

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of groups n = 5

EQA round: HSI/19 - Haemocoagulation Special

Dead line: 24.05.2019

RoM = robust average	AV = assigned value	Dmax = acceptable percent difference
SD = standard deviation	CRV = certified reference value	LL = lower limit
CV = coefficient of variation	RV = reference value	UL = upper limit
Ntot = total number of participants	CVE = consensus value from experts	Neva = number of evaluated participants
Nout = number of results excluded before calculation	CVP = consensus value from all participants	Nsuc = number of successful participants
	CVPG = consensus value from participants groups	Srel = success (relative)
	U _{AV} = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability					Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
Set of samples 1														
(479) Factor VIII												96	89	93%
Samples and groups	[%]													
Sample A1		30,1	3,2	11	96	CVP	30,1	0,79	25%	22,5	37,7	96	89	93%
(38) IL		27,3	2,8	10	15	0						15		
(149) Siemens (Dade)		30,5	2,2	7,3	51	0						51		
(175) DIAGON		31,6	3,8	12	5	0						5		
(193) HYPHEN BioMed		31,0	3,7	12	13	0						13		
Other					12	0						12		
							1x 29, 1x 63, 4x 94, 1x 100, 2x 159, 1x 179, 2x 999							
(480) von Willebrand f. (activity)														
Samples and groups	[%]											23	23	100%
Sample A1		57,7	4,2	7,3	23	CVP	57,7	2,2	30%	40,3	75,1	23	23	100%
(38) IL		58,2	4,2	7,1	5	0						5		
(149) Siemens (Dade)		57,4	3,7	6,4	17	0						17		
Other					1	0						1		
							1x 0							
(481) von Willebrand f. (antigen)														
Samples and groups	[%]											27	26	96%
Sample A1		66,6	4,7	7,1	27	CVP	66,6	2,2	20%	53,2	80	27	26	96%
(38) IL		71,5	3,7	5,2	6	0						6		
(149) Siemens (Dade)		65,4	4,6	7,0	16	0						16		
Other					5	0						5		
							1x 0, 1x 15, 3x 94							
Set of samples 2														
(482) Factor IX												41	36	88%
Samples and groups	[%]													
Sample A2		4,46	1,0	23	41	CVP	4,46	0,40	46%	2,4	6,52	41	36	88%
(38) IL		4,35	0,67	15	8	0						8		
(149) Siemens (Dade)		4,30	1,0	23	21	0						21		
(193) HYPHEN BioMed		4,35	0,96	22	7	0						7		
Other					5	0						5		
							1x 29, 1x 94, 2x 159, 1x 999							
(483) Factor XI														
Samples and groups	[%]											28	26	93%
Sample A2		98,8	9,2	9,3	28	CVP	98,8	4,3	25%	74,1	124	28	26	93%
(38) IL		103	0,96	0,94	5	0						5		
(149) Siemens (Dade)		95,9	11	11	15	0						15		
(193) HYPHEN BioMed		115	30	26	5	0						5		
Other					3	0						3		
							1x 29, 1x 94, 1x 159							
(484) Factor XII														
Samples and groups	[%]											34	28	82%
Sample A2		100	11	11	34	CVP	100	4,5	25%	75	125	34	28	82%
(38) IL		112	28	25	6	0						6		
(149) Siemens (Dade)		97,3	9,3	9,5	20	0						20		
(193) HYPHEN BioMed		110	8,2	7,4	6	0						6		
Other					2	0						2		
							1x 29, 1x 159							
Set of samples 3														
(485) Protein C												81	81	100%
Samples and groups	[%]													
Sample A3		114	5,3	4,6	81	CVP	114	1,4	20%	91,2	137	81	81	100%
(38) IL		116	4,0	3,4	15	0						15		
(149) Siemens (Dade)		115	5,4	4,7	43	0						43		
(193) HYPHEN BioMed		111	3,2	2,9	16	0						16		
Other					7	0						7		
							4x 94, 1x 102, 1x 175, 1x 179							
(486) Protein S														
Samples and groups	[%]											73	73	100%
Sample A3		79,5	13	16	73	CVP	79,5	3,7	30%	55,6	104	73	73	100%
(38) IL		79,4	9,3	12	13	0						13		
(94) Stago		77,9	12	15	8	0						8		

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Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability						N _{eva}	N _{suc}	S _{rel}
							AV	U _{AV}	D _{max}	LL	UL				
(486) Protein S					73								73	73	100%
Samples and groups	[%]														
Sample A3		79,5	13	16	73		CVP	79,5	3,7	30%	55,6	104	73	73	100%
(149) Siemens (Dade)		79,3	16	20	35	0							35		
(193) HYPHEN BioMed		80,7	9,1	11	12	0							12		
Other					5	0							5		
								2x 175, 1x 179, 1x 184, 1x 999							
(487) ProC Global (norm. ratio)					30								30	29	97%
Samples and groups	[-]														
Sample A3		0,458	0,047	10	30		CVP	0,458	0,021	25%	0,343	0,573	30	29	97%
(149) Siemens (Dade)		0,460	0,046	10	29	0							29		
Other					1	0							1		
								1x 179							
Set of samples 4															
(491) Factor II					32								32	31	97%
Samples and groups	[%]														
Sample A4		96,6	10	11	32		CVP	96,6	4,5	25%	72,4	121	32	31	97%
(38) IL		92,6	9,7	10	5	0							5		
(149) Siemens (Dade)		98,1	9,4	9,6	20	0							20		
Other					7	0							7		
								1x 63, 3x 94, 1x 100, 2x 193							
(492) Factor V					34								34	34	100%
Samples and groups	[%]														
Sample A4		95,1	5,9	6,2	34		CVP	95,1	2,5	25%	71,3	119	34	34	100%
(38) IL		92,6	3,0	3,2	5	0							5		
(94) Stago		94,5	6,7	7,1	6	0							6		
(149) Siemens (Dade)		96,4	5,8	6,0	20	0							20		
Other					3	0							3		
								1x 63, 1x 100, 1x 999							
(493) Factor VII					36								36	36	100%
Samples and groups	[%]														
Sample A4		115	12	10	36		CVP	115	4,8	25%	86,2	144	36	36	100%
(38) IL		102	7,2	7,0	5	0							5		
(149) Siemens (Dade)		117	12	10	20	0							20		
Other					11	0							11		
								1x 63, 2x 94, 1x 100, 2x 159, 4x 193, 1x 999							
(494) Factor X					30								30	29	97%
Samples and groups	[%]														
Sample A4		89,8	8,0	8,9	30		CVP	89,8	3,6	25%	67,3	113	30	29	97%
(38) IL		84,6	5,9	7,0	5	0							5		
(149) Siemens (Dade)		91,3	6,5	7,1	18	0							18		
Other					7	0							7		
								1x 63, 3x 94, 3x 193							

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End of report

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