

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

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		27,6	2,4	8,9	15	0						15		
(63) Sysmex		30,5	2,6	8,7	61	0						61		
(94) Stago		33,0	7,4	22	8	0						8		
(149) Siemens (Dade)		30,5	1,5	4,9	9	0						9		
Other					3	0						3		
							1x 12, 1x 175, 1x 999							
(480) von Willebrand f. (activity)												23	23	100%
Samples and groups	[%]													
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		
(63) Sysmex		56,8	3,7	6,4	10	0						10		
(149) Siemens (Dade)		59,6	5,3	8,8	6	0						6		
Other					2	0						2		
							1x 0, 1x 94							
(481) von Willebrand f. (antigen)												27	26	96%
Samples and groups	[%]													
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		
(63) Sysmex		65,4	4,2	6,5	11	0						11		
(149) Siemens (Dade)		65,5	5,6	8,6	5	0						5		
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		
(63) Sysmex		4,19	0,90	22	22	0						22		
(94) Stago		5,50	0,74	13	5	0						5		
(149) Siemens (Dade)		5,45	2,0	37	5	0						5		
Other					1	0						1		
							1x 12							
(483) Factor XI												28	26	93%
Samples and groups	[%]													
Sample A2		98,8	9,2	9,3	28	CVP	98,8	4,3	25%	74,1	124	28	26	93%
(38) IL		103	1,6	1,5	5	0						5		
(63) Sysmex		94,0	5,8	6,1	13	0						13		
(149) Siemens (Dade)		98,7	12	13	5	0						5		
Other					5	0						5		
							1x 12, 4x 94							
(484) Factor XII												34	28	82%
Samples and groups	[%]													
Sample A2		100	11	11	34	CVP	100	4,5	25%	75	125	34	28	82%
(38) IL		101	12	12	6	0						6		
(63) Sysmex		96,0	8,9	9,2	18	0						18		
(149) Siemens (Dade)		101	7,0	7,0	5	0						5		
Other					5	0						5		
							1x 12, 4x 94							
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	4,2	3,6	14	0						14		
(63) Sysmex		113	5,4	4,8	48	0						48		
(94) Stago		107	8,9	8,3	7	0						7		
(149) Siemens (Dade)		119	7,9	6,6	9	0						9		
Other					3	0						3		
							1x 12, 1x 175, 1x 999							

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Test	[unit]						Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(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%
(38) IL		80,6	8,8	11	13	0						13		
(63) Sysmex		80,4	13	17	41	0						41		
(94) Stago		80,0	15	19	7	0						7		
(149) Siemens (Dade)		78,2	22	28	9	0						9		
Other					3	0						3		
							1x 12, 1x 175, 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%
(63) Sysmex		0,442	0,051	11	19	0						19		
(94) Stago		0,490	0,015	3,0	5	0						5		
Other					6	0						6		
							1x 27, 1x 38, 4x 149							
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		
(63) Sysmex		98,4	6,2	6,3	18	0						18		
(149) Siemens (Dade)		102	5,6	5,5	5	0						5		
Other					4	0						4		
							4x 94							
(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		
(63) Sysmex		95,6	7,3	7,6	19	0						19		
(94) Stago		95,0	5,9	6,2	5	0						5		
(149) Siemens (Dade)		97,9	1,3	1,4	5	0						5		
(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		
(63) Sysmex		119	12	9,9	21	0						21		
(94) Stago		117	0,74	0,64	5	0						5		
(149) Siemens (Dade)		112	9,7	8,6	5	0						5		
(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		
(63) Sysmex		90,7	8,8	9,8	16	0						16		
(149) Siemens (Dade)		92,5	4,7	5,1	5	0						5		
Other					4	0						4		
							4x 94							

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End of report

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