

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of groups n = 5

EQA round: HS2/17 - Haemocoagulation Special

Dead line: 27.10.2017

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		89								89			85	96%
Samples and groups		[%]												
Sample A1		98,9	11	11	89	CVP	98,9	2,8	25%	74,1	124	89	85	96%
(38) IL		83,2	9,8	12	14	0						14		
(149) Siemens (Dade)		102	7,9	7,8	44	0						44		
(175) DIAGON		108	8,4	7,8	5	0						5		
(193) HYPHEN BioMed		95,0	7,6	8,0	13	0						13		
Other					13	0						13		
2x 51, 1x 63, 1x 64, 3x 94, 2x 100, 2x 159, 1x 179, 1x 999														
(480) von Willebrand f. (activity)		24								24			23	96%
Samples and groups		[%]												
Sample A1		59,1	7,1	12	24	CVP	59,1	3,5	30%	41,3	76,9	24	23	96%
(38) IL		70,4	7,9	11	5	0						5		
(149) Siemens (Dade)		57,3	5,1	8,9	18	0						18		
Other					1	0						1		
1x 0														
(481) von Willebrand f. (antigen)		27								27			26	96%
Samples and groups		[%]												
Sample A1		79,8	4,4	5,5	27	CVP	79,8	2,1	20%	63,8	95,8	27	26	96%
(38) IL		82,4	0,15	0,18	5	0						5		
(94) Stago		77,5	6,7	8,6	5	0						5		
(149) Siemens (Dade)		79,5	3,1	3,9	15	0						15		
Other					2	0						2		
1x 0, 1x 15														
Set of samples 2														
(482) Factor IX		40								40			39	98%
Samples and groups		[%]												
Sample A2		93,9	12	13	40	CVP	93,9	4,8	25%	70,4	118	40	39	98%
(38) IL		82,0	12	14	6	0						6		
(149) Siemens (Dade)		92,7	12	13	22	0						22		
(193) HYPHEN BioMed		101	14	13	7	0						7		
Other					5	0						5		
2x 94, 2x 159, 1x 999														
(483) Factor XI		27								27			21	78%
Samples and groups		[%]												
Sample A2		12,5	2,6	21	27	CVP	12,5	1,3	42%	7,25	17,8	27	21	78%
(149) Siemens (Dade)		12,9	2,3	18	17	2						17		
(193) HYPHEN BioMed		13,1	1,6	12	5	0						5		
Other					5	1						5		
3x 38, 2x 159														
(484) Factor XII		34								34			34	100%
Samples and groups		[%]												
Sample A2		101	14	14	34	CVP	101	5,8	25%	75,7	127	34	34	100%
(149) Siemens (Dade)		100	12	12	21	0						21		
(193) HYPHEN BioMed		113	8,8	7,8	6	0						6		
Other					7	0						7		
4x 38, 2x 94, 1x 159														
Set of samples 3														
(485) Protein C		83								83			81	98%
Samples and groups		[%]												
Sample A3		124	6,6	5,3	83	CVP	124	1,8	20%	99,2	149	83	81	98%
(38) IL		122	6,3	5,2	16	0						16		
(149) Siemens (Dade)		126	7,0	5,5	40	0						40		
(193) HYPHEN BioMed		125	3,9	3,2	19	0						19		
Other					8	0						8		
1x 51, 3x 94, 2x 102, 2x 179														
(486) Protein S		76								76			74	97%
Samples and groups		[%]												
Sample A3		83,1	13	16	76	CVP	83,1	3,7	30%	58,1	109	76	74	97%
(38) IL		86,9	8,7	10	13	0						13		
(94) Stago		88,0	10	12	7	0						7		
(149) Siemens (Dade)		79,7	15	19	36	0						36		

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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					76								76	74	97%
Samples and groups	[%]														
Sample A3		83,1	13	16	76		CVP	83,1	3,7	30%	58,1	109	76	74	97%
(193) HYPHEN BioMed		84,5	6,4	7,6	15	0							15		
Other					5	0							5		
								1x 100, 1x 175, 1x 179, 2x 184							
(487) ProC Global (norm. ratio)					37								37	37	100%
Samples and groups	[-]														
Sample A3		0,443	0,029	6,5	37		CVP	0,443	0,012	25%	0,332	0,554	37	37	100%
(149) Siemens (Dade)		0,443	0,029	6,6	36	0							36		
Other					1	0							1		
								1x 179							
Set of samples 4															
(491) Factor II					33								33	33	100%
Samples and groups	[%]														
Sample A4		86,0	7,0	8,2	33		CVP	86	3,0	25%	64,5	108	33	33	100%
(149) Siemens (Dade)		87,1	6,7	7,7	22	0							22		
Other					11	0							11		
								3x 38, 3x 94, 1x 100, 1x 159, 3x 193							
(492) Factor V					36								36	36	100%
Samples and groups	[%]														
Sample A4		107	7,6	7,2	36		CVP	107	3,1	25%	80,2	134	36	36	100%
(94) Stago		107	6,3	5,9	5	0							5		
(149) Siemens (Dade)		106	7,8	7,3	24	0							24		
Other					7	0							7		
								3x 38, 1x 100, 1x 159, 1x 193, 1x 999							
(493) Factor VII					38								38	34	89%
Samples and groups	[%]														
Sample A4		11,7	2,1	18	38		CVP	11,7	0,82	36%	7,48	16	38	34	89%
(149) Siemens (Dade)		11,3	1,1	10	24	0							24		
Other					14	0							14		
								3x 38, 1x 94, 1x 100, 3x 159, 1x 175, 4x 193, 1x 999							
(494) Factor X					30								30	30	100%
Samples and groups	[%]														
Sample A4		87,0	6,3	7,3	30		CVP	87	2,8	25%	65,2	109	30	30	100%
(149) Siemens (Dade)		87,2	6,9	7,9	20	0							20		
Other					10	0							10		
								3x 38, 3x 94, 1x 159, 3x 193							

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End of report

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