

Survey: **IG3/25**
month: **July 2025**
Participant-No: **9900540**
valid from: **12.07.25**



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Všeobecná fakultní nemocnice v Praze
Centrální Laborator na ULBLD
Prof. MUDr. Zima, RNDr. Benáková
U Nemocnice 499/2, budova A 7, 2. patro
12808 PRAHA 2
CZECH REPUBLIC



Bonn, 24. July 2025

Certificate

We confirm that you have participated in the survey for immunology/proteins in serum.
This certificate is according to the current version of the RiliBÄK valid until the end of January 2026.
You have met the requirements of the survey for the following analytes:

Albumin	(7)	Transferrin	(4)	IgA	(4)
IgG	(4)	IgM	(4)	a1-Antitrypsin	(2)
Coeruloplasmin	(2)	Haptoglobin	(2)	CRP	(4)
IgE	(4)	Cystatin C	(4)	alpha1-Glycoprot.	(2)
sol.Transfe.Receptor	(4)	prealbumin	(4)		

Prof. Dr. Dr. K. P. Kohse
EQA scheme director

Dr. Anja Kessler
Head of Reference Institute

Dr. Marika Enders
EQAS-Board

The number in parentheses characterizes the analytical method used.
The assignment of the number to the respective method and/or the respective instrument
is to be taken from the total evaluation.

This certificate is valid in conjunction with the final report dated 22.07.25.
This is available for download in the RfB-Online system.

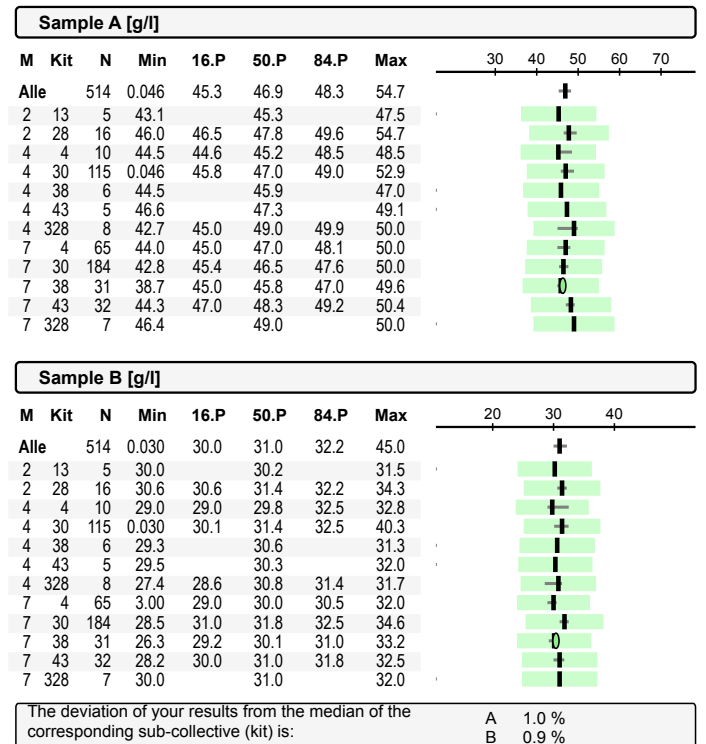
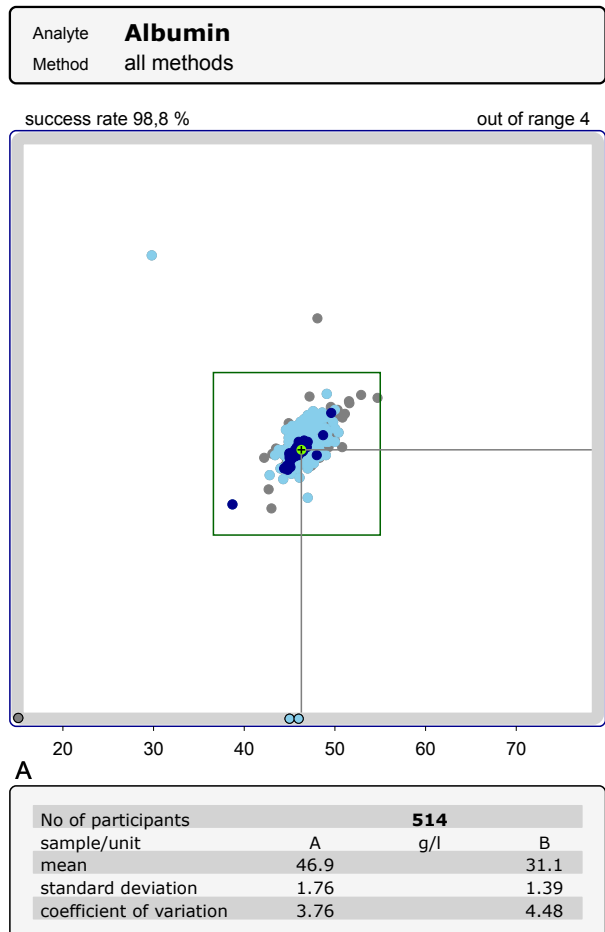


Certificate

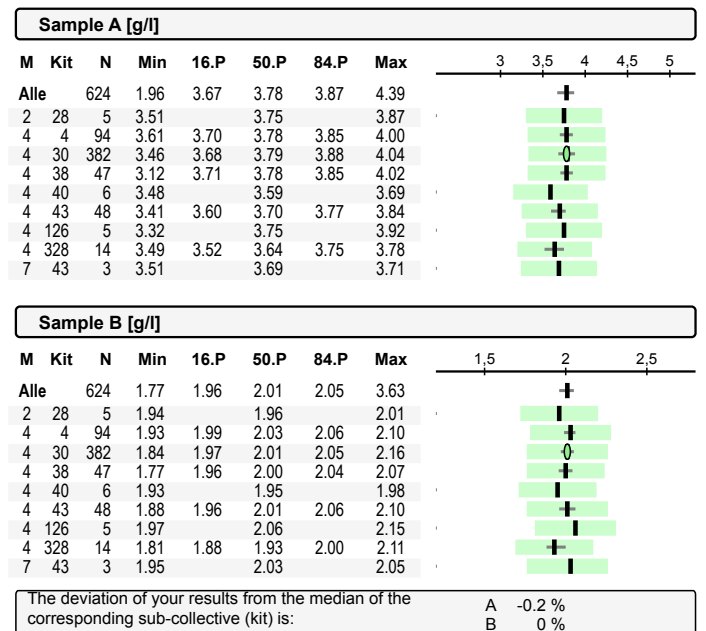
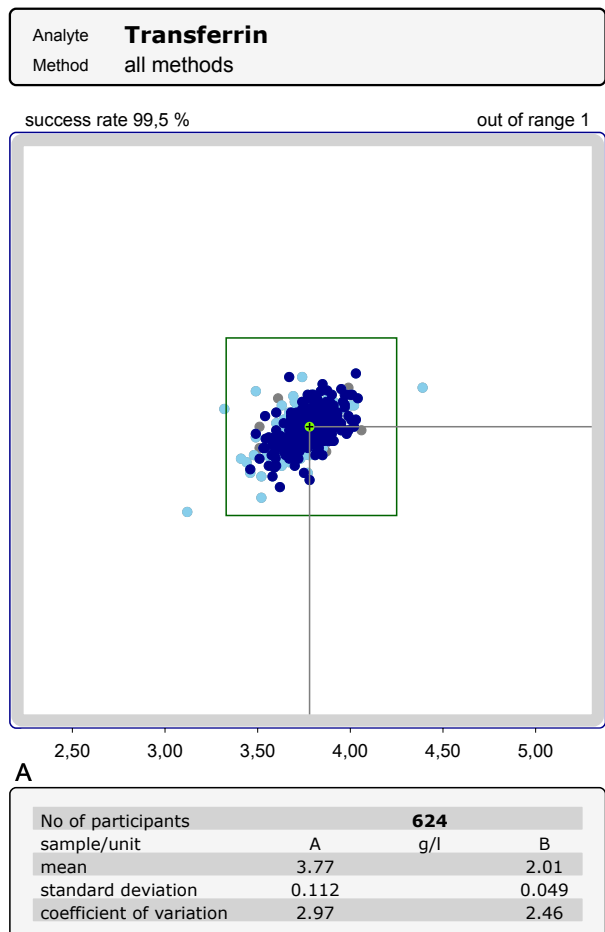
Certificate of participation

If all analytes are listed on the certificate no participation certificate is printed.

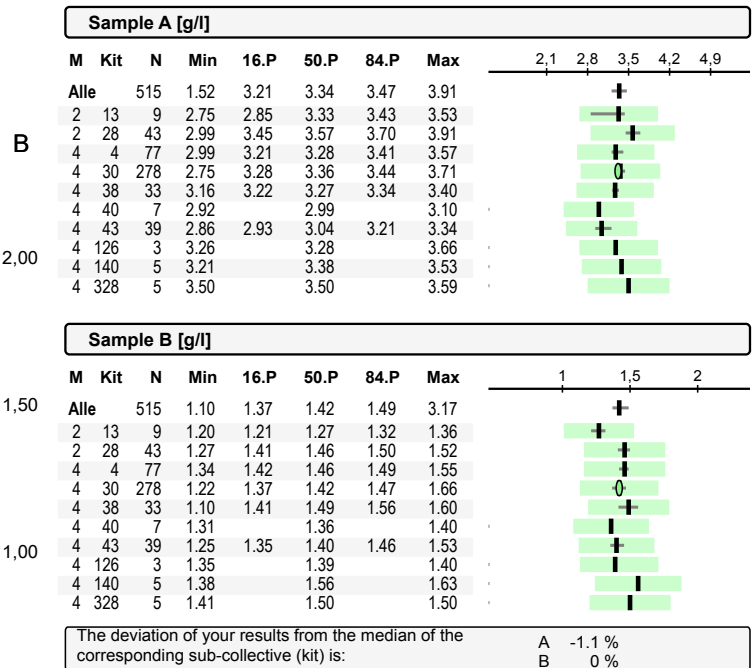
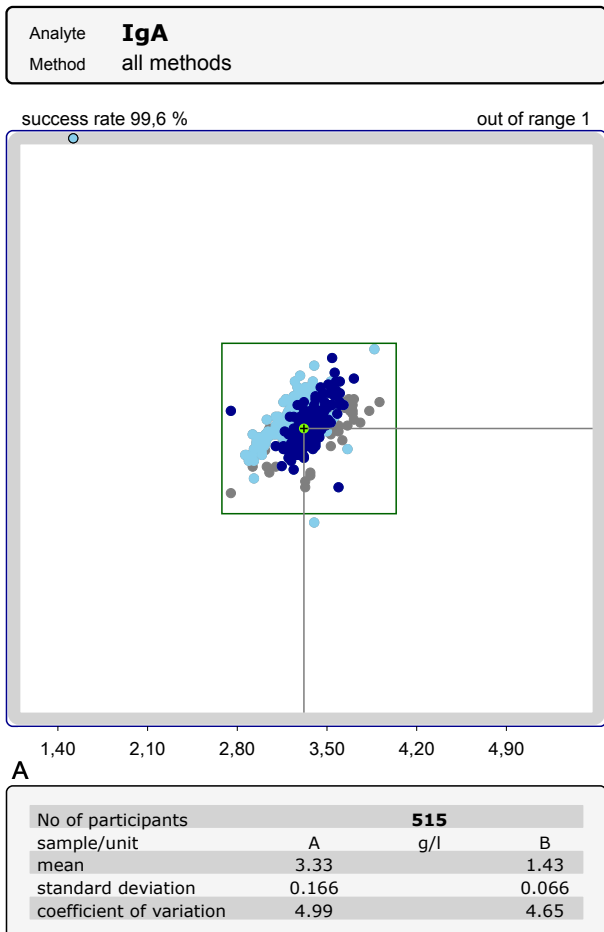
Legend:				C=Certification, M=No of method, R=your result, D=difference (R-T) Dmax= maximum allowable amount of difference in measurement, partly given by annax 1 of the guideline of the BAK. T = target value, either reference method value or assigned value, LL UL = lower resp. upper limit				Certification: + = fulfilled (quotient D/Dmax <= 1.0) - = not fulfilled (quotient D/Dmax > 1.0 ± = certification cancelled because of technical and/or analytical reasons							
	C	M	R	D/Dmax	T	LL	UL								
Albumin	+	7	A 46.3 [g/l]	0.05 0.04	45.8 30.1	36.6 24.0	55.0 36.2								
Transferrin	+	4	A 3.78 [g/l]	-0.02 0	3.79 2.01	3.33 1.76	4.25 2.26								
IgA	+	4	A 3.32 [g/l]	-0.06 0	3.36 1.42	2.68 1.13	4.04 1.71								
IgG	+	4	A 18.3 [g/l]	0.06 0.10	18.1 9.12	14.8 7.47	21.4 10.8								
IgM	+	4	A 2.82 [g/l]	-0.12 -0.13	2.91 1.23	2.15 0.910	3.67 1.55								
a1-Antitrypsin	+	2	A 1.35 [g/l]	-0.62 -0.13	1.66 1.00	1.16 0.700	2.16 1.30								
oeruloplasmin	+	2	A 0.310 [g/l]	-0.34 -0.37	0.345 0.214	0.241 0.149	0.449 0.279								
Haptoglobin	+	2	A 1.75 [g/l]	-0.13 -0.07	1.82 0.970	1.27 0.679	2.37 1.27								
CRP	+	4	A 71.3 [mg/l]	0.21 0.06	68.3 23.9	54.6 19.1	82.0 28.7								
IgE	+	4	A 167 [U/ml]	-0.72 -0.43	214 116	149 81.2	279 151								
Cystatin C	+	4	A 0.140 [mg/l]	0 -0.58	0.140 0.120	0 0	0.500 0.500								
a1-Glycoprot.	+	2	A 1.03 [g/l]	-0.09 -0.42	1.06 0.640	0.742 0.448	1.38 0.832								
nsfe.Receptor	+	4	A 3.70 [mg/l]	-0.04 -0.03	3.75 2.02	2.62 1.41	4.88 2.63								
prealbumin	+	4	A 0.180 [g/l]	0 0	0.180 0.110	0.126 0.077	0.234 0.143								



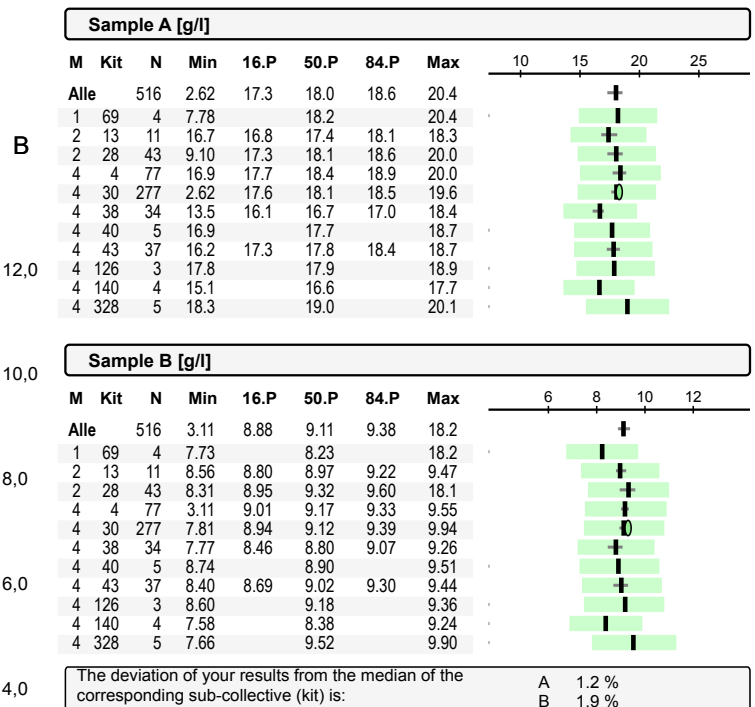
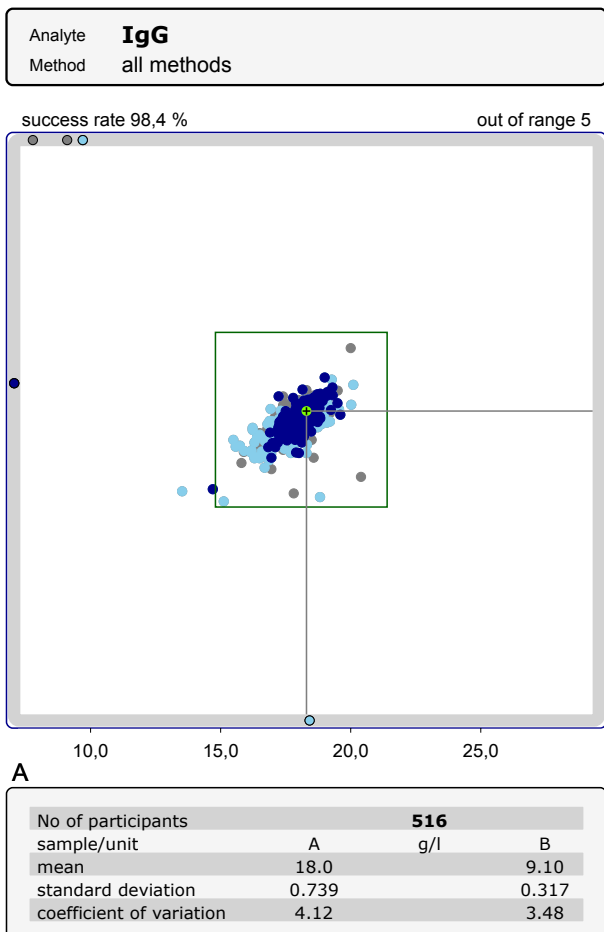
Other kits (number):
1-04(1), 1-30(4), 2-30(1), 2-38(1), 2-43(2), 2-140(1), 4-12(1), 4-13(1), 4-40(2), 4-140(2), 5-38(1), 5-43(1), 7-13(2), 7-32(1), 7-40(4), 7-126(4), 7-166(1).



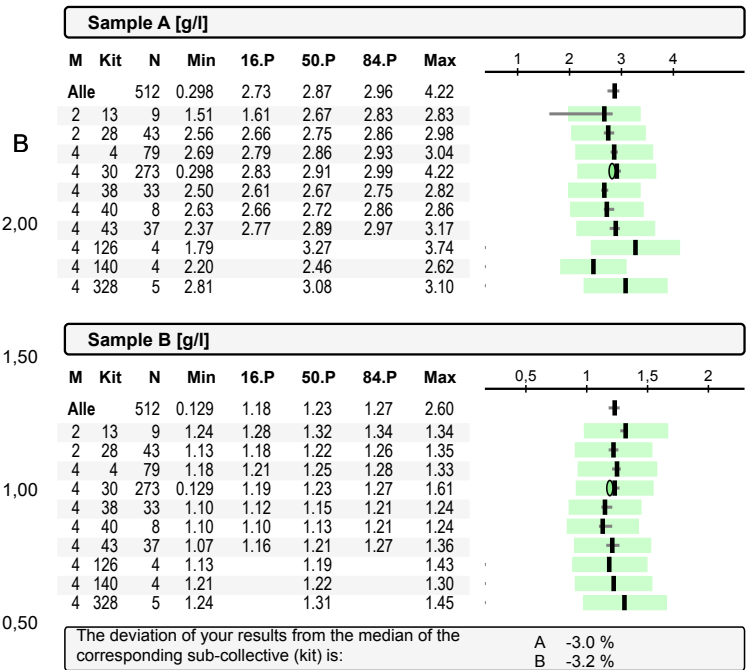
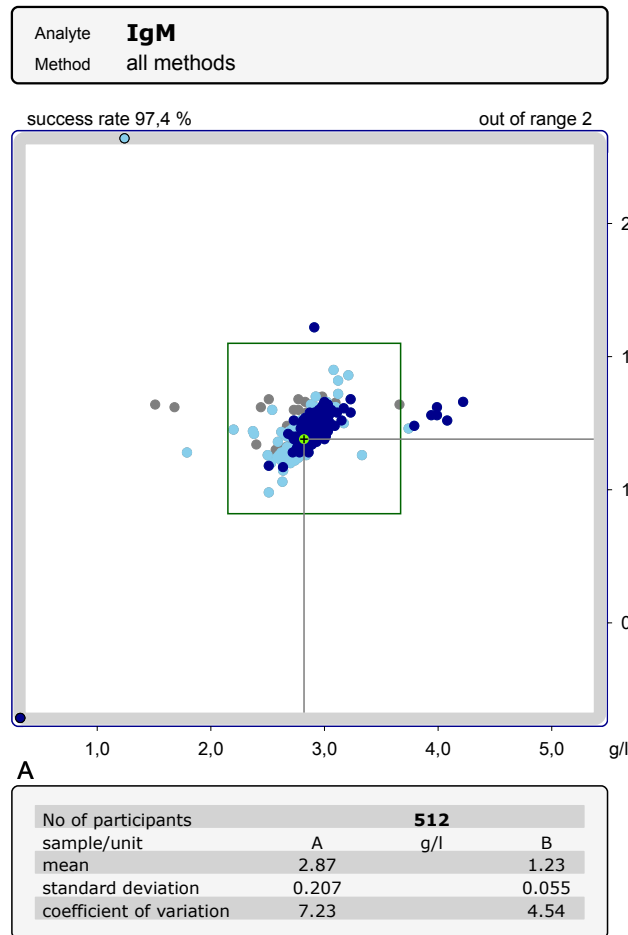
Other kits (number):
1-04(2), 1-30(2), 2-13(2), 2-30(2), 2-38(1), 2-43(2), 4-13(2), 4-16(1), 4-128(1), 4-140(1), 4-154(1), 5-04(1), 5-30(1), 7-30(1).



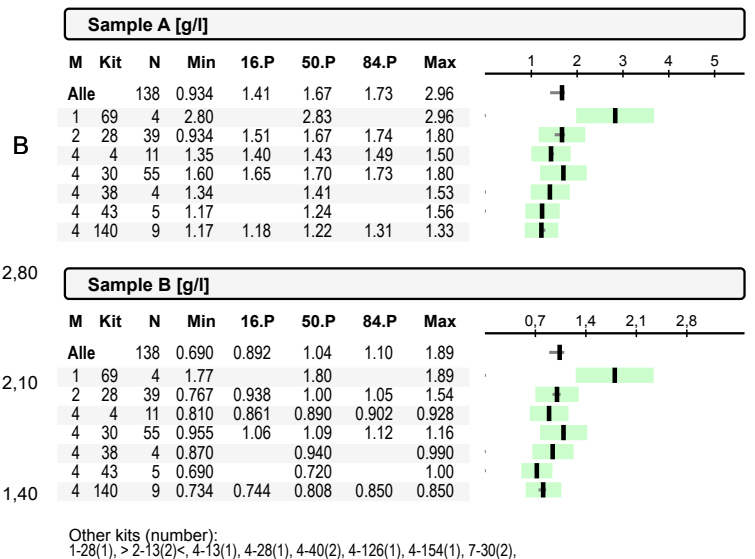
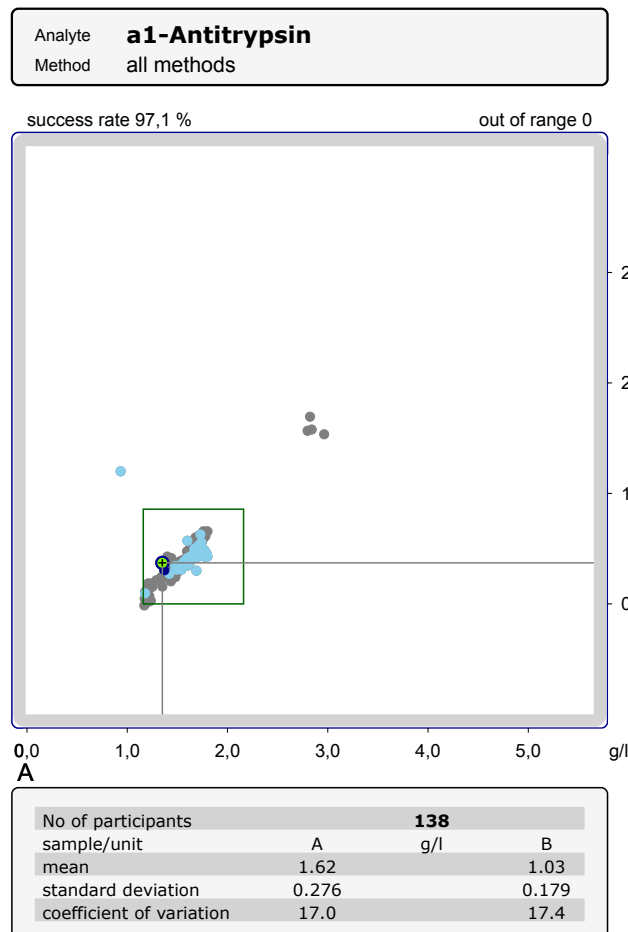
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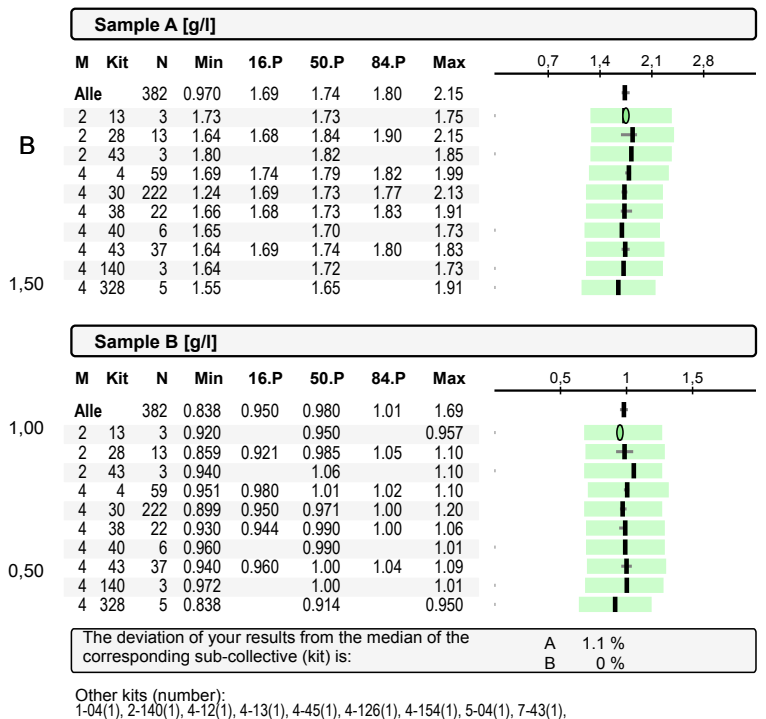
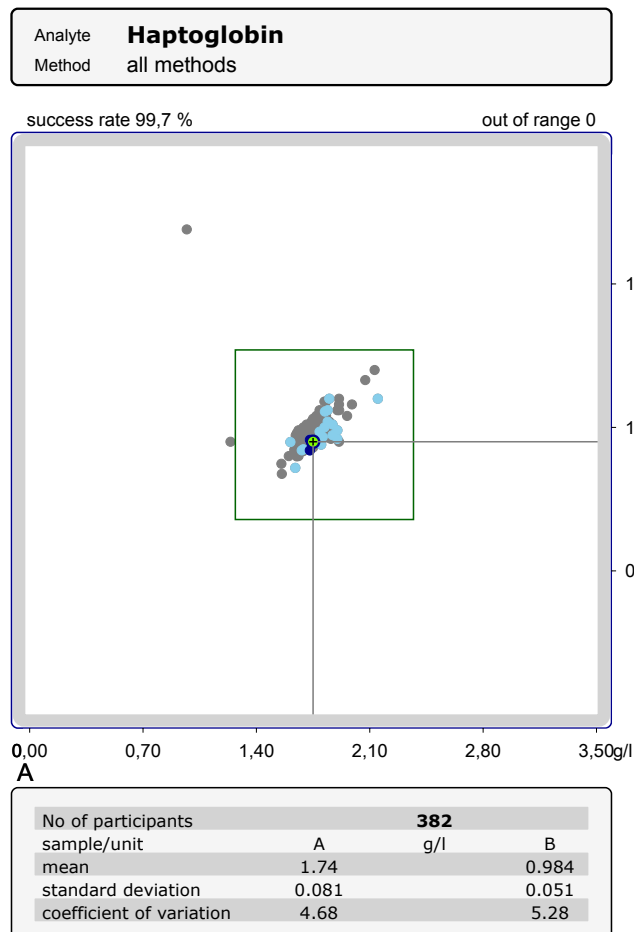
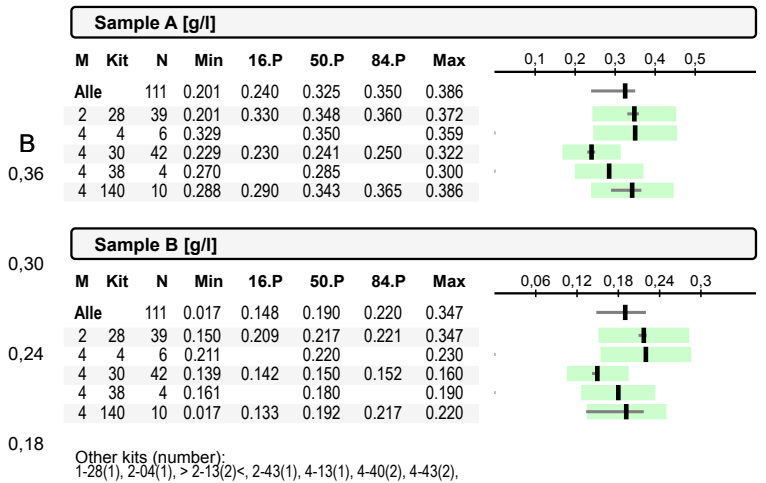
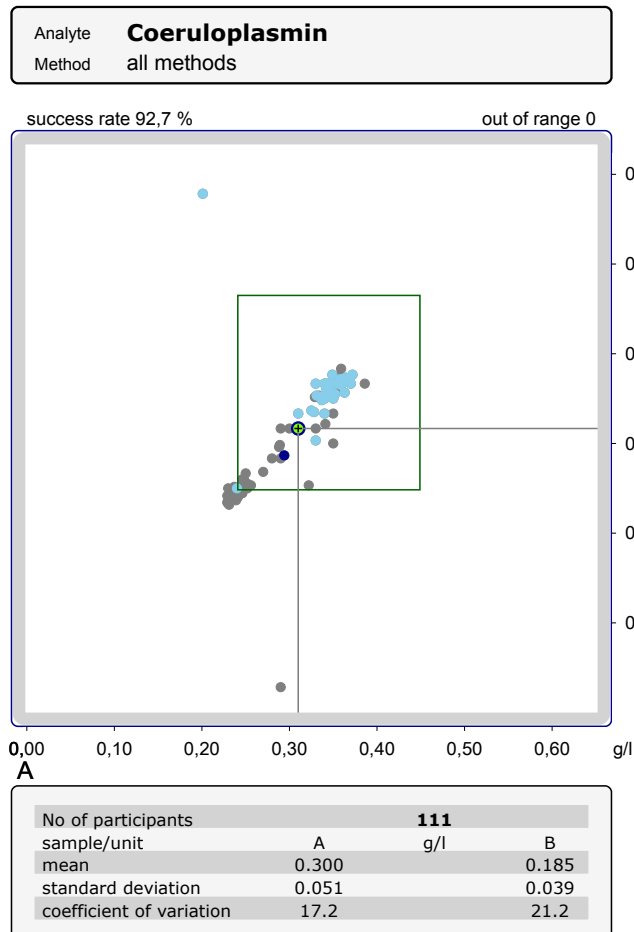


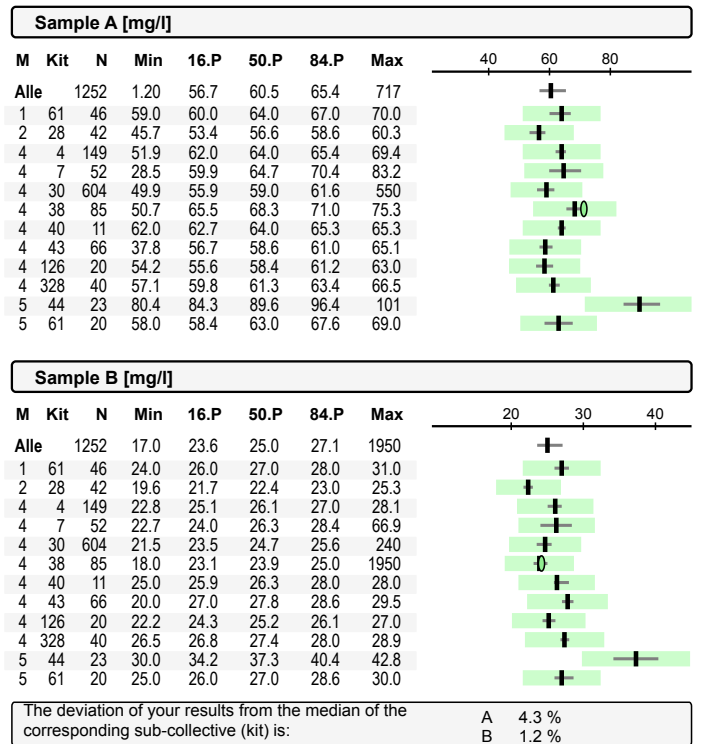
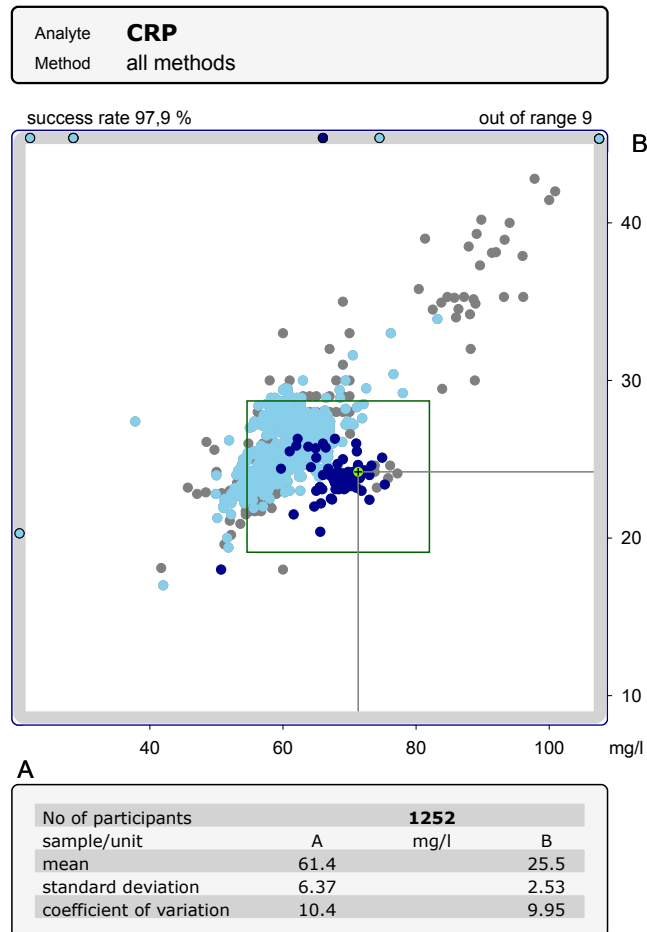
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Other kits (number):
1-04(1), 1-30(1), 2-30(2), 2-43(2), 2-126(1), 2-140(2), 4-13(2), 4-128(1), 4-154(1), 5-04(1), 5-30(1), 7-30(1), 7-43(1),

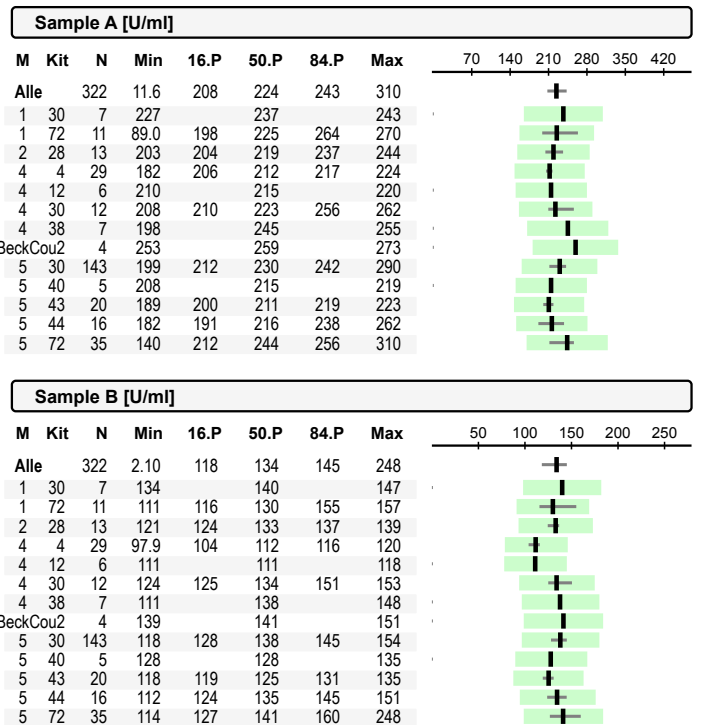
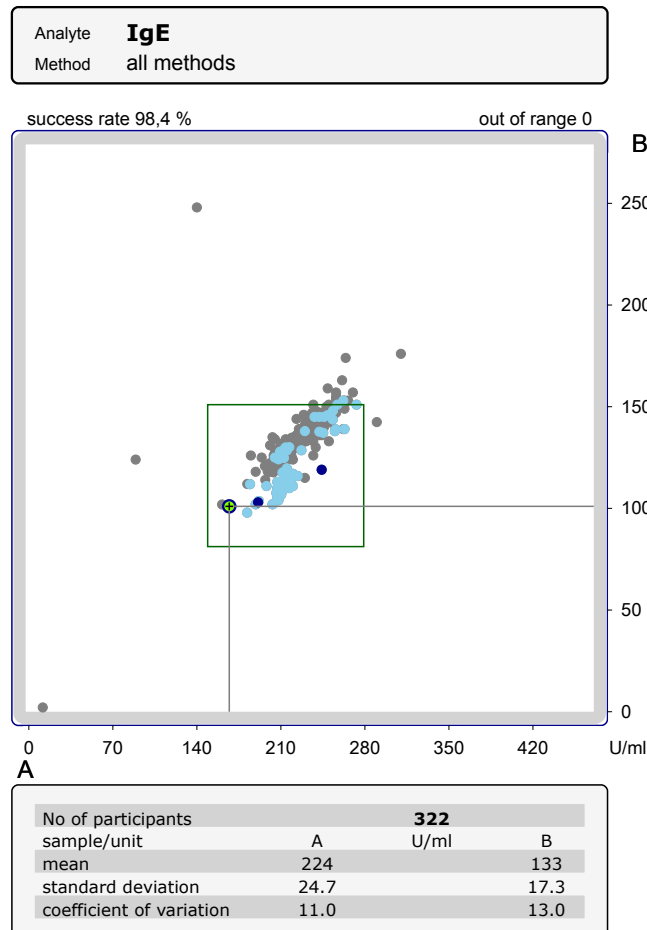






Other kits (number):

1-69(4), 1-99(1), 2-13(9), 4-03(5), 4-507(7), 4-08(1), 4-12(6), 4-13(2), 4-32(1), 4-33(9), 4-34(1), 4-36(2), 4-99(4), 4-128(2), 4-140(3), 4-166(1), 4-364(2), 5-38(1), 5-89(1), 5-99(1), 5-159(5), 6-08(6), 6-89(9), 6-99(1), 6-130(8), 7-99(2),



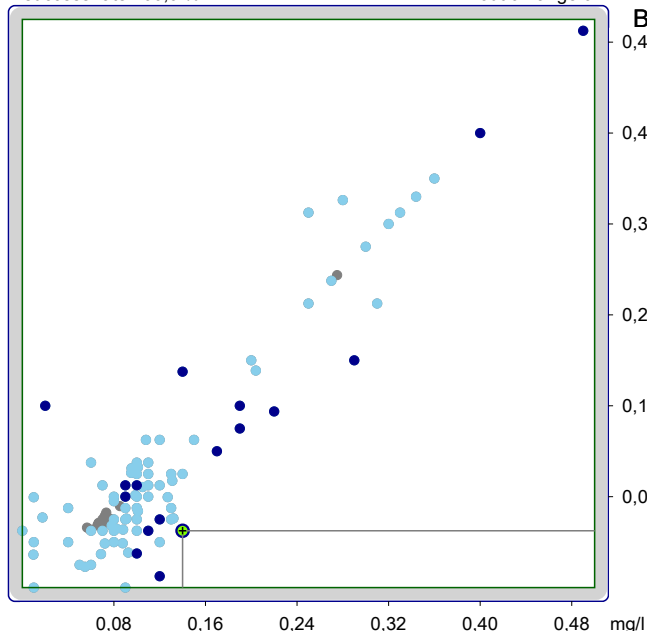
Other kits (number):

1-04(1), 1-05(1), 1-43(1), 1-99(1), > 4-13(3), 4-43(3), 4-140(1), 5-04(1), 5-23(1), 7-99(1),

Analyte **Cystatin C**
Method all methods

success rate 100,0 %

out of range 0



A

No of participants	256		
sample/unit	A	mg/l	B
mean	0.211		0.202
standard deviation	0.135		0.143
coefficient of variation	63.9		70.6

Sample A [mg/l]

M	Kit	N	Min	16.P	50.P	84.P	Max	
Alle	256	0	0.074	0.200	0.400	0.490		
2	28	24	0.056	0.066	0.070	0.075	0.300	
4	4	16	0.090	0.100	0.200	0.300	0.300	
4	12	16	0.060	0.097	0.200	0.200	0.200	
4	30	140	0.009	0.080	0.136	0.400	0.400	
4	38	17	0.020	0.090	0.140	0.303	0.490	
4	43	28	0.108	0.250	0.250	0.250	0.310	
4	140	4	0.330		0.352		0.400	

Sample B [mg/l]

M	Kit	N	Min	16.P	50.P	84.P	Max	
Alle	256	0	0.060	0.196	0.400	0.490		
2	28	24	0.050	0.054	0.060	0.063	0.300	
4	4	16	0.060	0.100	0.200	0.300	0.300	
4	12	16	0.050	0.091	0.200	0.200	0.200	
4	30	140	0	0.060	0.120	0.400	0.400	
4	38	17	0.010	0.047	0.120	0.224	0.490	
4	43	28	0.100	0.250	0.250	0.250	0.330	
4	140	4	0.330		0.352		0.400	

The deviation of your results from the median of the corresponding sub-collective (kit) is:

A 0 %
B -58.33 %

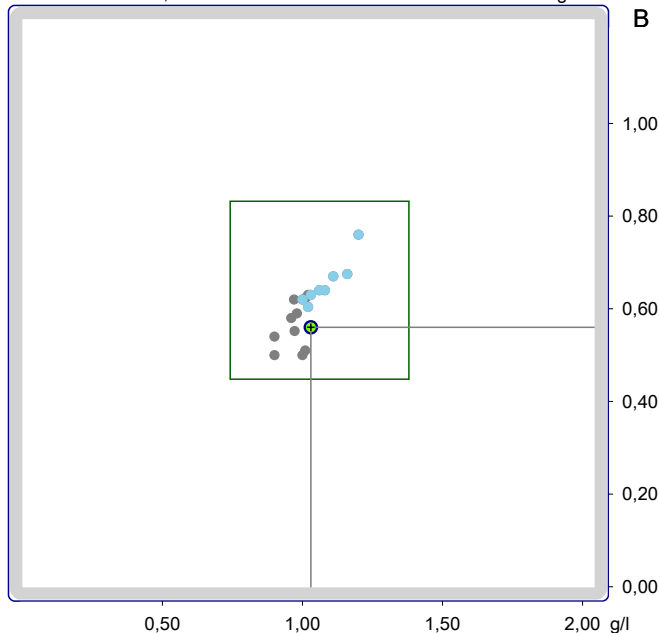
Other kits (number):

2-43(1), 2-295(1), 4-13(1), 4-16(1), 4-36(2), 4-40(1), 4-99(1), 4-108(2), 4-295(1),

Analyte **alpha1-Glycoprot.**
Method all methods

success rate 100,0 %

out of range 0



A

No of participants	20		
sample/unit	A	g/l	B
mean	1.02		0.597
standard deviation	0.079		0.068
coefficient of variation	7.80		11.4

Sample A [g/l]

M	Kit	N	Min	16.P	50.P	84.P	Max	
Alle	20	0.900	0.922	1.01	1.10	1.20		
2	28	8	1.00	1.01	1.07	1.18	1.20	
4	4	2	0.900		0.940		0.980	
4	30	5	0.900		0.972		1.01	
4	140	2	0.970		0.991		1.01	

Sample B [g/l]

M	Kit	N	Min	16.P	50.P	84.P	Max	
Alle	20	0.500	0.504	0.612	0.659	0.760		
2	28	8	0.604	0.611	0.640	0.723	0.760	
4	4	2	0.540		0.565		0.590	
4	30	5	0.500		0.500		0.552	
4	140	2	0.620		0.622		0.624	

Other kits (number):

1-28(1), > 2-13(1)<, 4-38(1),

