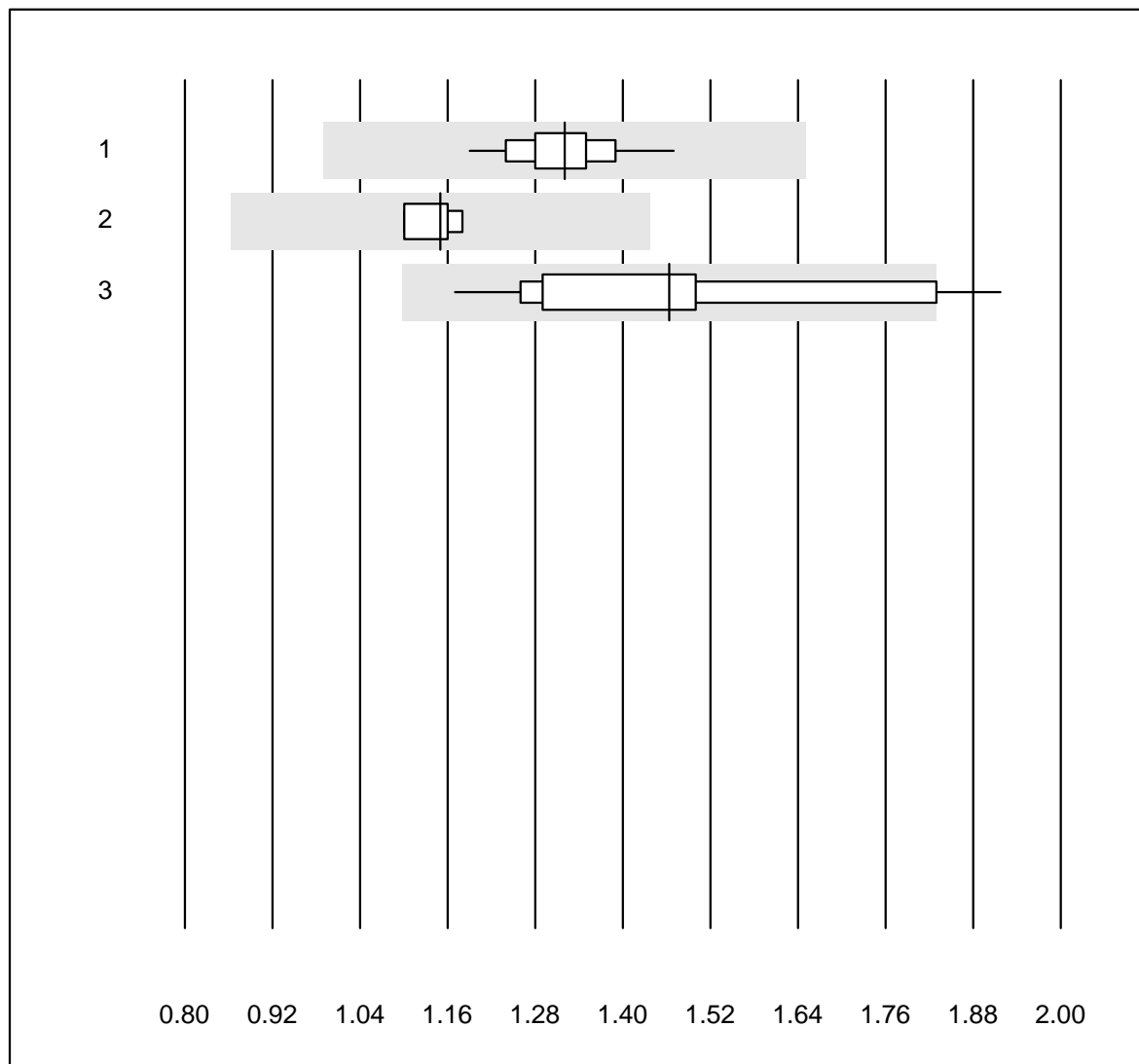


MQ tolerance : 25 %

Neutrophils (G/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Sysmex	72	98.6	0.0	1.4	2.03	4.4	e
2 Advia	5	100.0	0.0	0.0	2.10	7.2	e*
3 Yumizen/Pentra	12	91.7	0.0	8.3	1.64	11.7	e*

# Lymphocytes

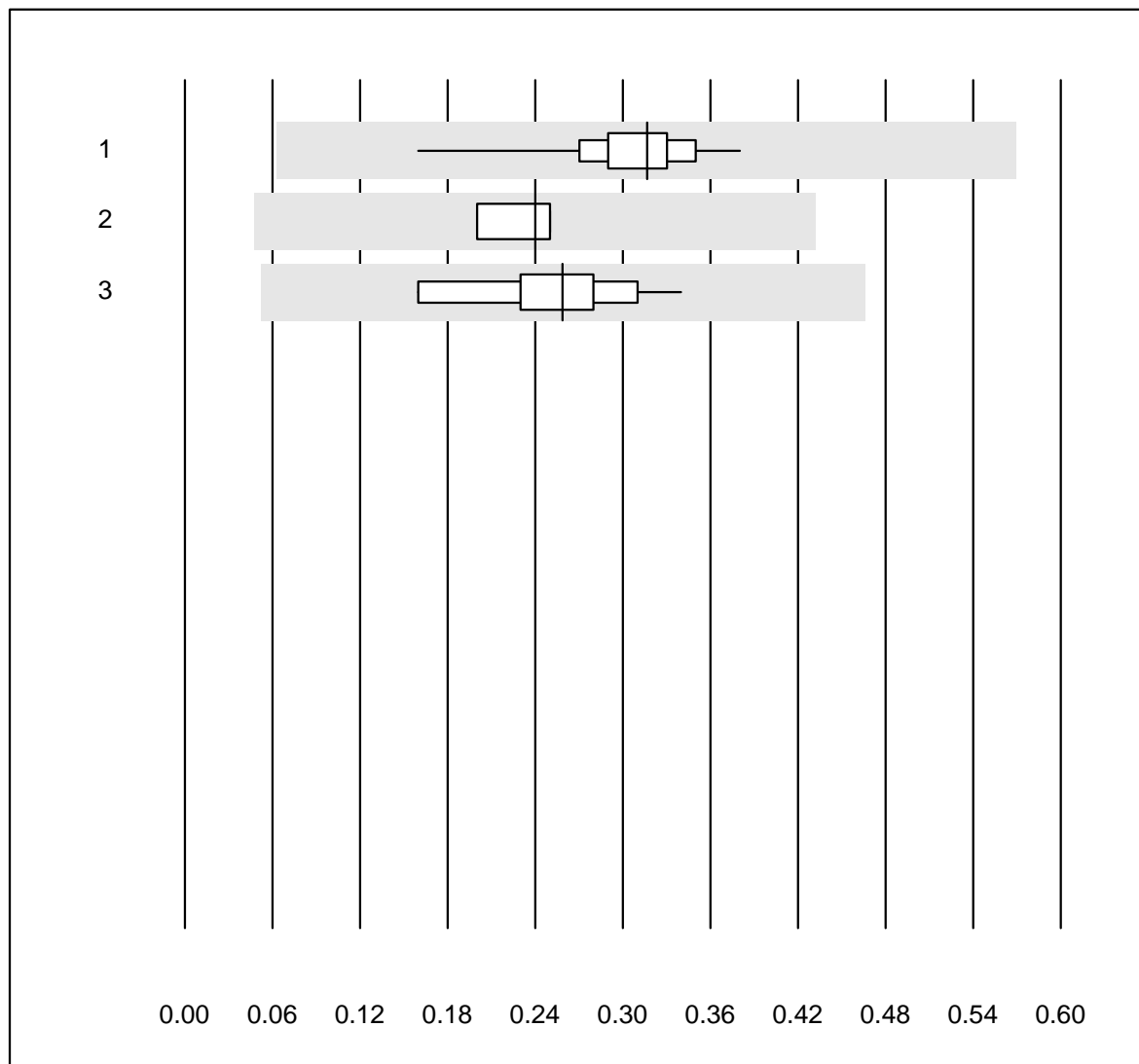


MQ tolerance : 25 %

Lymphocytes (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	72	100.0	0.0	0.0	1.32	4.5	e
2	Advia	5	100.0	0.0	0.0	1.15	3.2	e
3	Yumizen/Pentra	12	83.3	16.7	0.0	1.46	15.3	e*

## Monocytes

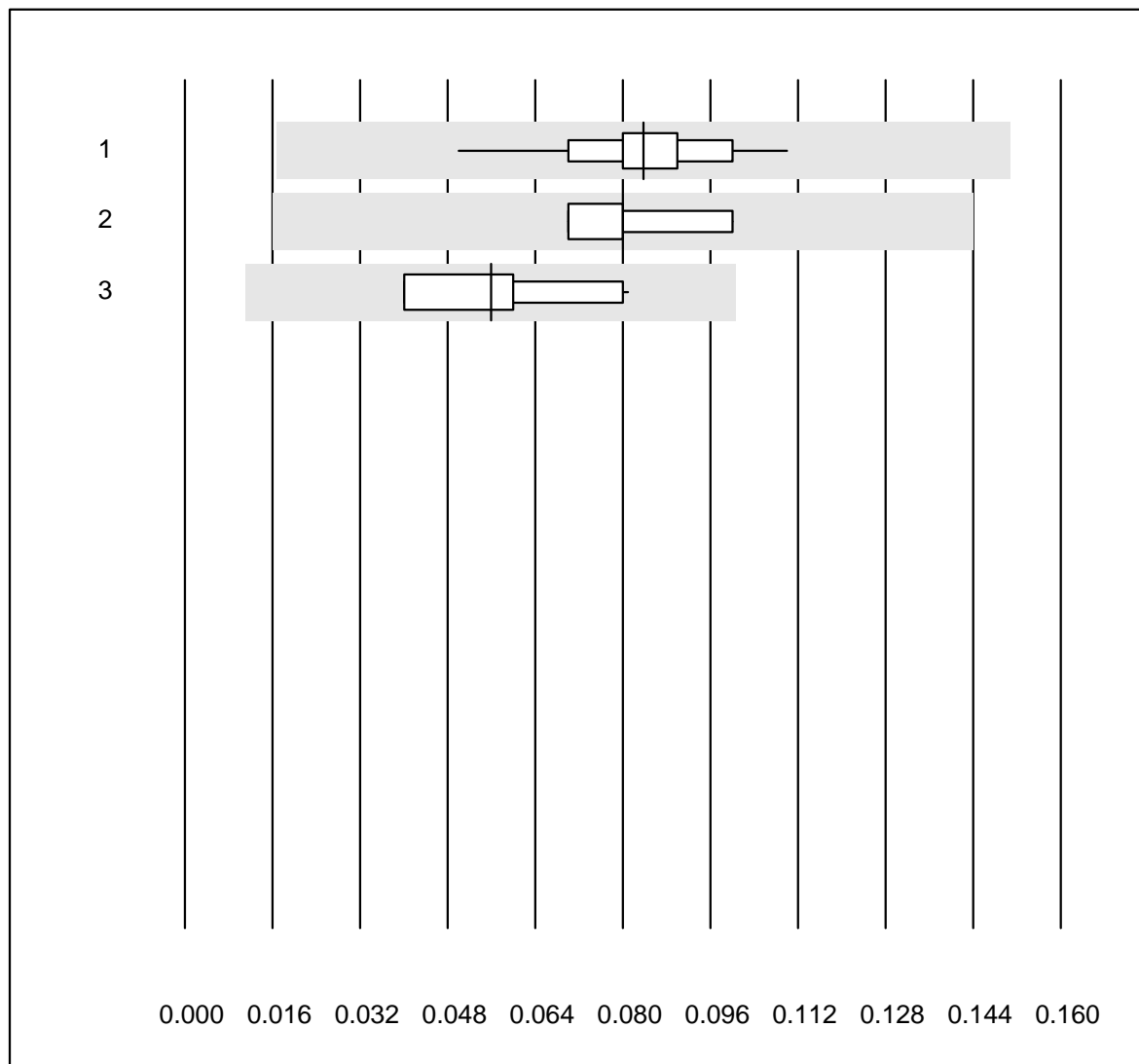


MQ tolerance : 40 %

Monocytes (G/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Sysmex	72	100.0	0.0	0.0	0.32	11.3	a
2 Advia	4	100.0	0.0	0.0	0.24	10.2	a
3 Yumizen/Pentra	11	90.9	0.0	9.1	0.26	19.2	a

## Eosinophils

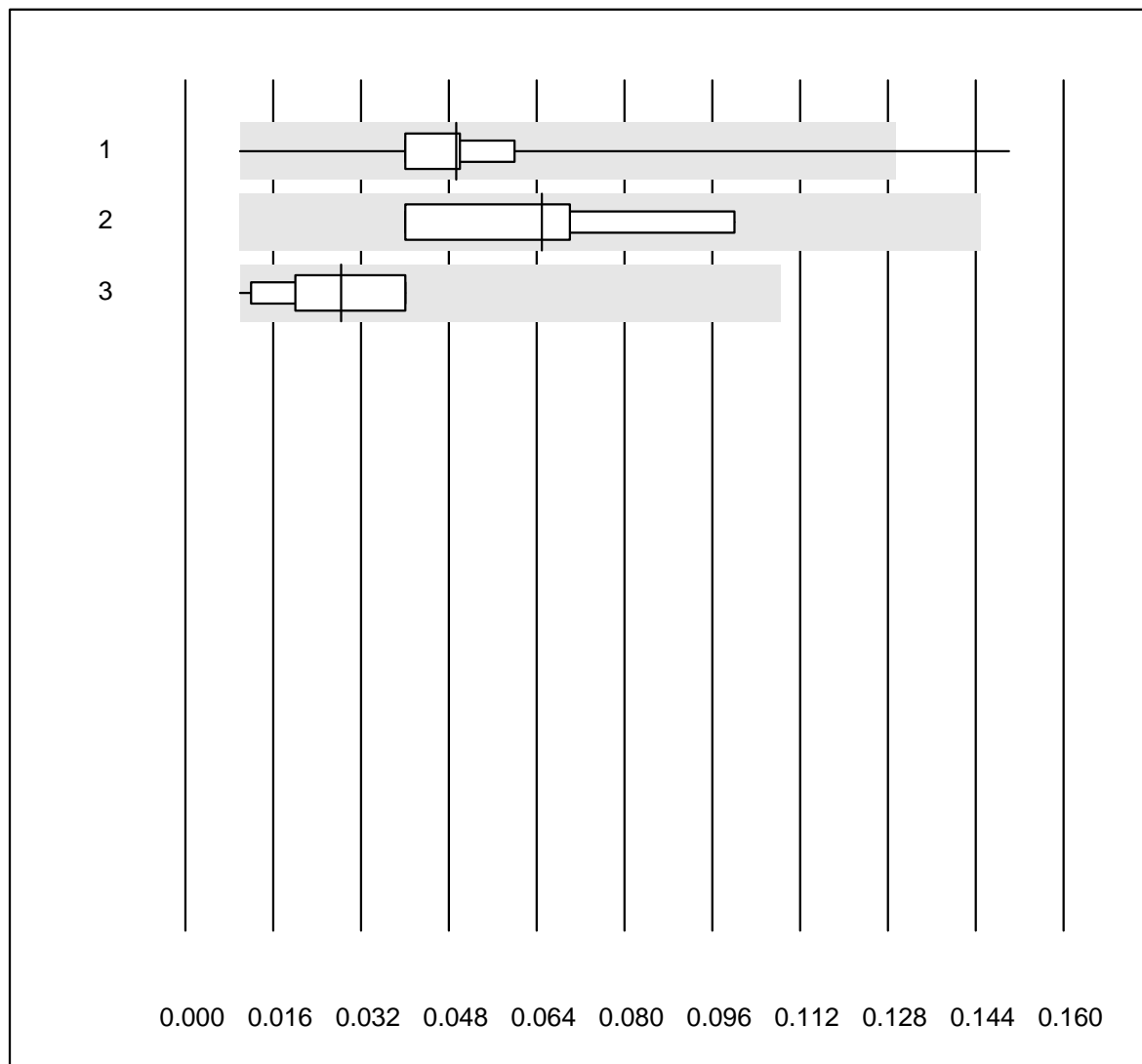


MQ tolerance : 80 %

Eosinophils (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	72	98.6	0.0	1.4	0.08	14.5	e
2	Advia	5	100.0	0.0	0.0	0.08	15.3	e
3	Yumizen/Pentra	12	100.0	0.0	0.0	0.06	26.1	e

## Basophiles

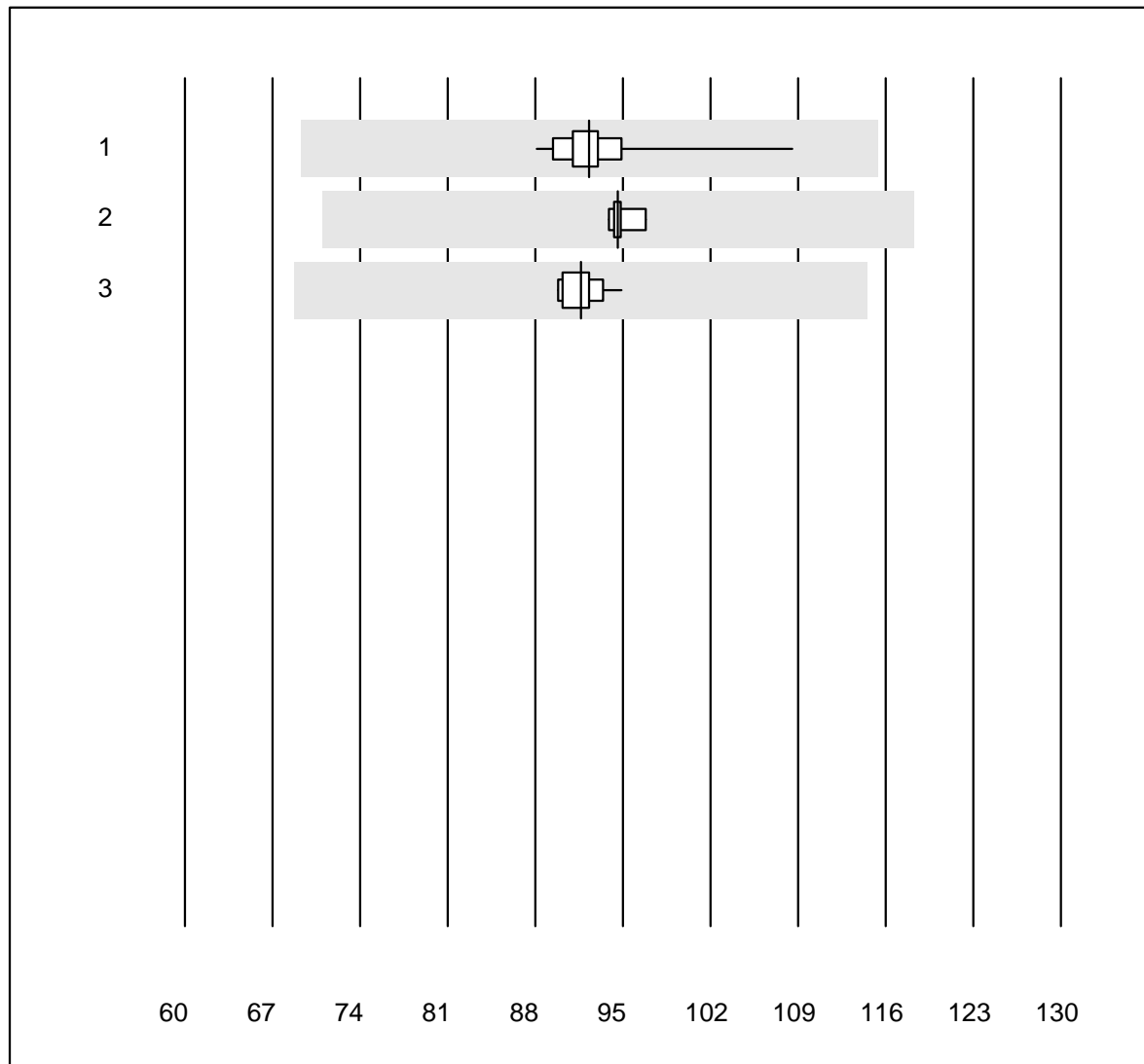


MQ tolerance : 80 %  
 (< 0.10: +/- 0.08 G/l)

Basophiles (G/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	72	98.6	1.4	0.0	0.05	35.1	e
2	Advia	4	100.0	0.0	0.0	0.07	37.0	e*
3	Yumizen/Pentra	12	91.7	0.0	8.3	0.03	36.9	e*

# MCV

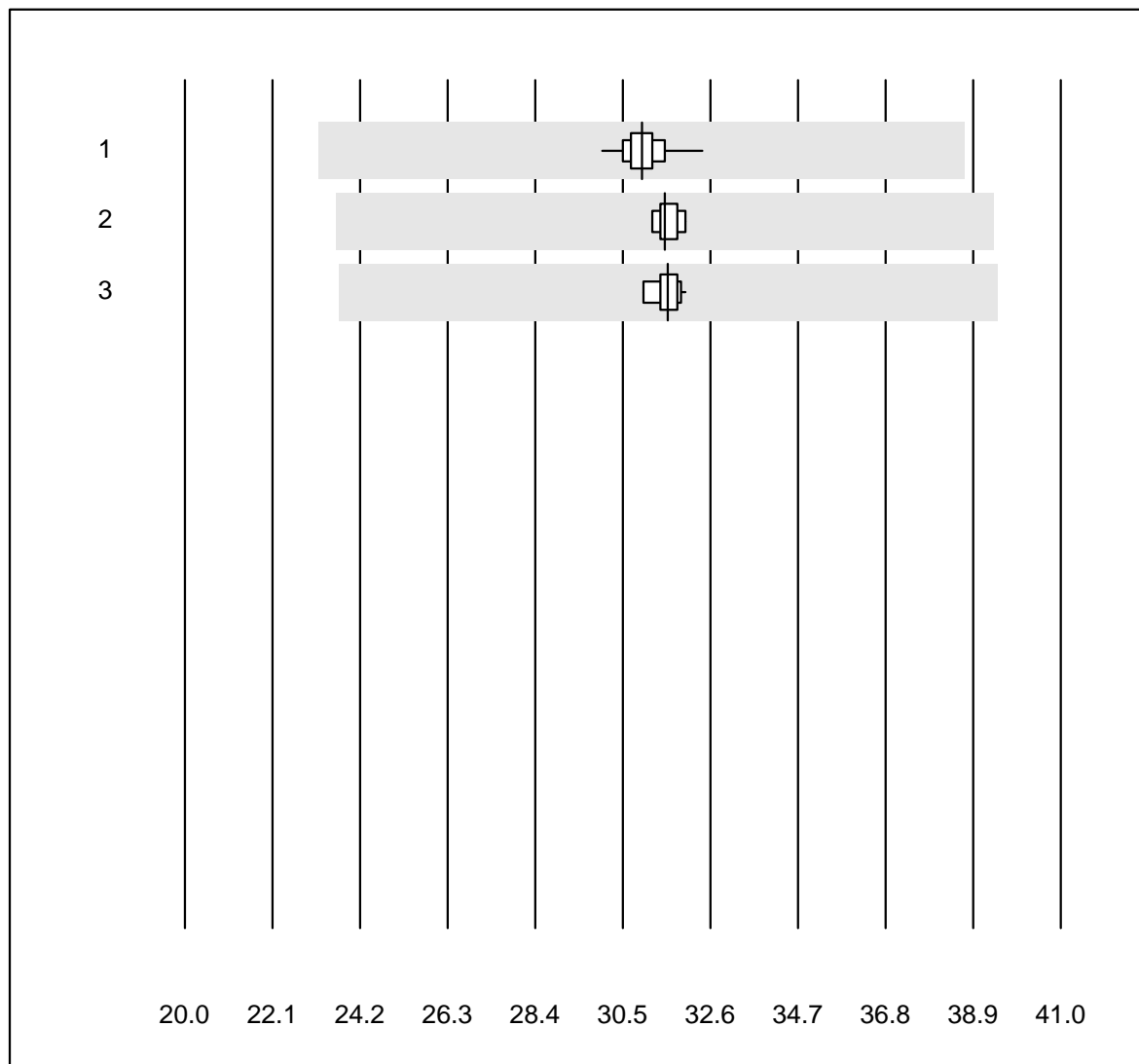


MQ tolerance : 25 %

MCV (fl)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	65	100.0	0.0	0.0	92.3	3.1	e
2	Advia	5	100.0	0.0	0.0	94.6	1.2	e
3	Yumizen/Pentra	10	100.0	0.0	0.0	91.6	1.8	e

# MCH



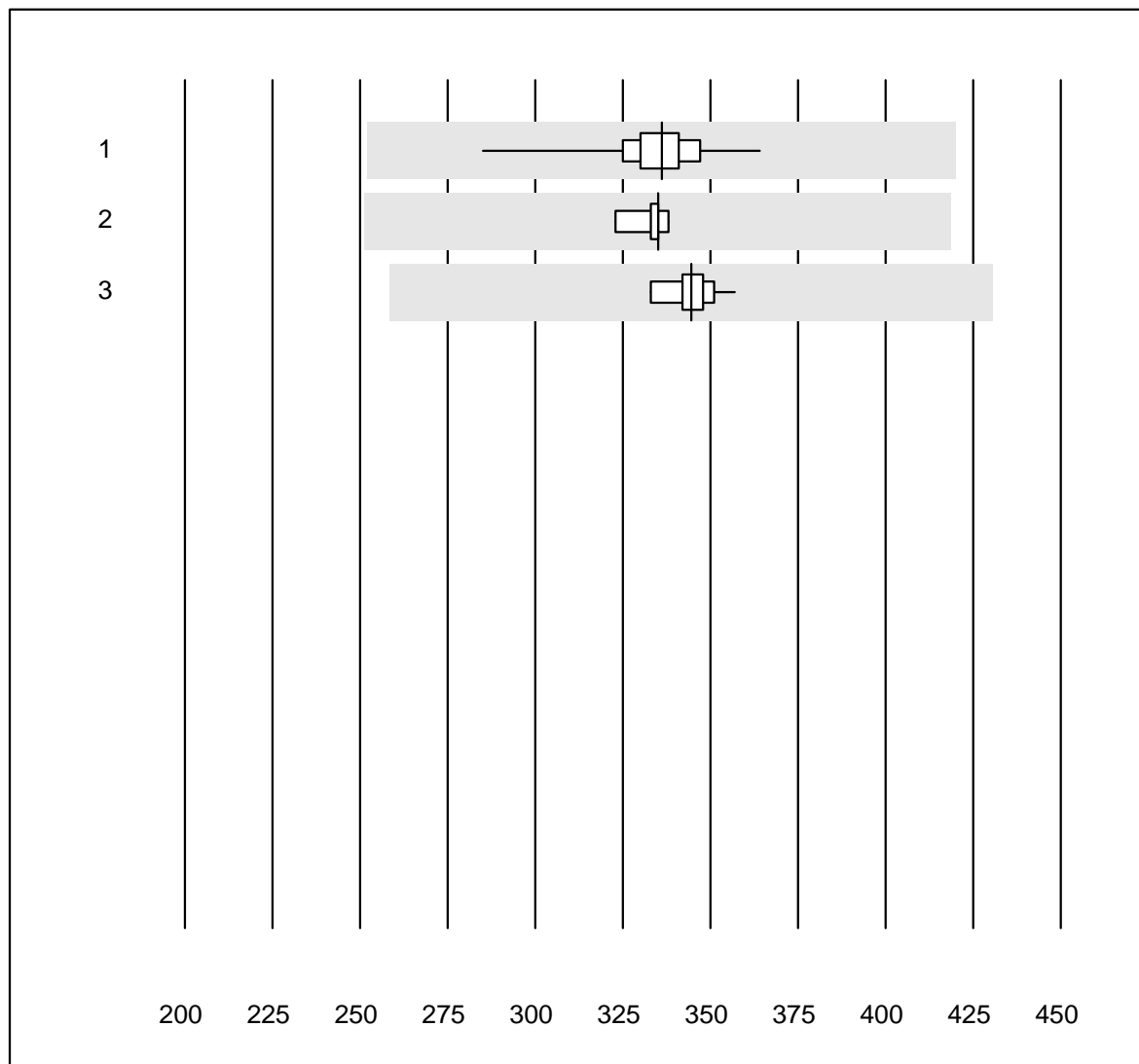
MQ tolerance : 25 %

MCH (pg)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Sysmex	64	100.0	0.0	0.0	31.0	1.3	e
2 Advia	5	100.0	0.0	0.0	31.5	1.0	e
3 Yumizen/Pentra	10	100.0	0.0	0.0	31.6	1.0	e



# MCHC

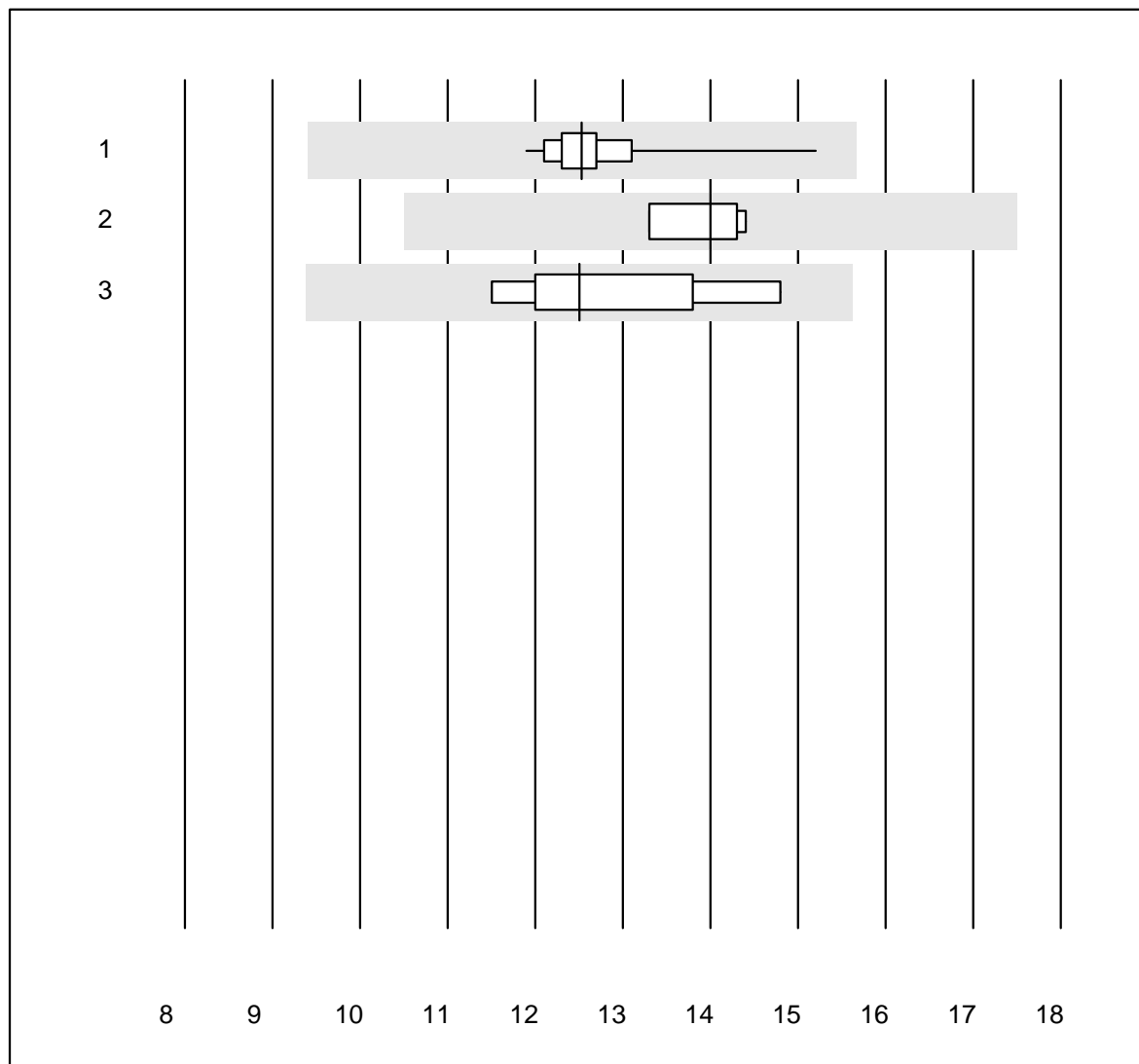


MQ tolerance : 25 %

MCHC (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Sysmex	65	98.5	0.0	1.5	336	3.4	e
2	Advia	5	100.0	0.0	0.0	335	1.7	e
3	Yumizen/Pentra	10	100.0	0.0	0.0	344	2.0	e

# RDW

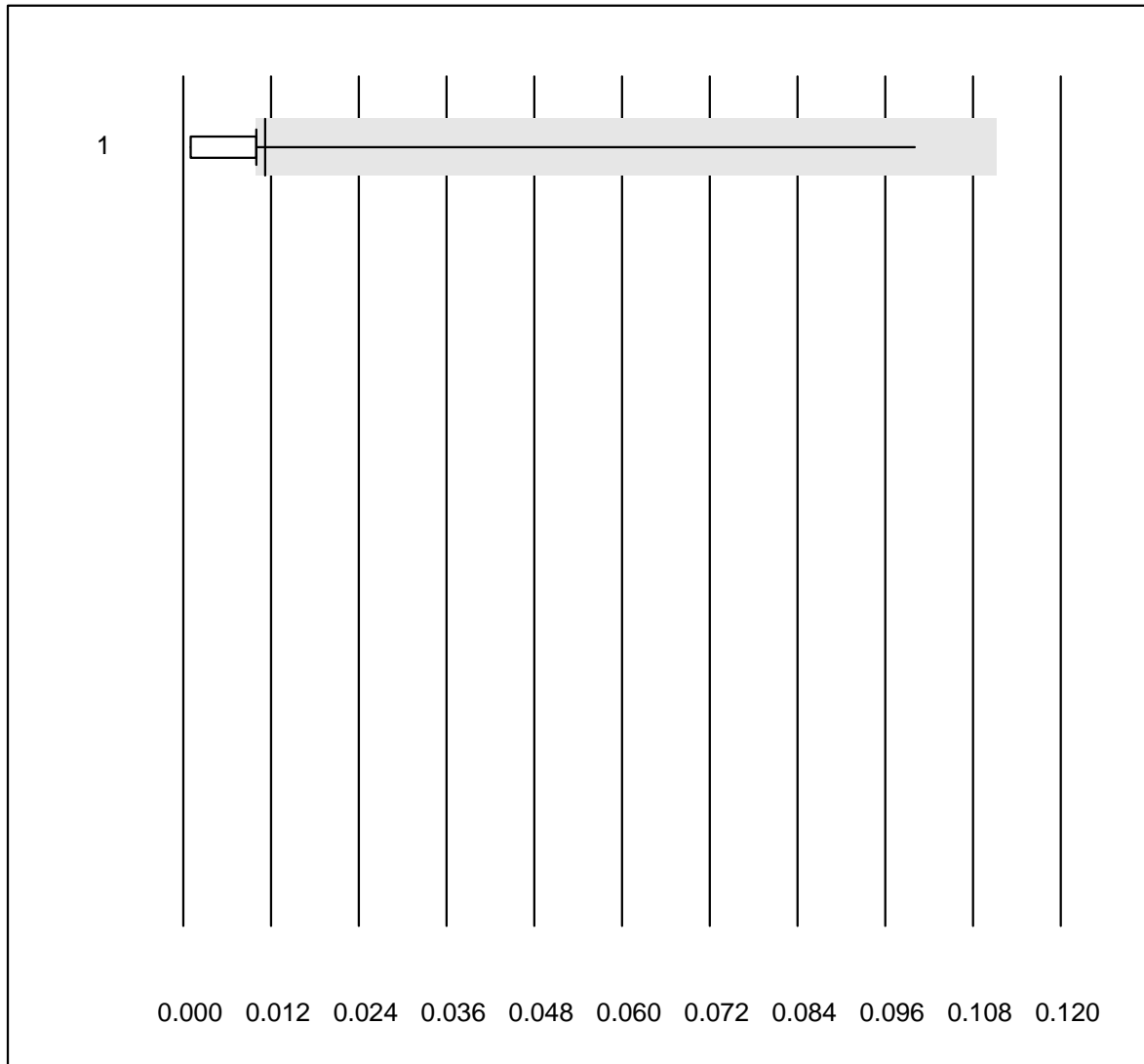


MQ tolerance : 25 %

RDW (%)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Sysmex	64	100.0	0.0	0.0	12.5	3.8	e
2 Advia	4	100.0	0.0	0.0	14.0	3.7	e
3 Yumizen/Pentra	9	100.0	0.0	0.0	12.5	8.9	e

## Immature Granulocytes

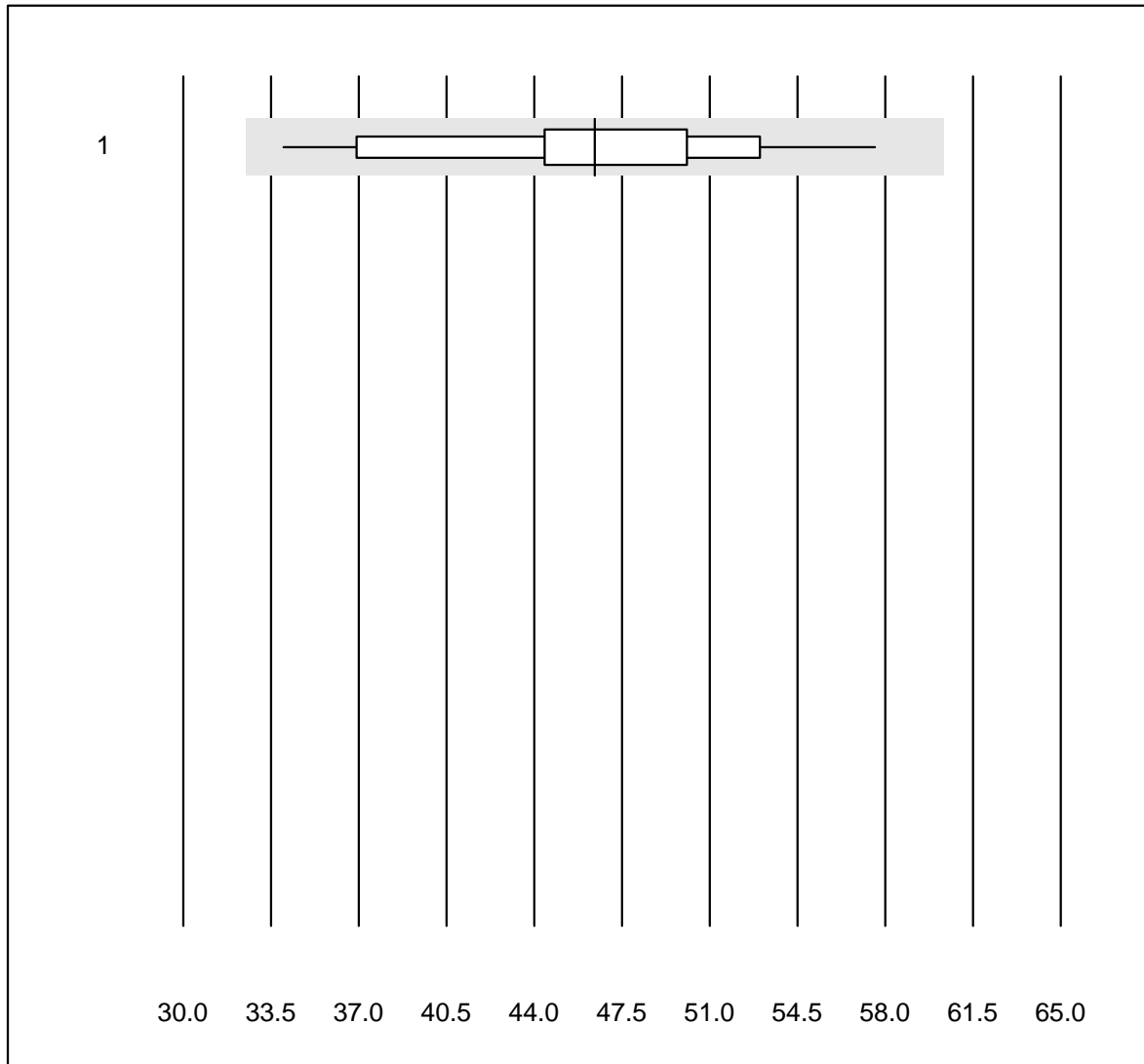


MQ tolerance : 25 %  
( < 0.10: +/- 0.10 G/l)

Immature Granulocytes (G/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Sysmex	41	97.6	0.0	2.4	0.01	134.5	e*

# Reticulocytes

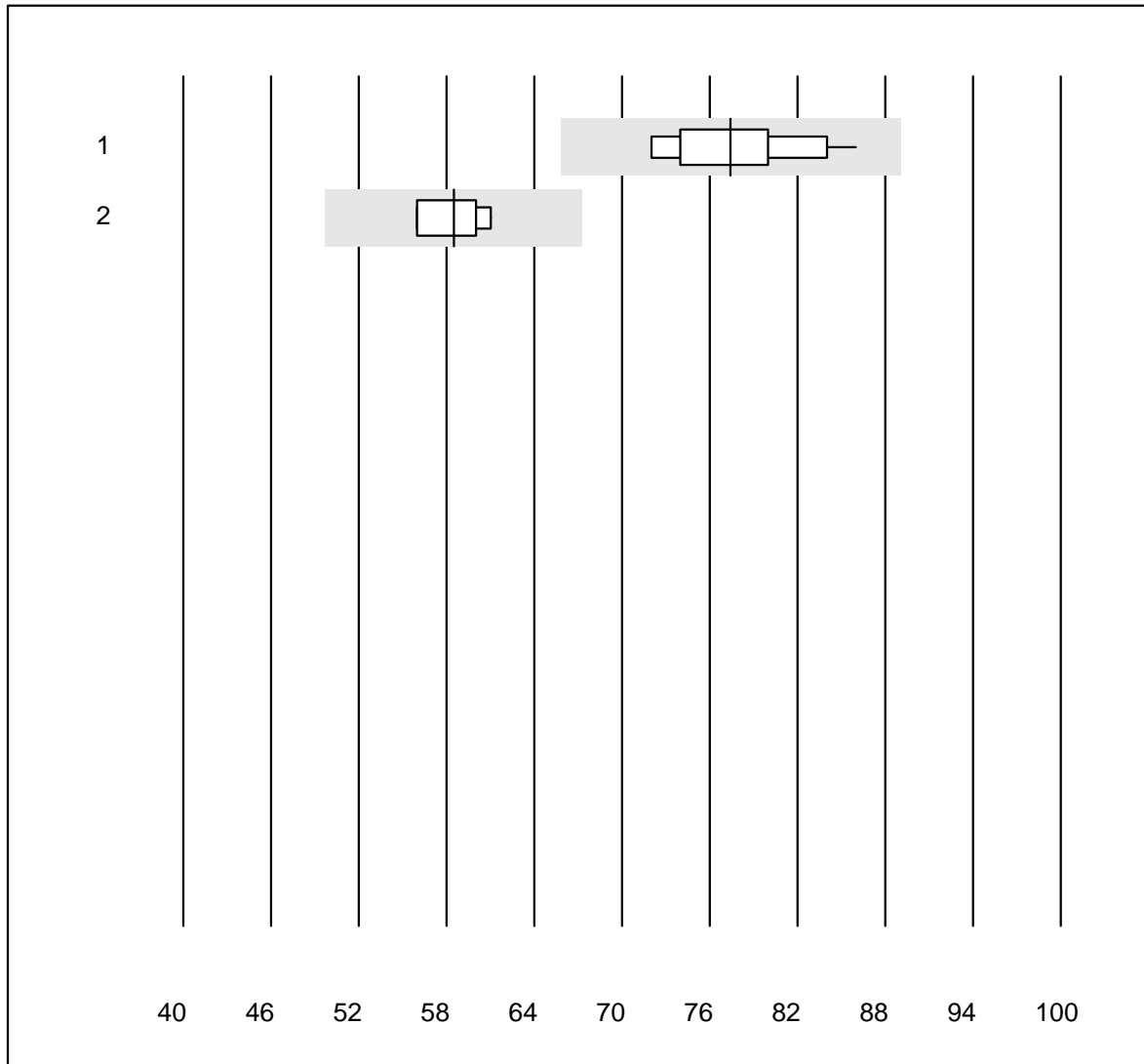


MQ tolerance : 30 %

Reticulocytes (G/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Sysmex	38	100.0	0.0	0.0	46.4	12.0	e

## Hämolyseindex Probe A

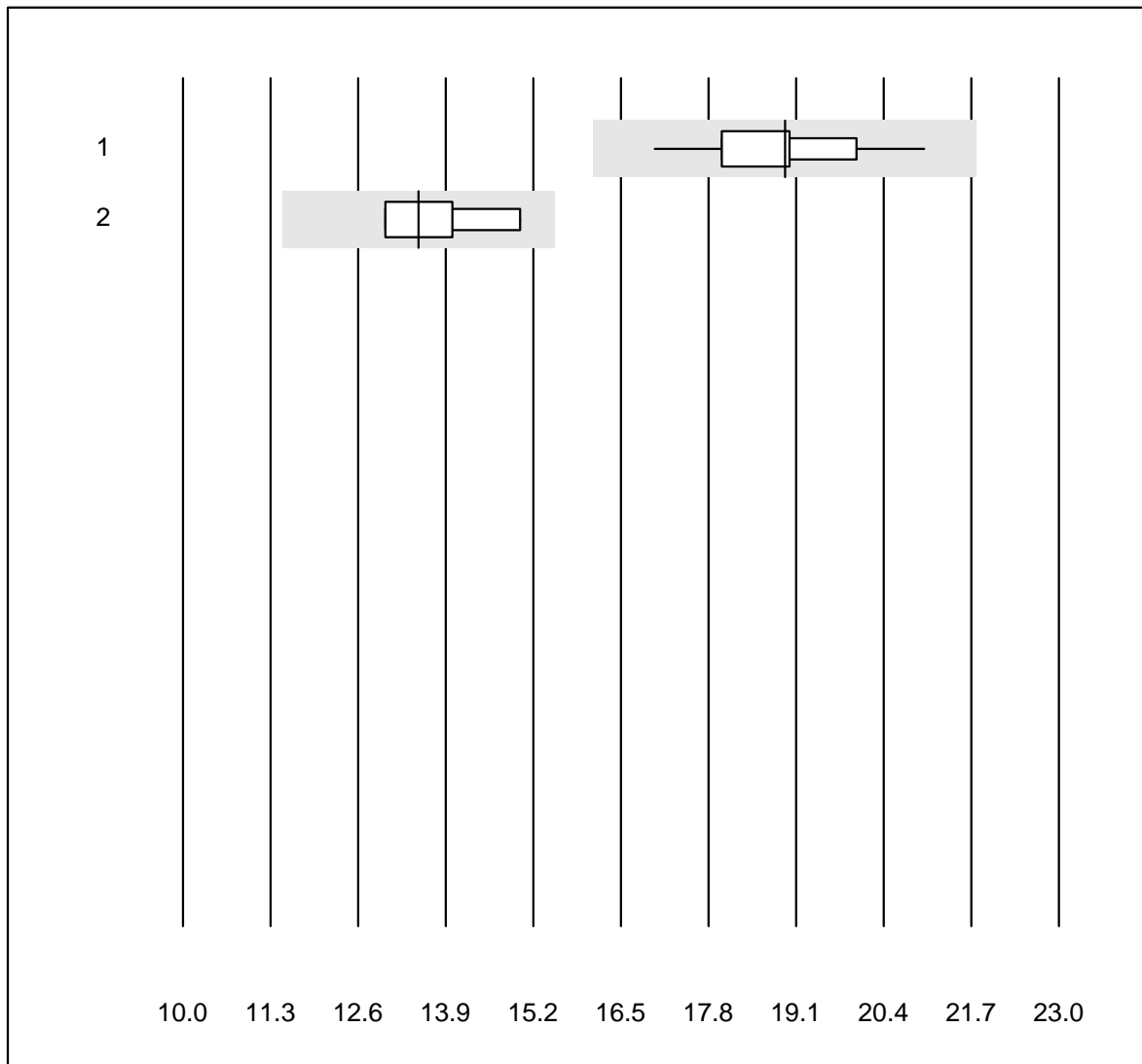


MQ tolerance : 15 %

Hämolyseindex Probe A ()

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	14	100.0	0.0	0.0	77.43	5.8	e
2 Architect	4	100.0	0.0	0.0	58.50	4.1	e*

## Hämolyseindex Probe B

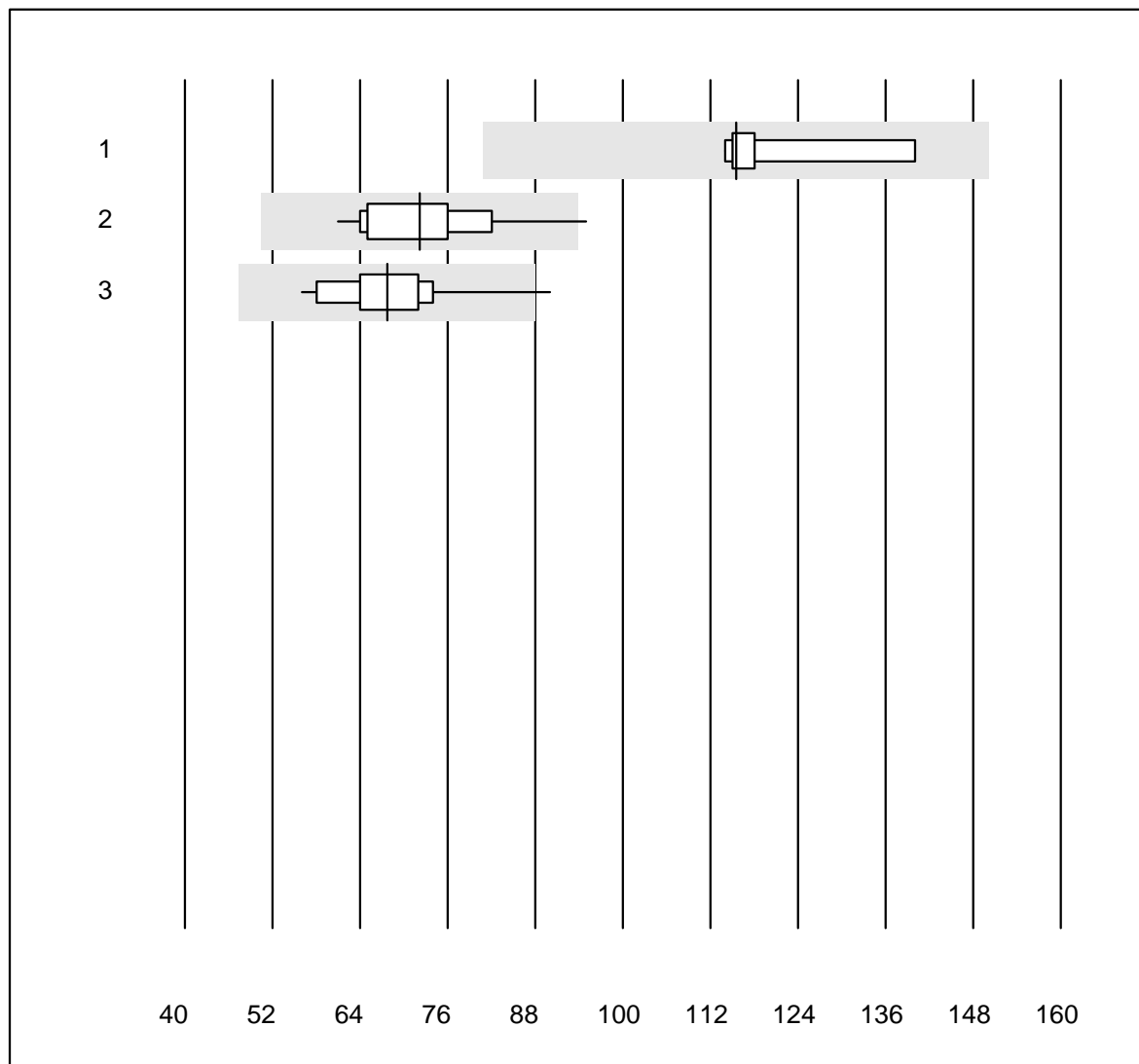


MQ tolerance : 15 %

Hämolyseindex Probe B ()

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	16	100.0	0.0	0.0	18.94	5.3	e
2 Architect	4	100.0	0.0	0.0	13.50	7.0	e*

## Erythrocyte sedimentation rate 1h

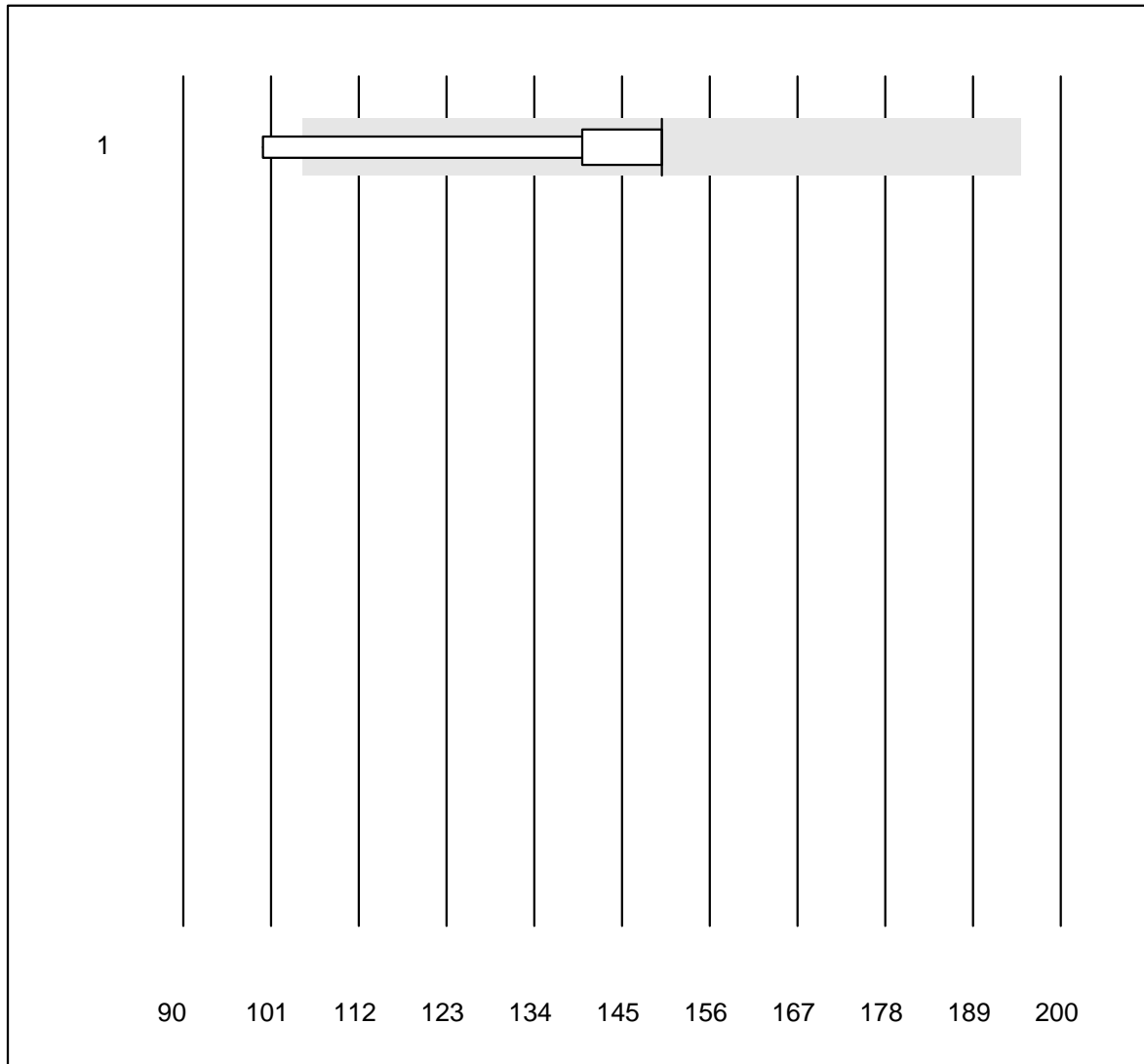


MQ tolerance : 30 %

Erythrocyte sedimentation rate 1h (mm/h)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	MINI-CUBE	6	100.0	0.0	0.0	116	8.4	e
2	Sarstedt Sedivette	12	91.7	8.3	0.0	72	13.1	e*
3	BD Seditainer	35	94.2	2.9	2.9	68	10.7	e

## Erythrocyte sedimentation rate 2h



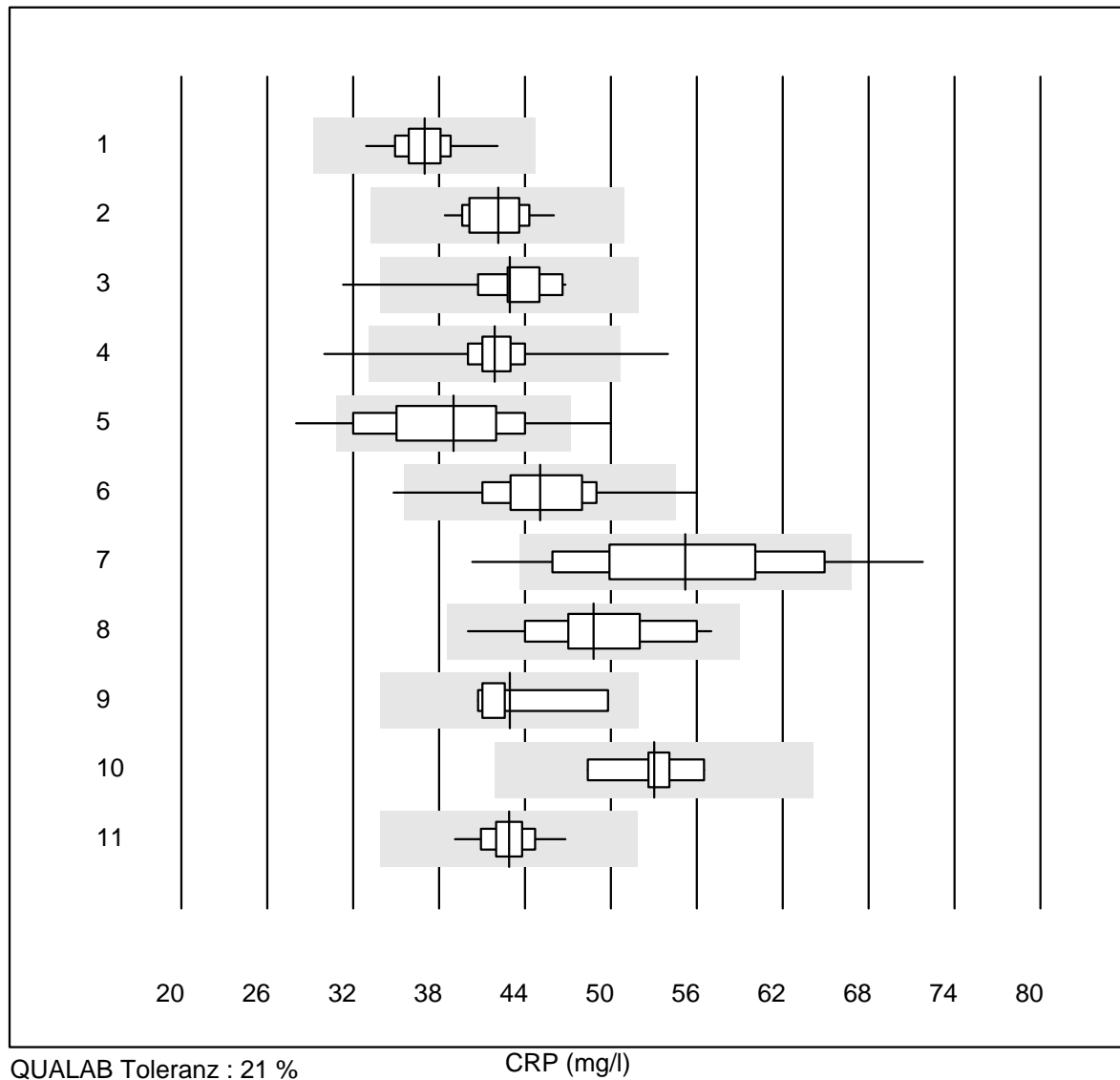
MQ tolerance : 30 %

Erythrocyte sedimentation rate 2h (mm/2h)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	BD Seditainer	7	85.7	14.3	0.0	150	13.0	e*

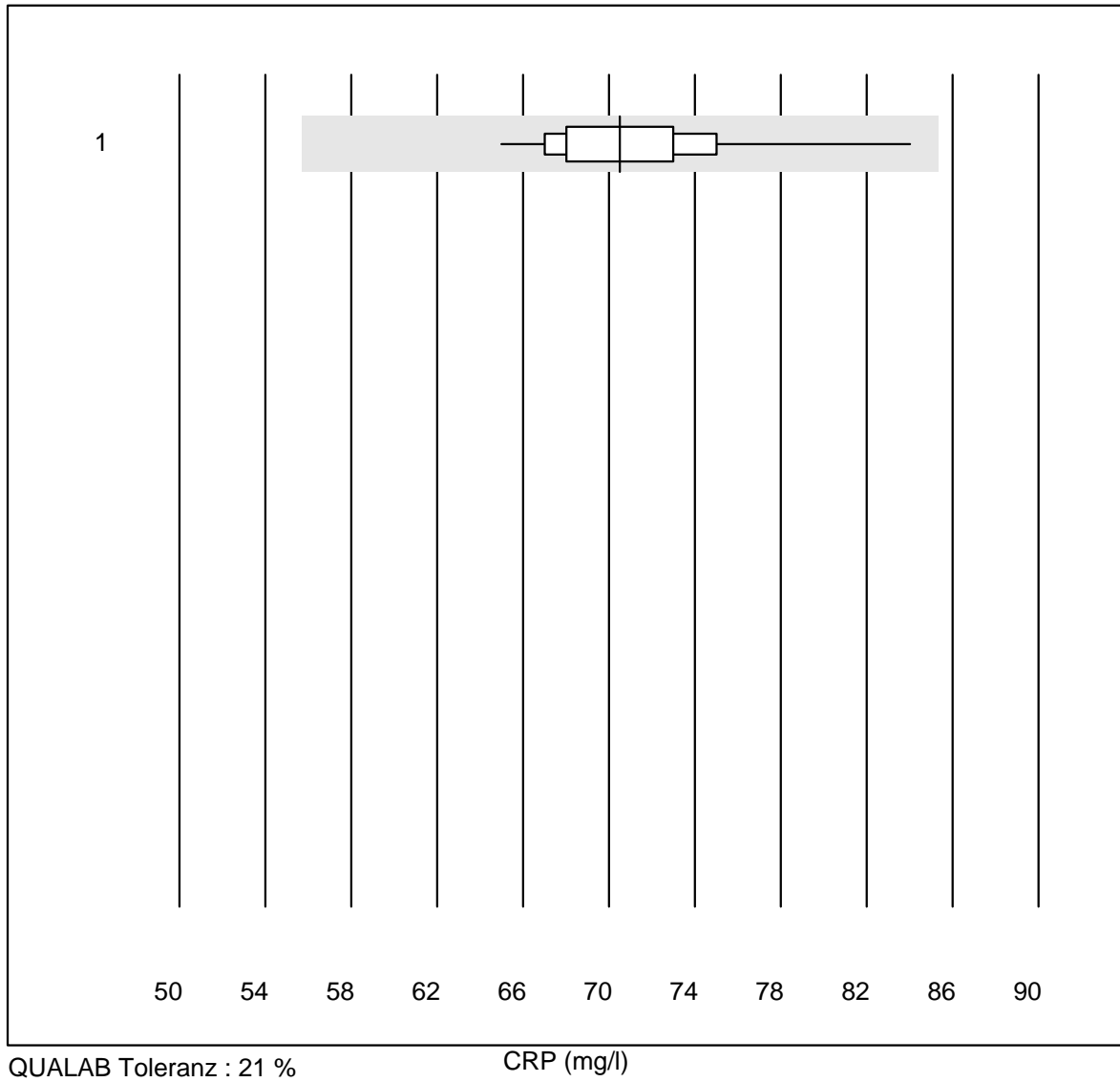


## CRP



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b101	253	99.2	0.0	0.8	37.0	4.2	e
2	Cobas	22	100.0	0.0	0.0	42.1	5.0	e
3	Turbidimetry	15	80.0	6.7	13.3	43.0	9.1	e
4	Afinion	1290	99.0	0.5	0.5	41.9	4.8	e
5	NycoCard SingleTest-	126	84.9	4.0	11.1	39.0	11.8	e
6	Quick Read go	103	98.1	1.9	0.0	45.1	7.6	e
7	Eurolyser	95	75.8	7.4	16.8	55.2	12.8	e
8	Fuji Dri-Chem	14	100.0	0.0	0.0	48.8	9.5	e*
9	Autolyser/DiaSys	10	80.0	0.0	20.0	42.9	6.8	e
10	Piccolo	5	100.0	0.0	0.0	53.0	5.6	e
11	Celltac chemi	46	100.0	0.0	0.0	42.9	3.8	e

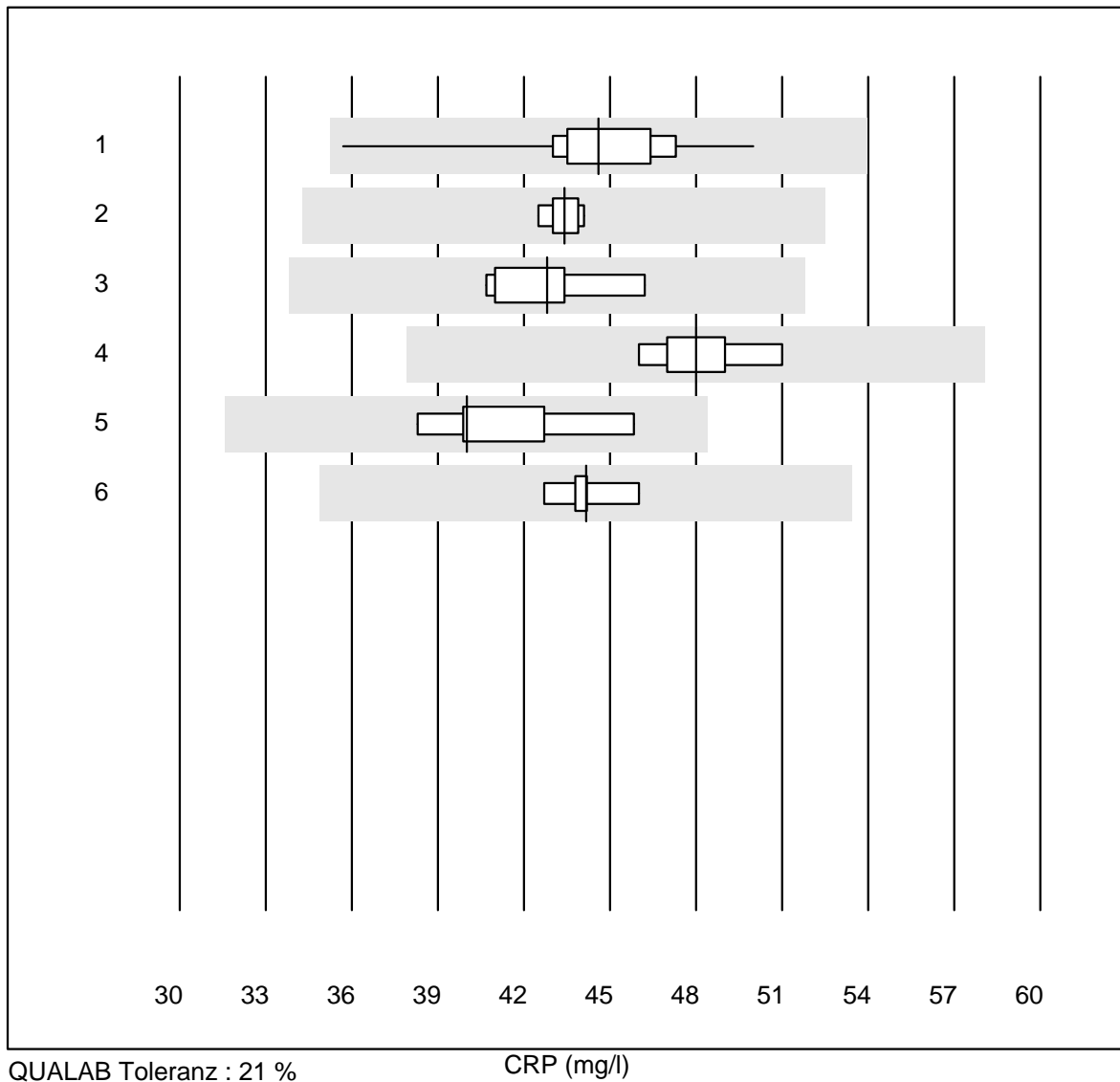
# CRP



QUALAB Toleranz : 21 %

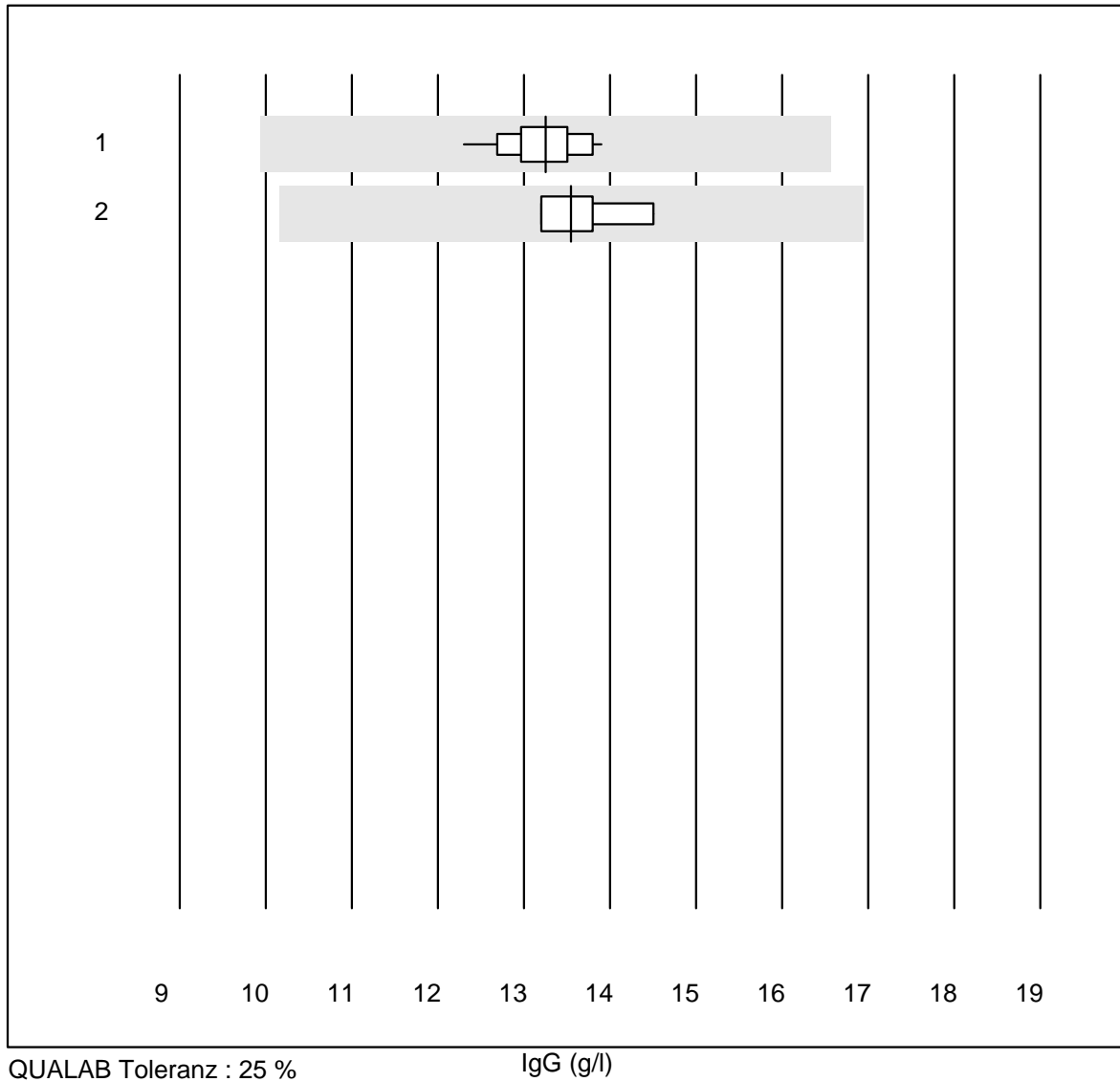
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	QuikRead (Vollblut)	39	94.9	0.0	5.1	70.5	5.5	e

## CRP



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Spinit	11	100.0	0.0	0.0	44.6	8.0	e
2 Architect	5	100.0	0.0	0.0	43.4	1.5	e
3 Beckman	6	100.0	0.0	0.0	42.8	4.7	e
4 AQT 90 FLEX	9	100.0	0.0	0.0	48.0	3.5	e
5 Spotchem D-Concept	7	100.0	0.0	0.0	40.0	6.1	e
6 Other methods	5	100.0	0.0	0.0	44.2	2.7	e

## IgG

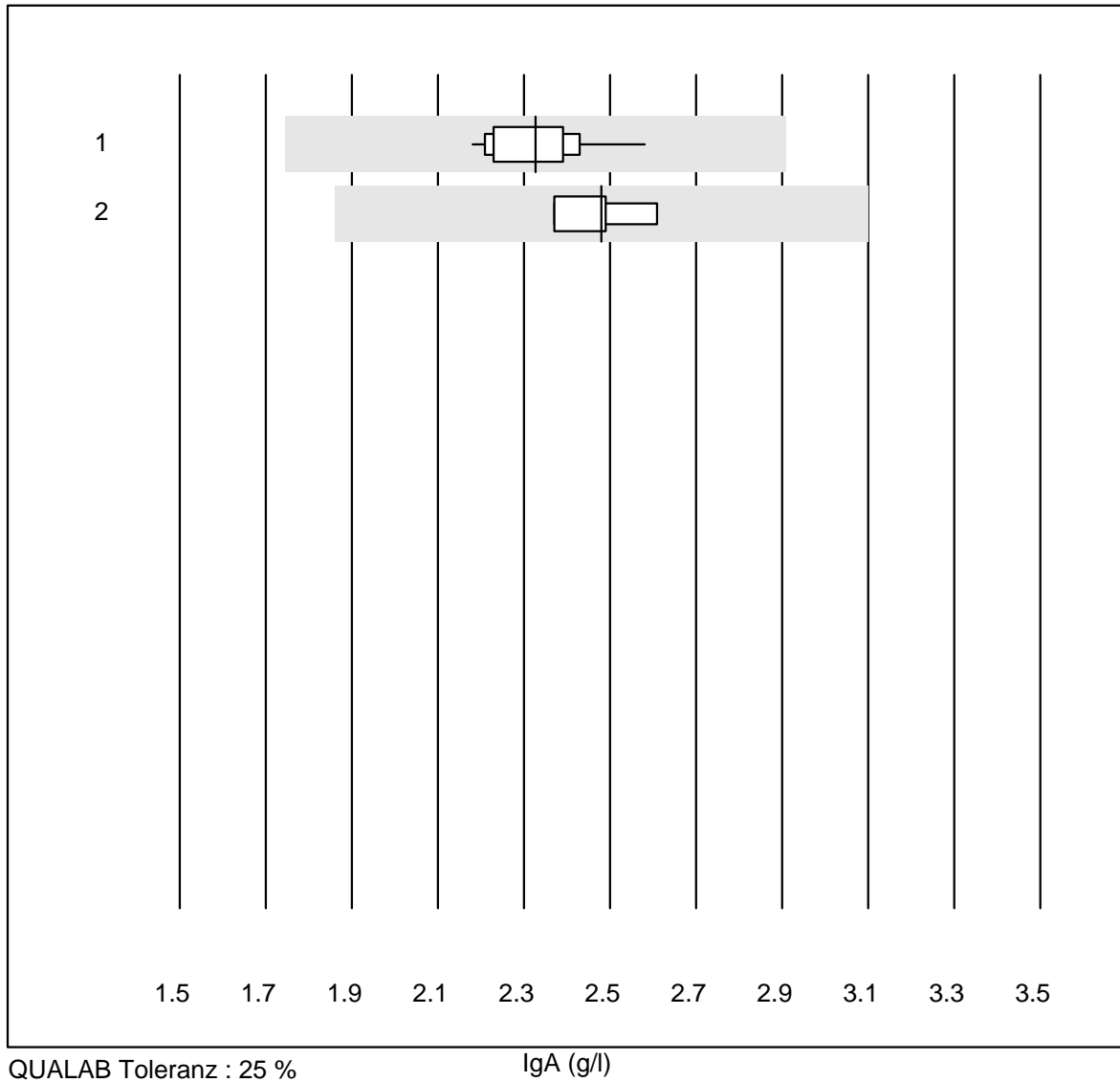


QUALAB Toleranz : 25 %

IgG (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Turbidimetry	16	100.0	0.0	0.0	13.26	3.2	e
2	Nephelometry	4	100.0	0.0	0.0	13.55	4.3	e

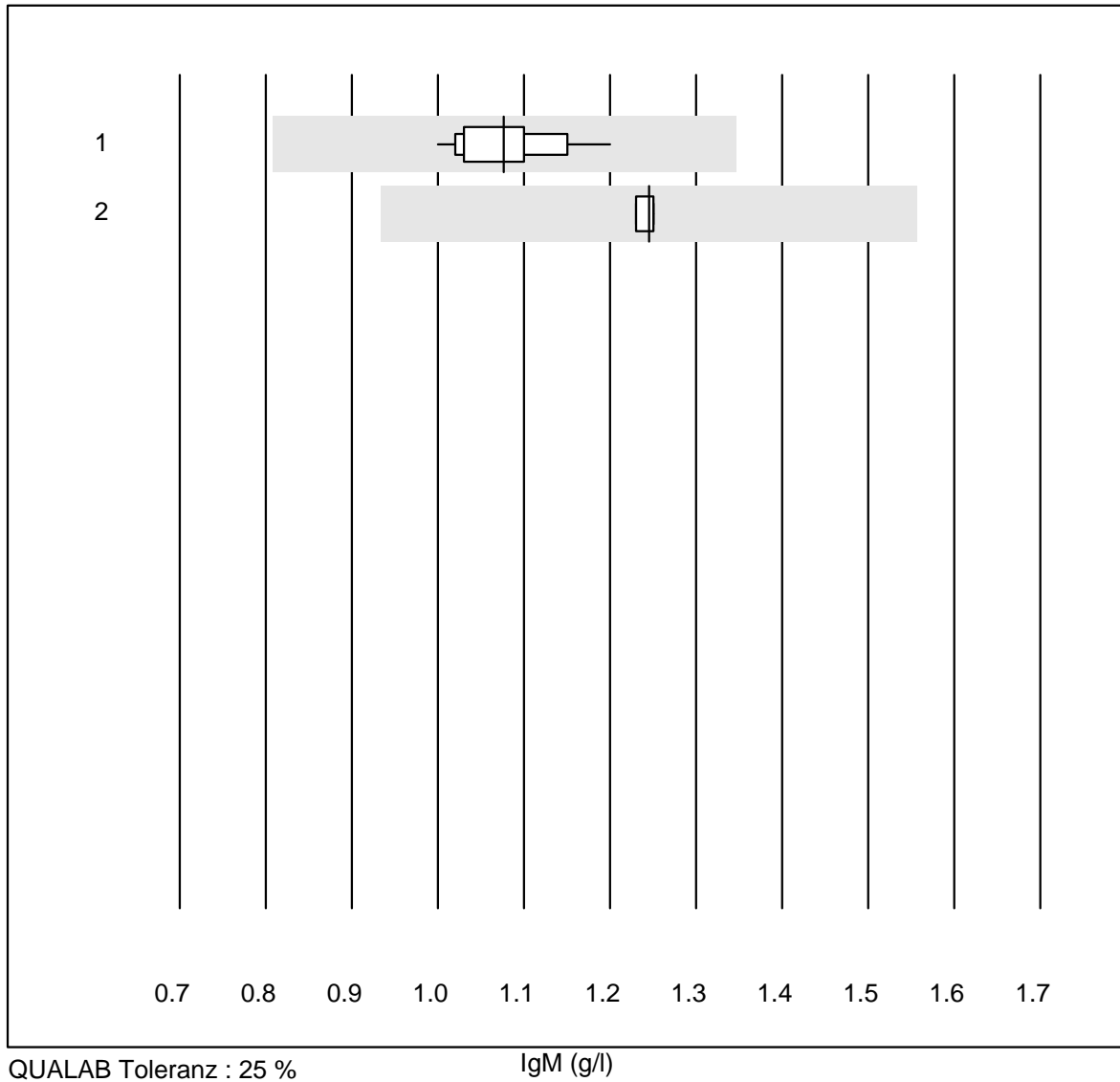
## IgA



QUALAB Toleranz : 25 %

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Turbidimetry	16	100.0	0.0	0.0	2.33	4.6	e
2	Nephelometry	4	100.0	0.0	0.0	2.48	4.0	e

## IgM

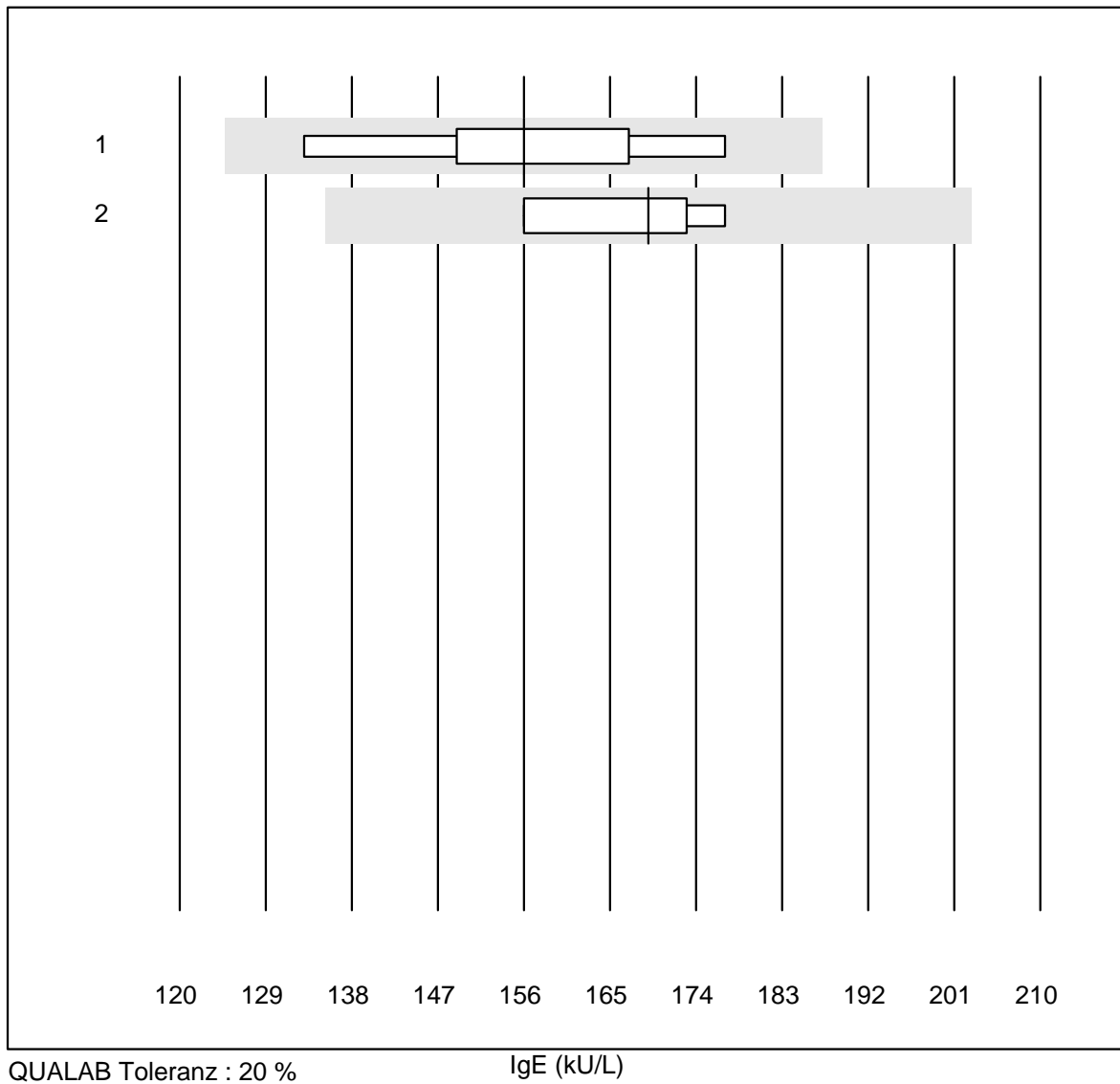


QUALAB Toleranz : 25 %

IgM (g/l)

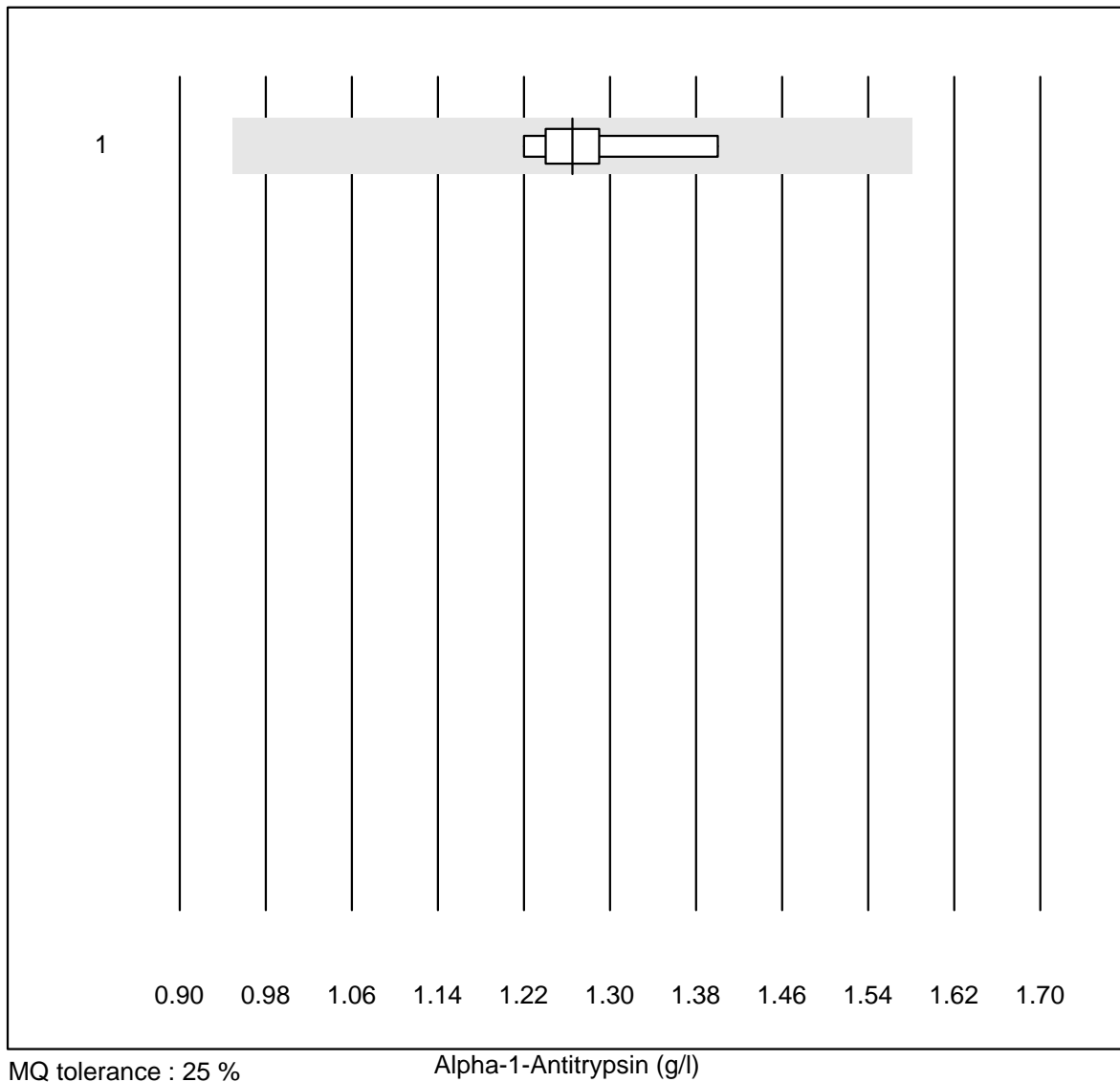
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Turbidimetry	15	100.0	0.0	0.0	1.08	4.9	e
2	Nephelometry	4	100.0	0.0	0.0	1.25	0.8	e

## IgE



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	6	100.0	0.0	0.0	156	9.7	e*
2 Cobas	4	100.0	0.0	0.0	169	5.5	e*

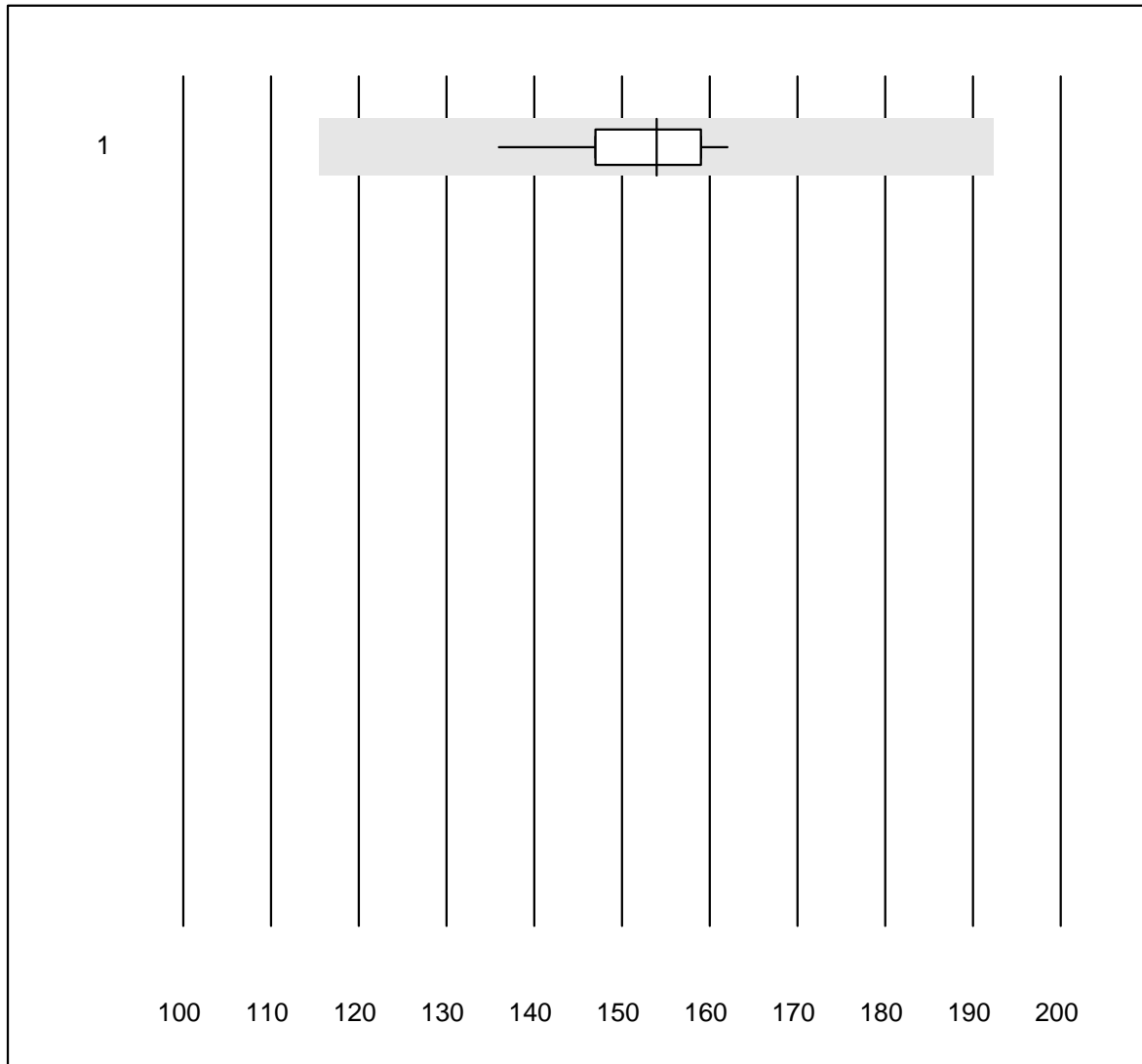
## Alpha-1-Antitrypsin



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	8	100.0	0.0	0.0	1.27	5.4	e



## Anti-Streptolysin-Antibodies

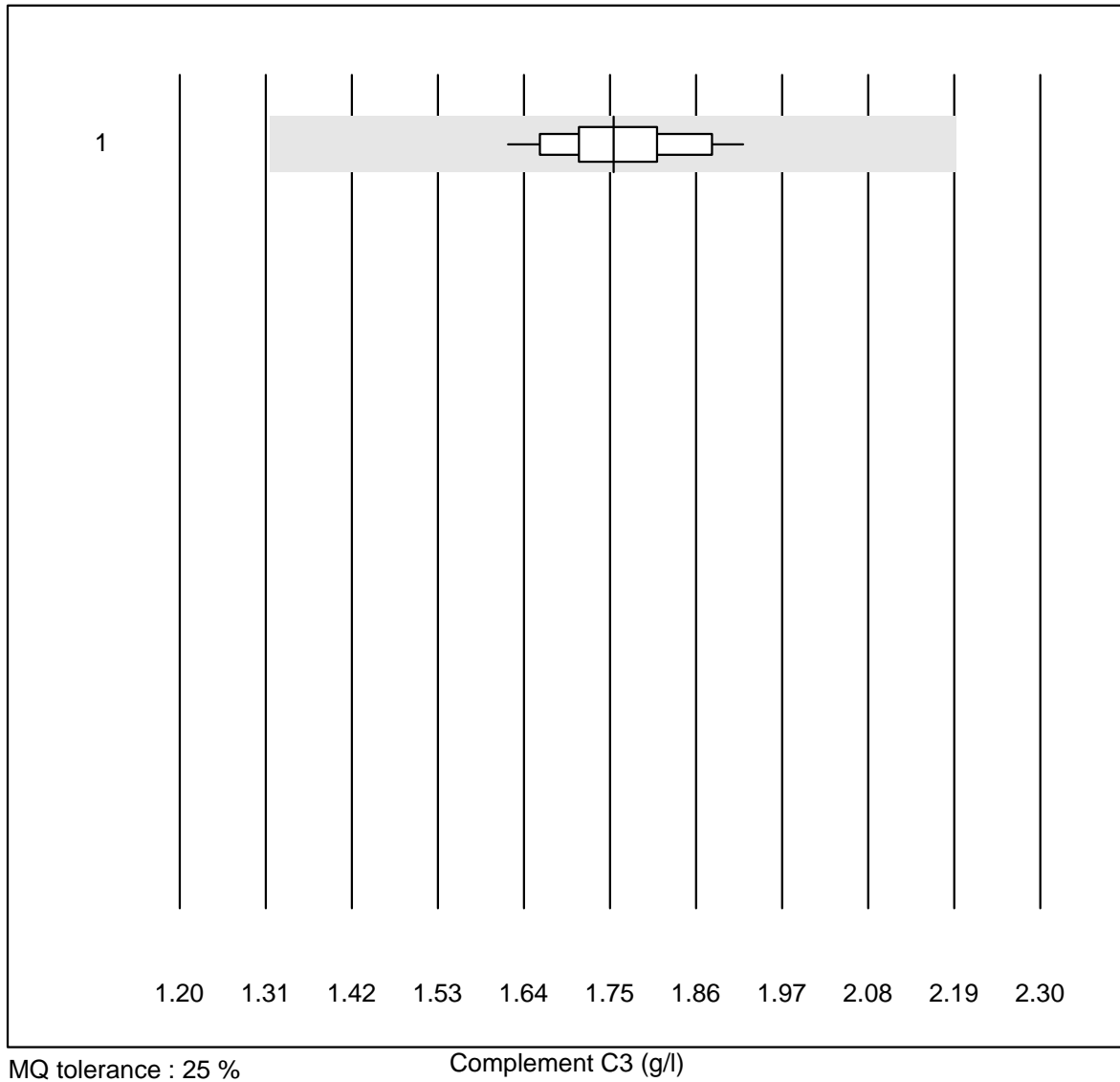


MQ tolerance : 25 %

Anti-Streptolysin-Antibodies (kIU/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	11	100.0	0.0	0.0	154	5.0	e

## Complement C3

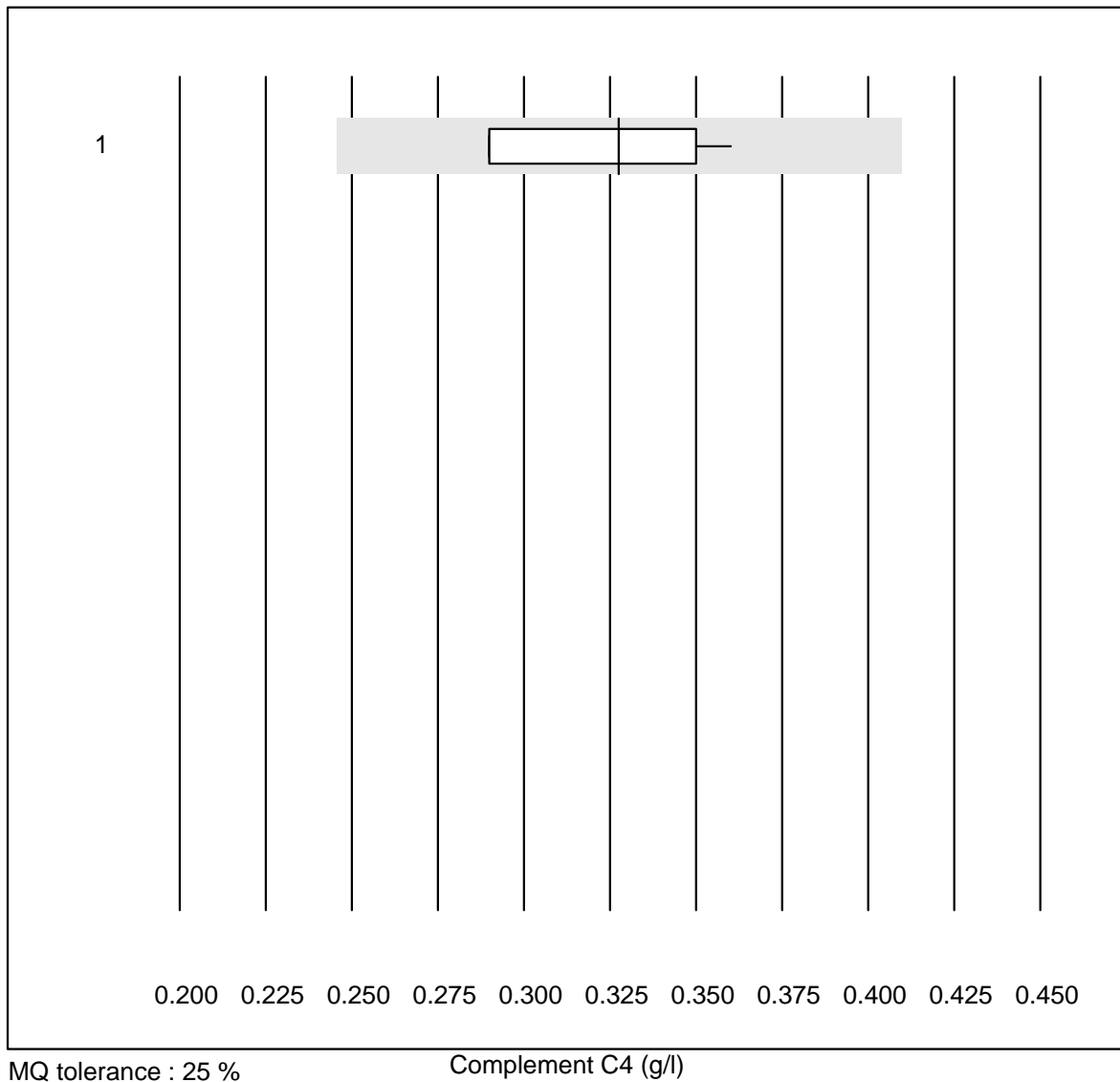


MQ tolerance : 25 %

Complement C3 (g/l)

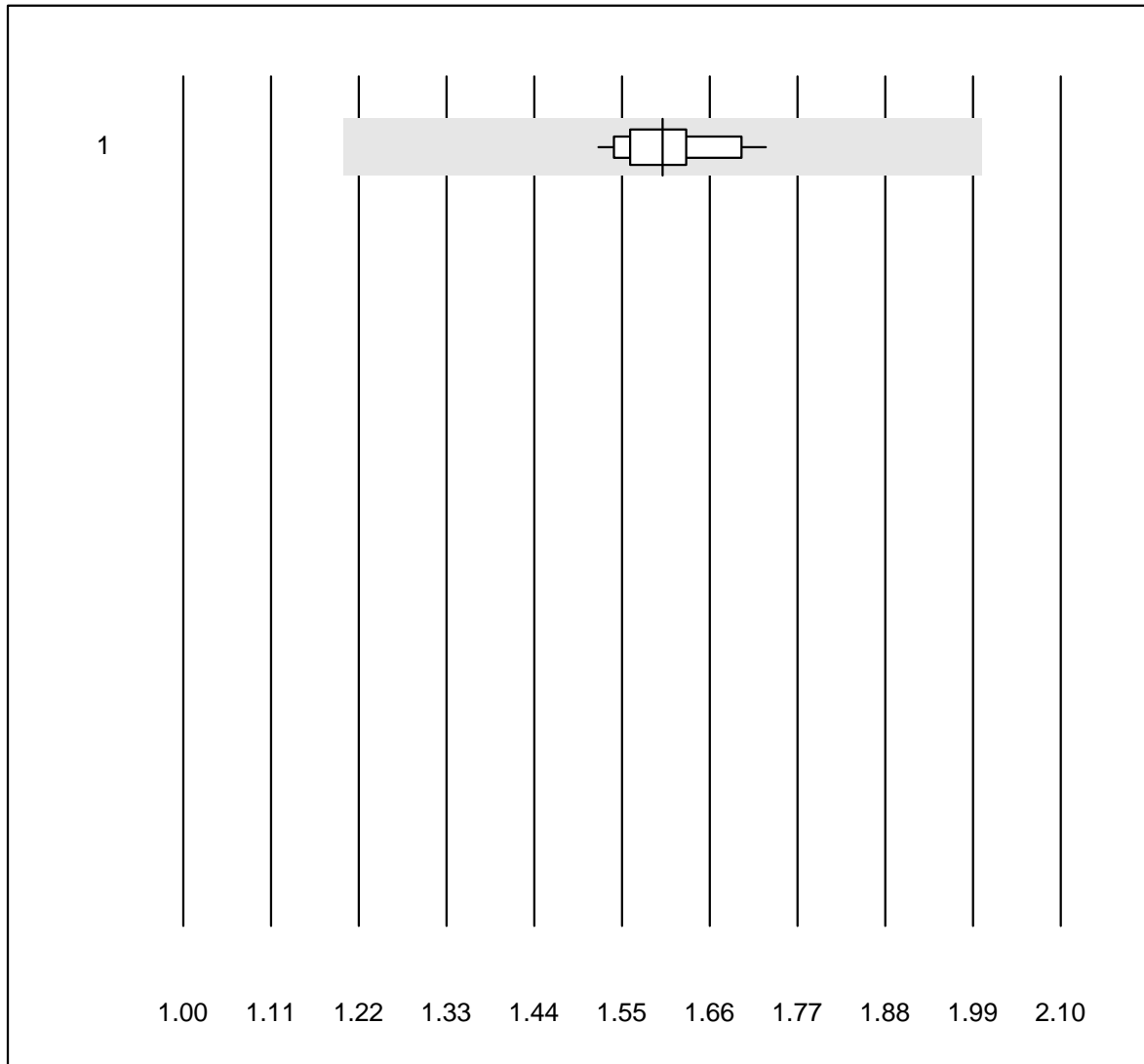
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	14	100.0	0.0	0.0	1.75	4.6	e

## Complement C4



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	13	100.0	0.0	0.0	0.33	9.1	e

# Haptoglobin

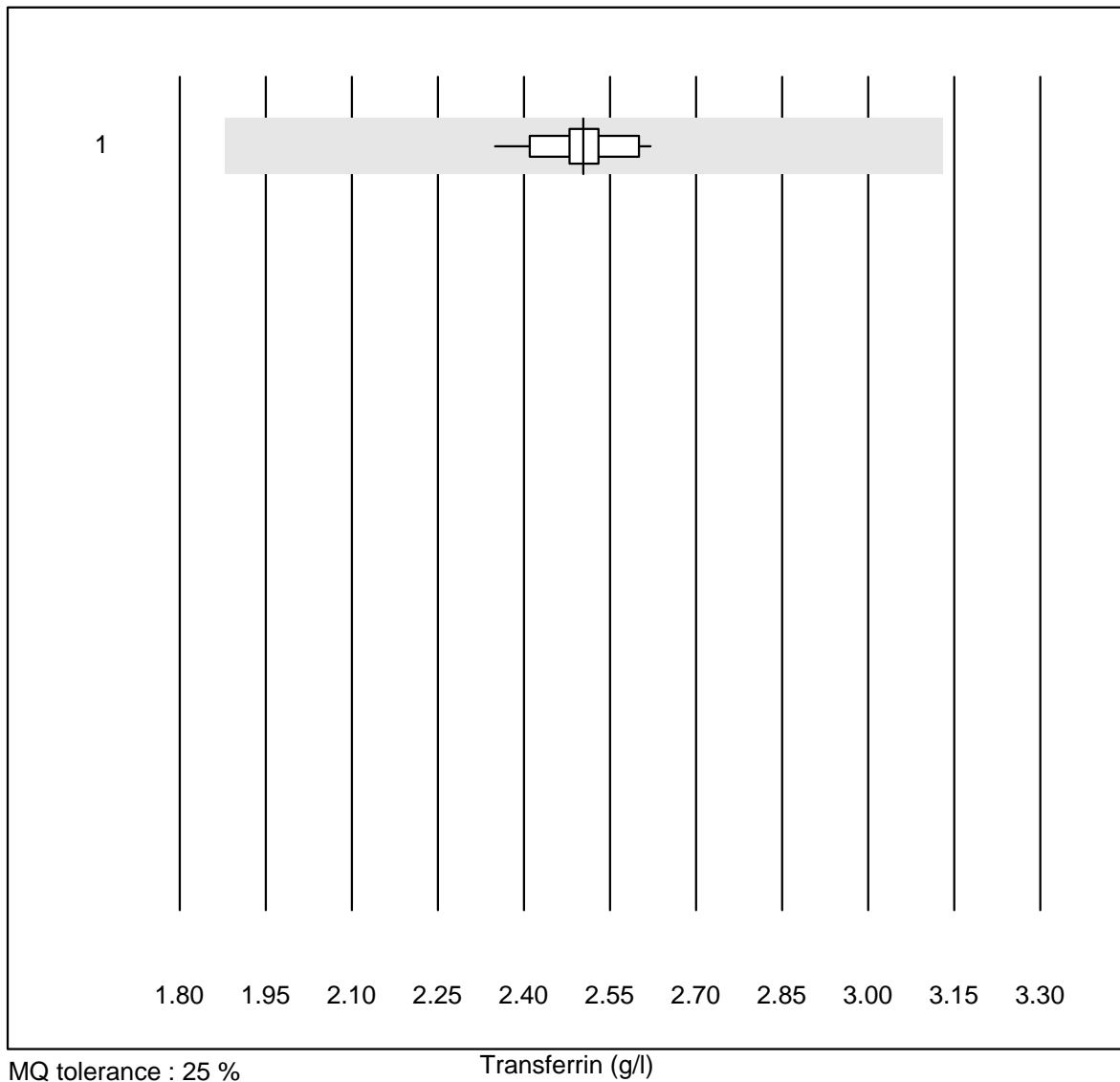


MQ tolerance : 25 %

Haptoglobin (g/l)

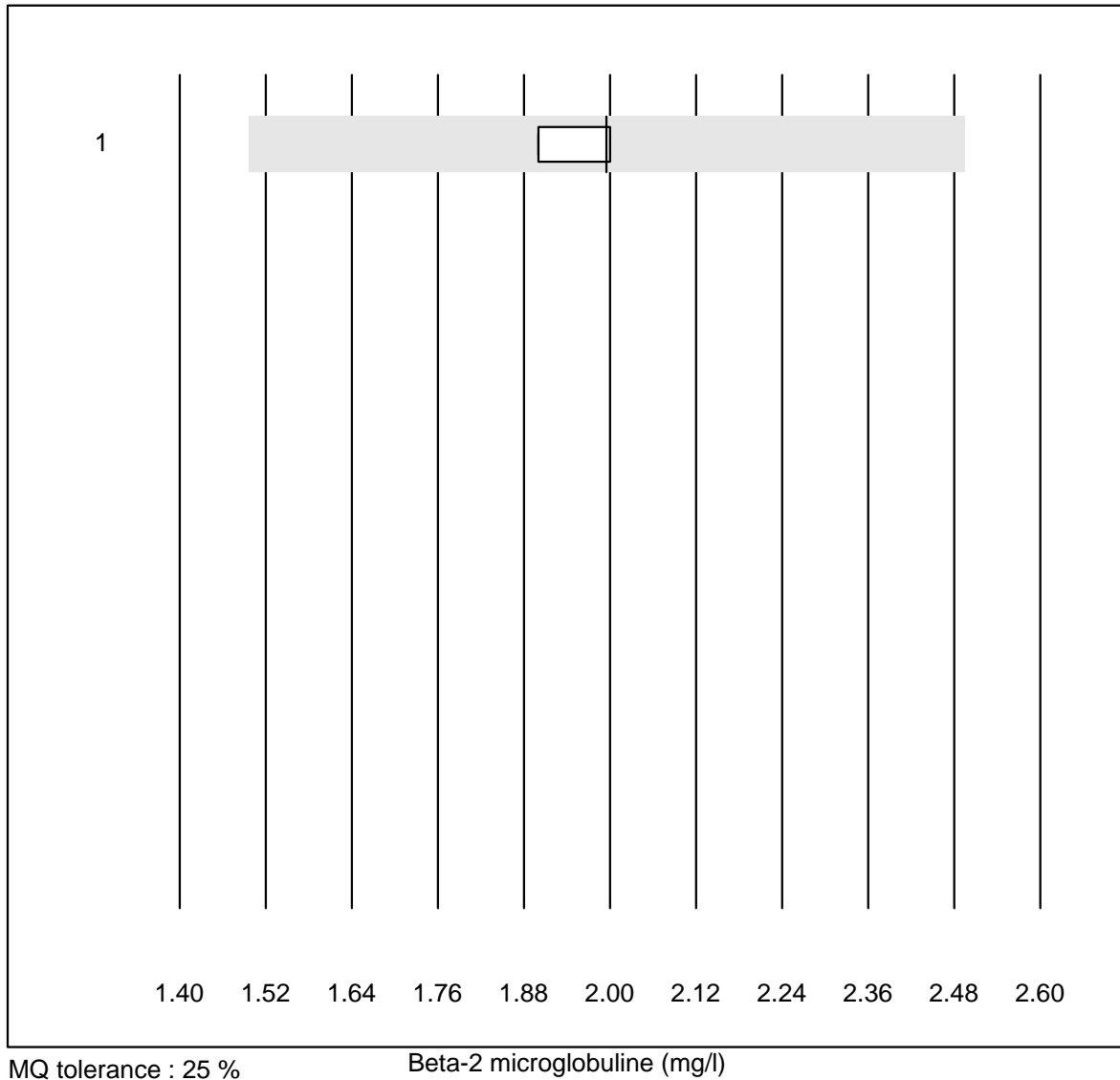
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	18	100.0	0.0	0.0	1.60	3.3	e

## Transferrin



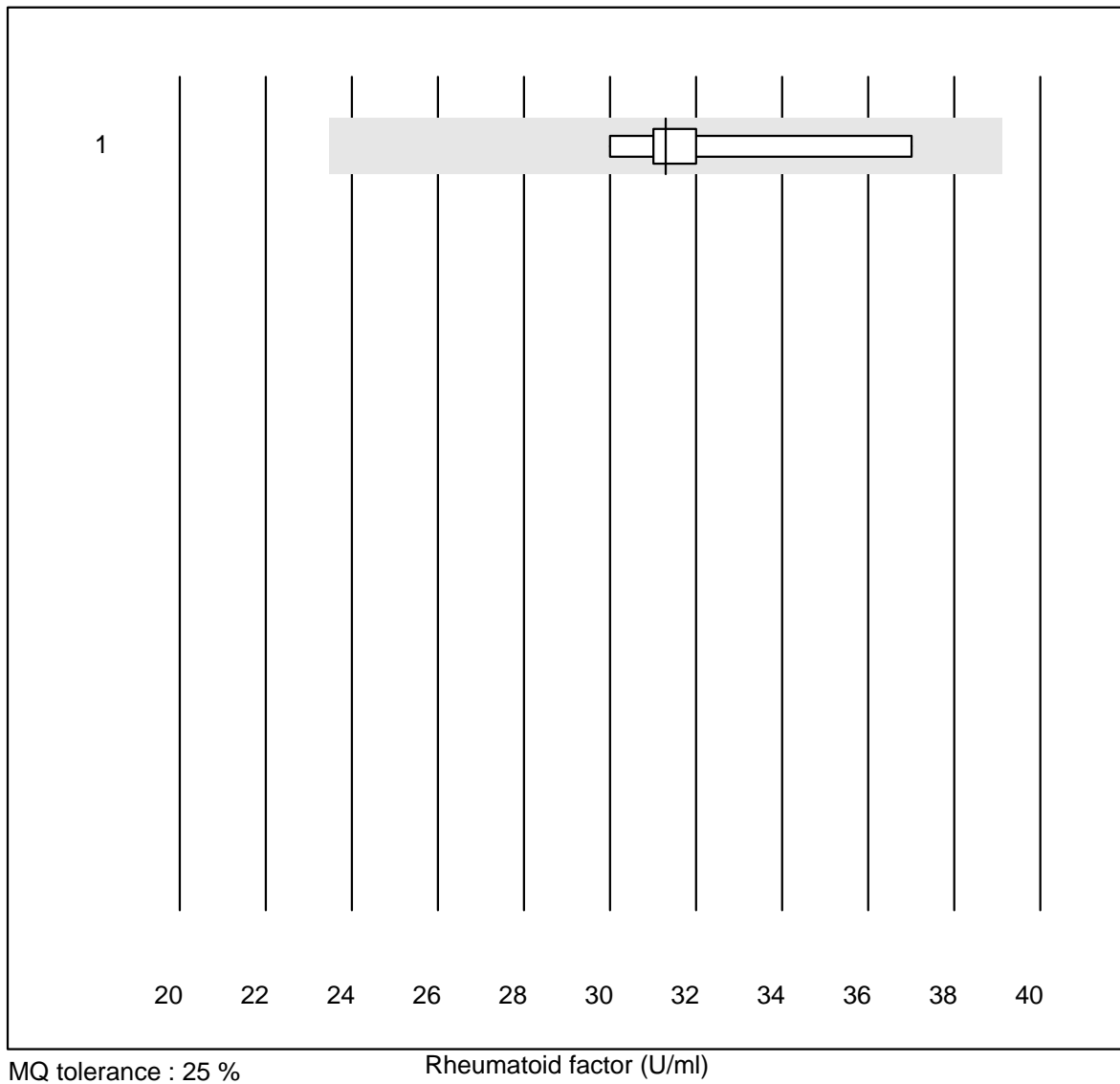
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	25	100.0	0.0	0.0	2.50	2.5	e

## Beta-2 microglobuline



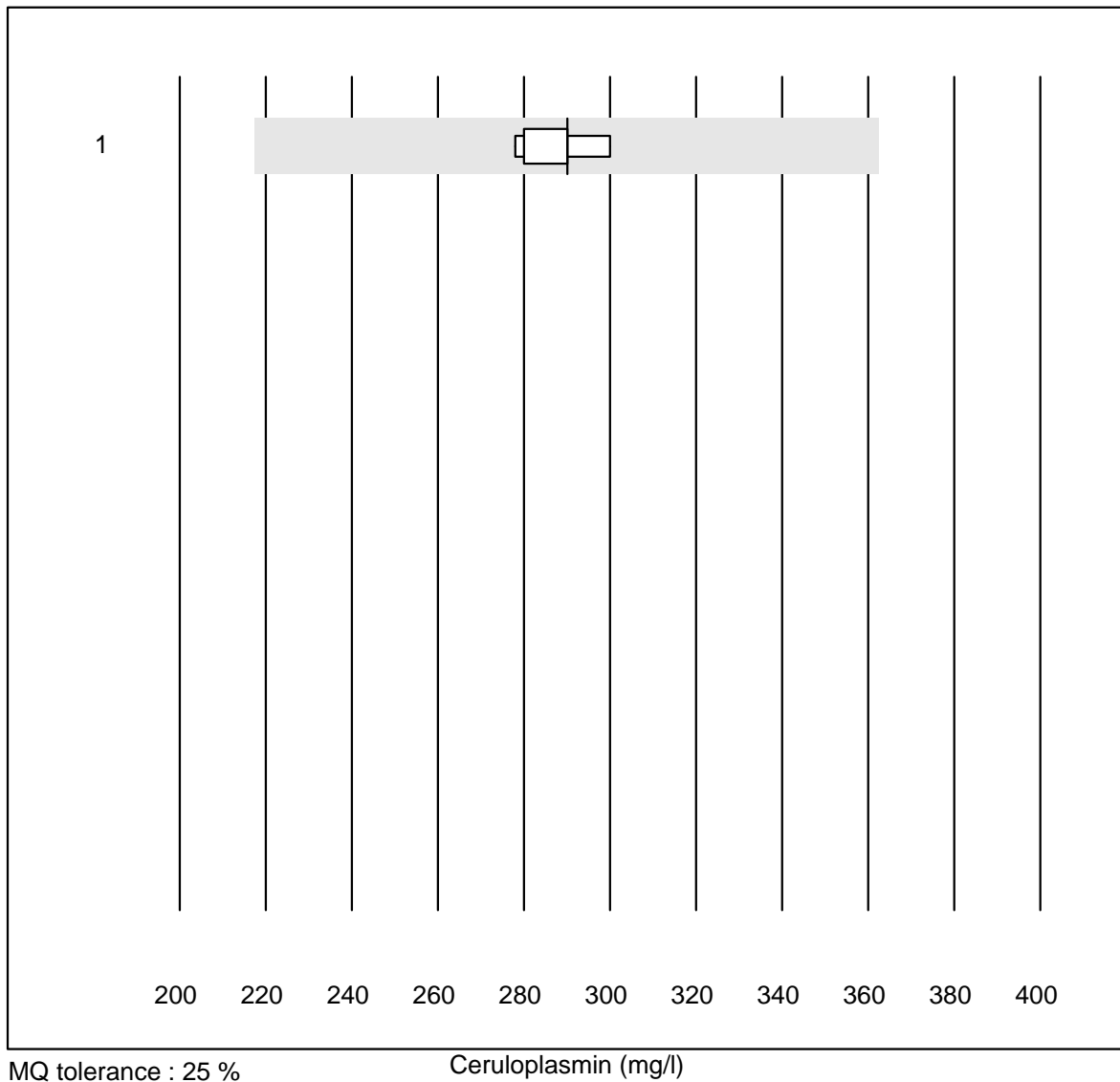
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	4	100.0	0.0	0.0	2.00	2.5	e

## Rheumatoid factor



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	5	100.0	0.0	0.0	31.3	8.5	e*

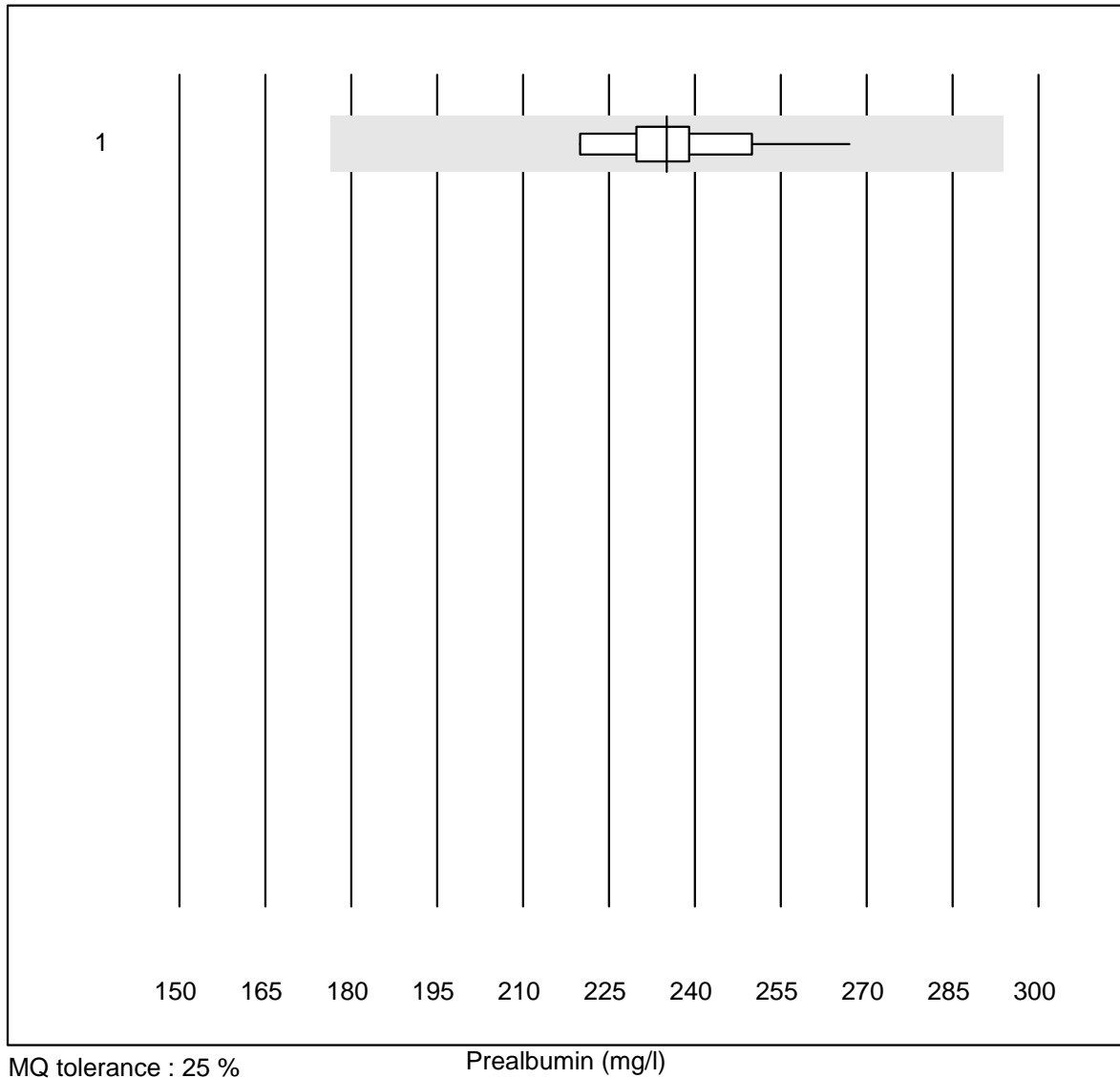
## Ceruloplasmin



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	5	100.0	0.0	0.0	290.00	3.1	e

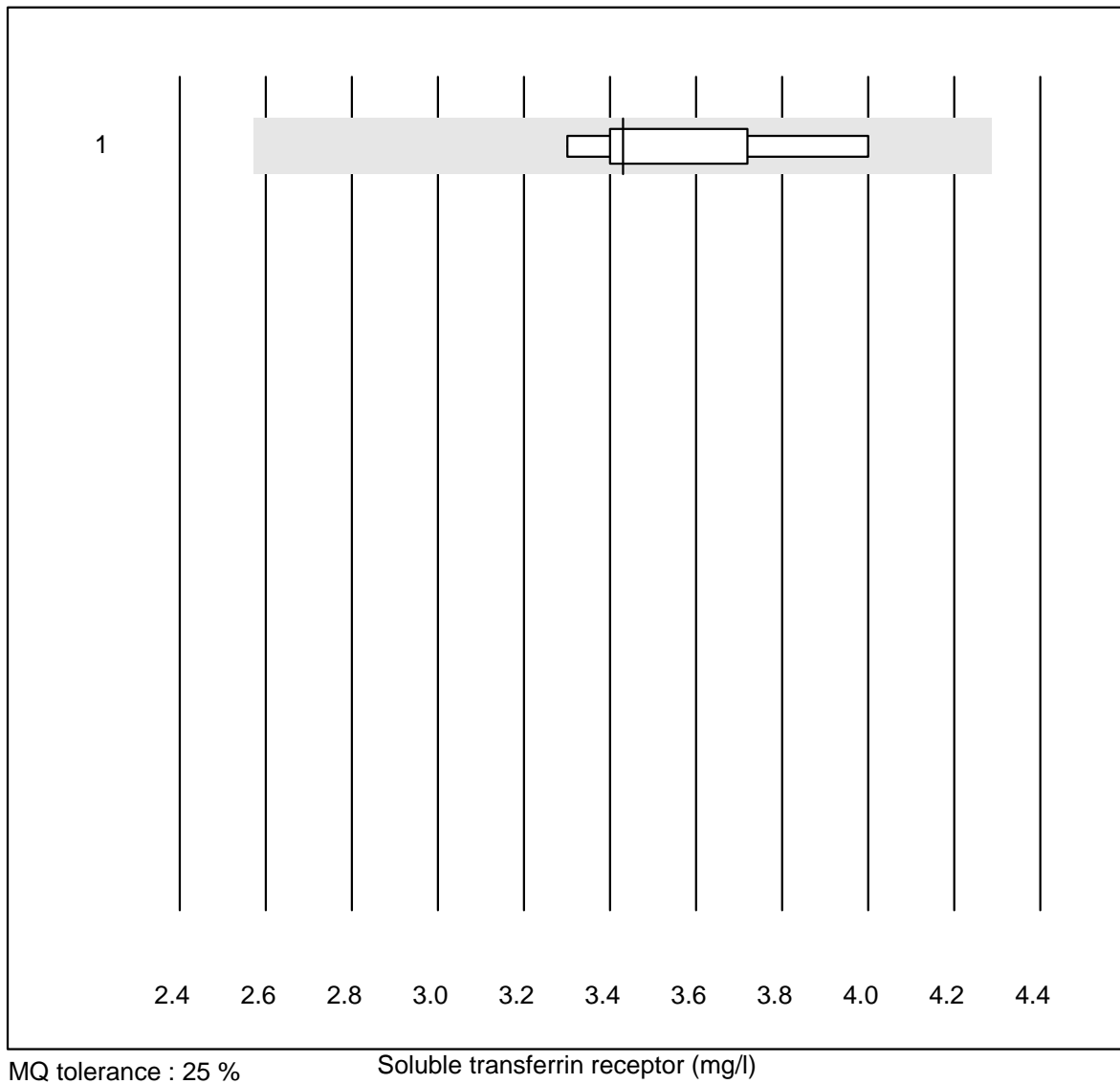


## Prealbumin



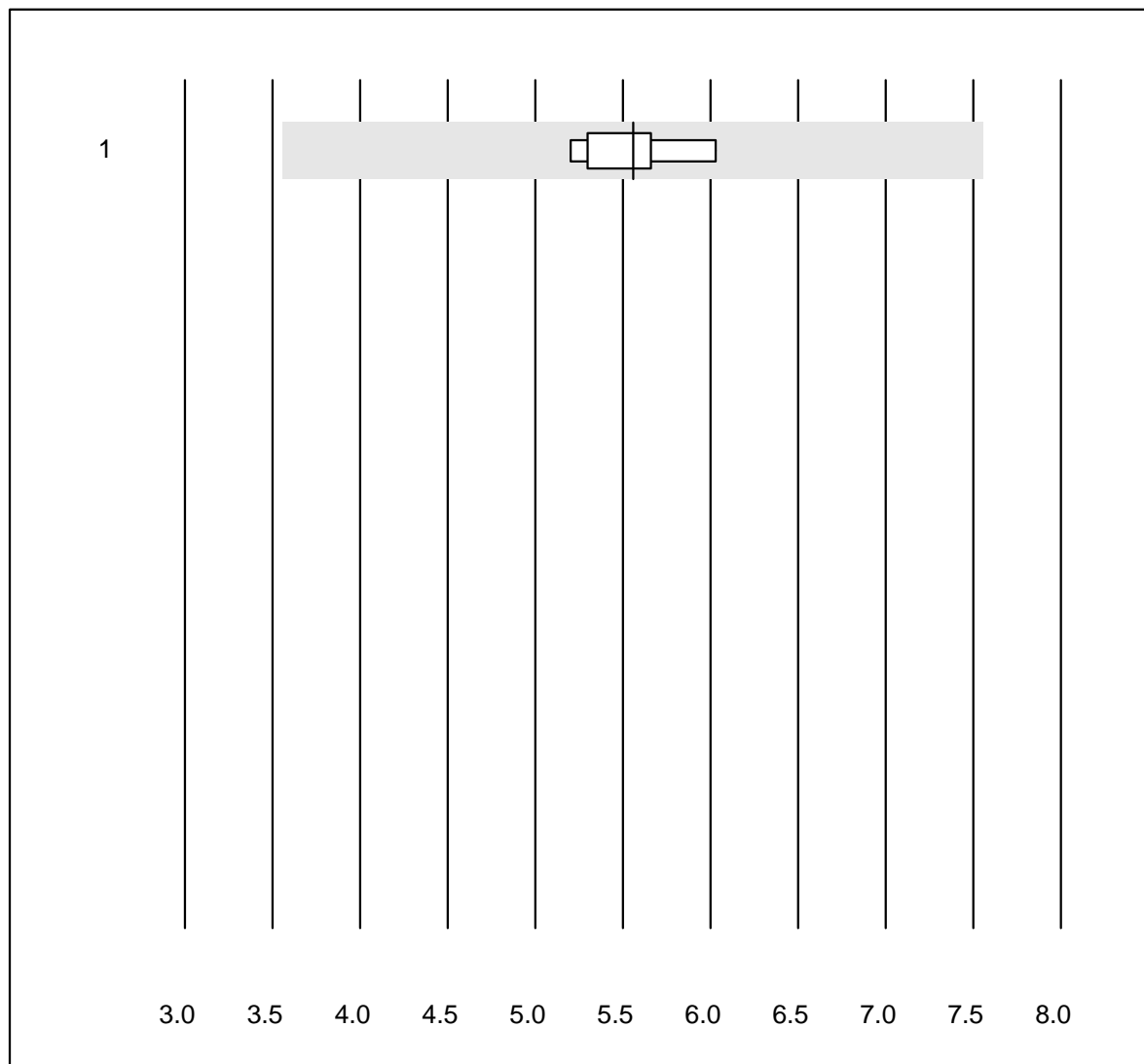
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	16	100.0	0.0	0.0	235.1	5.1	e

## Soluble transferrin receptor



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	7	100.0	0.0	0.0	3.4	6.9	e

# CRP HS

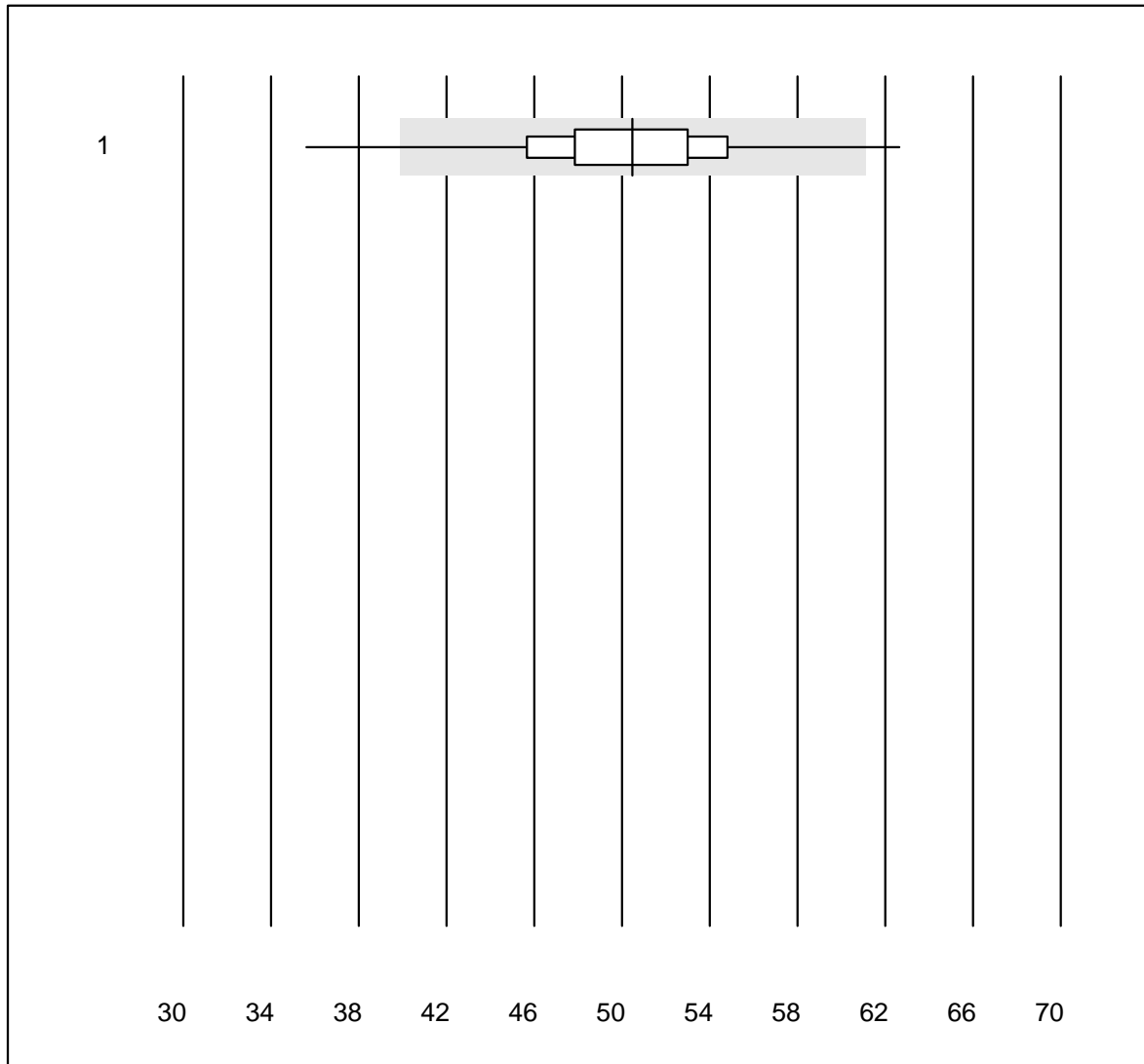


QUALAB Toleranz : 21 %  
 (< 10.00: +/- 2.00 mg/l)

CRP HS (mg/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Turbidimetry	6	100.0	0.0	0.0	5.56	5.3	e

# CRP

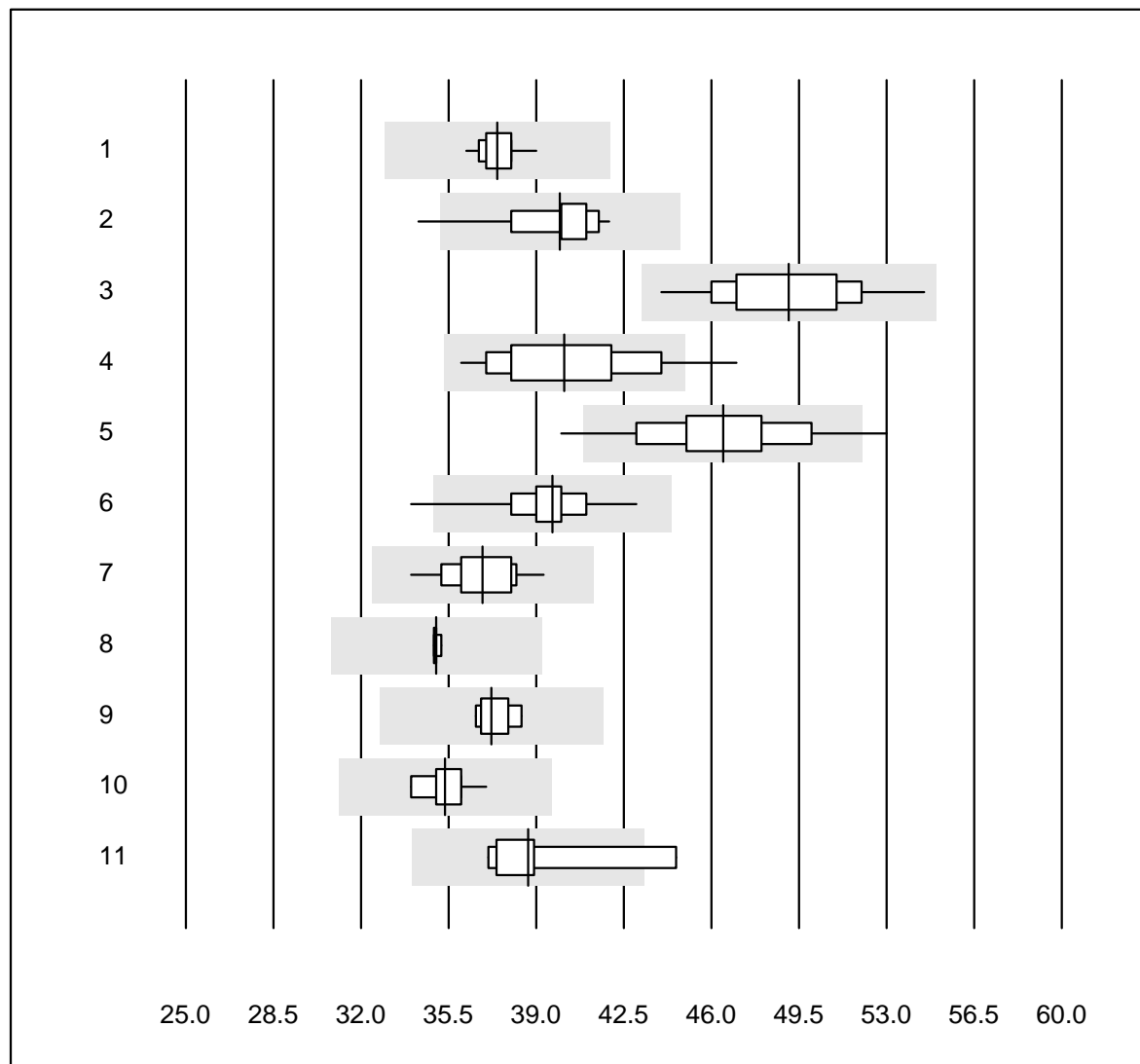


QUALAB Toleranz : 21 %

CRP (mg/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 AFIAS	120	93.4	3.3	3.3	50.5	8.8	e

## Albumine

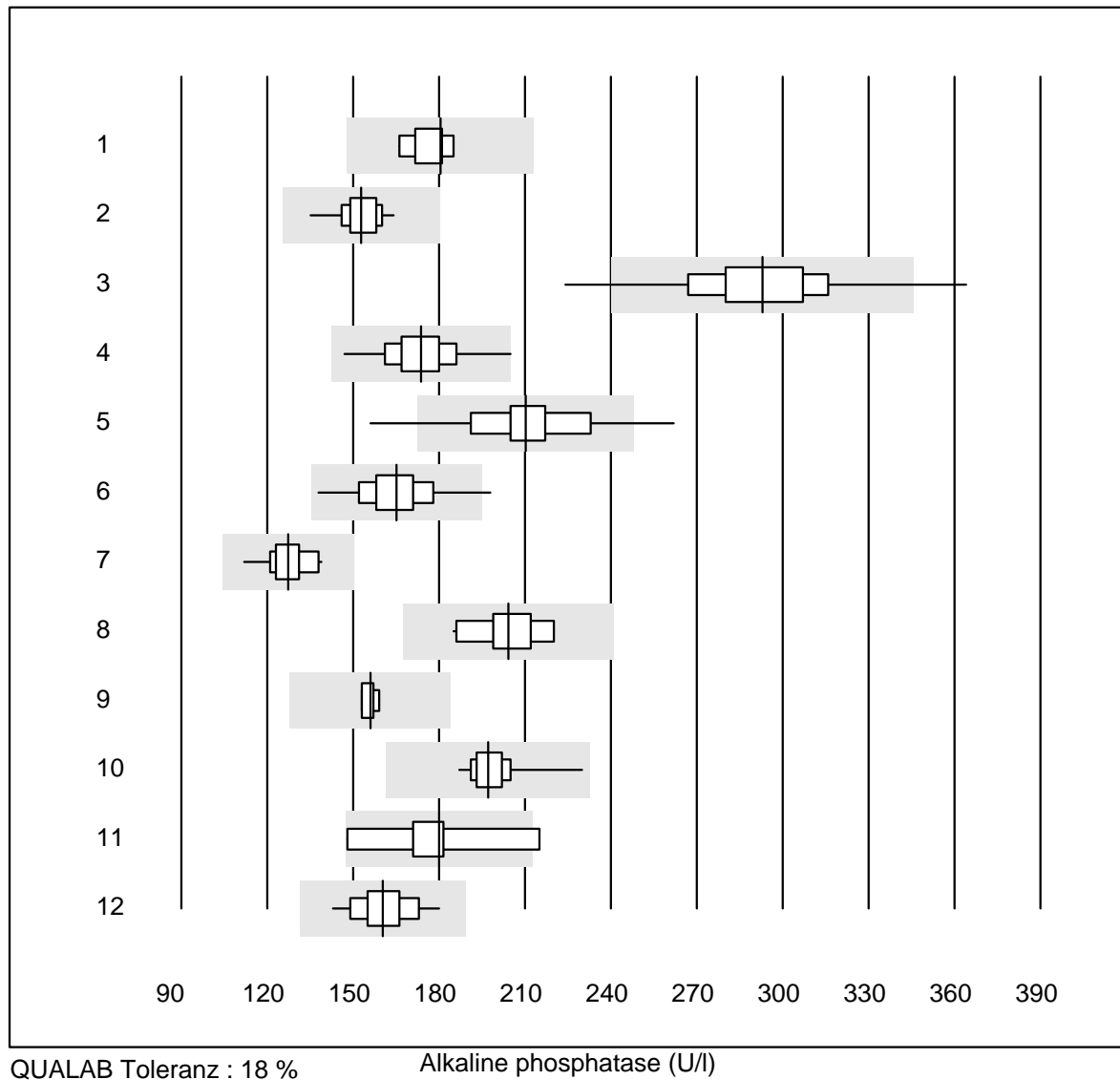


QUALAB Toleranz : 12 %

Albumine (g/l)

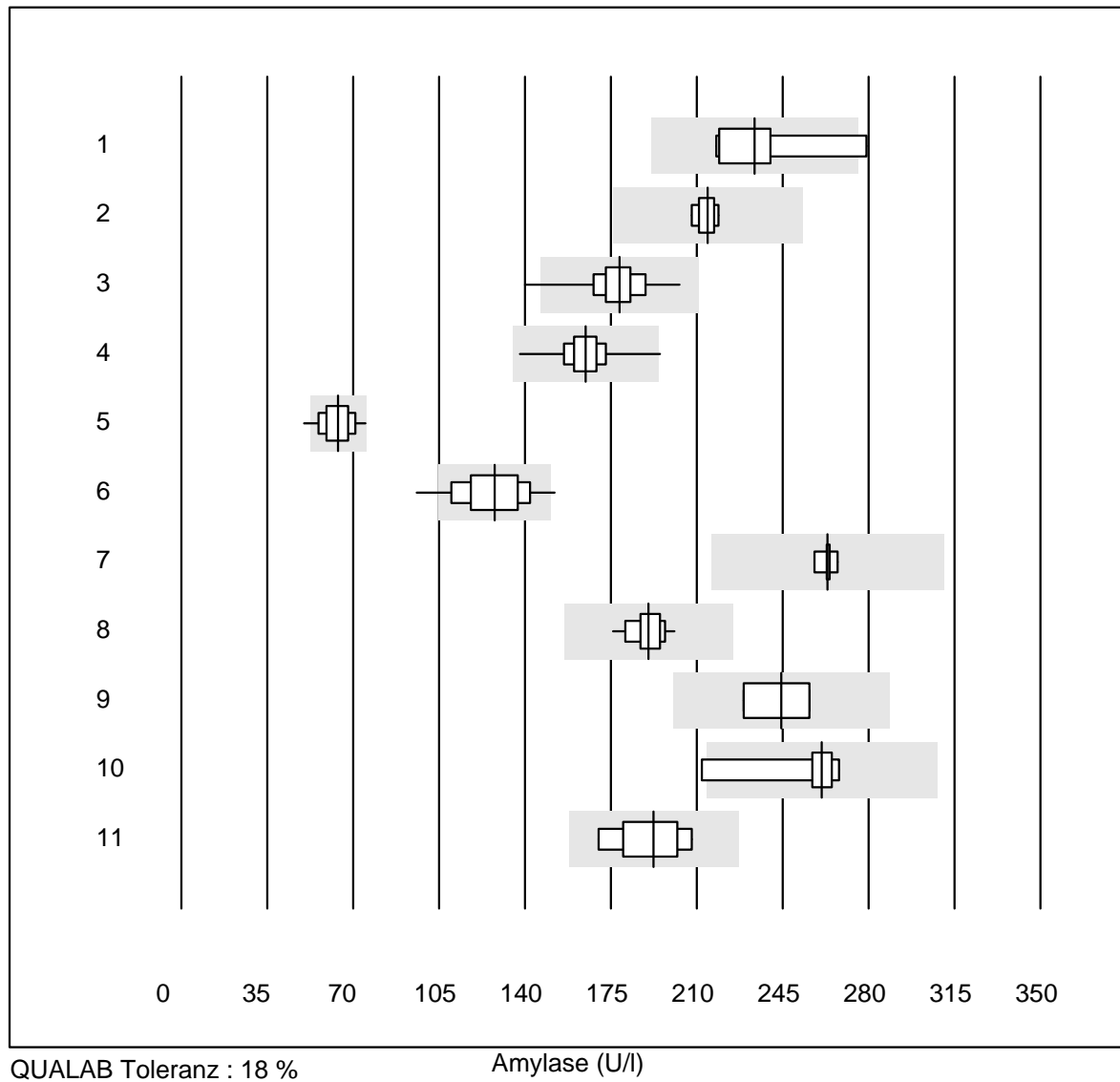
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	11	100.0	0.0	0.0	37	2.2	e
2	Cobas	22	95.5	4.5	0.0	40	4.4	e
3	Fuji Dri-Chem	222	99.1	0.0	0.9	49	4.4	e
4	Spotchem/Ready	28	89.3	3.6	7.1	40	6.7	e
5	Spotchem D-Concept	164	97.6	1.8	0.6	46	5.4	e
6	Piccolo	52	98.1	1.9	0.0	40	3.4	e
7	Beckmann	11	100.0	0.0	0.0	37	4.0	e
8	Dimension	4	100.0	0.0	0.0	35	0.4	e
9	Abx Mira	5	100.0	0.0	0.0	37	2.0	e
10	Hitachi S40/M40	11	100.0	0.0	0.0	35	2.6	e
11	Autolyser/DiaSys	7	85.7	14.3	0.0	39	6.6	e*

## Alkaline phosphatase



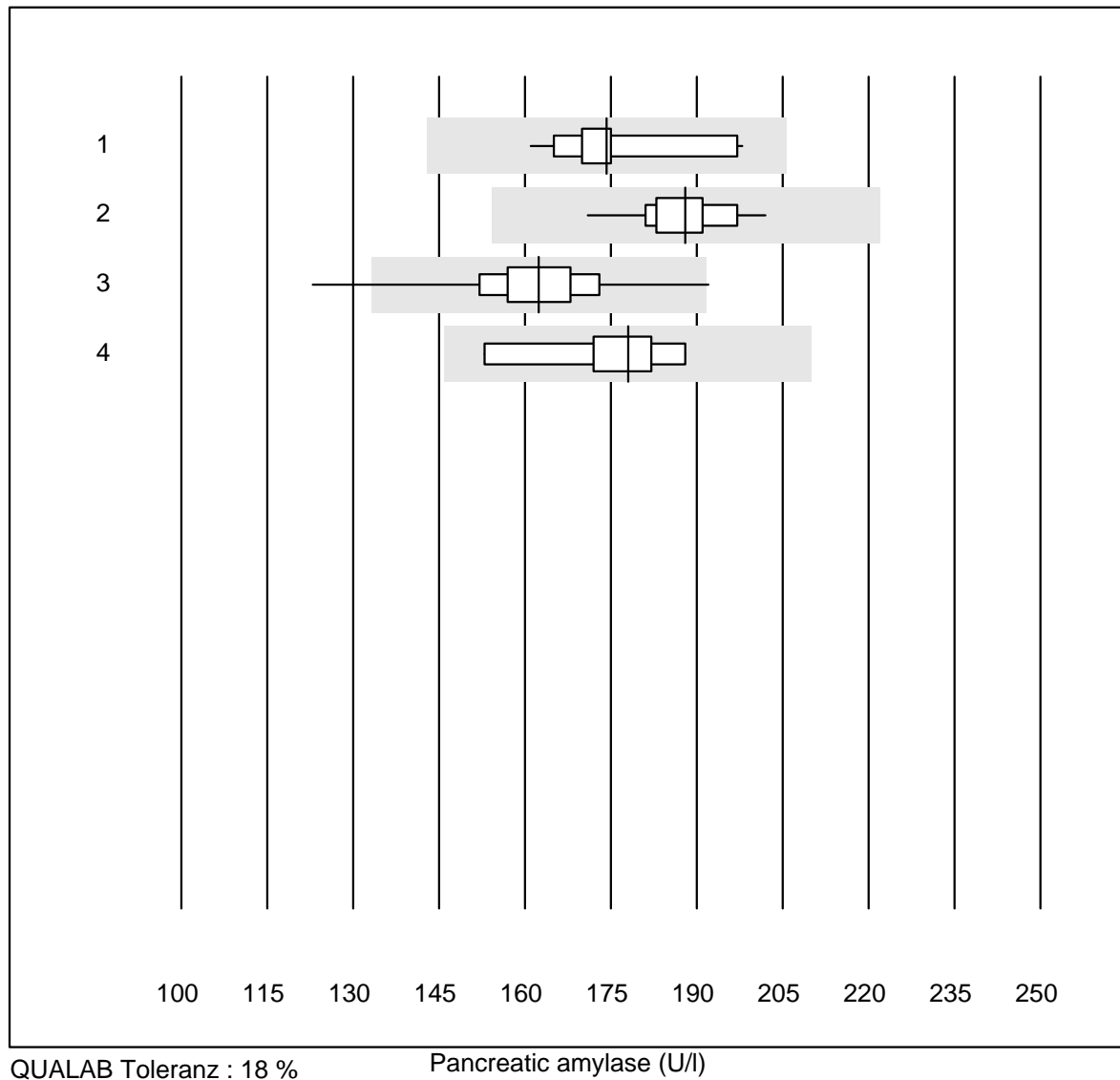
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 IFCC	8	100.0	0.0	0.0	181	3.6	e
2 Cobas	23	100.0	0.0	0.0	153	4.3	e
3 Reflotron	453	96.9	2.2	0.9	293	7.1	e
4 Fuji Dri-Chem	819	98.9	0.1	1.0	174	5.7	e
5 Spotchem/Ready	53	92.5	7.5	0.0	210	8.7	e
6 Spotchem D-Concept	307	98.4	0.3	1.3	165	6.2	e
7 Hitachi S40/M40	16	100.0	0.0	0.0	127	5.3	e
8 Beckman	13	100.0	0.0	0.0	204	5.5	e
9 Dimension	4	100.0	0.0	0.0	156	1.7	e
10 Piccolo	44	97.7	0.0	2.3	197	3.8	e
11 Abx Mira	8	87.5	12.5	0.0	180	11.7	e*
12 Autolyser/DiaSys	18	100.0	0.0	0.0	160	5.8	e

## Amylase



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 IFCC	8	87.5	12.5	0.0	234	9.0	e*
2 Cobas	8	100.0	0.0	0.0	215	1.7	e
3 Reflotron	114	96.5	0.9	2.6	179	4.8	e
4 Fuji Dri-Chem	603	99.5	0.2	0.3	165	4.3	e
5 Spotchem/Ready	43	69.8	2.3	27.9	64	9.9	e
6 Spotchem D-Concept	242	95.5	4.5	0.0	128	9.8	e
7 Architect	5	100.0	0.0	0.0	263	1.3	e
8 Piccolo	42	100.0	0.0	0.0	190	3.2	e
9 Abx Mira	4	100.0	0.0	0.0	245	6.0	e*
10 Hitachi S40/M40	7	85.7	14.3	0.0	261	7.6	e*
11 Autolyser/DiaSys	7	100.0	0.0	0.0	192	7.2	e*

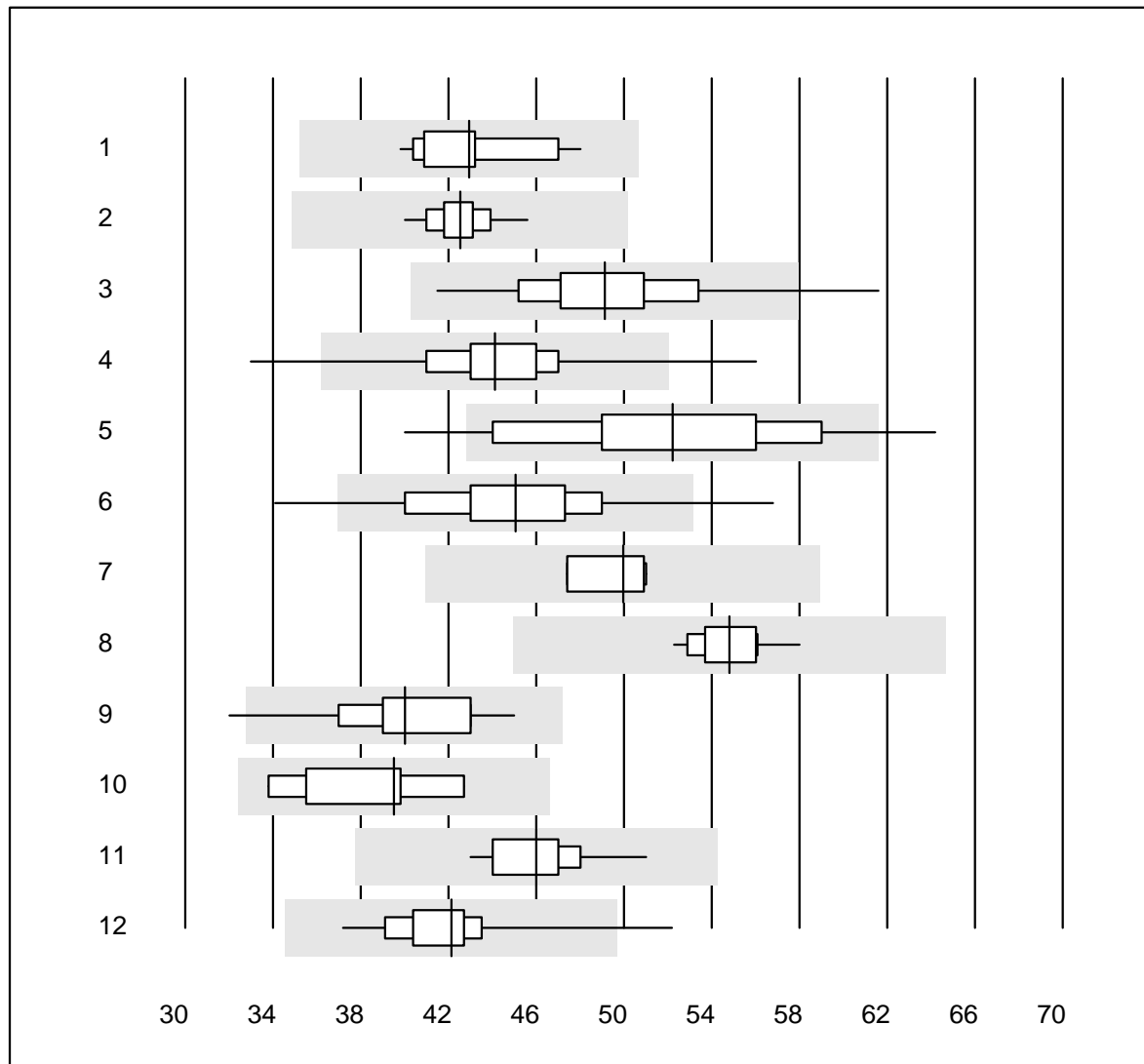
## Pancreatic amylase



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 IFCC	17	100.0	0.0	0.0	174	5.6	e
2 Cobas	13	100.0	0.0	0.0	188	4.2	e
3 Reflotron	313	97.4	1.3	1.3	162	5.4	e
4 Autolyser/DiaSys	9	100.0	0.0	0.0	178	5.7	e



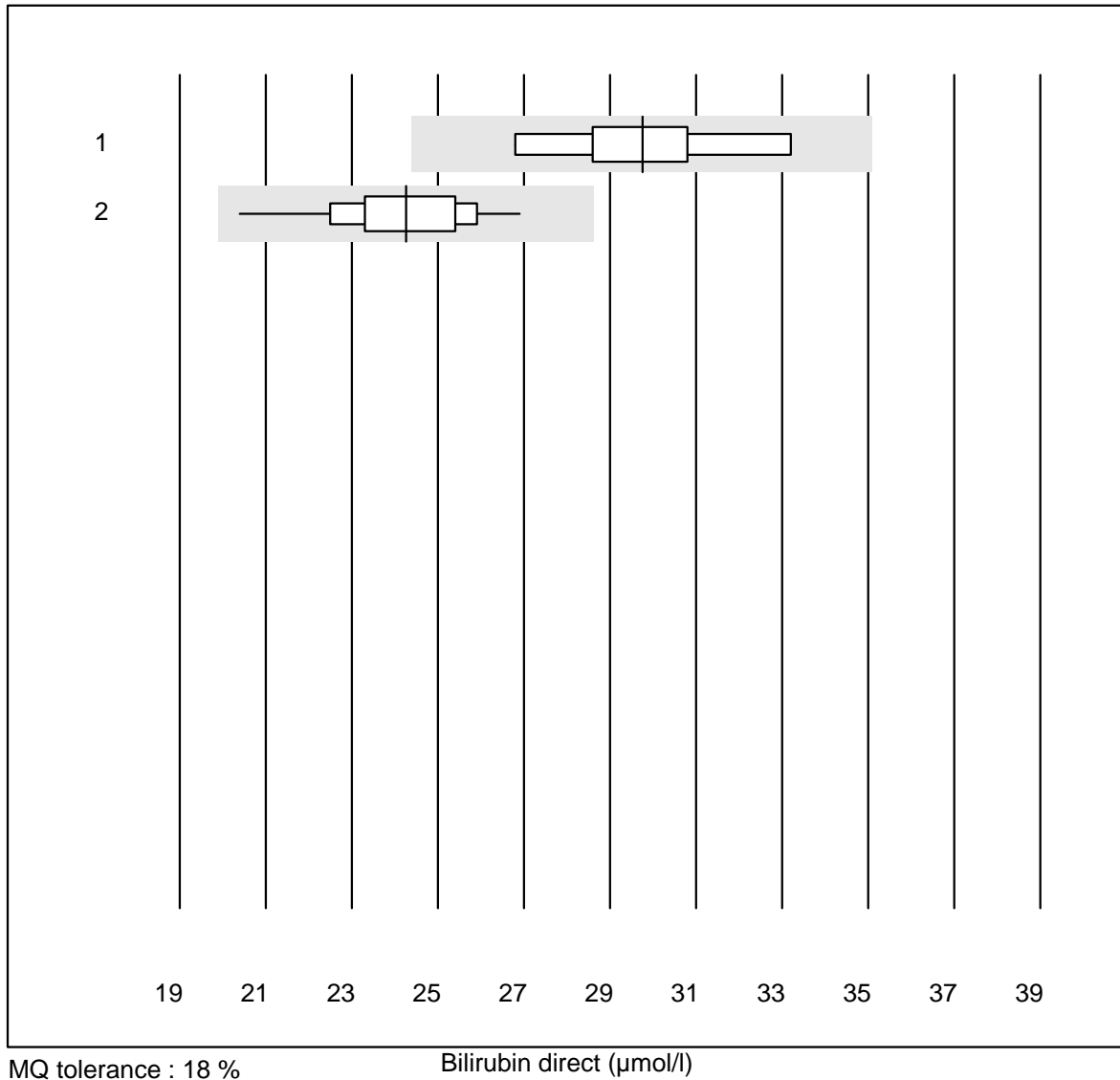
## Bilirubin



QUALAB Toleranz : 18 %

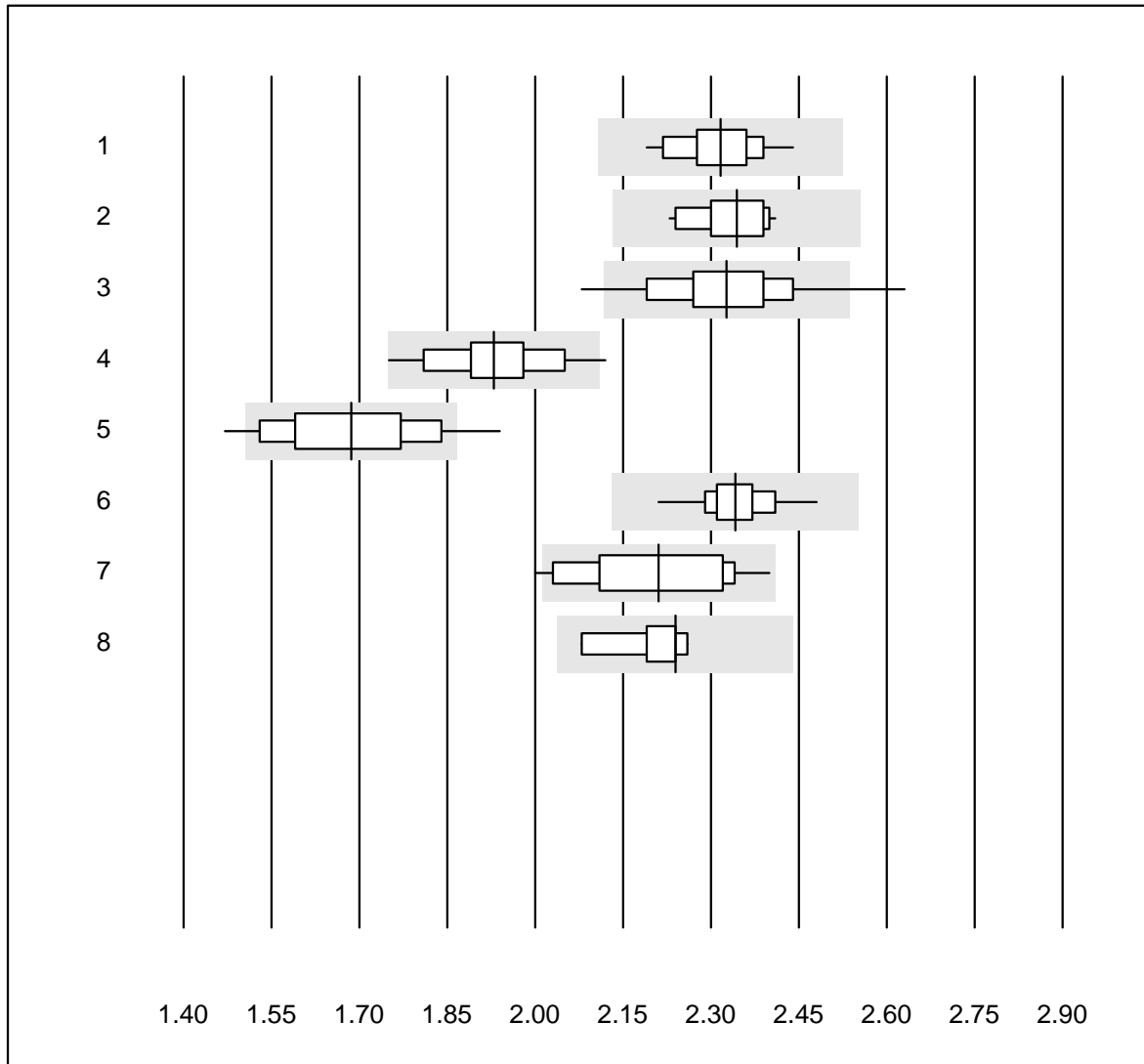
Bilirubin (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	12	100.0	0.0	0.0	43.0	6.0	e
2	Cobas	20	100.0	0.0	0.0	42.5	3.0	e
3	Reflotron	334	96.1	1.8	2.1	49.1	6.7	e
4	Fuji Dri-Chem	651	98.6	0.6	0.8	44.1	5.2	e
5	Spotchem/Ready	52	88.5	9.6	1.9	52.2	10.6	e
6	Spotchem D-Concept	244	96.8	2.0	1.2	45.1	7.5	e
7	Dimension	4	100.0	0.0	0.0	50.0	3.5	e
8	Beckman	11	100.0	0.0	0.0	54.8	2.9	e
9	Piccolo	51	94.1	2.0	3.9	40.0	7.0	e
10	Abx Mira	9	88.9	0.0	11.1	39.5	7.5	e*
11	Hitachi S40/M40	13	100.0	0.0	0.0	46.0	4.9	e
12	Autolyser/DiaSys	16	93.7	6.3	0.0	42.1	7.5	e

**Bilirubin direct**

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Autolyser/DiaSys	6	100.0	0.0	0.0	29.8	7.2	e*
2	Fuji Dri-Chem	26	100.0	0.0	0.0	24.3	6.1	e

## Calcium

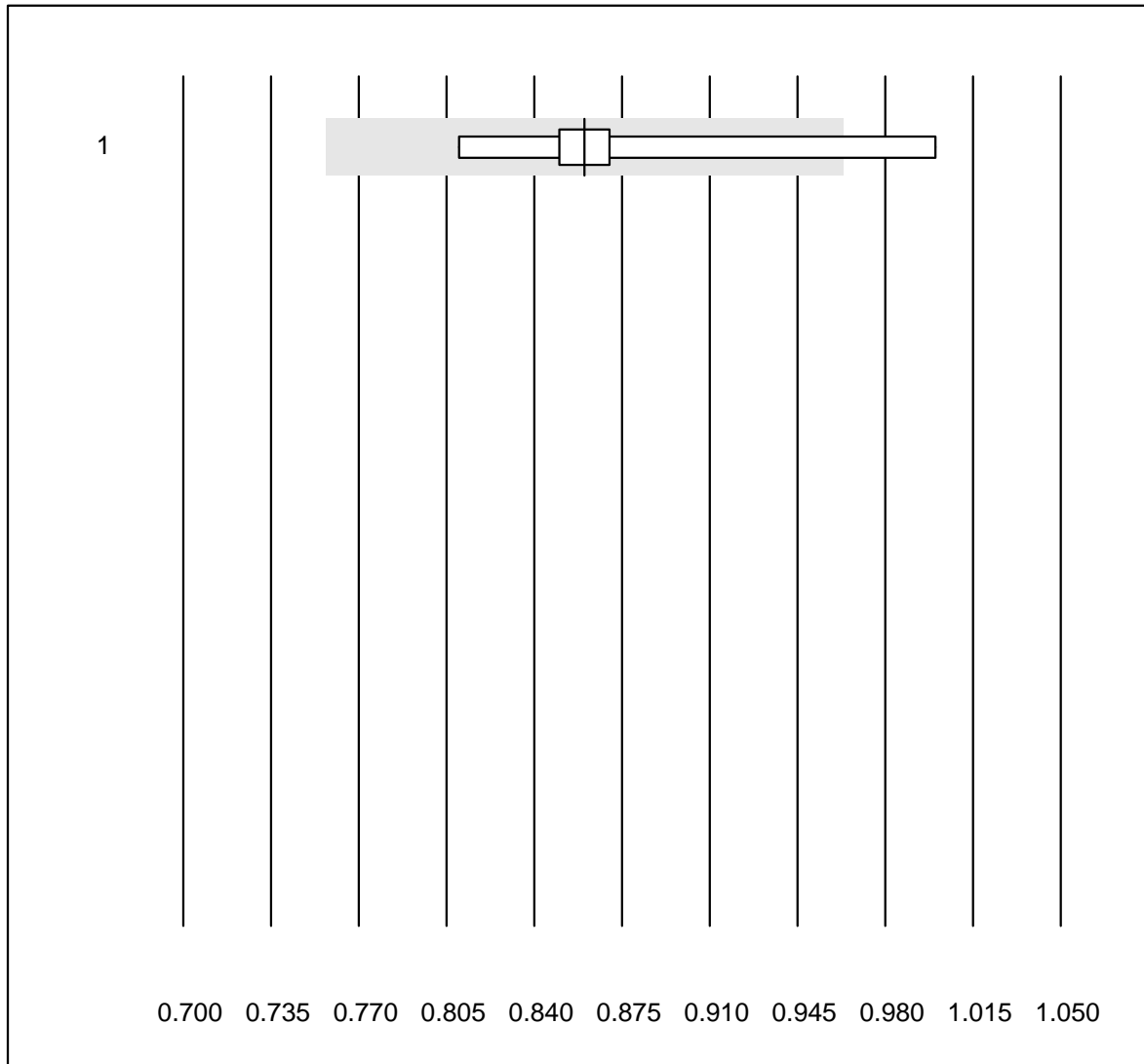


QUALAB Toleranz : 9 %  
( < 2.00: +/- 0.18 mmol/l)

Calcium (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	29	100.0	0.0	0.0	2.32	2.6	e
2	Cobas	23	100.0	0.0	0.0	2.34	2.5	e
3	Fuji Dri-Chem	352	97.4	2.0	0.6	2.33	4.0	e
4	Spotchem/Ready	16	74.9	6.3	18.8	1.93	5.0	e*
5	Spotchem D-Concept	90	73.3	10.0	16.7	1.69	6.9	e
6	Piccolo	48	95.8	0.0	4.2	2.34	2.1	e
7	Hitachi S40/M40	11	90.9	9.1	0.0	2.21	5.9	e*
8	Autolyser/DiaSys	9	100.0	0.0	0.0	2.24	2.7	e

## Calcium ISE

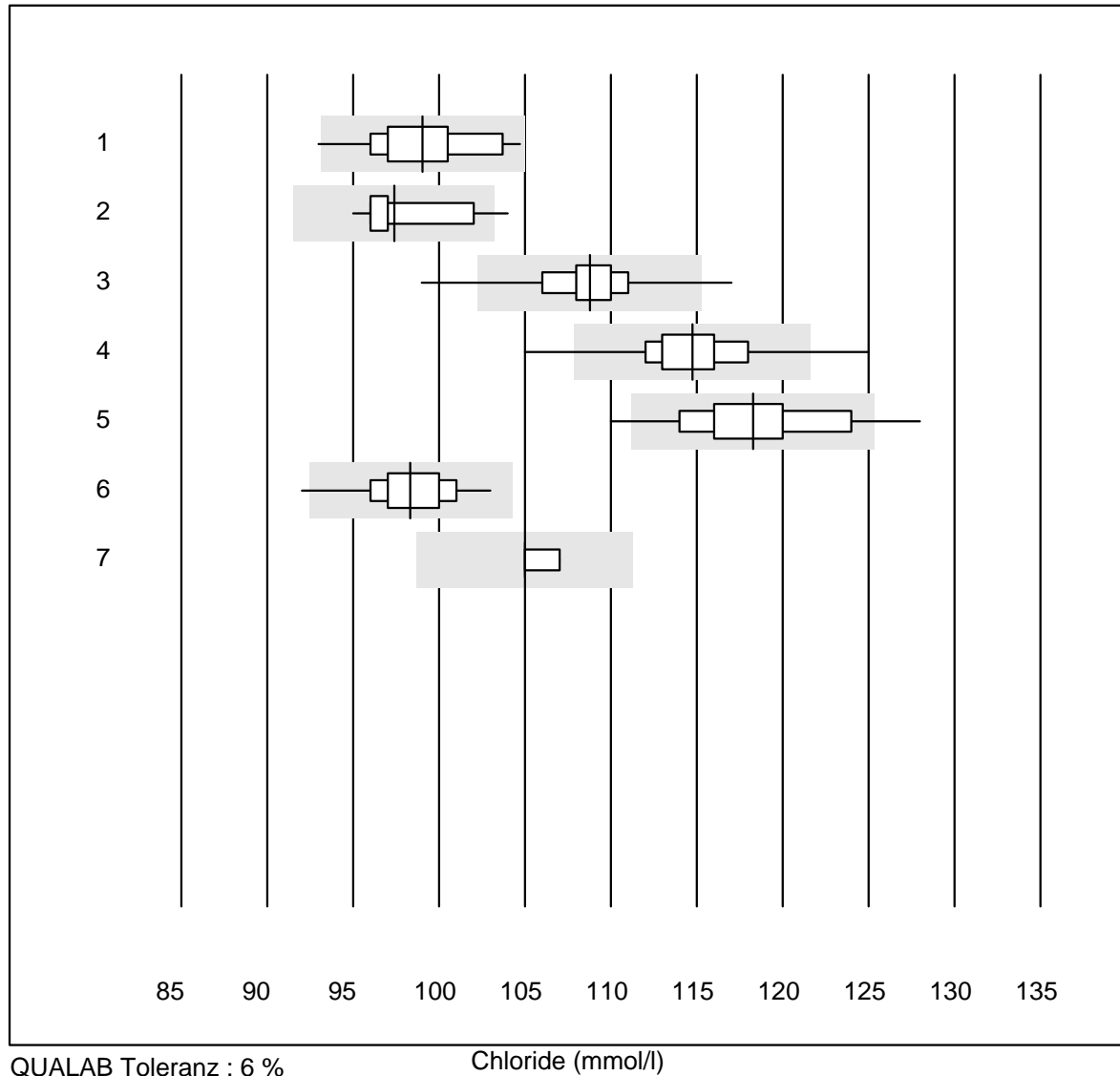


MQ tolerance : 12 %

Calcium ISE (mmol/l)

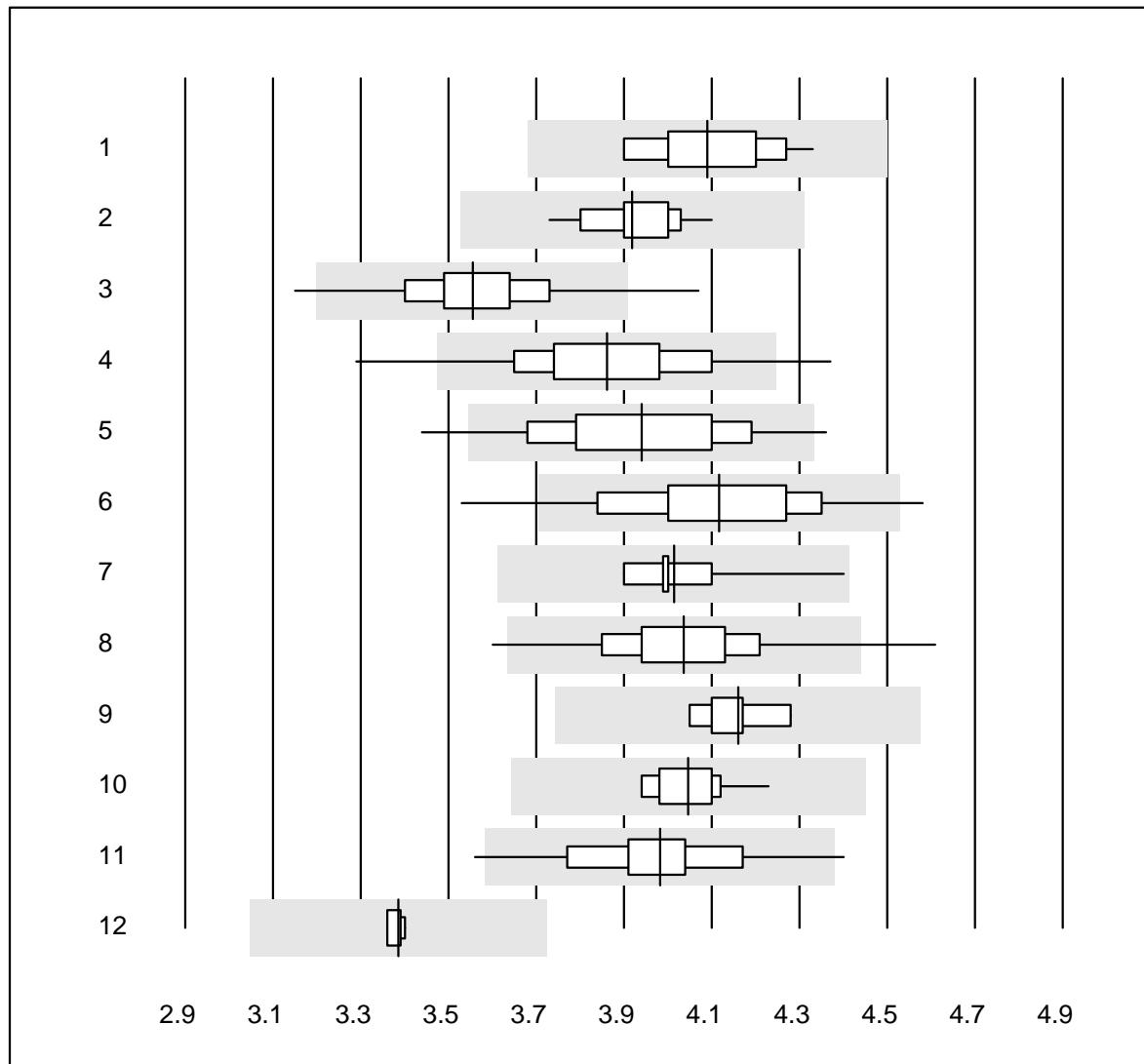
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat Chem8	6	83.3	16.7	0.0	0.86	7.4	e*

# Chloride



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	29	96.6	3.4	0.0	99	2.8	e
2	Cobas	13	92.3	7.7	0.0	97	2.7	e*
3	Fuji Dri-Chem	746	97.6	2.0	0.4	109	2.1	e
4	Spotchem D-Concept	281	95.7	3.6	0.7	115	2.3	e
5	Spotchem EL-SE 1520	65	87.7	7.7	4.6	118	3.2	e
6	Piccolo	24	95.8	4.2	0.0	98	2.4	e
7	iStat Chem8	5	100.0	0.0	0.0	105	0.8	e

## Cholesterol total

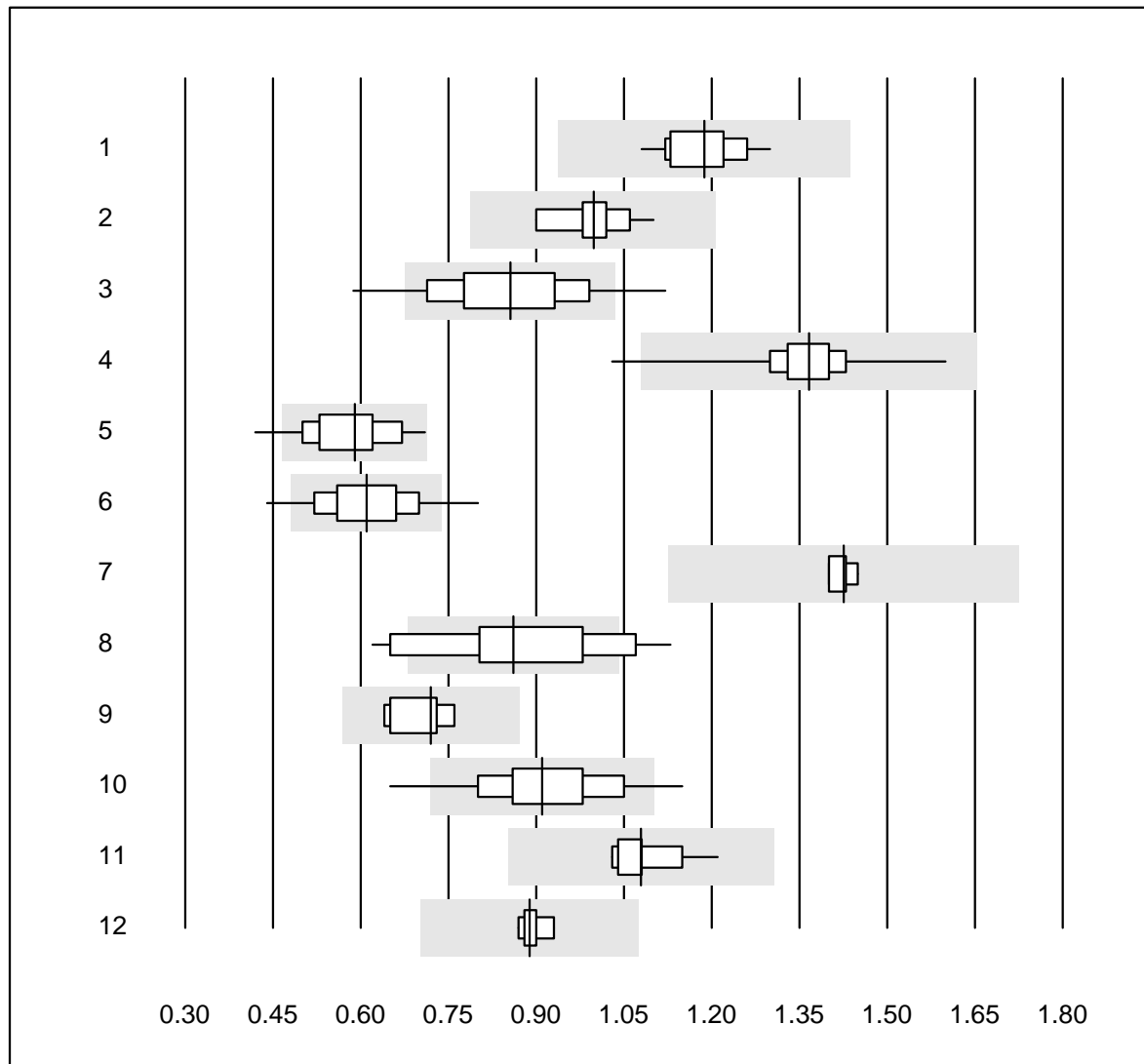


QUALAB Toleranz : 10 %

Cholesterol total (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	28	96.4	0.0	3.6	4.09	3.2	e
2	Cobas	21	100.0	0.0	0.0	3.92	2.5	e
3	Reflotron	376	97.9	1.3	0.8	3.56	3.8	e
4	Fuji Dri-Chem	801	97.7	1.4	0.9	3.86	4.4	e
5	Spotchem/Ready	75	93.4	5.3	1.3	3.94	5.1	e
6	Spotchem D-Concept	307	94.8	4.9	0.3	4.12	4.9	e
7	Piccolo	21	100.0	0.0	0.0	4.01	2.8	e
8	Cholestech LDX	315	97.1	1.0	1.9	4.04	3.6	e
9	Abx Mira	7	85.7	0.0	14.3	4.16	1.9	e
10	Hitachi S40/M40	10	100.0	0.0	0.0	4.05	2.1	e
11	Autolyser/DiaSys	18	83.3	11.1	5.6	3.98	4.4	e
12	Other methods	4	100.0	0.0	0.0	3.39	0.5	e

## Cholesterin HDL

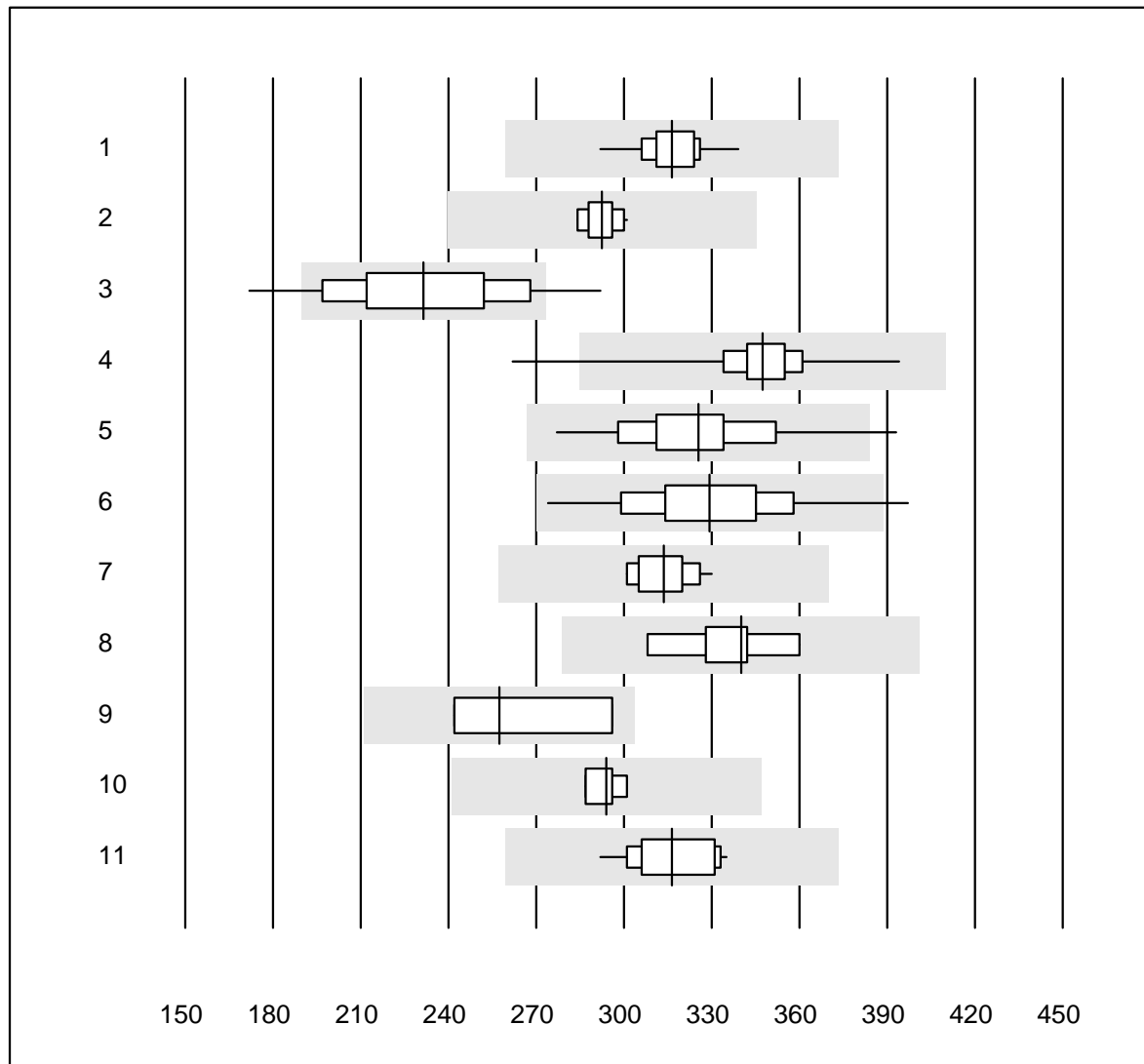


QUALAB Toleranz : 21 %

Cholesterin HDL (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Wet chemistry, direc	11	100.0	0.0	0.0	1.19	5.4	e
2	Cobas	19	100.0	0.0	0.0	1.00	5.2	e
3	Reflotron	271	84.2	9.2	6.6	0.86	12.6	e
4	Fuji Dri-Chem	779	99.1	0.1	0.8	1.37	3.9	e
5	Spotchem/Ready	67	91.0	6.0	3.0	0.59	11.3	e
6	Spotchem D-Concept	301	91.1	6.6	2.3	0.61	11.4	e
7	Dimension	4	100.0	0.0	0.0	1.43	1.5	e
8	Piccolo	19	73.6	21.1	5.3	0.86	15.1	e*
9	Pentra/Selectra	9	88.9	0.0	11.1	0.72	6.1	e
10	Cholestech LDX	316	93.3	3.5	3.2	0.91	10.1	e
11	Hitachi S40/M40	10	100.0	0.0	0.0	1.08	5.3	e
12	Architect	6	100.0	0.0	0.0	0.89	2.3	e
13	Autolyser/DiaSys	18	100.0	0.0	0.0	1.12	5.8	e

## Creatine kinase



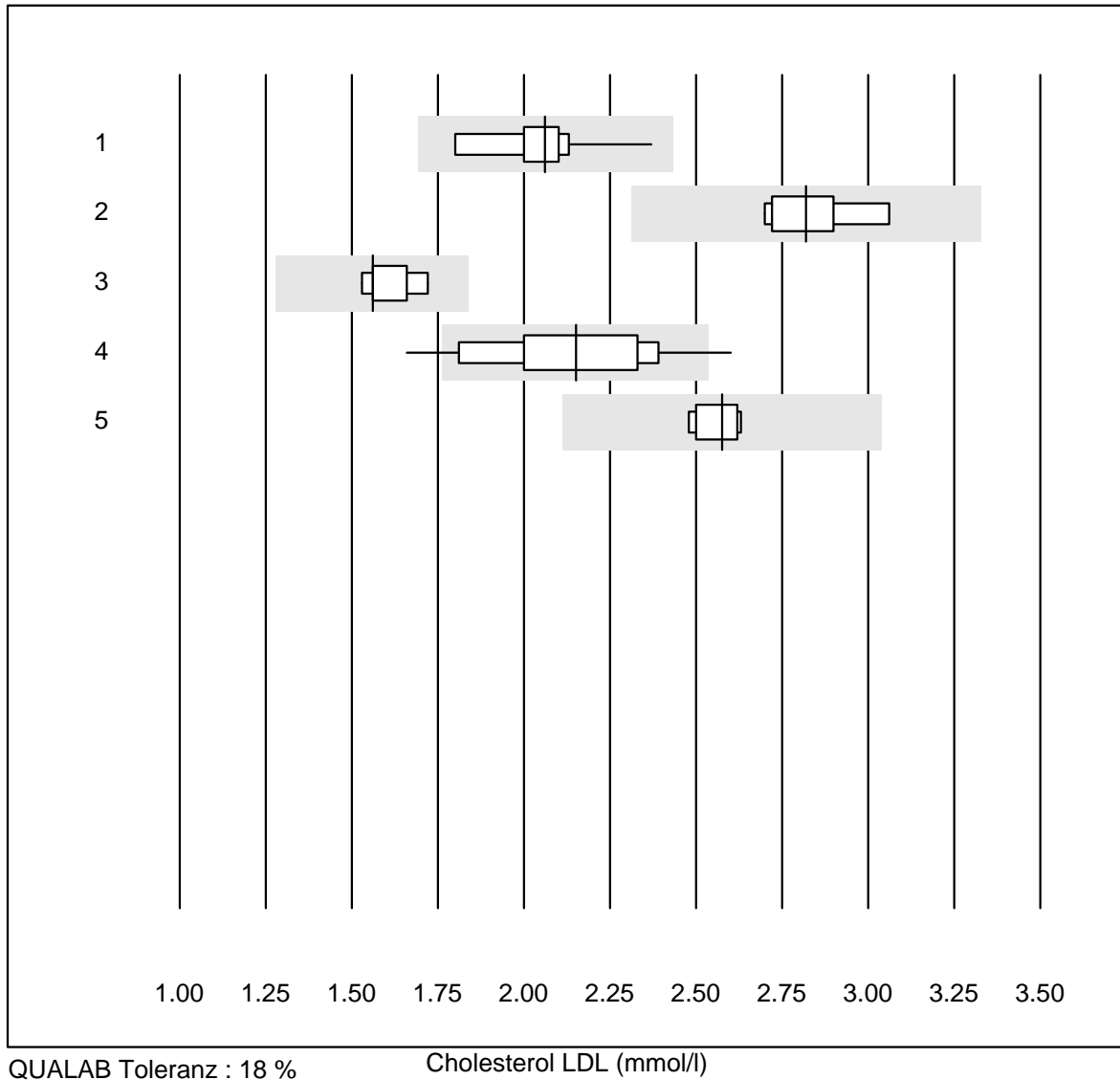
QUALAB Toleranz : 18 %

Creatine kinase (U/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 IFCC	23	100.0	0.0	0.0	316	3.2	e
2 Cobas	19	100.0	0.0	0.0	292	1.8	e
3 Reflotron	303	83.8	8.9	7.3	232	11.2	e
4 Fuji Dri-Chem	542	97.9	0.6	1.5	347	3.9	e
5 Spotchem/Ready	33	97.0	3.0	0.0	325	7.1	e
6 Spotchem D-Concept	191	98.5	0.5	1.0	329	6.8	e
7 Piccolo	16	100.0	0.0	0.0	314	2.9	e
8 Abx Mira	5	100.0	0.0	0.0	340	5.7	e*
9 Hitachi S40/M40	4	75.0	0.0	25.0	258	10.0	e*
10 Dimension	4	100.0	0.0	0.0	294	2.0	e
11 Autolyser/DiaSys	15	100.0	0.0	0.0	316	4.3	e

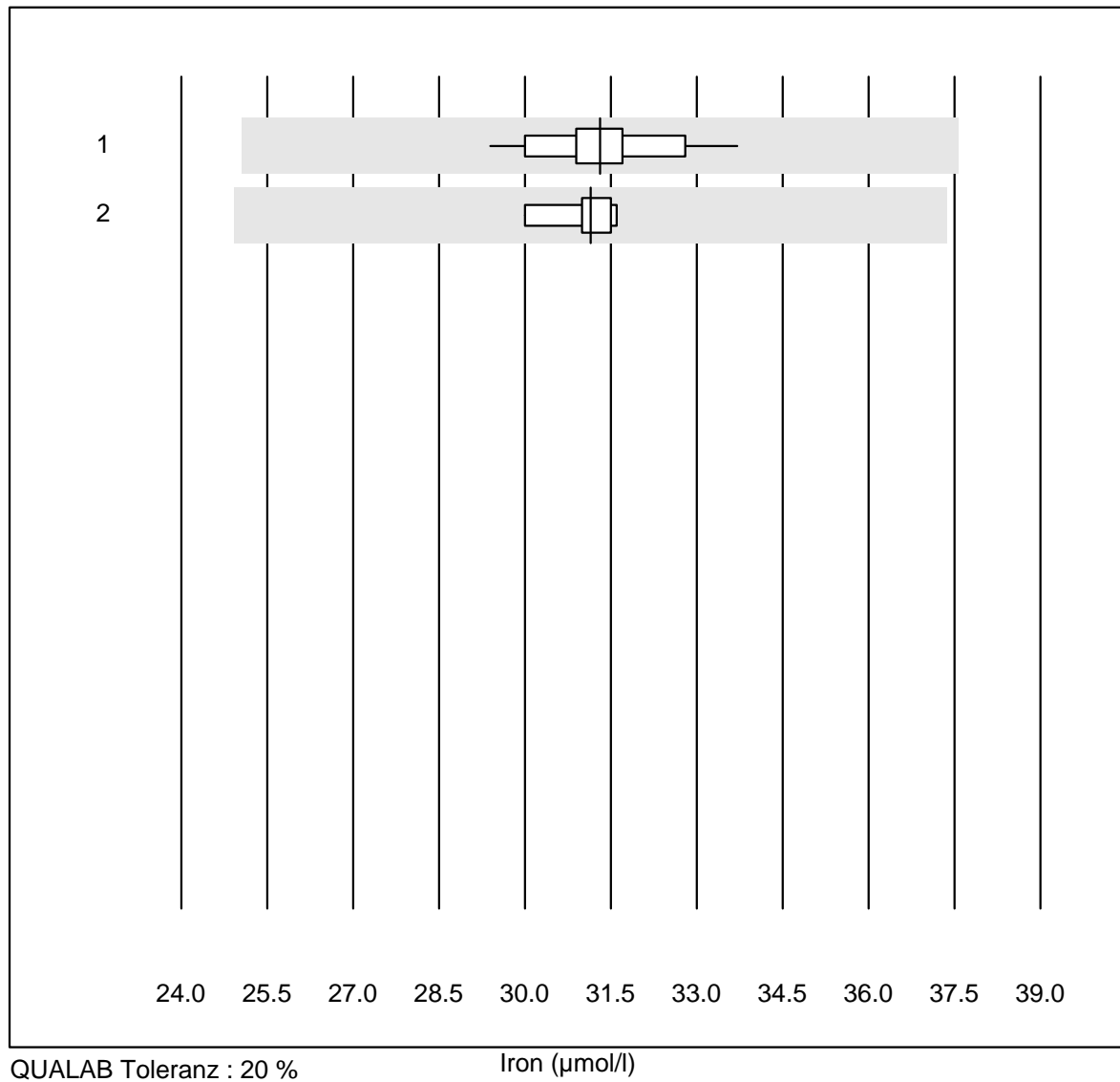


## Cholesterol LDL



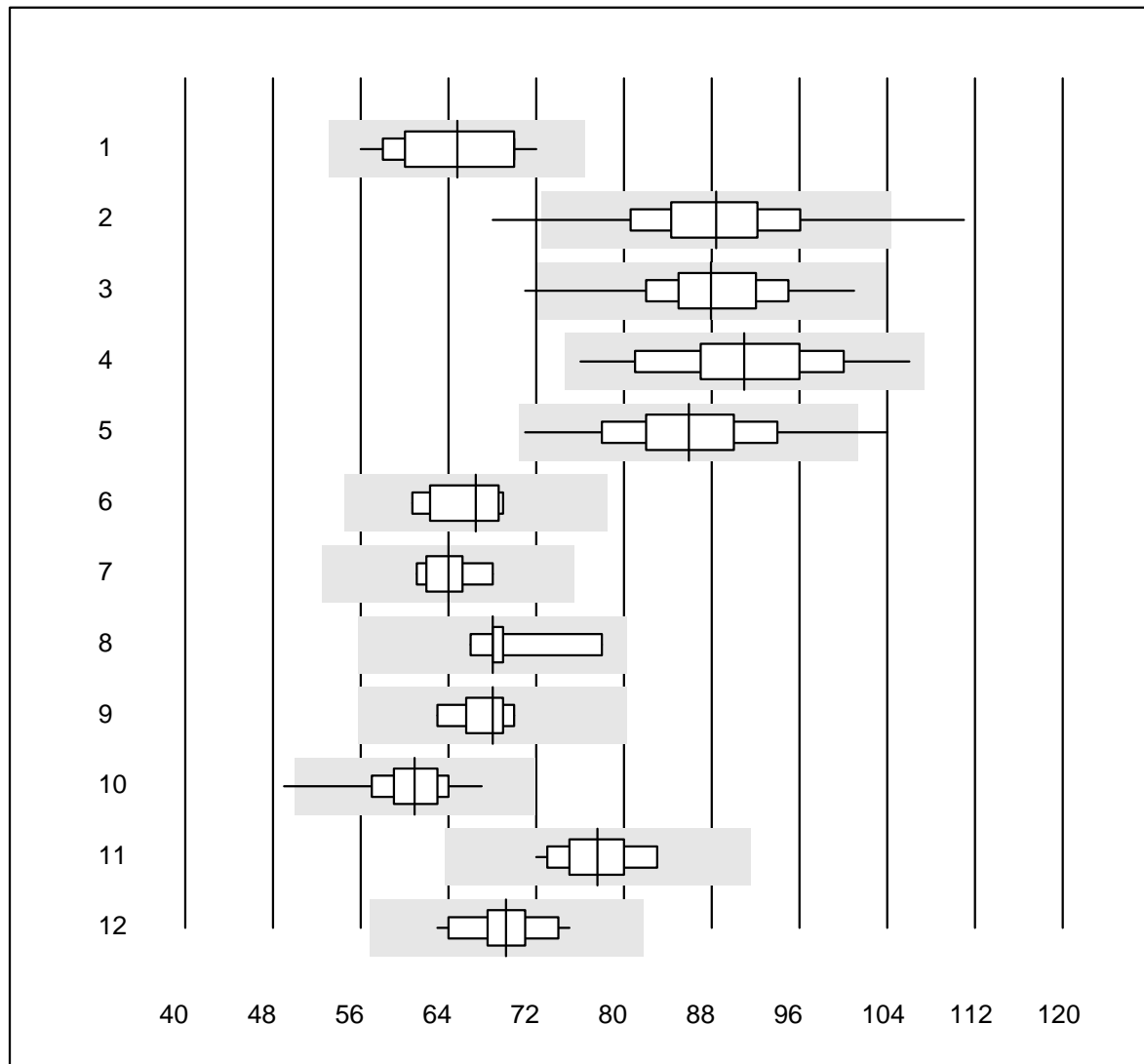
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	10	100.0	0.0	0.0	2.1	6.9	e*
2	Roche, Cobas	8	100.0	0.0	0.0	2.8	4.2	e
3	Hitachi S40/M40	5	100.0	0.0	0.0	1.6	5.0	e*
4	Autolyser/DiaSys	13	84.6	15.4	0.0	2.2	11.9	e*
5	Beckman	8	100.0	0.0	0.0	2.6	2.3	e

# Iron



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	31	3.2	e
2	Cobas	10	100.0	0.0	0.0	31	1.5	e

## Gamma-glutamyltransferase

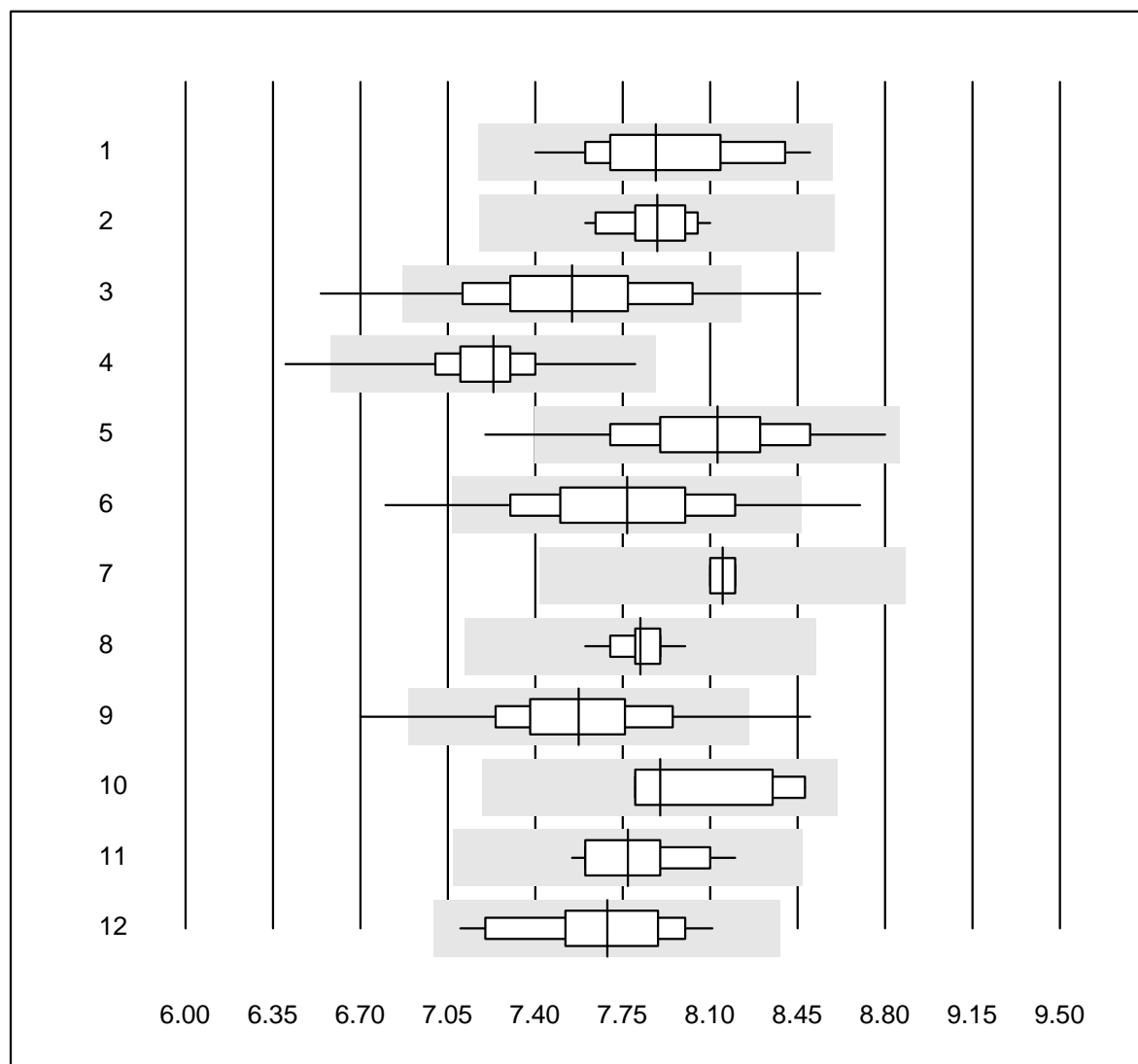


QUALAB Toleranz : 18 %

Gamma-glutamyltransferase (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas	22	100.0	0.0	0.0	65	7.6	e
2	Reflotron	591	97.3	0.8	1.9	88	6.9	e
3	Fuji Dri-Chem	894	99.3	0.1	0.6	88	5.6	e
4	Spotchem/Ready	82	100.0	0.0	0.0	91	7.7	e
5	Spotchem D-Concept	346	98.8	0.3	0.9	86	7.0	e
6	Selectra/Biolis	6	100.0	0.0	0.0	67	5.2	e
7	Architect	7	100.0	0.0	0.0	64	3.6	e
8	Dimension	9	100.0	0.0	0.0	68	5.4	e
9	IFCC Beckmann	7	100.0	0.0	0.0	68	3.6	e
10	Piccolo	40	97.5	2.5	0.0	61	5.3	e
11	Hitachi S40/M40	15	100.0	0.0	0.0	78	4.5	e
12	Autolyser/DiaSys	18	100.0	0.0	0.0	69	4.7	e

## Glucose

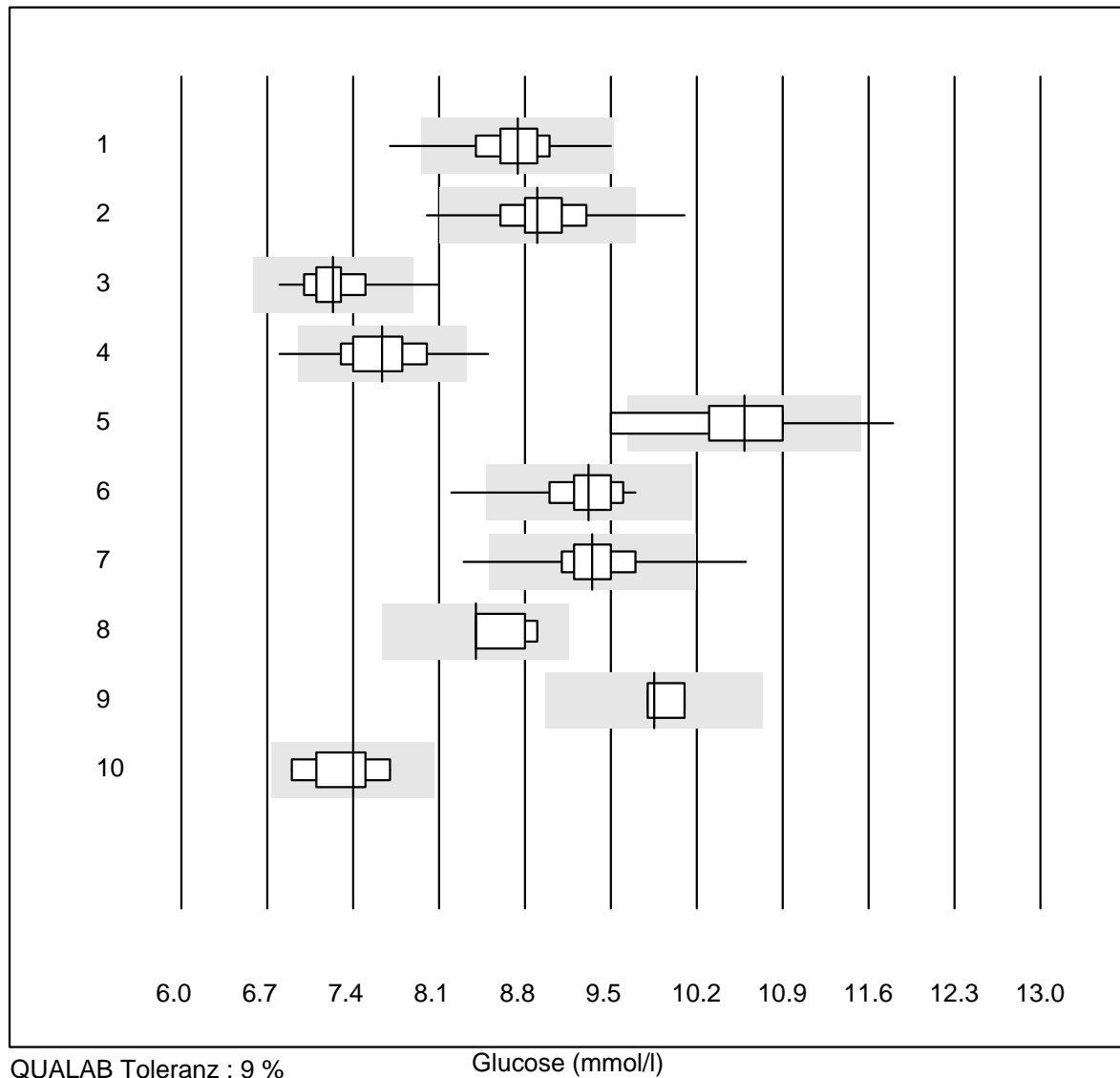


QUALAB Toleranz : 9 %

Glucose (mmol/l)

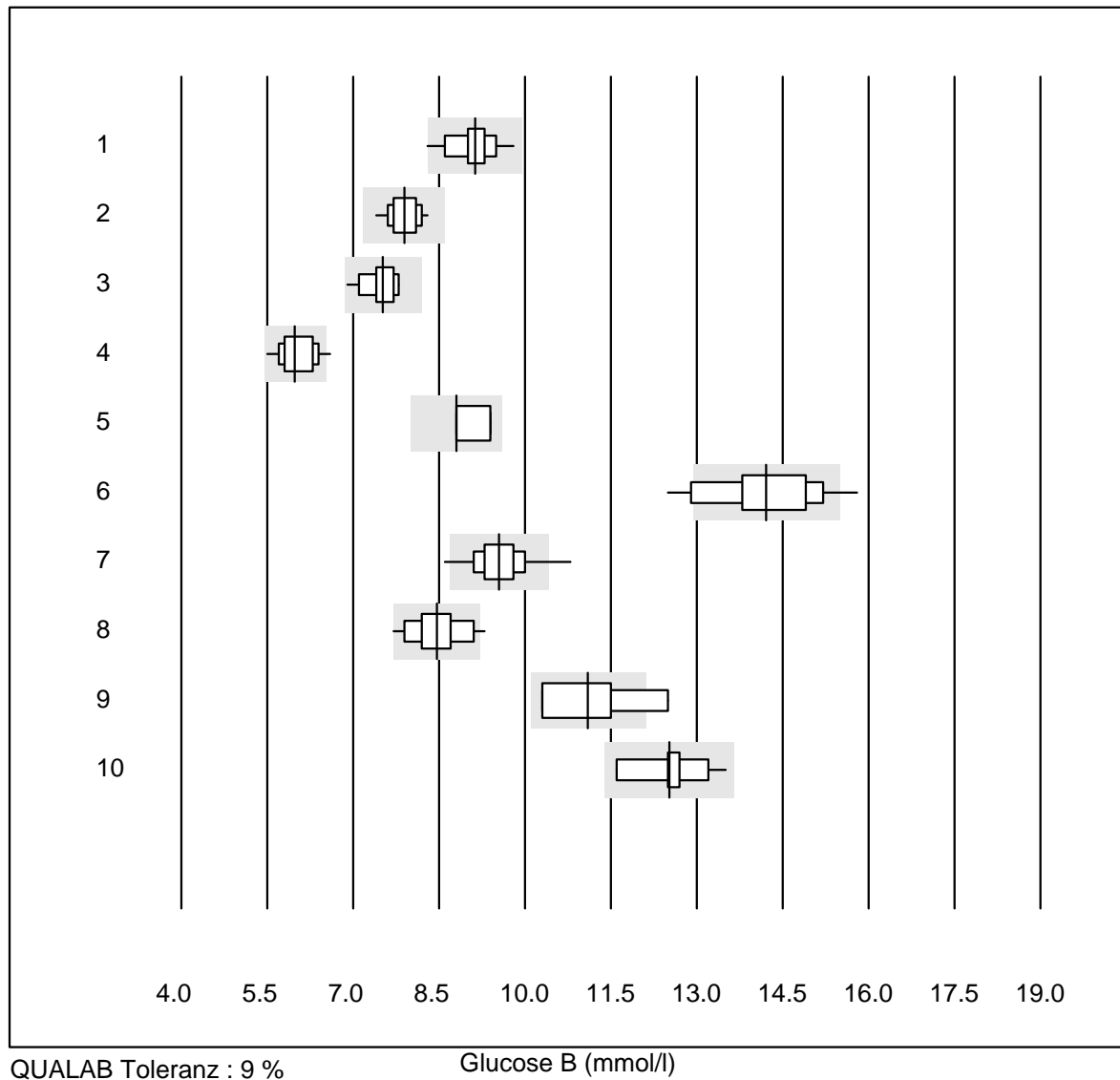
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	29	100.0	0.0	0.0	7.9	3.6	e
2	Cobas	20	100.0	0.0	0.0	7.9	1.8	e
3	Reflotron	589	91.8	5.8	2.4	7.5	4.7	e
4	Fuji Dri-Chem	847	99.3	0.5	0.2	7.2	2.3	e
5	Spotchem/Ready	75	96.0	2.7	1.3	8.1	4.1	e
6	Spotchem D-Concept	321	97.2	1.9	0.9	7.8	4.3	e
7	Dimension	4	100.0	0.0	0.0	8.2	0.7	e
8	Piccolo	55	100.0	0.0	0.0	7.8	1.3	e
9	Cholestech LDX	306	97.1	2.6	0.3	7.6	3.8	e
10	Abx Mira	7	85.7	0.0	14.3	7.9	3.8	e*
11	Hitachi S40/M40	16	100.0	0.0	0.0	7.8	2.7	e
12	Autolyser/DiaSys	18	100.0	0.0	0.0	7.7	3.9	e
13	iStat Chem8	7	100.0	0.0	0.0	7.1	1.6	e

## Glucose



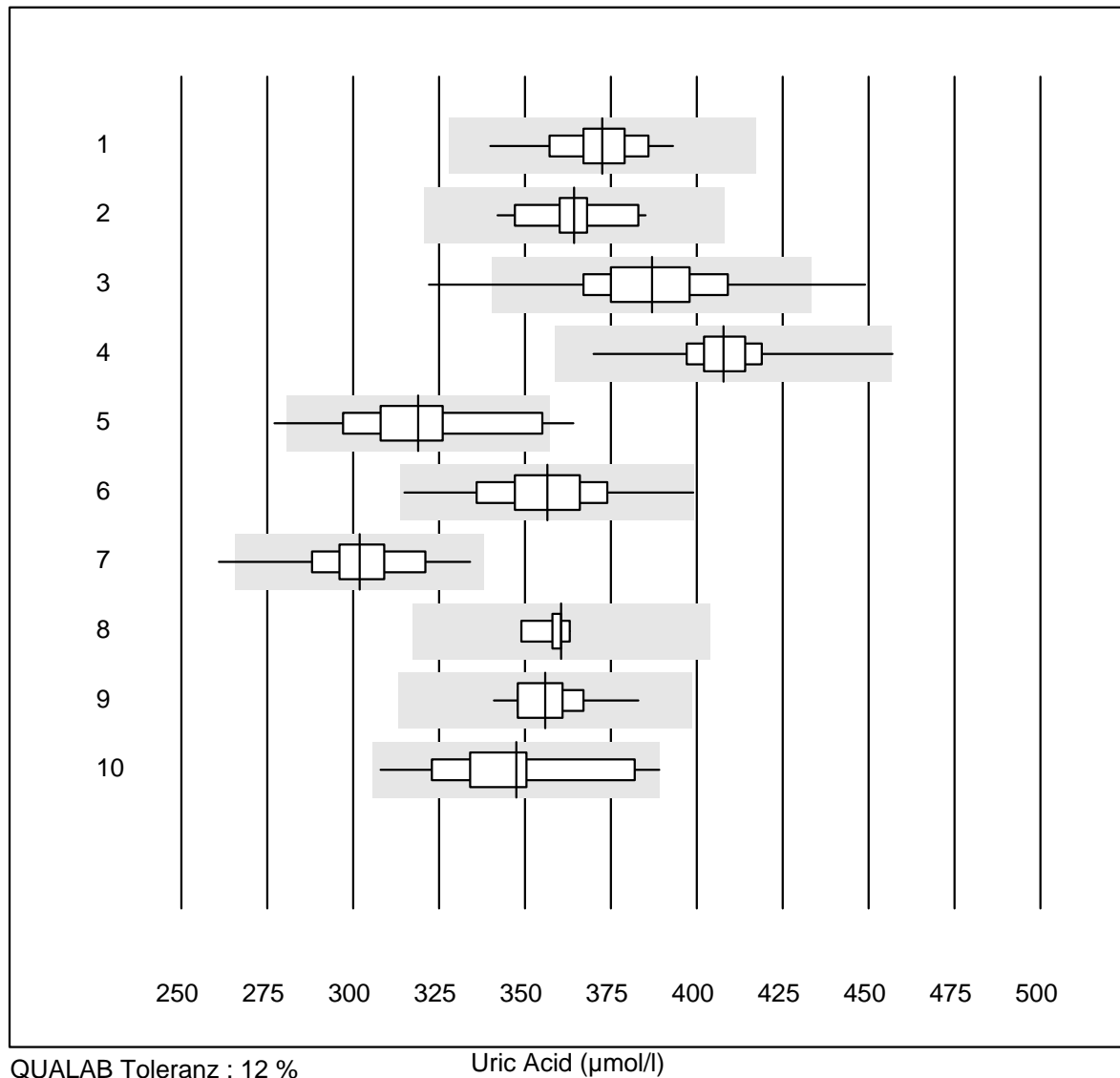
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Accu-Chek Aviva	412	97.8	1.2	1.0	8.7	3.1	e
2	Accu-Chek Inform 2	720	93.6	1.3	5.1	8.9	3.2	e
3	Accu-Check Guide	214	97.7	2.3	0.0	7.2	2.9	e
4	Contour XT	1197	97.3	1.8	0.9	7.6	3.7	e
5	Glucocard	12	66.6	16.7	16.7	10.6	5.8	e*
6	Hemocue 201+ P-equiv	99	99.0	1.0	0.0	9.3	2.5	e
7	Hemocue 201RT P-equiv	111	94.6	2.7	2.7	9.3	2.8	e
8	Freestyle Freedom li	5	100.0	0.0	0.0	8.4	2.9	e*
9	Sanofi BG Star	4	75.0	0.0	25.0	9.9	1.5	e
10	Contour NEXT ONE	9	100.0	0.0	0.0	7.4	4.0	e*

## Glucose B



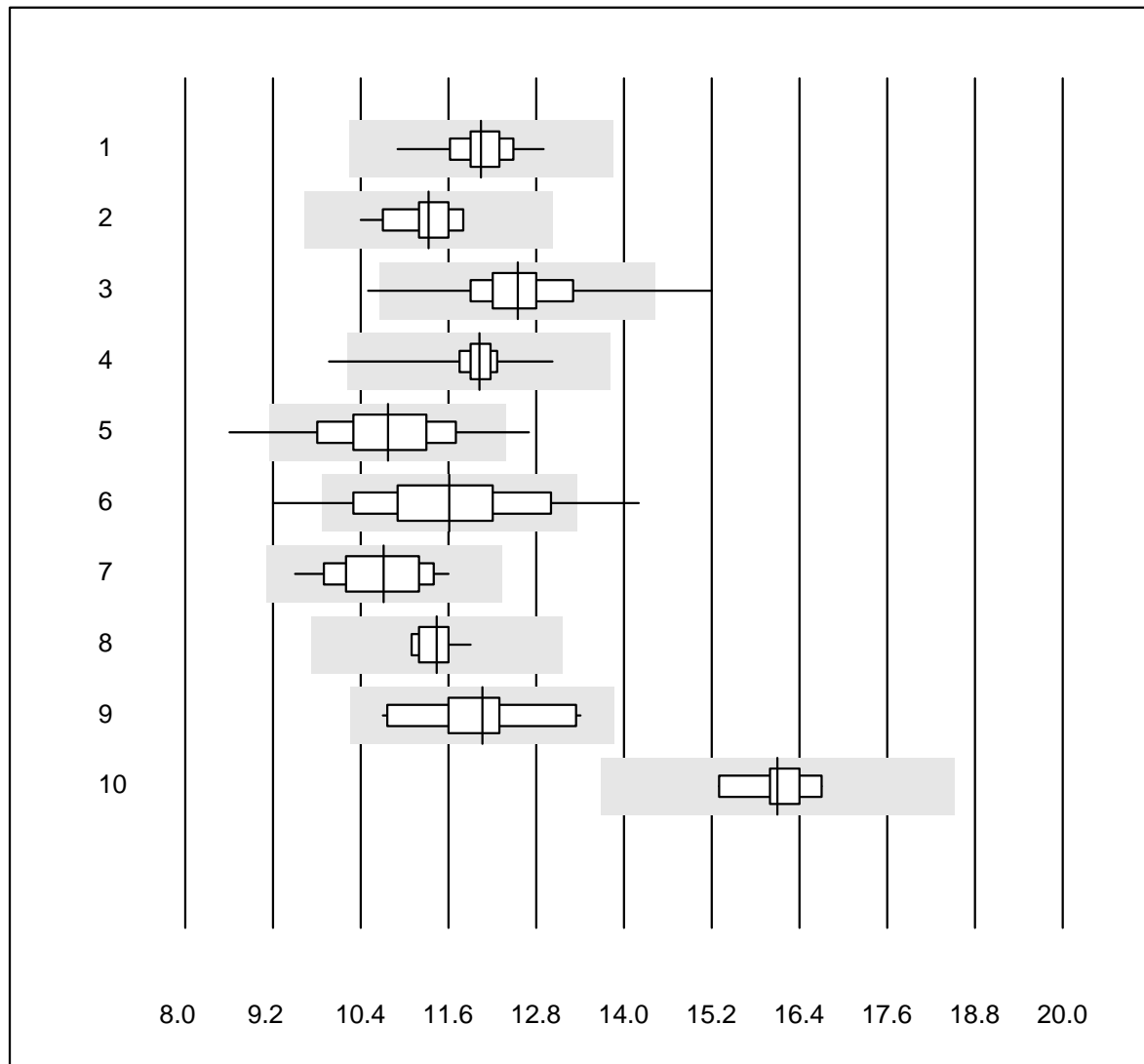
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Hemocue 201+ (alt)	42	97.6	2.4	0.0	9.1	3.9	e
2	AccuChek Sensor	30	90.0	0.0	10.0	7.9	2.9	e
3	OneTouch Verio	26	100.0	0.0	0.0	7.5	3.3	e
4	Contour 2 (5s)	18	94.4	5.6	0.0	6.0	5.3	e*
5	Contour (15s)	5	60.0	0.0	40.0	8.8	3.3	e*
6	Healthpro	36	77.7	16.7	5.6	14.2	5.7	e
7	Mylife UNIO	289	96.2	2.4	1.4	9.6	4.0	e
8	mylife Pura	69	94.2	5.8	0.0	8.5	4.7	e
9	Omnitest	9	77.8	22.2	0.0	11.1	7.3	e*
10	Alpha Check	22	72.7	0.0	27.3	12.5	4.1	e

## Uric Acid



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	30	96.7	0.0	3.3	373	3.0	e
2	Cobas	19	100.0	0.0	0.0	364	2.9	e
3	Reflotron	519	96.7	2.5	0.8	387	4.7	e
4	Fuji Dri-Chem	831	99.8	0.1	0.1	408	2.3	e
5	Spotchem/Ready	64	87.5	9.4	3.1	319	6.3	e
6	Spotchem D-Concept	322	100.0	0.0	0.0	356	4.2	e
7	Piccolo	26	96.2	3.8	0.0	302	4.9	e
8	Abx Mira	7	71.4	0.0	28.6	361	1.5	e
9	Hitachi S40/M40	15	100.0	0.0	0.0	356	2.9	e
10	Autolyser/DiaSys	17	94.1	0.0	5.9	347	6.3	e*

## Urea



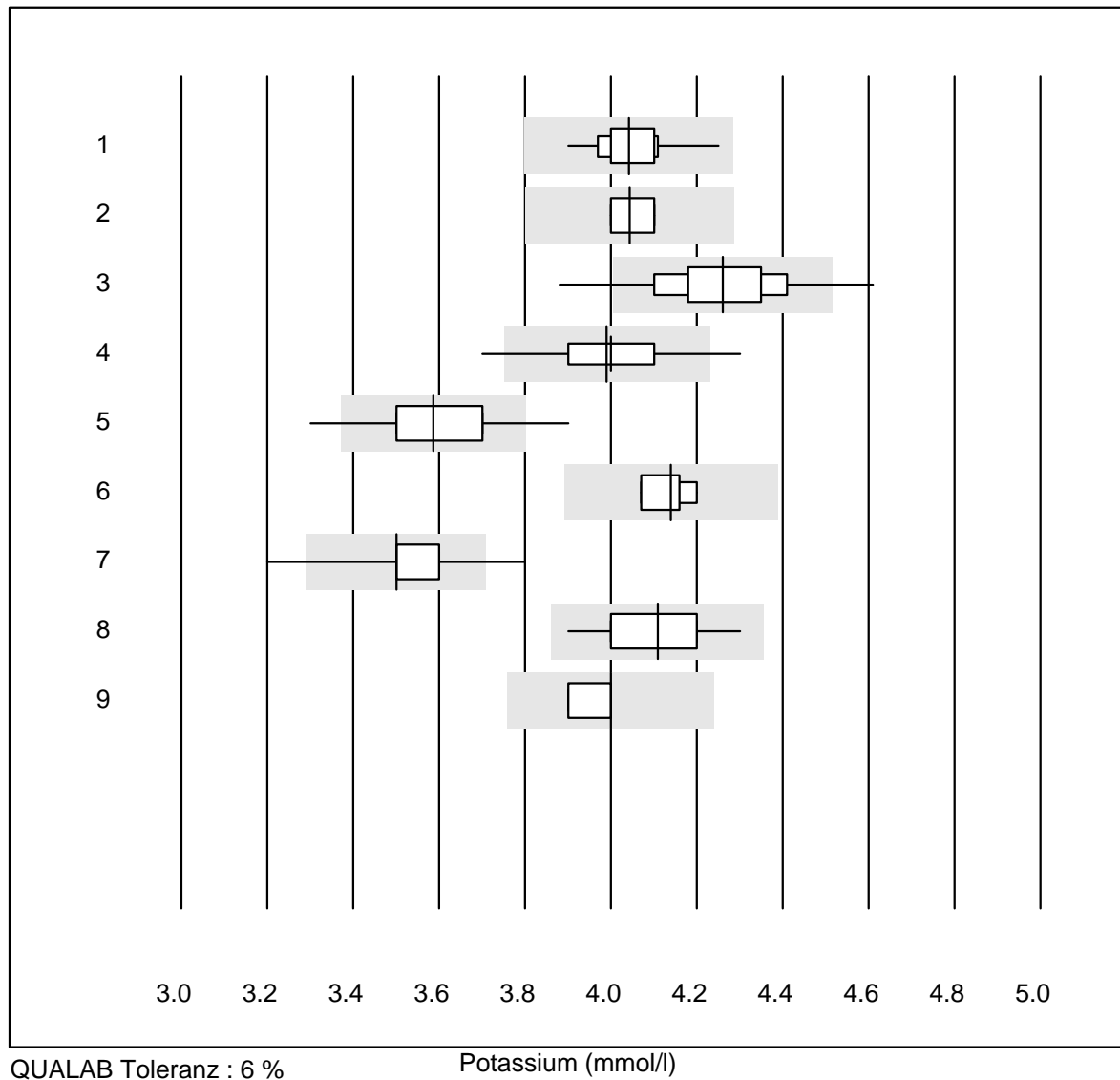
QUALAB Toleranz : 15 %

Urea (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	27	100.0	0.0	0.0	12.0	3.1	e
2	Cobas	22	100.0	0.0	0.0	11.3	3.5	e
3	Reflotron	238	97.0	1.7	1.3	12.5	4.8	e
4	Fuji Dri-Chem	495	99.0	0.2	0.8	12.0	2.2	e
5	Spotchem/Ready	45	86.7	4.4	8.9	10.8	7.2	e
6	Spotchem D-Concept	196	88.3	9.7	2.0	11.6	8.7	e
7	Piccolo	48	97.9	0.0	2.1	10.7	5.1	e
8	Hitachi S40/M40	11	100.0	0.0	0.0	11.4	2.1	e
9	Autolyser/DiaSys	14	100.0	0.0	0.0	12.1	6.4	e
10	iStat Chem8	6	100.0	0.0	0.0	16.1	2.9	e

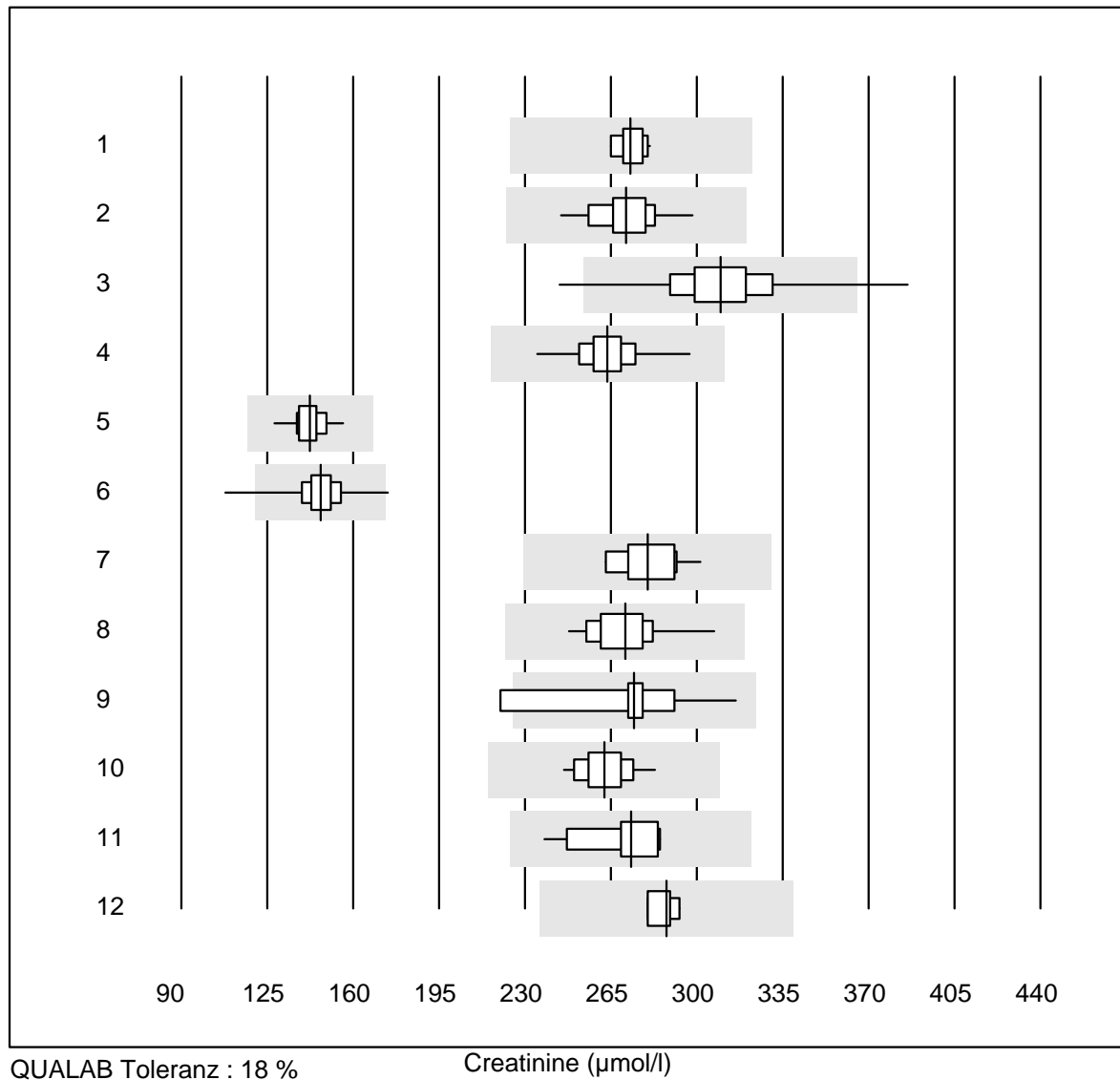


# Potassium



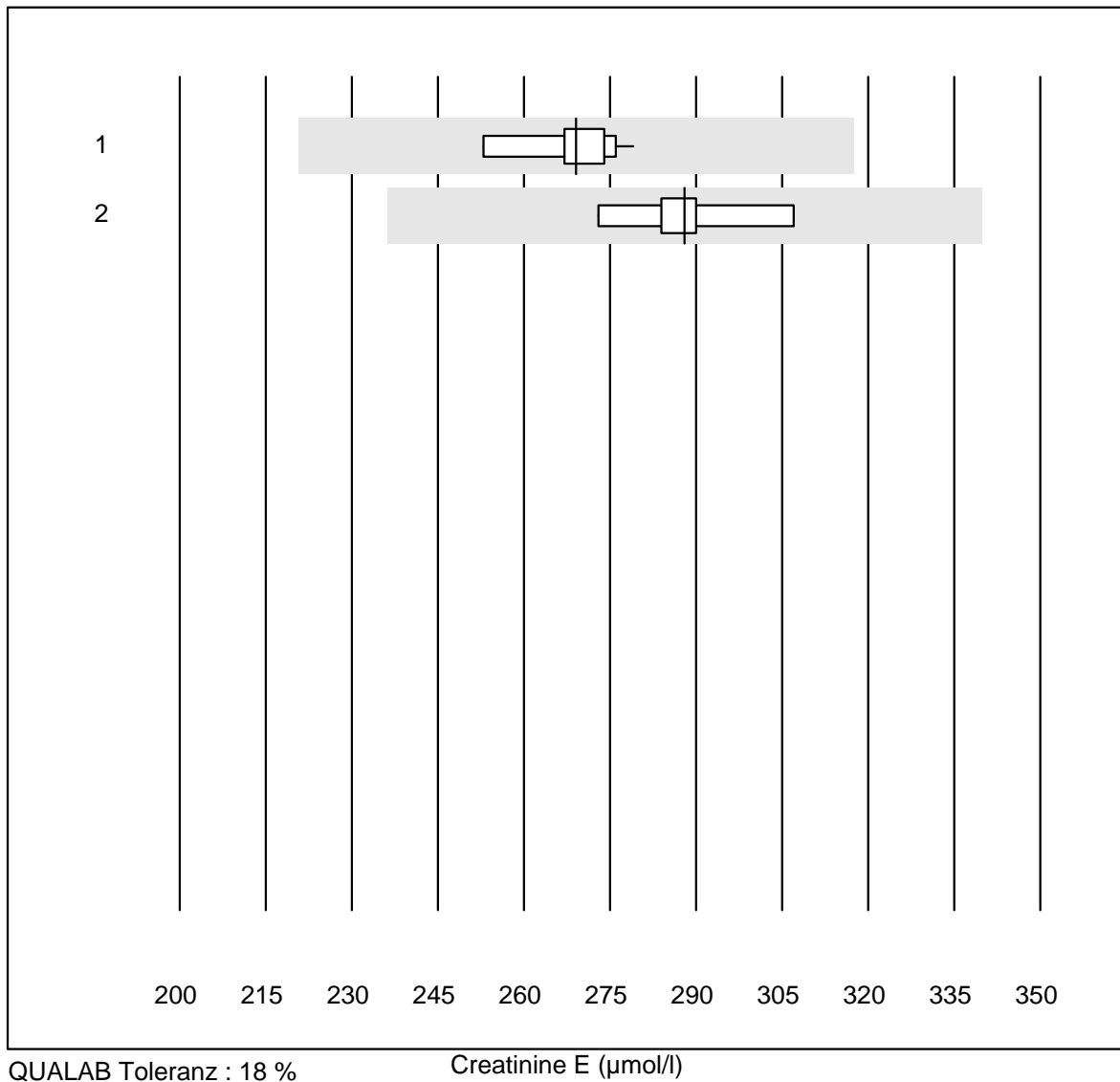
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	41	100.0	0.0	0.0	4.04	1.8	e
2	Cobas	22	100.0	0.0	0.0	4.04	1.1	e
3	Reflotron	534	92.1	5.8	2.1	4.26	3.0	e
4	Fuji Dri-Chem	877	98.4	0.6	1.0	3.99	1.6	e
5	Spotchem D-Concept	327	99.1	0.6	0.3	3.59	2.7	e
6	Autolyser/DiaSys	4	100.0	0.0	0.0	4.14	1.3	e
7	Spotchem EL-SE 1520	71	95.8	2.8	1.4	3.50	2.5	e
8	Piccolo	37	89.2	0.0	10.8	4.11	2.7	e
9	iStat Chem8	8	100.0	0.0	0.0	4.00	1.3	e

## Creatinine



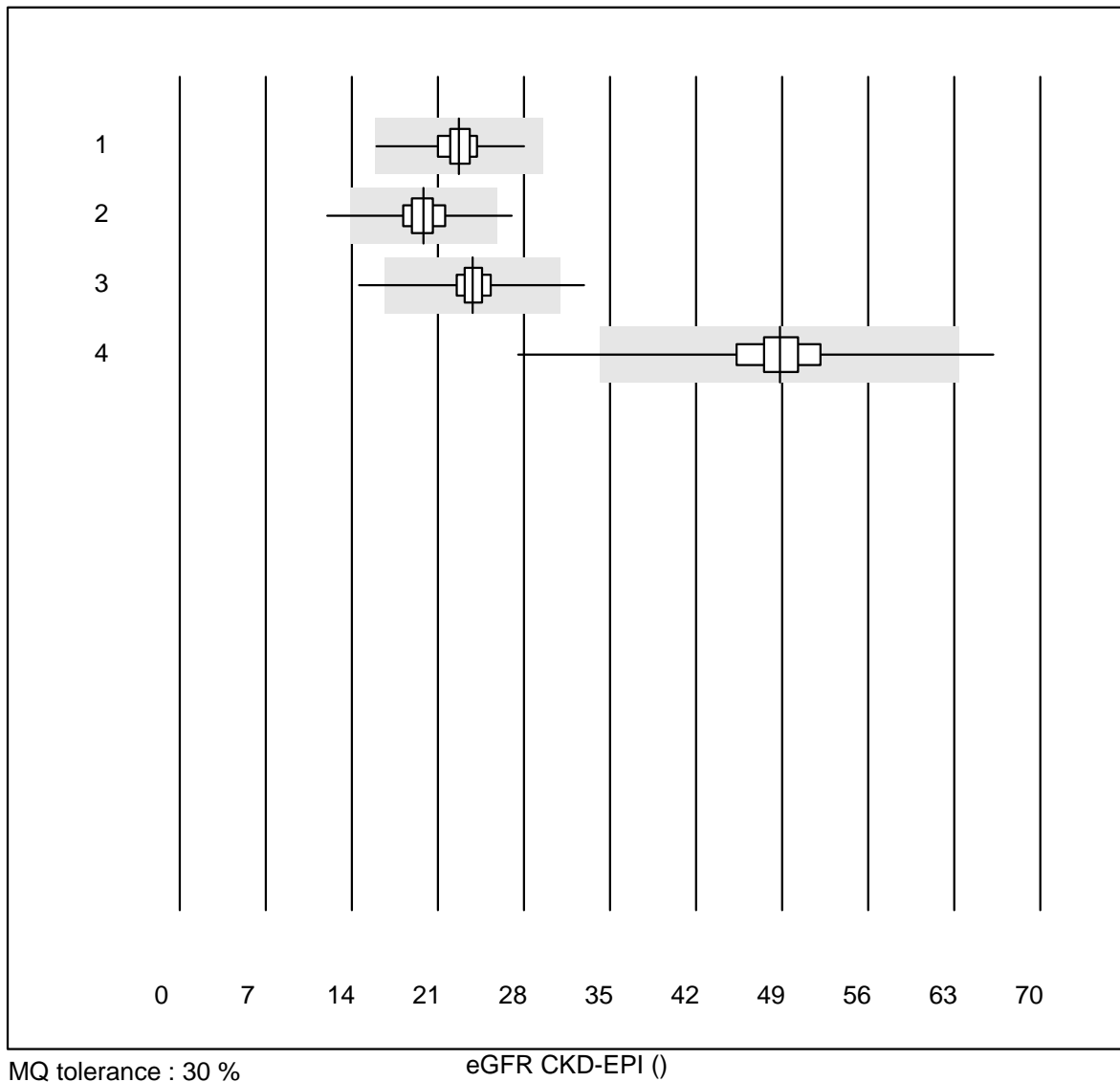
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	13	100.0	0.0	0.0	273	1.9	e
2	Cobas	21	100.0	0.0	0.0	271	4.4	e
3	Reflotron	704	97.8	0.4	1.8	310	5.4	e
4	Fuji Dri-Chem	919	99.7	0.0	0.3	264	3.5	e
5	Spotchem/Ready	90	98.9	0.0	1.1	142	3.4	e
6	Spotchem D-Concept	346	99.1	0.6	0.3	147	4.5	e
7	Enzymatic	10	100.0	0.0	0.0	280	4.6	e
8	Piccolo	56	100.0	0.0	0.0	271	4.6	e
9	Abx Mira	10	90.0	10.0	0.0	274	8.6	e*
10	Hitachi S40/M40	16	100.0	0.0	0.0	262	3.6	e
11	Autolyser/DiaSys	18	100.0	0.0	0.0	273	4.8	e
12	Other methods	4	100.0	0.0	0.0	288	1.9	e
13	EPOC	9	77.8	11.1	11.1	273	9.5	e*

## Creatinine E



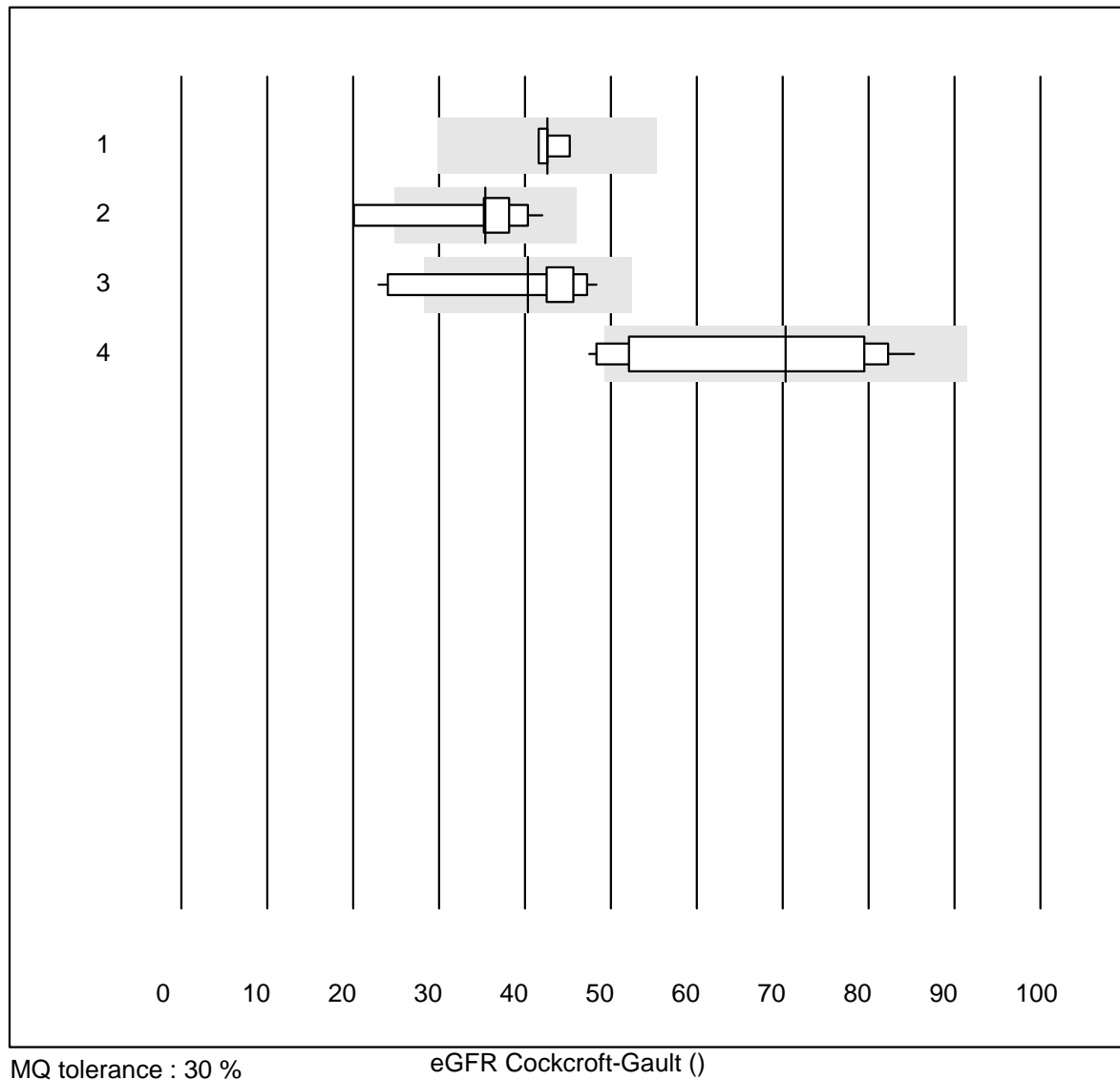
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat Chem8	10	100.0	0.0	0.0	269	2.8	e
2	ABL700/800	8	100.0	0.0	0.0	288	3.8	e

## eGFR CKD-EPI



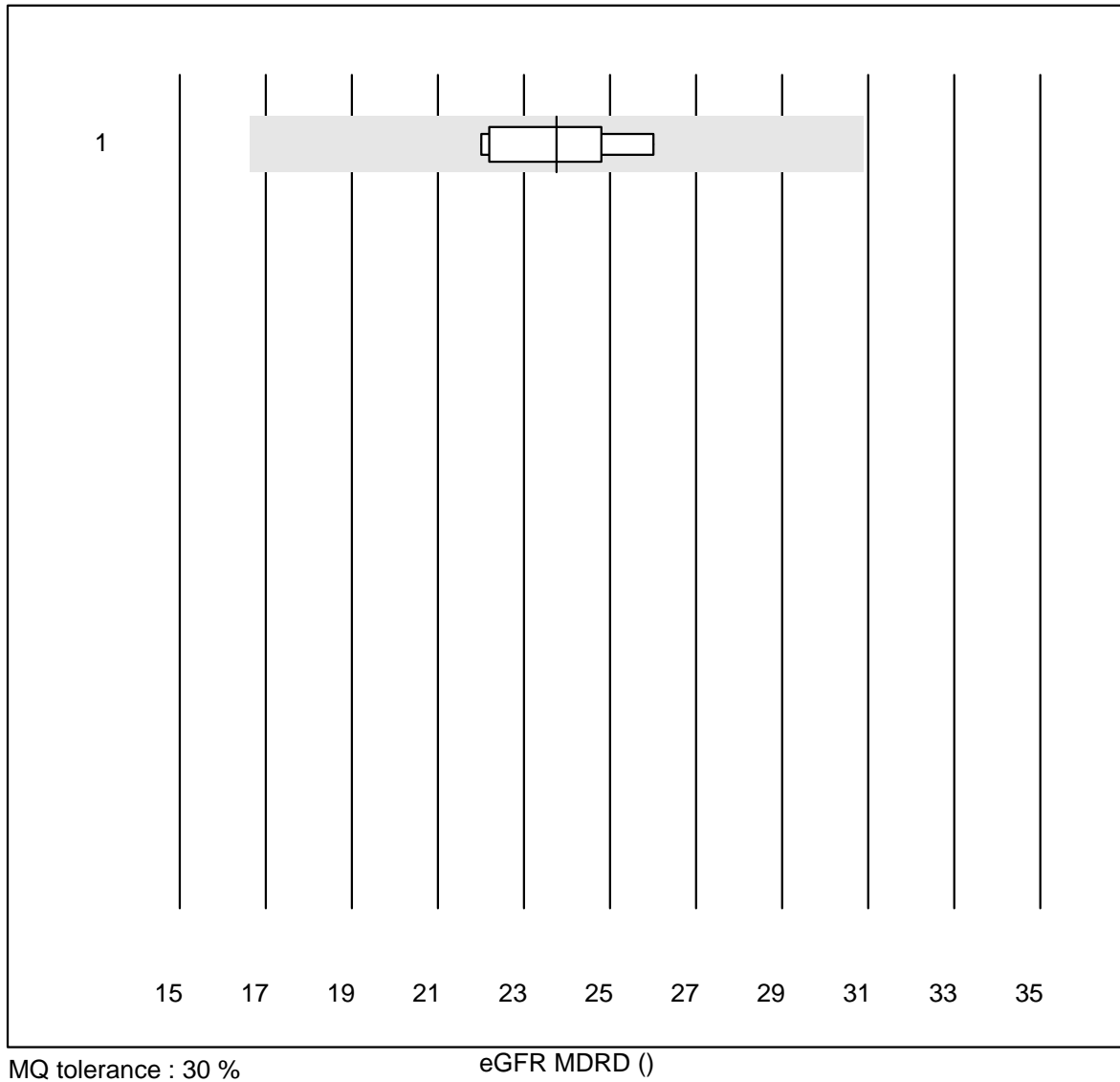
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	69	92.8	0.0	7.2	23	7.6	e
2	Reflotron	227	93.8	0.9	5.3	20	7.5	e
3	Fuji Dri-Chem	354	93.8	1.1	5.1	24	6.8	e
4	Spotchem/Ready	161	92.6	1.2	6.2	49	7.2	e

## eGFR Cockcroft-Gault



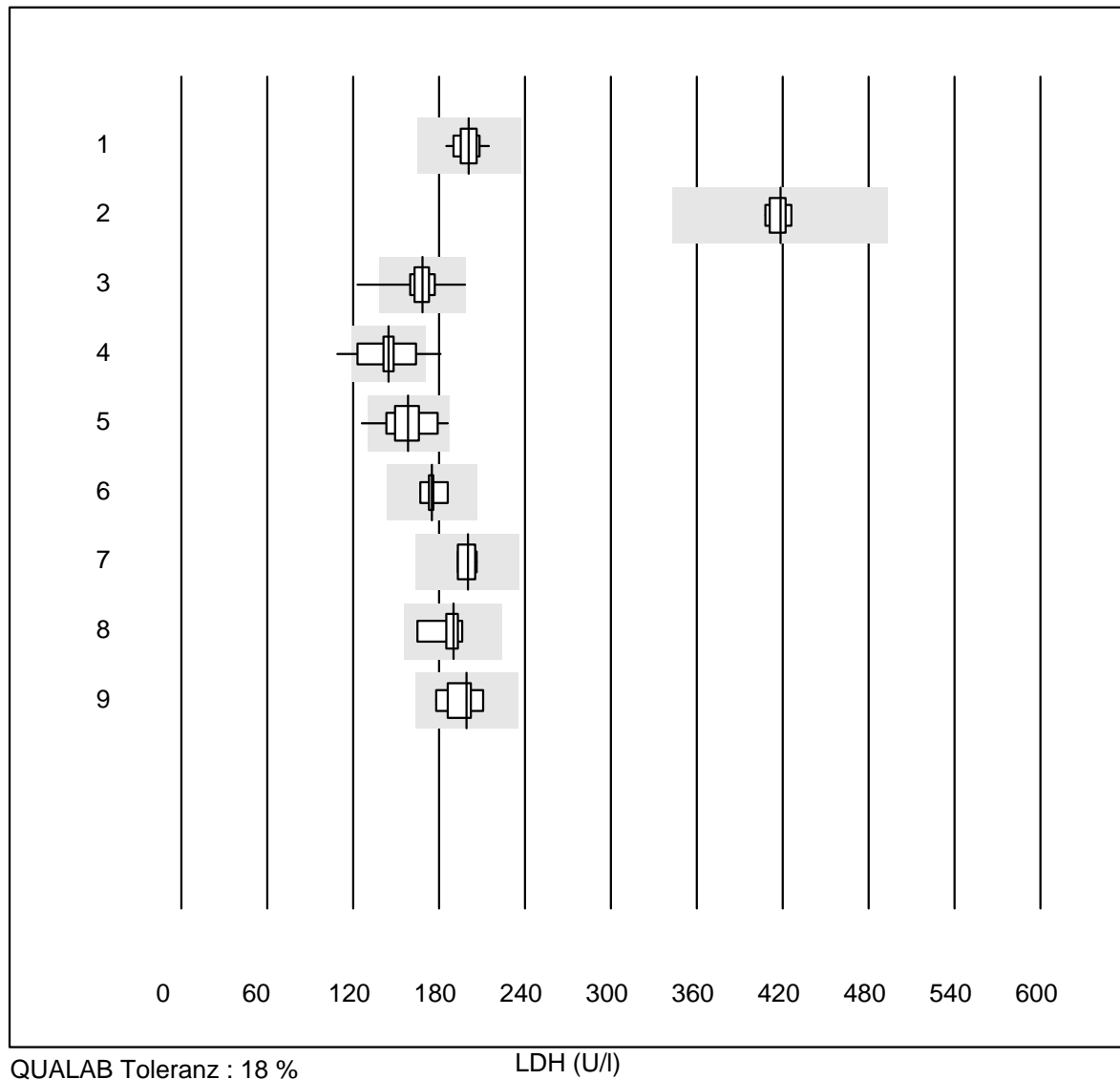
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	4	100.0	0.0	0.0	43	3.6	e
2	Reflotron	22	77.3	9.1	13.6	35	16.2	e
3	Fuji Dri-Chem	55	67.2	16.4	16.4	40	21.3	e
4	Spotchem/Ready	21	71.4	14.3	14.3	70	19.5	e*

## eGFR MDRD



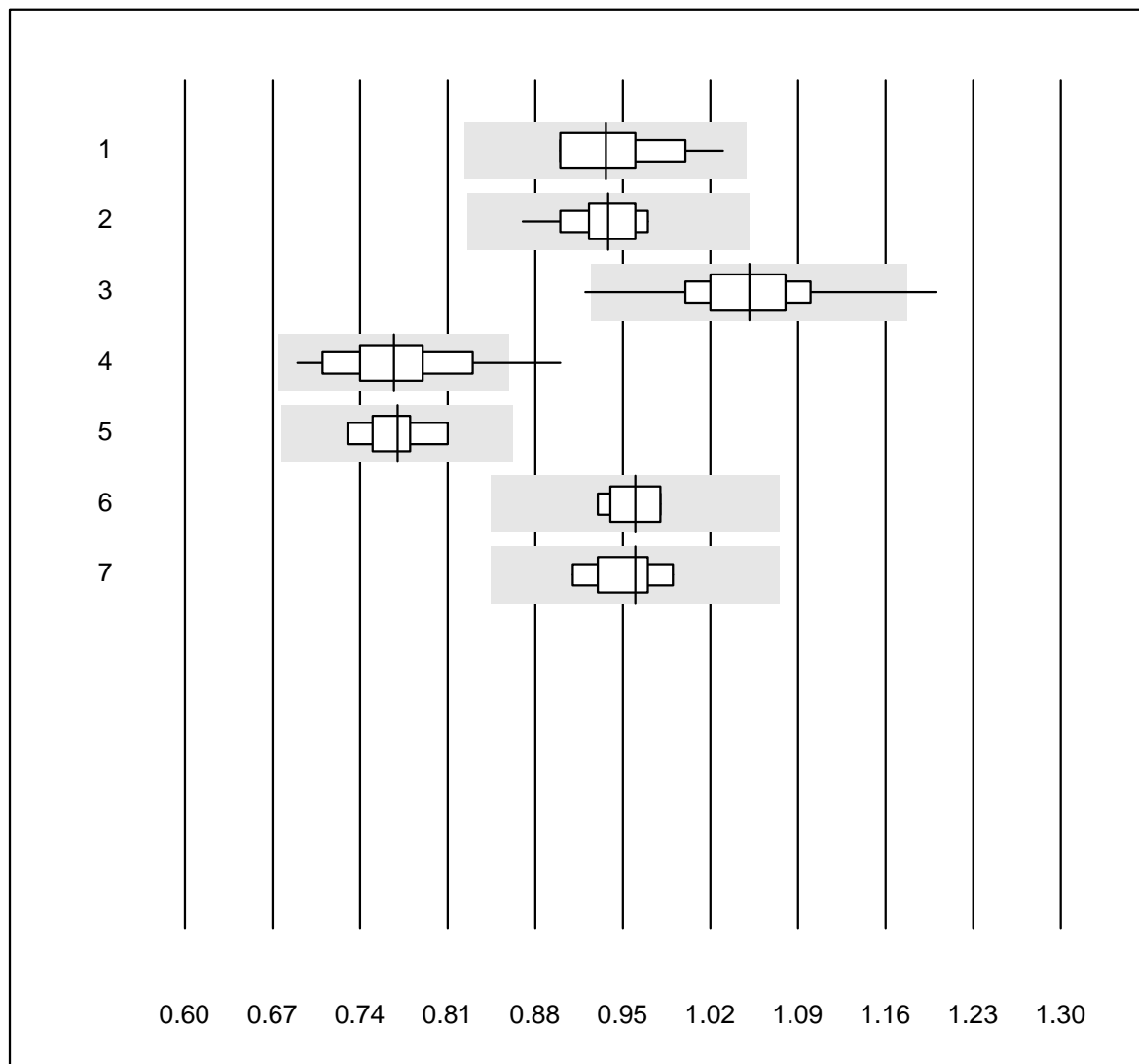
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Fuji Dri-Chem	6	100.0	0.0	0.0	24	6.4	e

## LDH



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 IFCC	36	100.0	0.0	0.0	201	3.7	e
2 Cobas	8	100.0	0.0	0.0	419	1.6	e
3 Fuji Dri-Chem	139	99.3	0.7	0.0	168	5.3	e
4 Spotchem/Ready	13	76.9	15.4	7.7	145	12.3	e*
5 Spotchem D-Concept	48	97.9	2.1	0.0	158	8.6	e
6 Piccolo	7	100.0	0.0	0.0	175	3.2	e
7 Abx Mira	4	100.0	0.0	0.0	200	3.4	e
8 Hitachi S40/M40	8	100.0	0.0	0.0	190	5.3	e
9 Autolyser/DiaSys	9	100.0	0.0	0.0	199	5.7	e

## Magnesium



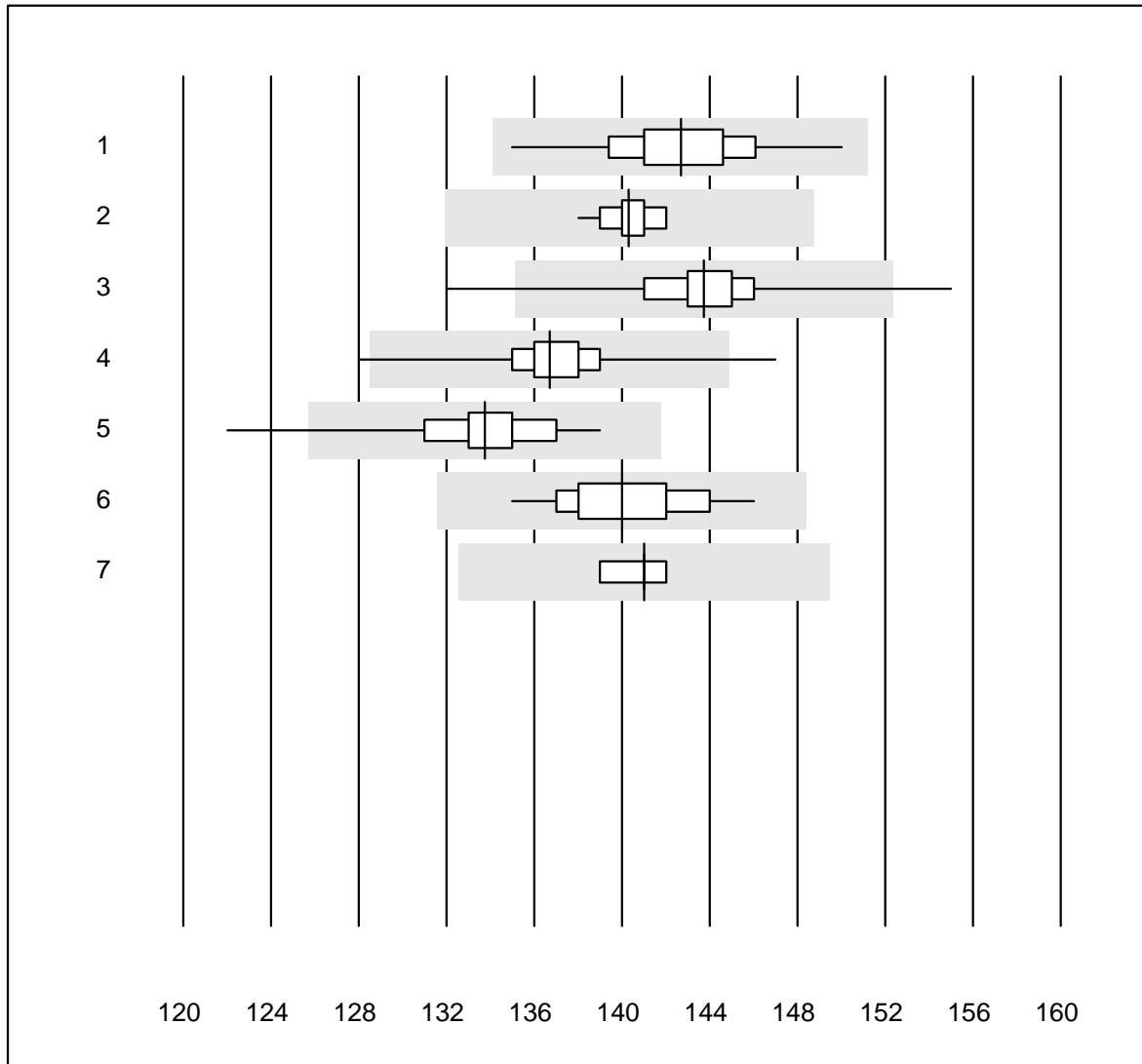
QUALAB Toleranz : 12 %

Magnesium (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	0.94	4.4	e
2	Cobas	16	100.0	0.0	0.0	0.94	3.0	e
3	Fuji Dri-Chem	106	95.3	3.8	0.9	1.05	4.7	e
4	Spotchem D-Concept	44	97.7	2.3	0.0	0.77	6.1	e
5	Spotchem/Ready	5	100.0	0.0	0.0	0.77	3.9	e*
6	Beckman	7	100.0	0.0	0.0	0.96	2.0	e
7	Piccolo	9	100.0	0.0	0.0	0.96	2.7	e



## Sodium

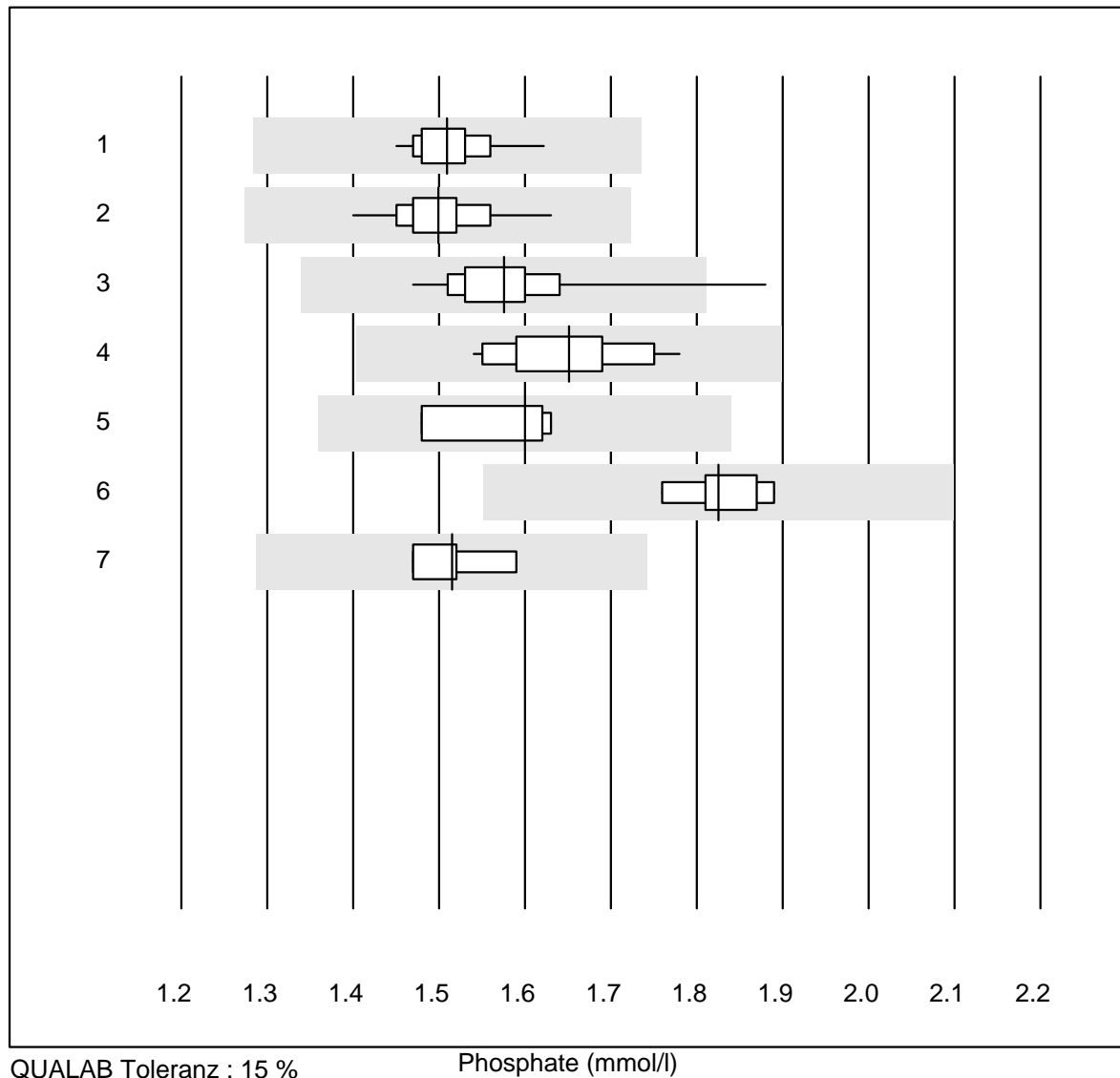


QUALAB Toleranz : 6 %

Sodium (mmol/l)

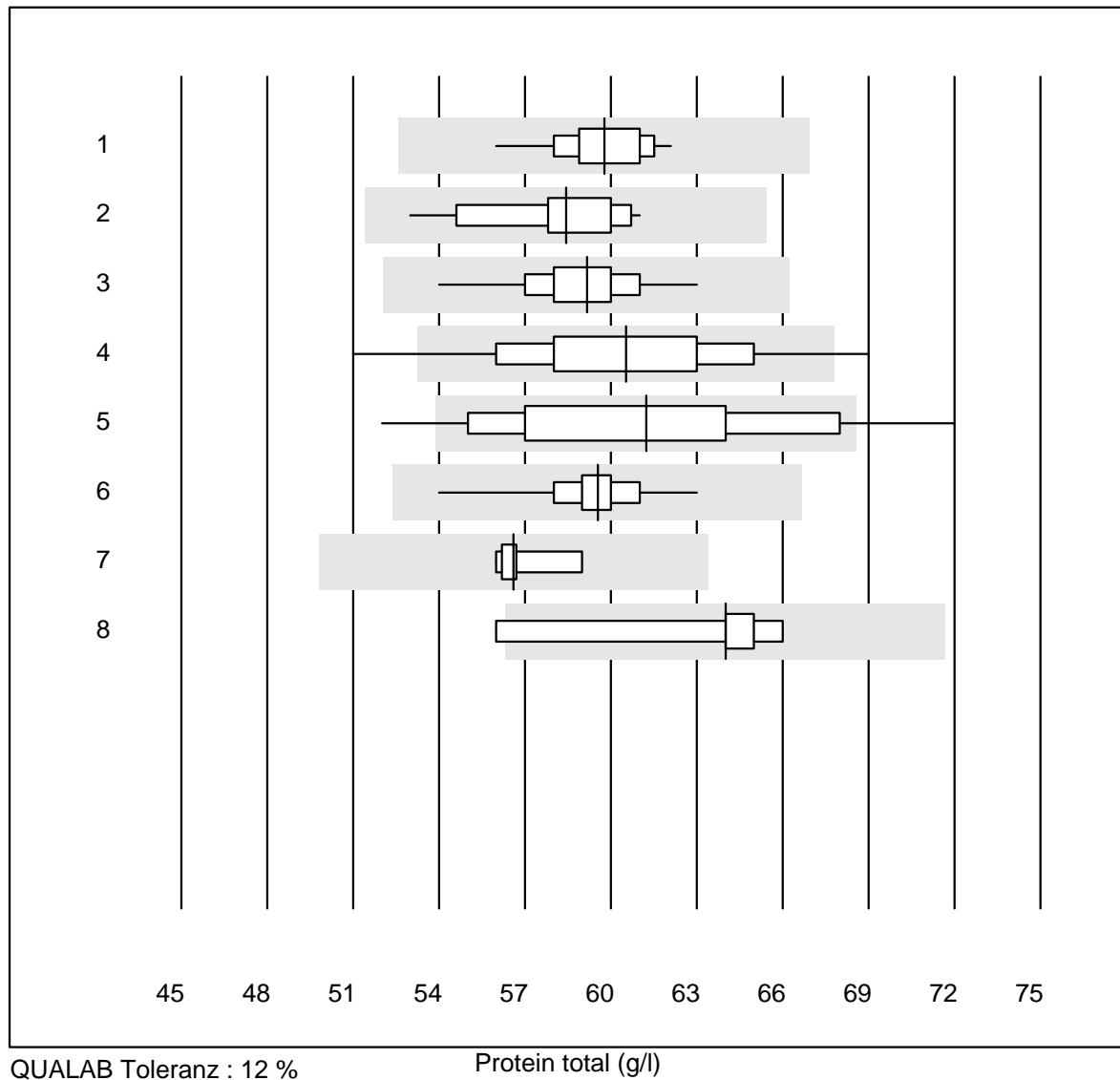
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 ISE	41	100.0	0.0	0.0	143	2.1	e
2 Cobas	22	100.0	0.0	0.0	140	0.8	e
3 Fuji Dri-Chem	819	99.0	0.4	0.6	144	1.5	e
4 Spotchem D-Concept	306	99.3	0.7	0.0	137	1.5	e
5 Spotchem EL-SE 1520	70	98.6	1.4	0.0	134	1.9	e
6 Piccolo	38	100.0	0.0	0.0	140	1.8	e
7 iStat Chem8	6	100.0	0.0	0.0	141	0.7	e

## Phosphate



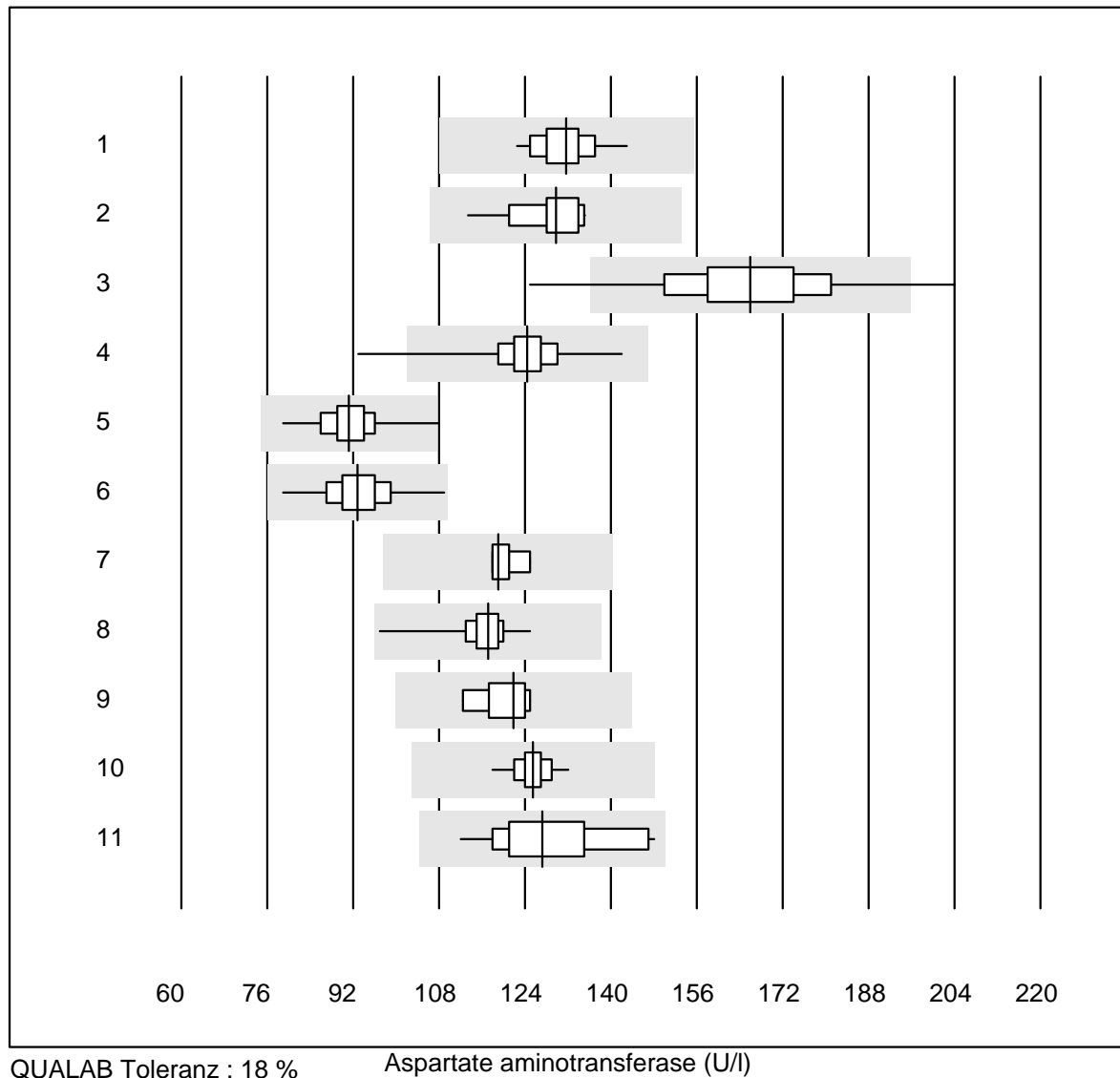
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	22	100.0	0.0	0.0	1.5	2.7	e
2	Cobas	18	100.0	0.0	0.0	1.5	3.3	e
3	Fuji Dri-Chem	80	98.7	1.3	0.0	1.6	4.4	e
4	Spotchem D-Concept	21	95.2	0.0	4.8	1.7	4.4	e
5	Spotchem/Ready	4	100.0	0.0	0.0	1.6	4.3	e*
6	Piccolo	6	100.0	0.0	0.0	1.8	2.5	e
7	Hitachi S40/M40	4	100.0	0.0	0.0	1.5	3.3	e

## Protein total



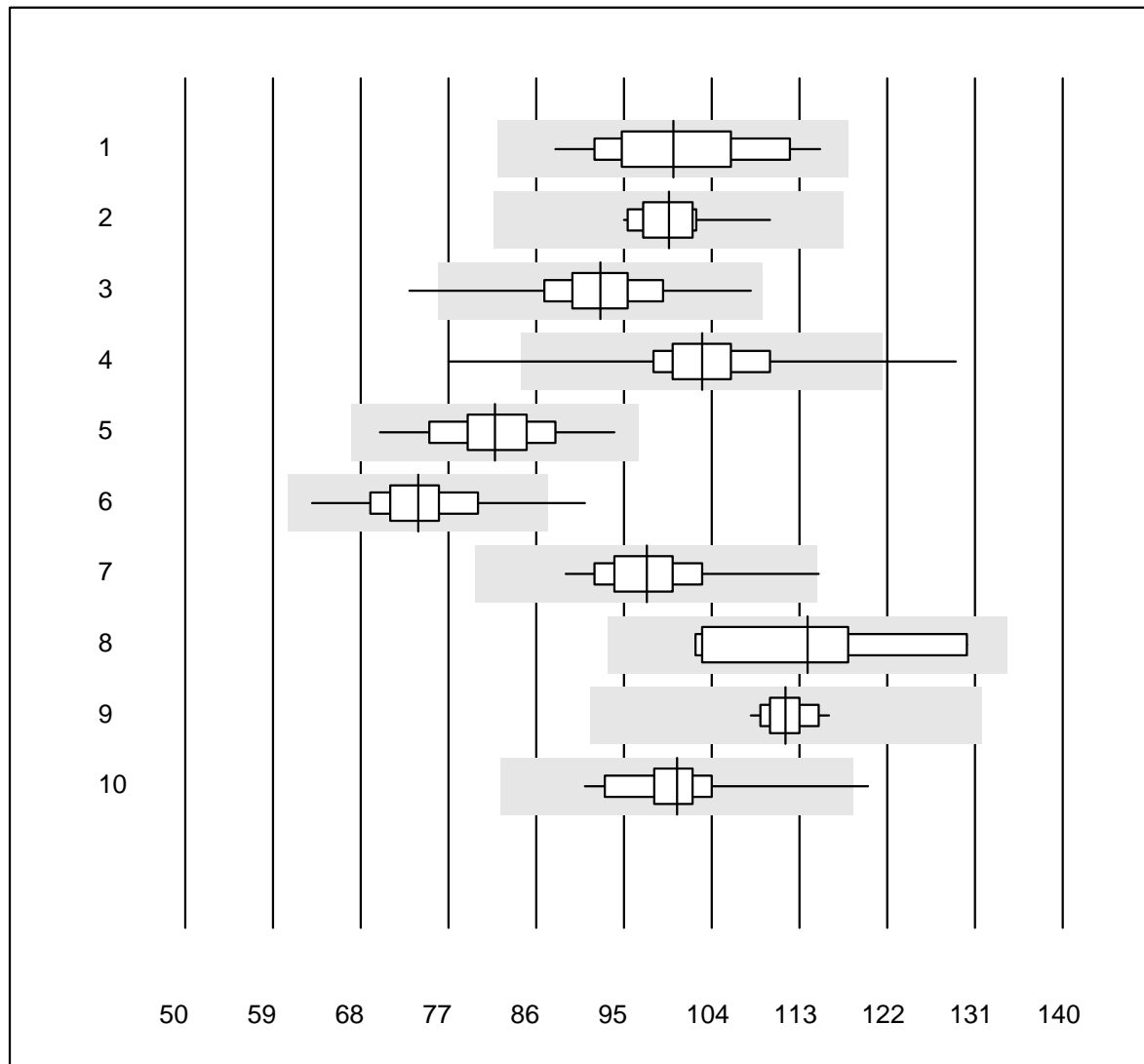
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	23	100.0	0.0	0.0	59.8	2.4	e
2	Cobas	18	100.0	0.0	0.0	58.4	3.6	e
3	Fuji Dri-Chem	179	100.0	0.0	0.0	59.2	2.3	e
4	Spotchem/Ready	28	85.7	10.7	3.6	60.5	6.5	e
5	Spotchem D-Concept	122	78.7	13.1	8.2	61.2	8.1	e
6	Piccolo	37	100.0	0.0	0.0	59.5	2.5	e
7	Abx Mira	5	100.0	0.0	0.0	56.6	2.1	e
8	Hitachi S40/M40	7	85.7	14.3	0.0	64.0	5.3	e*

## Aspartate aminotransferase



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 IFCC with PP	28	96.4	0.0	3.6	132	3.5	e
2 Cobas	18	100.0	0.0	0.0	130	4.6	e
3 Reflotron	607	94.7	3.0	2.3	166	7.6	e
4 Fuji Dri-Chem	897	99.6	0.3	0.1	124	3.9	e
5 Spotchem/Ready	86	98.8	1.2	0.0	91	4.8	e
6 Spotchem D-Concept	346	99.1	0.0	0.9	93	5.1	e
7 IFCC without PP	5	100.0	0.0	0.0	119	2.5	e
8 Piccolo	58	98.3	0.0	1.7	117	3.5	e
9 Abx Mira	8	87.5	0.0	12.5	122	3.8	e
10 Hitachi S40/M40	16	100.0	0.0	0.0	125	2.6	e
11 Autolyser/DiaSys	19	100.0	0.0	0.0	127	7.8	e

## Alanine aminotransferase

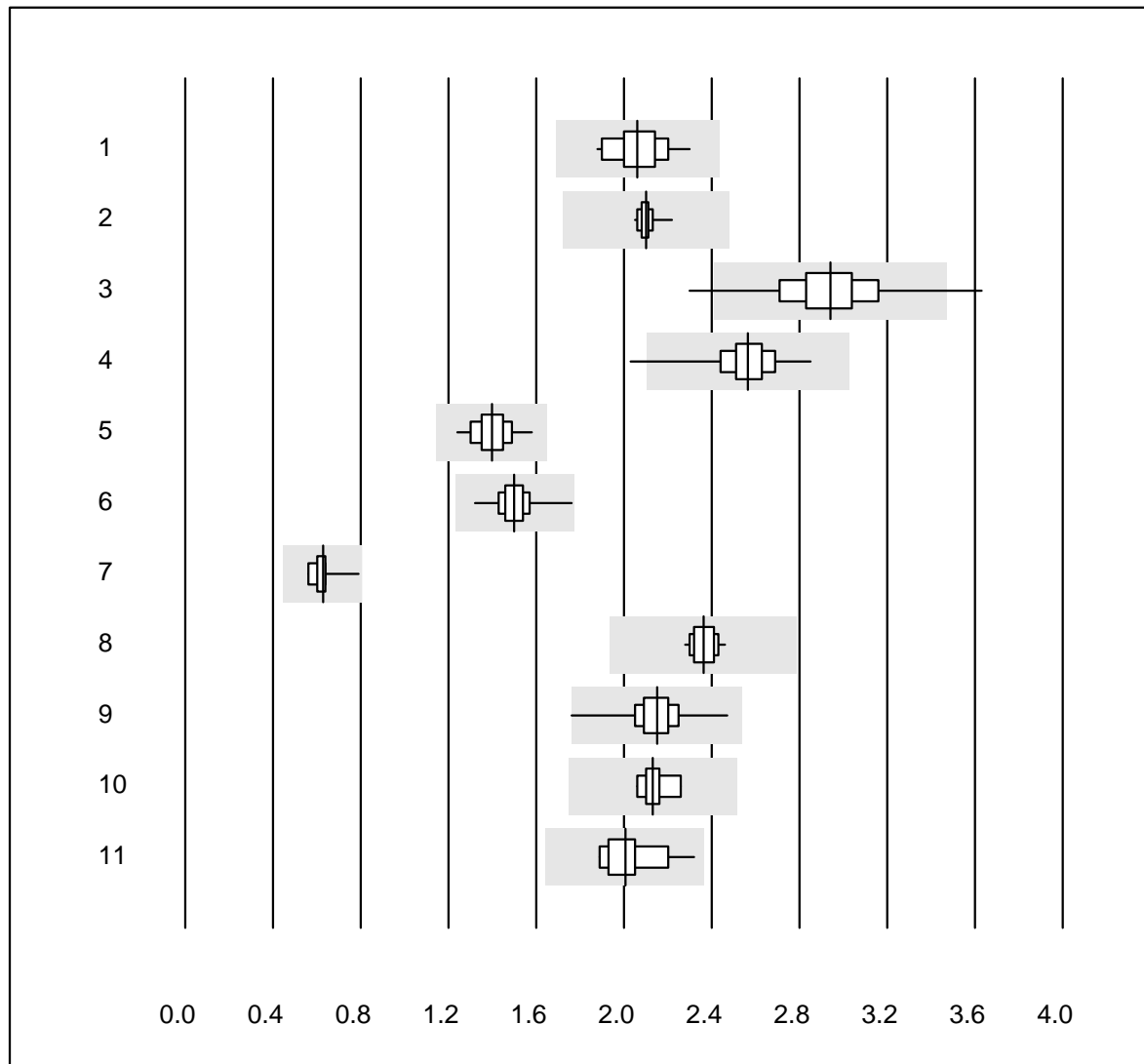


QUALAB Toleranz : 18 %

Alanine aminotransferase (U/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 IFCC with PP	26	100.0	0.0	0.0	100	7.6	e
2 Cobas	23	100.0	0.0	0.0	100	3.4	e
3 Reflotron	628	98.4	0.8	0.8	93	5.6	e
4 Fuji Dri-Chem	908	99.0	0.6	0.4	103	5.0	e
5 Spotchem/Ready	89	97.8	0.0	2.2	82	5.9	e
6 Spotchem D-Concept	350	98.3	1.1	0.6	74	5.9	e
7 Piccolo	57	94.7	1.8	3.5	97	4.8	e
8 Abx Mira	7	100.0	0.0	0.0	114	8.9	e*
9 Hitachi S40/M40	17	100.0	0.0	0.0	112	2.0	e
10 Autolyser/DiaSys	18	94.4	5.6	0.0	100	5.9	e

## Triglycerides

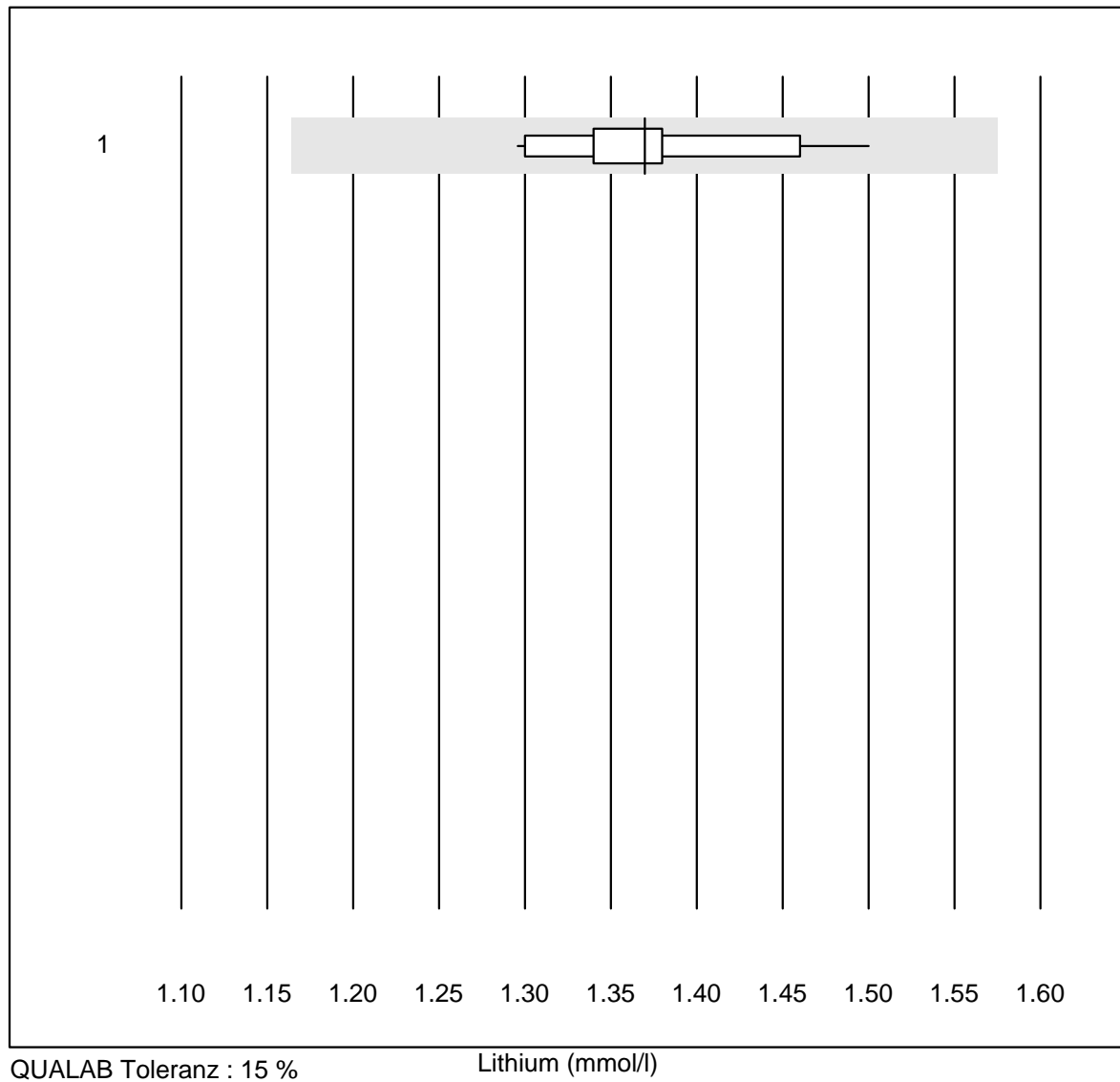


QUALAB Toleranz : 18 %  
( < 1.00: +/- 0.18 mmol/l)

Triglycerides (mmol/l)

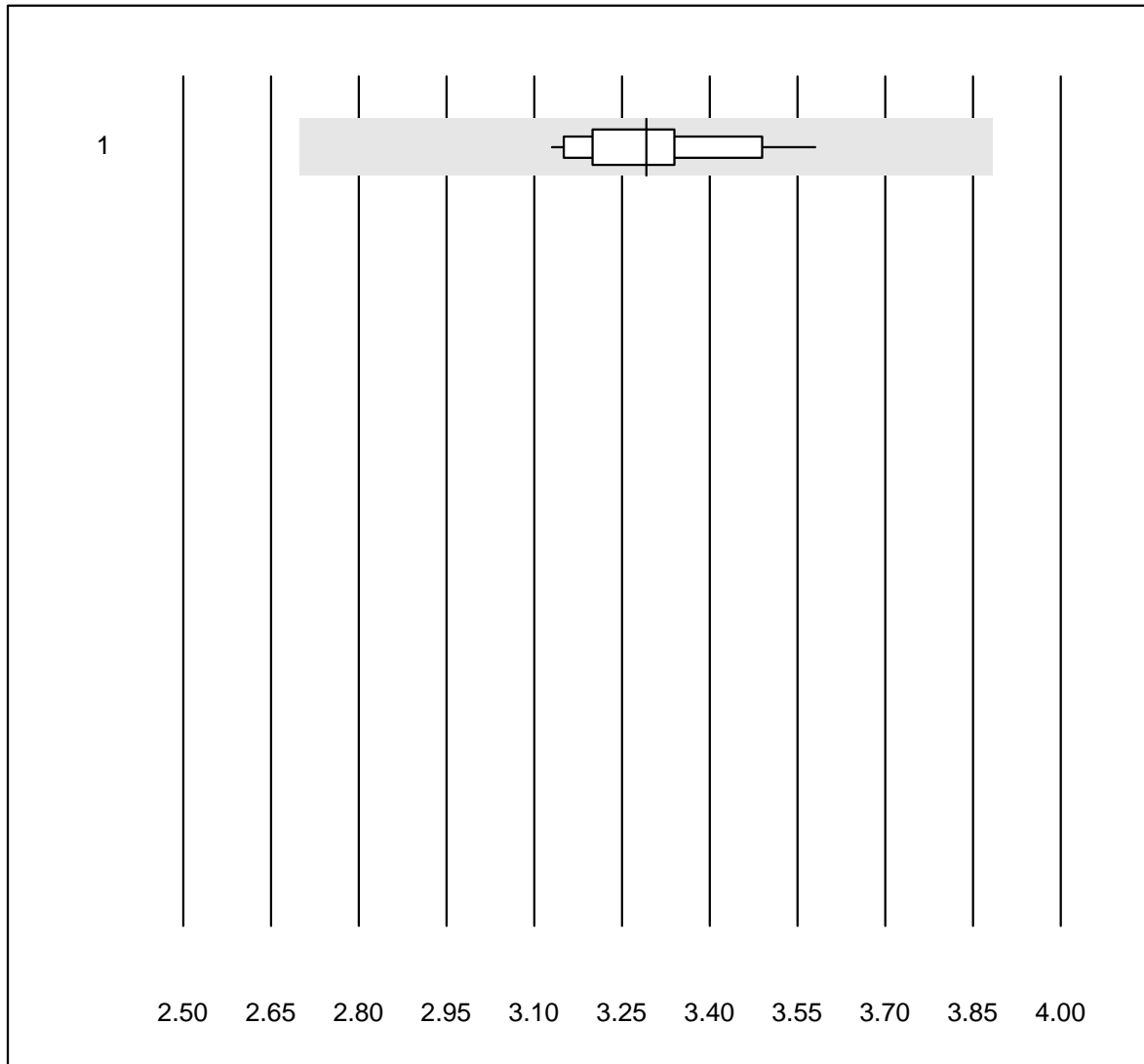
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	28	96.4	0.0	3.6	2.06	5.3	e
2	Cobas	22	100.0	0.0	0.0	2.10	1.7	e
3	Reflotron	314	95.2	1.9	2.9	2.94	6.5	e
4	Fuji Dri-Chem	792	98.8	0.3	0.9	2.57	3.9	e
5	Spotchem/Ready	72	95.8	0.0	4.2	1.40	5.1	e
6	Spotchem D-Concept	303	99.3	0.0	0.7	1.50	3.9	e
7	Hitachi S40/M40	10	100.0	0.0	0.0	0.63	9.8	e*
8	Piccolo	19	100.0	0.0	0.0	2.36	2.1	e
9	Cholestech LDX	314	99.7	0.3	0.0	2.15	4.1	e
10	Abx Mira	7	85.7	0.0	14.3	2.13	3.2	e
11	Autolyser/DiaSys	18	100.0	0.0	0.0	2.01	5.5	e

# Lithium



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	17	100.0	0.0	0.0	1.37	3.9	e

# Lactate



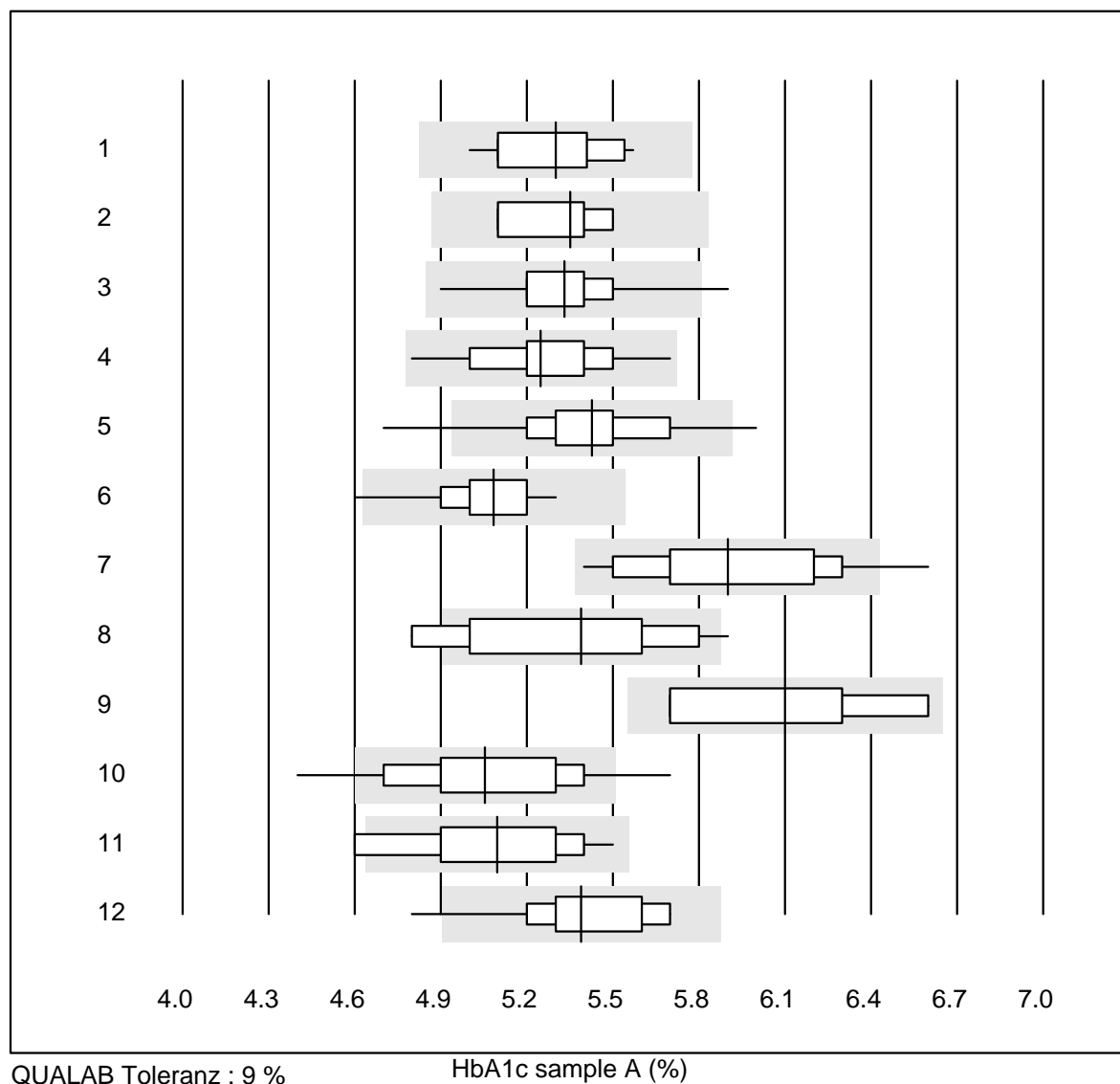
QUALAB Toleranz : 18 %

Lactate (mmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	14	100.0	0.0	0.0	3.29	4.0	e

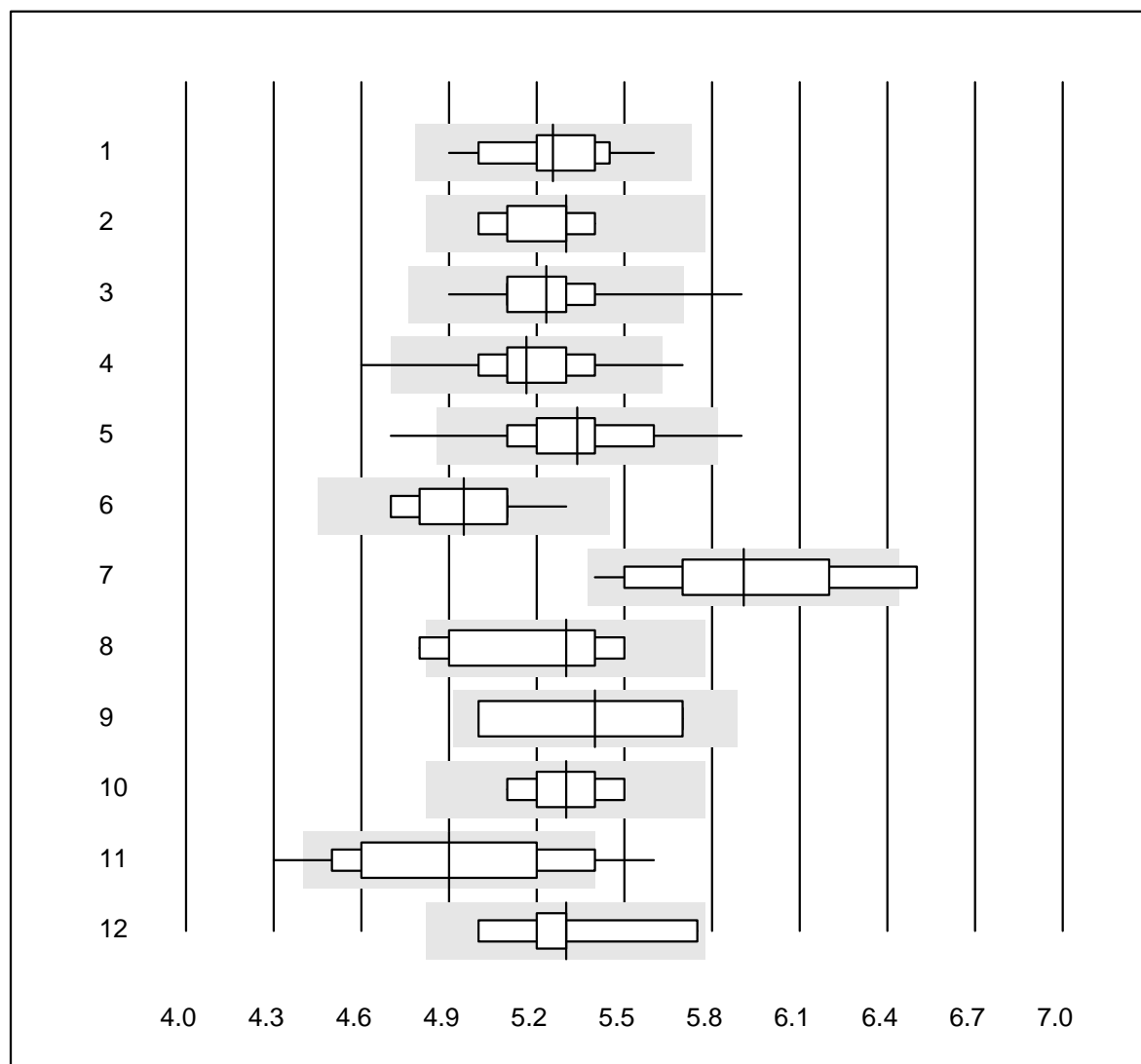


## HbA1c sample A



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	16	93.7	0.0	6.3	5.3	3.4	e
2	HPLC	8	100.0	0.0	0.0	5.4	2.7	e
3	Afinion	575	99.5	0.2	0.3	5.3	2.5	e
4	Cobas b101	126	99.2	0.0	0.8	5.2	3.3	e
5	DCA2000/Vantage	150	97.4	1.3	1.3	5.4	3.5	e
6	Celltac chemi	19	94.7	5.3	0.0	5.1	3.1	e
7	NycoCard	32	87.5	9.4	3.1	5.9	5.8	e
8	Eurolyser	10	80.0	20.0	0.0	5.4	6.7	a
9	Hemocue HbA1c 501	4	100.0	0.0	0.0	6.1	6.1	a
10	A1c Now	204	85.8	9.3	4.9	5.1	5.8	e
11	AFIAS	33	84.9	12.1	3.0	5.1	5.7	e
12	Others	15	93.3	6.7	0.0	5.4	4.1	a
13	Spinit	10	90.0	10.0	0.0	5.4	4.4	a

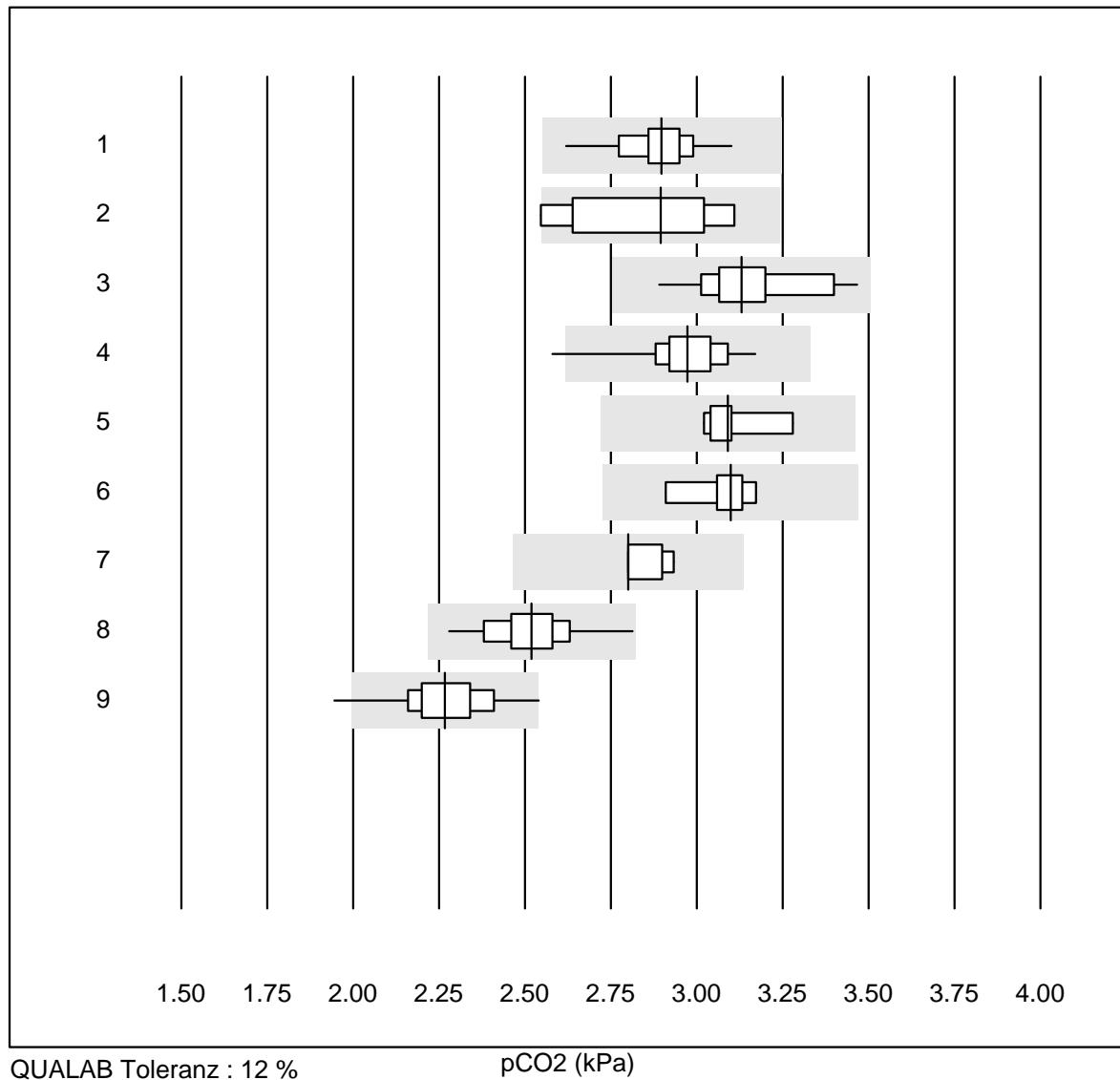
## HbA1c sample B



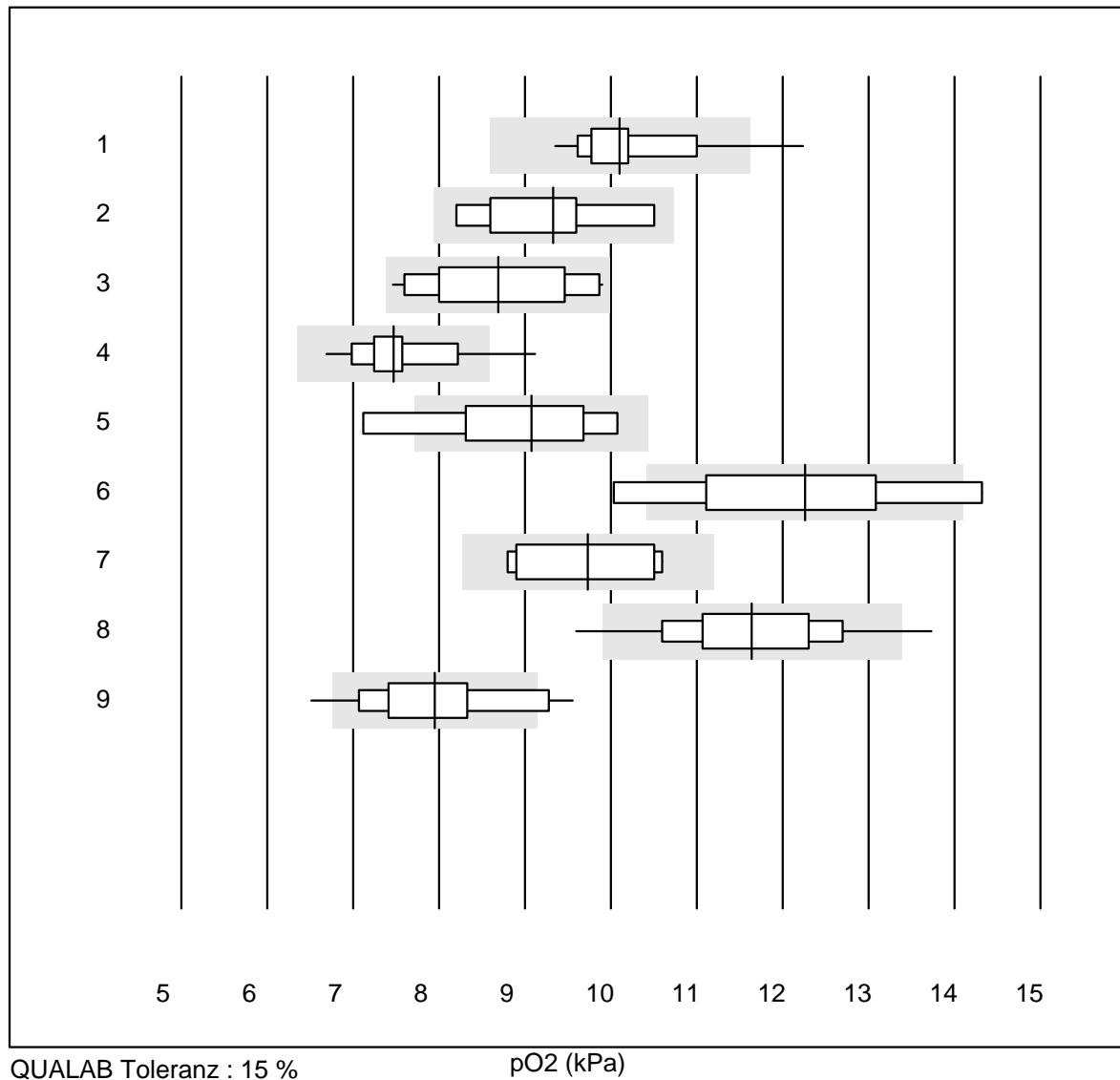
QUALAB Toleranz : 9 %  
( < 5.0: +/- 0.5 %)

HbA1c sample B (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	15	100.0	0.0	0.0	5.3	3.4	e
2	HPLC	8	100.0	0.0	0.0	5.3	2.4	a
3	Afinion	788	99.1	0.6	0.3	5.2	2.6	e
4	Cobas b101	138	95.7	3.6	0.7	5.2	3.7	e
5	DCA2000/Vantage	217	98.6	0.9	0.5	5.3	3.3	e
6	Celltac chemi	14	100.0	0.0	0.0	5.0	3.9	e
7	Nycocard	13	69.2	15.4	15.4	5.9	6.3	e*
8	Eurolyser	7	85.7	14.3	0.0	5.3	5.2	a
9	Hemocue HbA1c 501	4	75.0	0.0	25.0	5.4	7.2	e*
10	A1c Now	11	81.8	0.0	18.2	5.3	2.7	a
11	AFIAS	48	72.9	20.8	6.3	4.9	7.2	e
12	Spinit	8	100.0	0.0	0.0	5.3	4.0	a
13	Others	13	100.0	0.0	0.0	5.3	5.2	e*

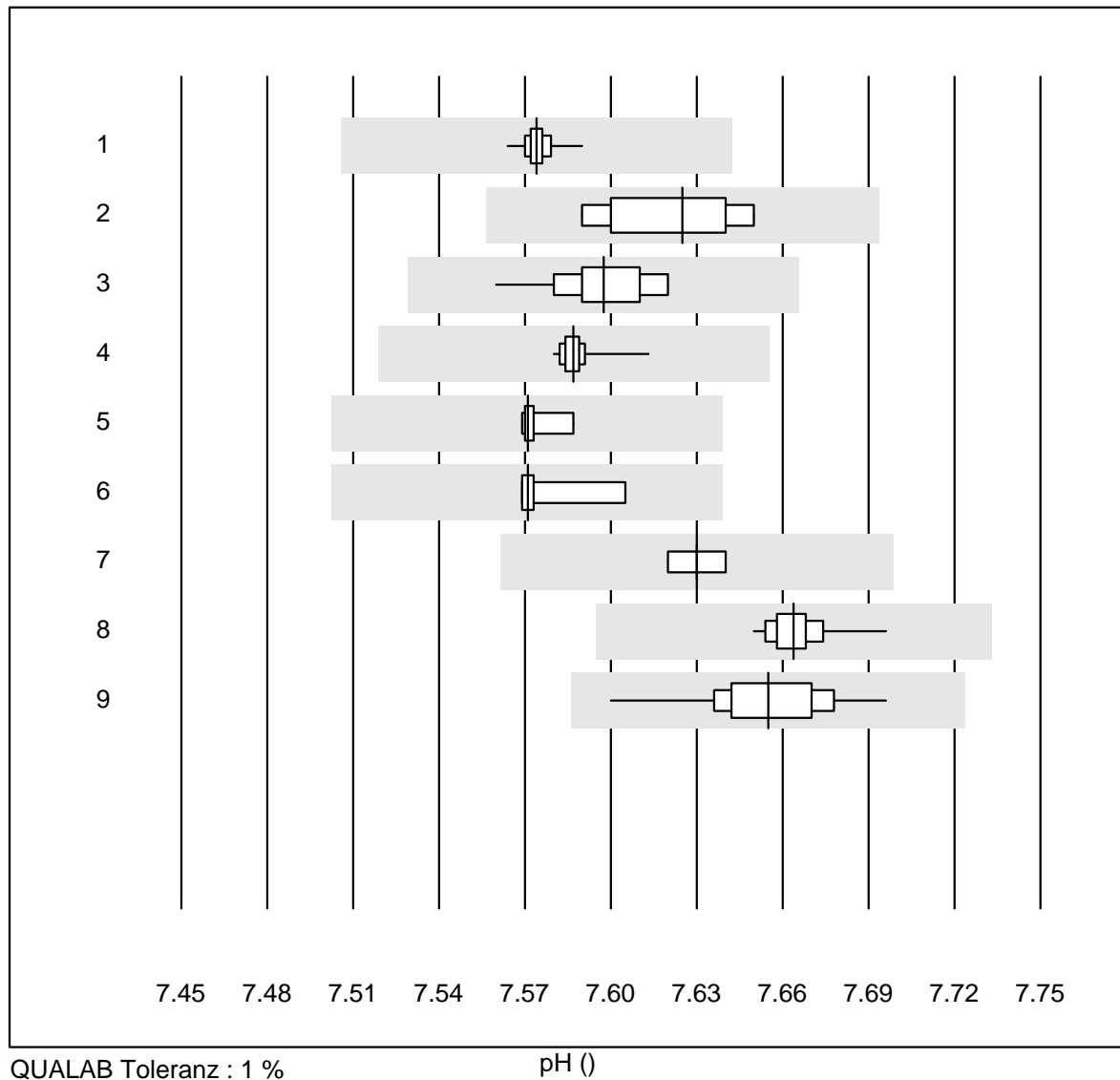
pCO<sub>2</sub>

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	86	100.0	0.0	0.0	2.90	2.9	e
2	ABL80 FLEX	8	87.5	12.5	0.0	2.90	7.3	e*
3	ABL80 FLEX CO-OX / O	14	100.0	0.0	0.0	3.13	4.6	e
4	ABL90 FLEX / PLUS	75	96.0	1.3	2.7	2.97	3.3	e
5	Cobas b 123	8	100.0	0.0	0.0	3.09	2.6	e
6	Cobas b 221	7	100.0	0.0	0.0	3.10	2.7	e
7	GEM	5	100.0	0.0	0.0	2.80	2.3	e
8	iStat	44	97.7	0.0	2.3	2.52	4.2	e
9	EPOC	42	92.8	4.8	2.4	2.27	5.4	e

pO<sub>2</sub>

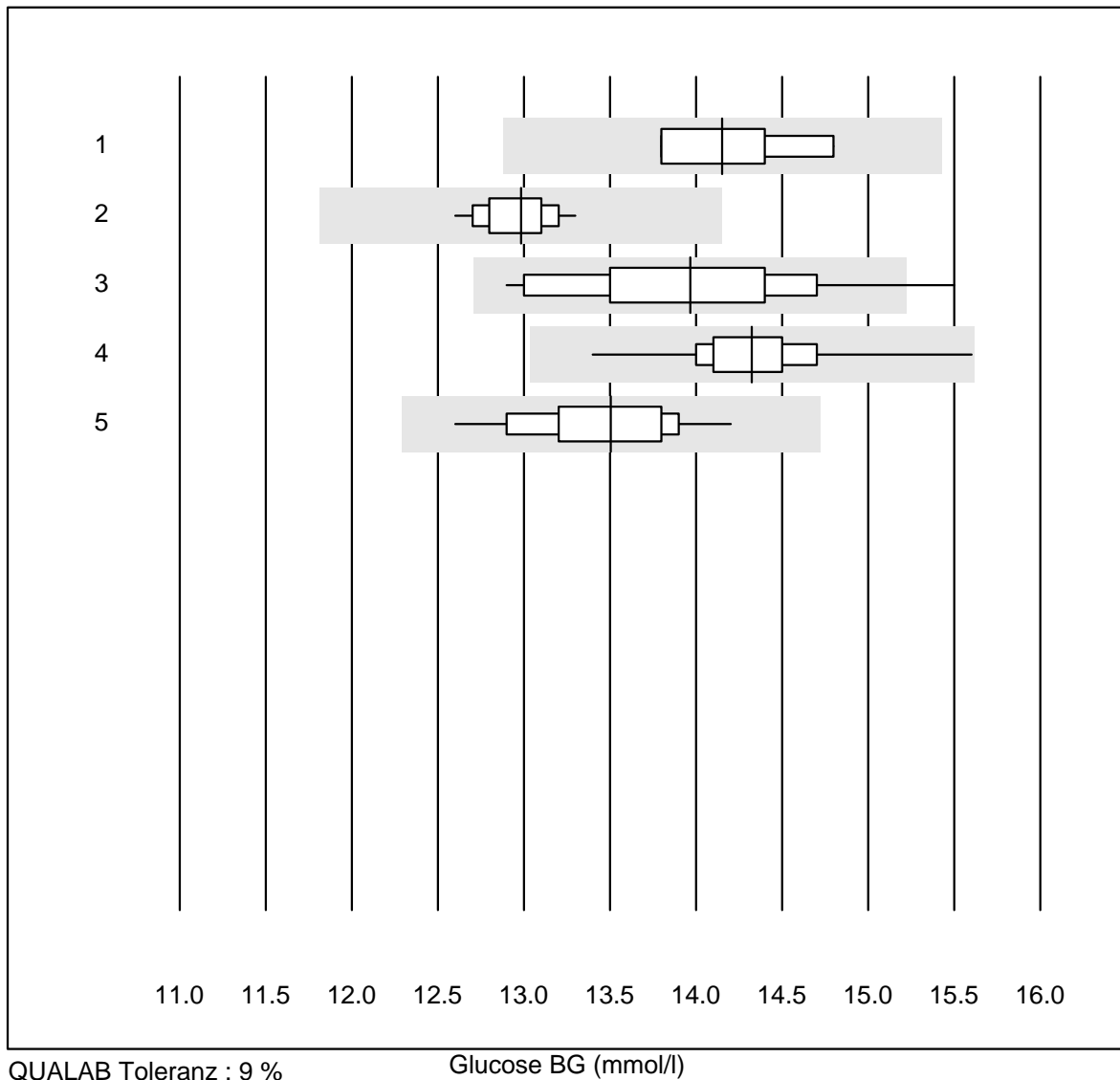
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	85	91.7	2.4	5.9	10.10	5.5	e
2	ABL80 FLEX	8	100.0	0.0	0.0	9.33	8.0	e*
3	ABL80 FLEX CO-OX / O	14	100.0	0.0	0.0	8.69	10.1	e*
4	ABL90 FLEX / PLUS	75	89.3	4.0	6.7	7.47	6.5	e
5	Cobas b 123	8	75.0	12.5	12.5	9.08	11.1	e*
6	Cobas b 221	7	71.4	28.6	0.0	12.26	11.4	e*
7	GEM	5	100.0	0.0	0.0	9.73	8.8	e*
8	iStat	42	83.4	7.1	9.5	11.64	7.4	e
9	EPOC	42	73.8	14.3	11.9	7.95	9.8	e

## pH



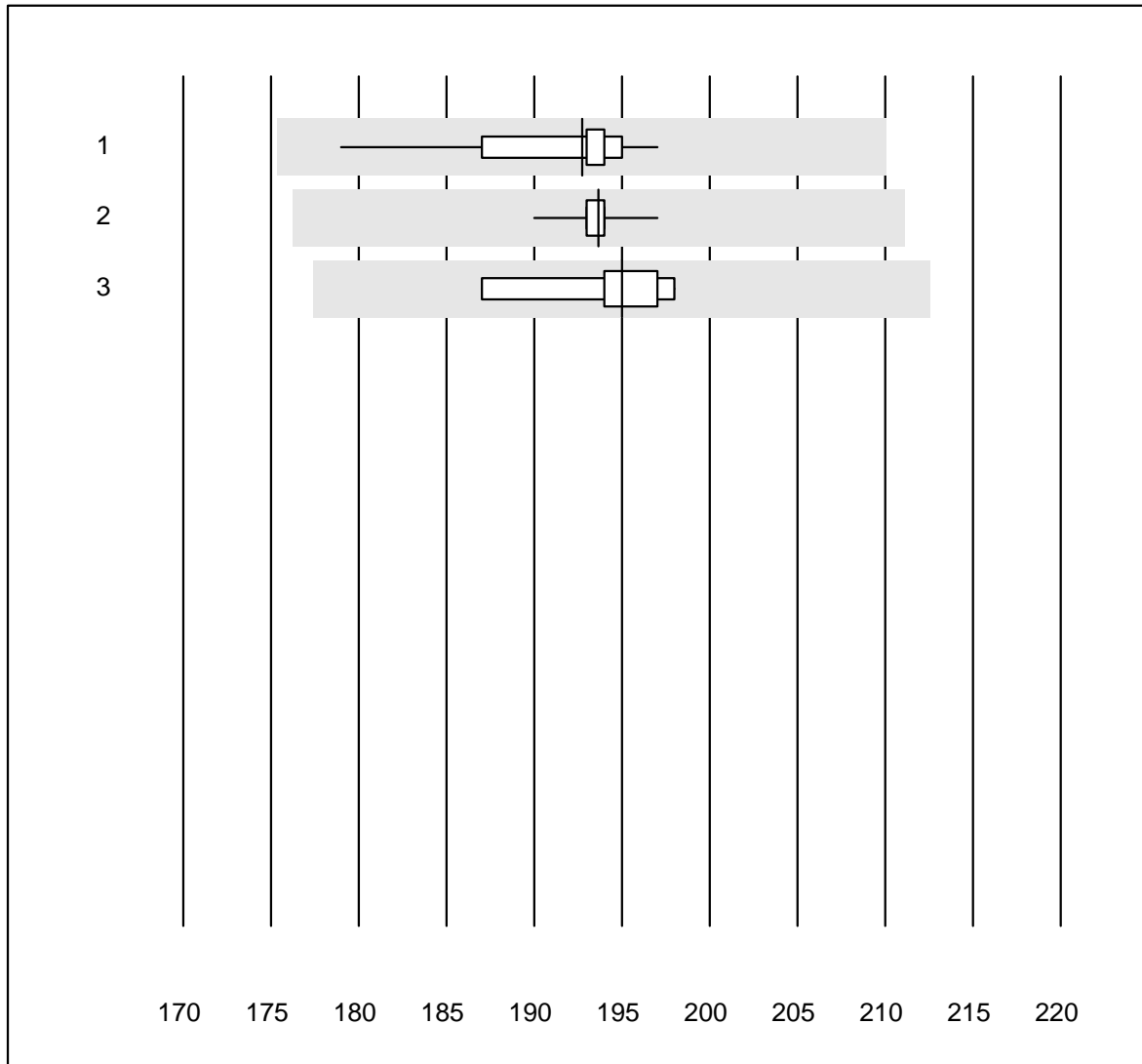
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	85	100.0	0.0	0.0	7.57	0.1	e
2	ABL80 FLEX	8	100.0	0.0	0.0	7.63	0.3	e
3	ABL80 FLEX CO-OX / O	13	100.0	0.0	0.0	7.60	0.2	e
4	ABL90 FLEX / PLUS	76	100.0	0.0	0.0	7.59	0.1	e
5	Cobas b 123	8	100.0	0.0	0.0	7.57	0.1	e
6	Cobas b 221	7	100.0	0.0	0.0	7.57	0.2	e
7	GEM	5	100.0	0.0	0.0	7.63	0.1	e
8	iStat	44	100.0	0.0	0.0	7.66	0.1	e
9	EPOC	41	100.0	0.0	0.0	7.66	0.2	e

## Glucose BG



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas b 123	4	100.0	0.0	0.0	14.2	3.3	e*
2 iStat	12	91.7	0.0	8.3	13.0	1.6	e
3 EPOC	29	89.7	3.4	6.9	14.0	4.5	e
4 ABL700/800	76	100.0	0.0	0.0	14.3	2.2	e
5 ABL90 FLEX / PLUS	74	100.0	0.0	0.0	13.5	2.8	e

## Hemoglobin BG

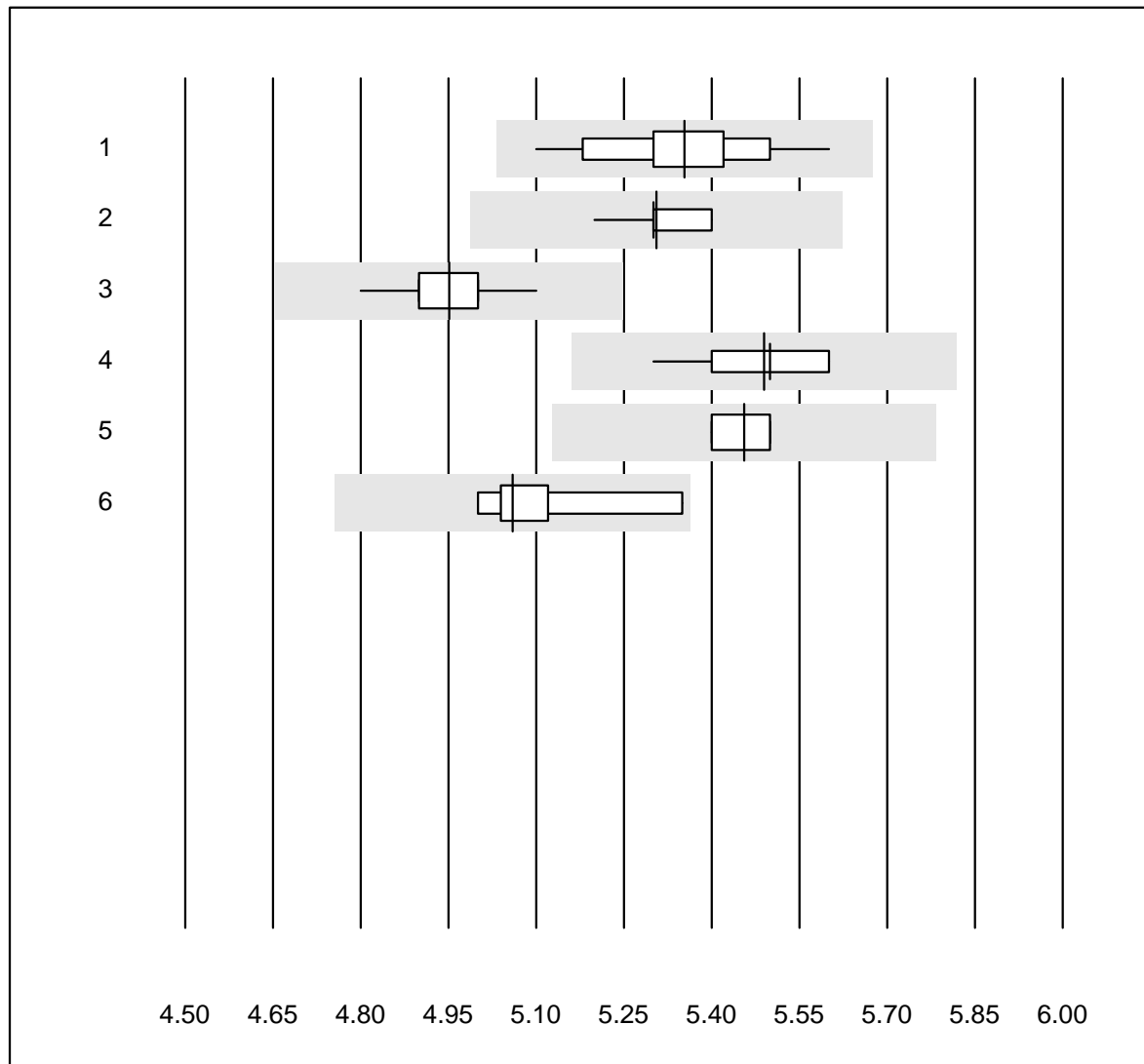


QUALAB Toleranz : 9 %

Hemoglobin BG (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	78	100.0	0.0	0.0	192.7	1.9	e
2	ABL90 FLEX / PLUS	72	98.6	0.0	1.4	193.7	0.5	e
3	ABL80 FLEX CO-OX / O	10	100.0	0.0	0.0	195.0	1.7	e

## Potassium BG



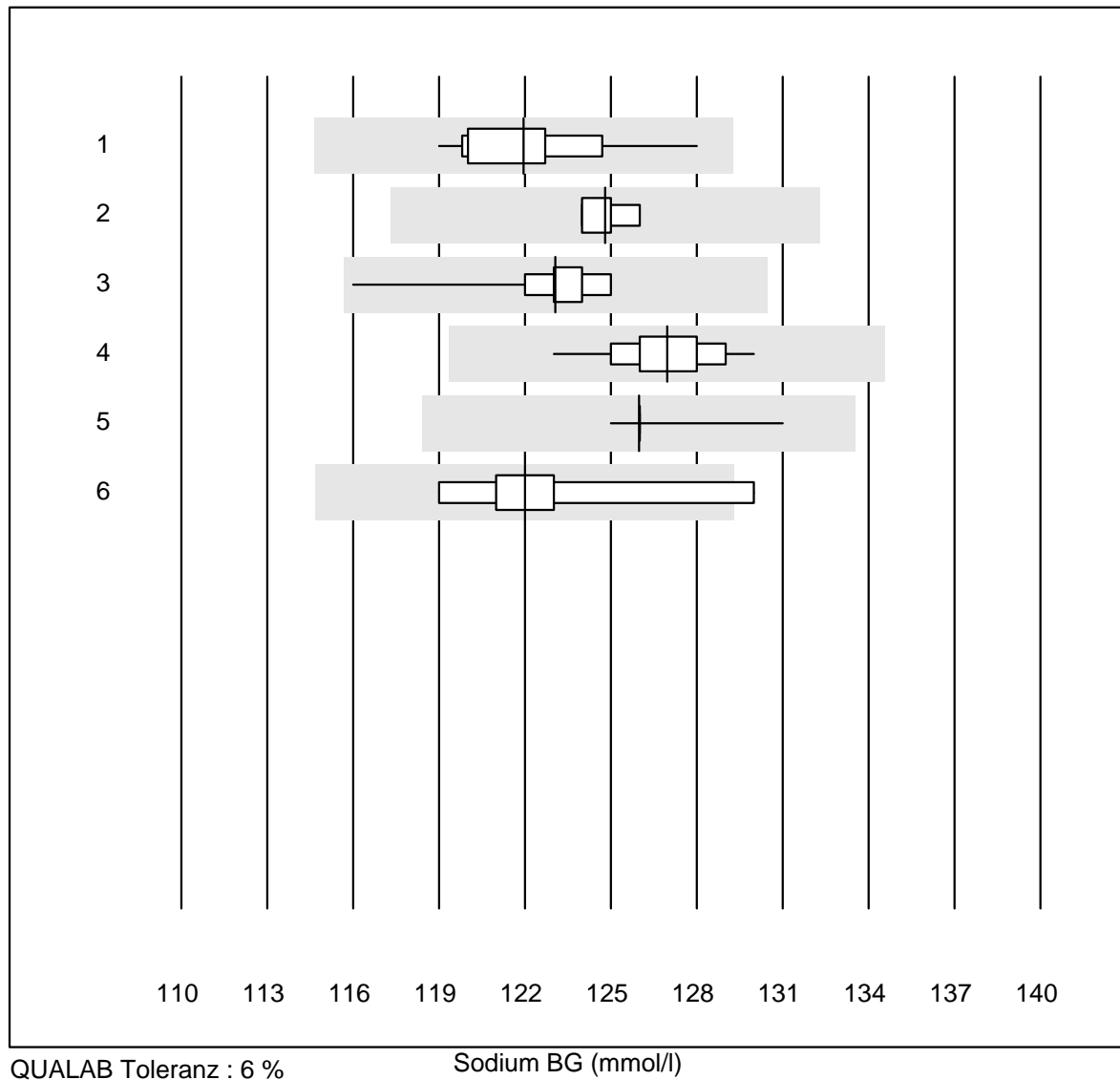
QUALAB Toleranz : 6 %

Potassium BG (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b 123	13	100.0	0.0	0.0	5.4	2.4	e
2	iStat	20	95.0	0.0	5.0	5.3	0.8	e
3	EPOC	35	100.0	0.0	0.0	5.0	1.4	e
4	ABL700/800	78	98.7	0.0	1.3	5.5	1.1	e
5	ABL90 FLEX / PLUS	75	98.7	0.0	1.3	5.5	0.9	e
6	ABL80 FLEX CO-OX / O	6	100.0	0.0	0.0	5.1	2.4	e*

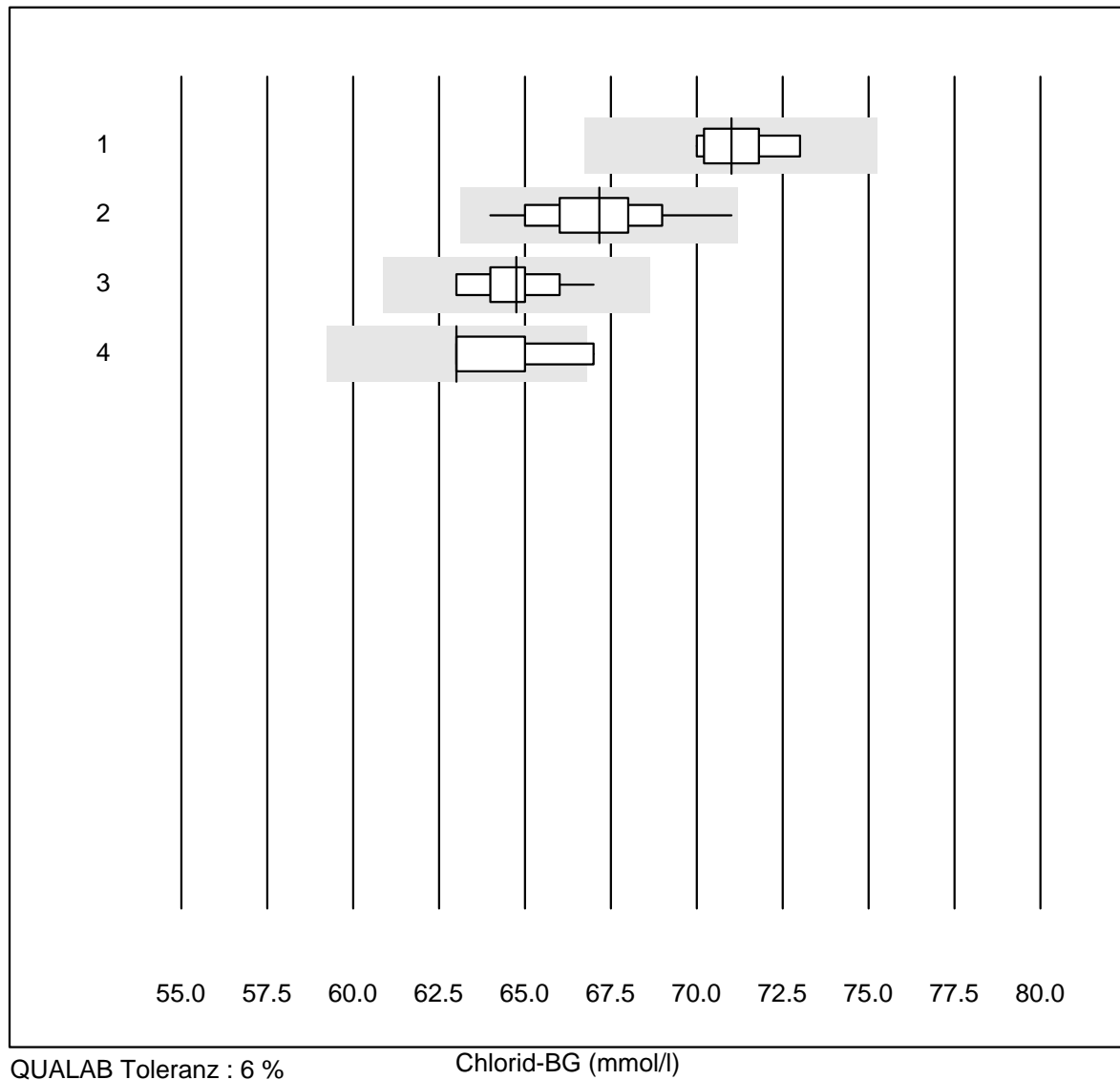


## Sodium BG



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas b 123	13	100.0	0.0	0.0	122.0	2.0	e
2 iStat	20	95.0	0.0	5.0	124.8	0.5	e
3 EPOC	33	100.0	0.0	0.0	123.1	1.5	e
4 ABL700/800	76	100.0	0.0	0.0	127.0	1.0	e
5 ABL90 FLEX / PLUS	74	100.0	0.0	0.0	126.0	0.5	e
6 ABL80 FLEX CO-OX / O	6	83.3	16.7	0.0	122.0	3.0	e*

## Chlorid-BG

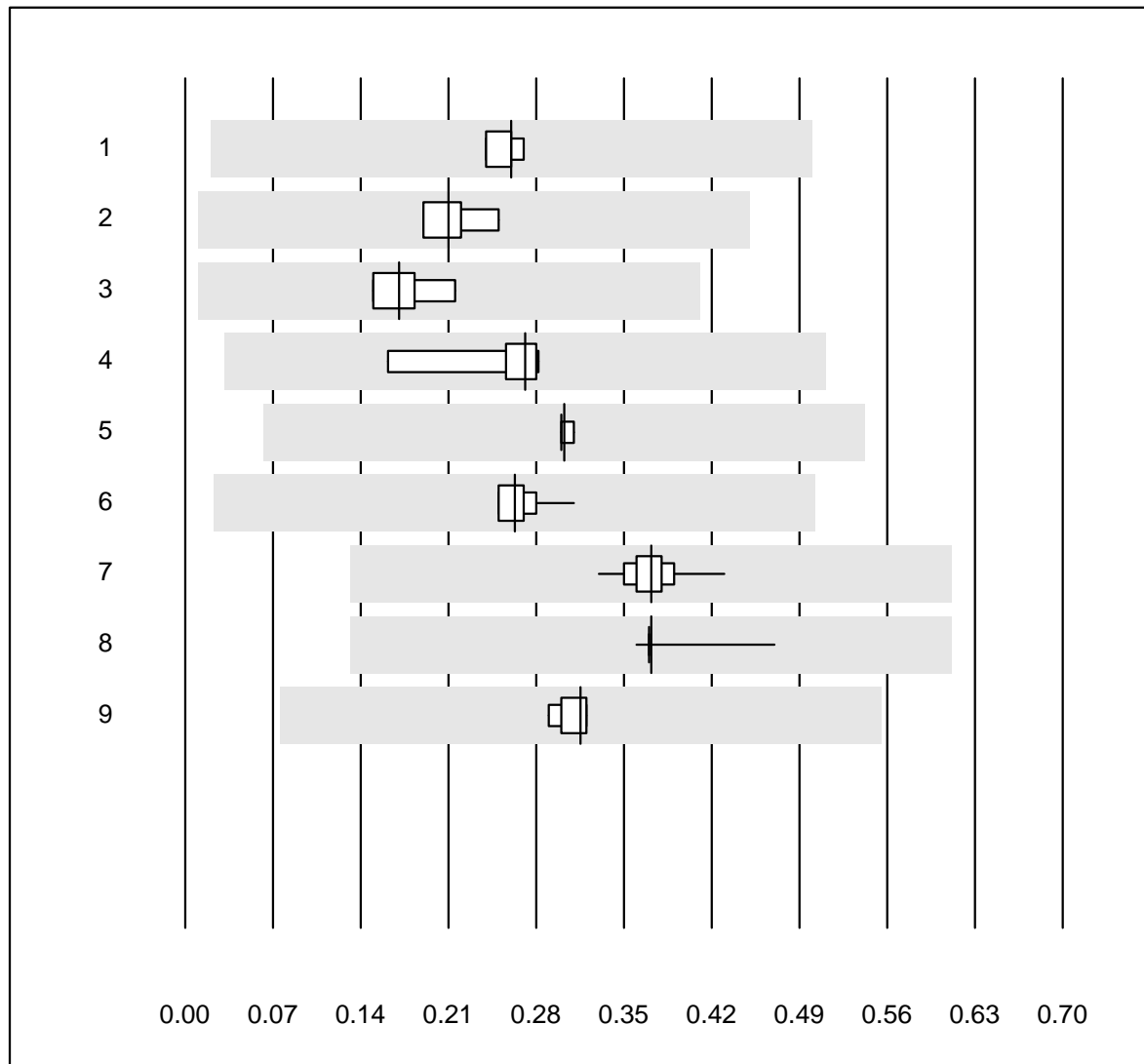


QUALAB Toleranz : 6 %

Chlorid-BG (mmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas b 123	5	100.0	0.0	0.0	71.0	1.7	e*
2 ABL700/800	72	98.6	0.0	1.4	67.2	2.2	e
3 ABL90 FLEX / PLUS	71	100.0	0.0	0.0	64.7	1.6	e
4 ABL80 FLEX CO-OX / O	4	75.0	25.0	0.0	63.0	3.0	e*

## Calcium-BG

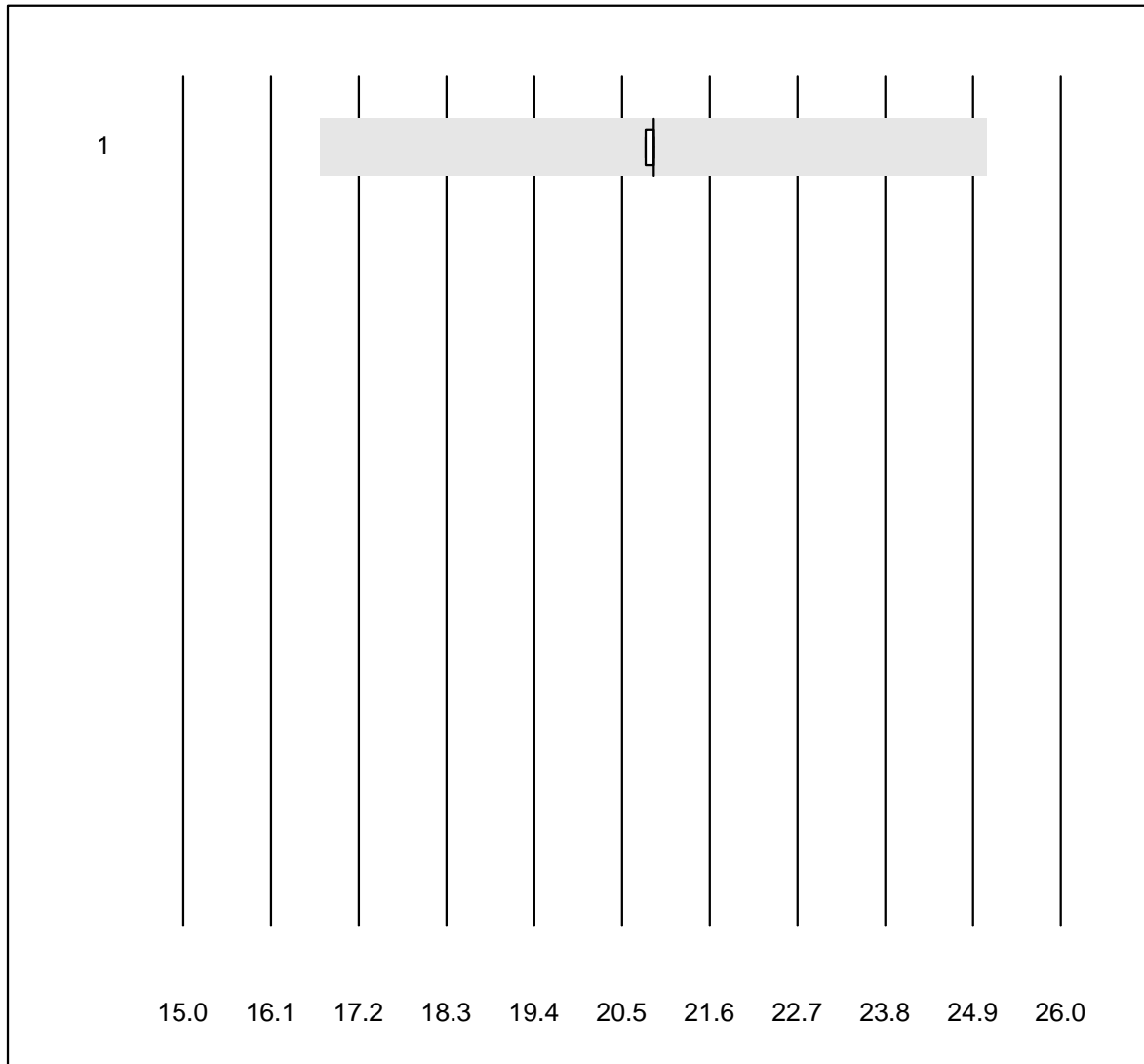


MQ tolerance : 12 %  
 (< 2.00: +/- 0.24 mmol/l)

Calcium-BG (mmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 GEM	4	100.0	0.0	0.0	0.26	4.9	e*
2 ABL80 FLEX	4	100.0	0.0	0.0	0.21	12.3	e*
3 Cobas b123	4	100.0	0.0	0.0	0.17	16.6	e*
4 Cobas	7	100.0	0.0	0.0	0.27	16.6	e*
5 iStat	11	81.8	0.0	18.2	0.30	1.5	e
6 EPOC	31	96.8	0.0	3.2	0.26	5.8	e
7 ABL700/800	77	100.0	0.0	0.0	0.37	4.3	e
8 ABL90 FLEX / PLUS	74	100.0	0.0	0.0	0.37	3.5	e
9 ABL80 FLEX CO-OX / O	5	100.0	0.0	0.0	0.32	4.2	e*

## FHHb

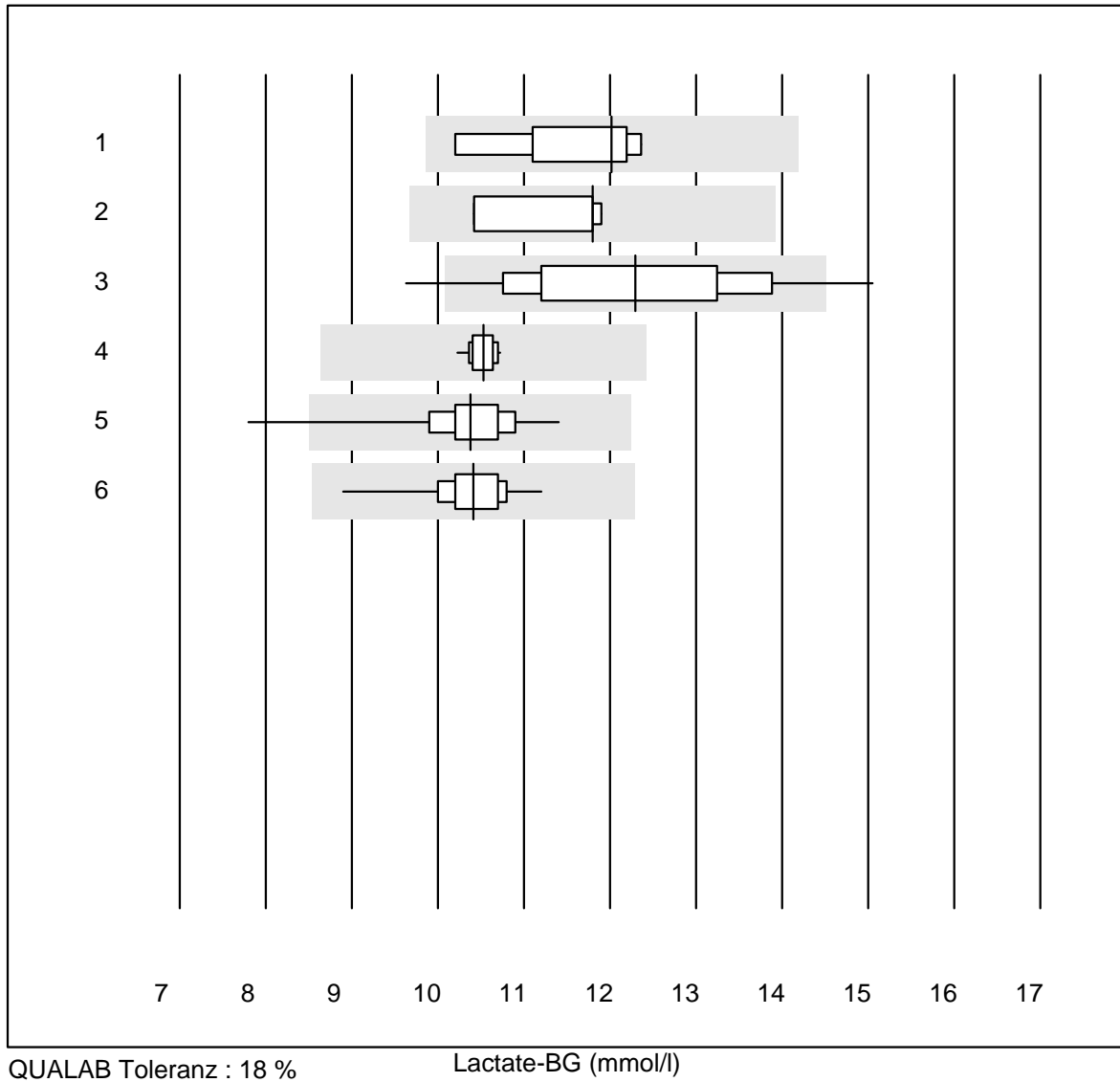


MQ tolerance : 20 %

FHHb (%)

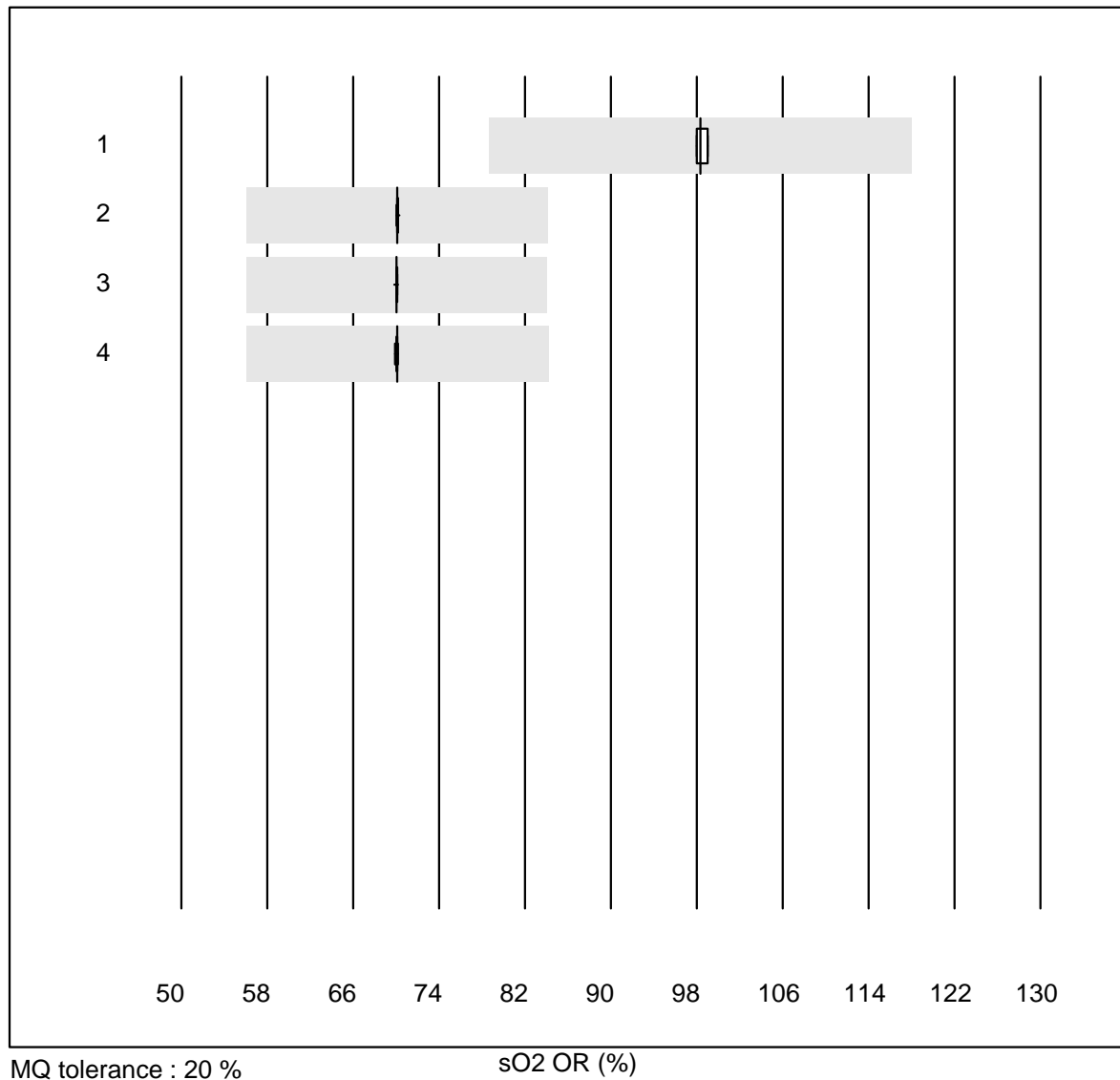
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL80 FLEX CO-OX / O	5	100.0	0.0	0.0	20.900	0.3	e

## Lactate-BG



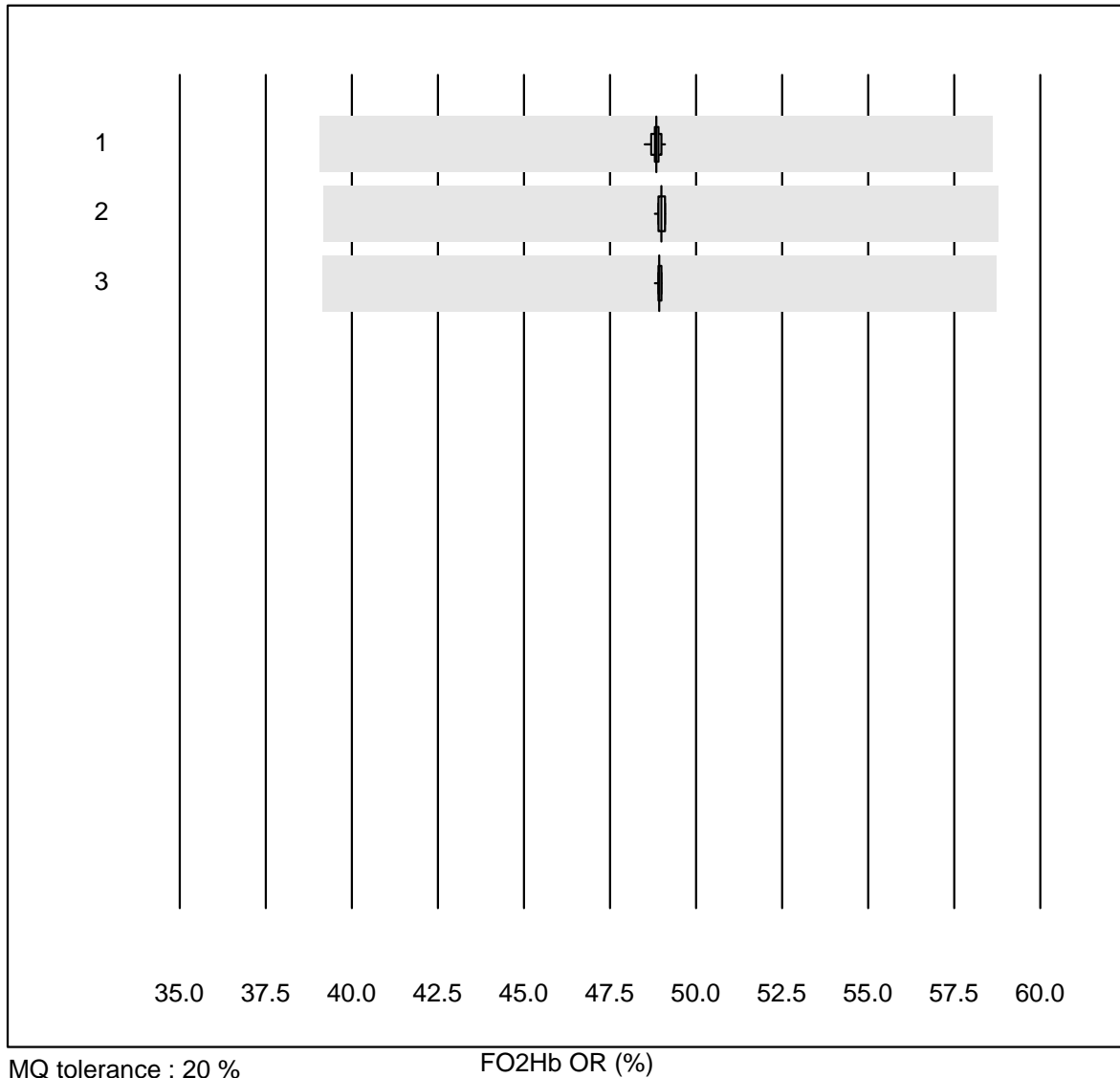
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	6	100.0	0.0	0.0	12.02	7.2	e*
2 IL	4	100.0	0.0	0.0	11.80	6.2	e*
3 EPOC	33	87.9	9.1	3.0	12.30	10.9	e
4 iStat	15	100.0	0.0	0.0	10.53	1.4	e
5 ABL700/800	81	97.5	2.5	0.0	10.37	5.5	e
6 ABL90 FLEX / PLUS	75	100.0	0.0	0.0	10.41	3.8	e

## sO2 OR



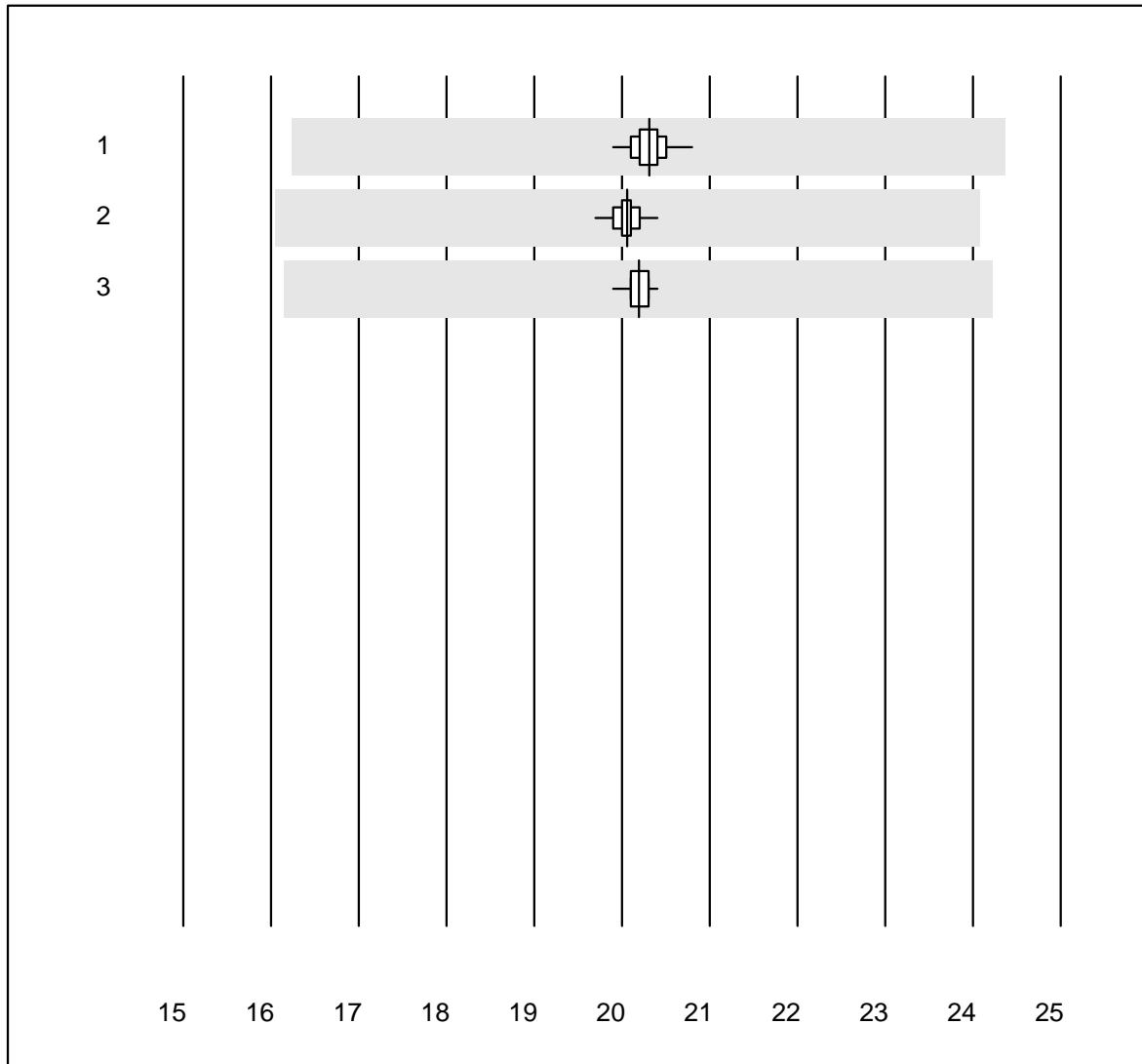
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	iStat	11	100.0	0.0	0.0	98.364	0.5	e
2	ABL700/800	61	100.0	0.0	0.0	70.120	0.1	e
3	ABL90 FLEX / PLUS	63	100.0	0.0	0.0	70.027	0.1	e
4	ABL80 FLEX CO-OX / O	9	100.0	0.0	0.0	70.100	0.1	e

## FO2Hb OR



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	60	98.3	0.0	1.7	48.839	0.2	e
2	ABL90 FLEX / PLUS	64	98.4	0.0	1.6	48.987	0.2	e
3	ABL80 FLEX CO-OX / O	11	100.0	0.0	0.0	48.930	0.1	e

## FCOHb OR



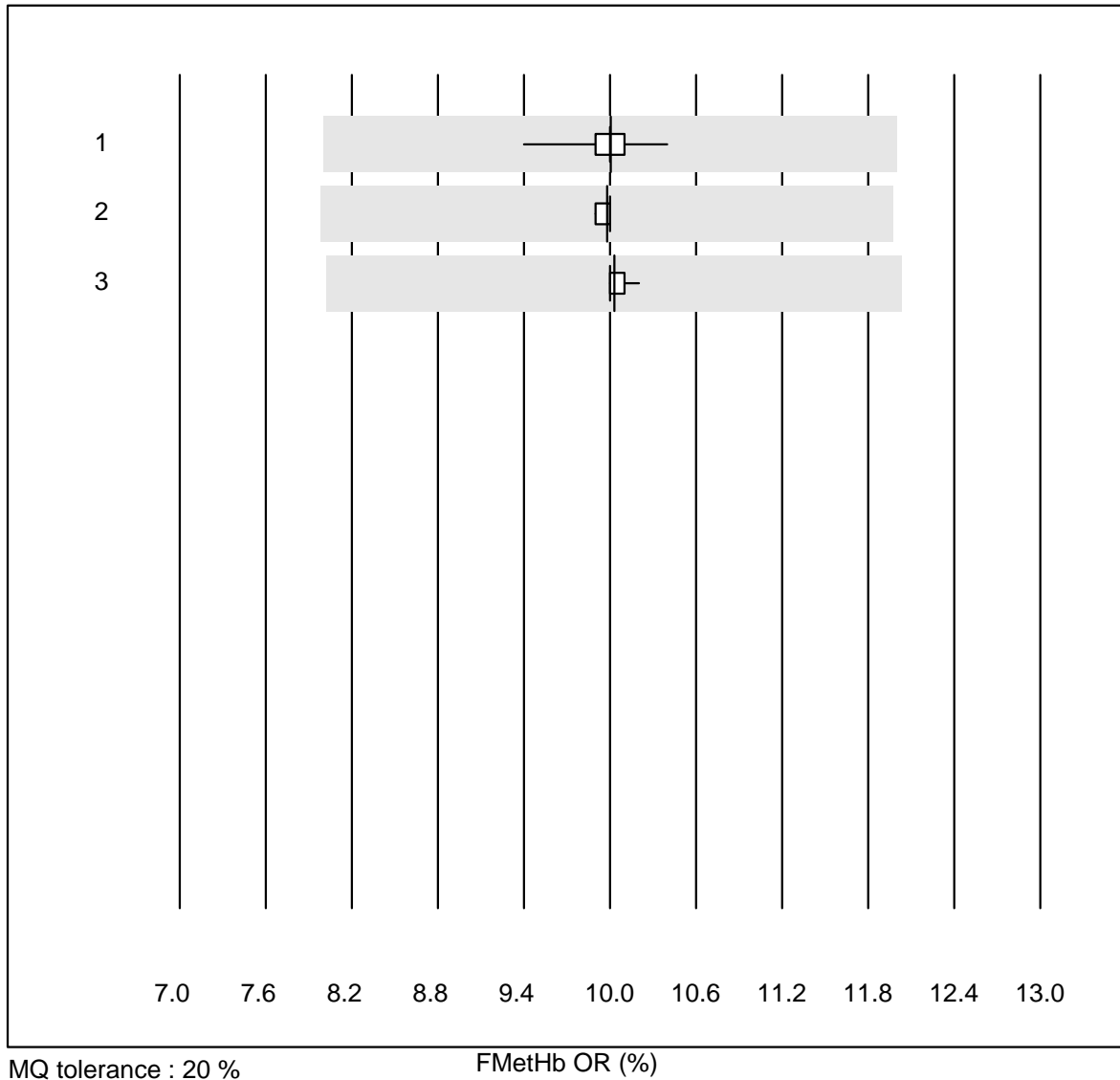
MQ tolerance : 20 %

FCOHb OR (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	62	100.0	0.0	0.0	20.308	0.9	e
2	ABL90 FLEX / PLUS	63	100.0	0.0	0.0	20.062	0.6	e
3	ABL80 FLEX CO-OX / O	11	100.0	0.0	0.0	20.190	0.7	e

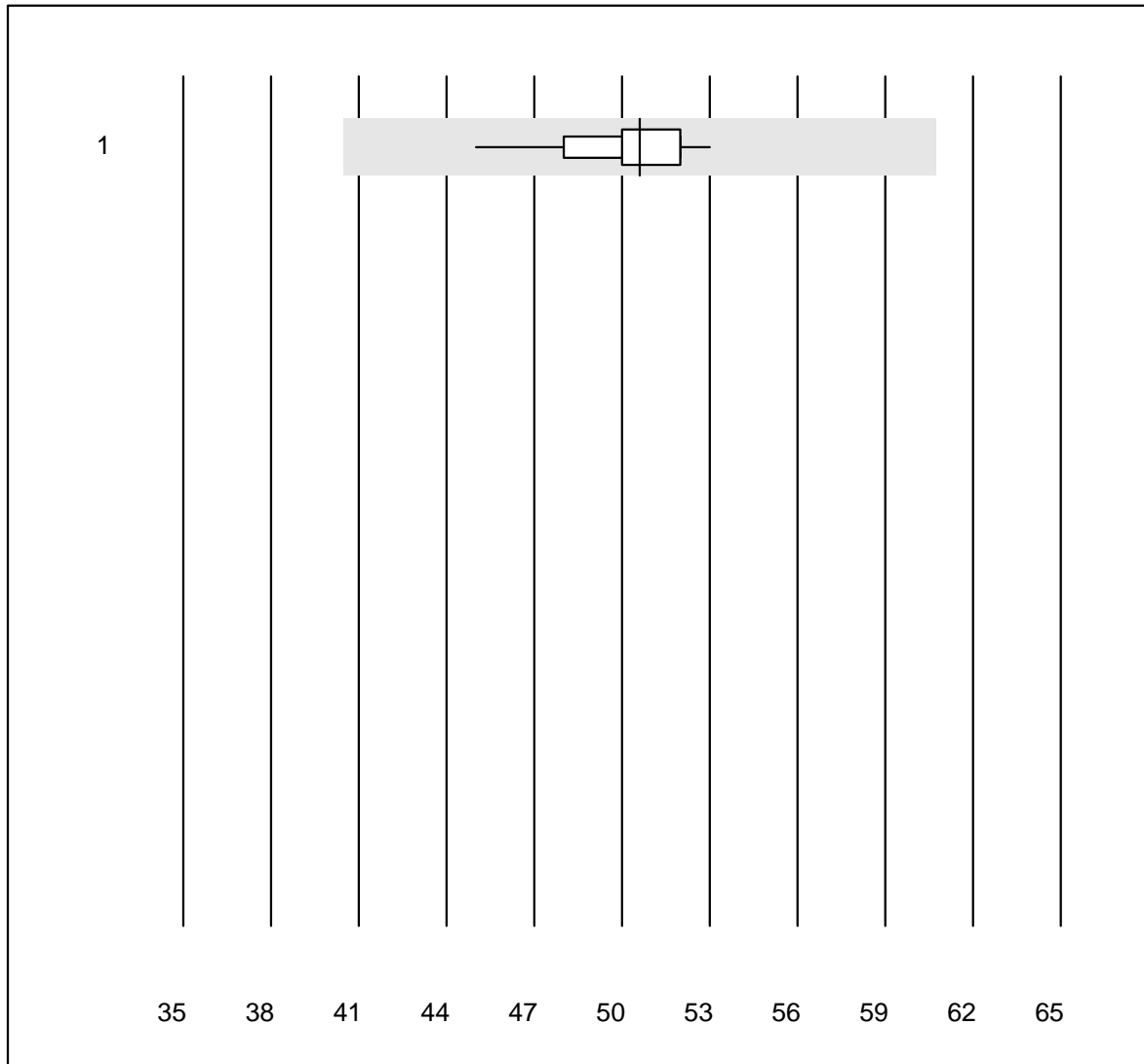


## FMetHb OR



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL700/800	64	100.0	0.0	0.0	10.003	1.3	e
2	ABL90 FLEX / PLUS	63	98.4	0.0	1.6	9.979	0.4	e
3	ABL80 FLEX CO-OX / O	11	90.9	0.0	9.1	10.030	0.7	e

## FHbF OR

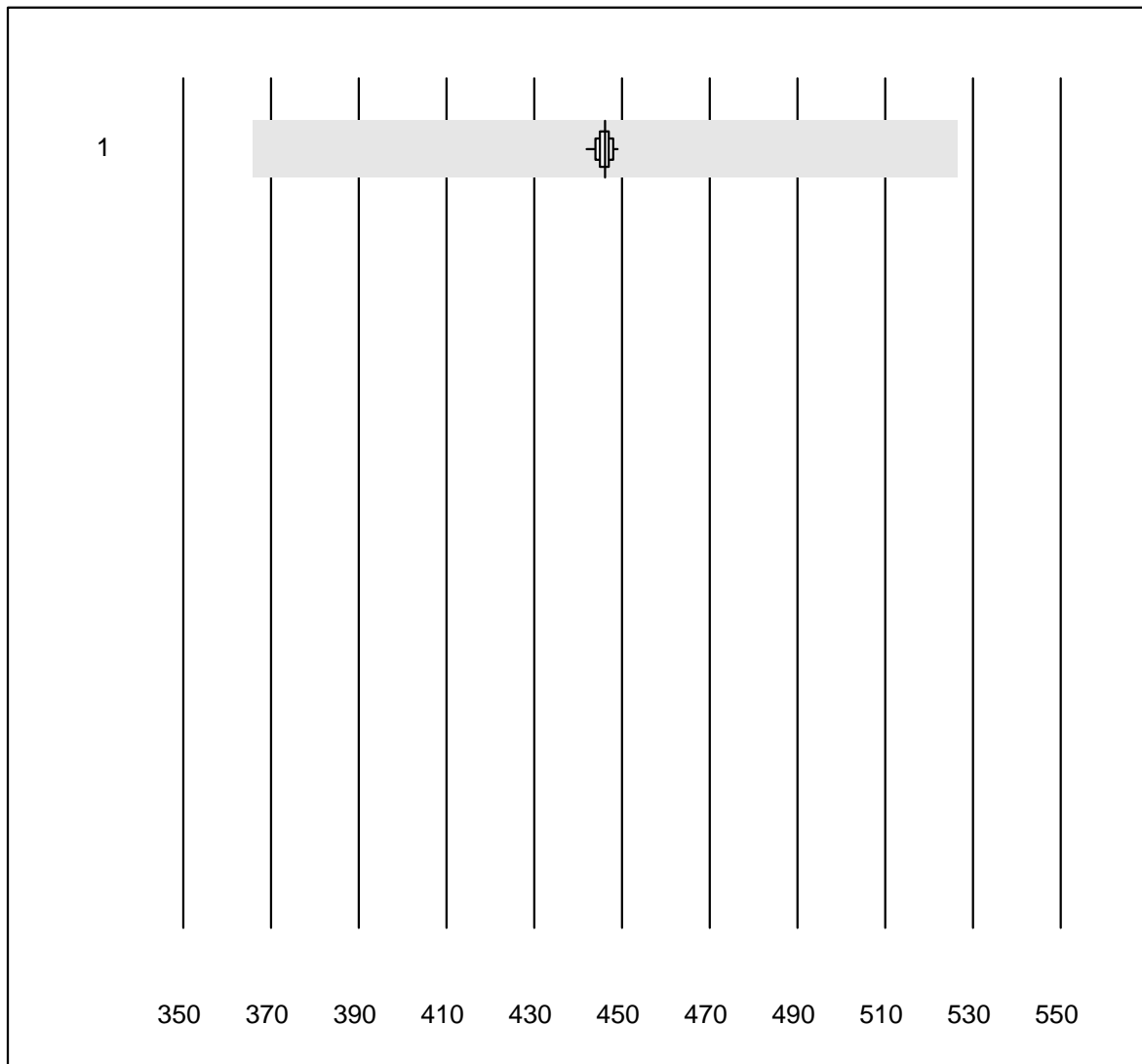


MQ tolerance : 20 %

FHbF OR (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL90 FLEX / PLUS	15	100.0	0.0	0.0	50.600	3.9	e

## Bilirubin OR

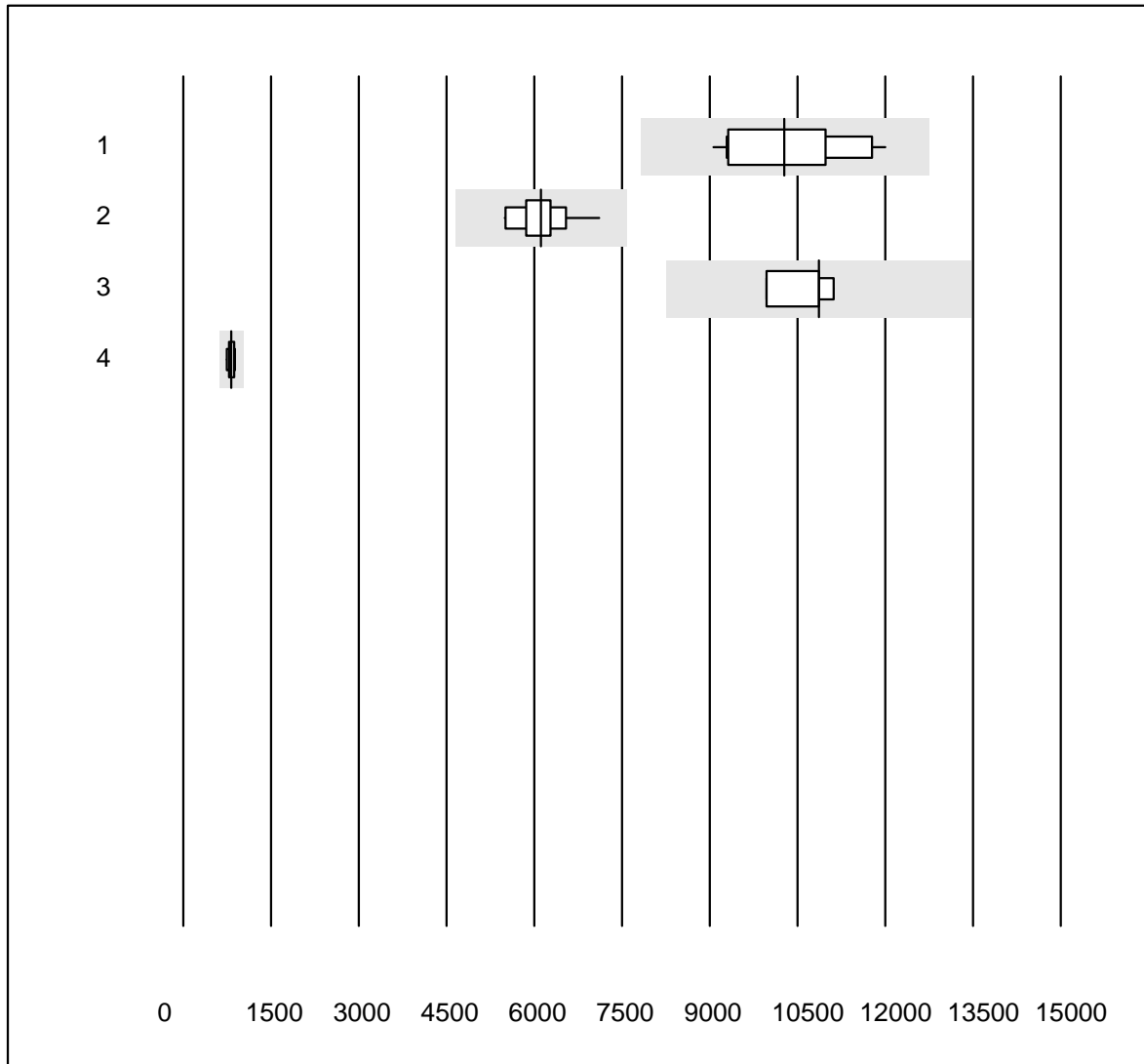


QUALAB Toleranz : 18 %

Bilirubin OR (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ABL90 FLEX / PLUS	24	100.0	0.0	0.0	446.1	0.4	e

## Troponin I

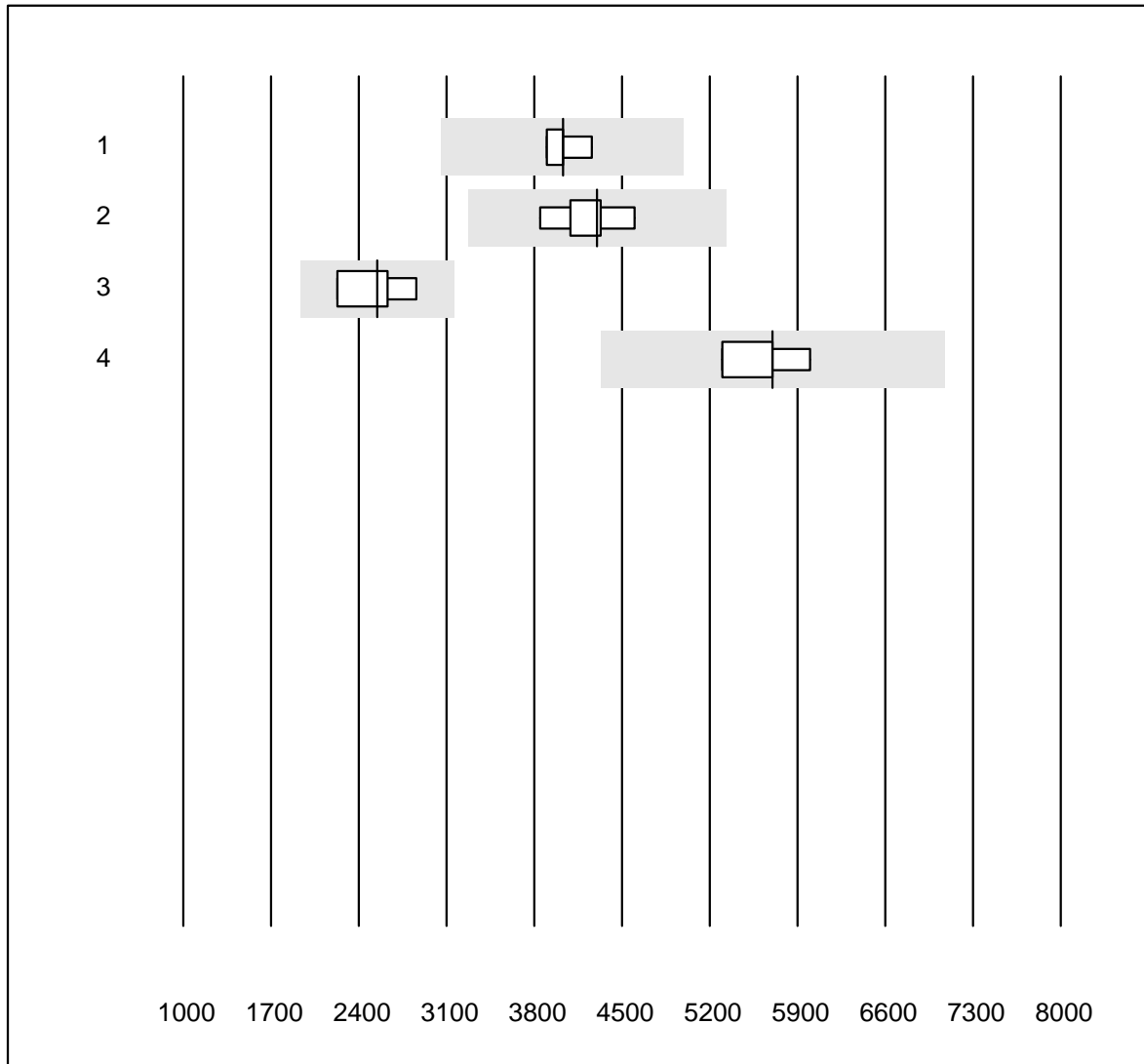


QUALAB Toleranz : 24 %

Troponin I (ng/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Vidas	13	100.0	0.0	0.0	10277.1	9.4	e
2	Architect High Sensi	12	100.0	0.0	0.0	6112.5	7.4	e
3	Other methods	4	100.0	0.0	0.0	10861.0	4.6	e
4	AQT 90 FLEX	7	100.0	0.0	0.0	820.0	6.0	e

## Troponin T

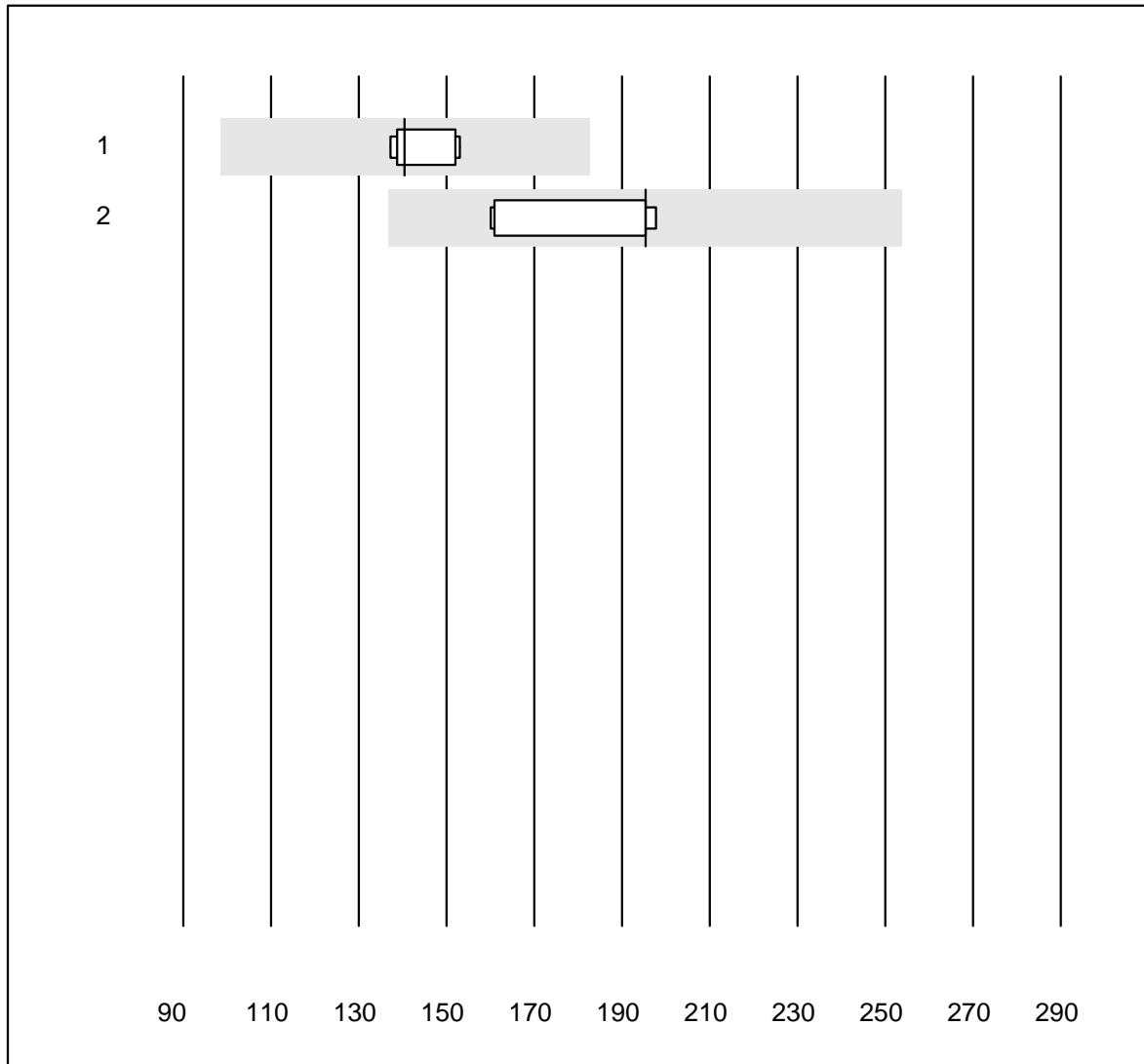


QUALAB Toleranz : 24 %

Troponin T (ng/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas hs	4	100.0	0.0	0.0	4027.50	3.7	e
2	Cobas hs STAT	9	100.0	0.0	0.0	4300.00	5.6	e
3	Cobas E / Elecsys	4	100.0	0.0	0.0	2548.00	10.4	e*
4	AQT 90 FLEX	4	100.0	0.0	0.0	5700.00	5.1	e

## Myoglobin

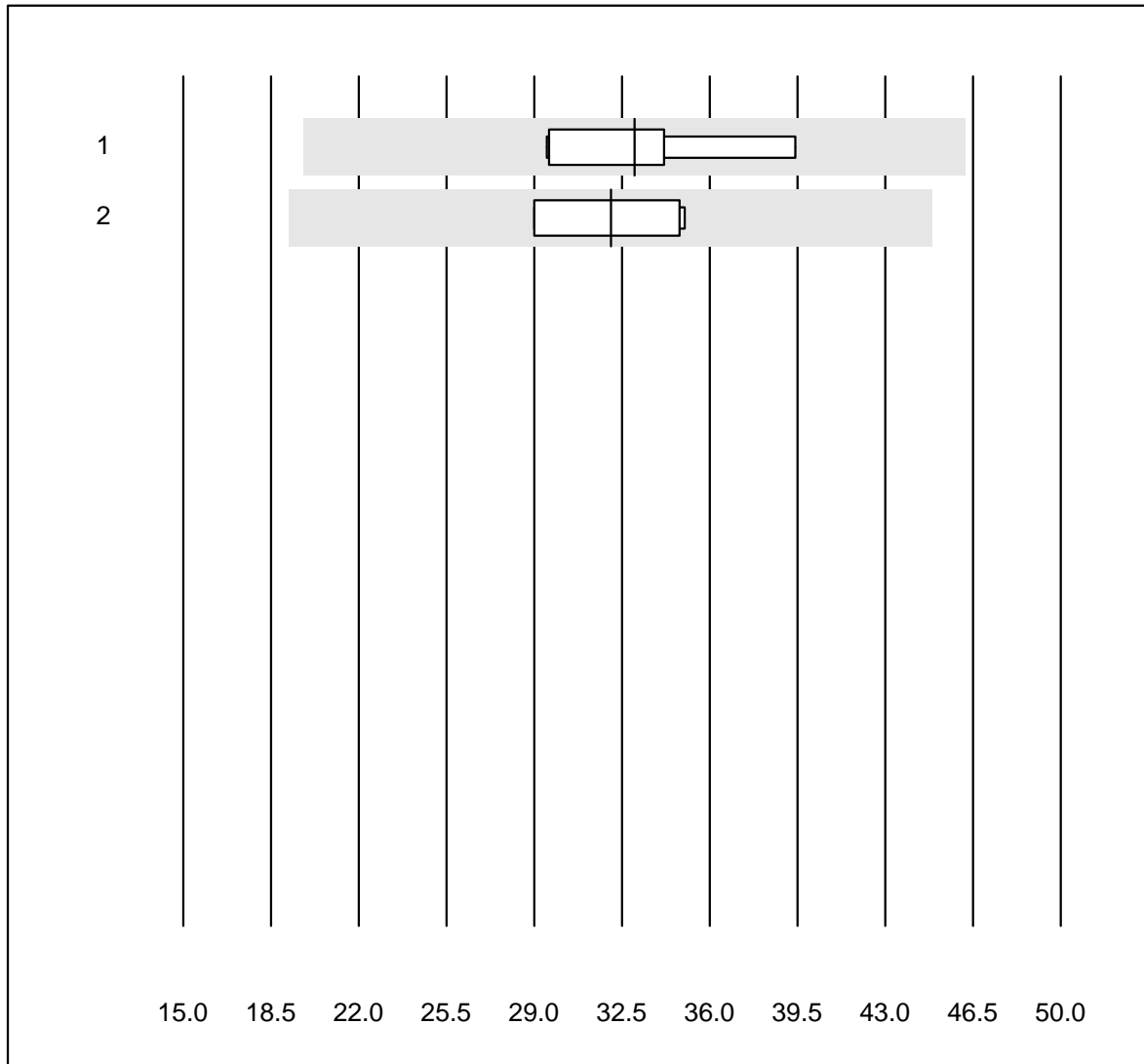


QUALAB Toleranz : 30 %

Myoglobin (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	140.5	4.8	e
2	Architect	5	100.0	0.0	0.0	195.3	10.7	e*

## CK-MB mass

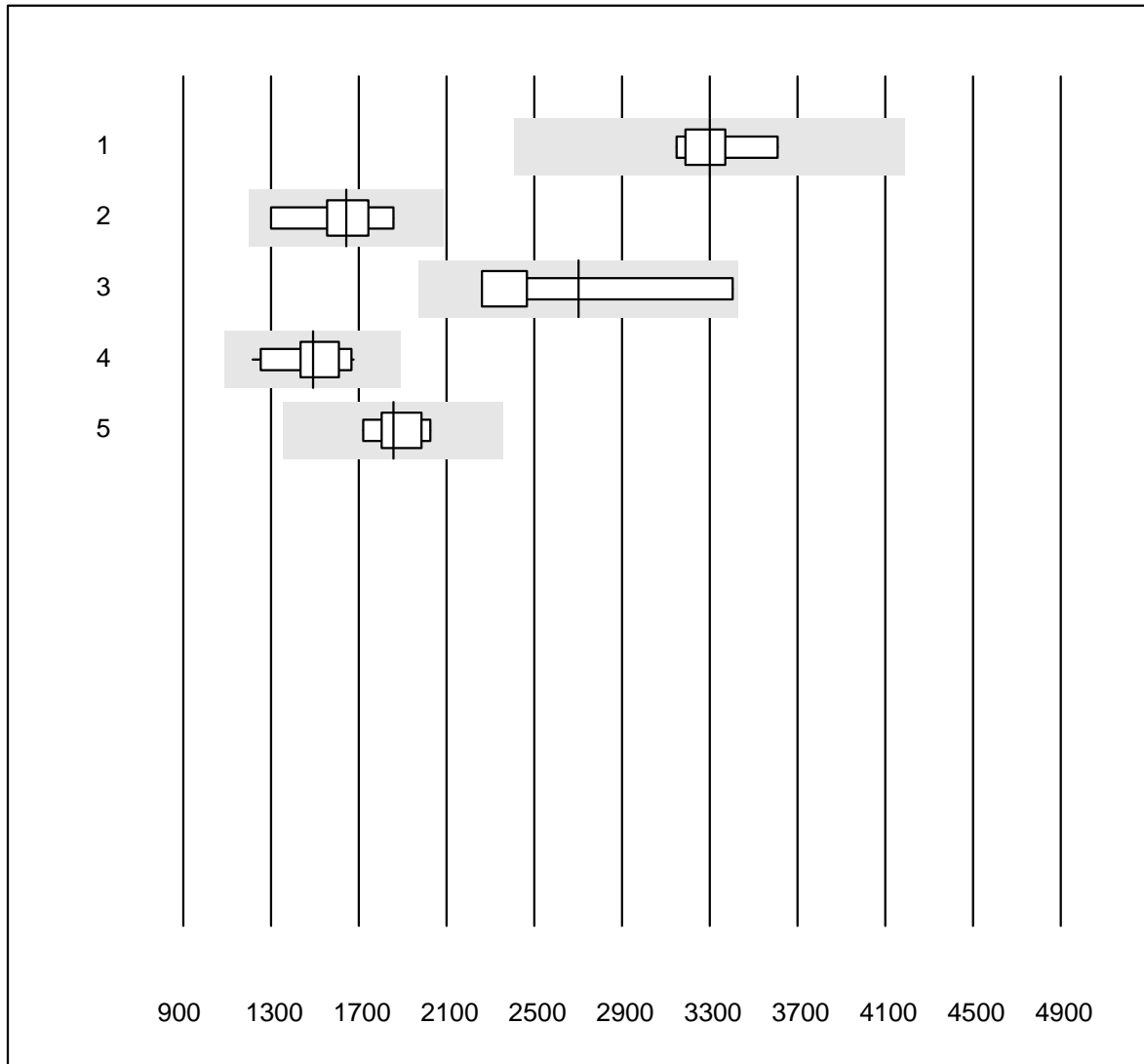


MQ tolerance : 40 %

CK-MB mass (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	5	100.0	0.0	0.0	33.0	12.3	e*
2	Cobas E / Elecsys	4	100.0	0.0	0.0	32.1	10.4	e*

## NT-proBNP



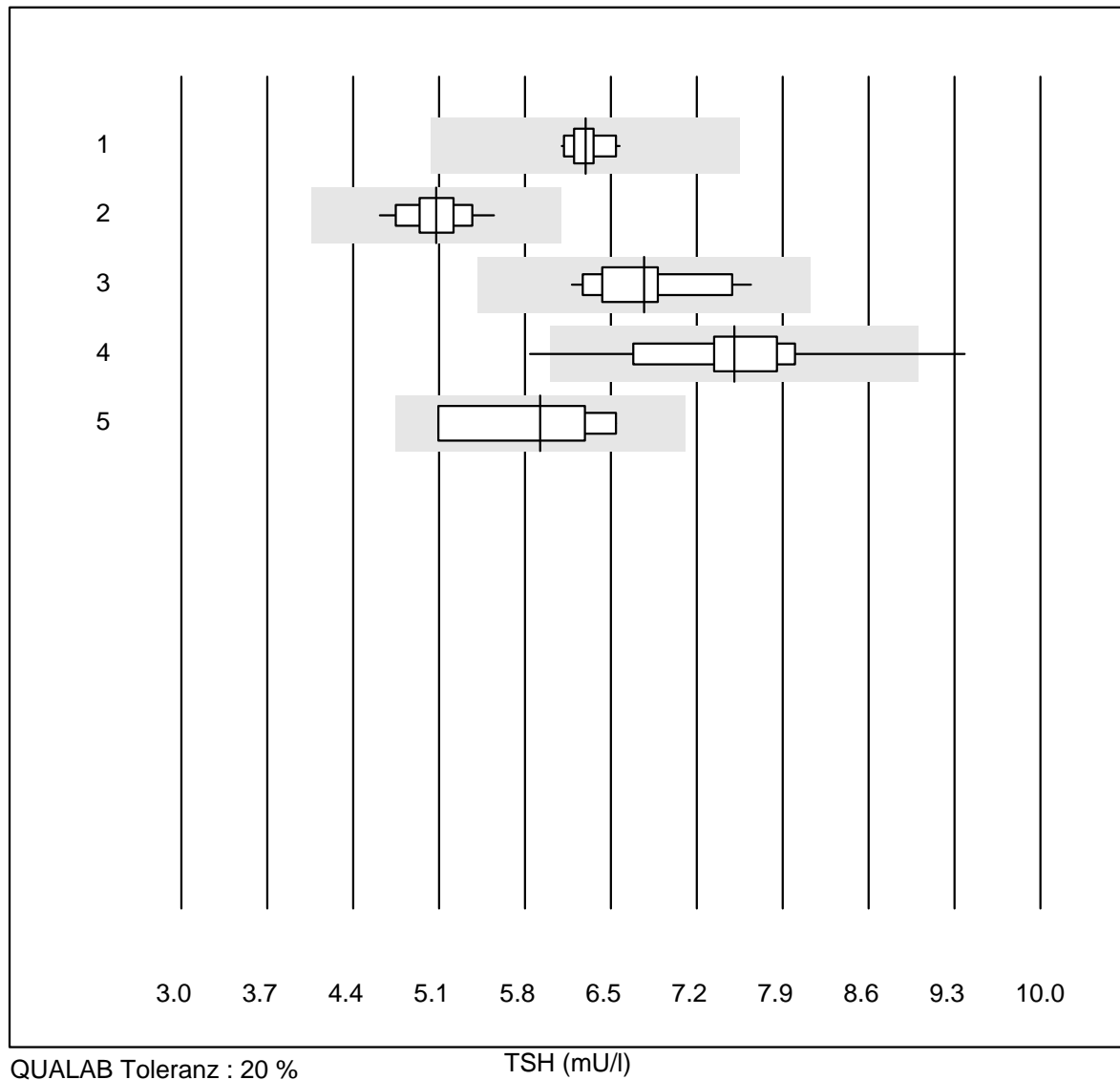
QUALAB Toleranz : 27 %

NT-proBNP (ng/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AQT 90 FLEX	8	100.0	0.0	0.0	3300.0	4.5	e
2	VIDAS	9	100.0	0.0	0.0	1642.0	11.5	e*
3	Other methods	4	100.0	0.0	0.0	2700.0	20.3	a
4	Cobas E / Elecsys	16	100.0	0.0	0.0	1490.0	9.1	e
5	Architect	5	100.0	0.0	0.0	1858.0	6.7	e

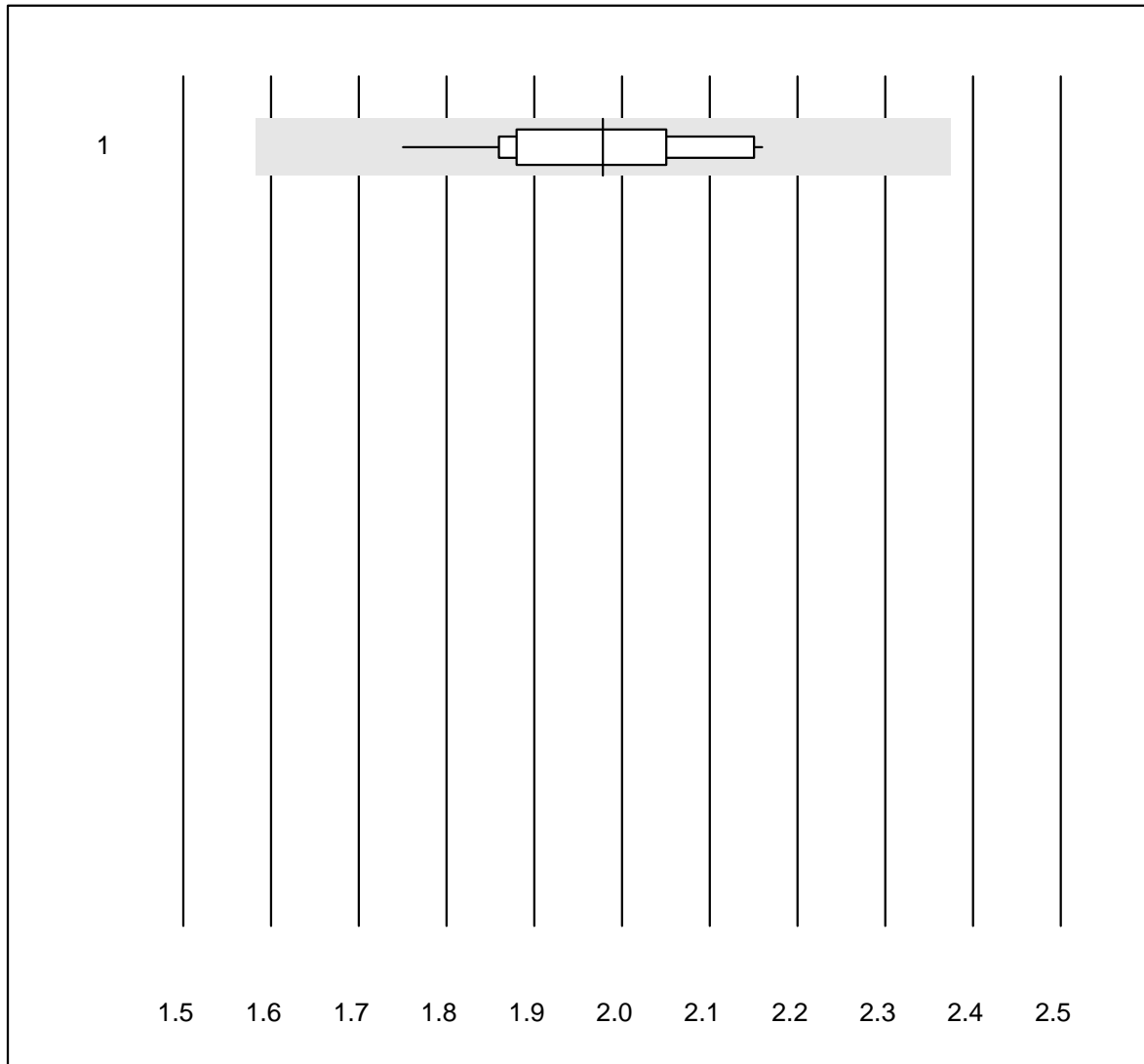


# TSH



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas E / Elecsys	15	100.0	0.0	0.0	6.29	2.3	e
2 Architect	14	100.0	0.0	0.0	5.08	4.9	e
3 VIDAS	16	100.0	0.0	0.0	6.77	5.9	e
4 AFIAS	38	92.1	7.9	0.0	7.50	8.3	e
5 Other methods	4	100.0	0.0	0.0	5.92	11.3	e*

# T3

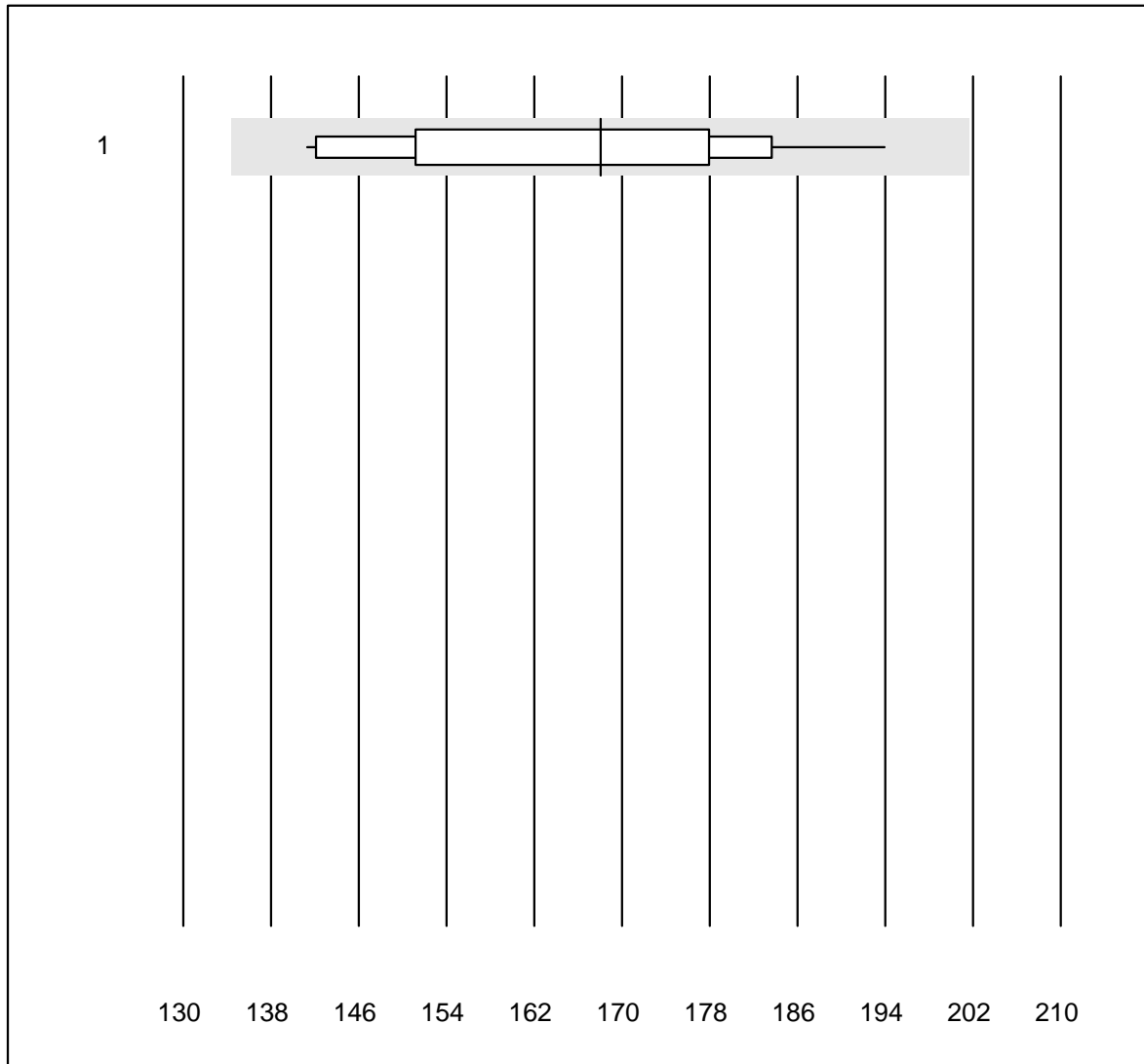


MQ tolerance : 20 %

T3 (nmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	AFIAS	11	100.0	0.0	0.0	2.0	6.2	e

# T4

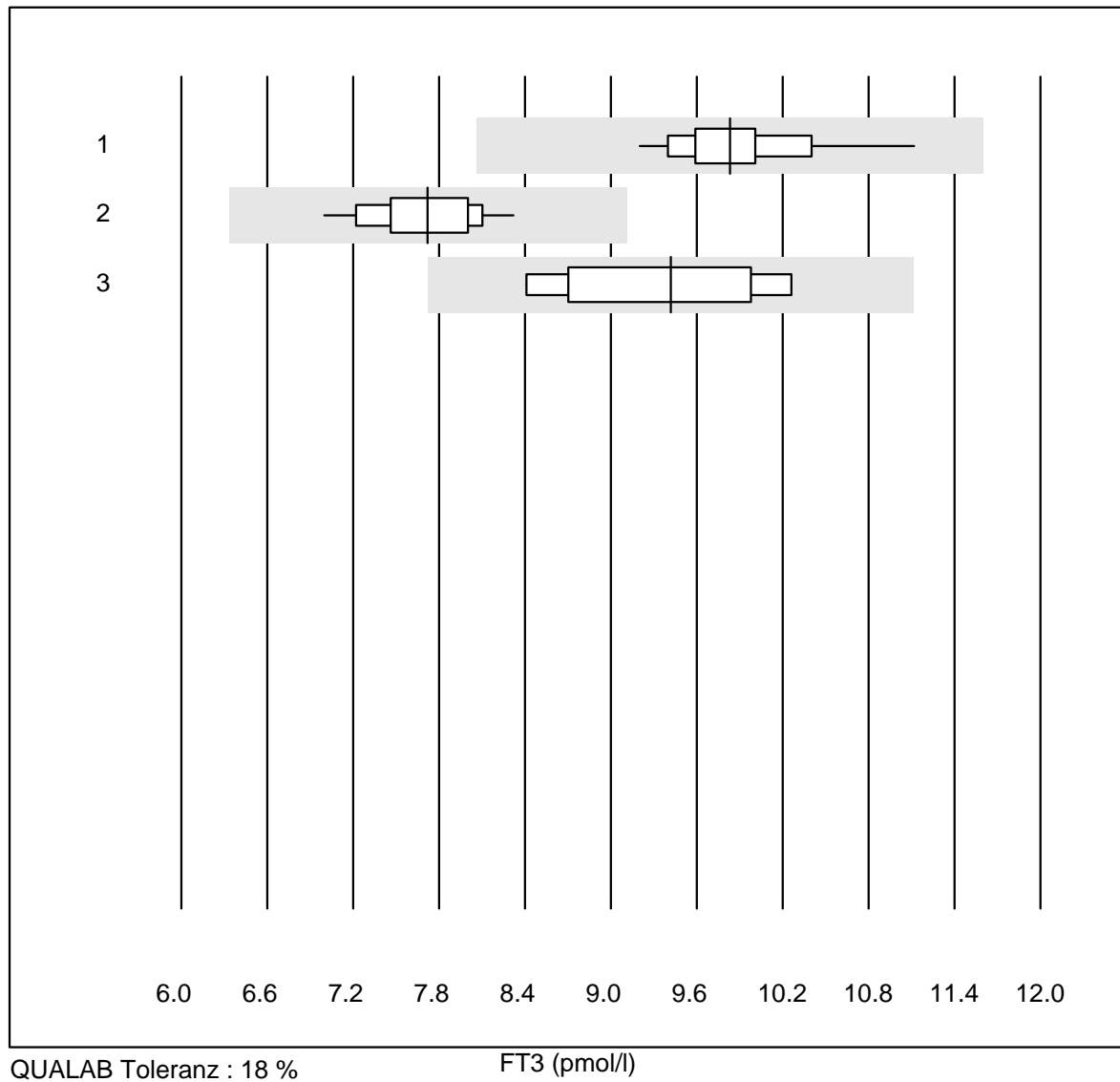


MQ tolerance : 20 %

T4 (nmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 AFIAS	12	100.0	0.0	0.0	168	9.9	e*

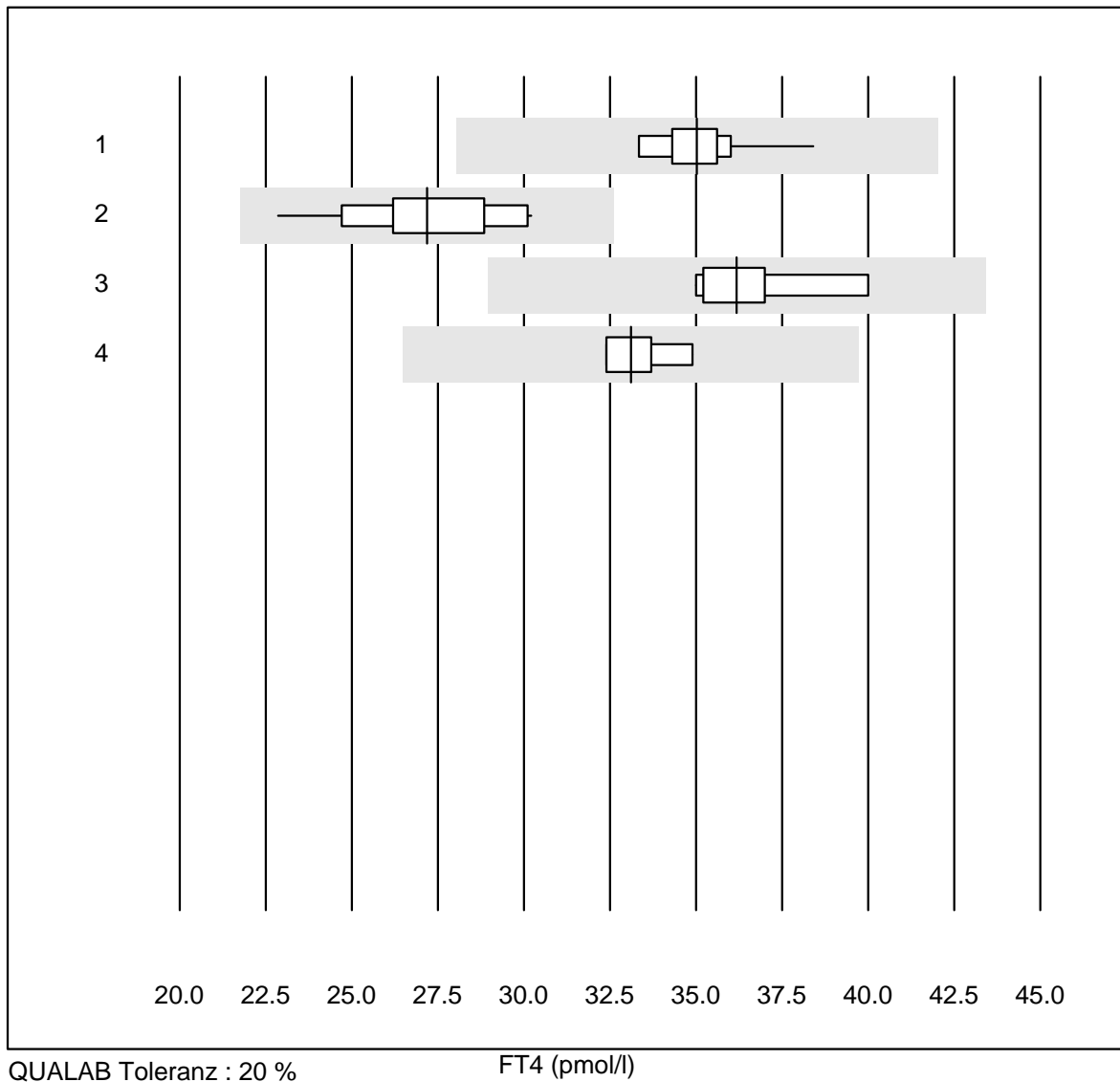
## FT3



QUALAB Toleranz : 18 %

FT3 (pmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas E / Elecsys	15	100.0	0.0	0.0	9.8	4.7	e
2 Architect	12	100.0	0.0	0.0	7.7	4.9	e
3 VIDAS	8	100.0	0.0	0.0	9.4	8.0	e*

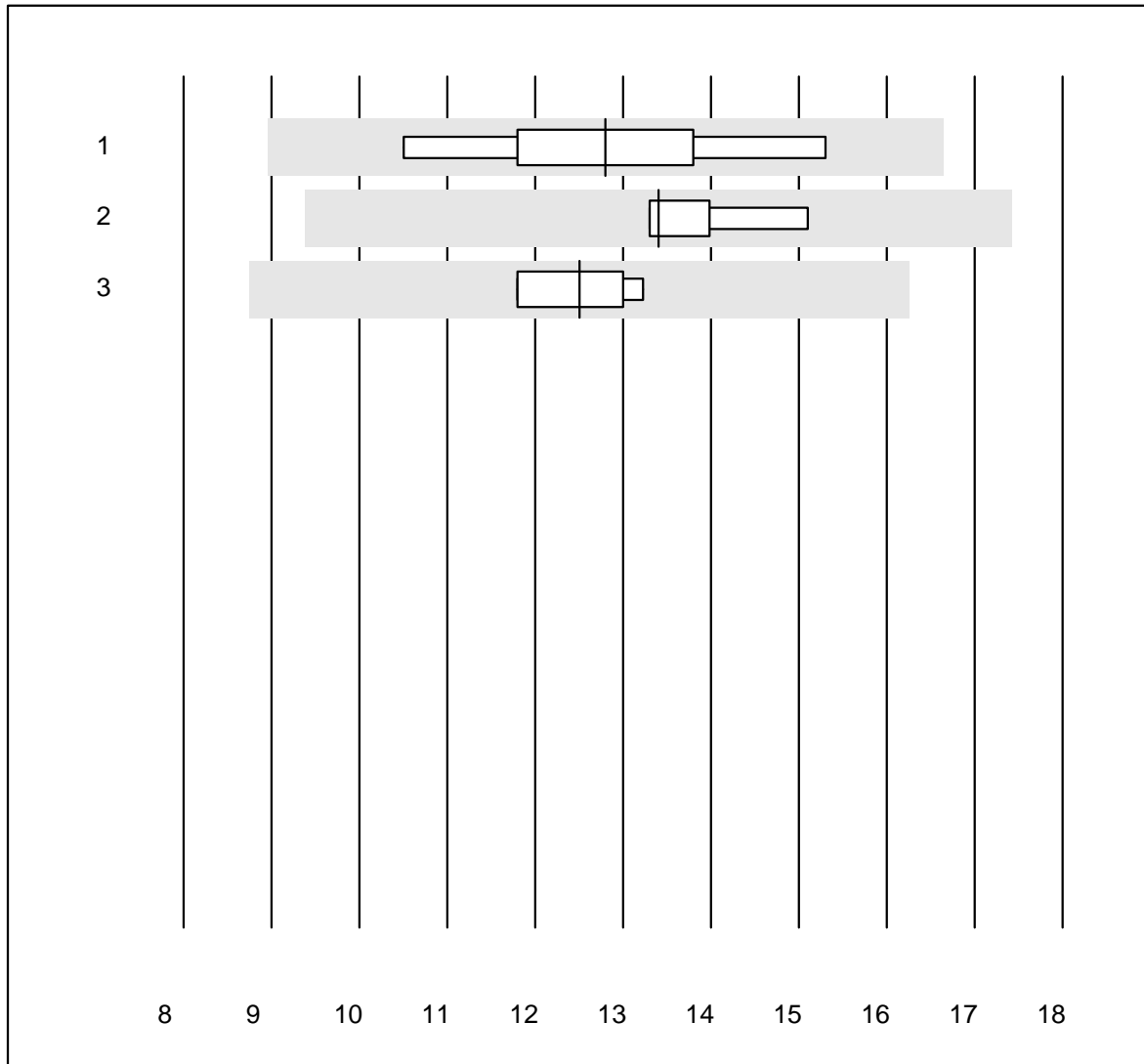
**FT4**

QUALAB Toleranz : 20 %

FT4 (pmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas E / Elecsys	16	100.0	0.0	0.0	35.0	3.6	e
2 Architect	14	92.9	0.0	7.1	27.2	7.7	e
3 VIDAS	8	100.0	0.0	0.0	36.2	5.1	e
4 Other methods	4	100.0	0.0	0.0	33.1	3.5	e

## Testosterone

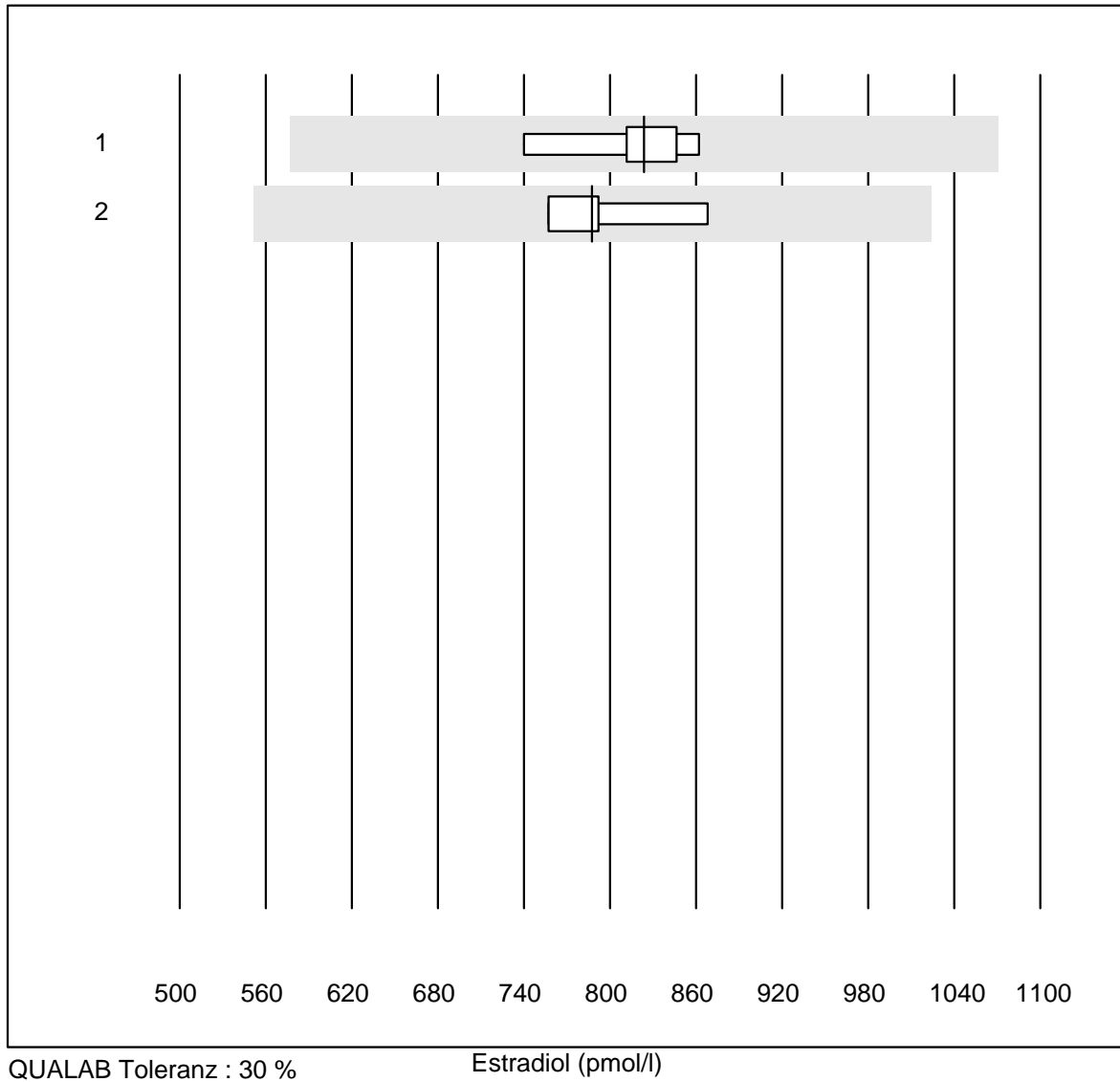


QUALAB Toleranz : 30 %

Testosterone (nmol/l)

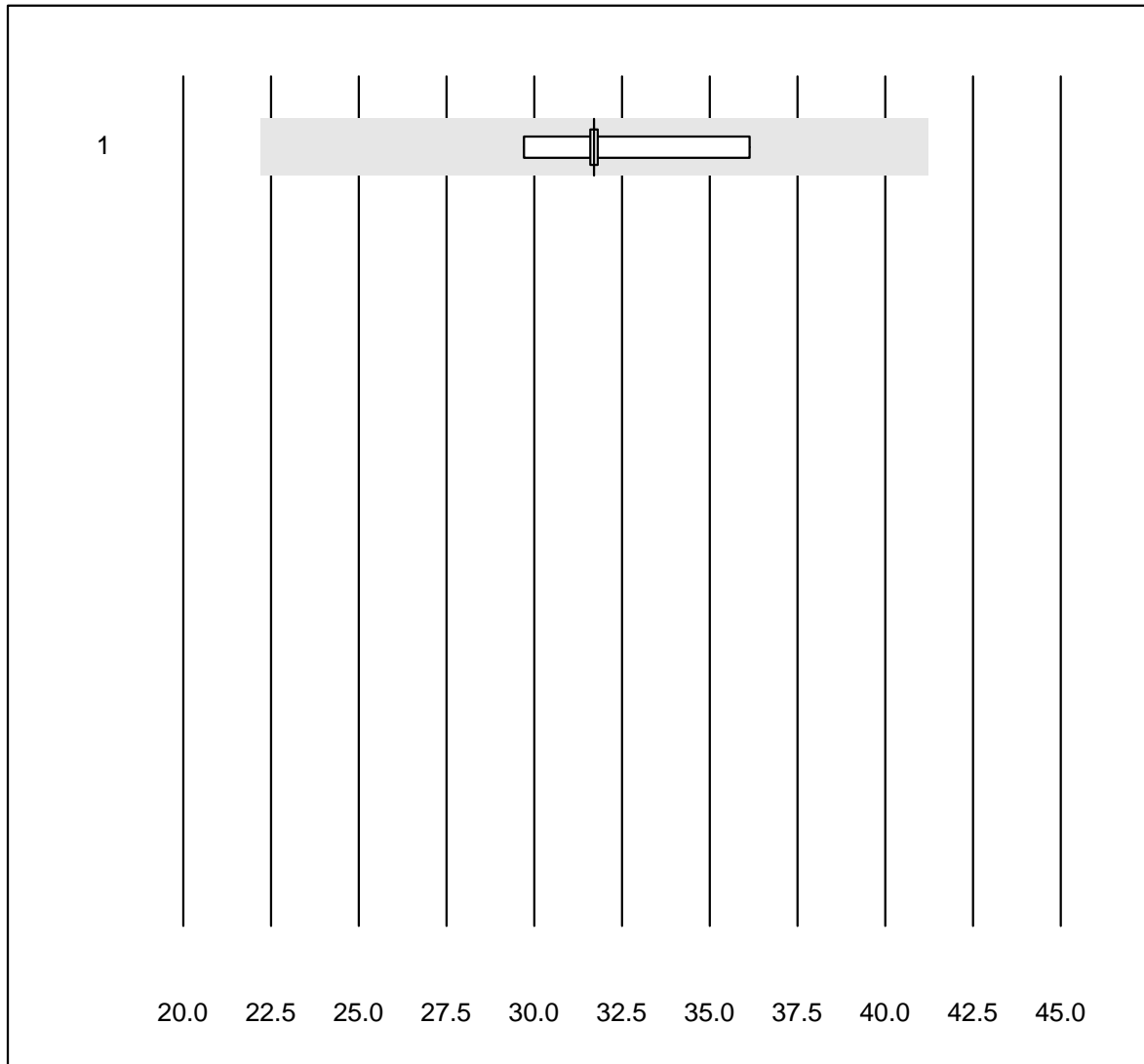
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	5	100.0	0.0	0.0	12.8	14.3	e*
2 Cobas	5	100.0	0.0	0.0	13.4	5.6	e
3 Architect	4	100.0	0.0	0.0	12.5	5.7	e

## Estradiol



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	6	100.0	0.0	0.0	824	5.2	e
2 Architect	4	100.0	0.0	0.0	788	6.0	e

# SHBG



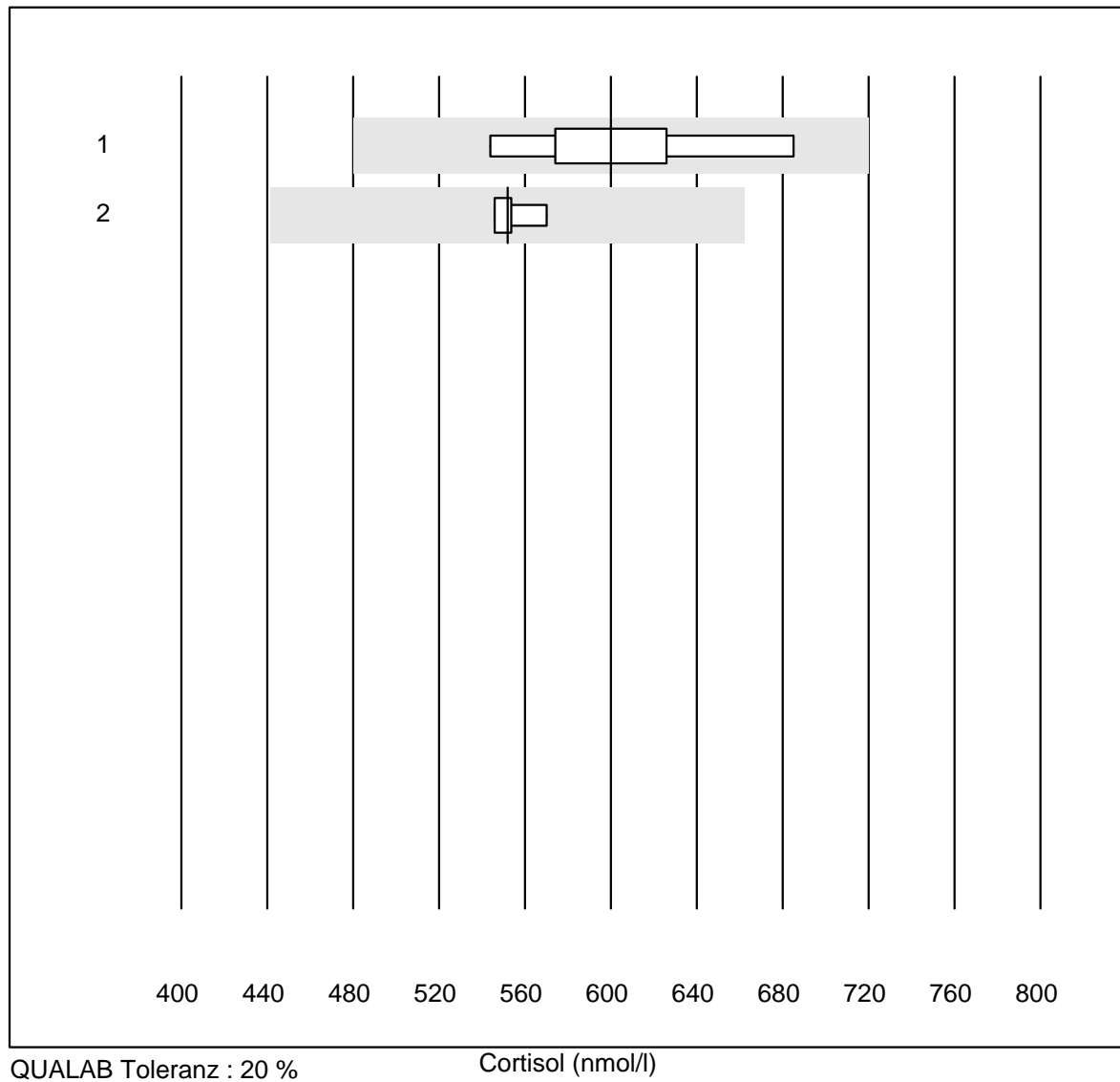
MQ tolerance : 30 %

SHBG (nmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	5	100.0	0.0	0.0	31.7	7.4	e



# Cortisol

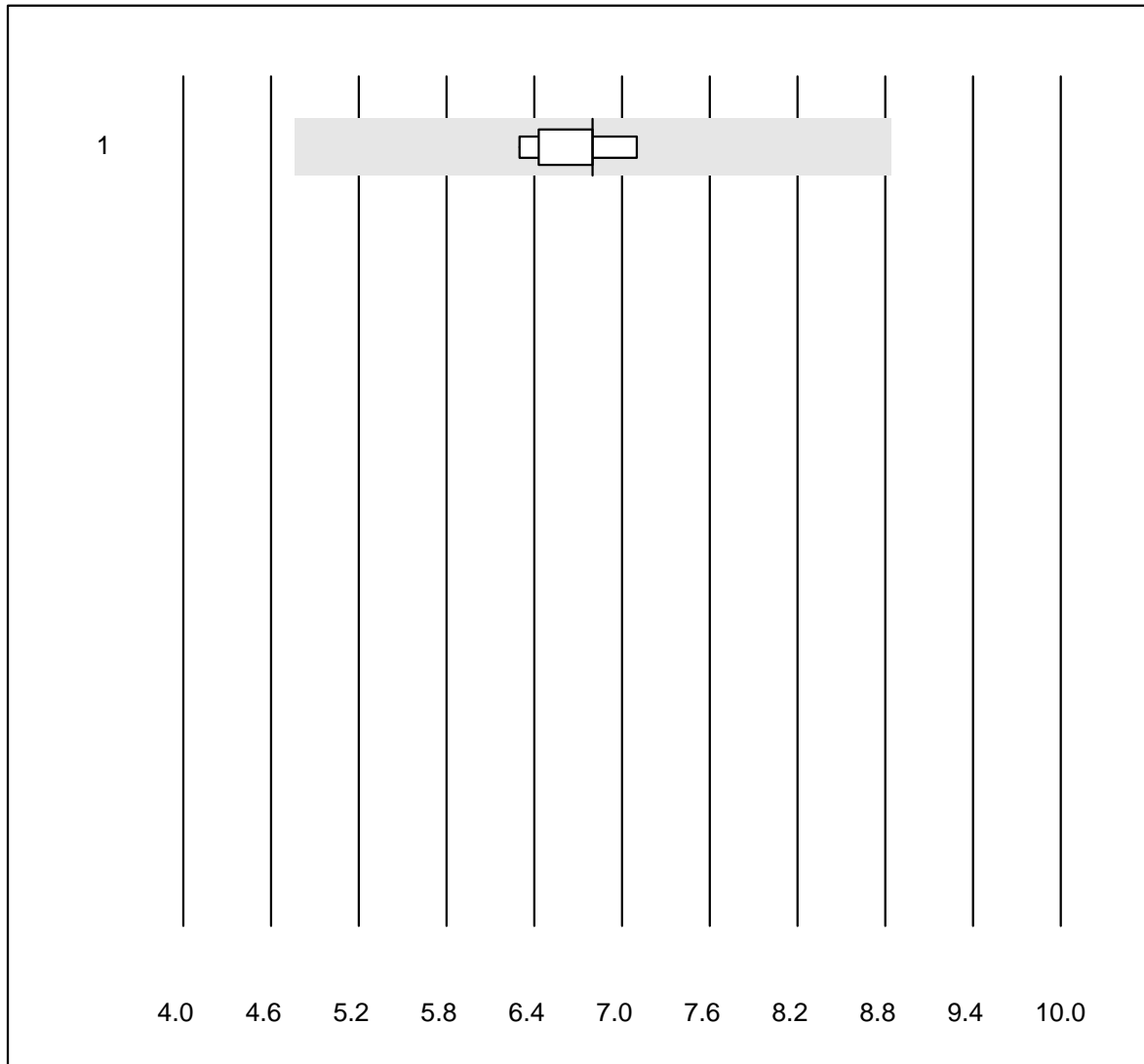


QUALAB Toleranz : 20 %

Cortisol (nmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	8	100.0	0.0	0.0	600	7.2	e*
2	Architect	4	100.0	0.0	0.0	552	1.9	e

# DHEAS

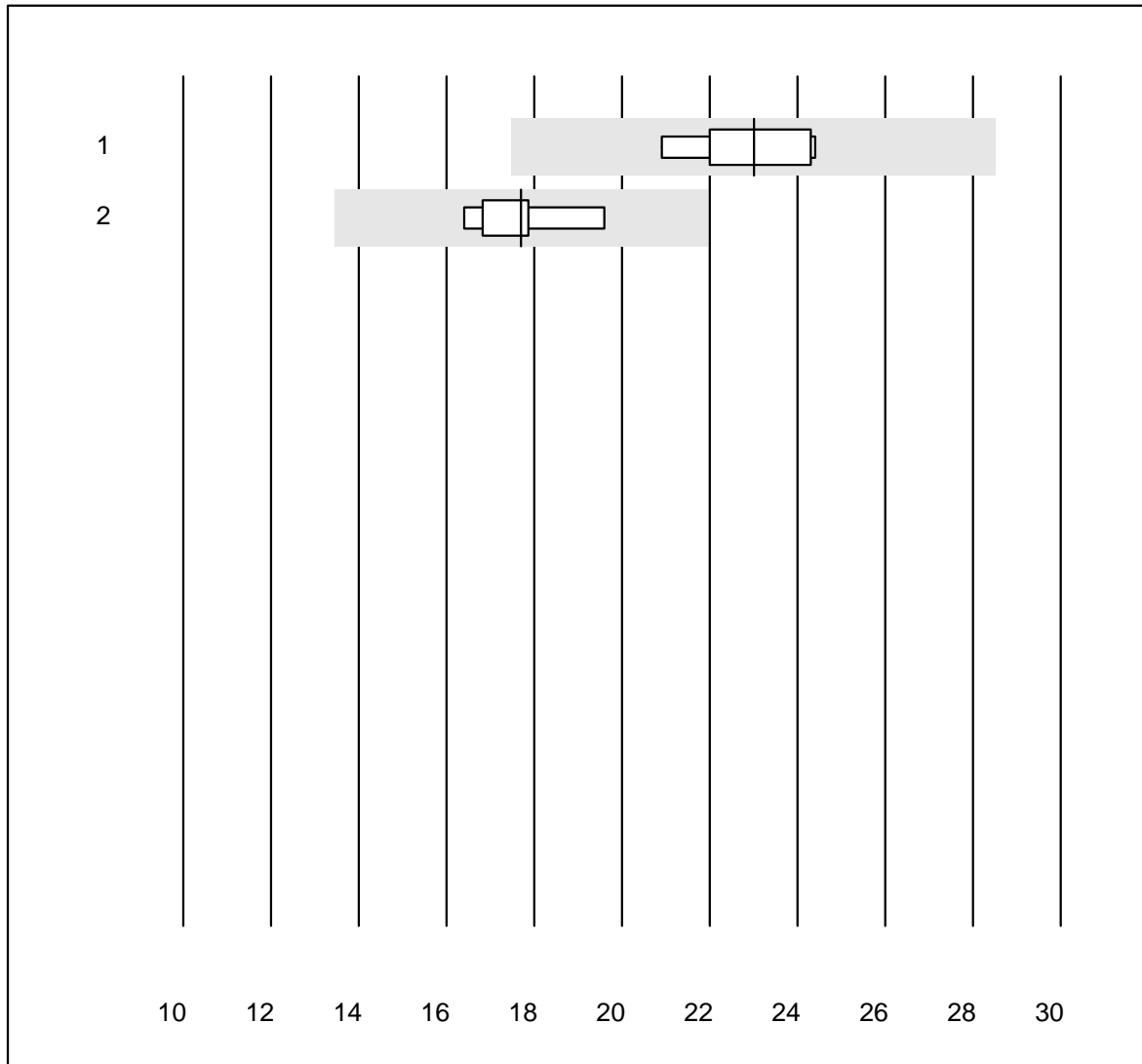


MQ tolerance : 30 %

DHEAS (µmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	5	100.0	0.0	0.0	6.80	4.8	e

## Luteinizing hormone

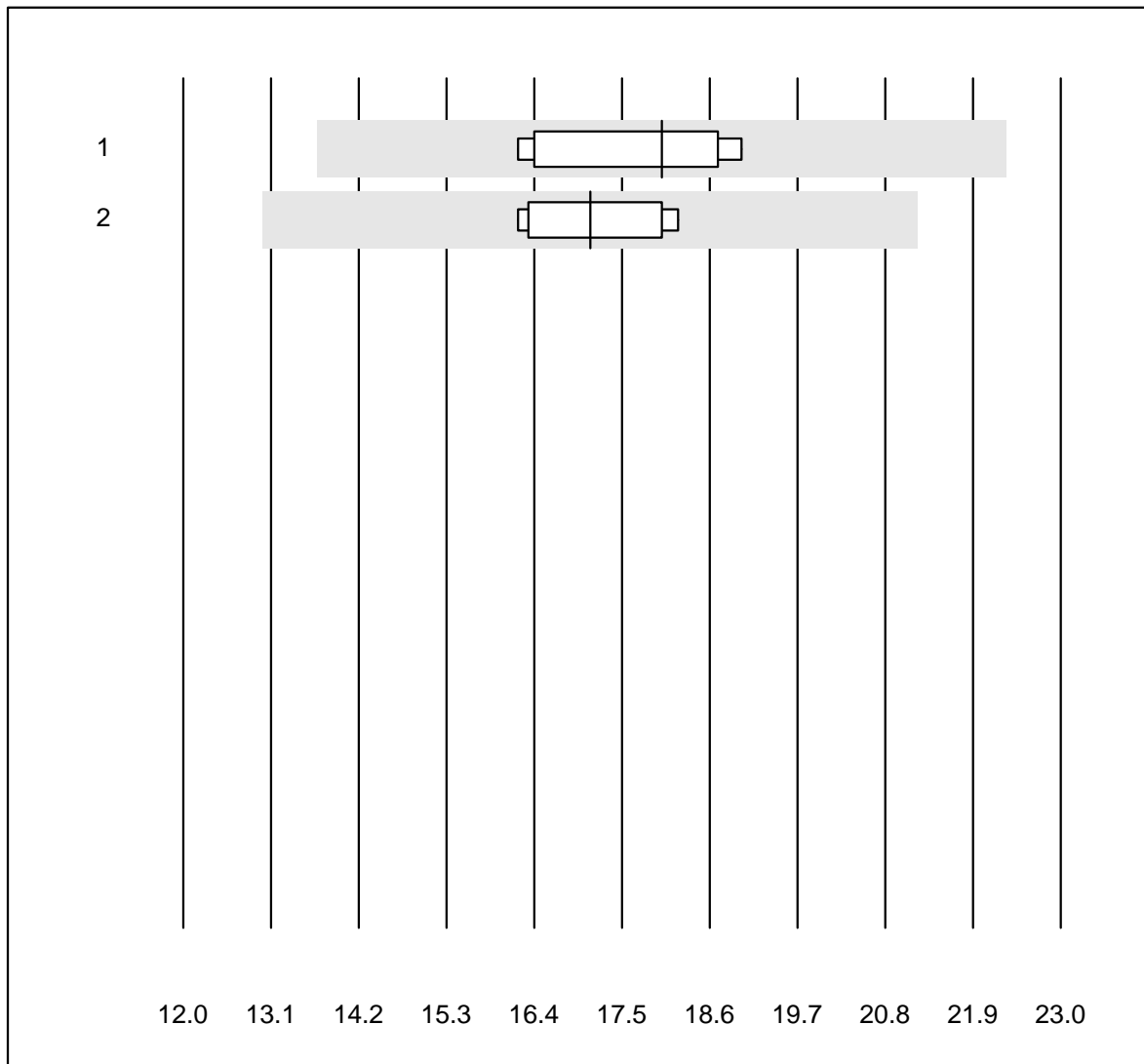


QUALAB Toleranz : 24 %

Luteinizing hormone (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	7	100.0	0.0	0.0	23.0	5.7	e
2	Architect	5	100.0	0.0	0.0	17.7	7.0	e*

## Follicle-stimulating hormone

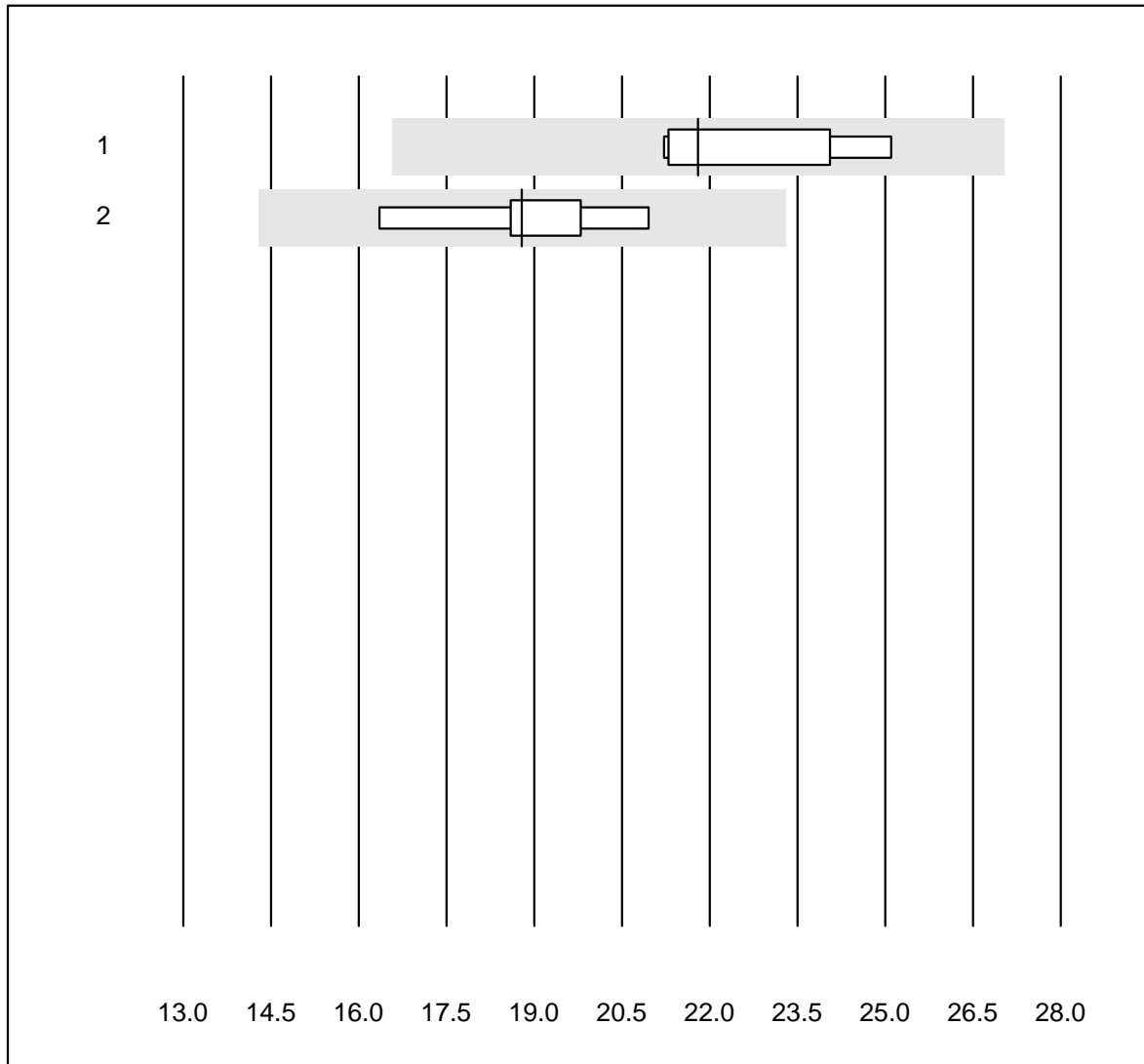


QUALAB Toleranz : 24 %

Follicle-stimulating hormone (U/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Roche, Cobas	7	100.0	0.0	0.0	18.0	6.0	e
2	Architect	6	100.0	0.0	0.0	17.1	5.0	e

# Prolactine

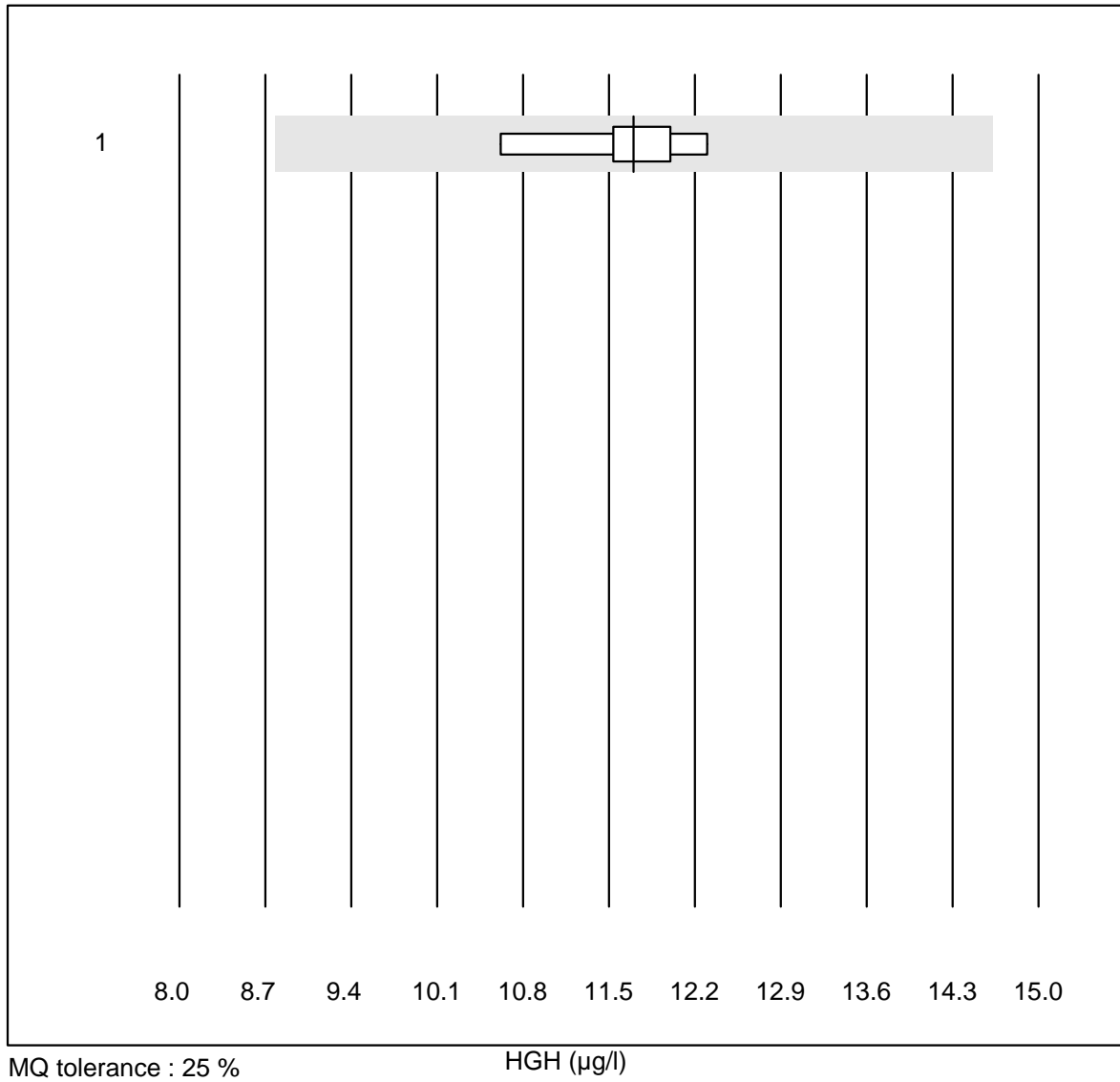


QUALAB Toleranz : 24 %

Prolactine (µg/l)

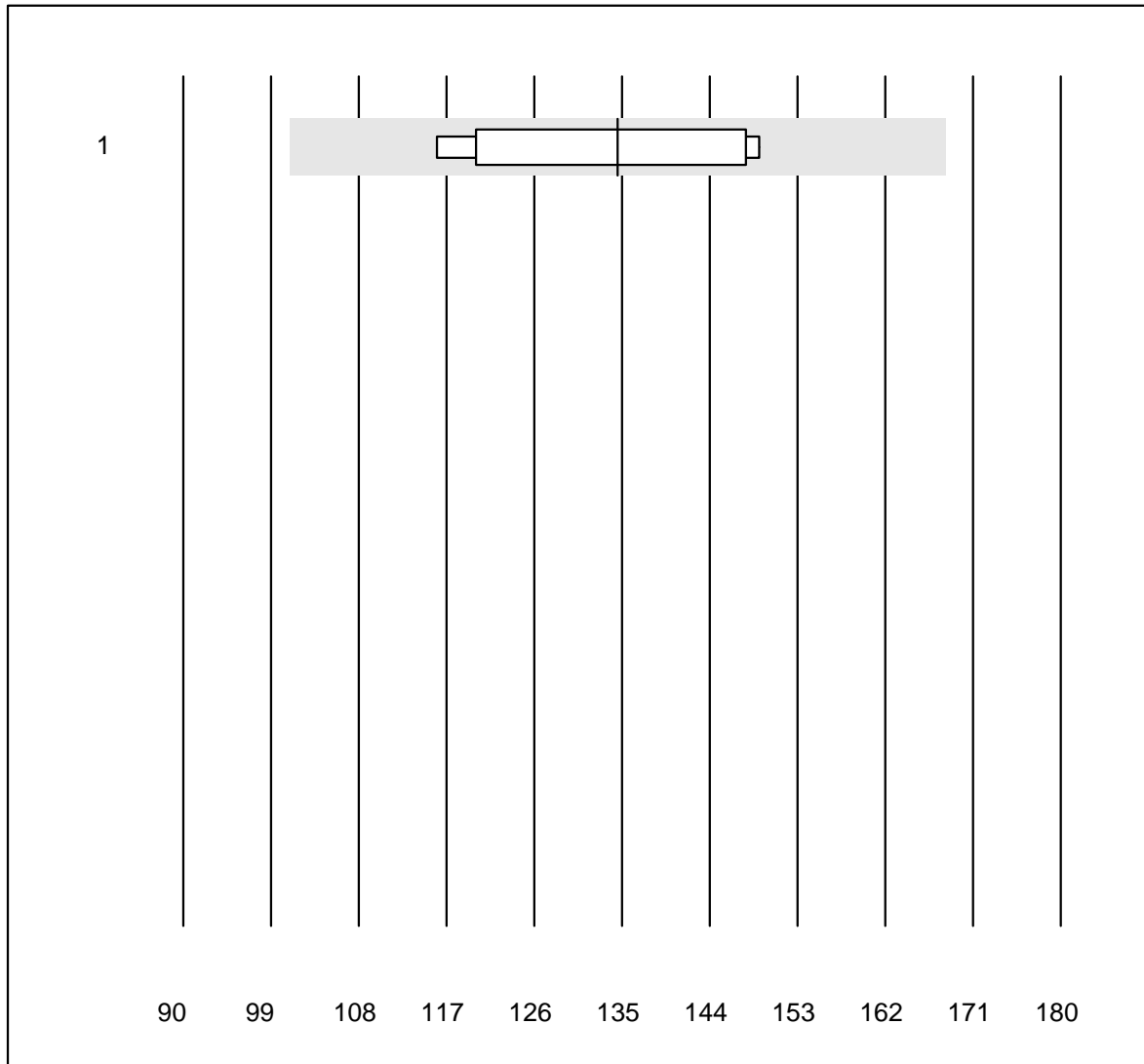
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas/Roche	7	100.0	0.0	0.0	21.8	6.7	e
2	Architect	5	100.0	0.0	0.0	18.8	9.0	e*

# HGH



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	6	100.0	0.0	0.0	11.70	4.9	e

# IGF-1

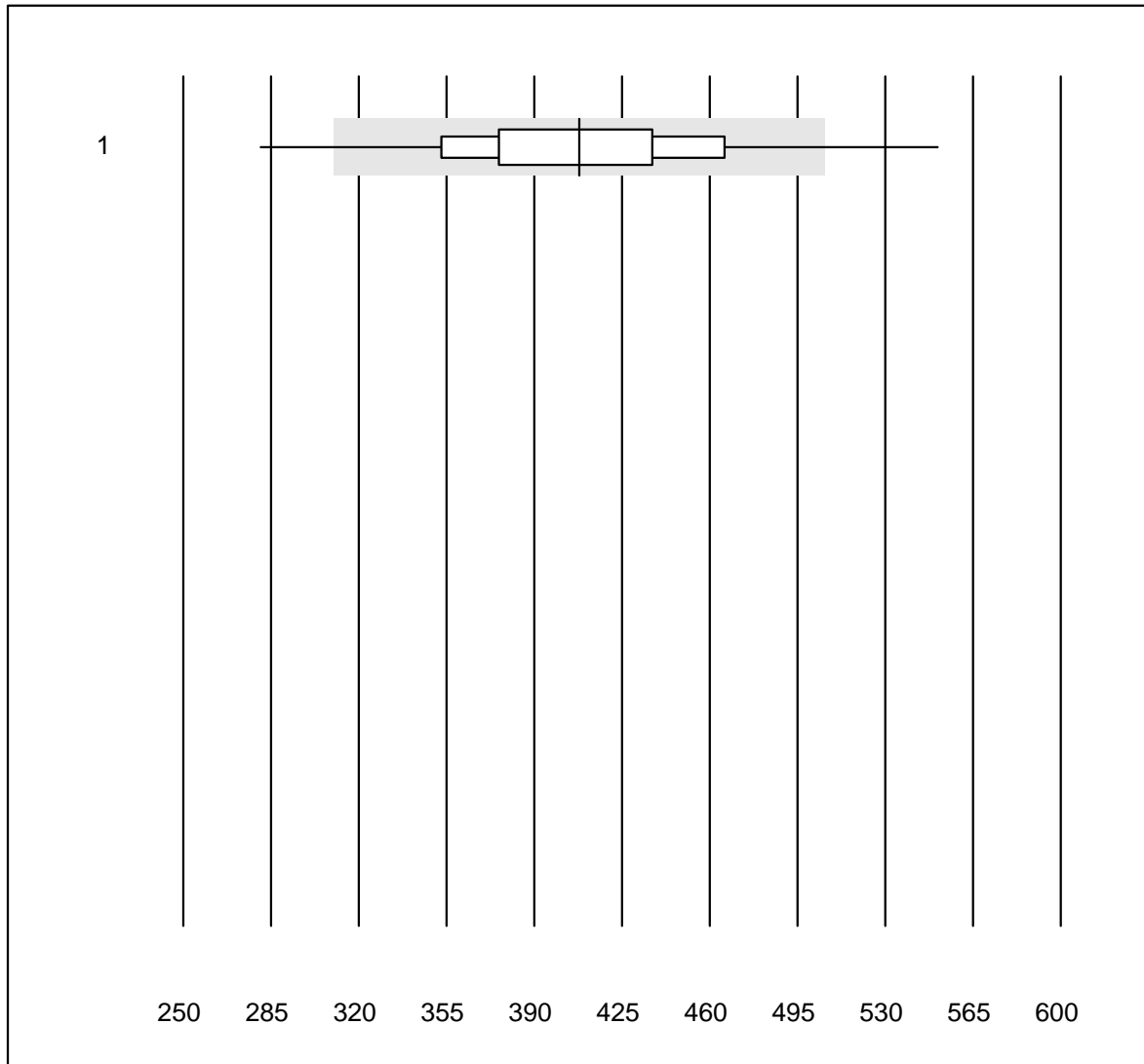


MQ tolerance : 25 %

IGF-1 (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Liaison	6	100.0	0.0	0.0	135	10.4	a

## Troponin T CR



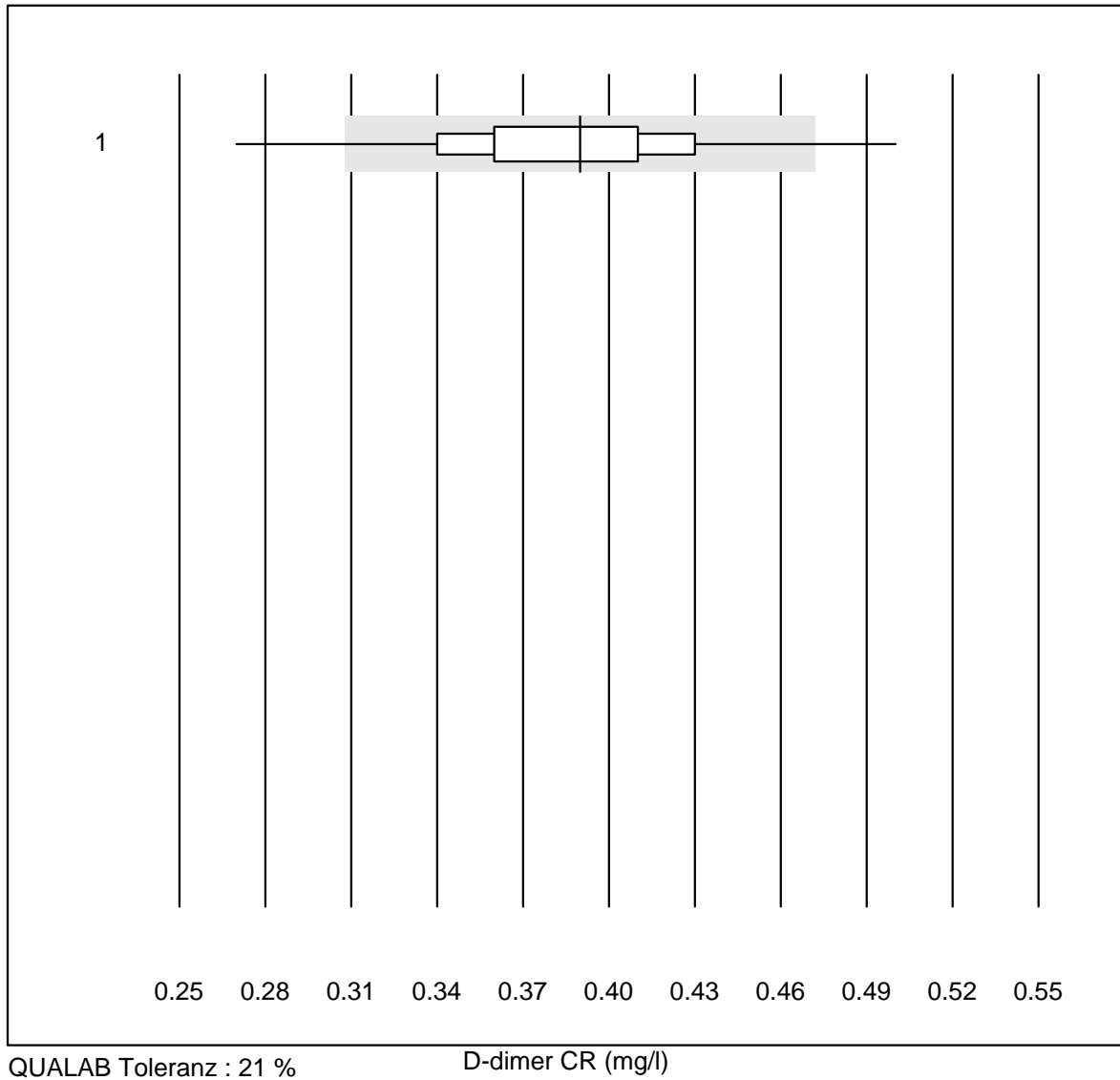
QUALAB Toleranz : 24 %

Troponin T CR (ng/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	1277	97.1	2.5	0.4	407.93	10.8	e

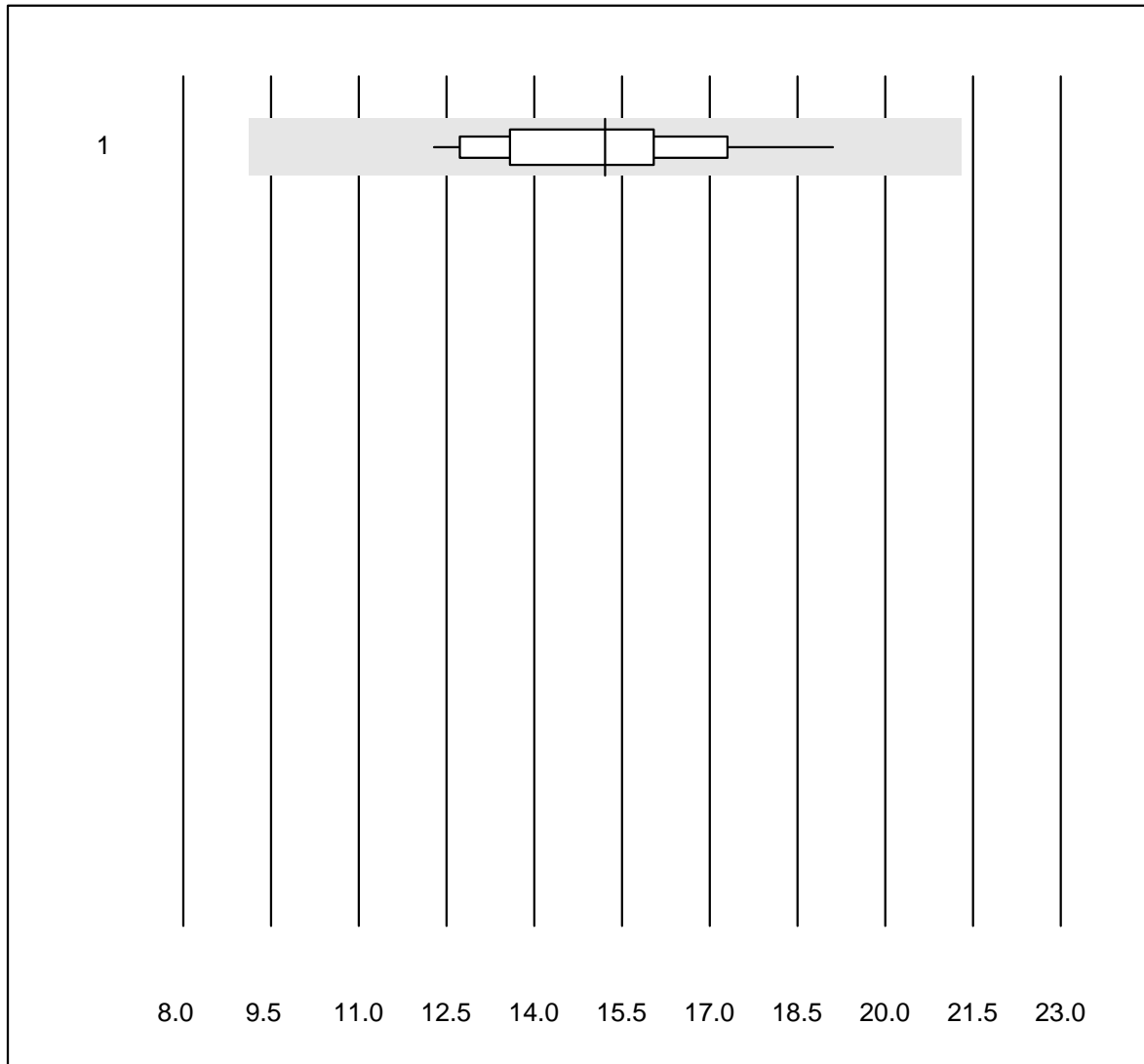


## D-dimer CR



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	1263	96.4	3.1	0.5	0.39	9.4	e

## CKMB- K8

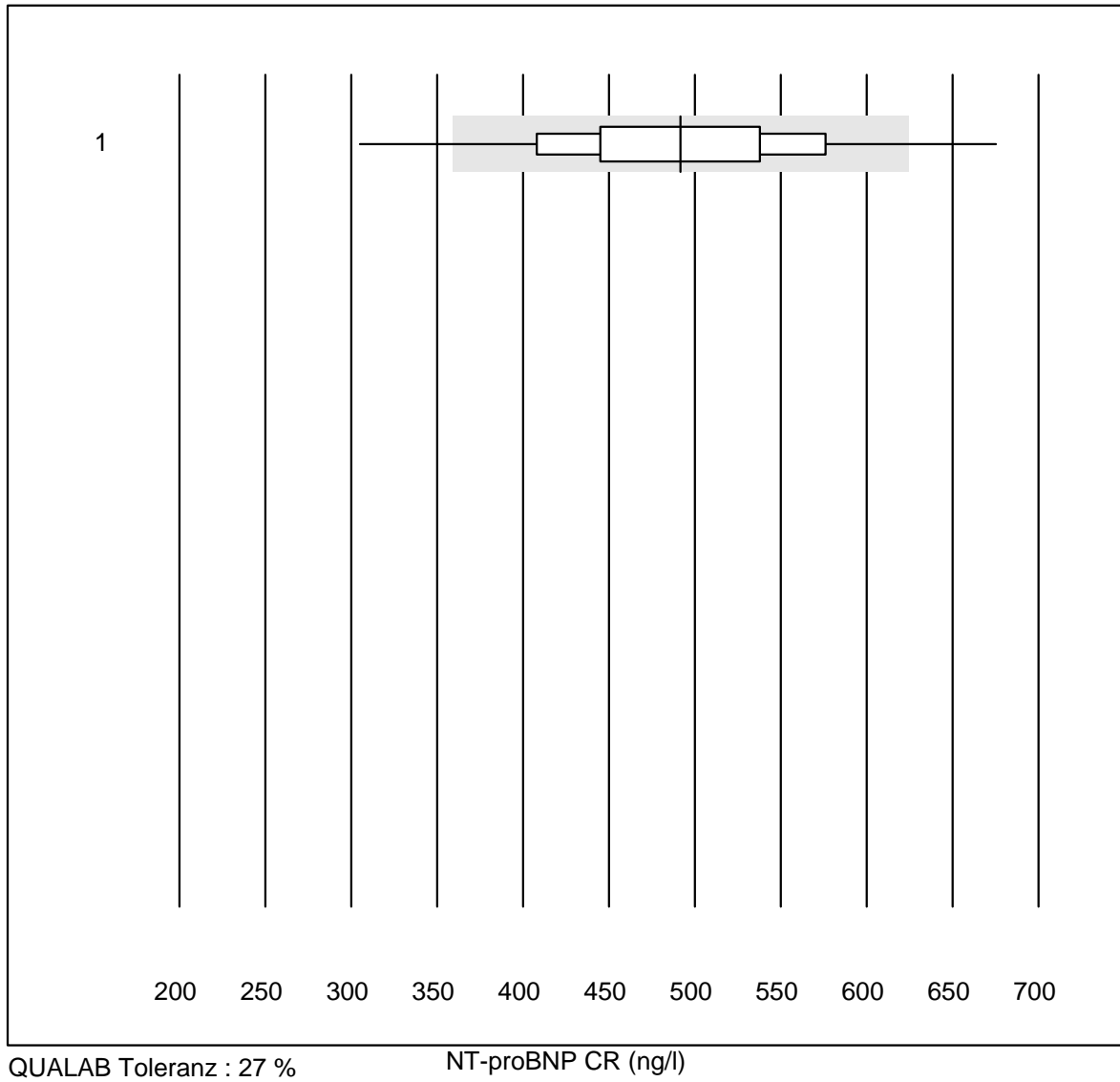


MQ tolerance : 40 %

CKMB- K8 (µg/l)

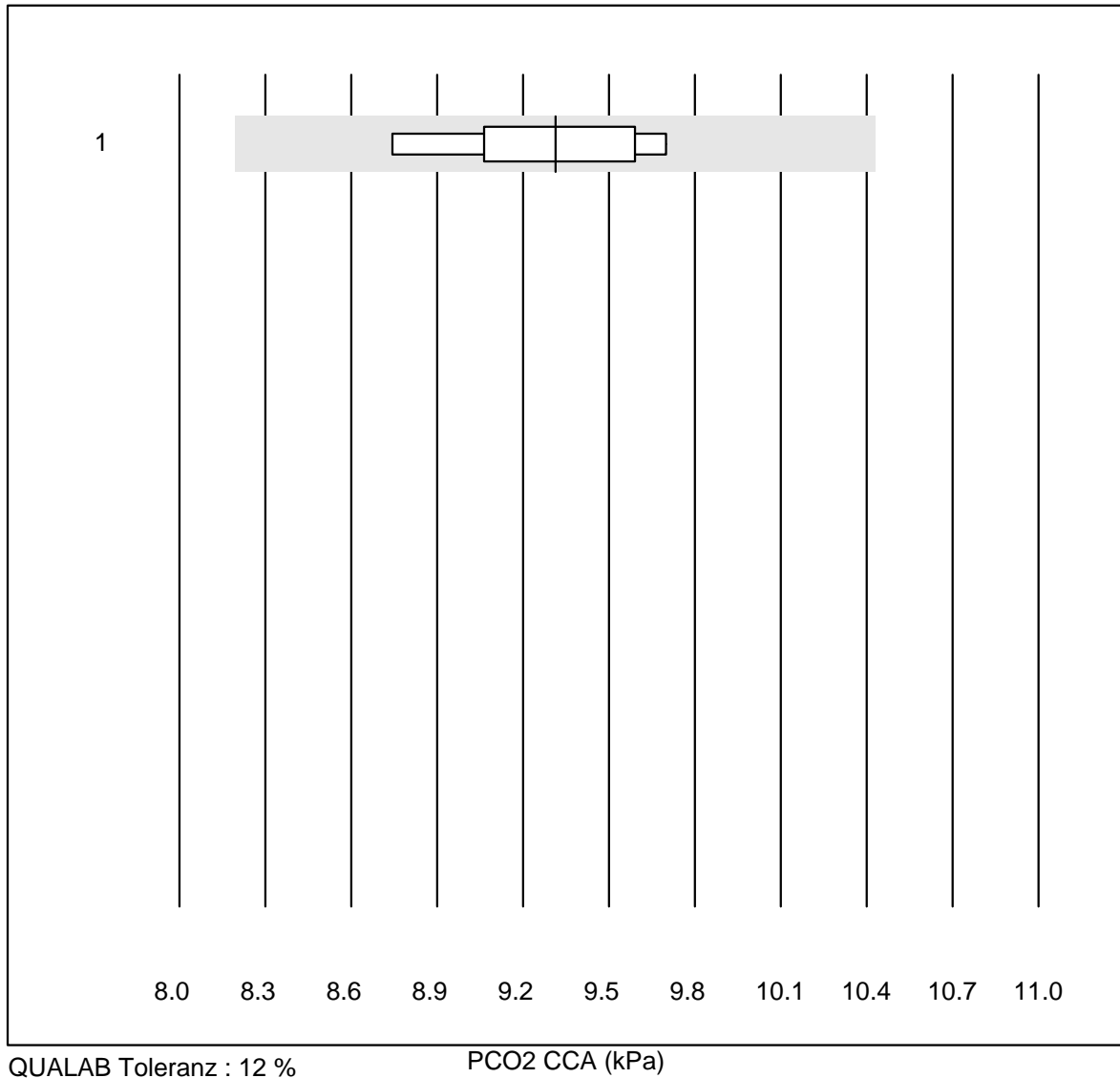
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	13	100.0	0.0	0.0	15.2	12.7	e

## NT-proBNP CR



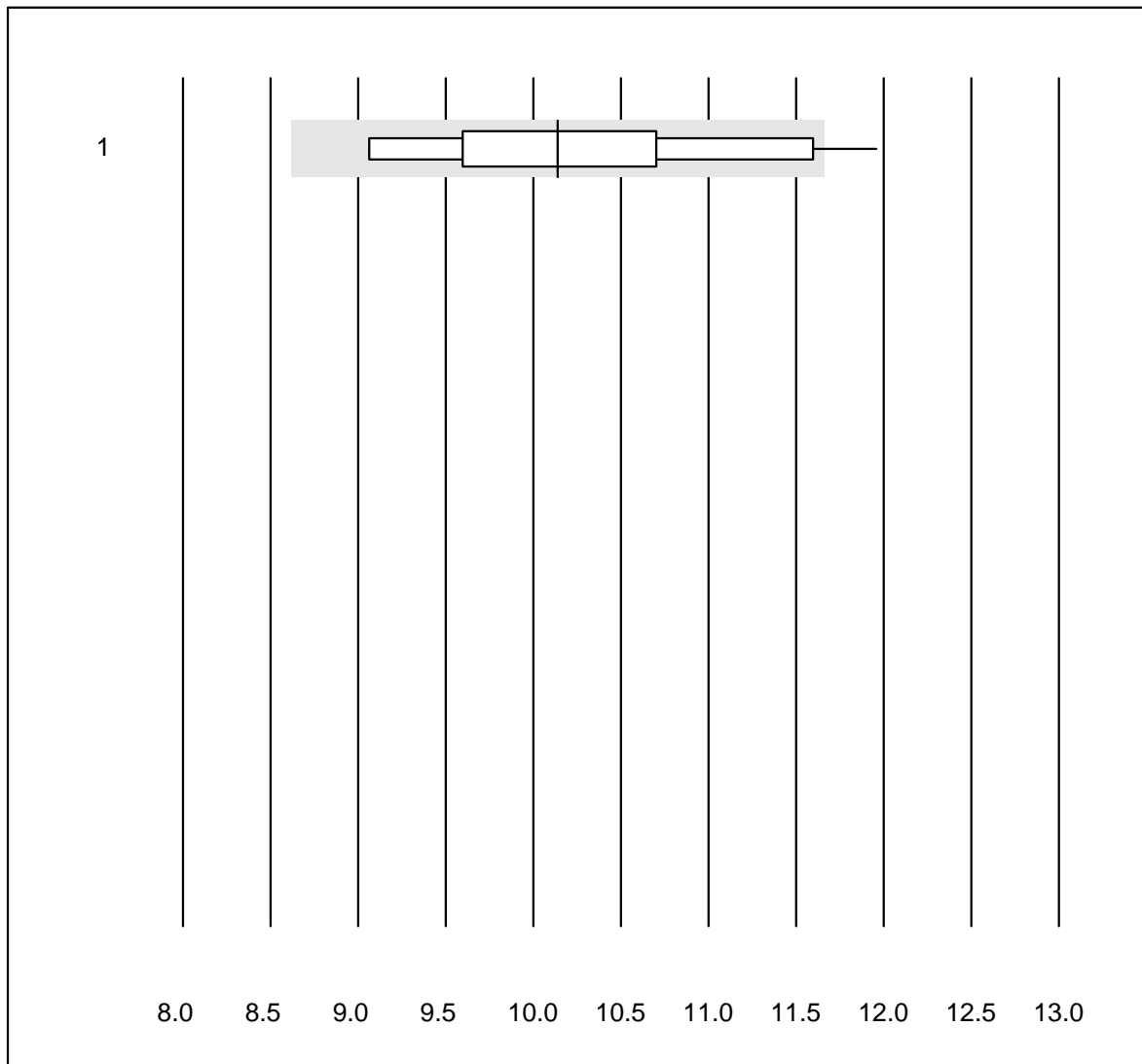
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas h 232	818	96.8	2.6	0.6	492	13.0	e

## PCO2 CCA



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 OPTI CCA	10	100.0	0.0	0.0	9.31	3.6	e

## PO2 CCA

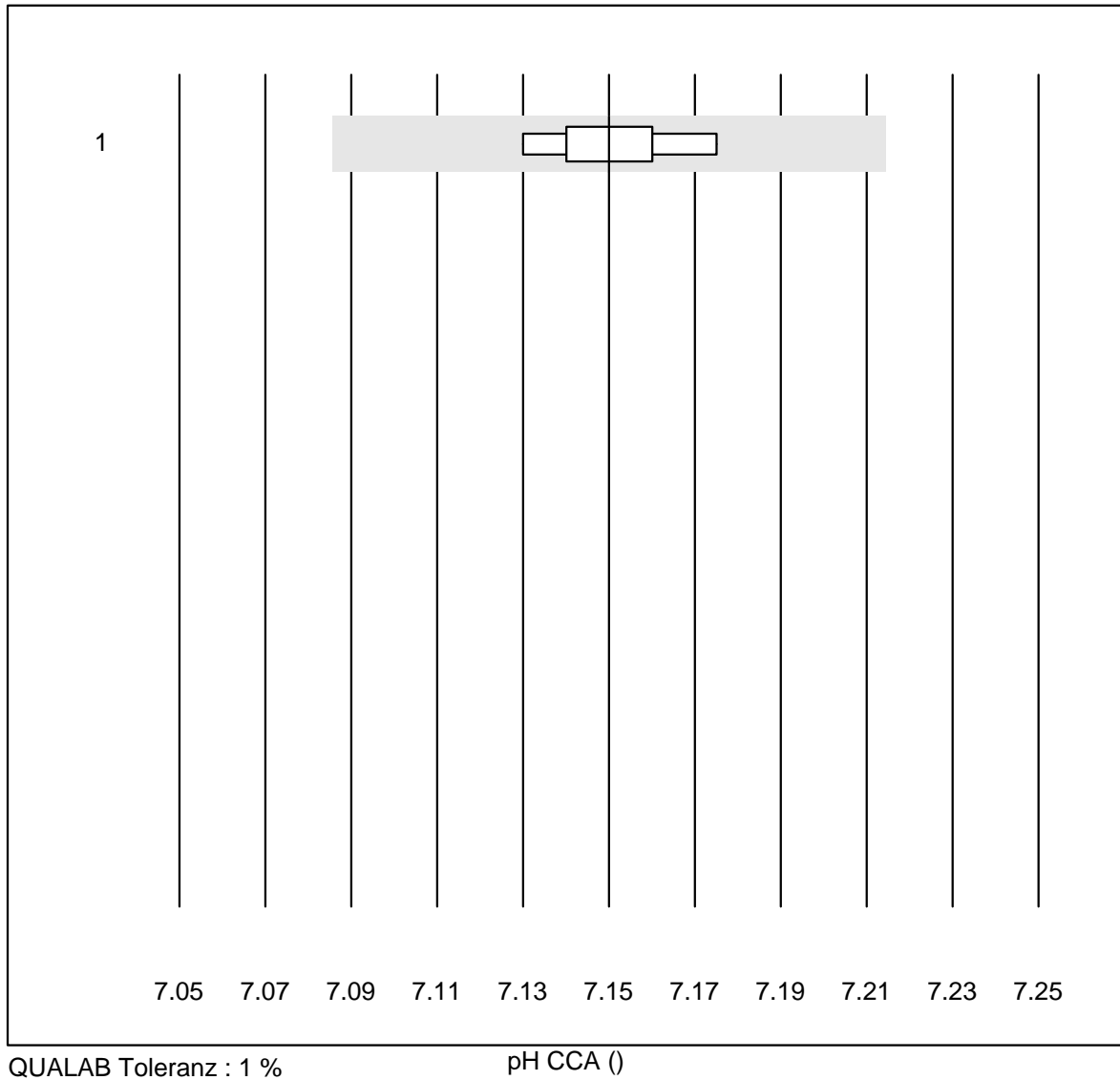


QUALAB Toleranz : 15 %

PO2 CCA (kPa)

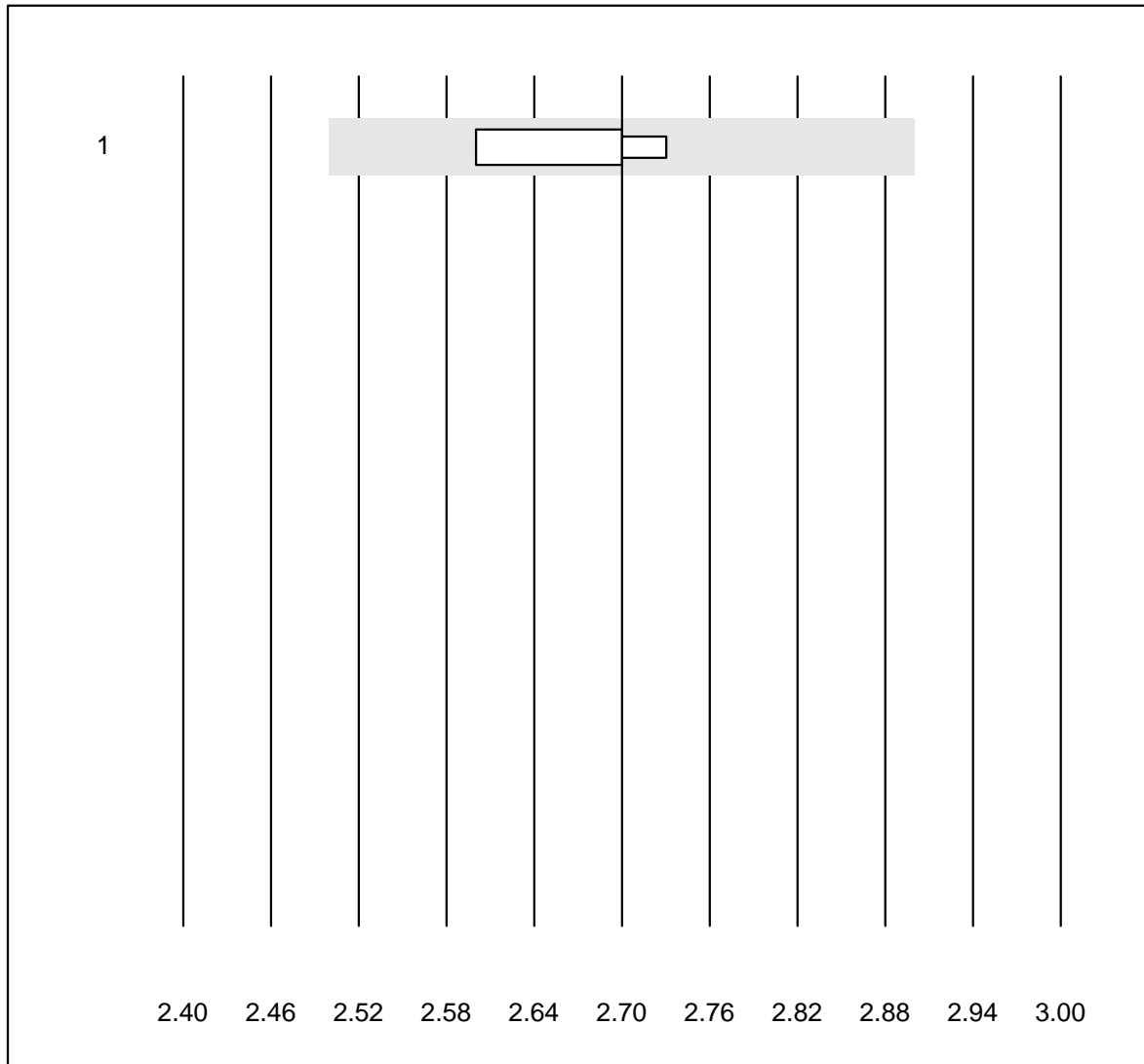
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 OPTI CCA	10	90.0	10.0	0.0	10.14	9.7	e*

# pH CCA



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 OPTI CCA	9	100.0	0.0	0.0	7.15	0.2	e

## Potassium CCA

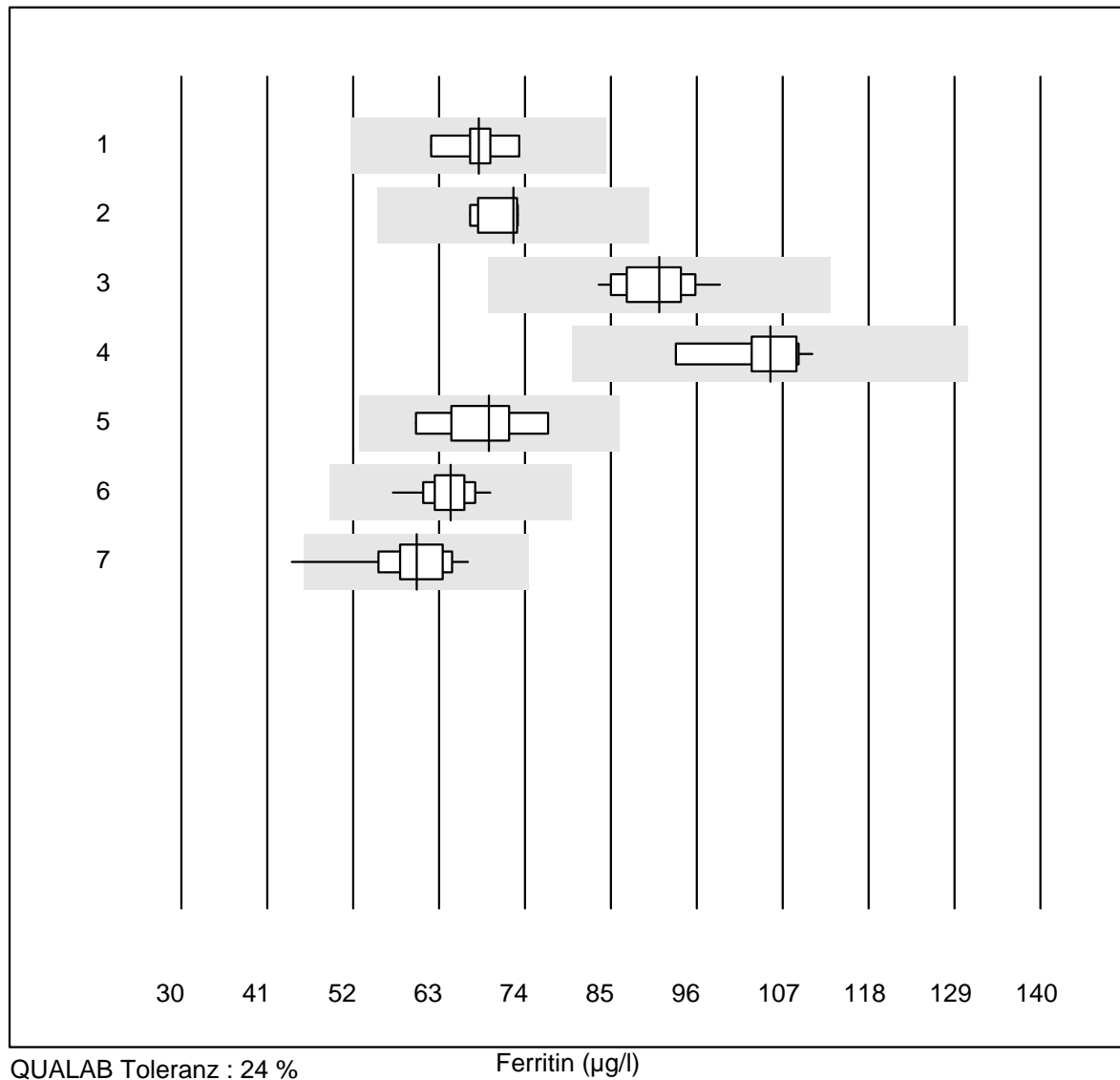


QUALAB Toleranz : 6 %  
( < 3.3: +/- 0.2 mmol/l)

Potassium CCA (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	OPTI CCA	4	100.0	0.0	0.0	2.7	2.1	e*

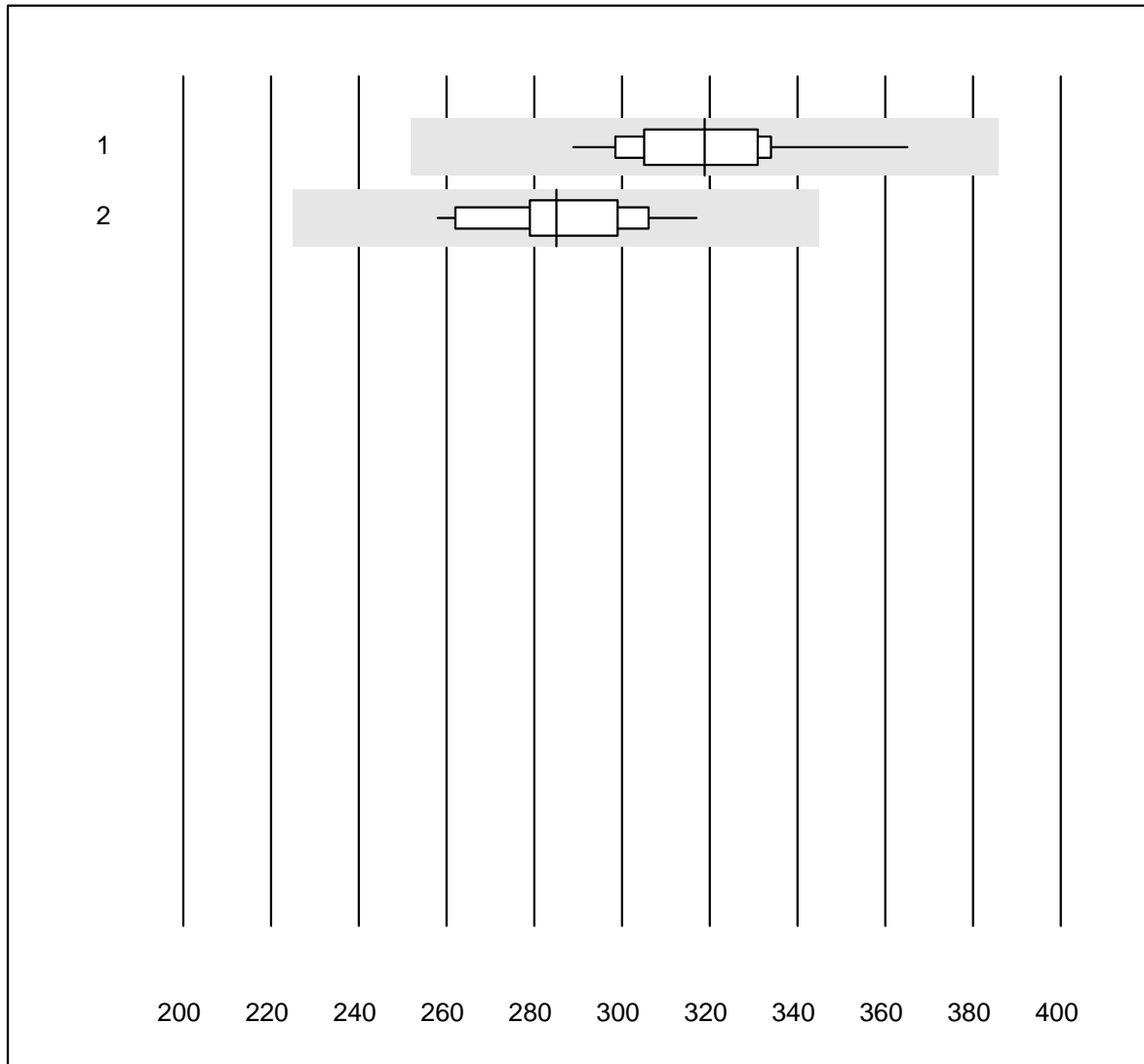
## Ferritin



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Beckman	7	100.0	0.0	0.0	68.10	5.0	e
2	all Participants	6	83.3	0.0	16.7	72.50	4.1	e
3	Cobas E / Elecsys	15	100.0	0.0	0.0	91.23	4.7	e
4	Architect	10	100.0	0.0	0.0	105.43	4.9	e
5	Mini Vidas	9	100.0	0.0	0.0	69.41	8.7	e*
6	AFIAS	47	100.0	0.0	0.0	64.50	3.9	e
7	Eurolyser	20	90.0	5.0	5.0	60.12	8.1	e



## Vitamin B12

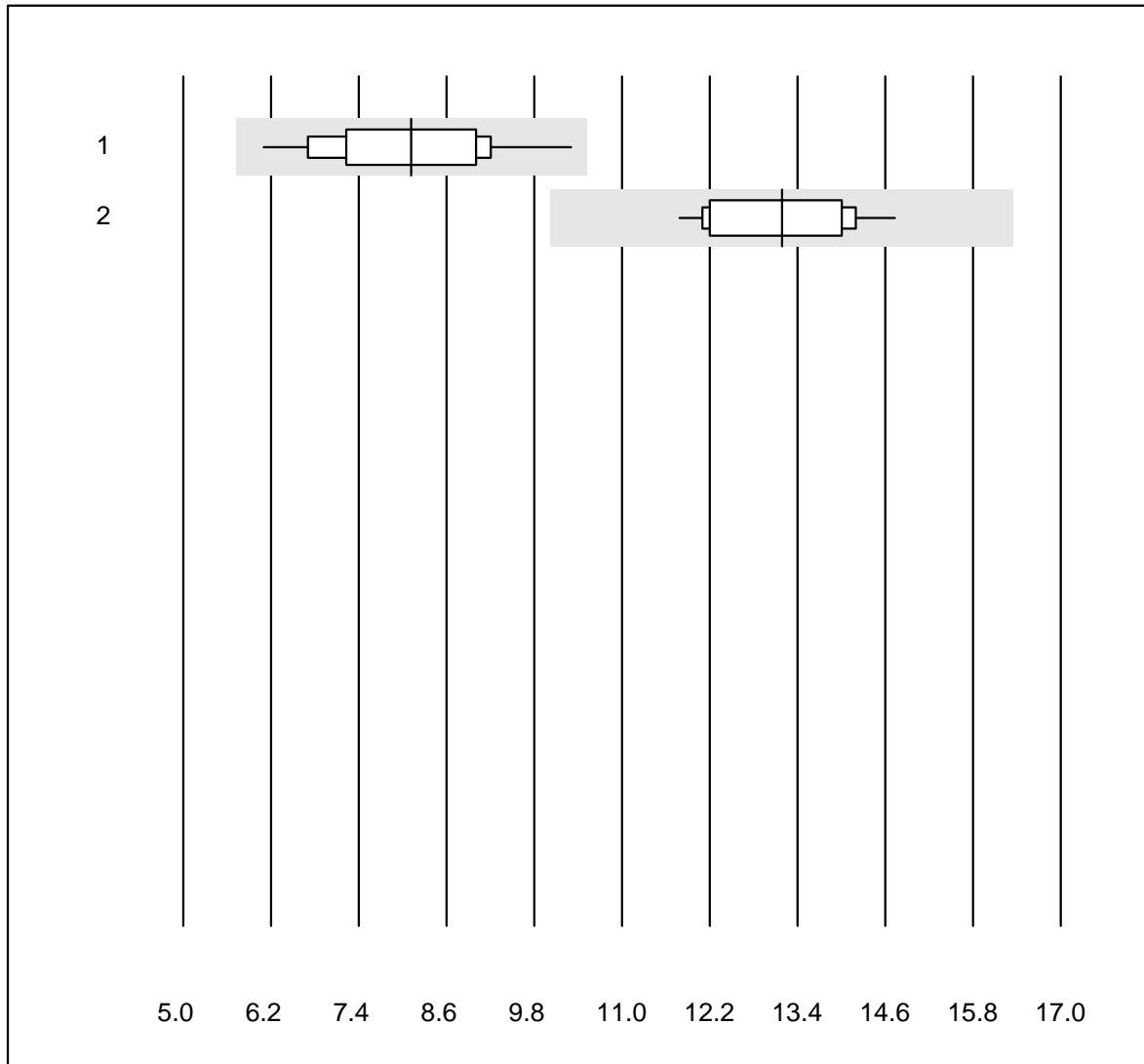


QUALAB Toleranz : 21 %

Vitamin B12 (pmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas E / Elecsys	13	100.0	0.0	0.0	318.87	6.1	e
2 Architect	13	100.0	0.0	0.0	284.97	6.0	e

# Folate

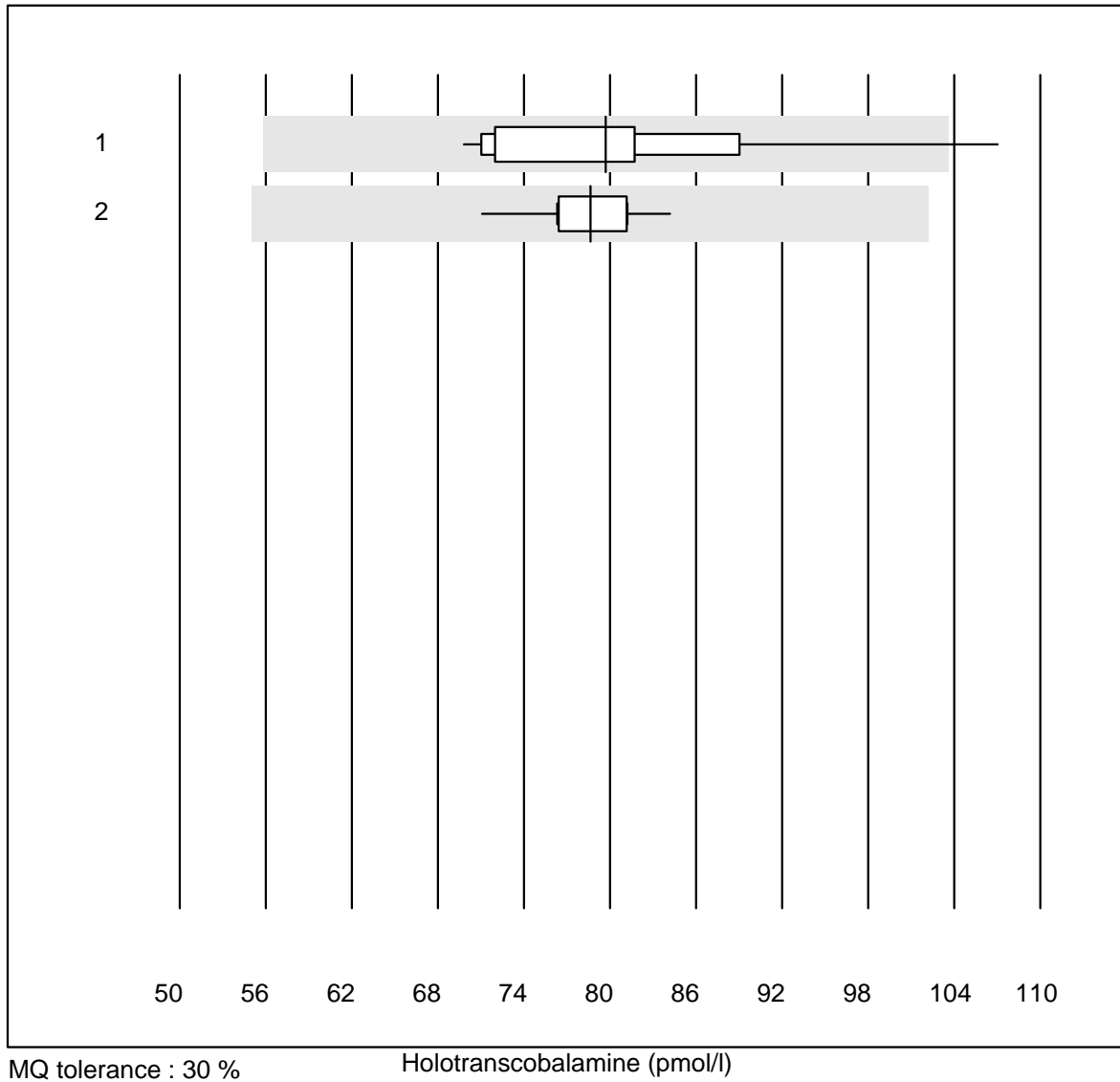


QUALAB Toleranz : 24 %  
 (< 10.00: +/- 2.40 nmol/l)

Folate (nmol/l)

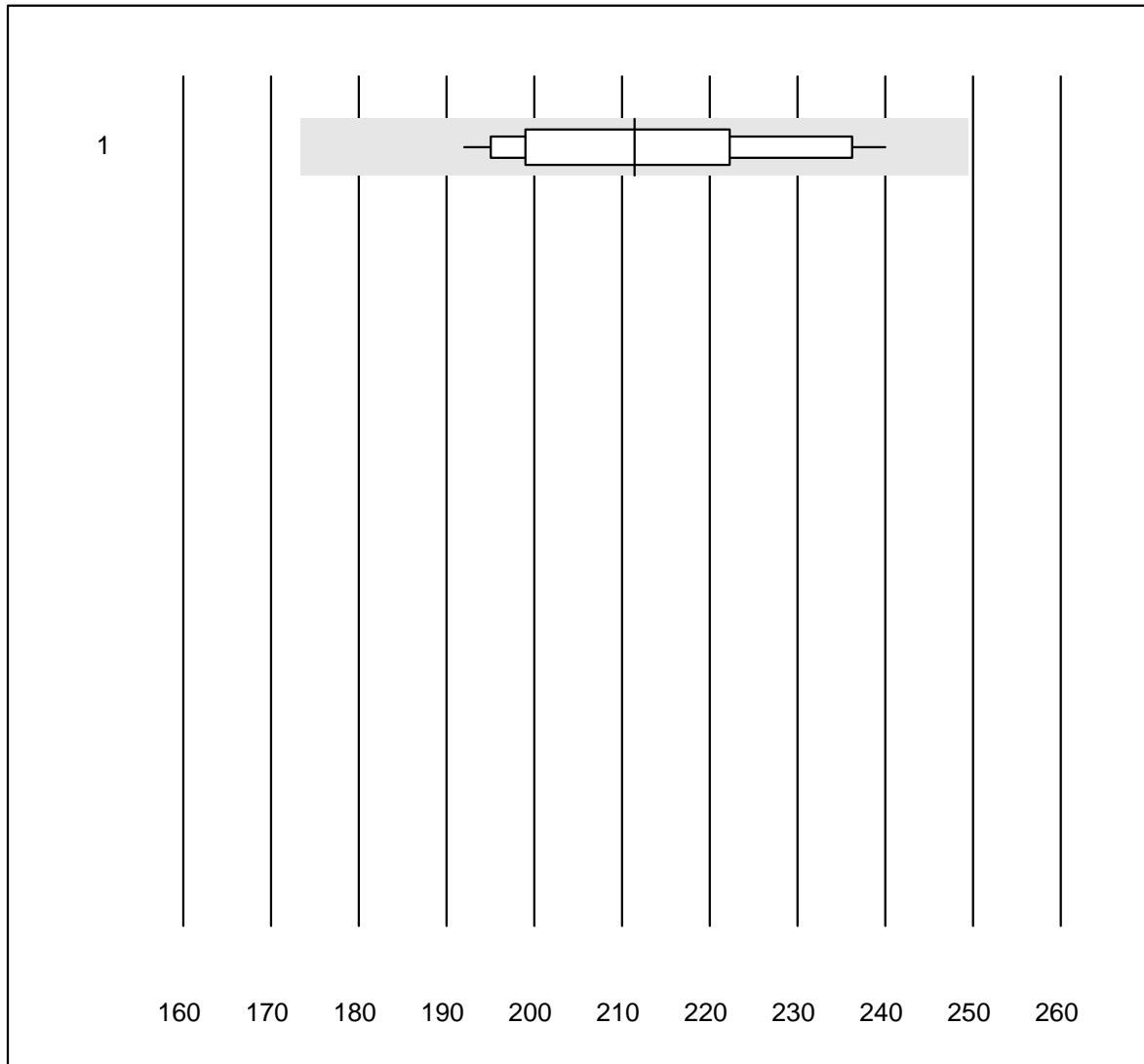
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	14	100.0	0.0	0.0	8.12	14.7	e*
2	Architect	11	100.0	0.0	0.0	13.19	7.2	e

## Holotranscobalamine



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	13	76.9	7.7	15.4	79.7	13.4	e*
2	all Participants	13	84.6	0.0	15.4	78.7	4.3	e

## Bilirubin total Neo

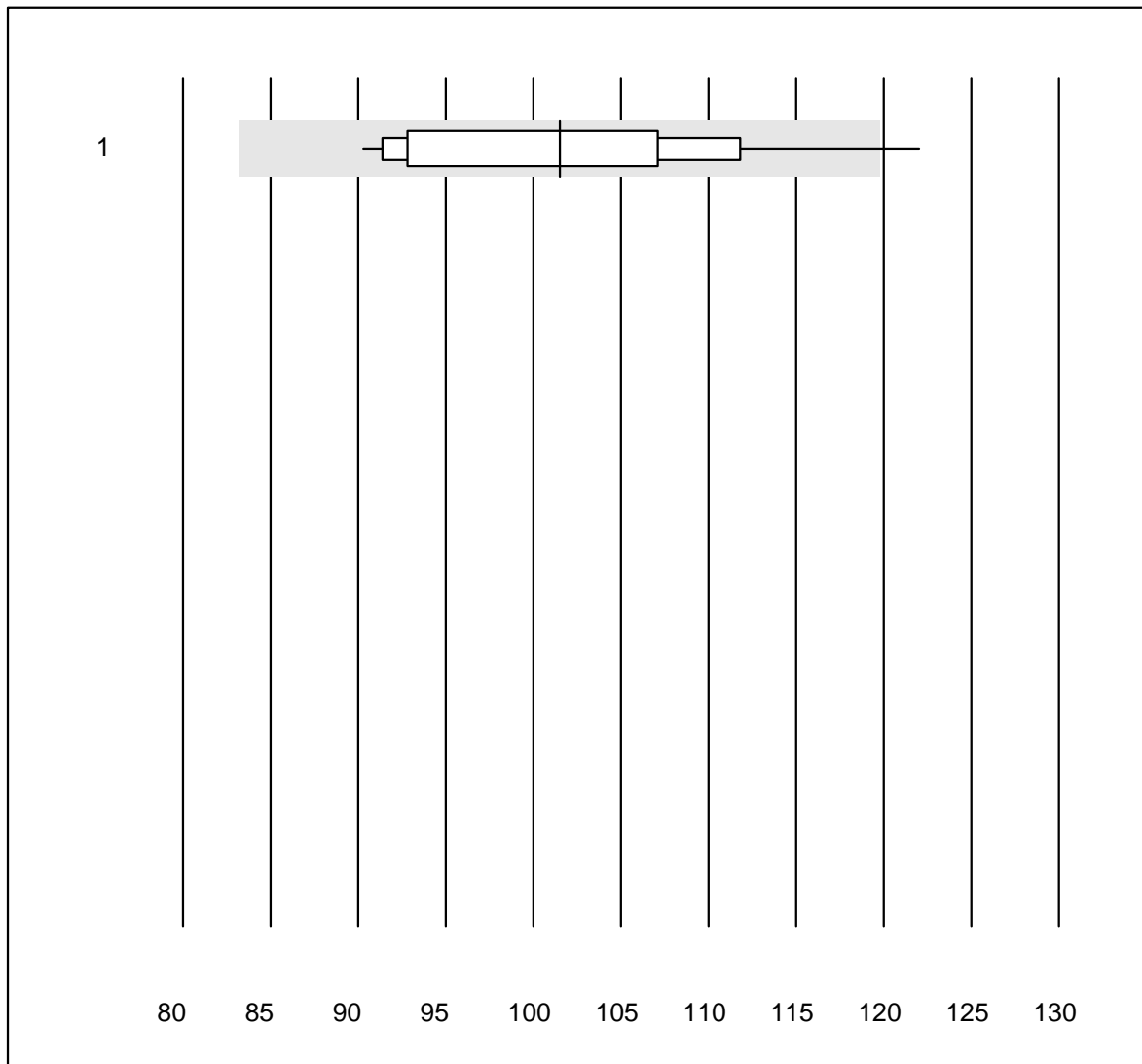


QUALAB Toleranz : 18 %

Bilirubin total Neo (µmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	17	100.0	0.0	0.0	211	6.7	e

## Bilirubin direct

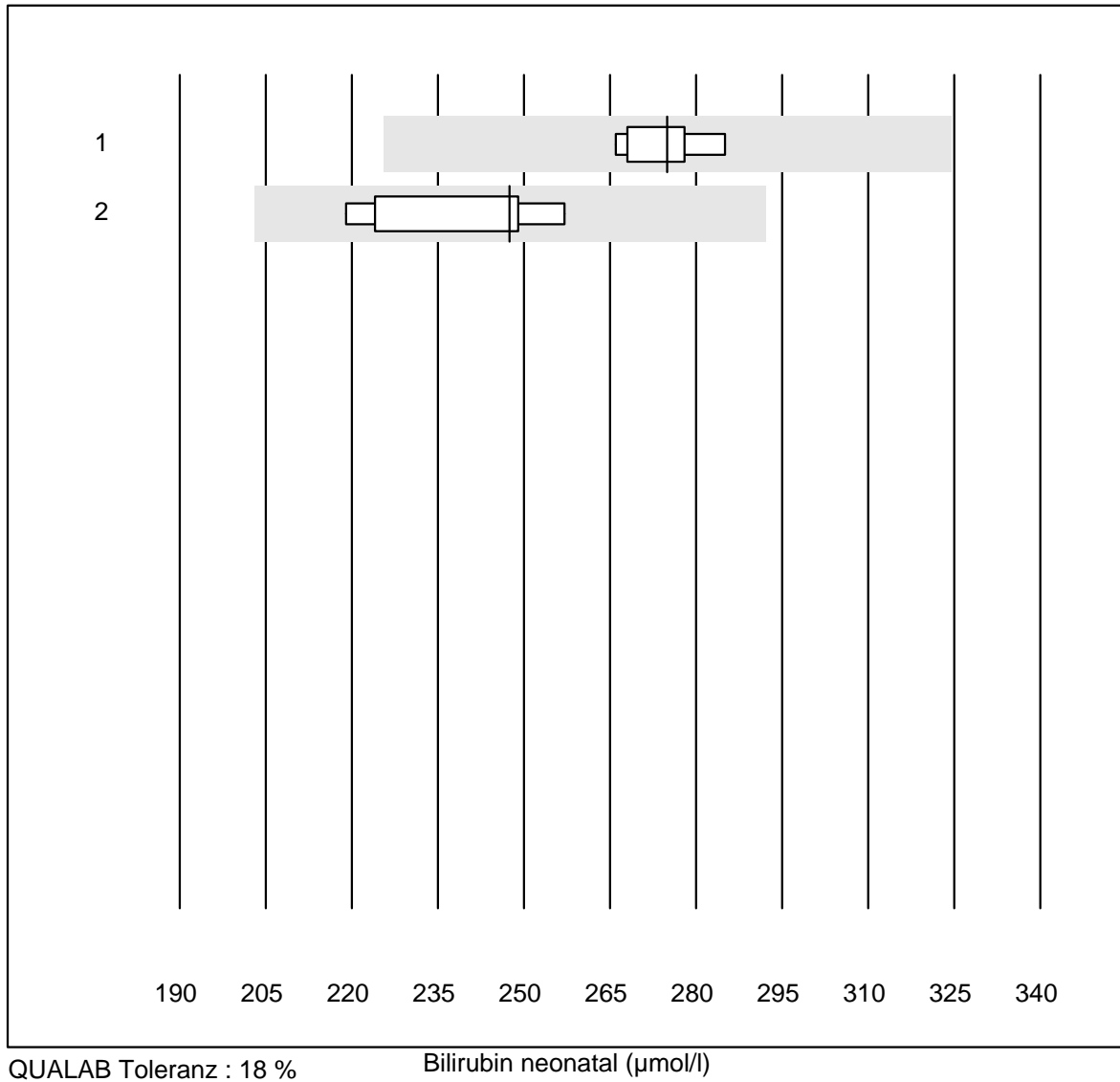


QUALAB Toleranz : 18 %

Bilirubin direct (µmol/l)

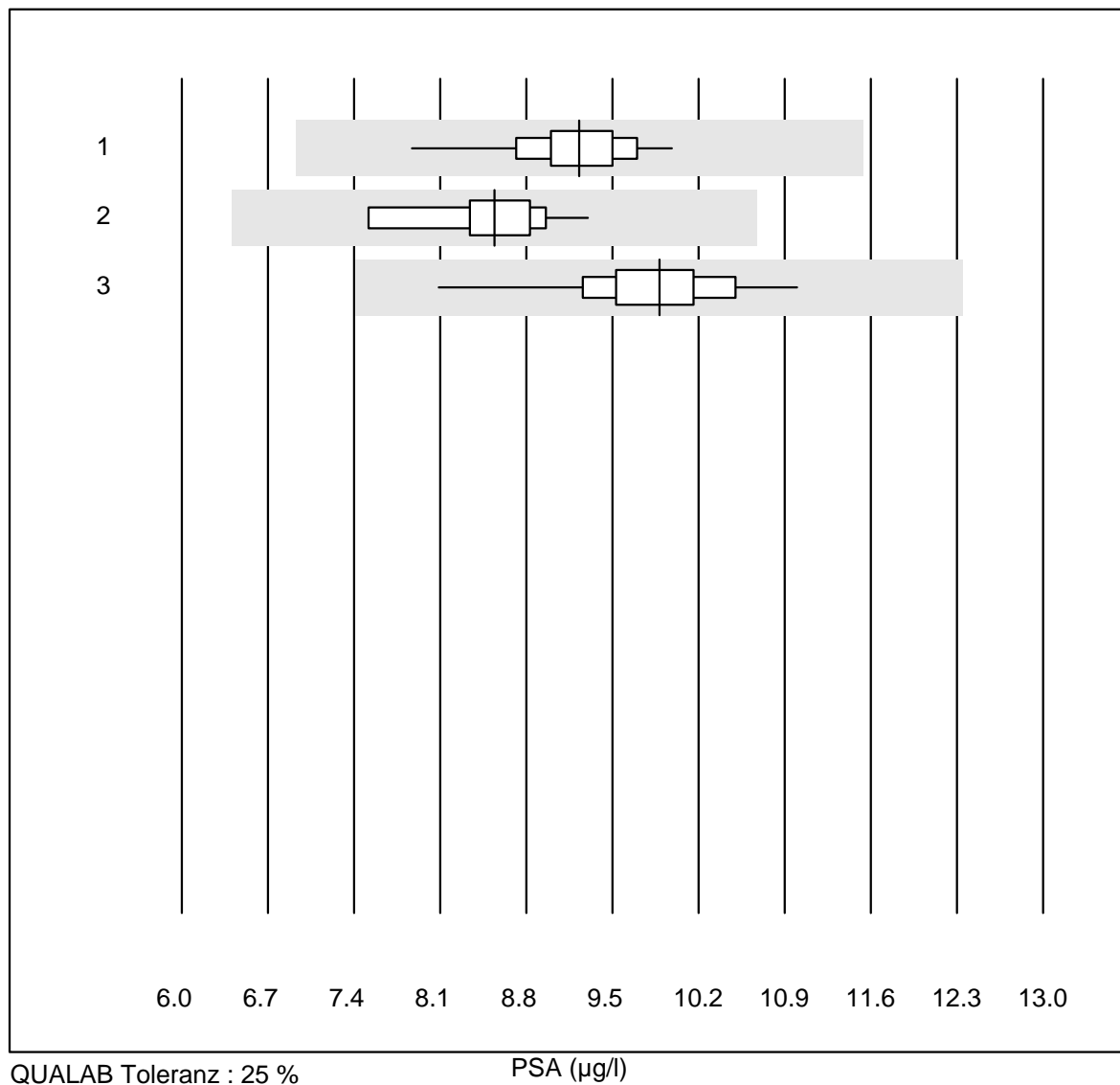
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	16	93.7	6.3	0.0	102	8.5	e

## Bilirubin neonatal



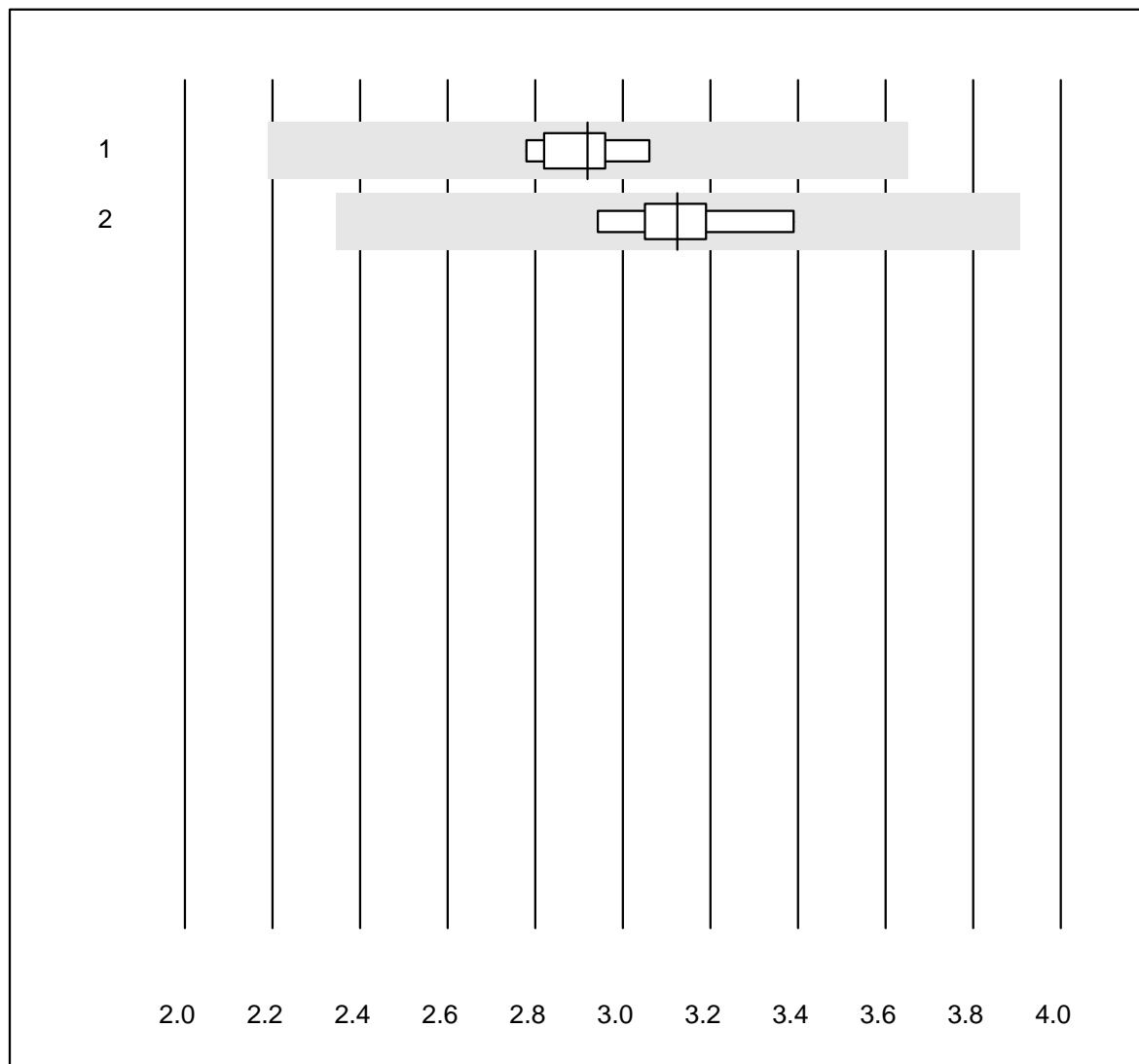
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	9	100.0	0.0	0.0	275	2.5	e
2 ABL700/800	8	100.0	0.0	0.0	248	6.1	e

## PSA



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas E / Elecsys	13	100.0	0.0	0.0	9.23	5.9	e
2 Architect	10	100.0	0.0	0.0	8.54	5.5	e
3 AFIAS	31	100.0	0.0	0.0	9.88	5.6	e

### free PSA



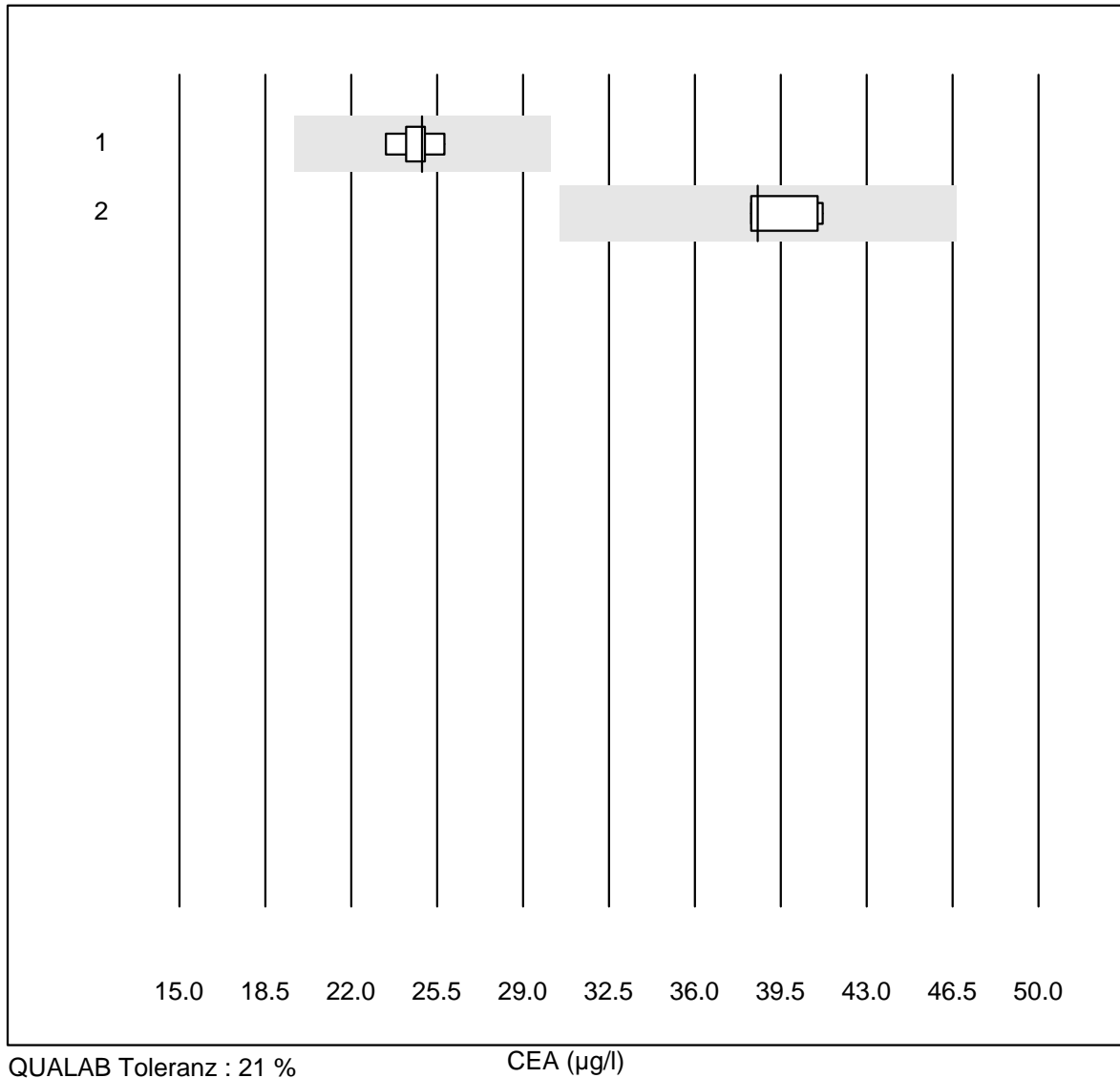
QUALAB Toleranz : 25 %

free PSA (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	7	100.0	0.0	0.0	2.92	3.2	e
2	Architect	8	100.0	0.0	0.0	3.13	4.3	e



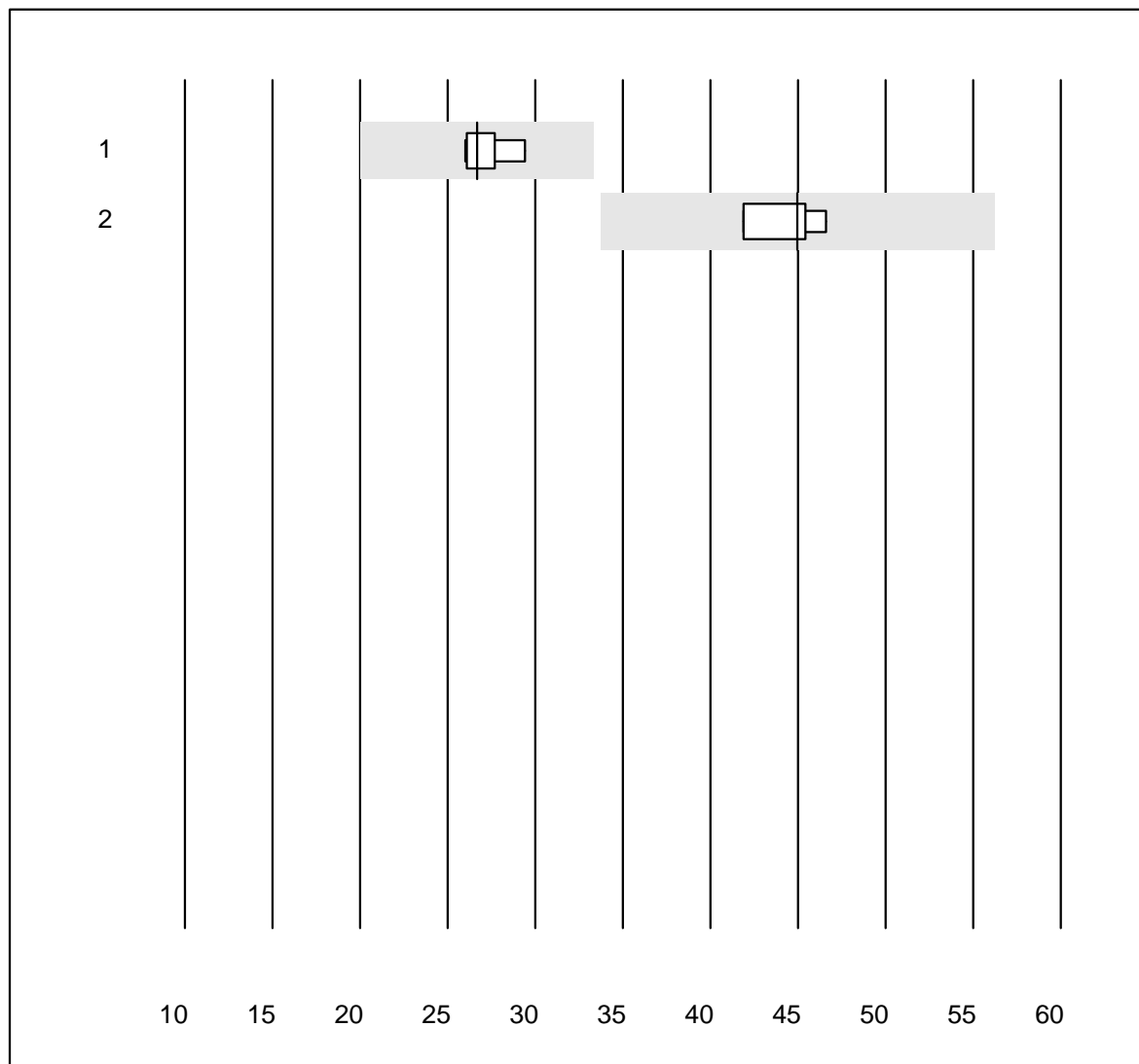
# CEA



QUALAB Toleranz : 21 %

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas E / Elecsys	9	100.0	0.0	0.0	24.9	3.1	e
2 Architect	7	85.7	0.0	14.3	38.6	3.5	e

## CA 125

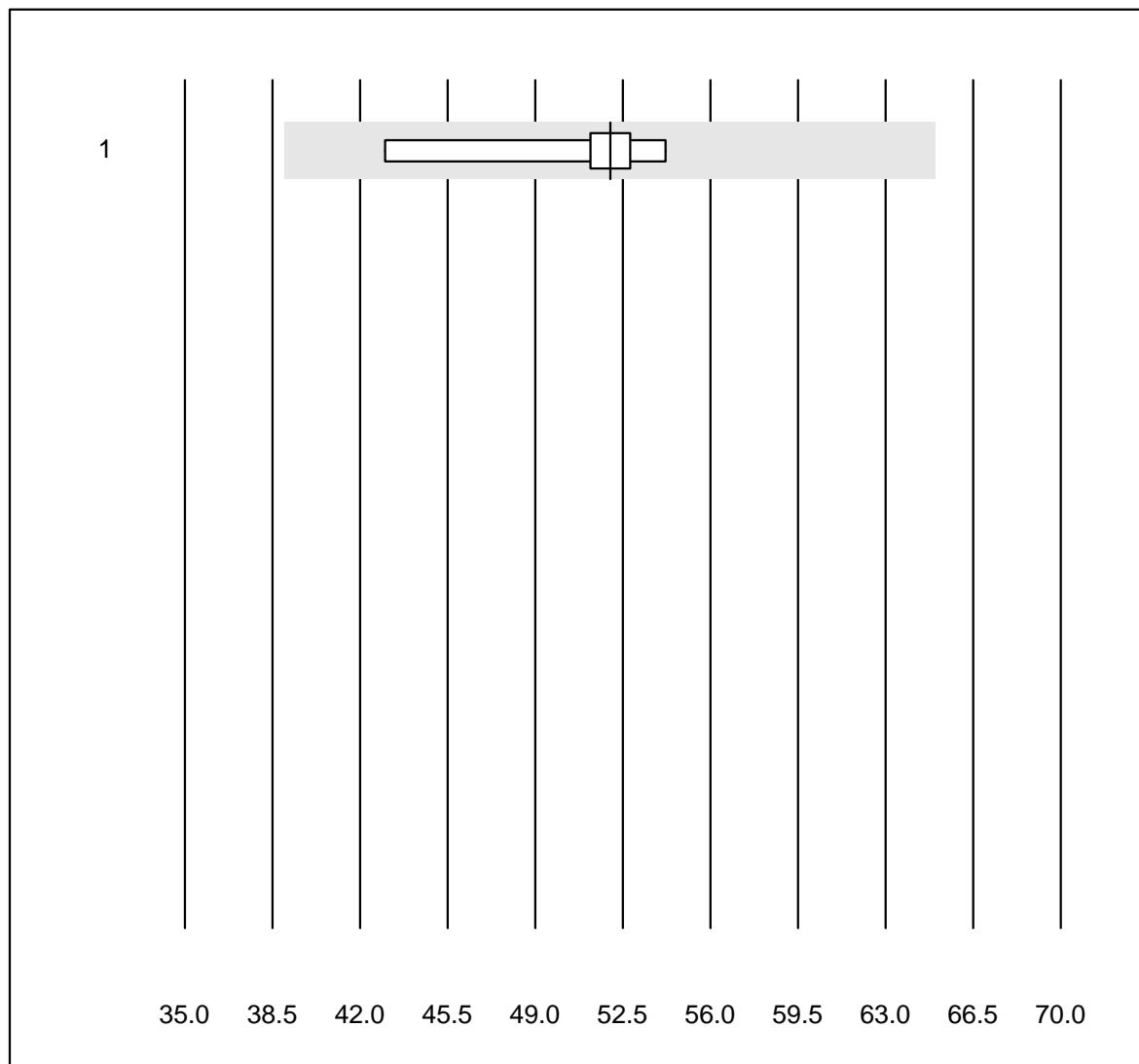


MQ tolerance : 25 %

CA 125 (kIU/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	26.7	5.2	e
2	Architect	4	100.0	0.0	0.0	45.0	4.5	e

# CA 19-9

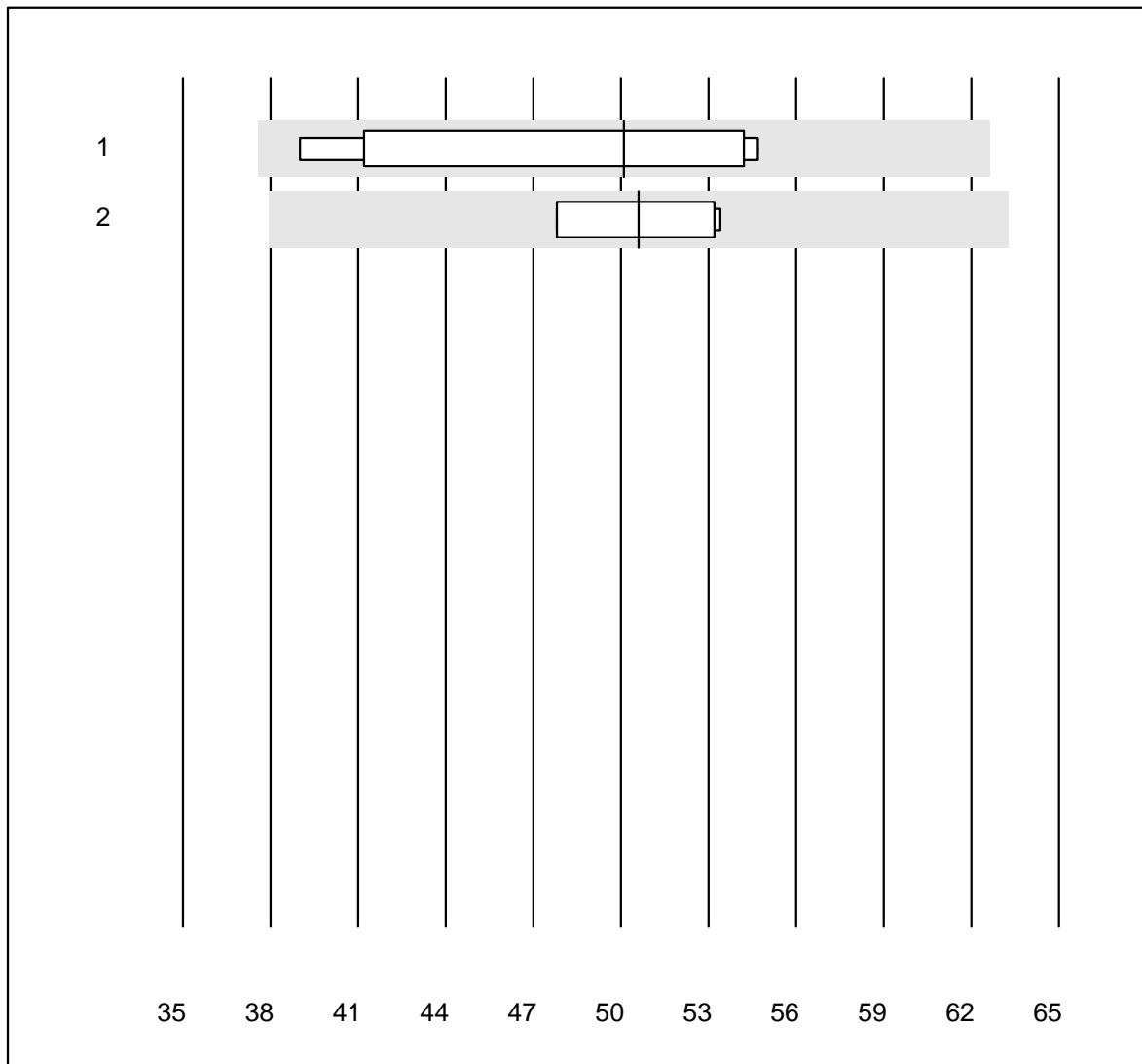


MQ tolerance : 25 %

CA 19-9 (kIU/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	52.0	8.7	e*

## CA 15-3

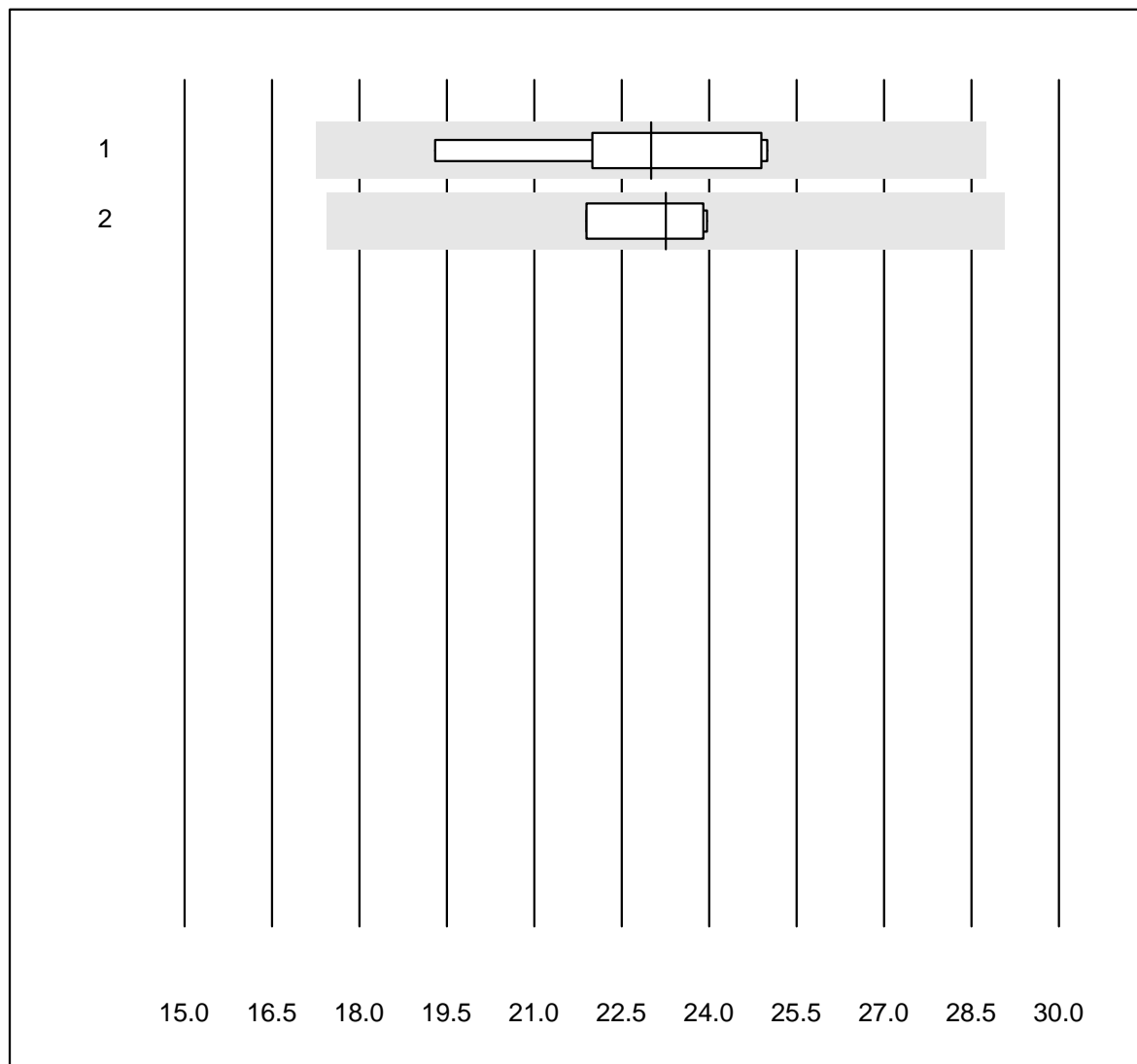


MQ tolerance : 25 %

CA 15-3 (kIU/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	50.1	15.0	a
2	Architect	4	100.0	0.0	0.0	50.6	6.2	e*

# AFP

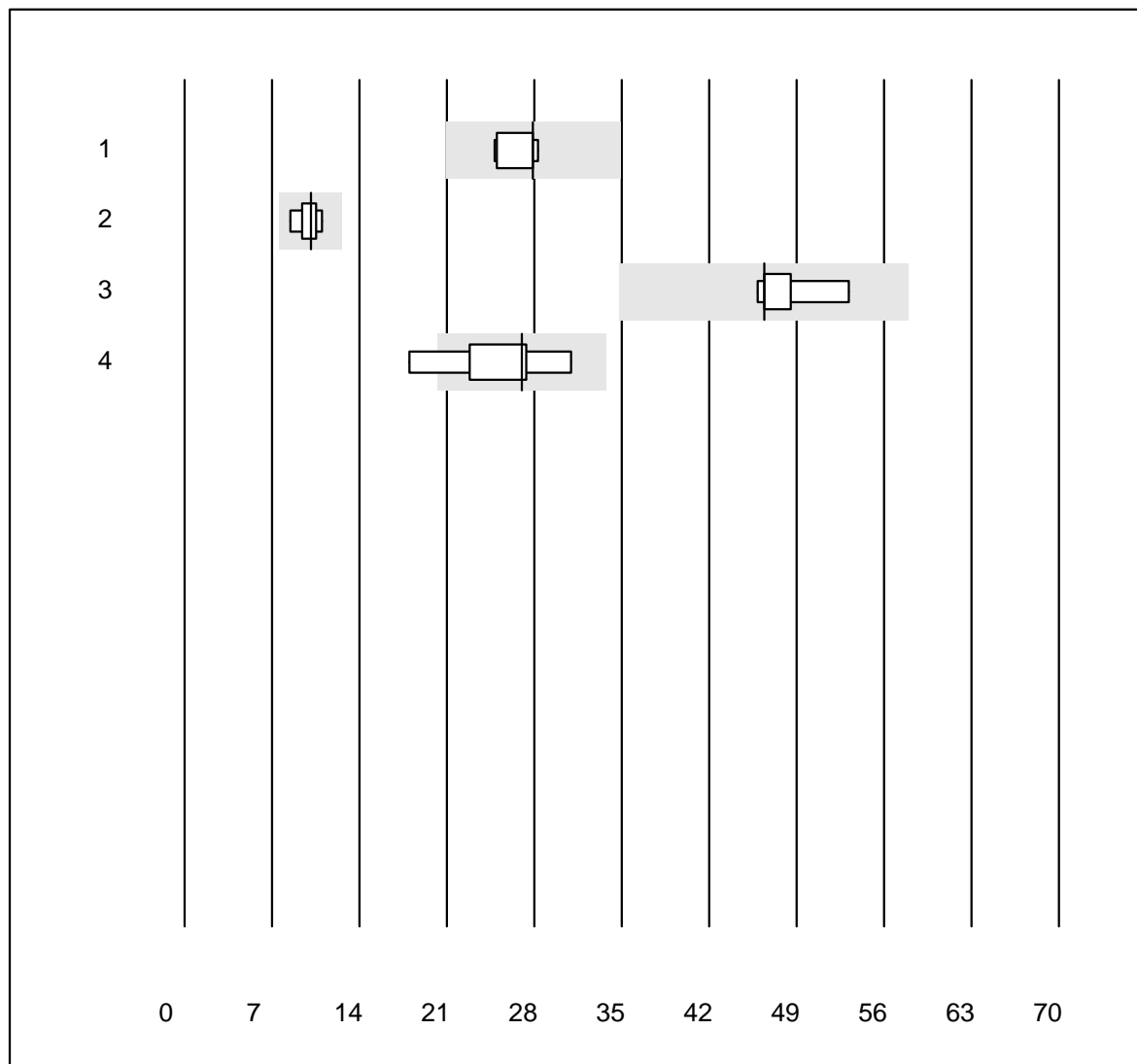


QUALAB Toleranz : 25 %

AFP (µg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	23.0	10.3	e*
2	Architect	4	100.0	0.0	0.0	23.3	4.4	e

### HCG qn

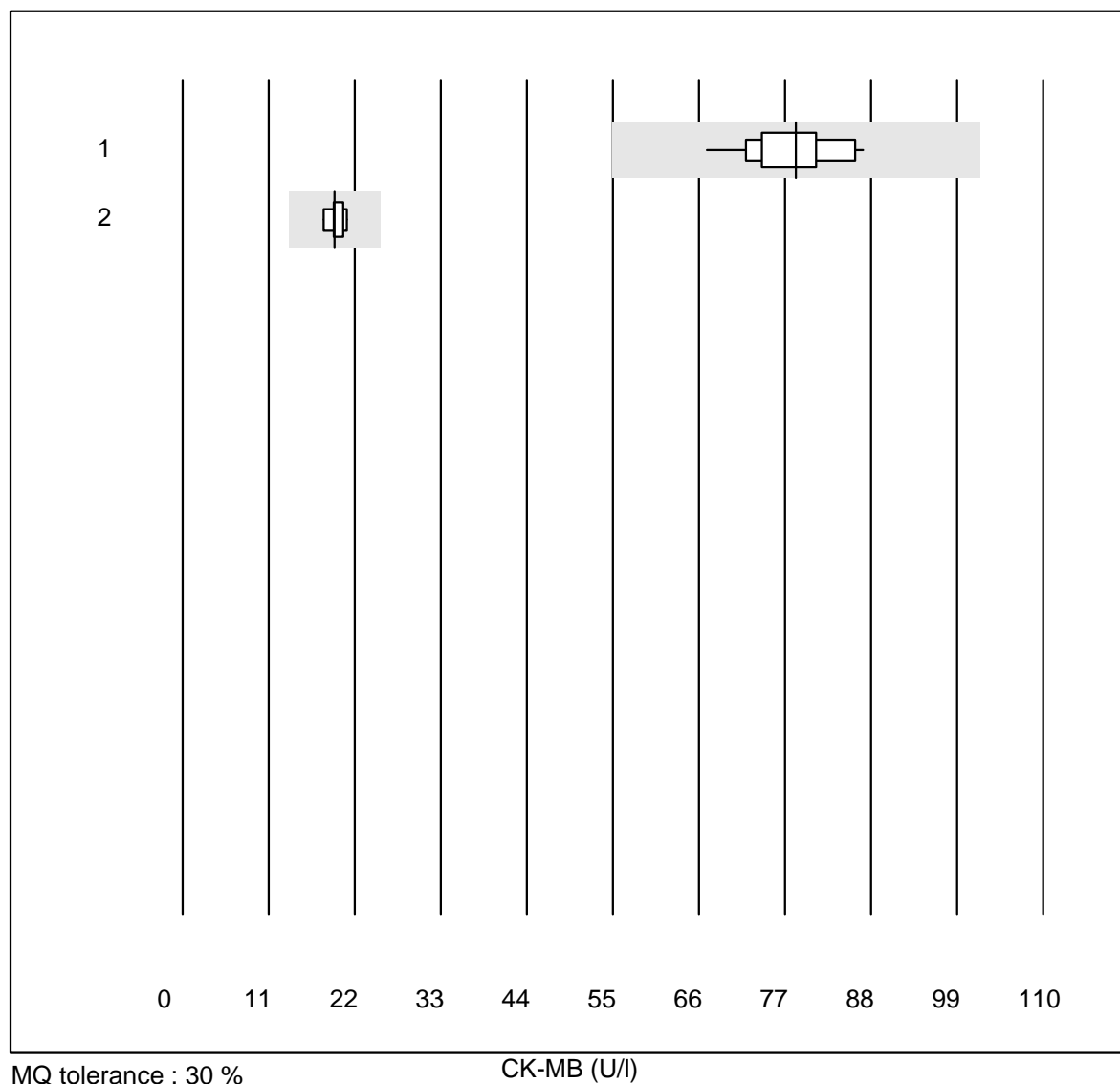


QUALAB Toleranz : 25 %

HCG qn (U/l)

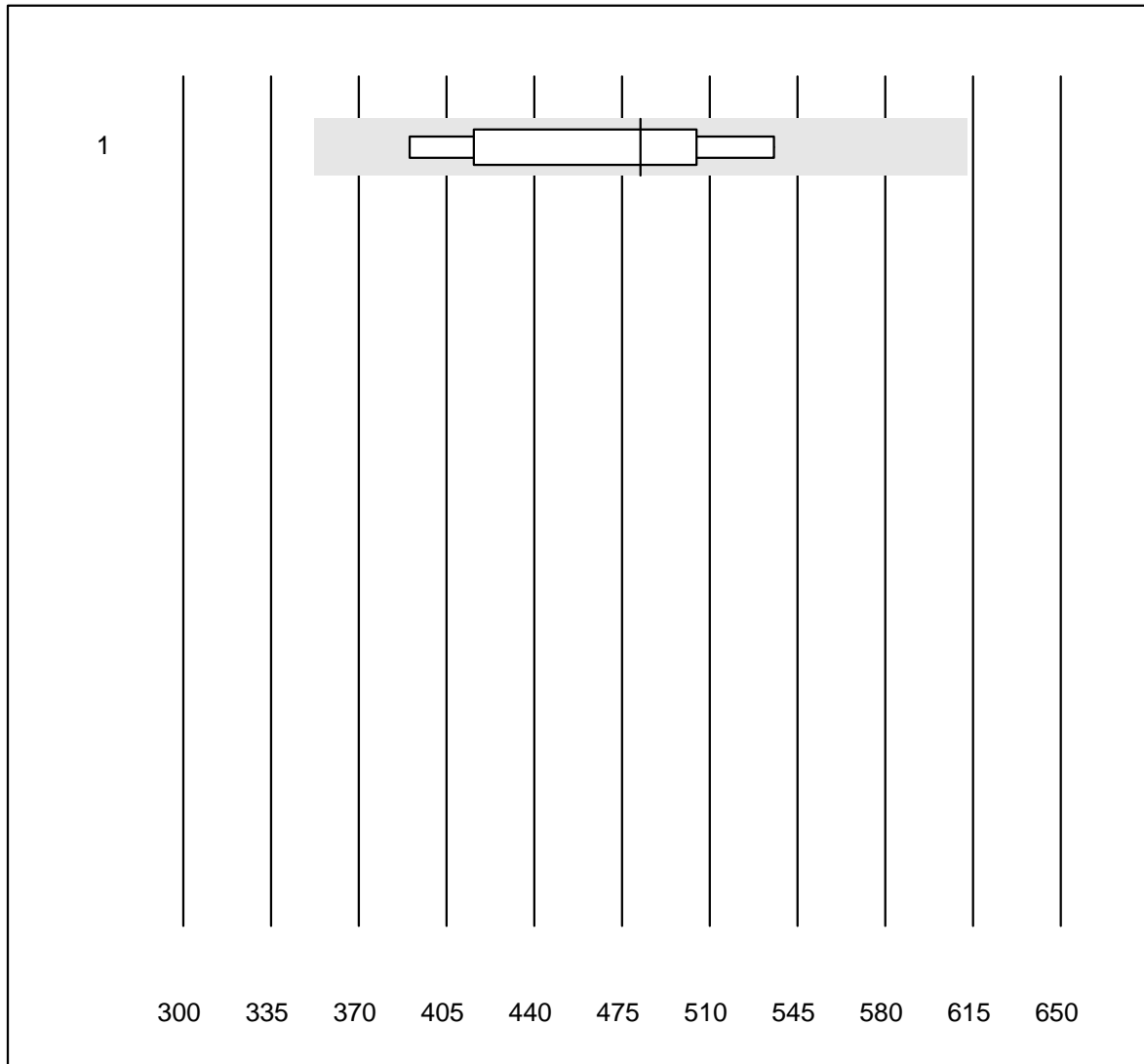
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas E / Elecsys	8	100.0	0.0	0.0	27.9	5.1	a
2 VIDAS	7	100.0	0.0	0.0	10.1	8.4	e*
3 Architect	8	100.0	0.0	0.0	46.4	4.9	a
4 AFIAS	9	88.9	11.1	0.0	27.0	15.6	e*

## CK-MB



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Fuji Dri-Chem	30	93.3	0.0	6.7	78.4	6.4	e
2	Cobas/Roche	5	100.0	0.0	0.0	19.4	5.9	e

# BNP



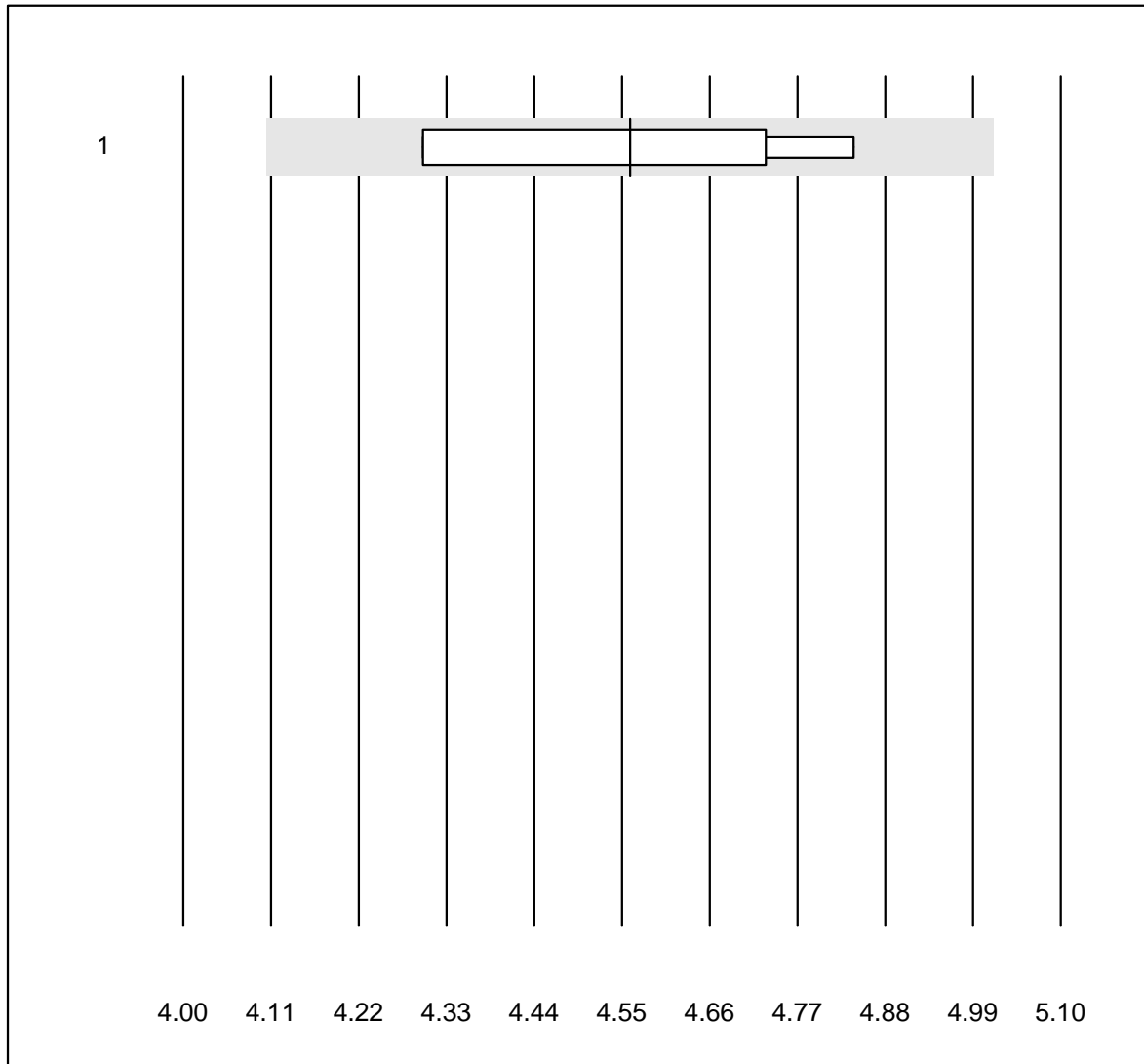
QUALAB Toleranz : 27 %

BNP (ng/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Architect	6	100.0	0.0	0.0	482.3	12.0	e*



## Cholesterol PTS

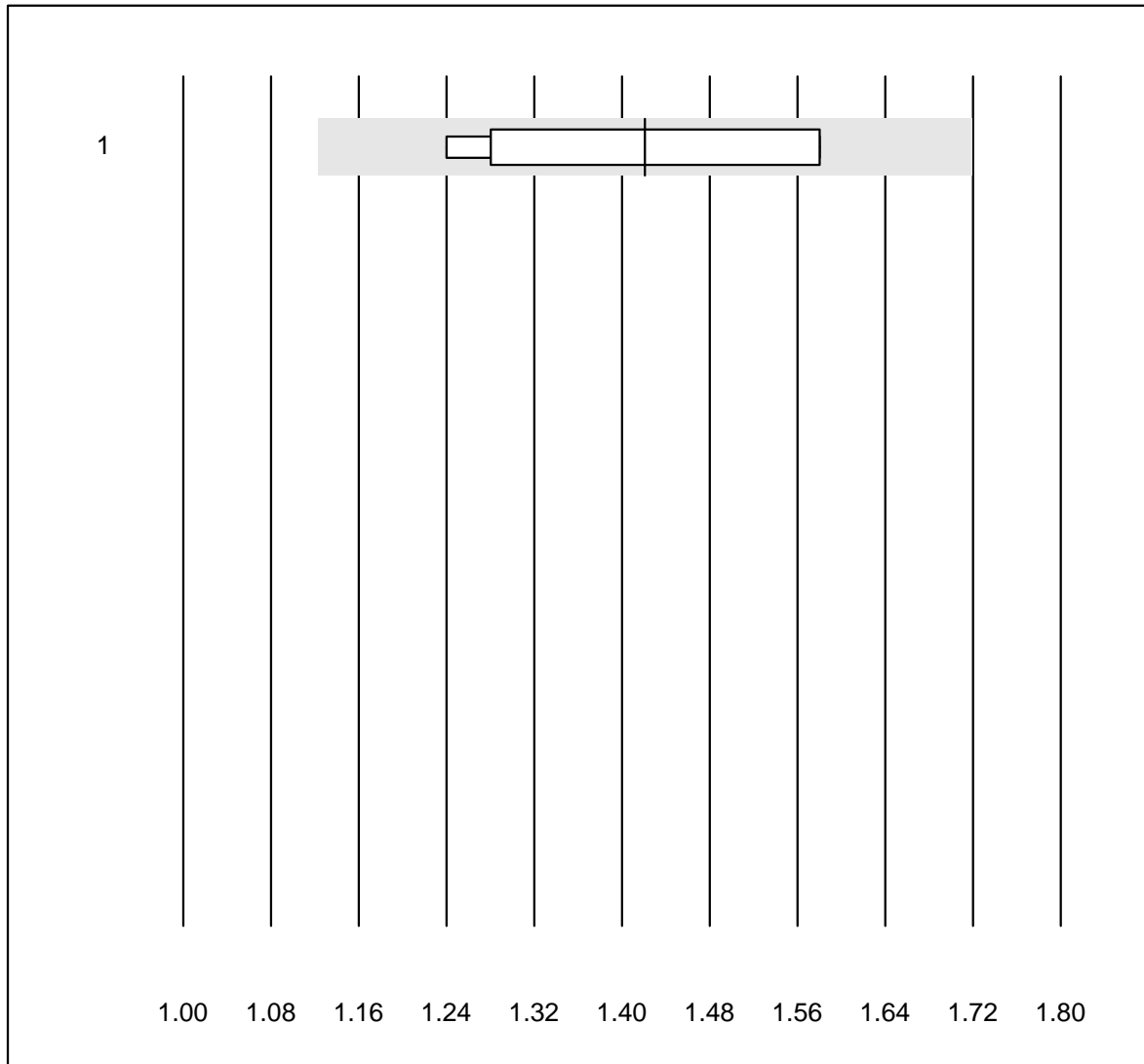


QUALAB Toleranz : 10 %

Cholesterol PTS (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CardioChek	10	80.0	0.0	20.0	4.56	4.5	e*

## Cholesterol HDL PTS

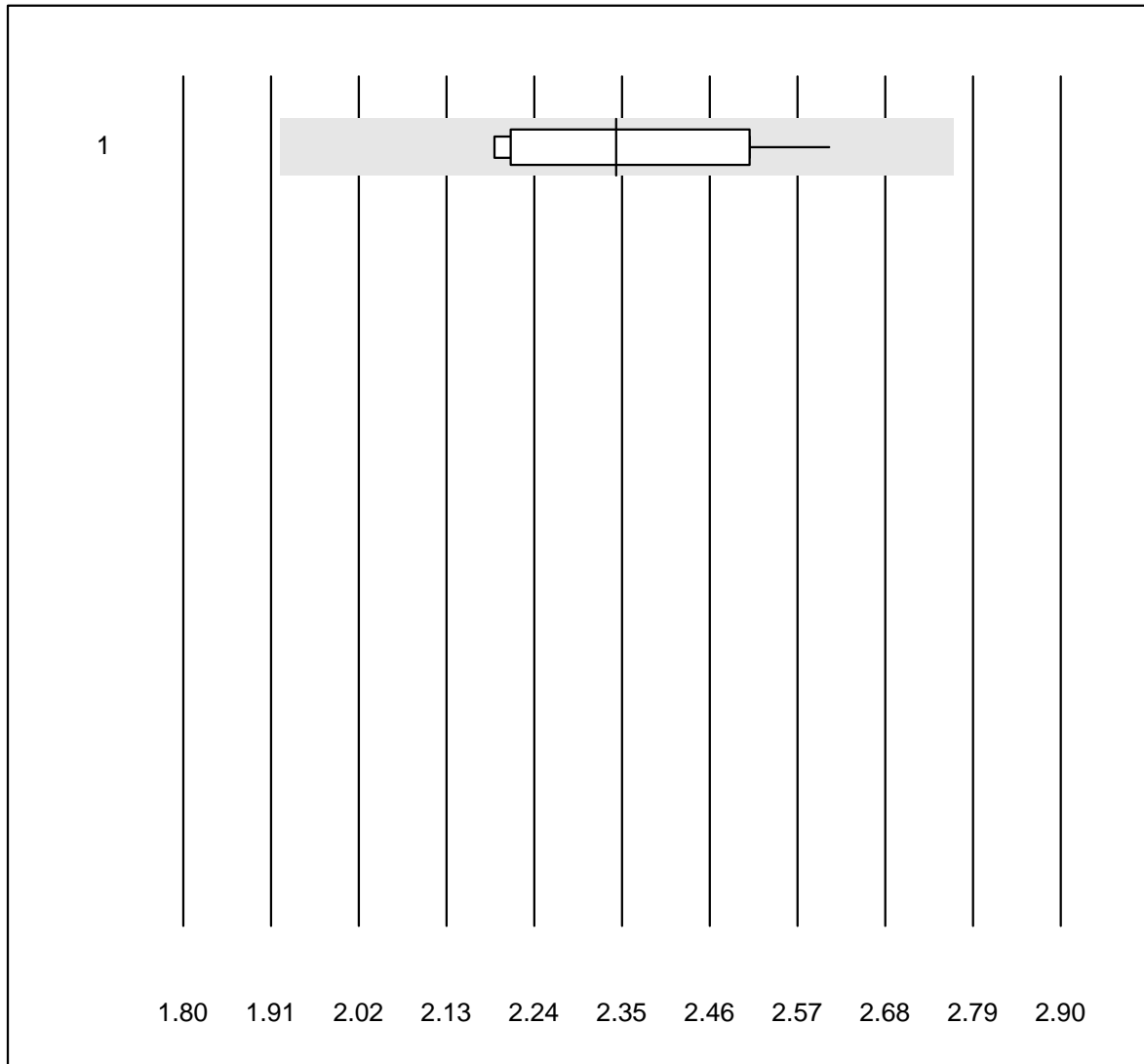


QUALAB Toleranz : 21 %

Cholesterol HDL PTS (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CardioChek	10	90.0	0.0	10.0	1.42	10.9	e*

## Triglycerides

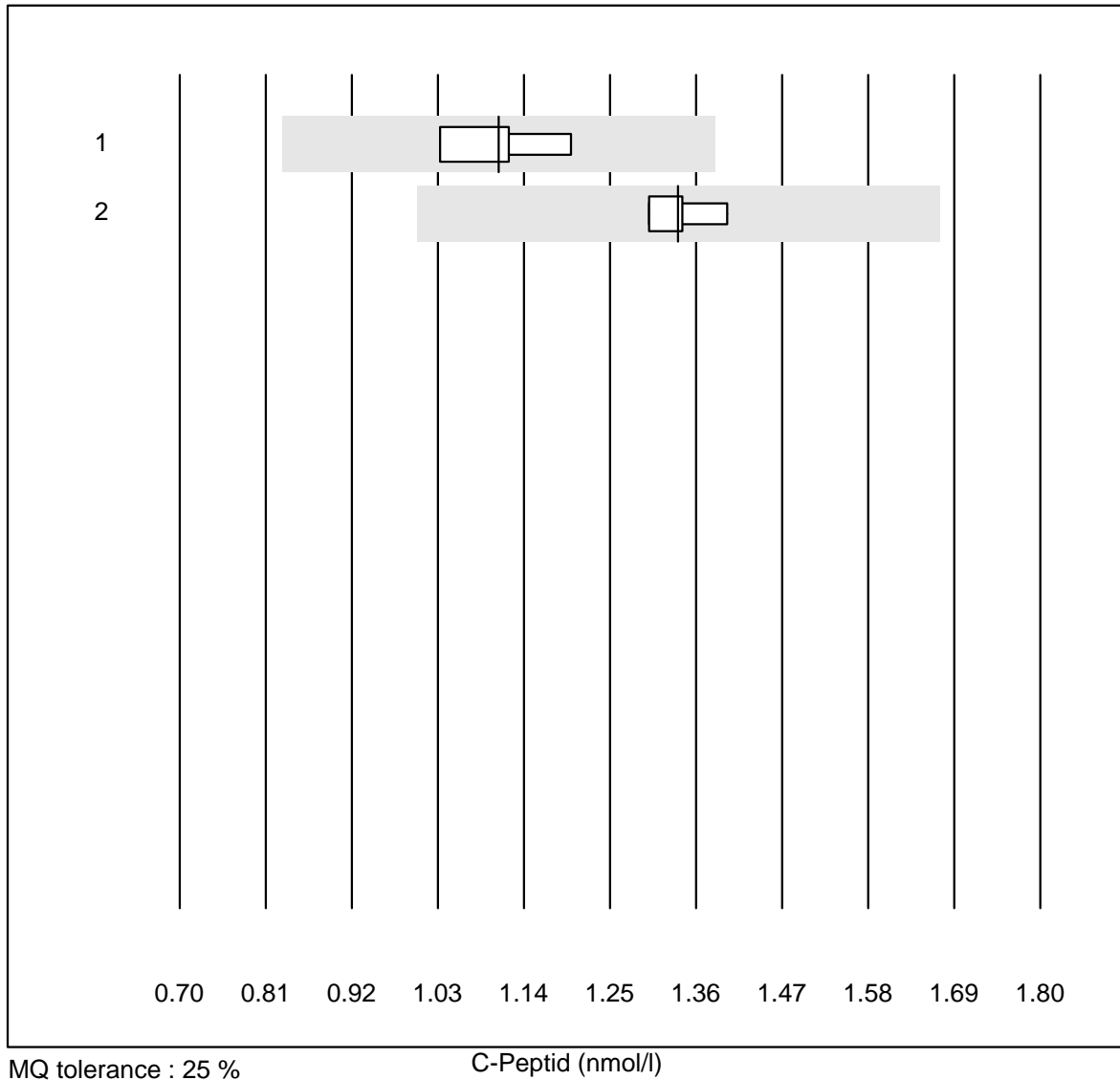


QUALAB Toleranz : 18 %

Triglycerides (mmol/l)

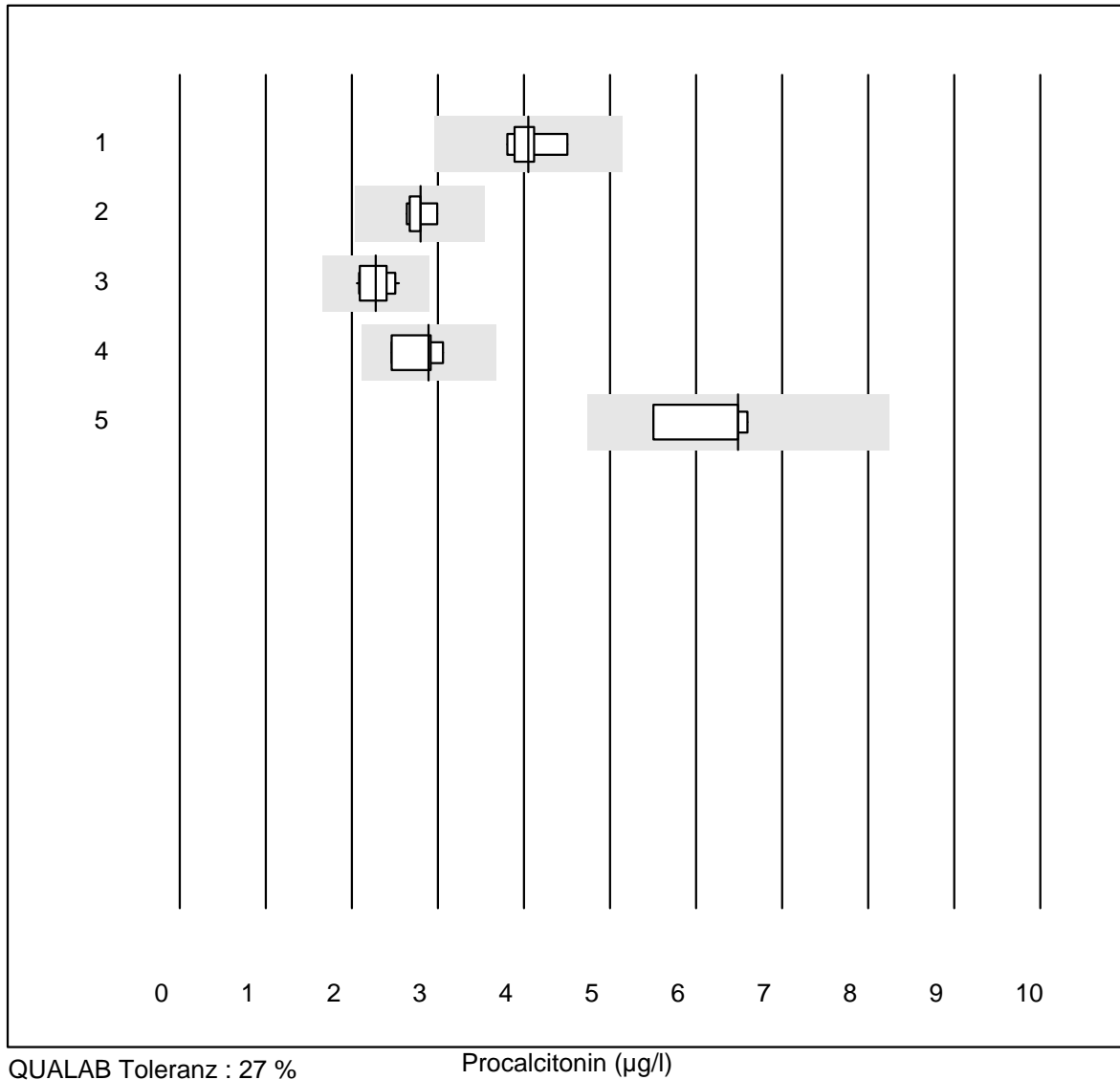
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	CardioChek	10	100.0	0.0	0.0	2.34	6.5	e

## C-Peptid



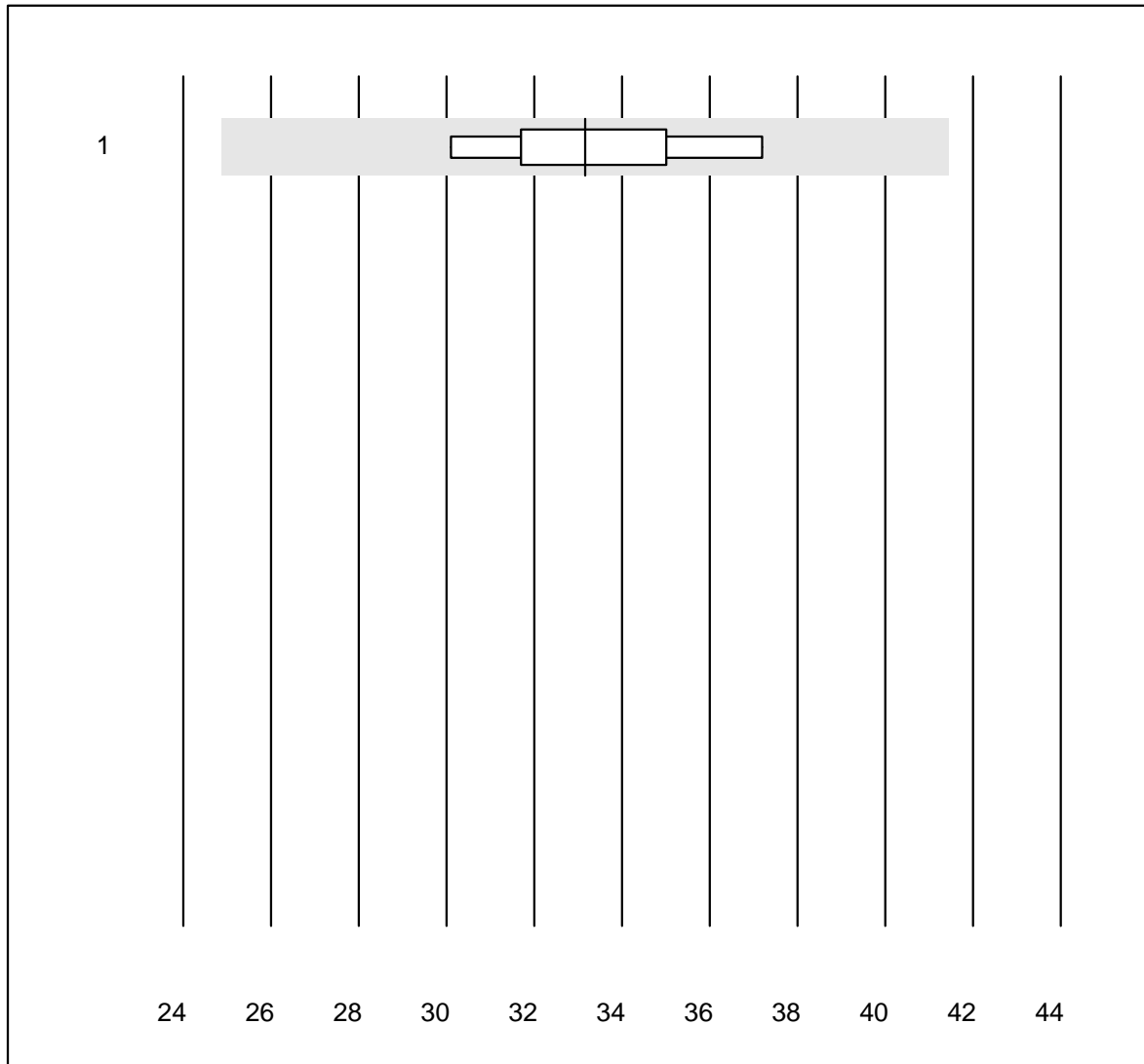
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	4	100.0	0.0	0.0	1.11	6.2	e*
2	Liaison	4	100.0	0.0	0.0	1.34	3.1	e

## Procalcitonin



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Architect	6	100.0	0.0	0.0	4.05	5.9	e
2 Cobas	8	100.0	0.0	0.0	2.80	4.4	e
3 VIDAS	12	100.0	0.0	0.0	2.28	7.8	e
4 ADVIA Centaur XP/CP	4	100.0	0.0	0.0	2.89	9.1	e*
5 Other methods	5	80.0	0.0	20.0	6.49	8.0	e*

# EPO

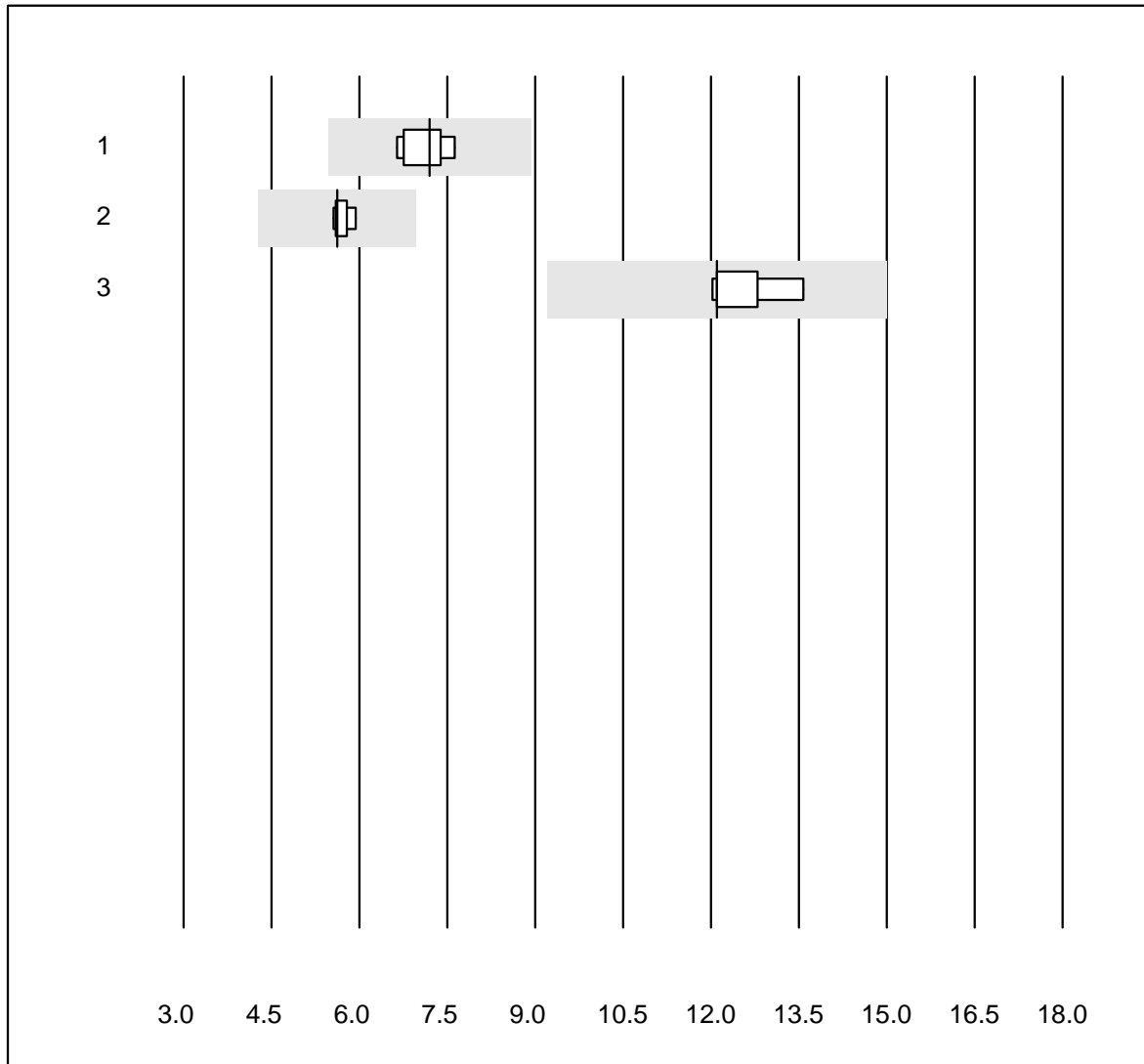


MQ tolerance : 25 %

EPO (U/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Immulite	5	100.0	0.0	0.0	33.2	8.7	a

## Parathyroid hormone

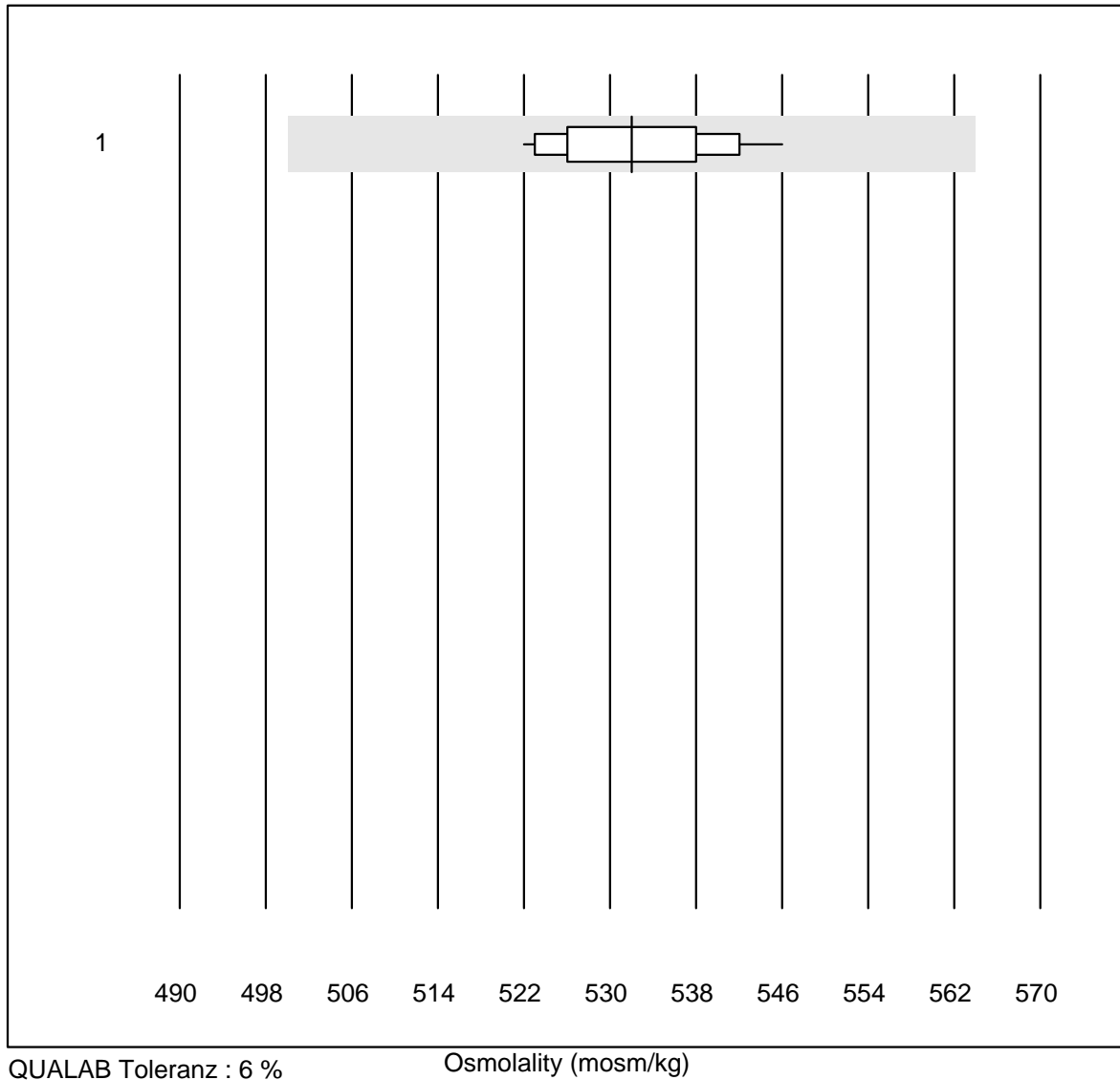


QUALAB Toleranz : 24 %

Parathyroid hormone (pmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas PTH STAT	7	100.0	0.0	0.0	7.2	4.9	e
2	Cobas	7	100.0	0.0	0.0	5.6	2.4	e
3	Architect	5	100.0	0.0	0.0	12.1	5.4	e

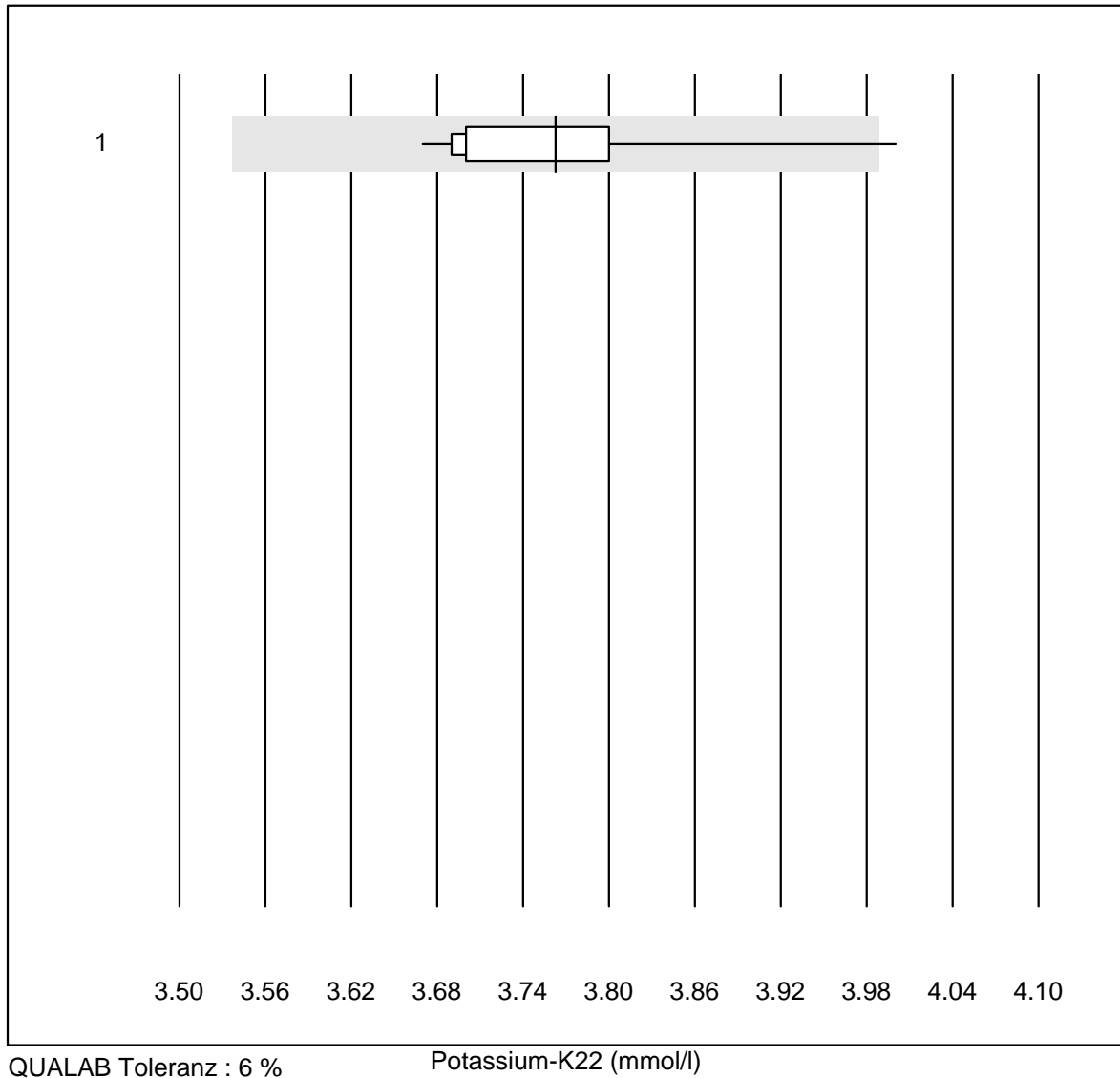
# Osmolality



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cryoskopie	16	100.0	0.0	0.0	532	1.3	e



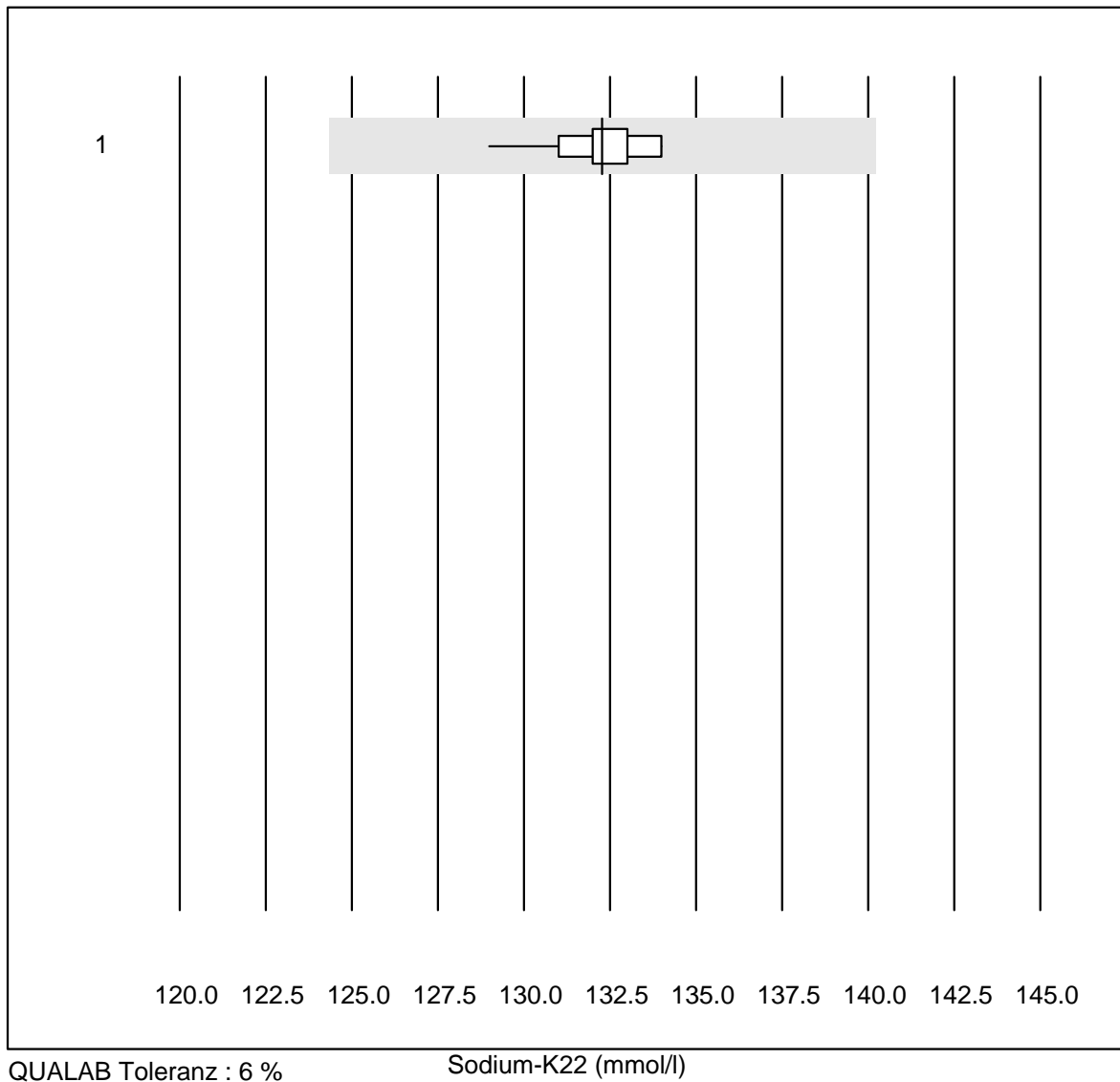
## Potassium-K22



QUALAB Toleranz : 6 %

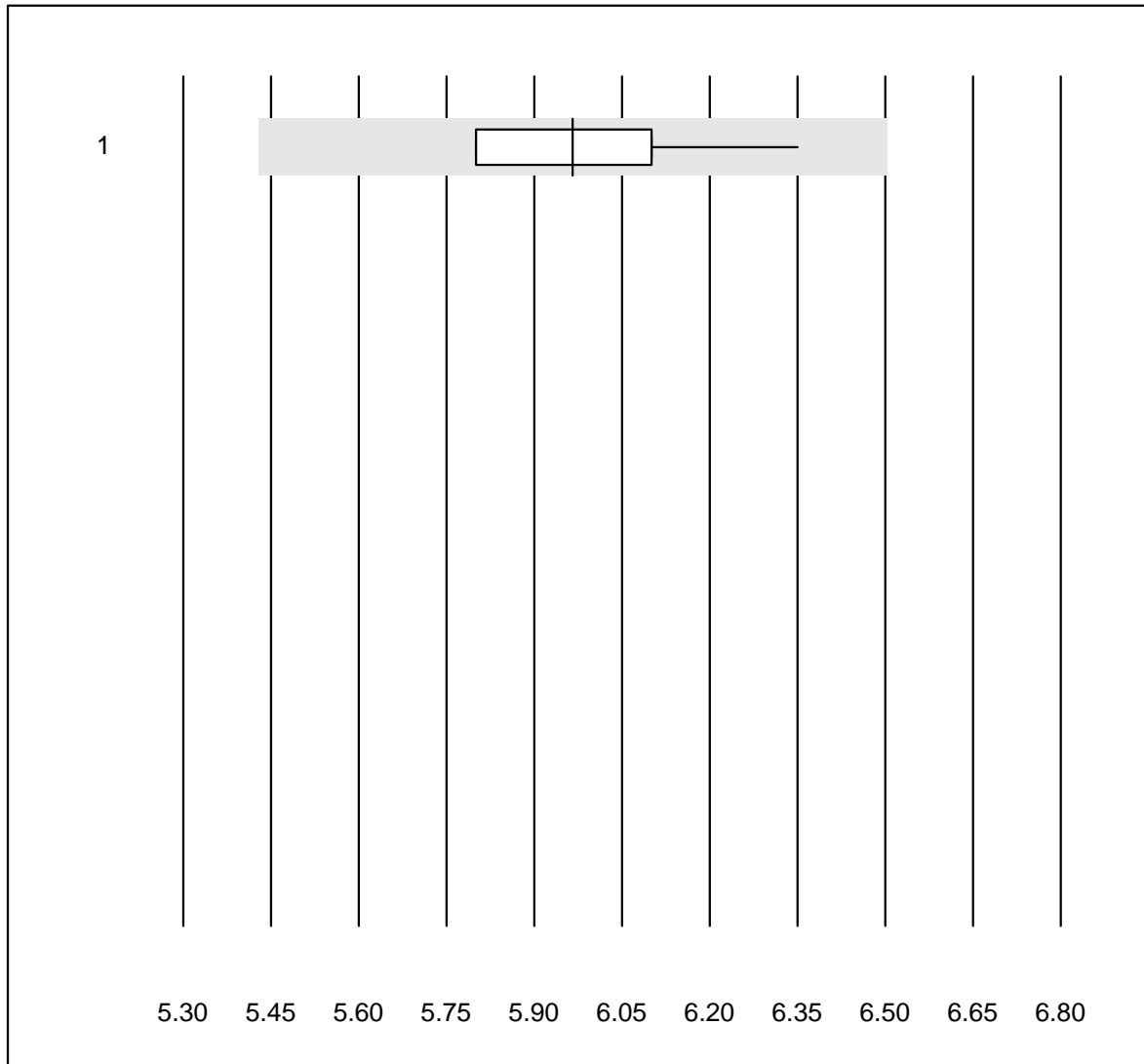
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	ISE	11	90.9	9.1	0.0	3.8	2.5	e*

## Sodium-K22



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 ISE	11	100.0	0.0	0.0	132	1.1	e

## Glucose-K22

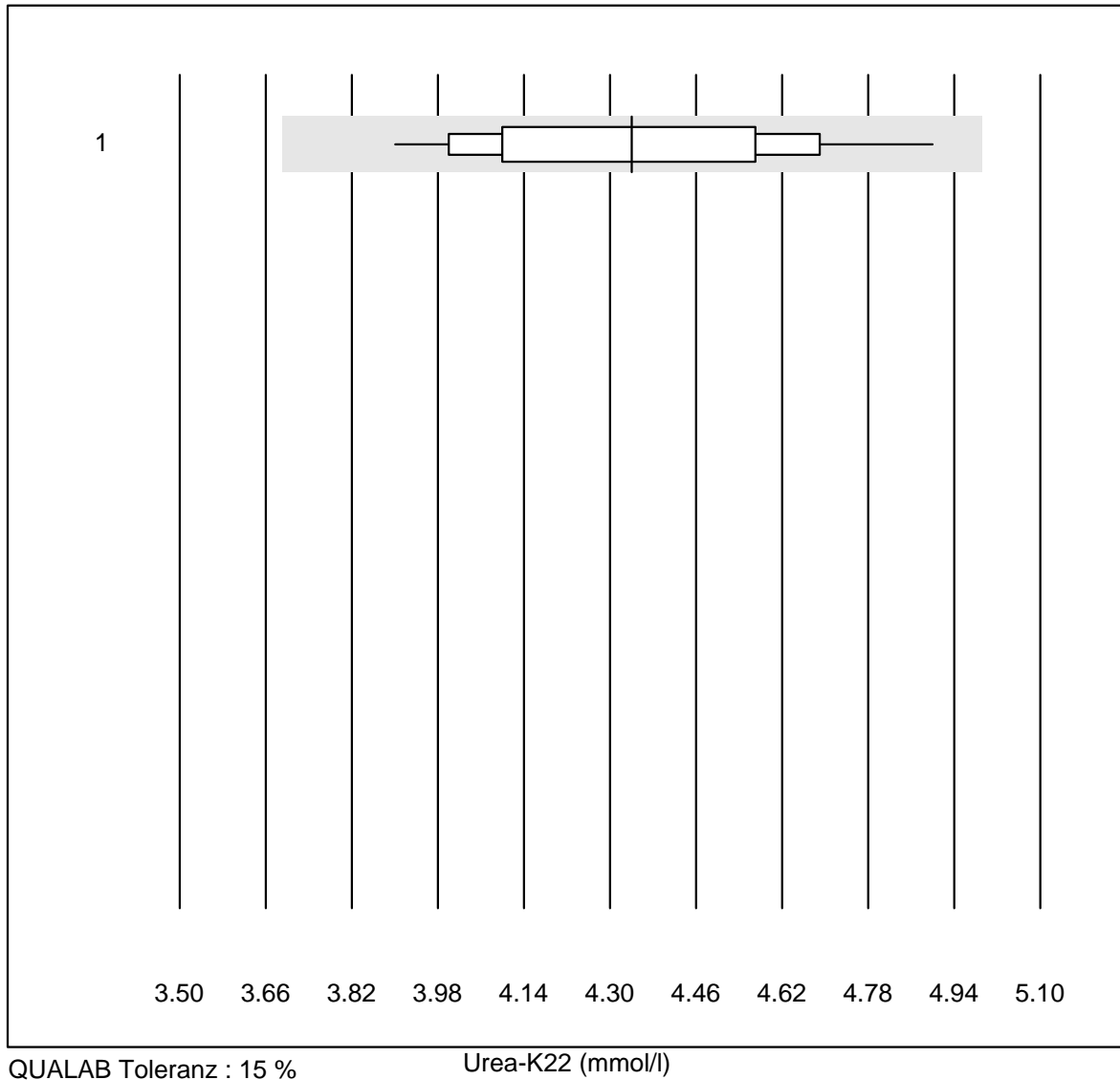


QUALAB Toleranz : 9 %

Glucose-K22 (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	11	100.0	0.0	0.0	6.0	2.8	e

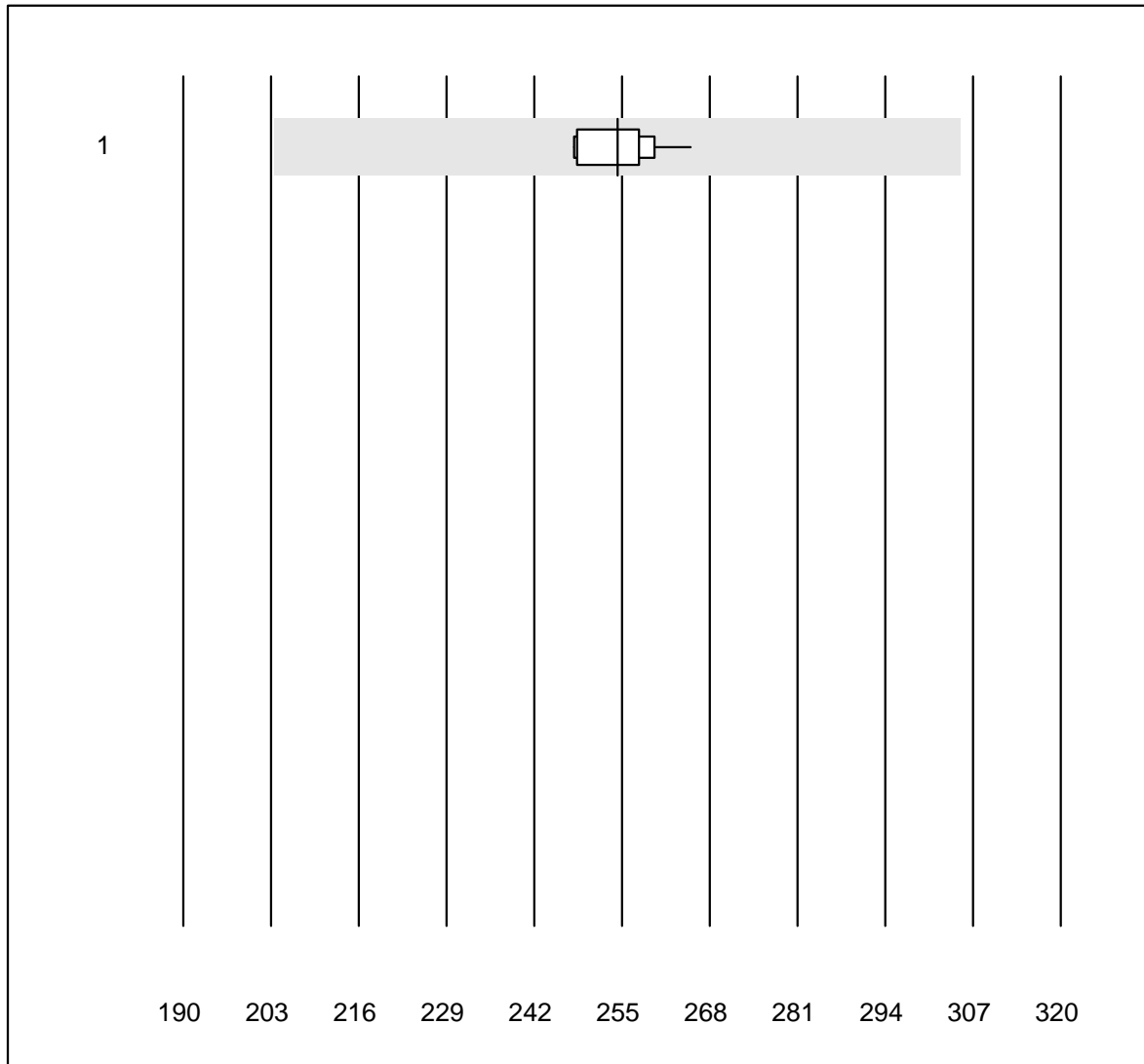
## Urea-K22



QUALAB Toleranz : 15 %

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Standard chemistry	11	100.0	0.0	0.0	4.3	6.8	e*

## Osmotic Gap

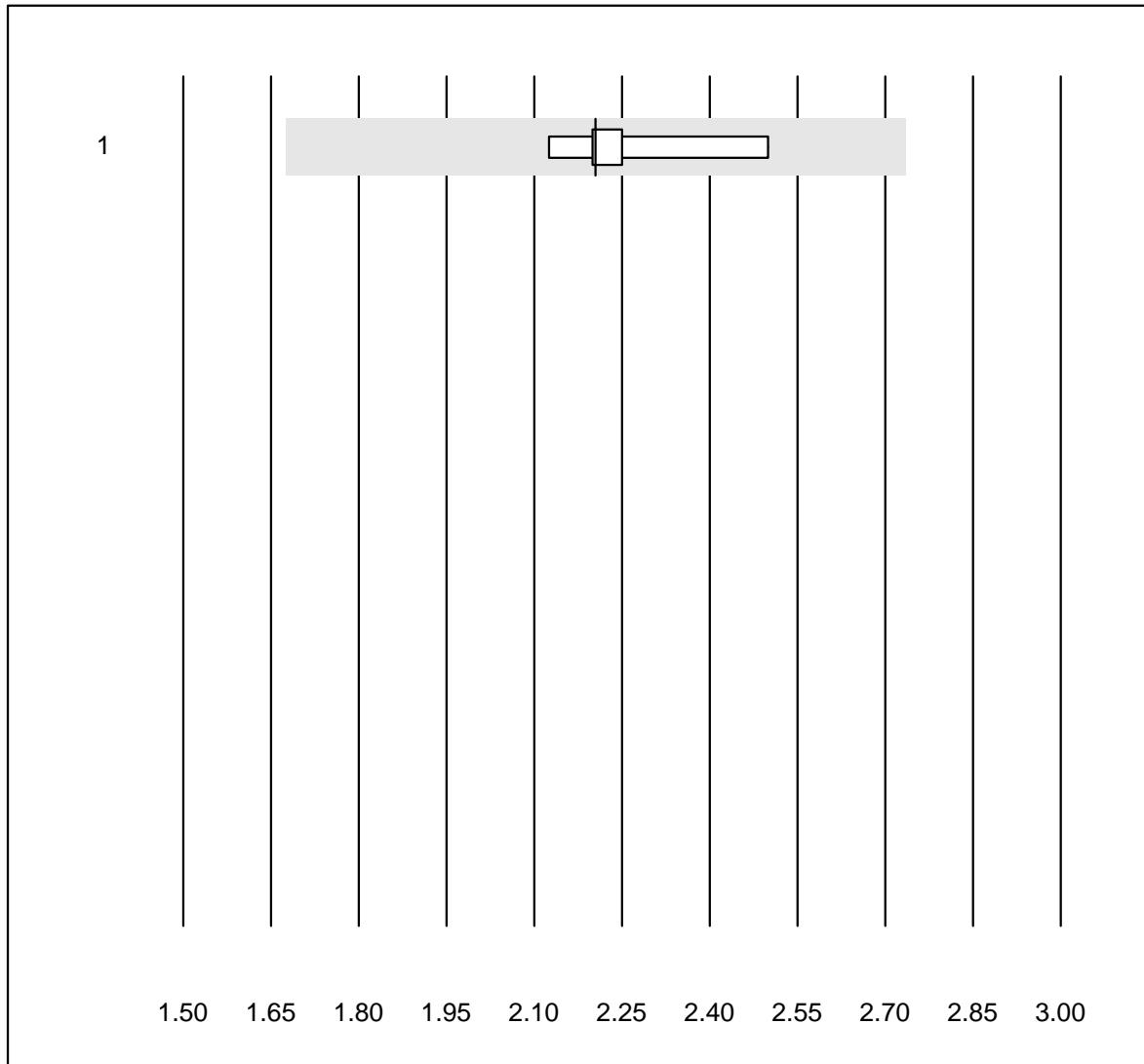


MQ tolerance : 20 %

Osmotic Gap (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Formel 1 (2Na+K+Glu+	10	100.0	0.0	0.0	254.3	2.3	e

# Digoxin

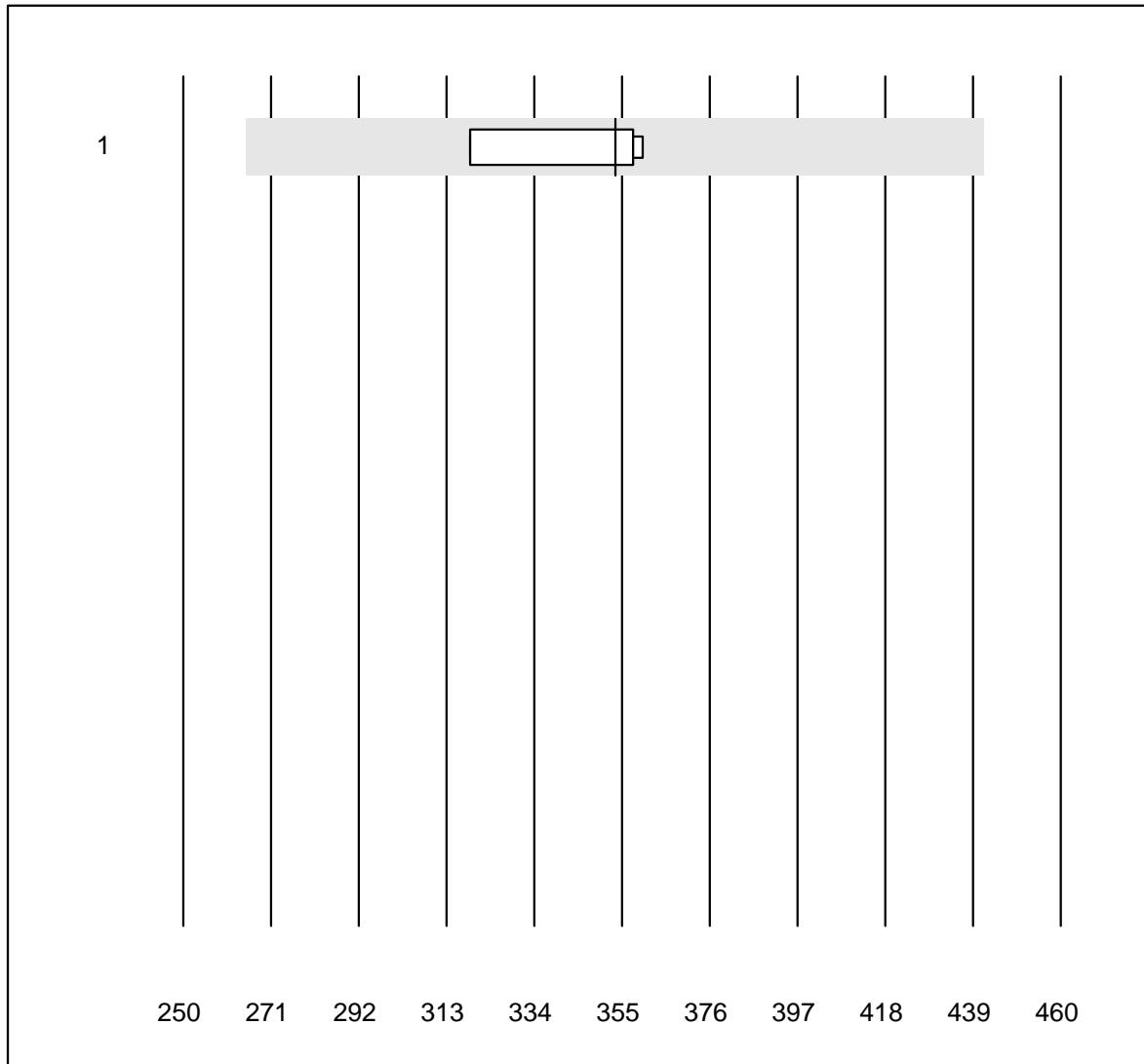


QUALAB Toleranz : 24 %

Digoxin (nmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Other methods	6	100.0	0.0	0.0	2.21	5.8	e

# Paracetamol

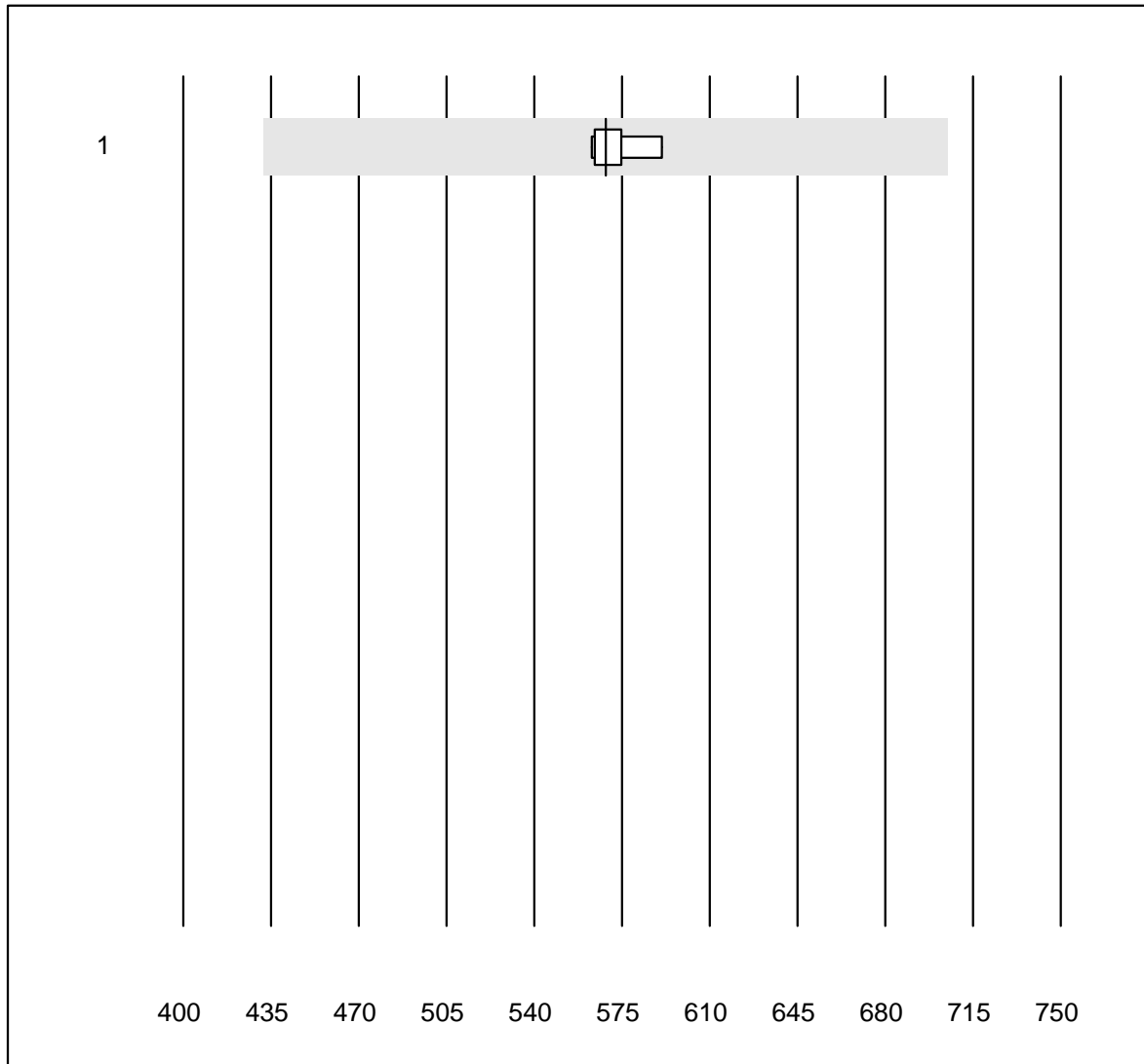


MQ tolerance : 25 %

Paracetamol (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	4	100.0	0.0	0.0	353.4	5.5	e

# Valproat



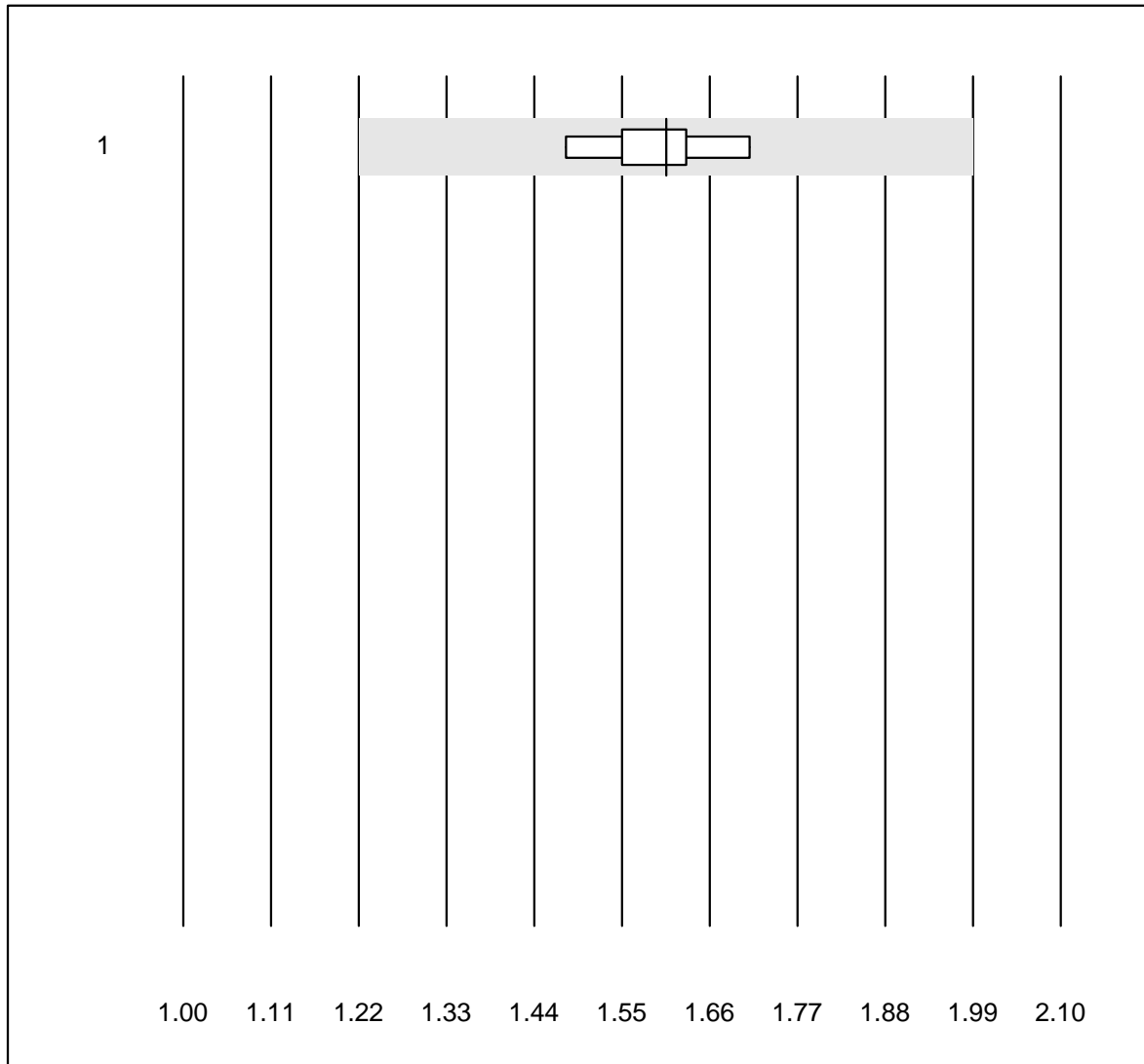
MQ tolerance : 24 %

Valproat (µmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	6	100.0	0.0	0.0	568.5	1.9	e



# Cystatin C

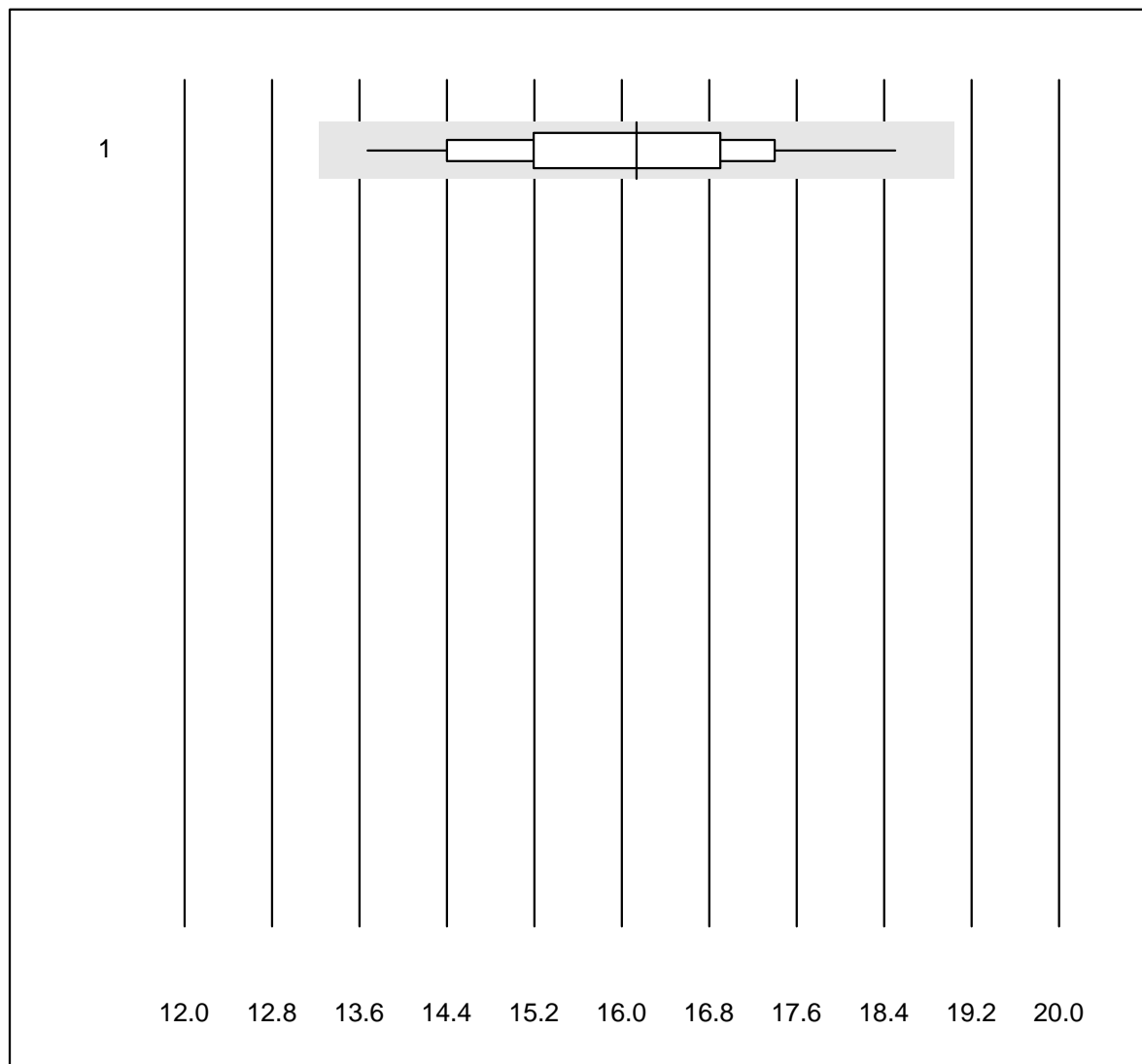


MQ tolerance : 24 %

Cystatin C (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	8	100.0	0.0	0.0	1.61	4.3	e

# Ethanol

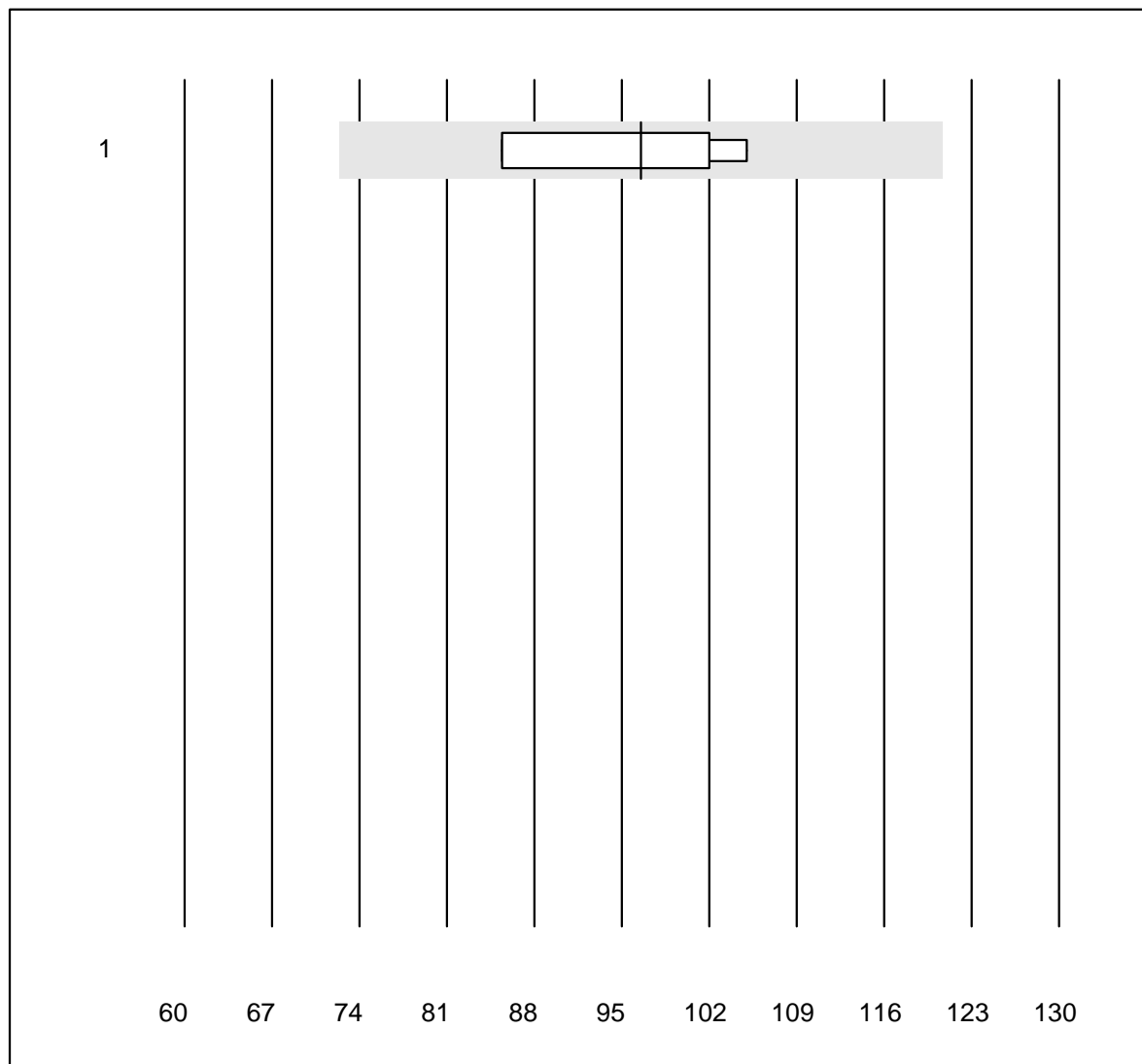


QUALAB Toleranz : 18 %

Ethanol (mmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	24	95.8	0.0	4.2	16.1	7.8	e

# Ammonia

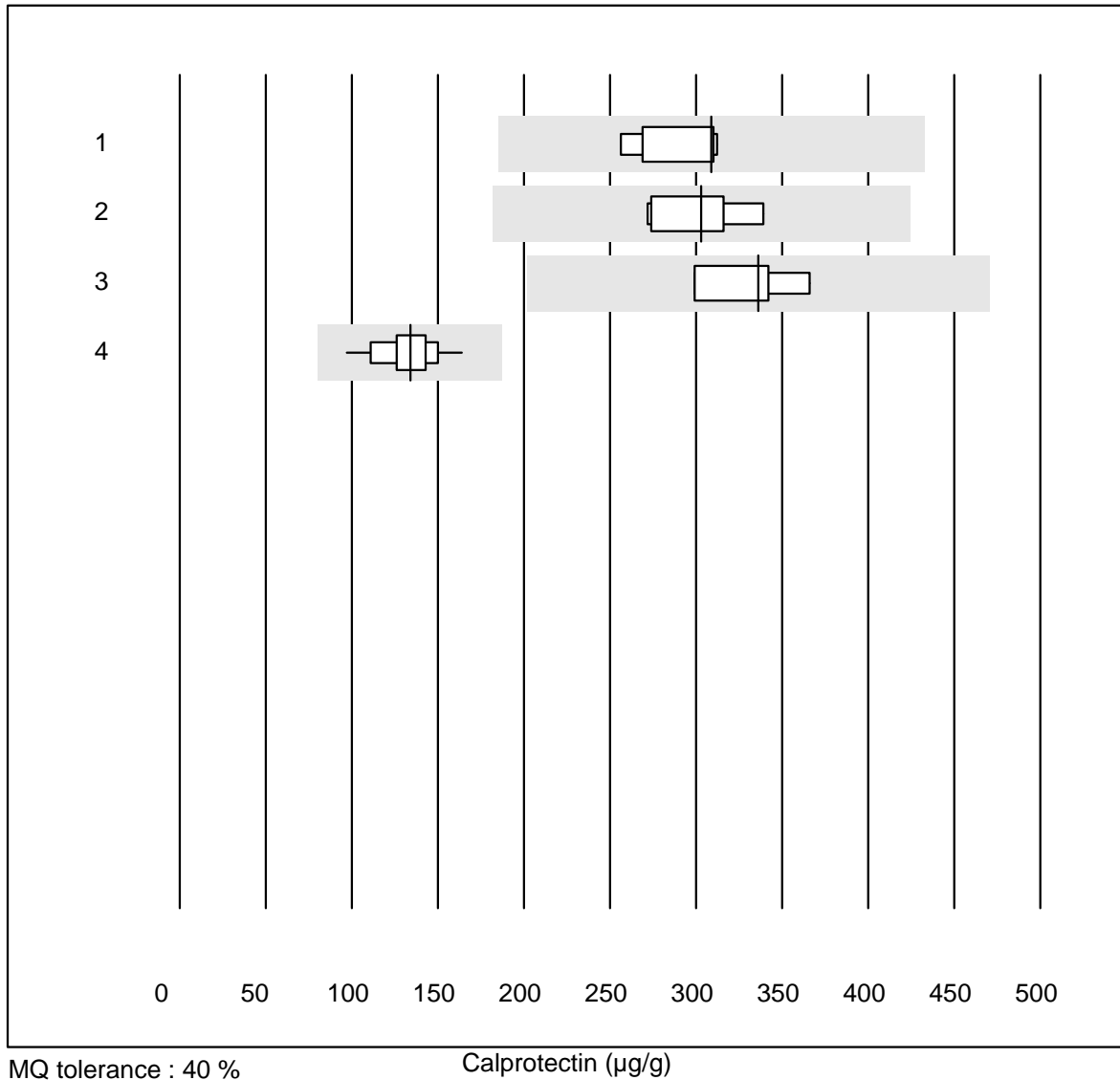


MQ tolerance : 25 %

Ammonia (µmol/l)

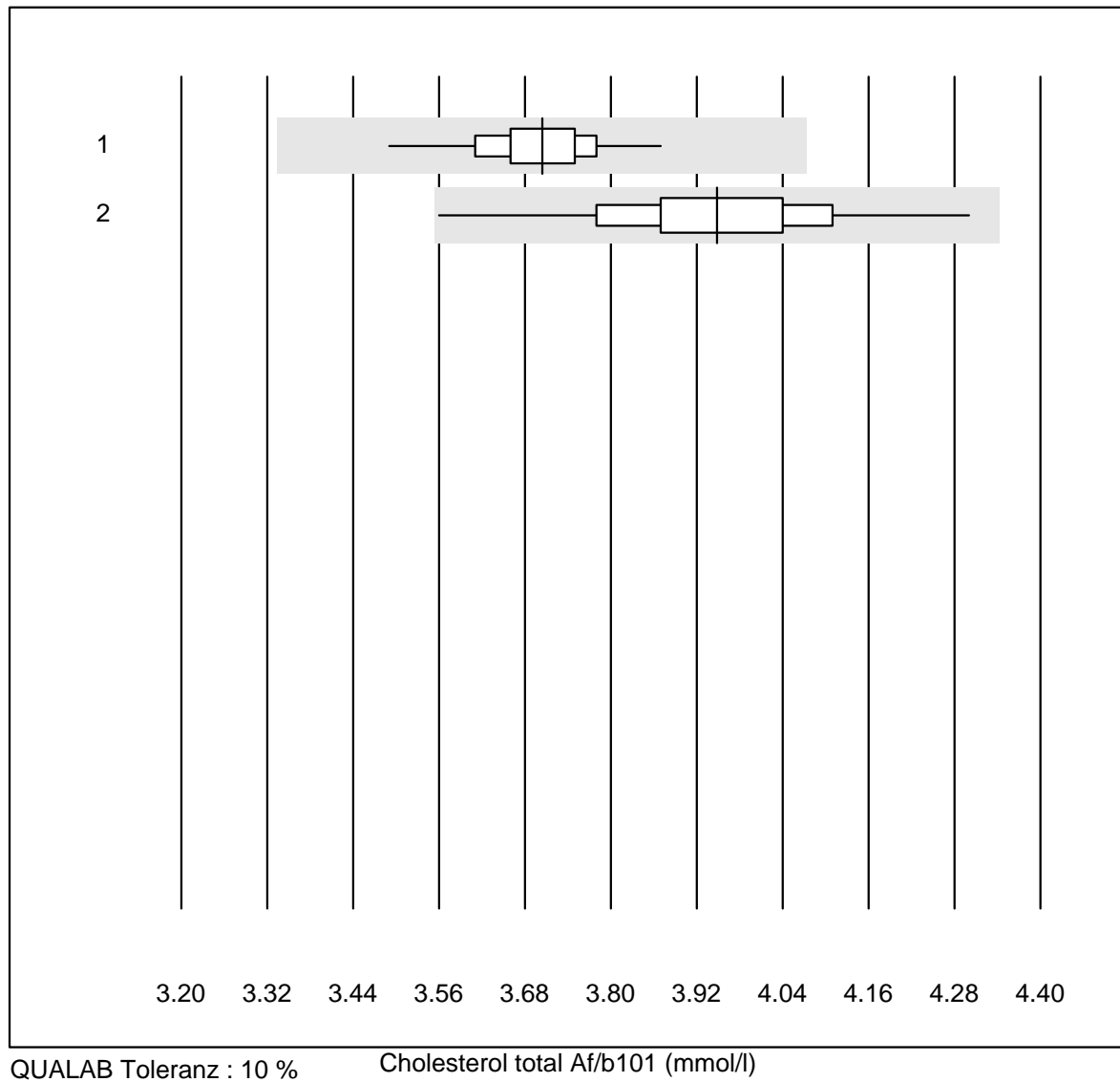
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	4	100.0	0.0	0.0	96.5	9.6	e*

# Calprotectin



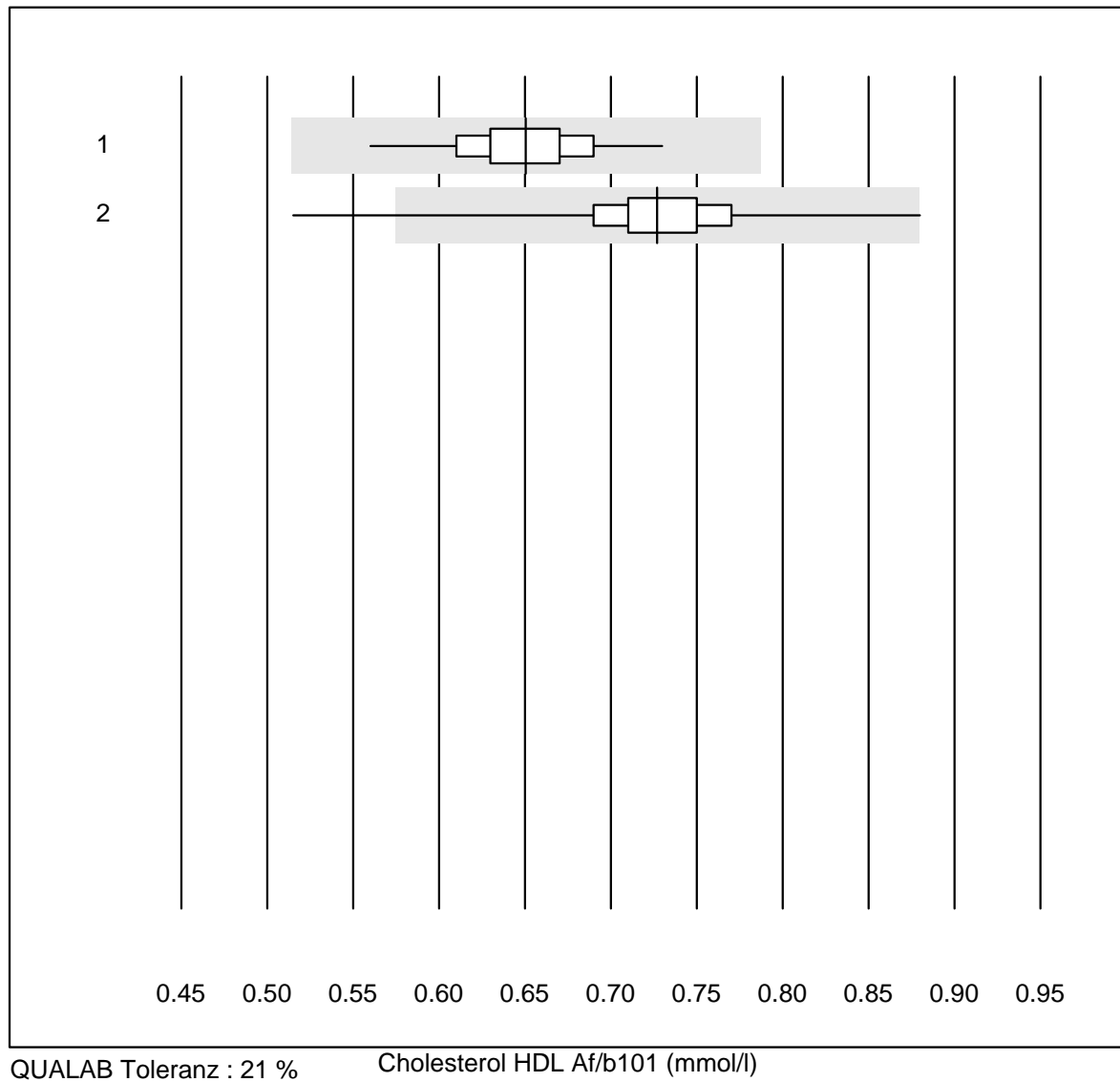
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Bühlmann ELISA	7	100.0	0.0	0.0	309	7.8	e
2	Bühlmann fCALturbo	9	77.8	0.0	22.2	303	8.2	e
3	Bühlmann Quantum Blu	4	100.0	0.0	0.0	336	8.3	e
4	Liaison	23	100.0	0.0	0.0	134	11.9	e

## Cholesterol total Af/b101



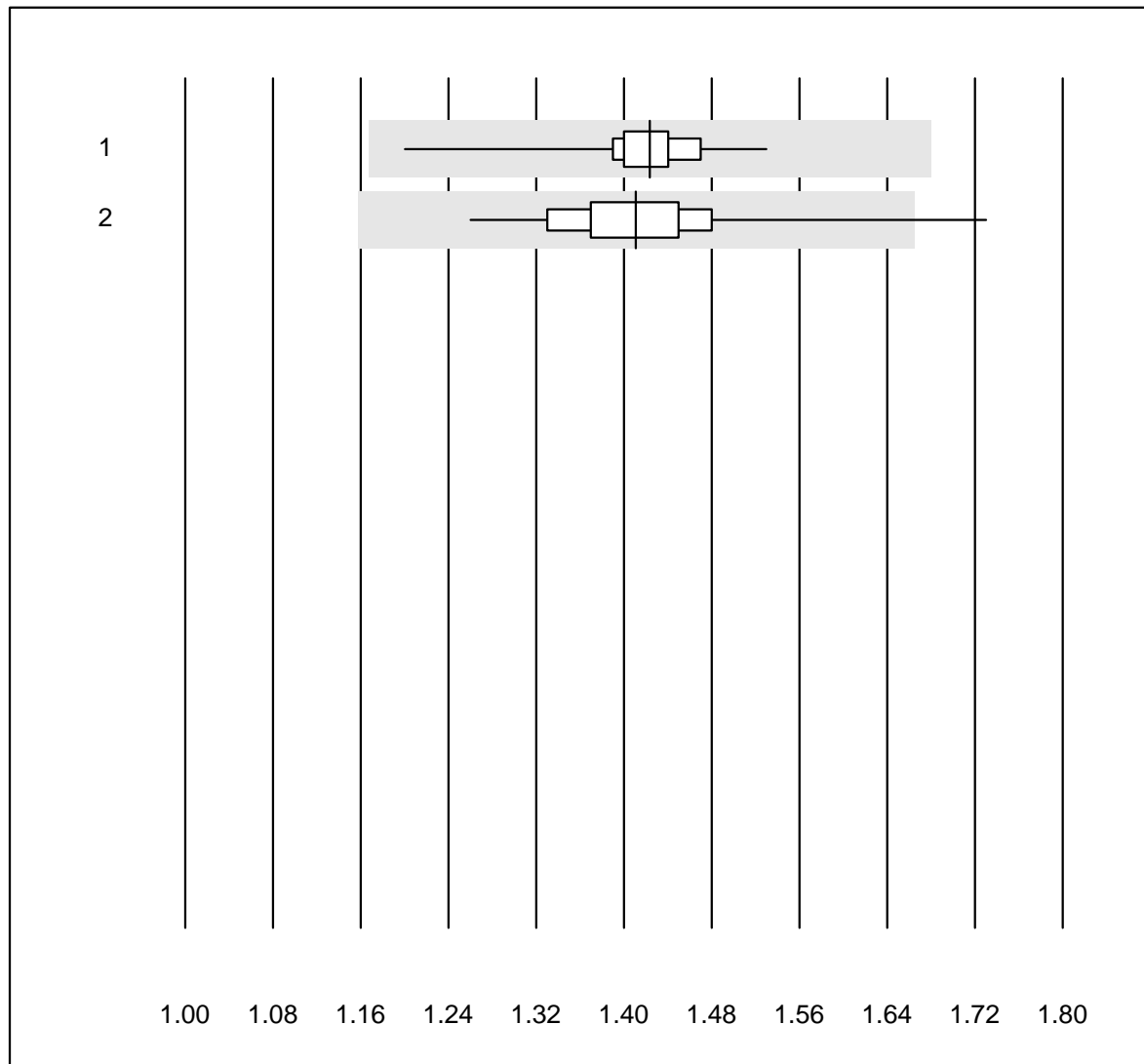
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b101	178	99.4	0.0	0.6	3.70	1.8	e
2	Afinion	402	99.3	0.0	0.7	3.95	3.3	e

## Cholesterol HDL Af/b101



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas b101	178	96.6	0.0	3.4	0.65	5.1	e
2 Afinion	401	91.3	1.5	7.2	0.73	5.7	e

## Tryglycerides Af/b101

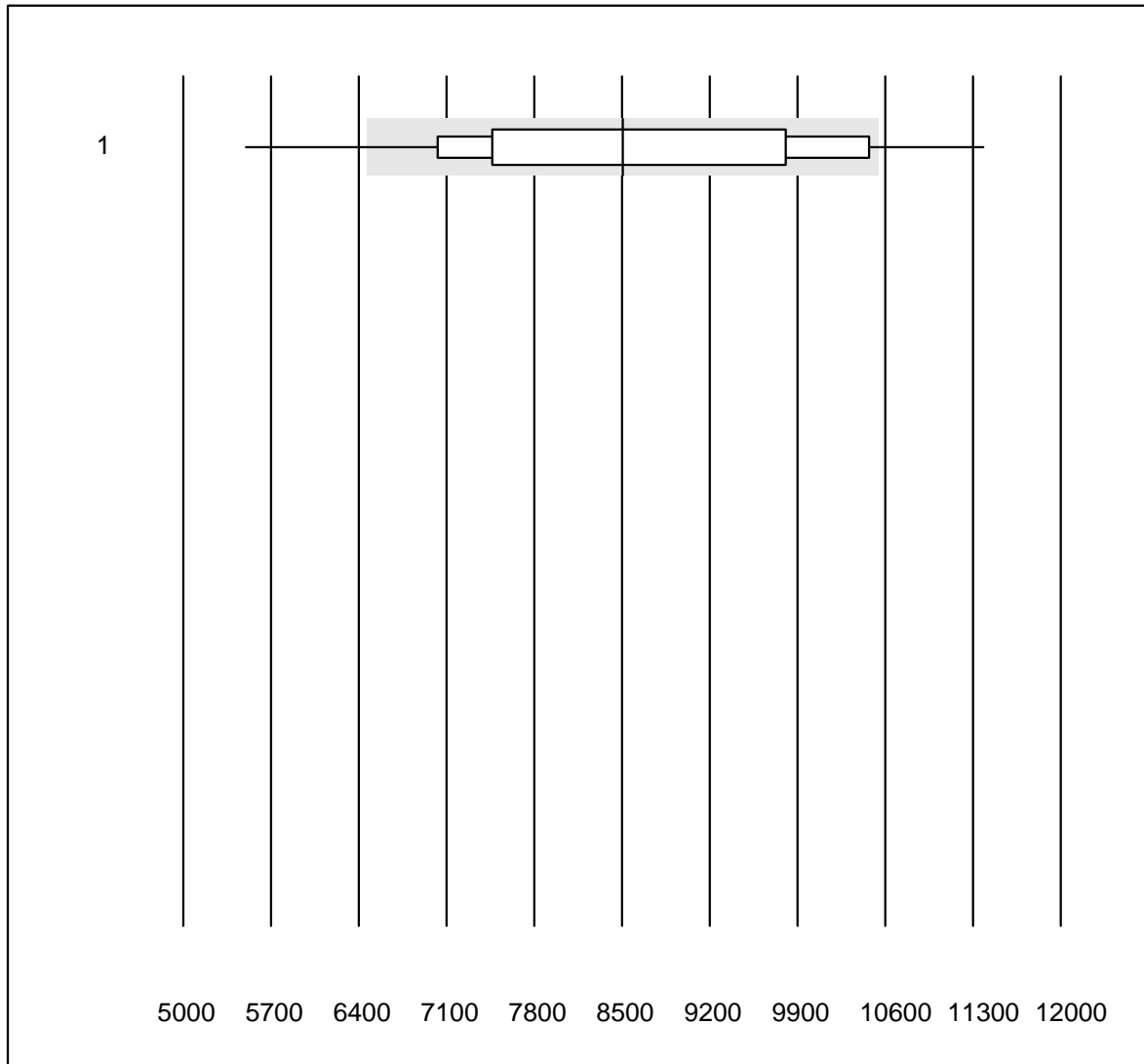


QUALAB Toleranz : 18 %

Tryglycerides Af/b101 (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas b101	176	99.4	0.0	0.6	1.42	2.6	e
2	Afinion	402	99.1	0.2	0.7	1.41	4.4	e

# Troponin I S



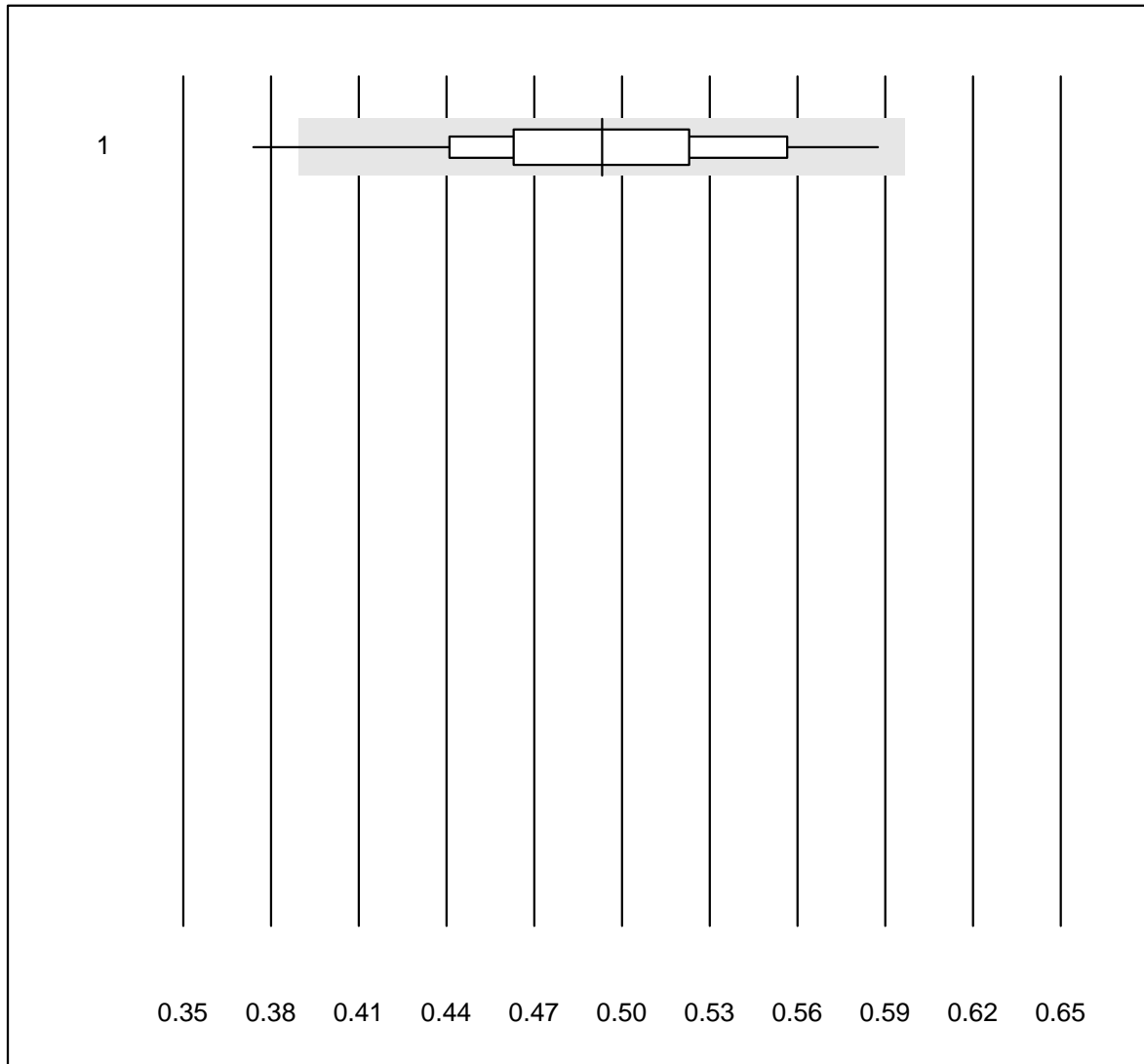
QUALAB Toleranz : 24 %

Troponin I S (ng/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 AFIAS	157	80.9	10.8	8.3	8504.51	16.4	e



## D-dimer qn S

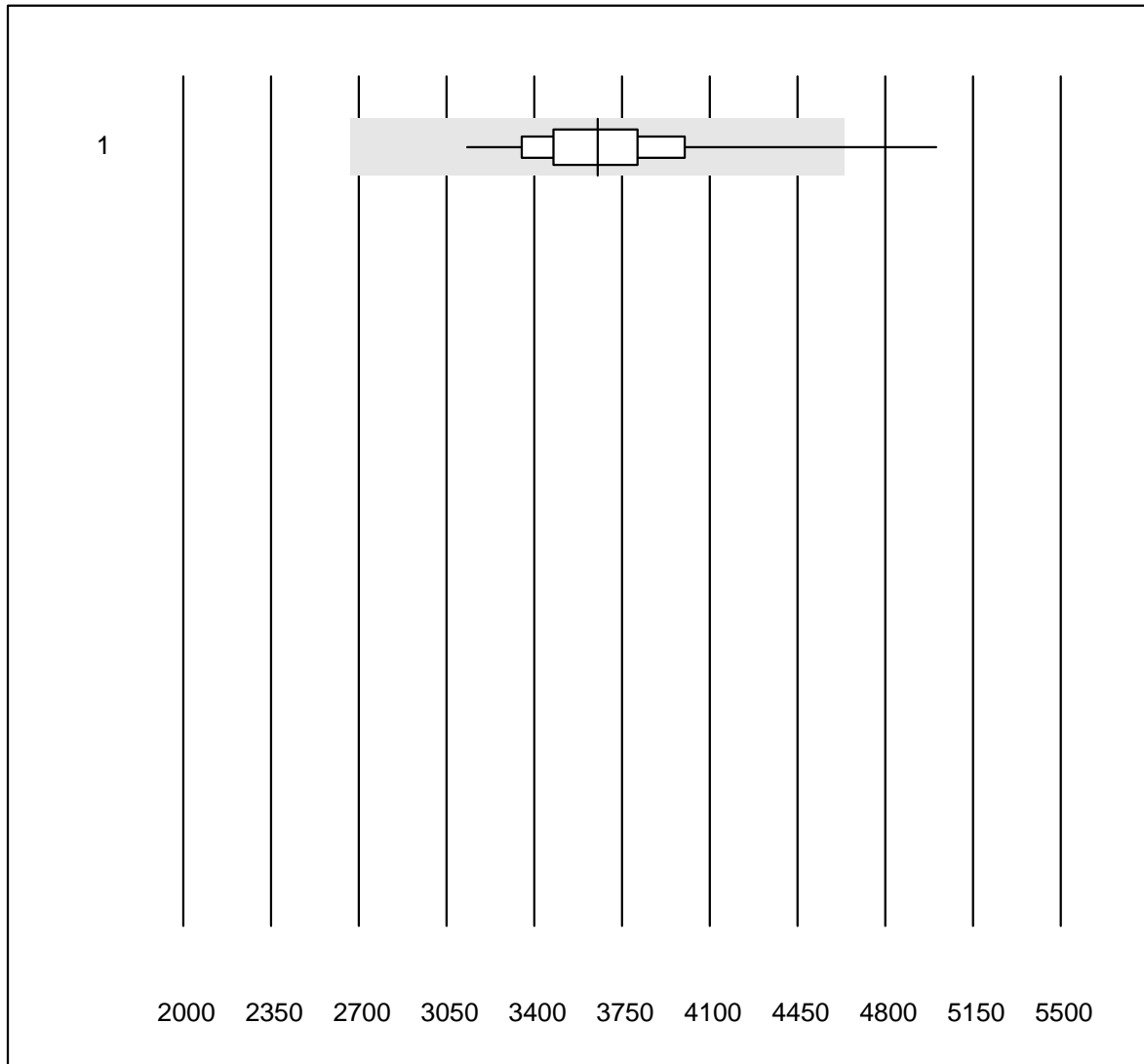


QUALAB Toleranz : 21 %

D-dimer qn S (mg/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 AFIAS	163	93.9	0.6	5.5	0.49	8.8	e

## NT-proBNP S

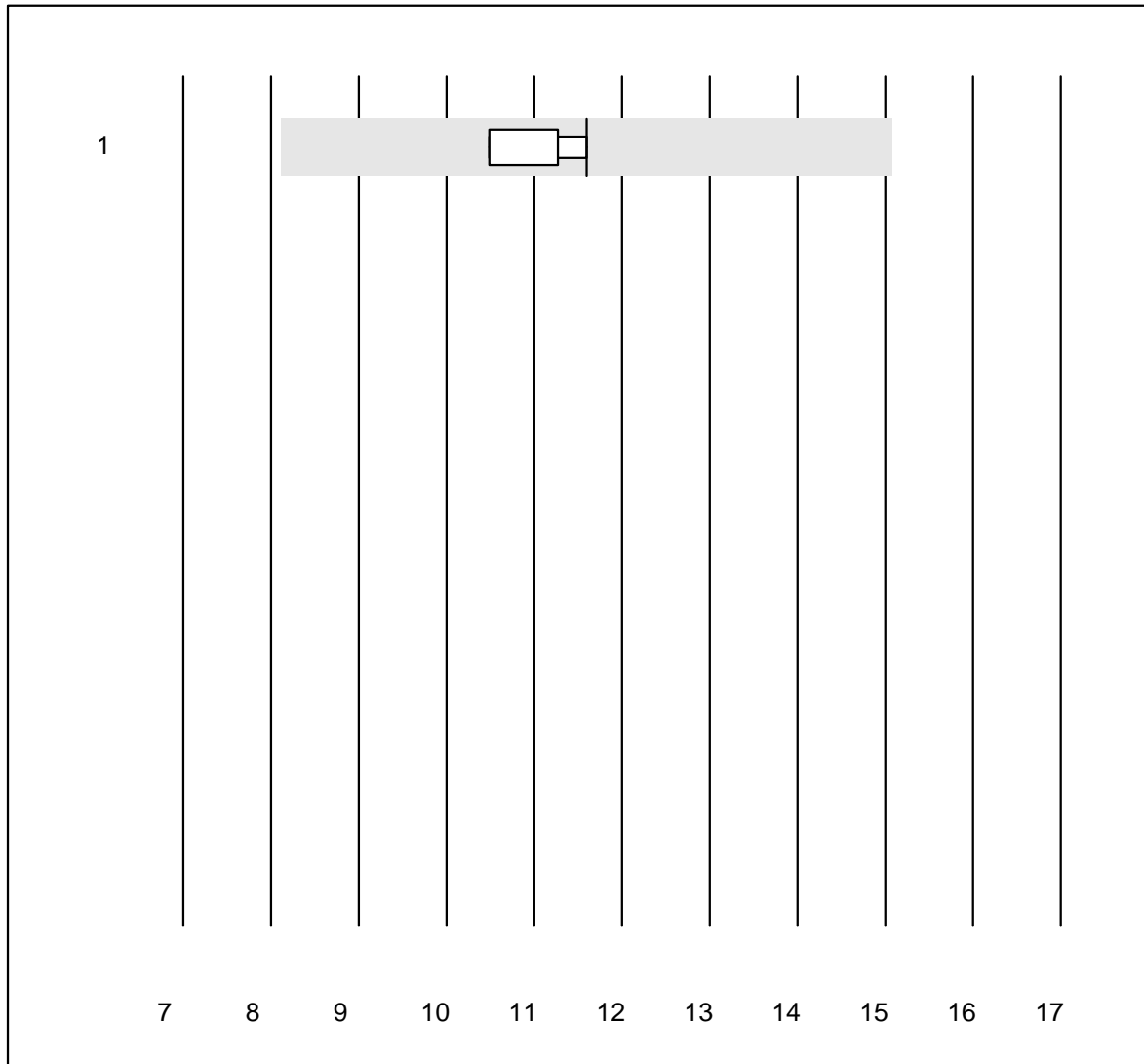


QUALAB Toleranz : 27 %

NT-proBNP S (ng/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 AFIAS	118	97.5	0.8	1.7	3653.1	7.5	e

# Homocystein

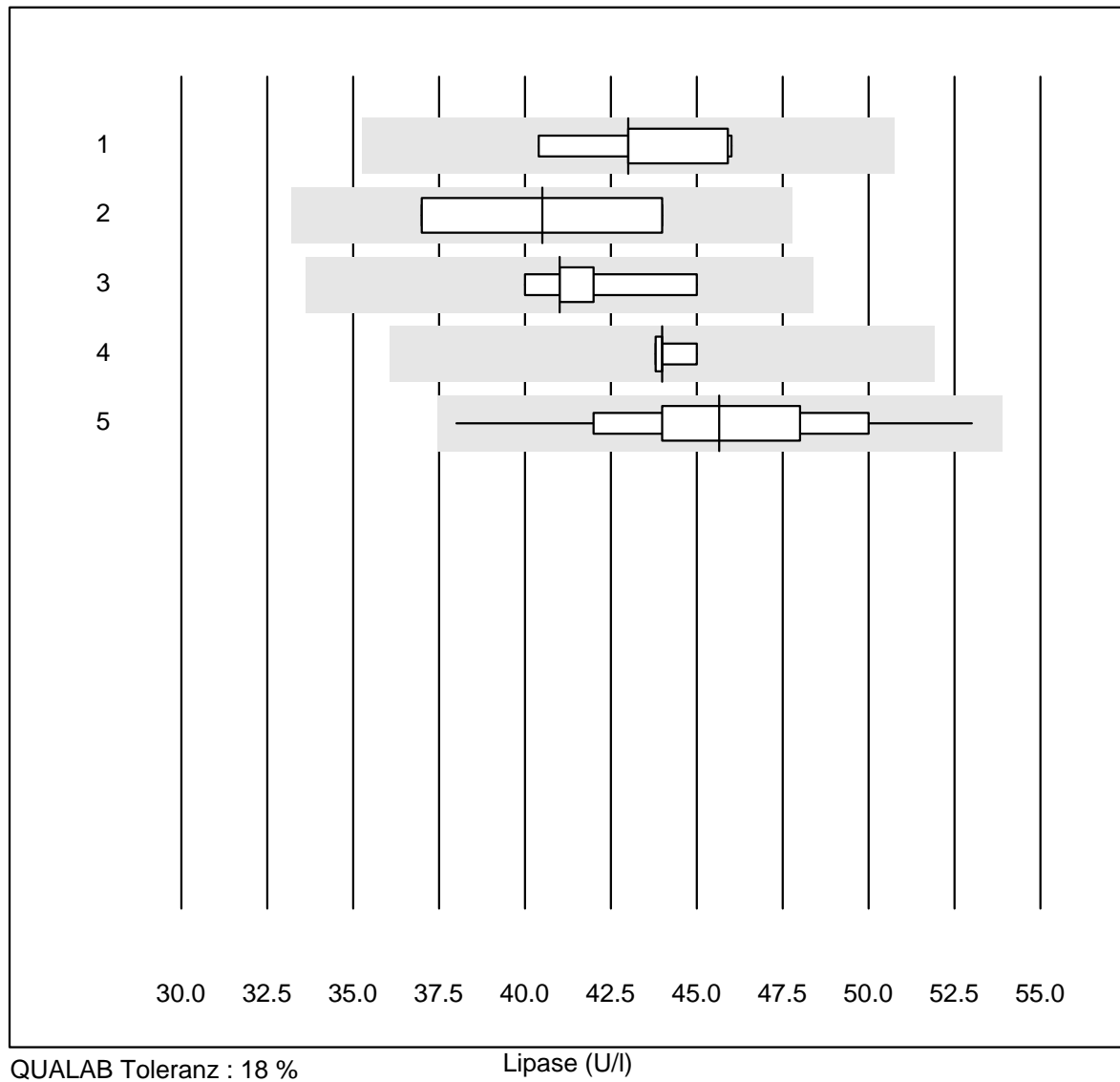


MQ tolerance : 30 %

Homocystein (µmol/l)

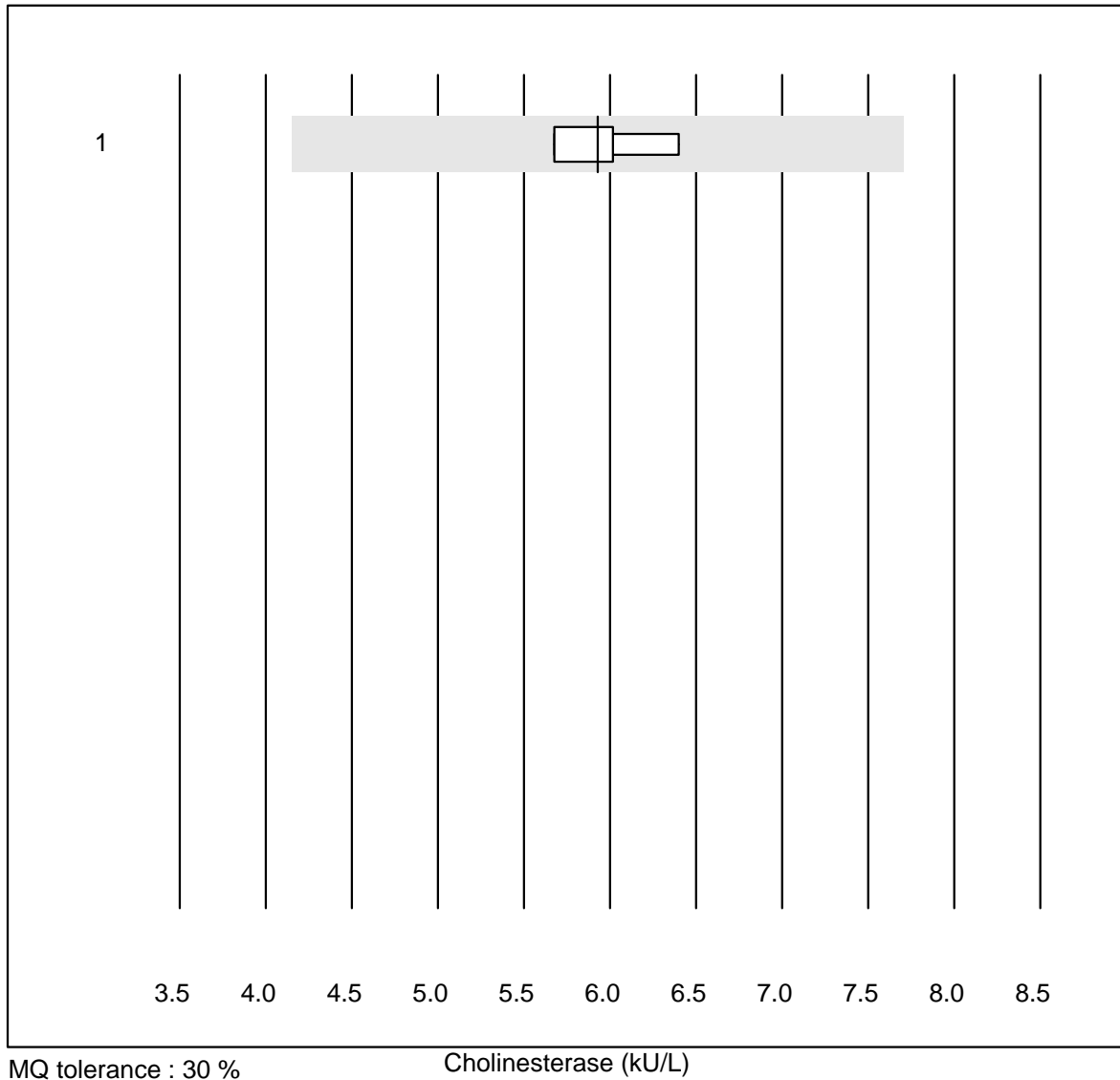
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	4	100.0	0.0	0.0	11.6	4.2	a

# Lipase



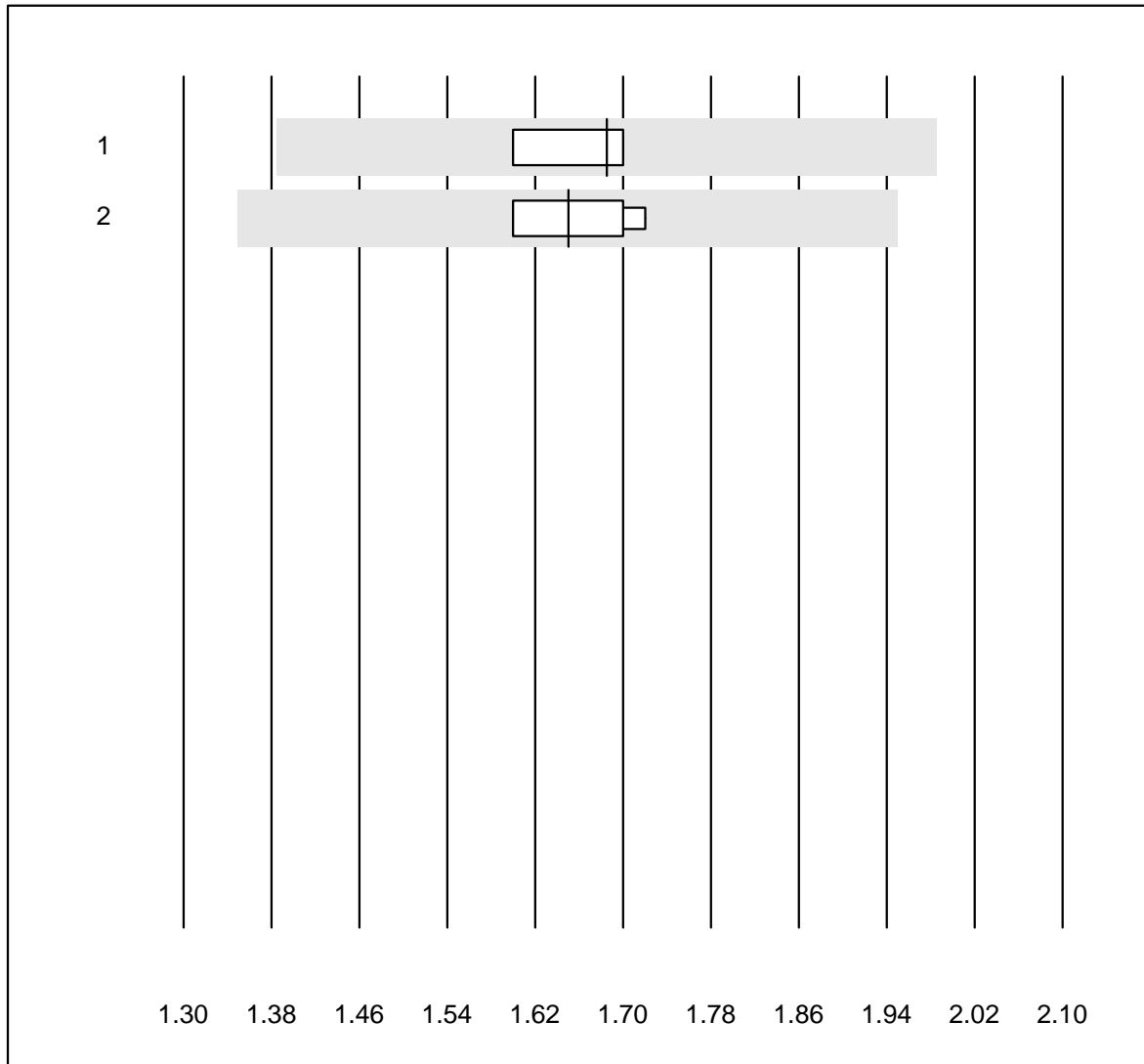
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Roche	7	85.7	0.0	14.3	43.0	4.9	e
2 Architect	6	100.0	0.0	0.0	40.5	7.8	e*
3 Beckman	9	100.0	0.0	0.0	41.0	3.9	e
4 Cobas	4	100.0	0.0	0.0	44.0	1.2	e
5 Fuji Dri-Chem	141	100.0	0.0	0.0	45.7	6.8	e

# Cholinesterase



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	4	100.0	0.0	0.0	5.9	5.2	e

## Glucose CSF

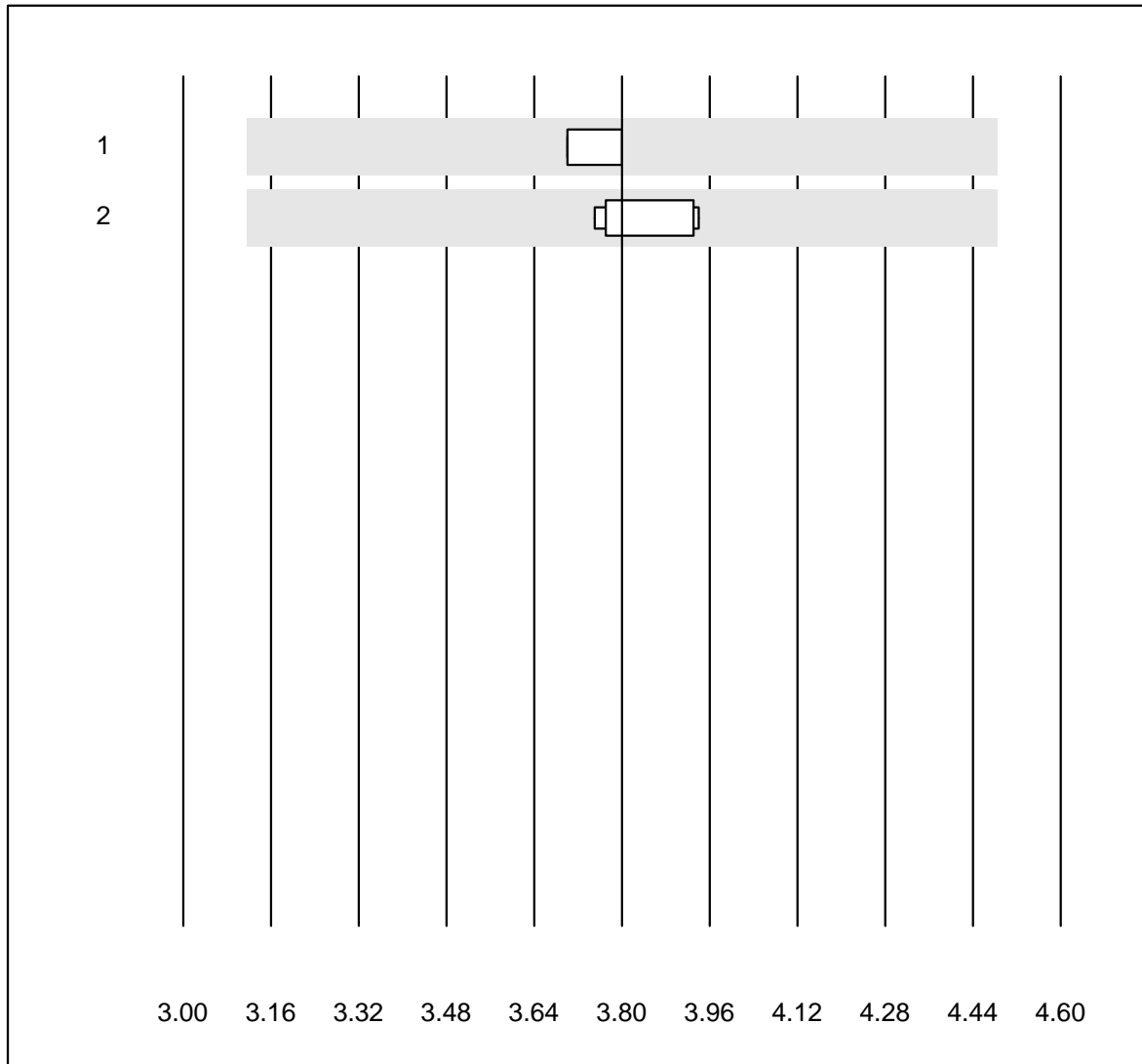


QUALAB Toleranz : 9 %  
( < 3.30: +/- 0.30 mmol/l)

Glucose CSF (mmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	4	100.0	0.0	0.0	1.69	2.8	e*
2 Other methods	8	100.0	0.0	0.0	1.65	3.4	e*

## Lactate CSF

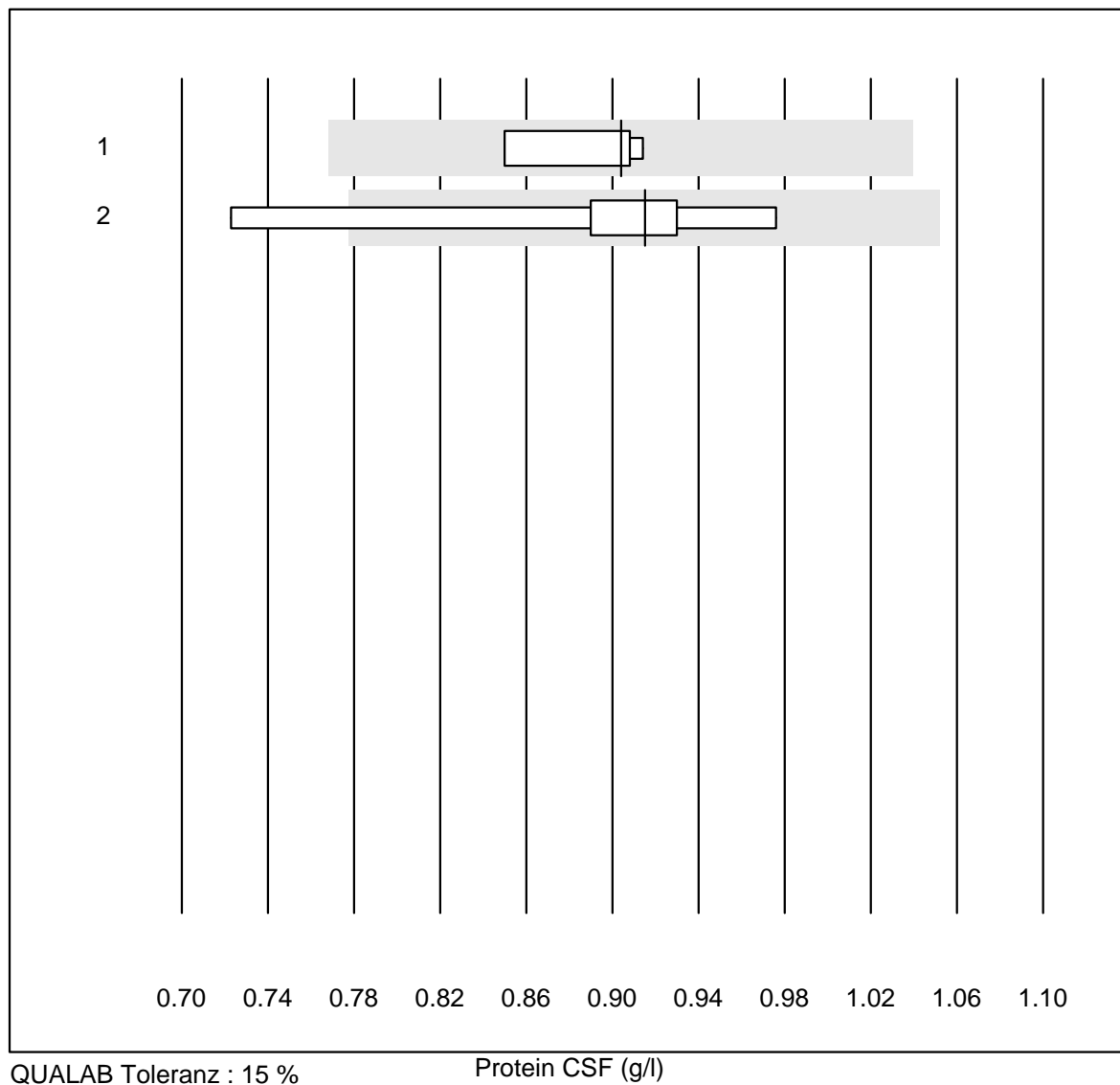


QUALAB Toleranz : 18 %

Lactate CSF (mmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	4	100.0	0.0	0.0	3.80	1.3	e
2 Other methods	6	100.0	0.0	0.0	3.80	2.1	e

## Protein CSF



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	4	100.0	0.0	0.0	0.90	3.3	e
2 Other methods	6	83.3	16.7	0.0	0.92	9.9	e*

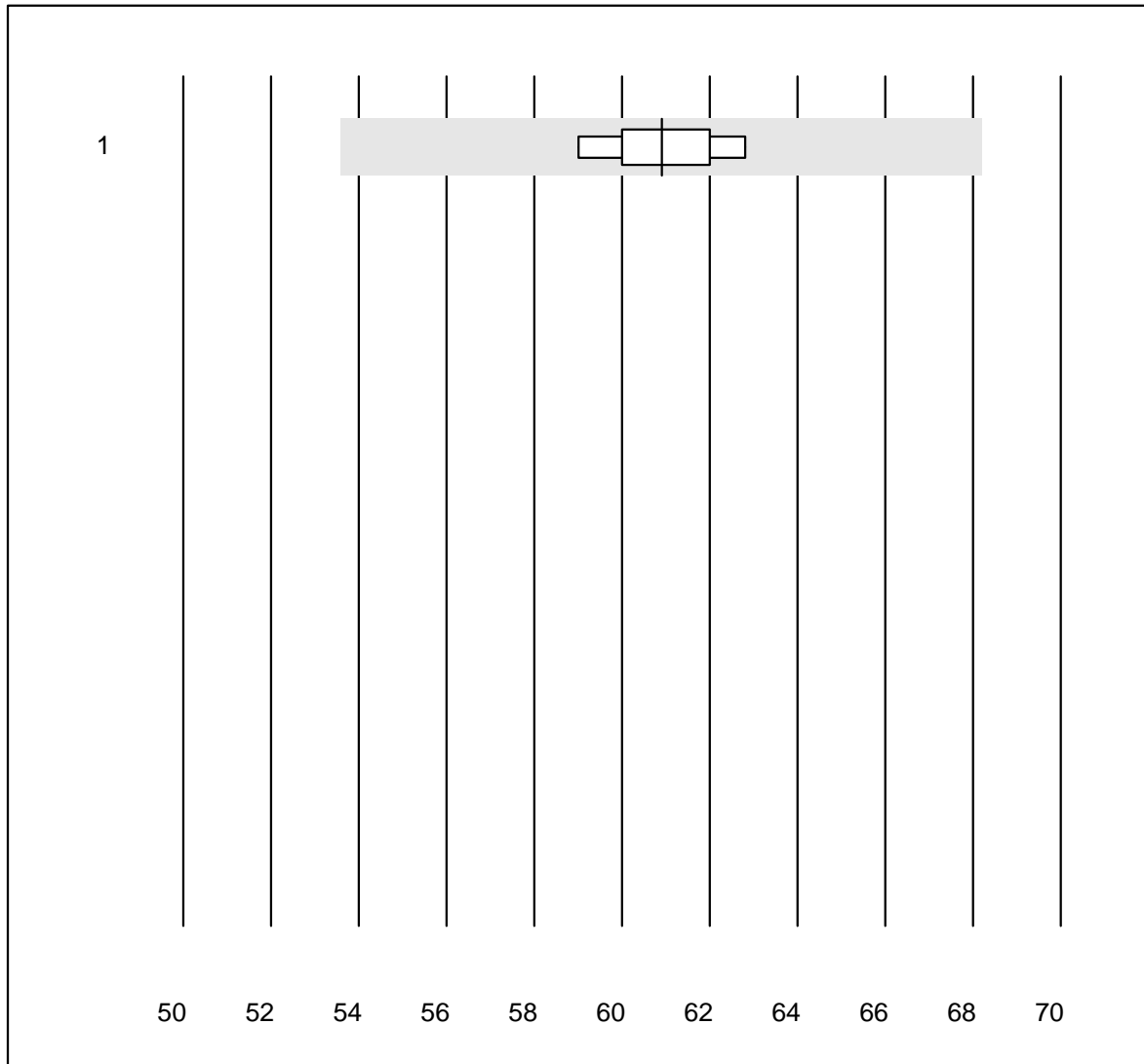


## Tacrolimus



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	8	100.0	0.0	0.0	15.7	4.2	e

## Totalprotein E

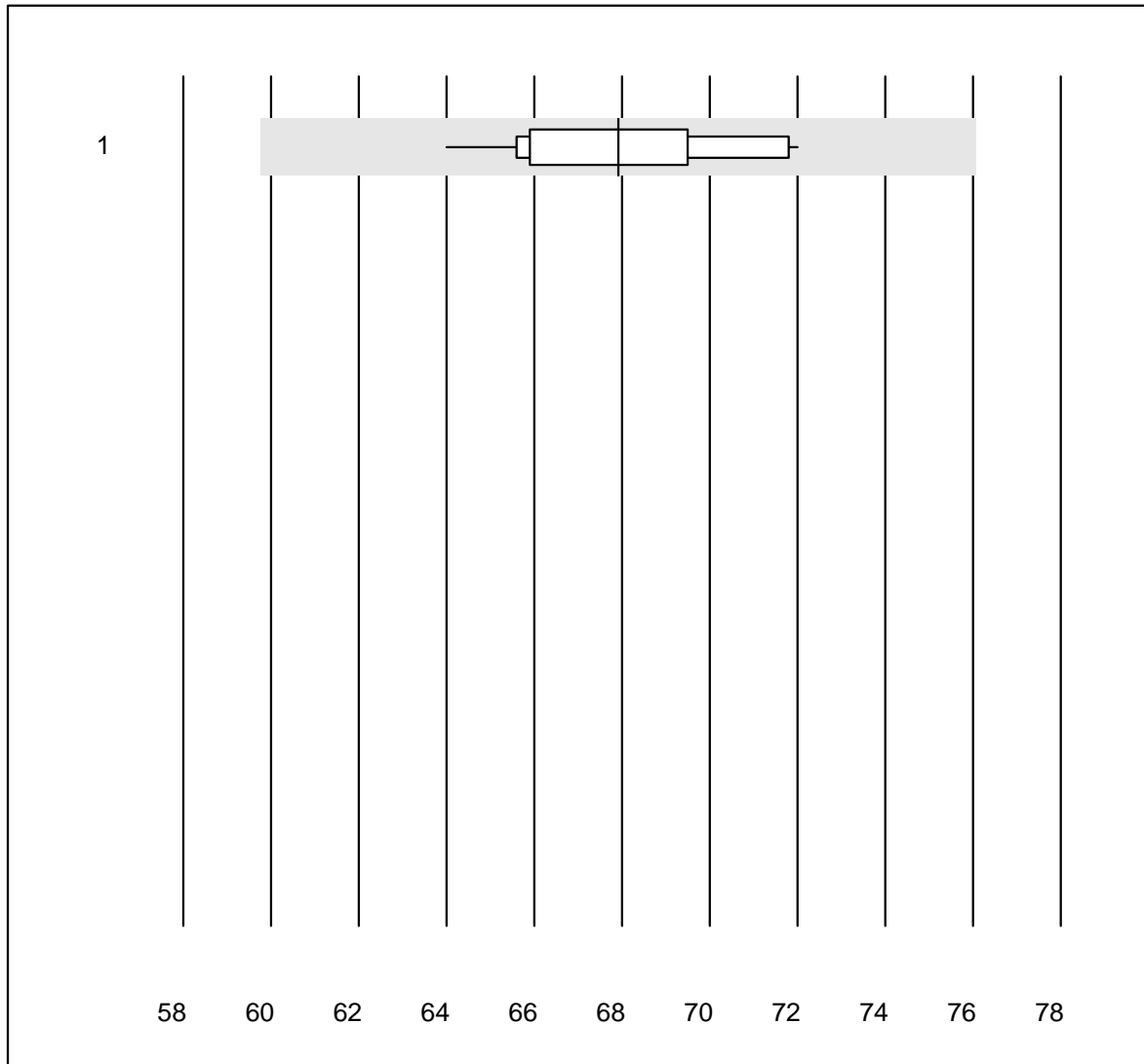


MQ tolerance : 12 %

Totalprotein E (g/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	6	100.0	0.0	0.0	60.9	2.2	e

## Albumin E

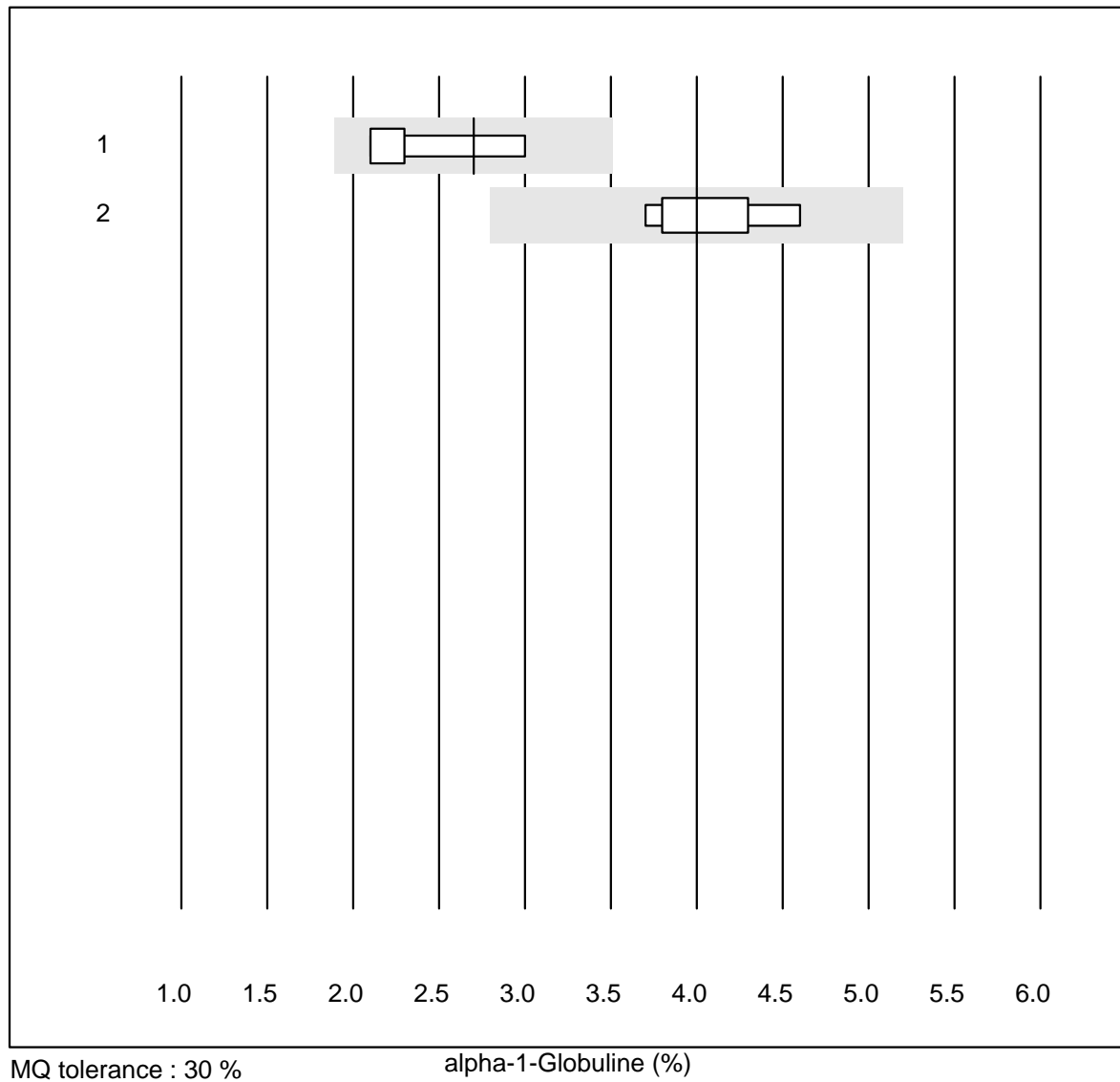


MQ tolerance : 12 %

Albumin E (%)

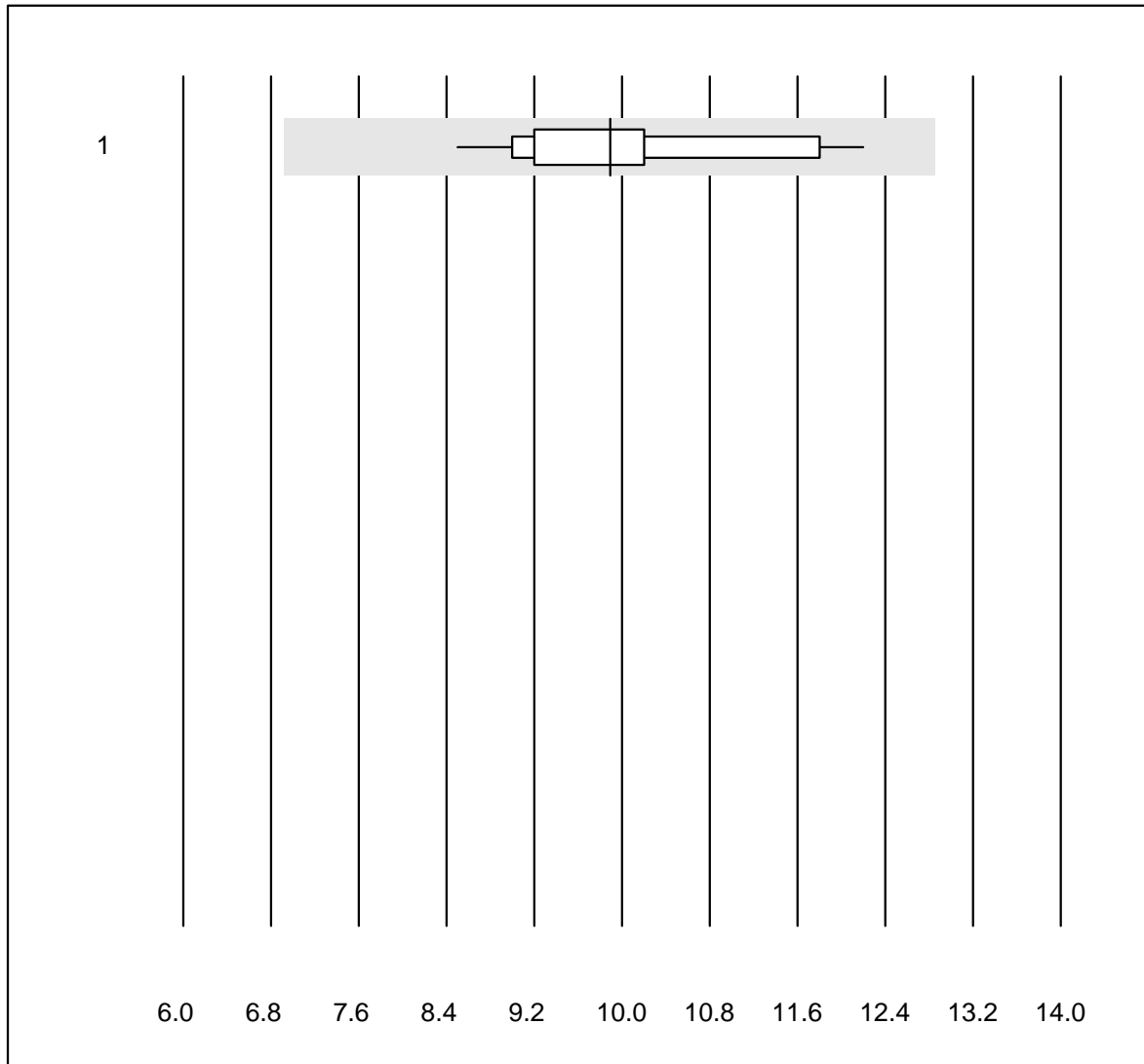
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Electrophoresis	11	100.0	0.0	0.0	67.9	3.6	e

## alpha-1-Globuline



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Electrophoresis	4	100.0	0.0	0.0	2.7	17.0	a
2	capillary electropho	7	100.0	0.0	0.0	4.0	7.6	e

## alpha-2-Globuline

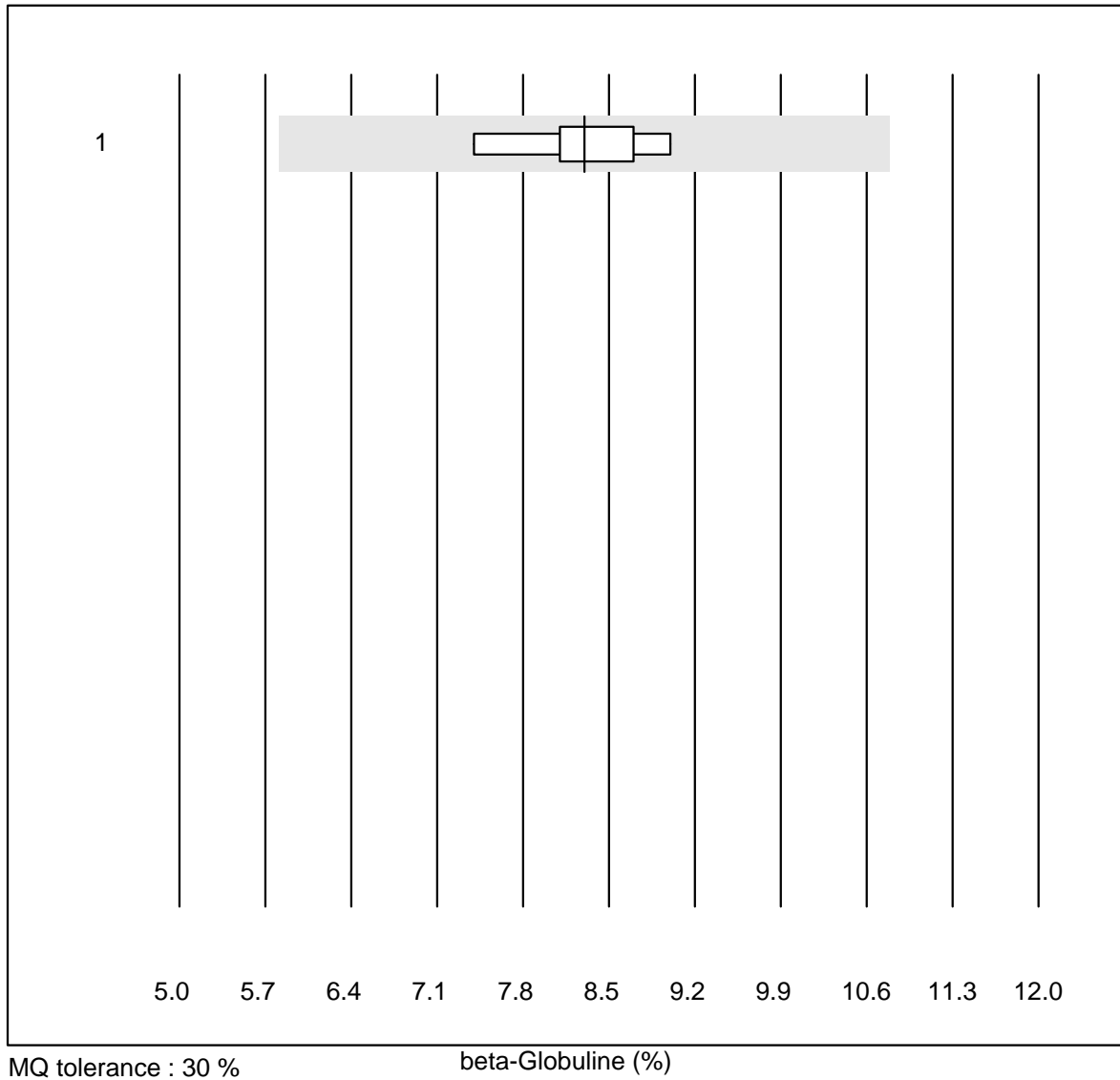


MQ tolerance : 30 %

alpha-2-Globuline (%)

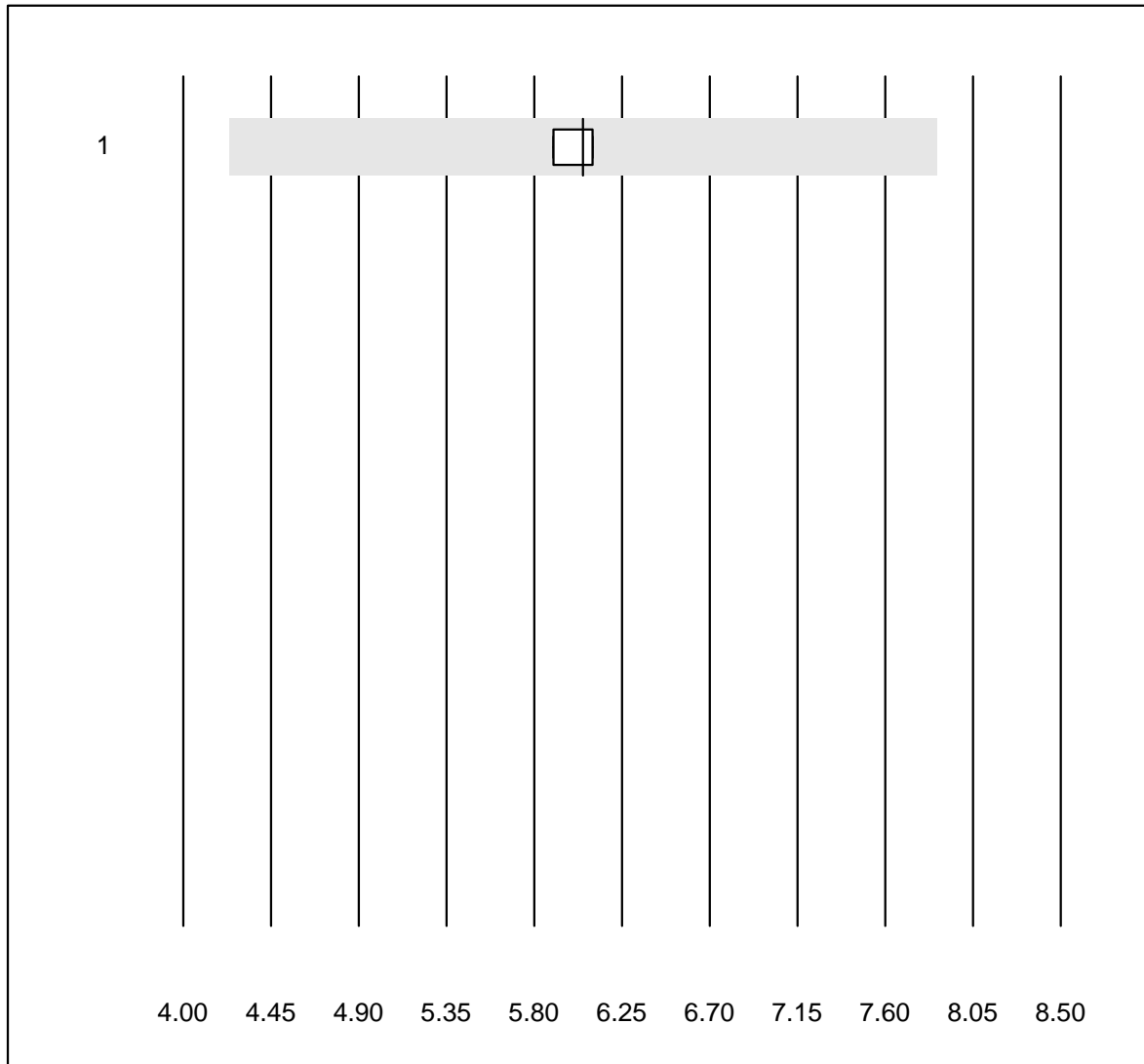
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Electrophoresis	11	100.0	0.0	0.0	9.9	11.6	e

## beta-Globuline



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Electrophoresis	9	100.0	0.0	0.0	8.3	5.8	e

## Beta-1-Globulin

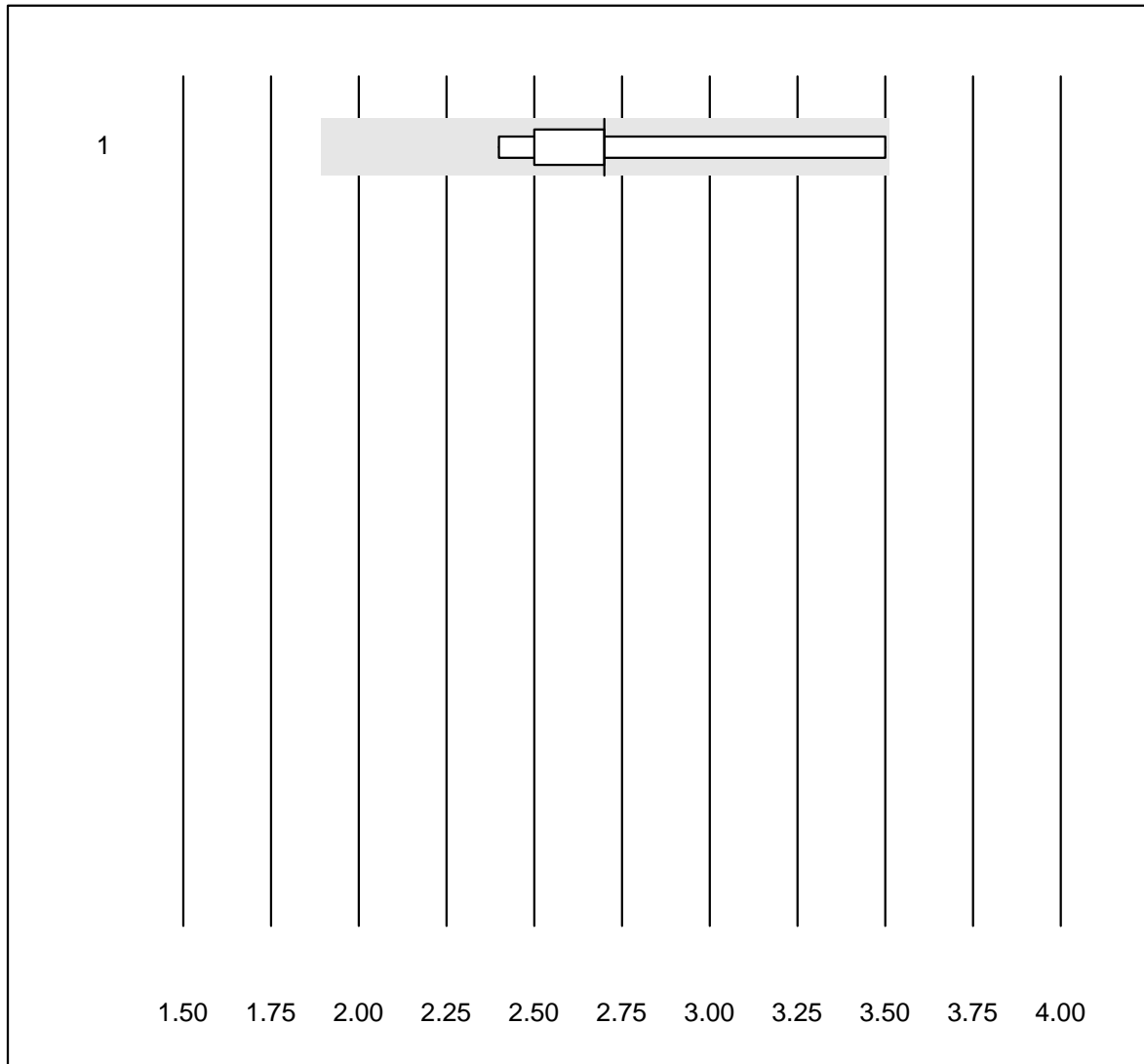


MQ tolerance : 30 %

Beta-1-Globulin (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Electrophoresis	4	100.0	0.0	0.0	6.1	1.6	e

## Beta-2-Globulin



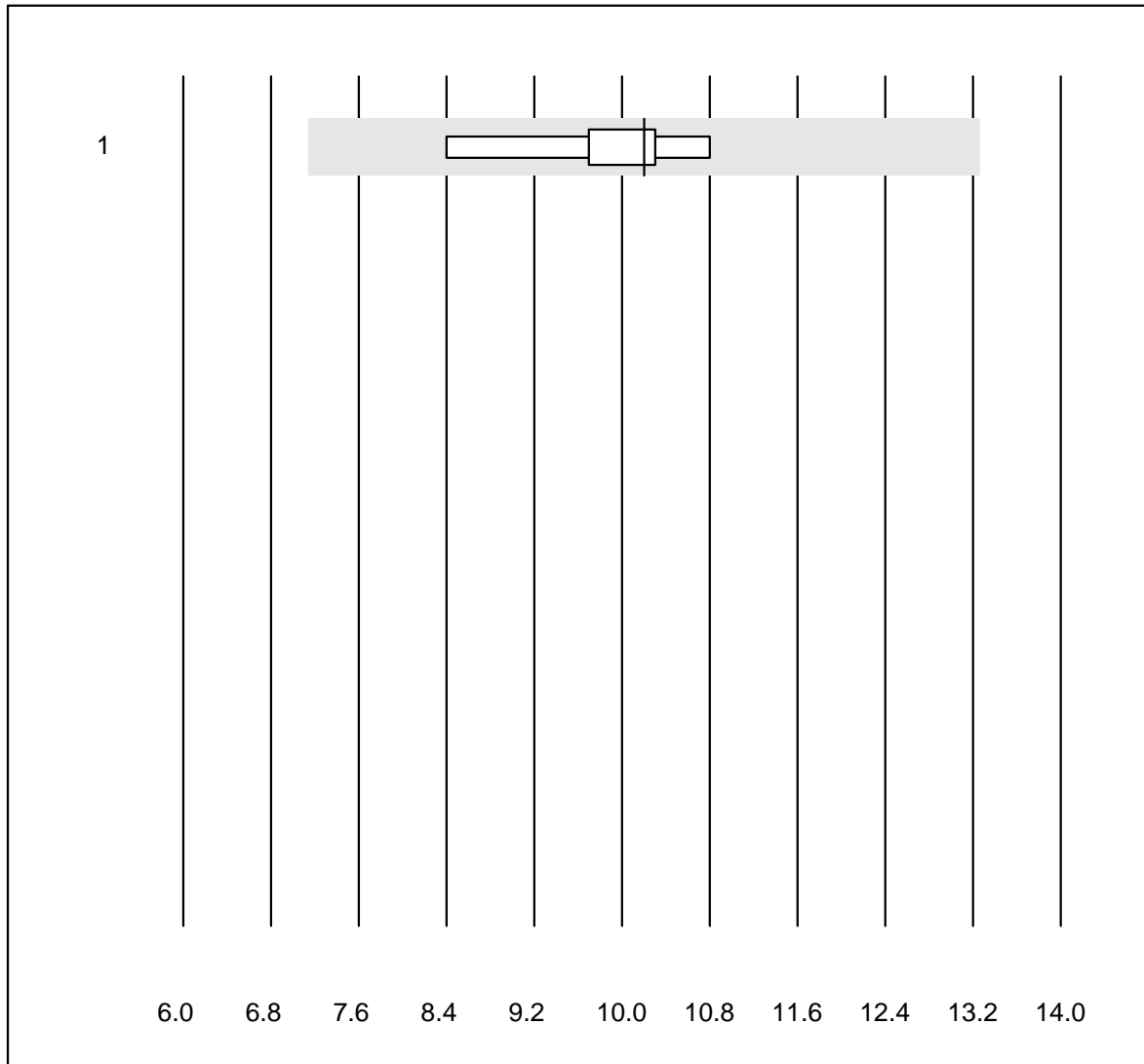
MQ tolerance : 30 %

Beta-2-Globulin (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Electrophoresis	5	100.0	0.0	0.0	2.7	15.7	e*



## gamma-Globuline

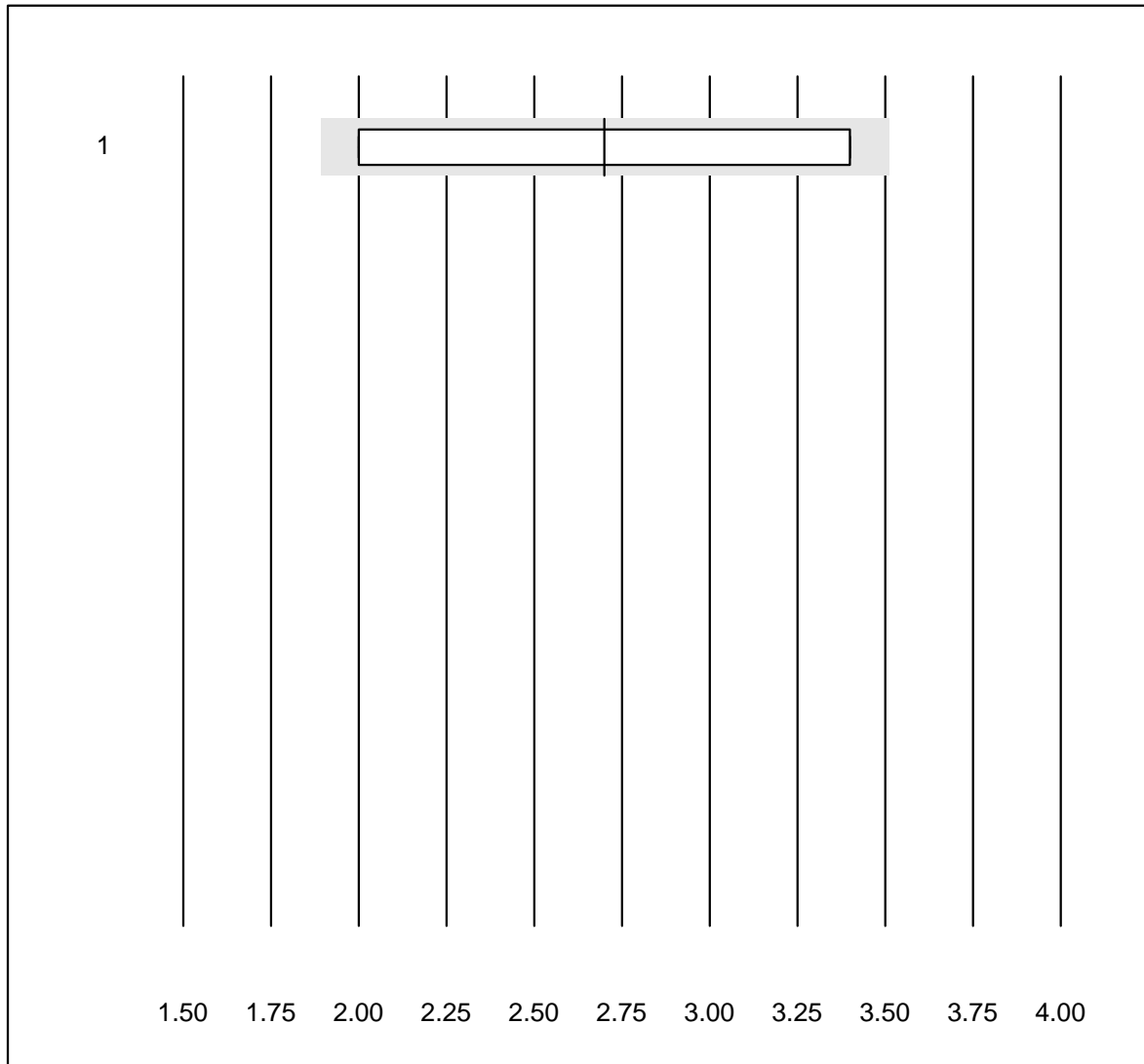


MQ tolerance : 30 %

gamma-Globuline (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Electrophoresis	8	100.0	0.0	0.0	10.2	7.3	e

## Paraprotein

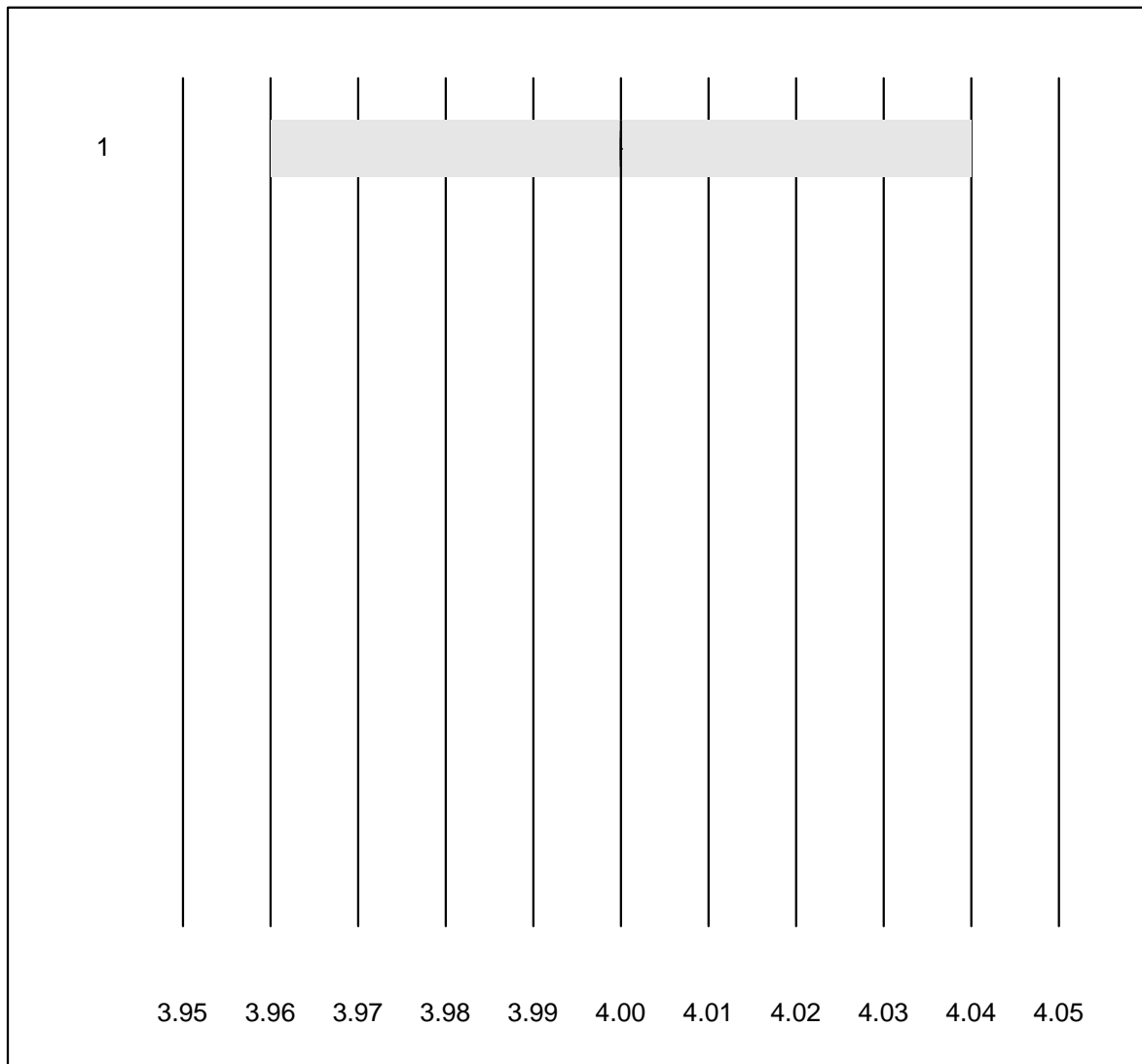


MQ tolerance : 30 %

Paraprotein (%)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Electrophoresis	4	75.0	0.0	25.0	2.7	32.8	e*

## Immunfixation

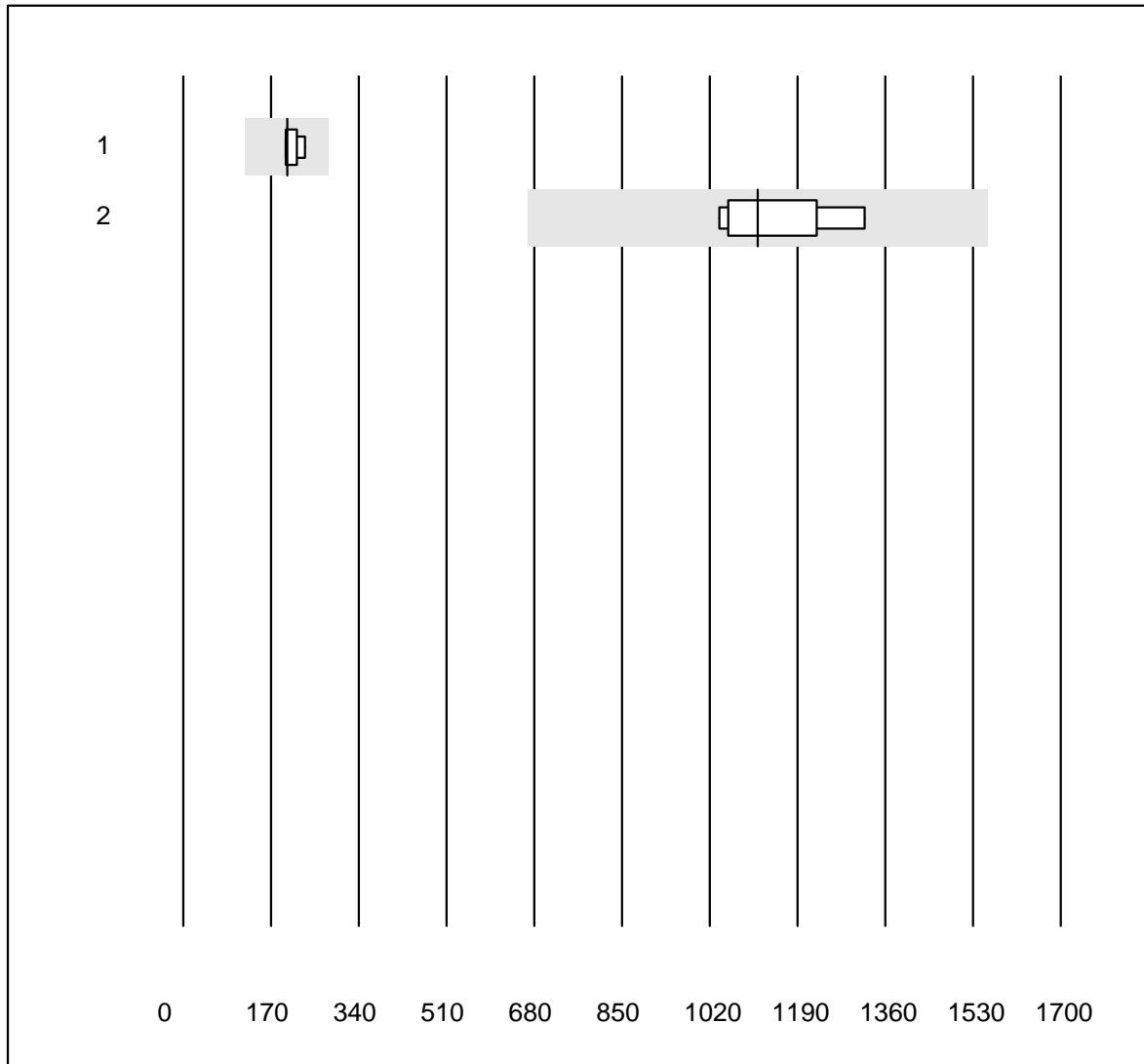


MQ tolerance : 1 %

Immunfixation (Code)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Interpretation	8	100.0	0.0	0.0	4	0.0	e

## Folate in Erythrocytes

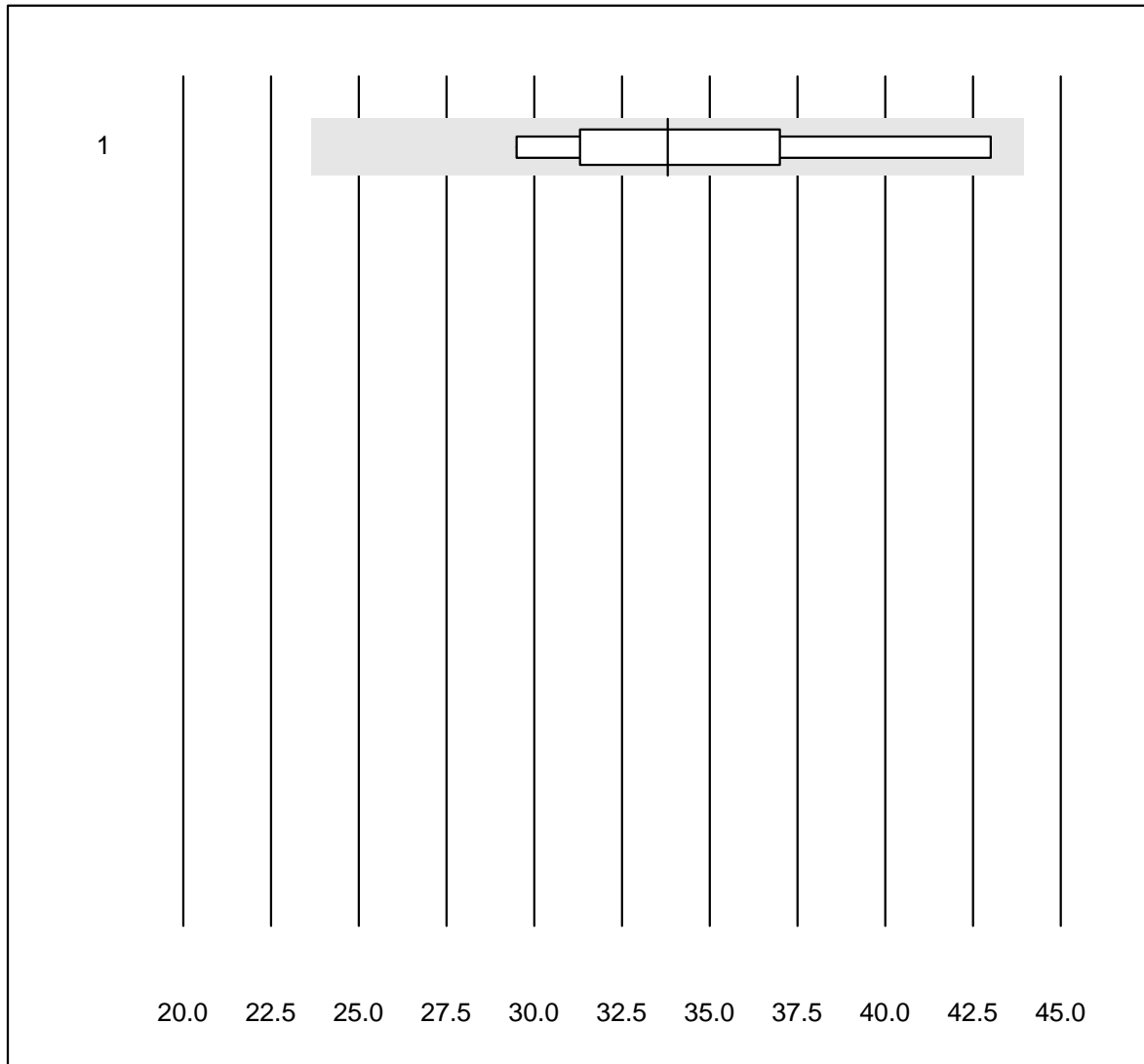


MQ tolerance : 40 %

Folate in Erythrocytes (nmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Architect	7	85.7	0.0	14.3	201	7.6	e
2	Cobas	8	100.0	0.0	0.0	1112	9.6	e

# Gallensäure

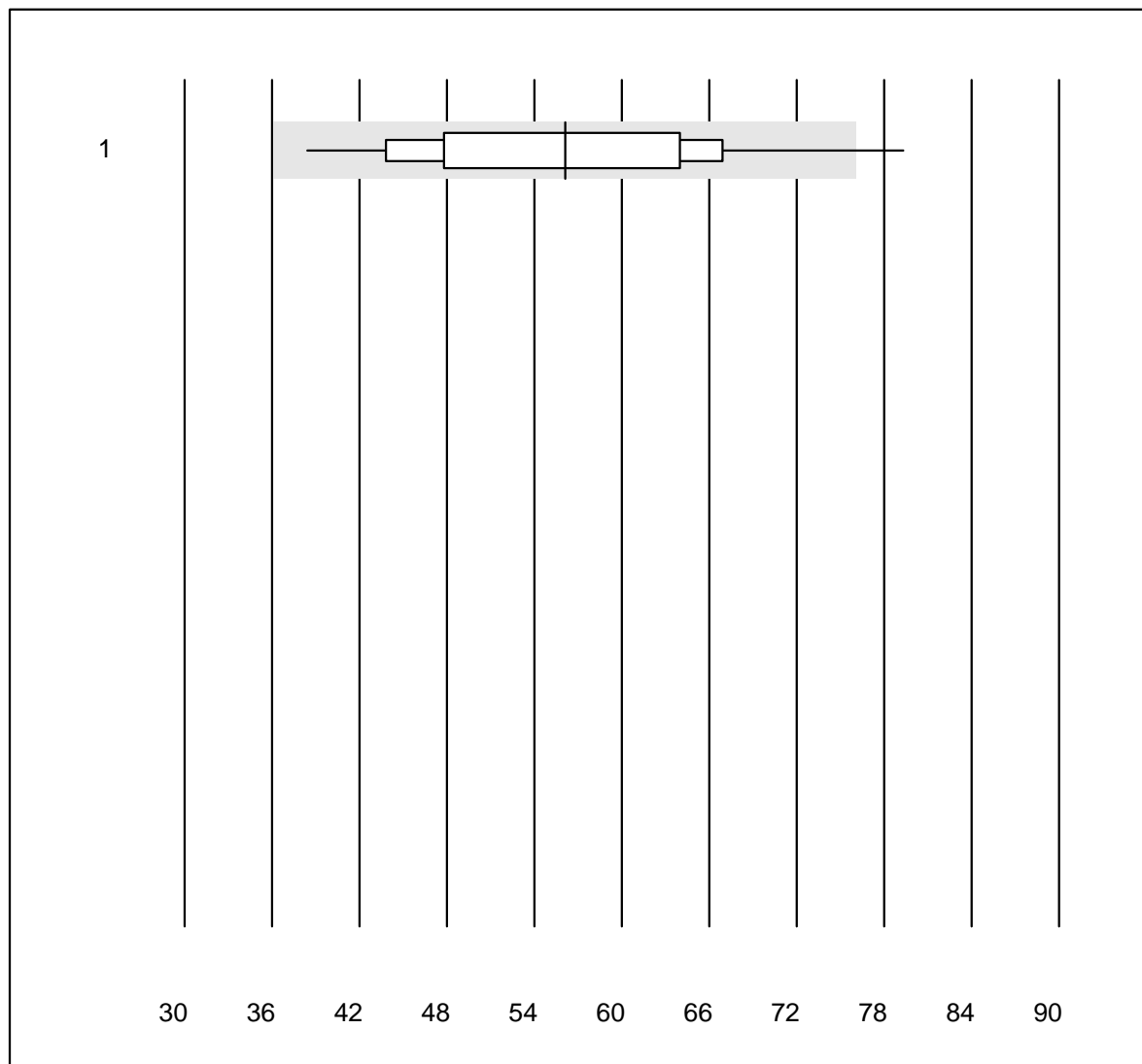


MQ tolerance : 30 %

Gallensäure (µmol/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 all Participants	9	100.0	0.0	0.0	33.8	12.7	e*

# BNP

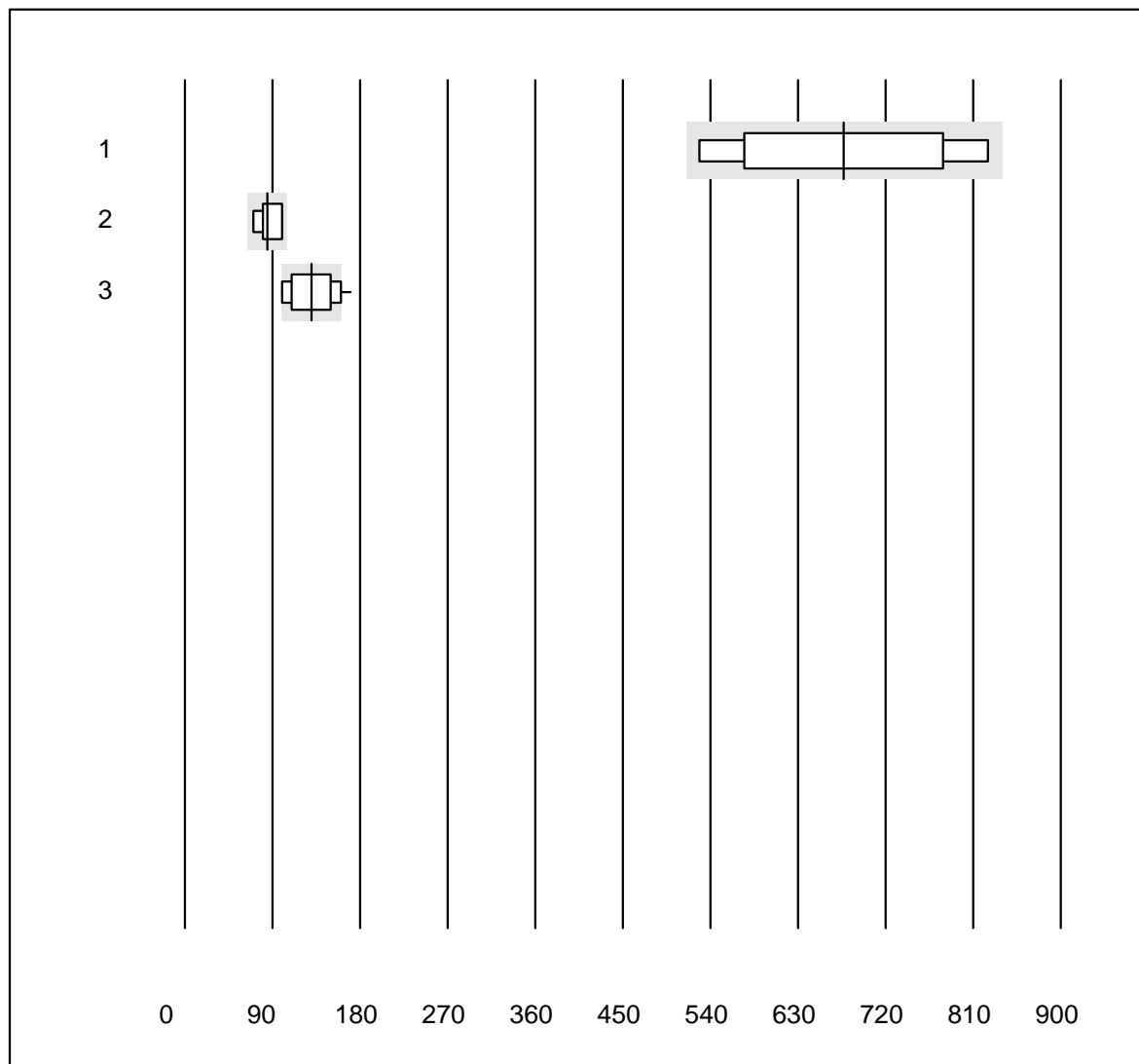


QUALAB Toleranz : 27 %  
 (< 75.0: +/- 20.0 ng/l)

BNP (ng/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Triage	19	94.7	5.3	0.0	56.1	18.2	e*

## Troponin Triage

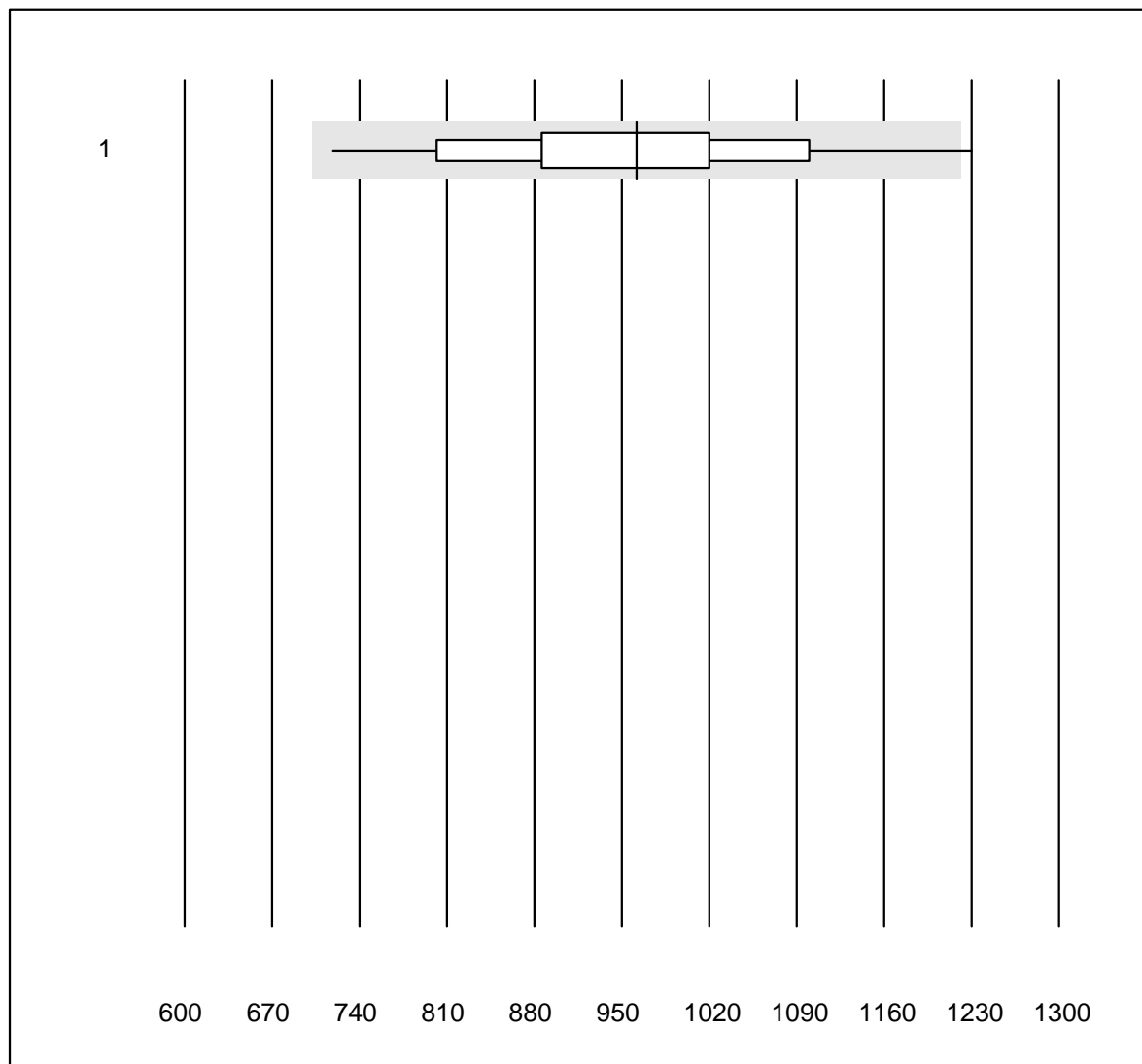


QUALAB Toleranz : 24 %

Troponin Triage (ng/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Triage high sensitiv	5	100.0	0.0	0.0	677.25	19.3	a
2	Triage SOB/Cardiac	8	87.5	0.0	12.5	85.00	12.8	e*
3	Triage Next Gen	19	78.9	5.3	15.8	130.00	18.1	e*

## NT-pro BNP



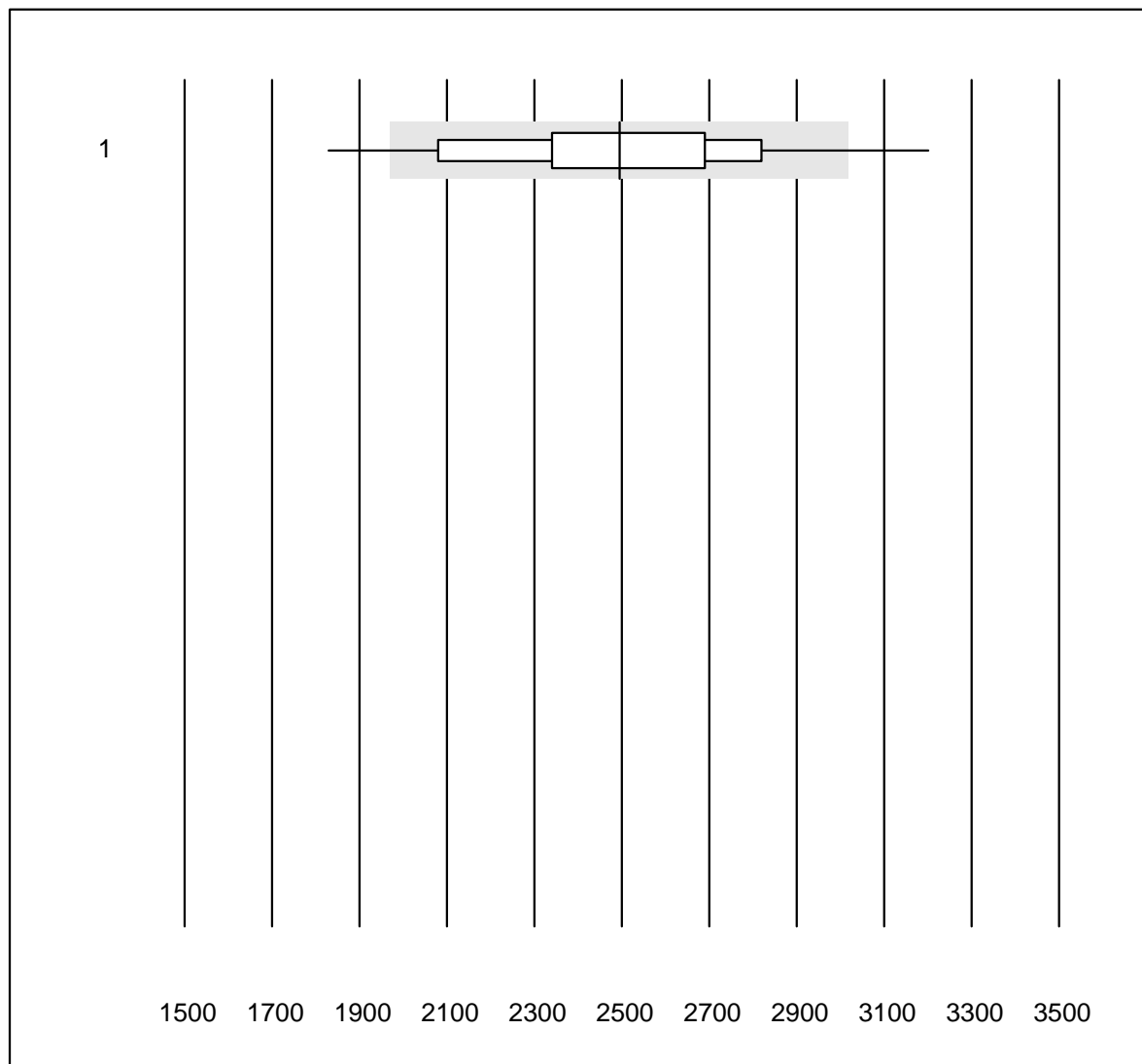
QUALAB Toleranz : 27 %

NT-pro BNP (ng/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Triage	12	83.4	8.3	8.3	962	14.3	e*



## D-dimer Triage

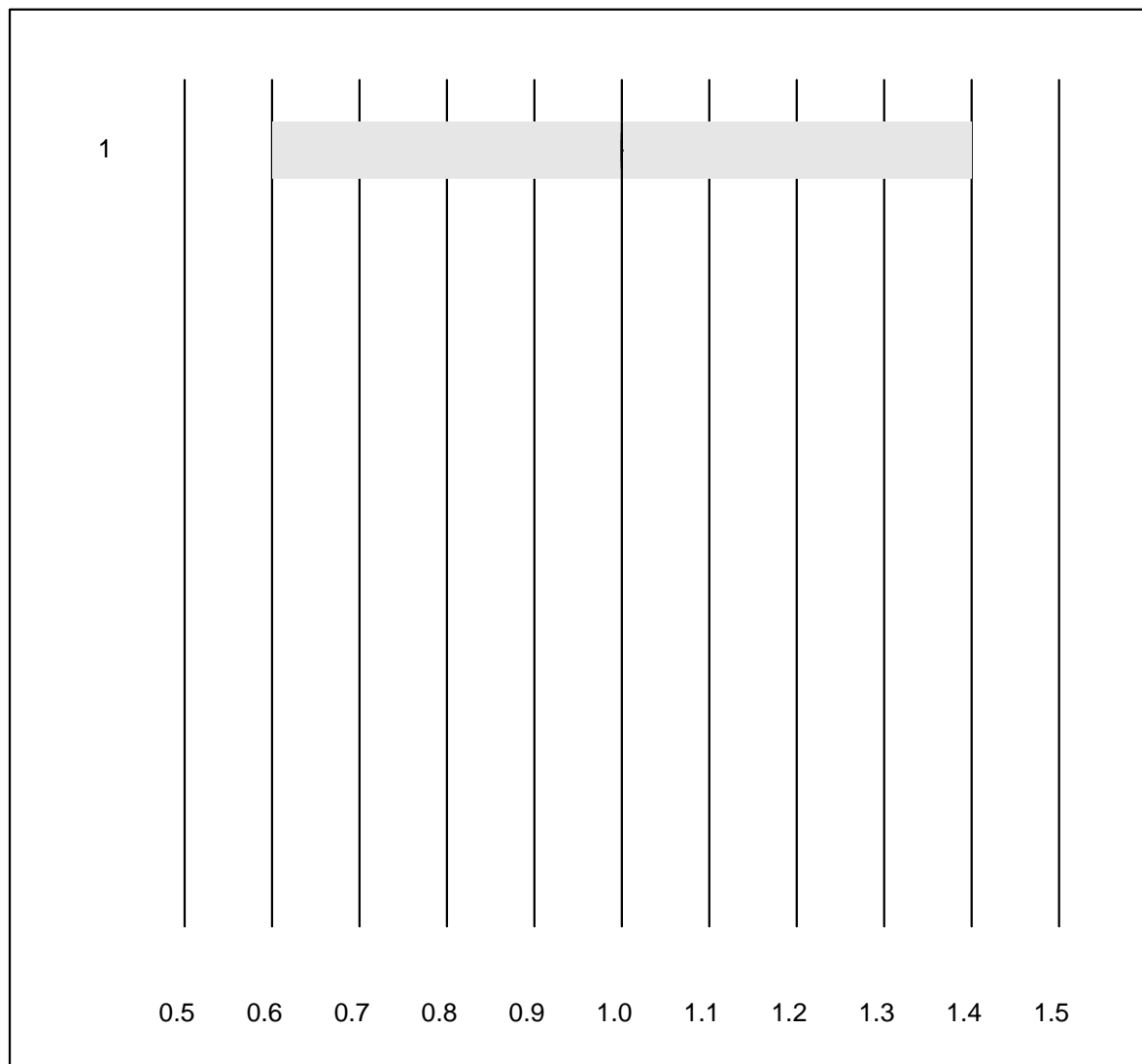


QUALAB Toleranz : 21 %

D-dimer Triage (ng/ml)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Triage	32	90.6	9.4	0.0	2494.22	12.2	e

### CK-MB Triage

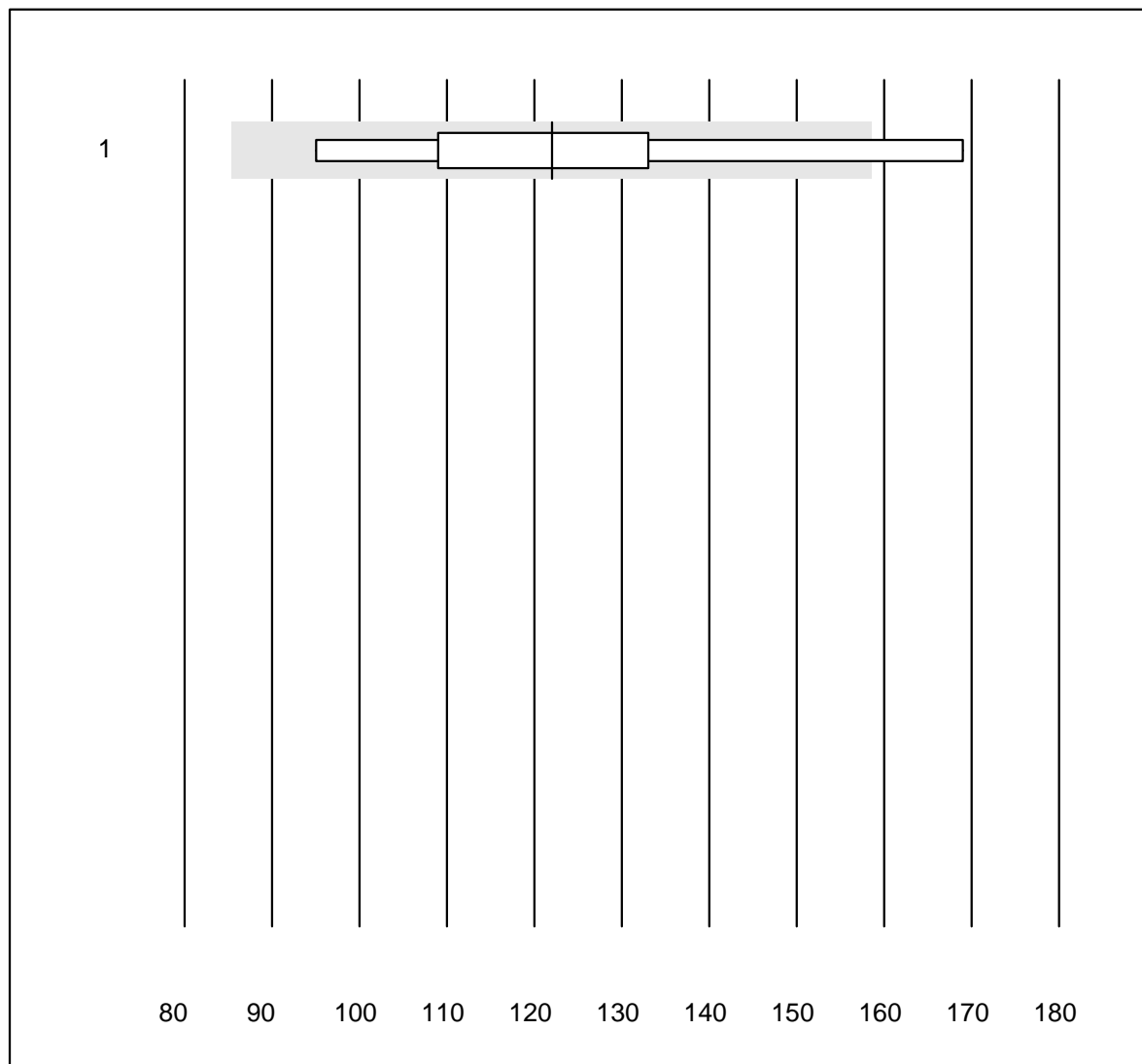


MQ tolerance : 40 %

CK-MB Triage (µg/l)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Triage	7	100.0	0.0	0.0	1.0	0.0	e

## Myoglobin Triage

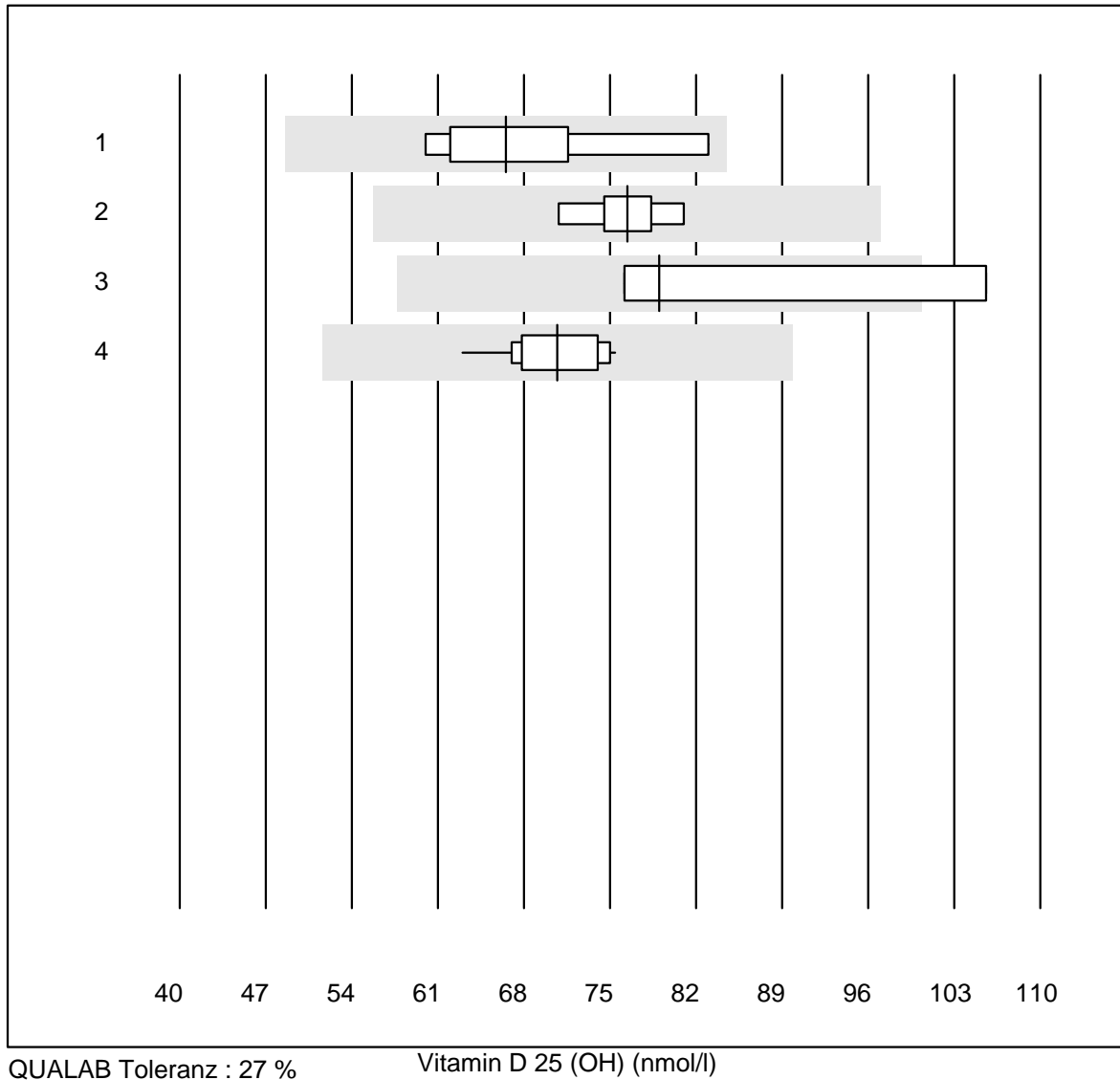


QUALAB Toleranz : 30 %

Myoglobin Triage (µg/l)

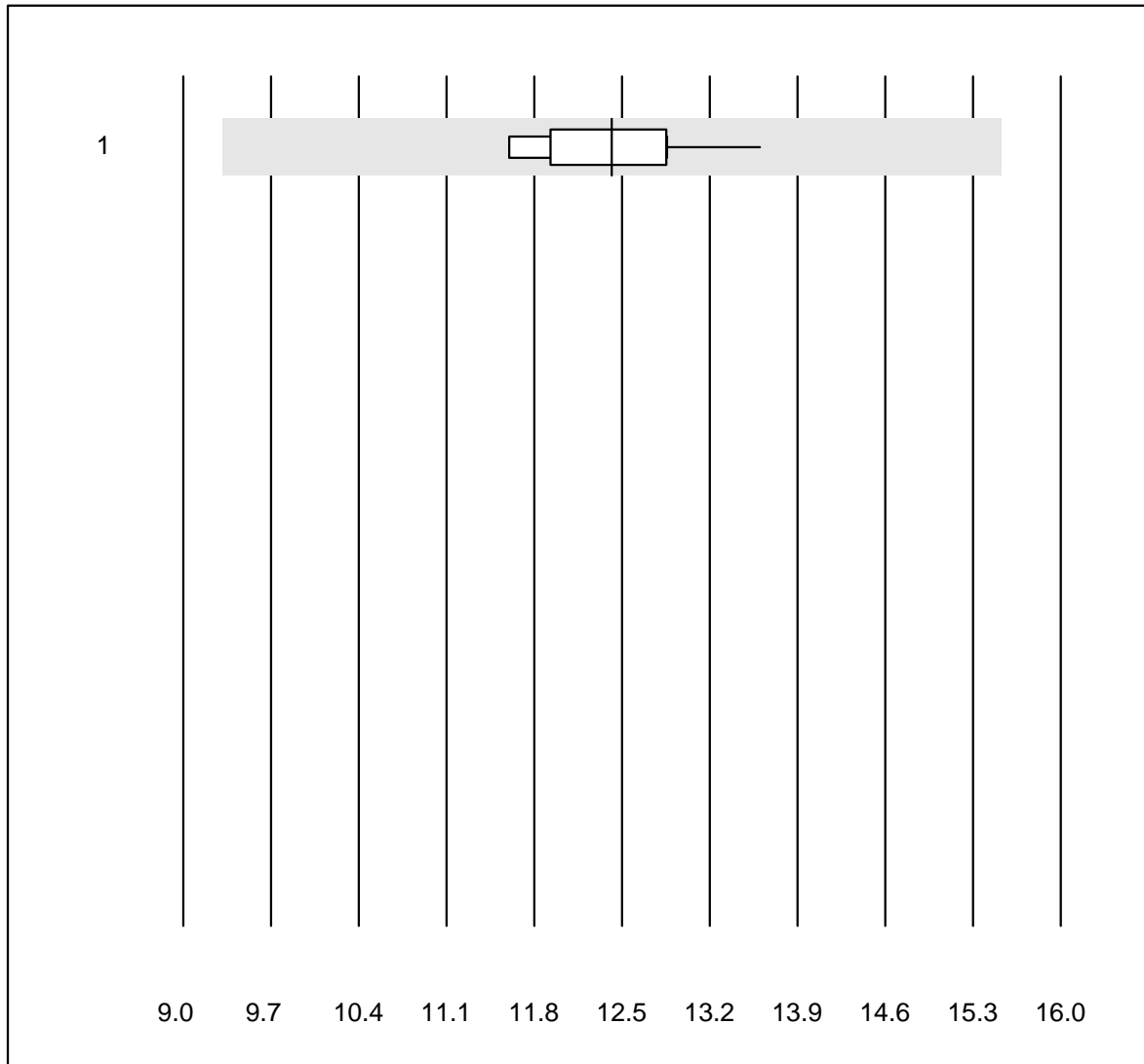
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Triage	7	85.7	14.3	0.0	122.0	19.4	a

## Vitamin D 25 (OH)



Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	8	100.0	0.0	0.0	66.5	11.4	e*
2 VIDAS	6	100.0	0.0	0.0	76.4	4.6	e
3 Other methods	4	50.0	25.0	25.0	79.0	17.7	a
4 Architect	11	100.0	0.0	0.0	70.7	5.4	e

# AMH

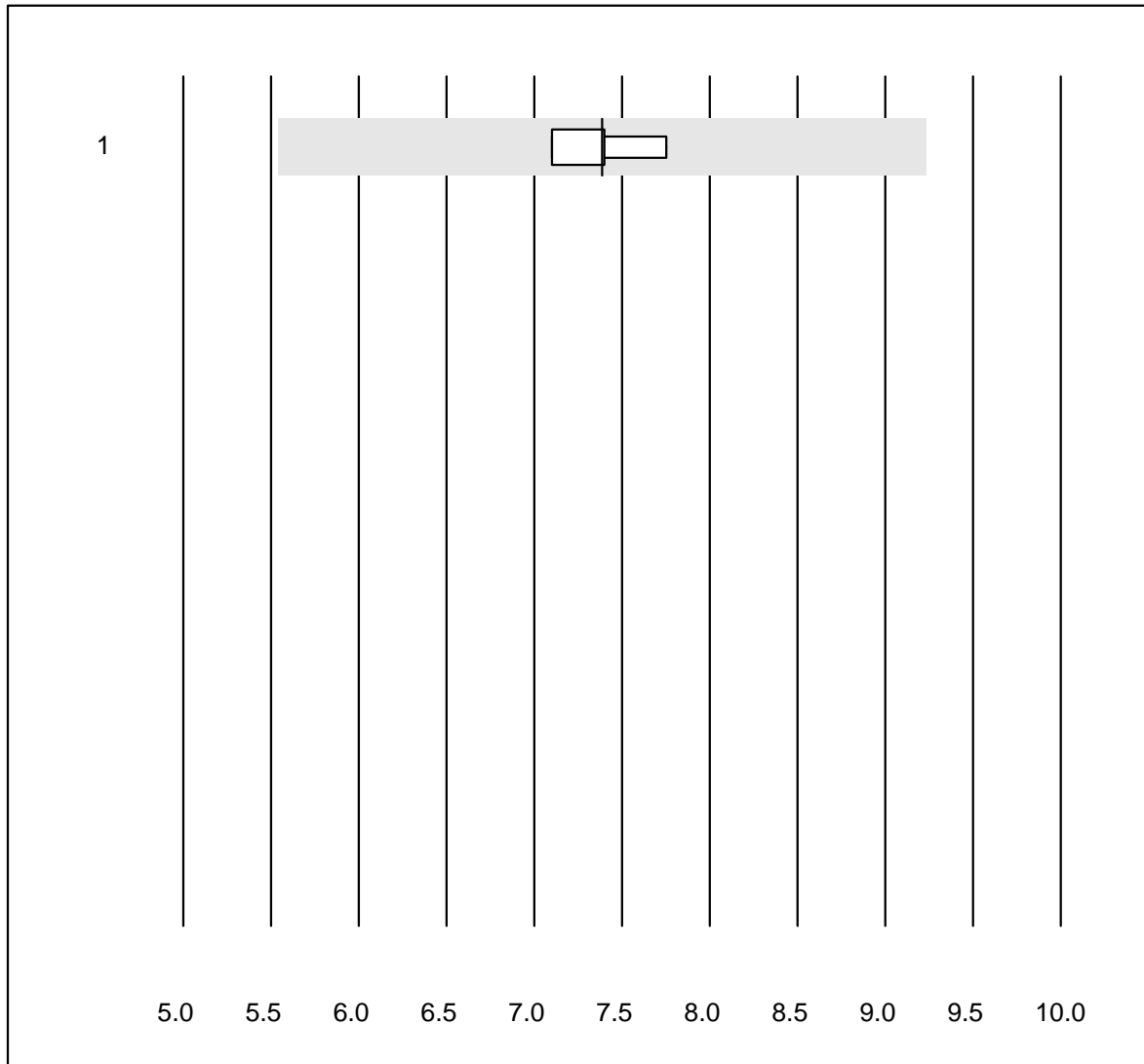


MQ tolerance : 25 %

AMH (pmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	10	100.0	0.0	0.0	12.4	5.0	e

# Calcitonin

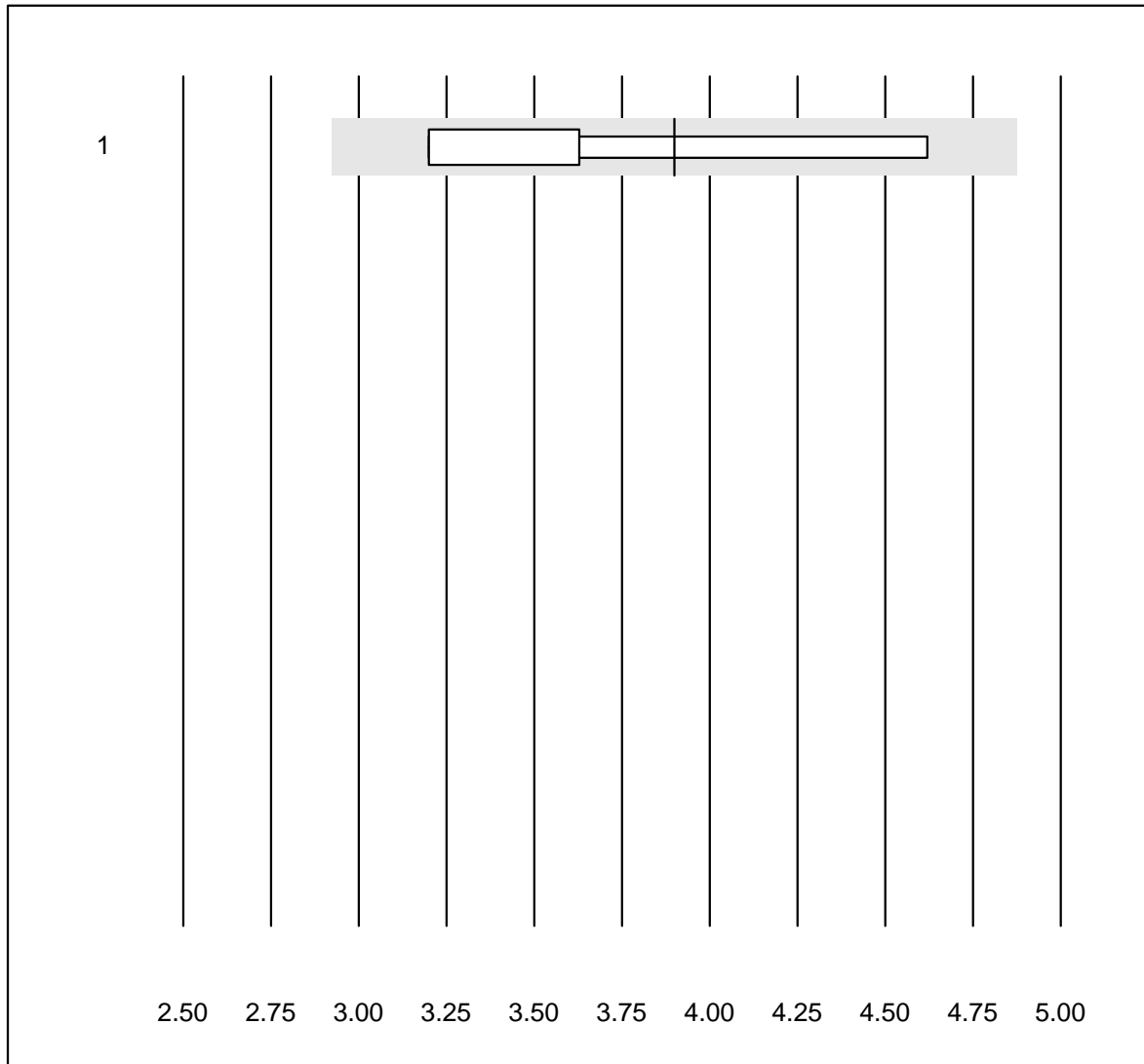


MQ tolerance : 25 %

Calcitonin (pmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	4	100.0	0.0	0.0	7.4	3.6	e

# IGF-BP3

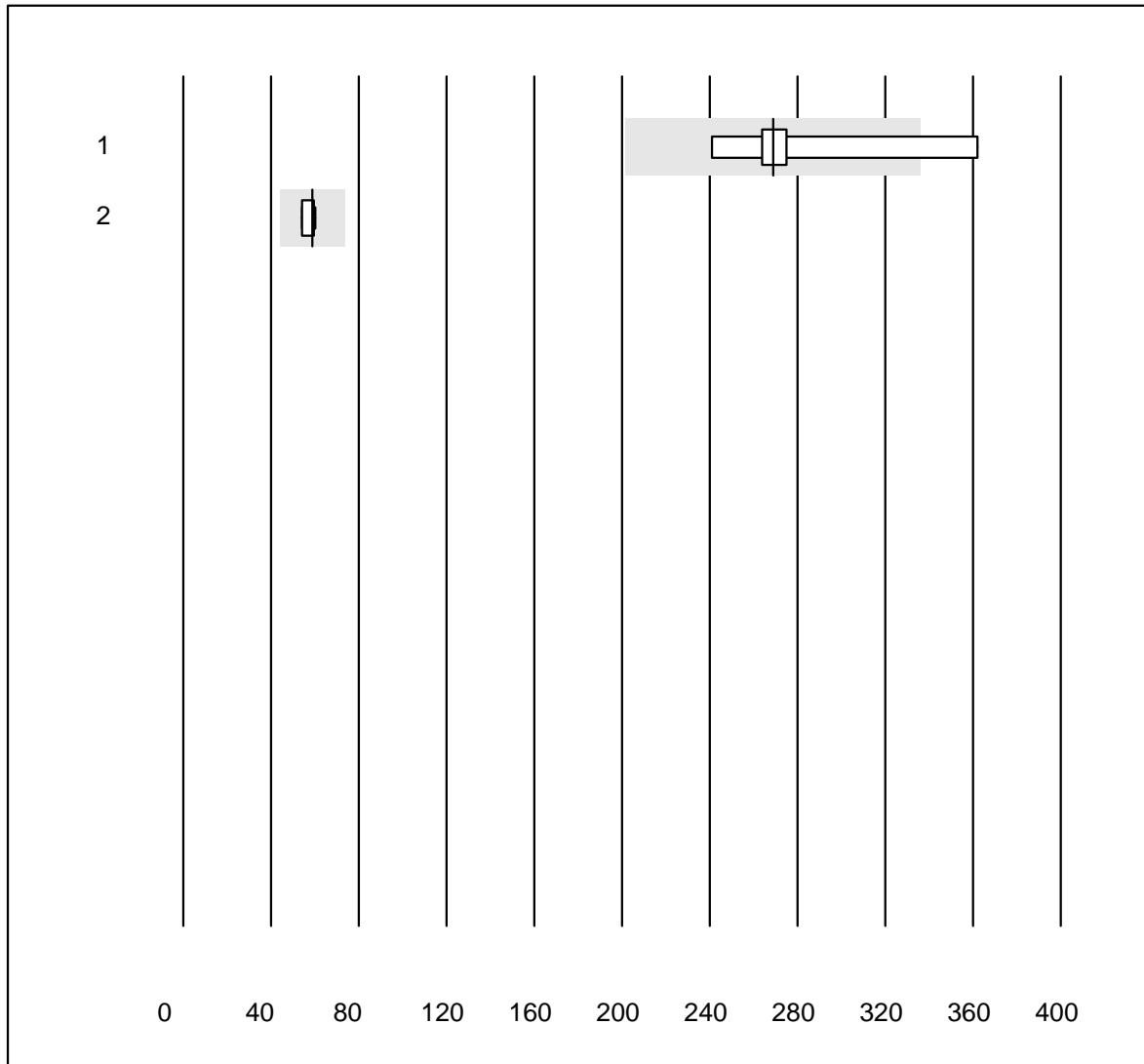


MQ tolerance : 25 %

IGF-BP3 (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	4	100.0	0.0	0.0	3.90	16.9	a

## Anti Thyreoglobulin



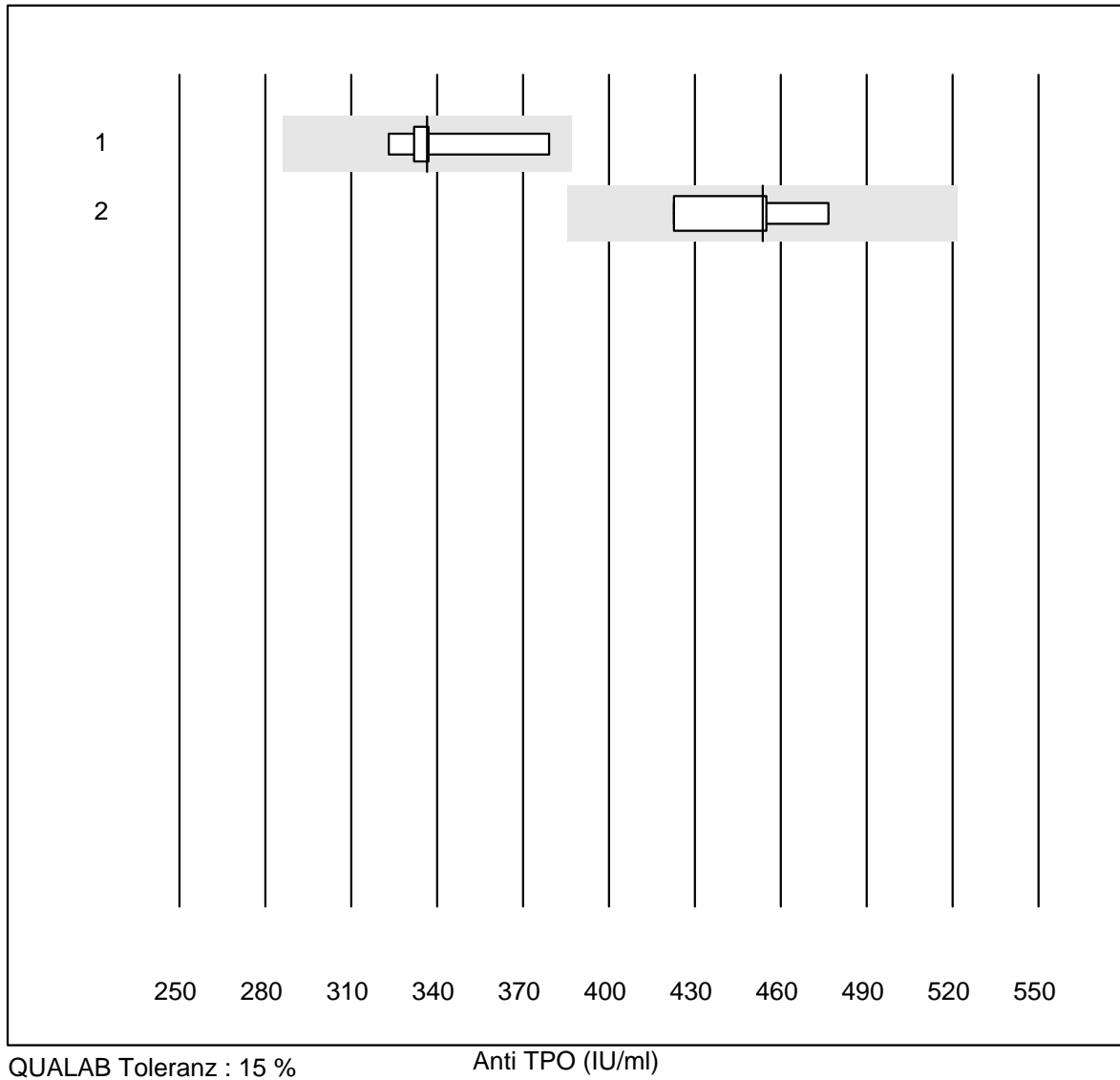
MQ tolerance : 25 %

Anti Thyreoglobulin (IU/ml)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	8	87.5	12.5	0.0	269	12.8	e*
2 Architect	4	100.0	0.0	0.0	59	4.6	e



## Anti TPO

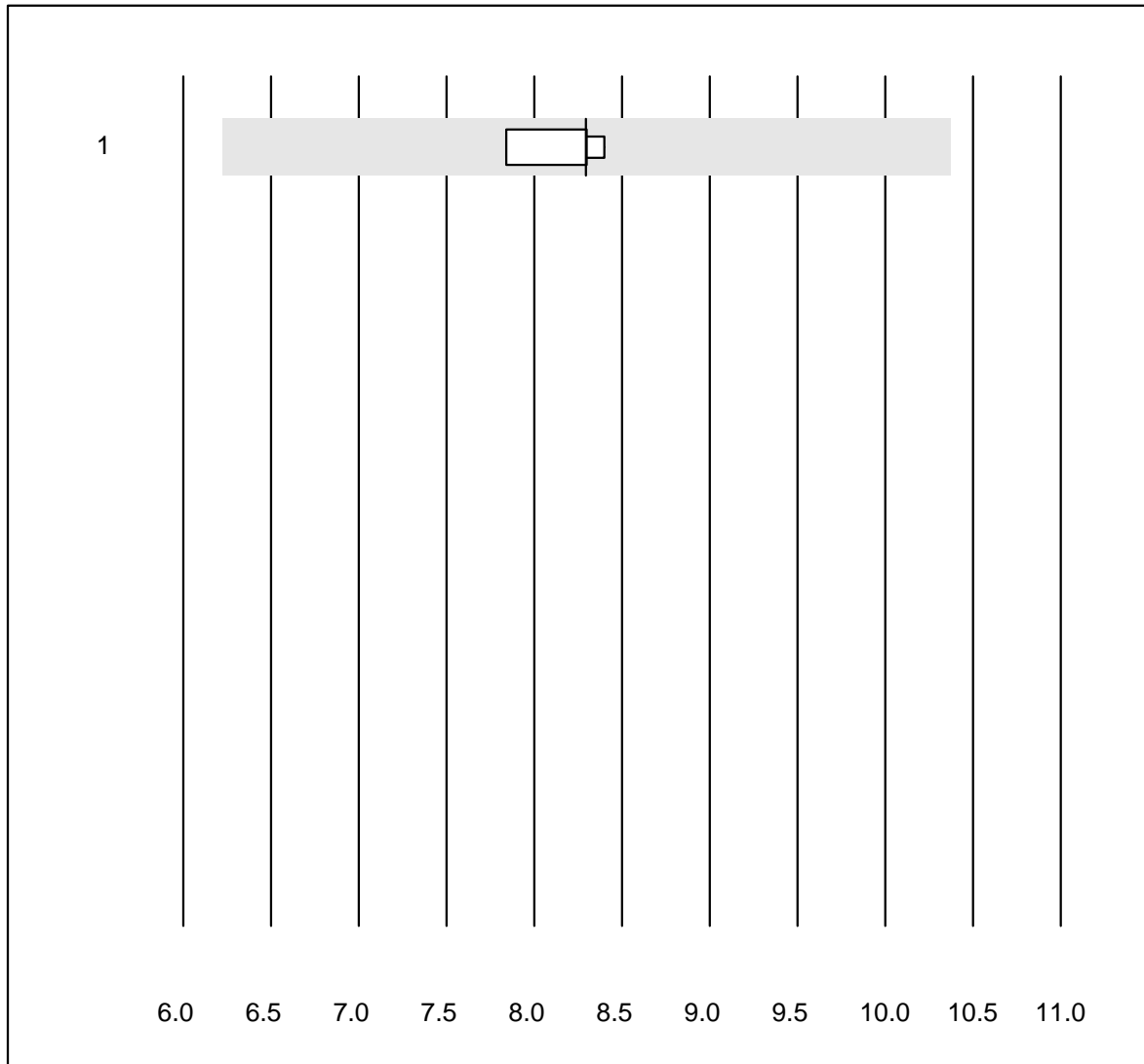


QUALAB Toleranz : 15 %

Anti TPO (IU/ml)

Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Cobas	6	83.3	0.0	16.7	337	6.4	e*
2 Architect	4	100.0	0.0	0.0	454	4.9	e*

# TRAK

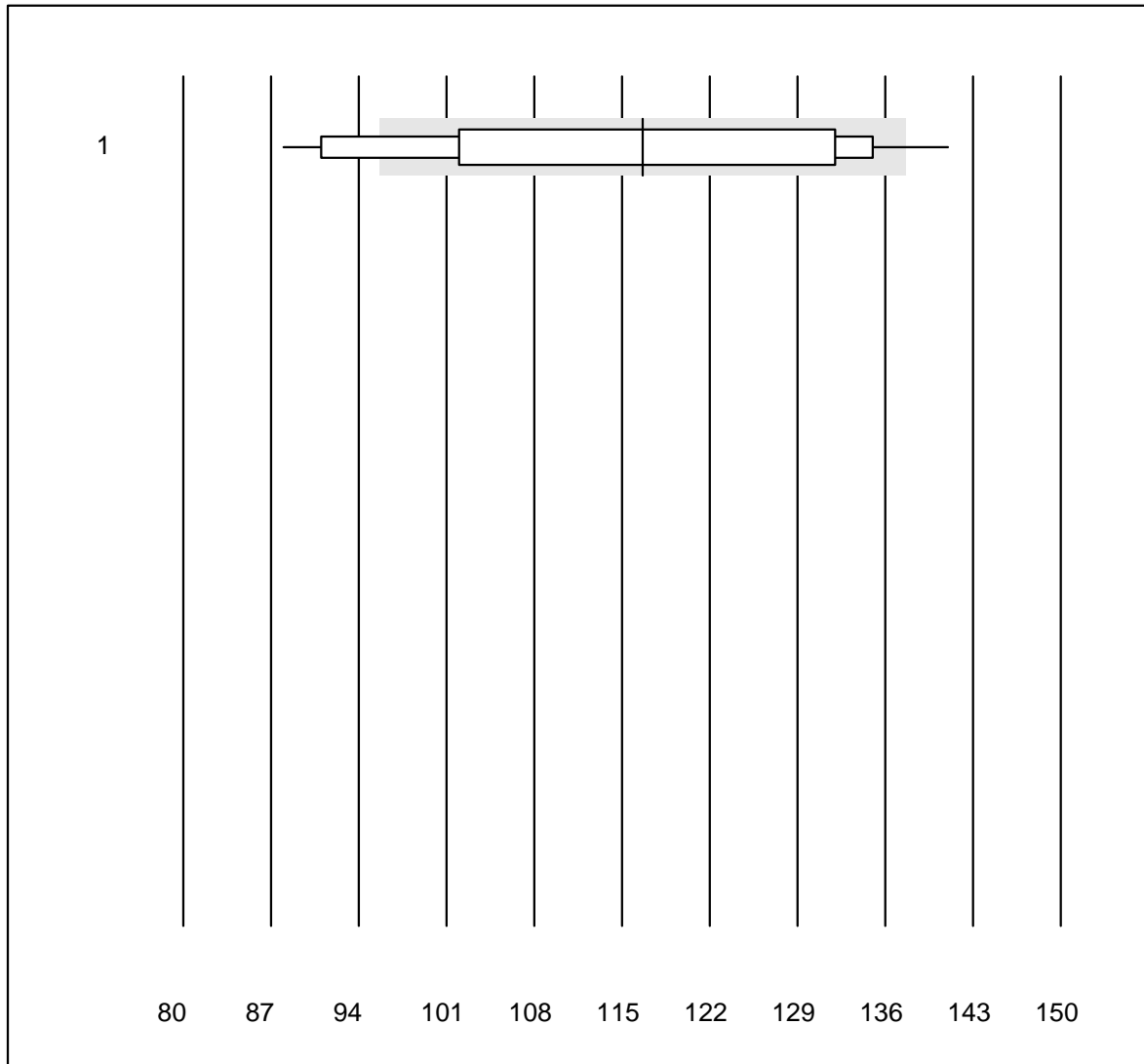


MQ tolerance : 25 %

TRAK (IU/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Kryptor	4	100.0	0.0	0.0	8.30	3.0	e

## Creatinine WB

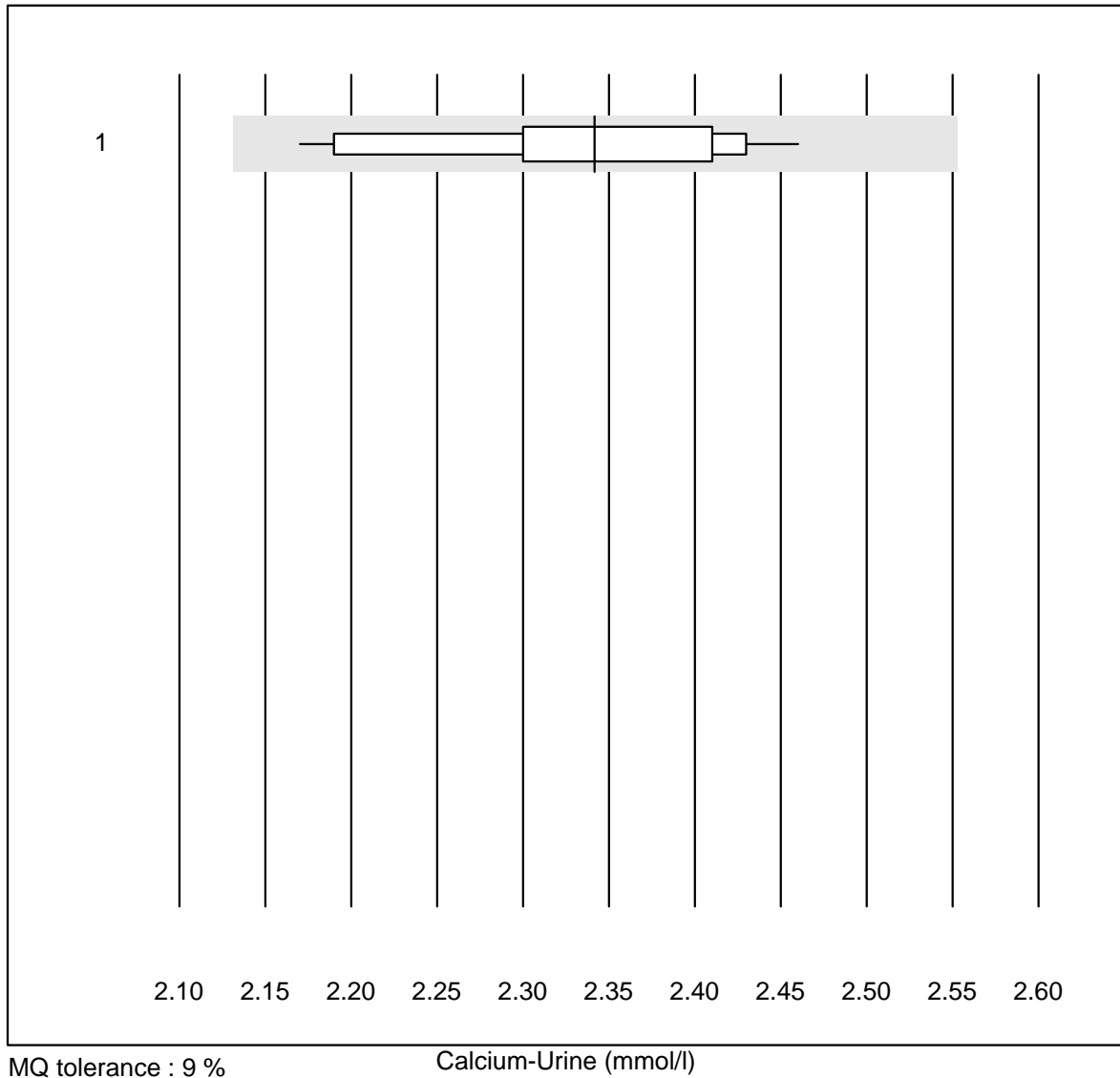


QUALAB Toleranz : 18 %

Creatinine WB (µmol/l)

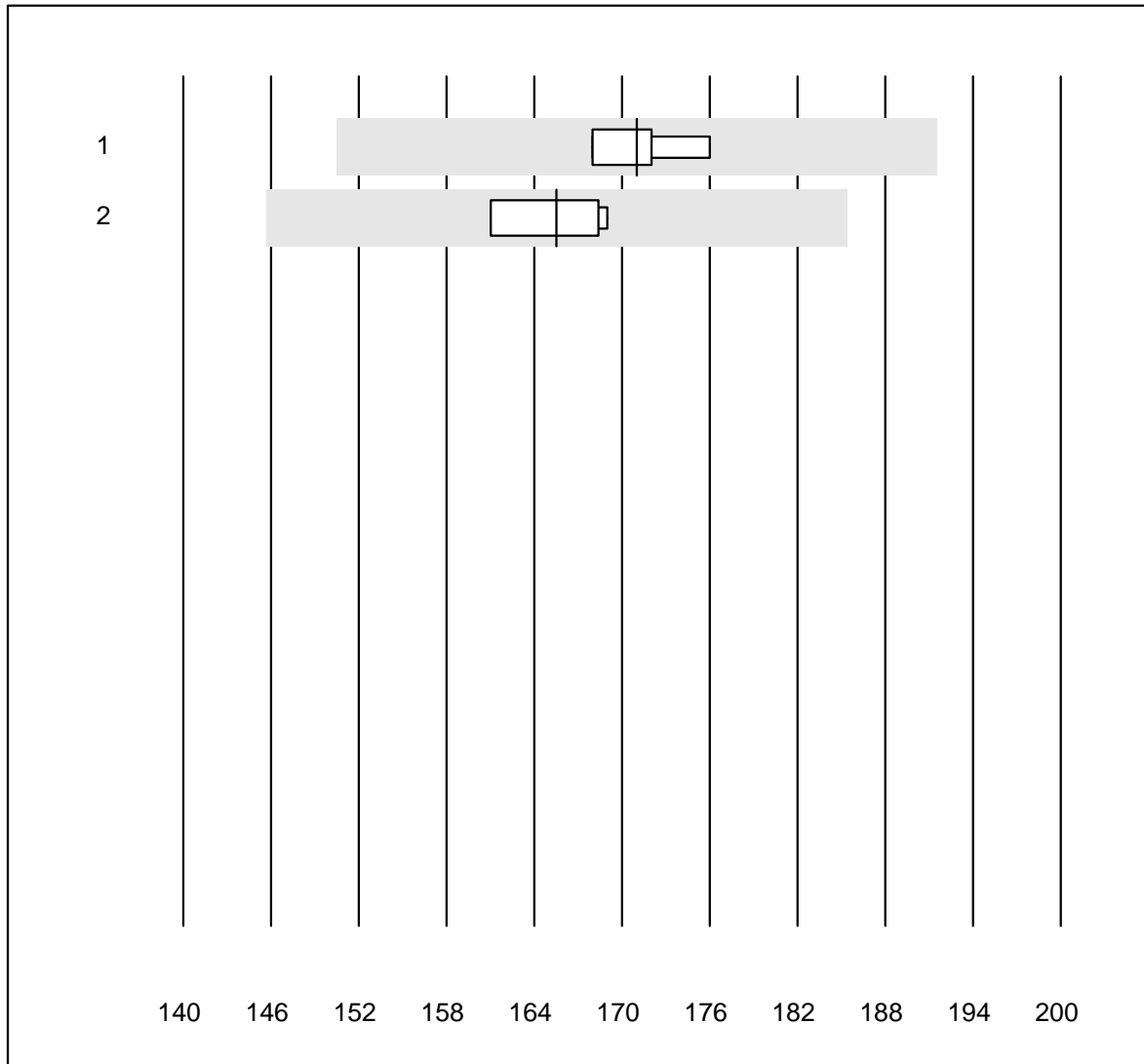
Nr. Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1 Statsensor i / Nova	42	50.0	16.7	33.3	117	14.3	e*

## Calcium-Urine



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	18	100.0	0.0	0.0	2.34	4.0	e

## Chloride-Urine

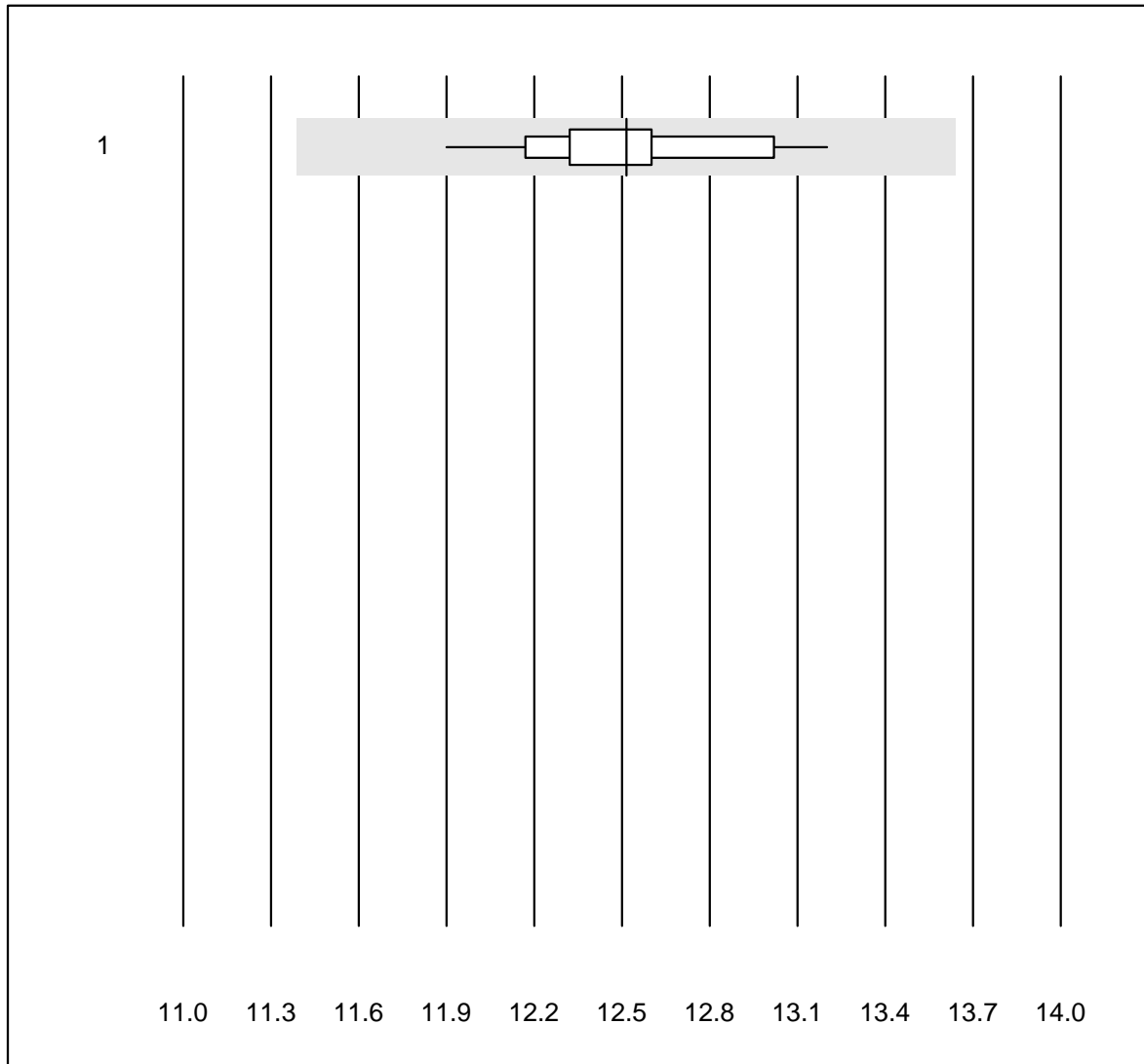


MQ tolerance : 12 %

Chloride-Urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	6	100.0	0.0	0.0	171	1.7	e
2	Cobas	6	100.0	0.0	0.0	166	2.2	e

## Glucose-Urine

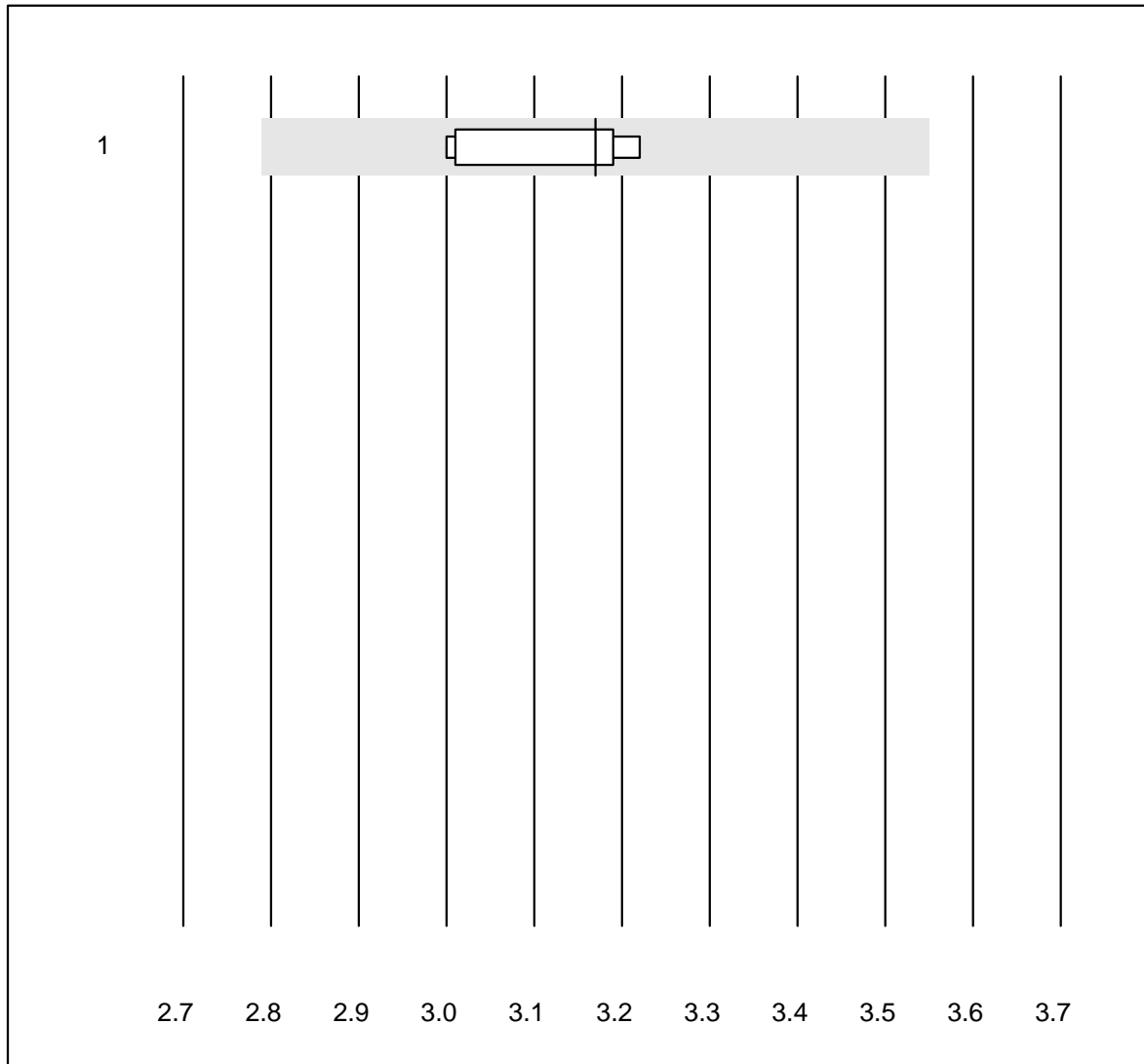


QUALAB Toleranz : 9 %

Glucose-Urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	17	100.0	0.0	0.0	12.5	2.5	e

## Magnesium-Urine

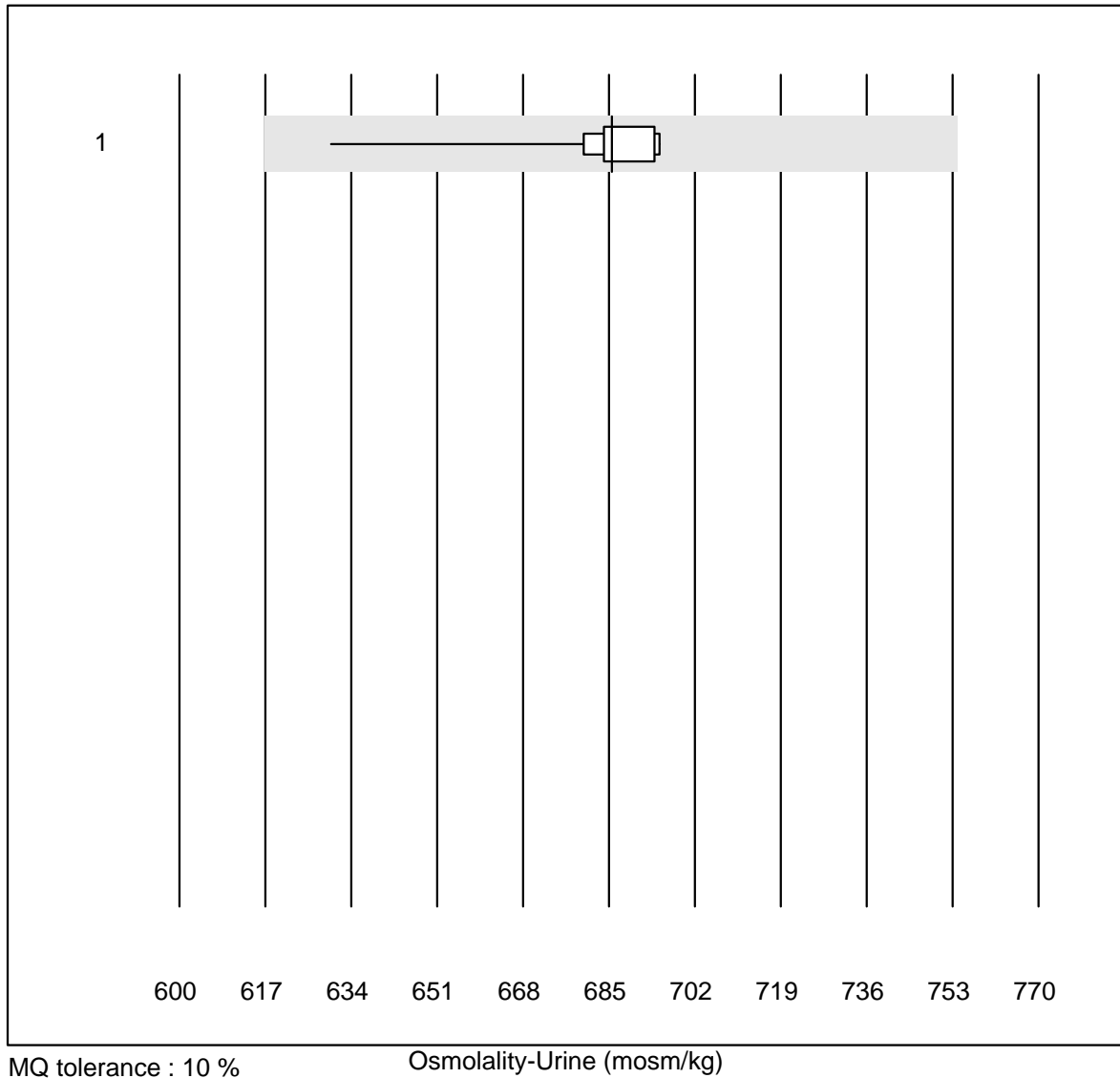


MQ tolerance : 12 %

Magnesium-Urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	8	100.0	0.0	0.0	3.17	3.0	e

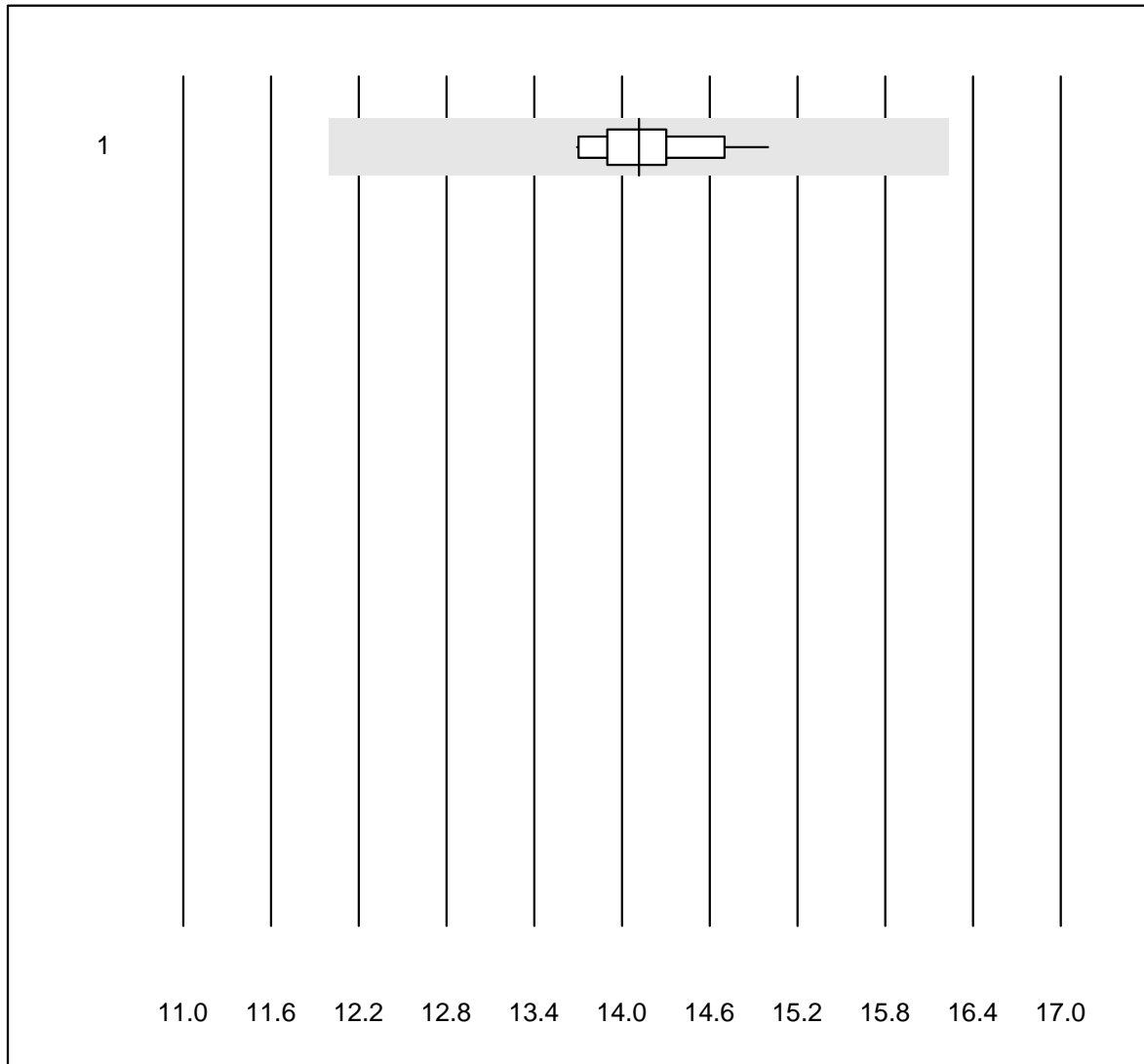
## Osmolality-Urine



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cryoskopie	14	100.0	0.0	0.0	686	2.4	e



## Phosphate-Urine

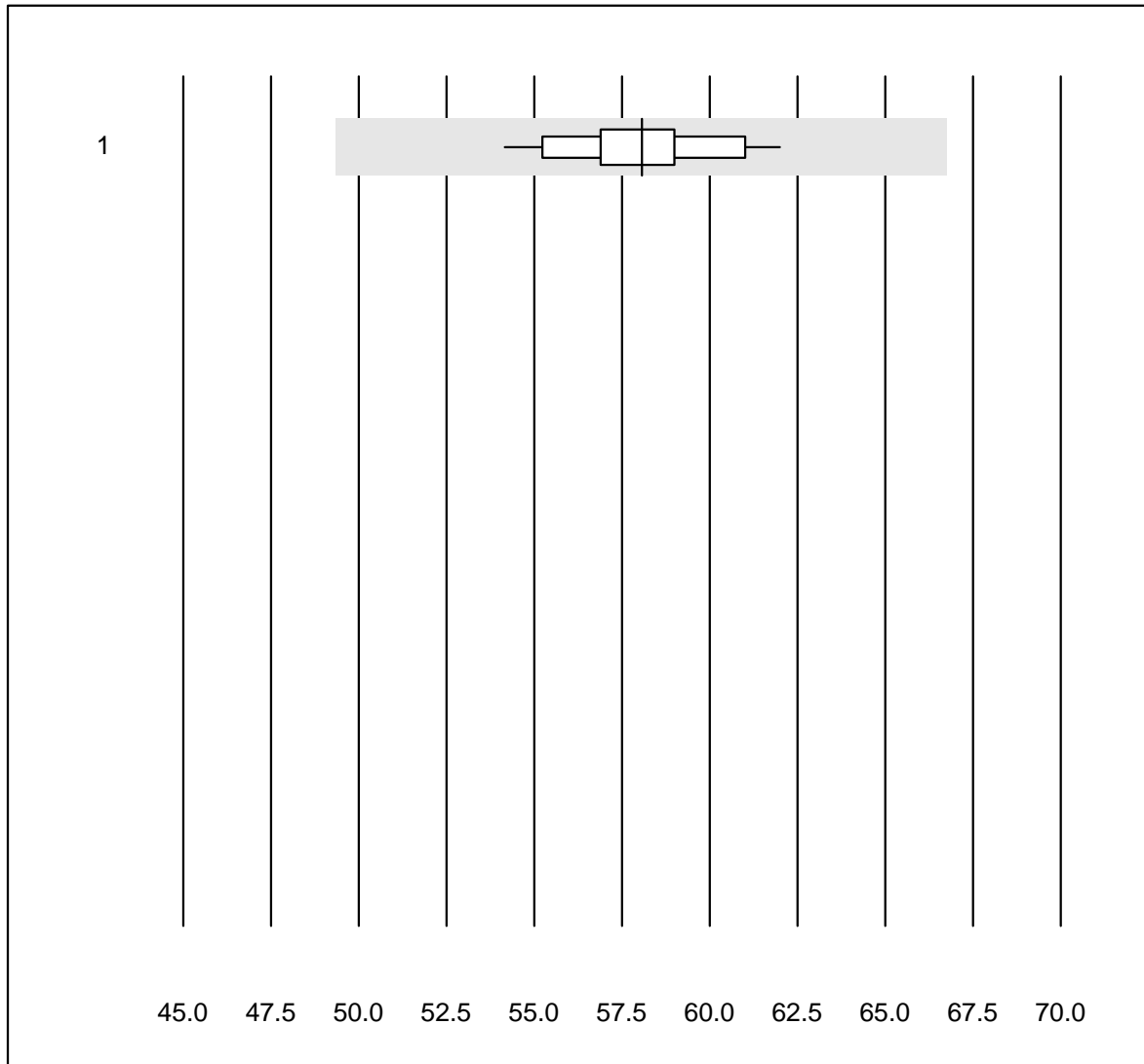


MQ tolerance : 15 %

Phosphate-Urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	14.1	2.6	e

## Potassium-Urine

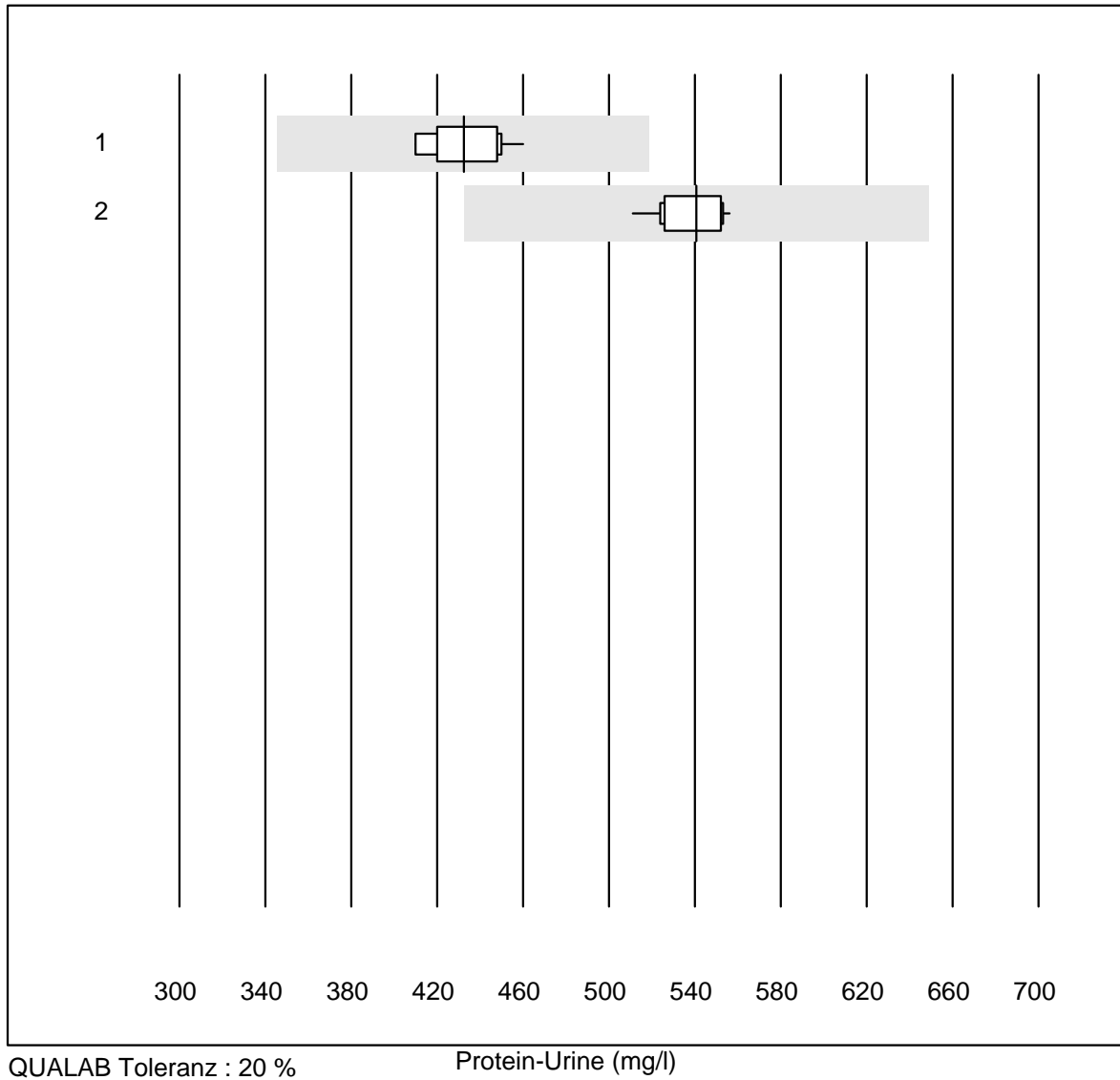


MQ tolerance : 15 %

Potassium-Urine (mmol/l)

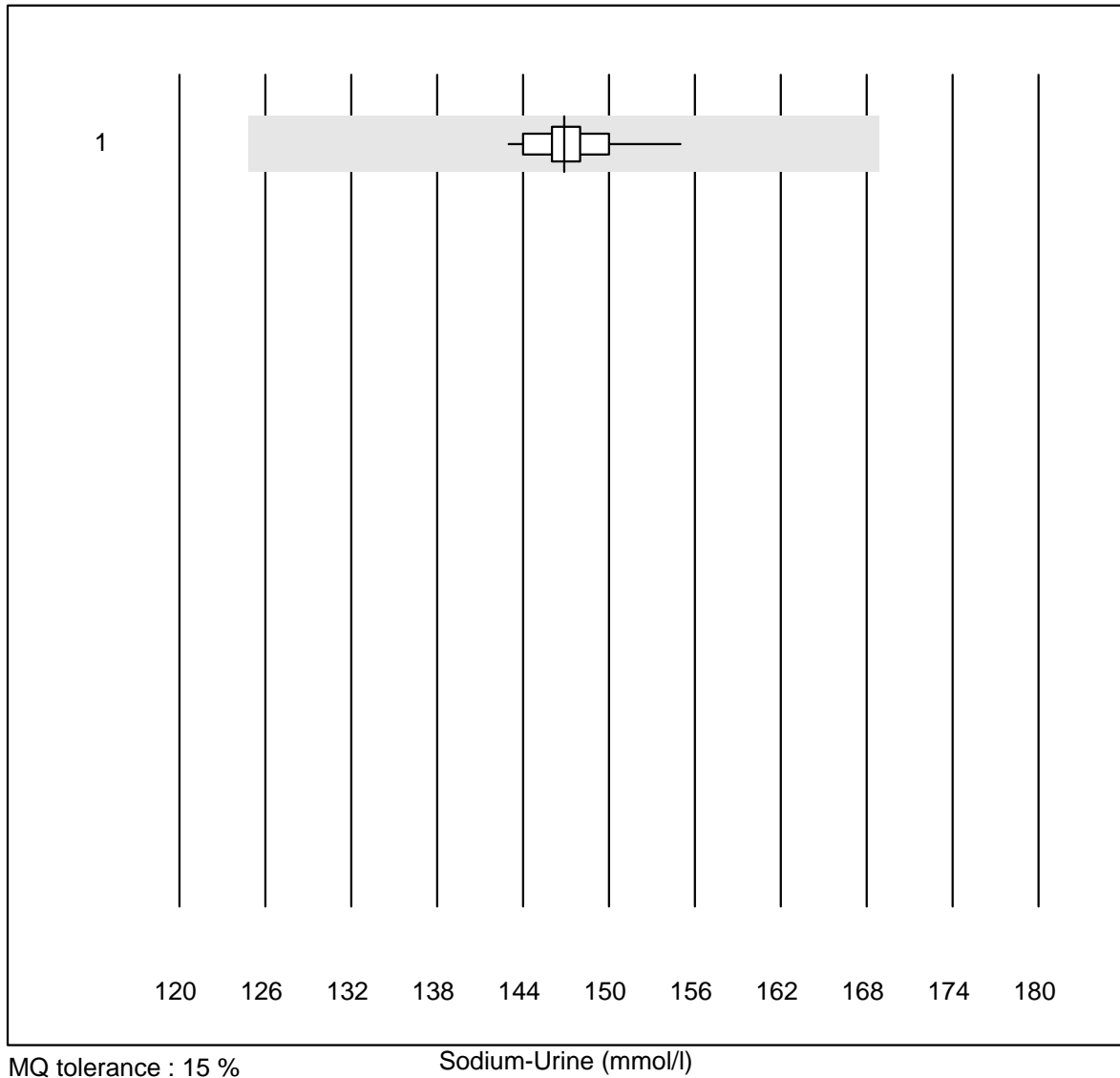
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	25	100.0	0.0	0.0	58	3.4	e

## Protein-Urine



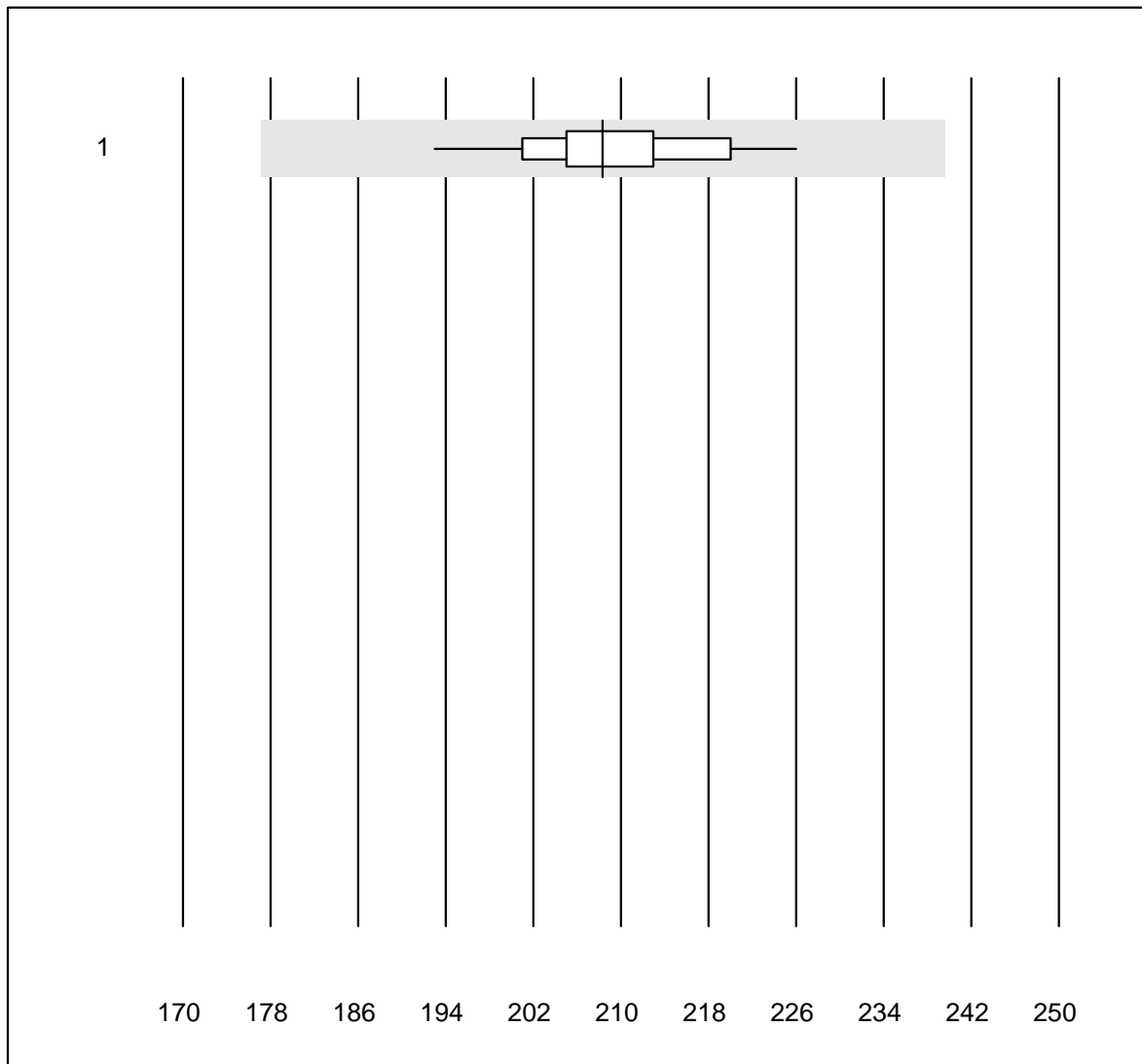
Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Cobas/Roche	15	100.0	0.0	0.0	432.3	3.8	e
2	Standard chemistry	11	100.0	0.0	0.0	540.6	2.7	e

## Sodium-Urine



Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	all Participants	25	100.0	0.0	0.0	147	1.7	e

## Urea-Urine

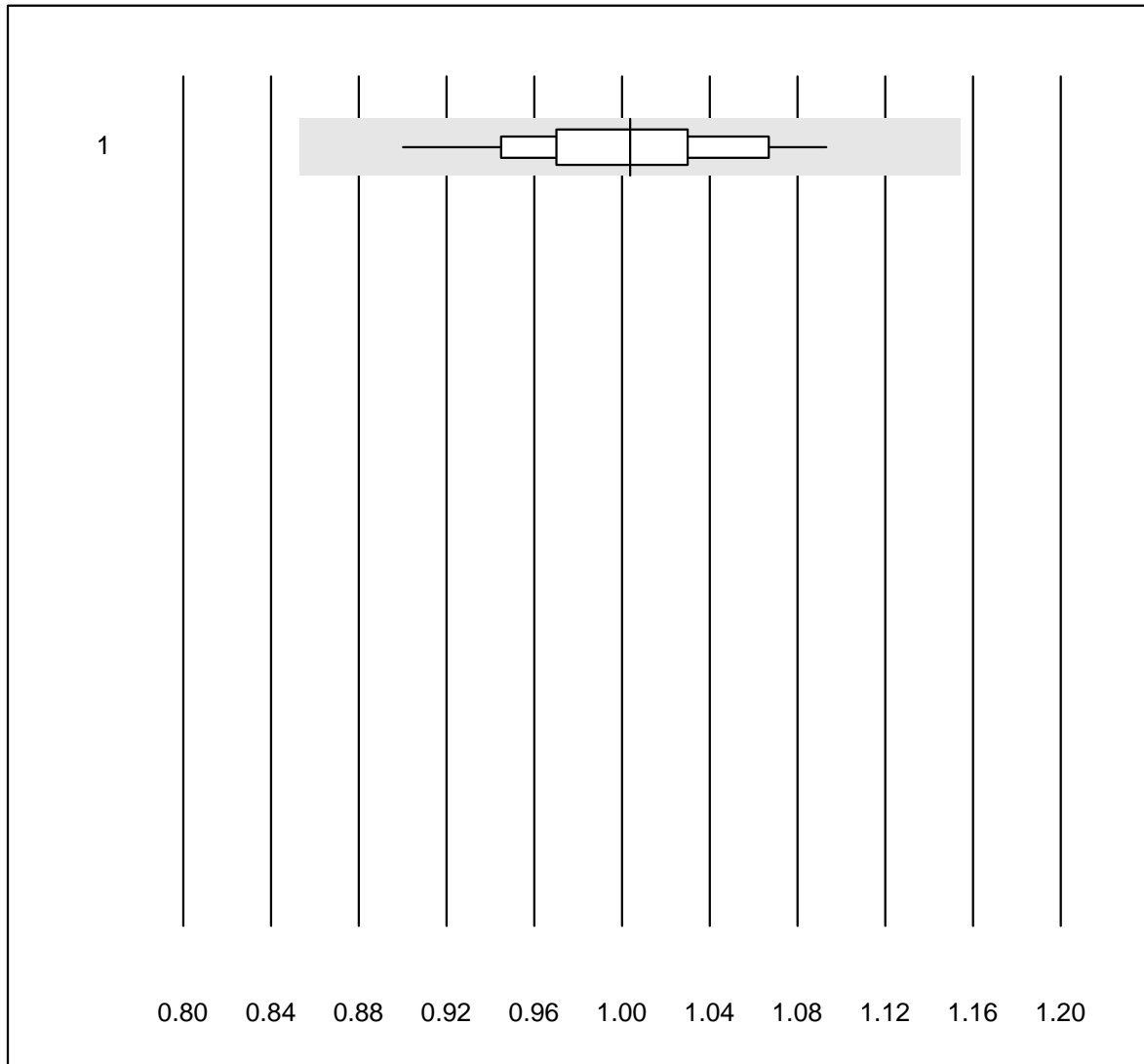


MQ tolerance : 15 %

Urea-Urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	21	100.0	0.0	0.0	208	3.9	e

## Uric Acid-Urine

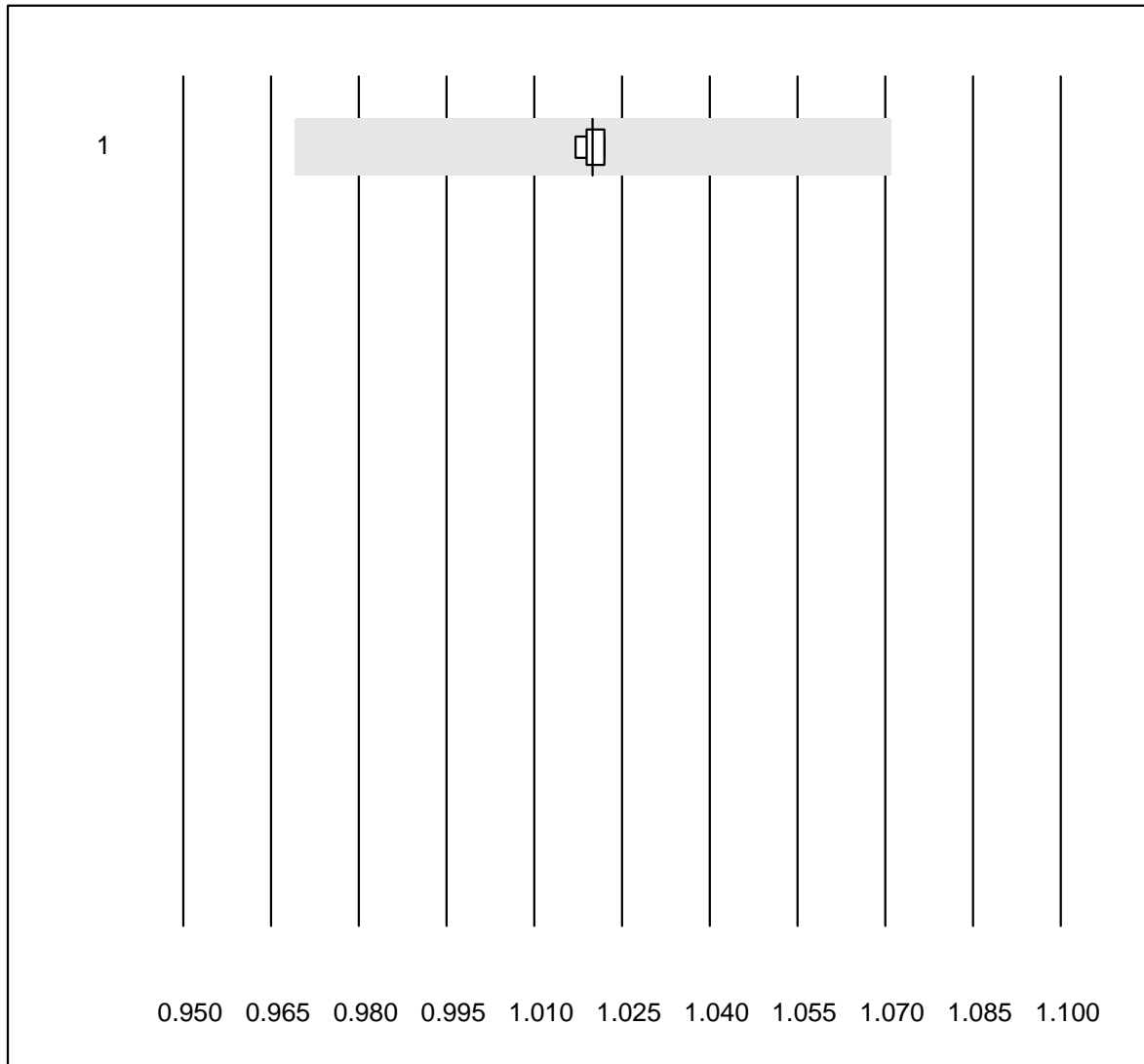


MQ tolerance : 15 %

Uric Acid-Urine (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Standard chemistry	16	100.0	0.0	0.0	1.00	5.0	e

## Specific Gravity-Urine

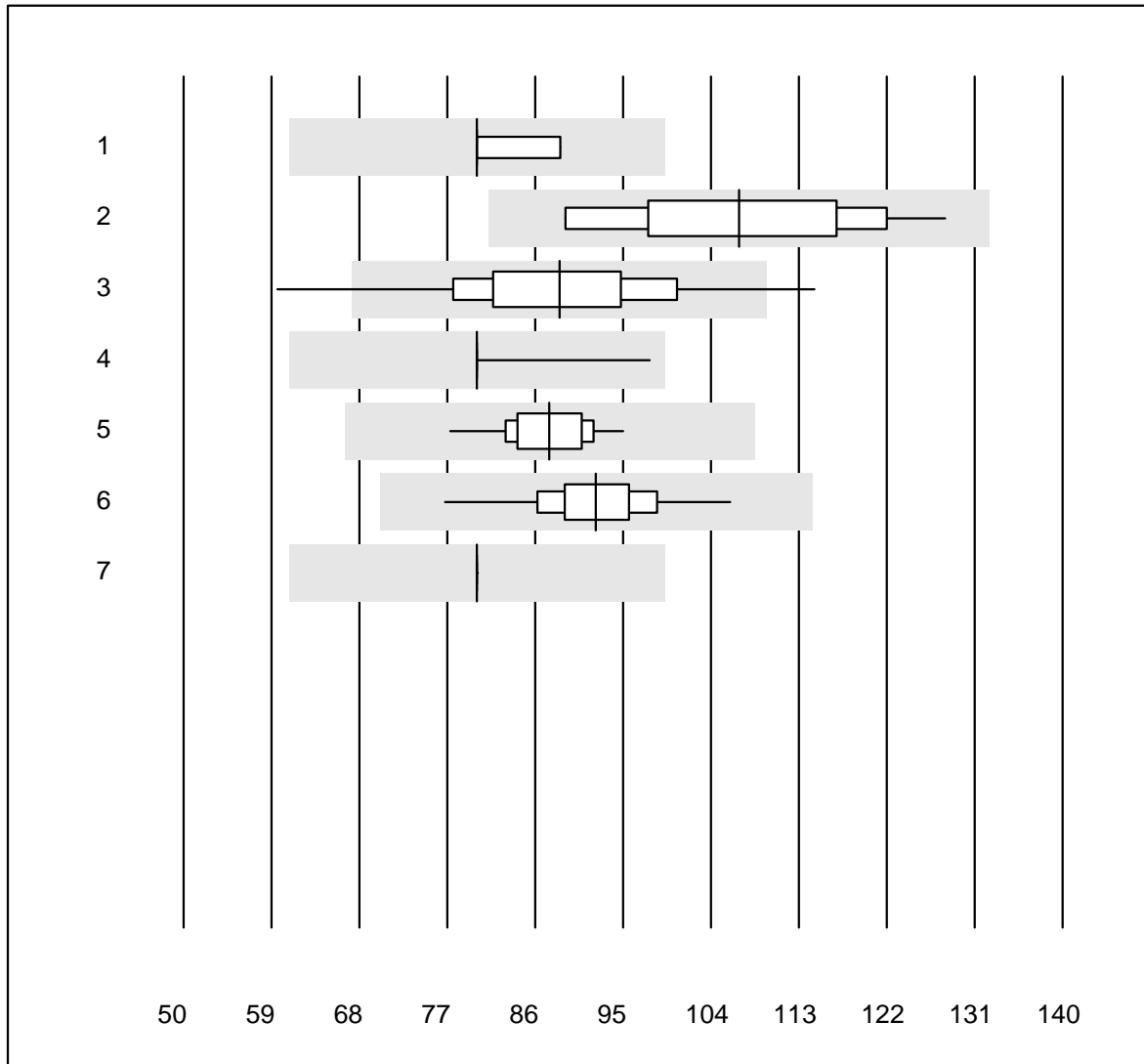


MQ tolerance : 5 %

Specific Gravity-Urine ()

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Refractometer	6	100.0	0.0	0.0	1.020	0.2	e

## Creatinine U



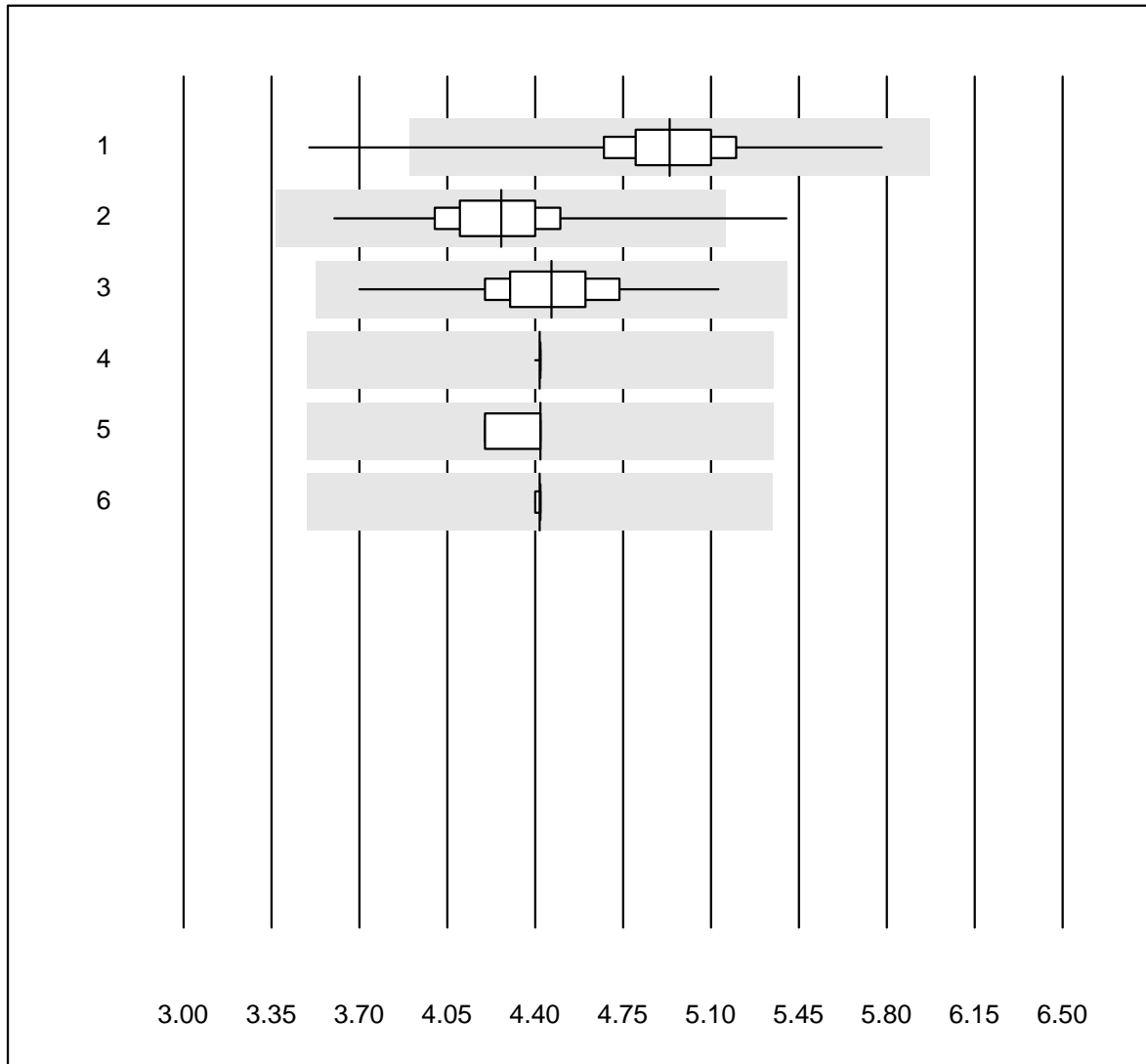
QUALAB Toleranz : 24 %

Creatinine U (mg/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	Aution	4	100.0	0.0	0.0	80.0	5.2	e
2	AFIAS	10	100.0	0.0	0.0	106.9	11.6	e*
3	Afinion	448	94.4	2.0	3.6	88.5	10.4	e
4	Sysmex U	17	64.7	0.0	35.3	80.0	6.5	a
5	Turbidimetry	26	100.0	0.0	0.0	87.4	4.5	e
6	DCA2000/Vantage	144	97.2	0.0	2.8	92.2	5.7	e
7	Siemens Clinitek	13	92.3	0.0	7.7	80.0	0.0	e



## Creatinin Urin



QUALAB Toleranz : 21 %

Creatinin Urin (mmol/l)

Nr.	Methode	Total	% Erfüllt	% ungen.	% Ausr	Zielwert	VK%	Typ
1	DCA2000/Vantage	144	96.5	1.4	2.1	4.9	5.7	e
2	Afinion	447	97.6	0.4	2.0	4.3	5.0	e
3	Standard chemistry	40	100.0	0.0	0.0	4.5	5.6	e
4	Sysmex U	15	73.3	0.0	26.7	4.4	0.1	e
5	Aution	4	100.0	0.0	0.0	4.4	2.5	e
6	Siemens Clinitek	13	61.5	0.0	38.5	4.4	0.2	e