

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of groups n = 5

EQA round: HSI/18 - Haemocoagulation Special

Dead line: 25.05.2018

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							96	92	96%
— Samples and groups	[%]													
Sample A1		59,7	5,3	8,8	96	CVP	59,7	1,3	25%	44,7	74,7	96	92	96%
(38) IL		59,3	4,6	7,7	15	0						15		
(149) Siemens (Dade)		59,8	5,5	9,3	49	0						49		
(193) HYPHEN BioMed		59,2	4,8	8,0	15	0						15		
Other					17	0						17		
							1x 29, 1x 51, 1x 63, 3x 94, 3x 100, 2x 159, 4x 175, 1x 179, 1x 999							
(480) von Willebrand f. (activity)					25							25	25	100%
— Samples and groups	[%]													
Sample A1		39,2	5,0	13	25	CVP	39,2	2,5	30%	27,4	51	25	25	100%
(38) IL		41,1	1,6	3,8	5	0						5		
(149) Siemens (Dade)		38,8	4,8	12	19	0						19		
Other					1	0						1		
							1x 0							
(481) von Willebrand f. (antigen)					28							28	26	93%
— Samples and groups	[%]													
Sample A1		50,2	4,5	9,0	28	CVP	50,2	2,1	20%	40,1	60,3	28	26	93%
(38) IL		54,8	0,3	0,54	5	0						5		
(94) Stago		48,5	3,7	7,6	5	0						5		
(149) Siemens (Dade)		49,3	3,4	6,8	16	0						16		
Other					2	0						2		
							1x 0, 1x 15							
Set of samples 2														
(482) Factor IX					42							42	34	81%
— Samples and groups	[%]													
Sample A2		3,79	0,94	25	42	CVP	3,79	0,36	±1,25	2,54	5,04	42	34	81%
(38) IL		4,55	2,0	44	7	0						7		
(149) Siemens (Dade)		3,74	0,92	25	23	0						23		
(193) HYPHEN BioMed		3,55	0,67	19	7	0						7		
Other					5	0						5		
							1x 29, 2x 159, 2x 999							
(483) Factor XI					30							30	29	97%
— Samples and groups	[%]													
Sample A2		99,2	9,7	9,8	30	CVP	99,2	4,3	25%	74,4	124	30	29	97%
(149) Siemens (Dade)		97,1	9,8	10	18	0						18		
(193) HYPHEN BioMed		108	18	16	5	0						5		
Other					7	0						7		
							1x 29, 4x 38, 2x 159							
(484) Factor XII					37							37	36	97%
— Samples and groups	[%]													
Sample A2		100	8,8	8,8	37	CVP	100	3,5	25%	75	125	37	36	97%
(38) IL		98,9	6,1	6,1	5	0						5		
(149) Siemens (Dade)		97,6	6,4	6,6	22	0						22		
(193) HYPHEN BioMed		118	6,7	5,7	6	0						6		
Other					4	0						4		
							1x 0, 1x 29, 1x 94, 1x 159							
Set of samples 3														
(485) Protein C					81							81	79	98%
— Samples and groups	[%]													
Sample A3		41,5	2,9	7,0	81	CVP	41,5	0,79	20%	33,2	49,8	81	79	98%
(38) IL		39,6	1,8	4,5	15	0						15		
(94) Stago		44,5	2,2	5,0	5	0						5		
(149) Siemens (Dade)		41,7	3,0	7,2	39	0						39		
(193) HYPHEN BioMed		42,2	2,0	4,8	19	0						19		
Other					3	0						3		
							2x 102, 1x 179							
(486) Protein S					73							73	72	99%
— Samples and groups	[%]													
Sample A3		83,2	6,9	8,3	73	CVP	83,2	2,0	30%	58,2	109	73	72	99%
(38) IL		82,3	4,8	5,8	12	0						12		
(94) Stago		83,5	8,2	9,8	9	0						9		

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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	72	99%
--- Samples and groups ---	[%]														
Sample A3		83,2	6,9	8,3	73		CVP	83,2	2,0	30%	58,2	109	73	72	99%
(149) Siemens (Dade)		80,3	6,3	7,8	33	0							33		
(193) HYPHEN BioMed		89,4	5,5	6,1	15	0							15		
Other					4	0							4		
								1x 100, 1x 175, 1x 179, 1x 184							
(487) ProC Global (norm. ratio)					35								35	35	100%
--- Samples and groups ---	[-]														
Sample A3		0,631	0,046	7,3	35		CVP	0,631	0,019	25%	0,473	0,789	35	35	100%
(149) Siemens (Dade)		0,630	0,048	7,6	34	0							34		
Other					1	0							1		
								1x 179							
Set of samples 4															
(491) Factor II					34								34	34	100%
--- Samples and groups ---	[%]														
Sample A4		83,1	5,6	6,7	34		CVP	83,1	2,3	25%	62,3	104	34	34	100%
(149) Siemens (Dade)		83,4	5,2	6,2	23	0							23		
Other					11	0							11		
								4x 38, 3x 94, 1x 100, 1x 159, 2x 193							
(492) Factor V					36								36	35	97%
--- Samples and groups ---	[%]														
Sample A4		78,0	5,5	7,1	36		CVP	78	2,3	25%	58,5	97,5	36	35	97%
(94) Stago		72,2	6,2	8,6	5	0							5		
(149) Siemens (Dade)		79,0	5,4	6,8	24	0							24		
Other					7	0							7		
								4x 38, 1x 100, 1x 159, 1x 999							
(493) Factor VII					38								38	38	100%
--- Samples and groups ---	[%]														
Sample A4		114	8,2	7,2	38		CVP	114	3,3	25%	85,5	143	38	38	100%
(149) Siemens (Dade)		115	9,6	8,3	24	0							24		
Other					14	0							14		
								4x 38, 1x 94, 1x 100, 3x 159, 4x 193, 1x 999							
(494) Factor X					31								31	31	100%
--- Samples and groups ---	[%]														
Sample A4		93,6	5,8	6,2	31		CVP	93,6	2,6	25%	70,2	117	31	31	100%
(149) Siemens (Dade)		94,1	6,2	6,6	21	0							21		
Other					10	0							10		
								4x 38, 3x 94, 1x 159, 2x 193							

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End of report

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