

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

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						CVP									
(38) IL		59,7	5,3	8,8	96		59,7	1,3	25%	44,7	74,7	96	92	96%	
(63) Sysmex		58,9	5,0	8,5	15	0						15			
(94) Stago		59,9	4,3	7,2	57	0						57			
(149) Siemens (Dade)		59,5	6,7	11	9	0						9			
Other		58,9	7,6	13	12	0						12			
					3	0						3			
					1x 12, 1x 51, 1x 175										
(480) von Willebrand f. (activity)					25							25	25	100%	
Samples and groups															
Sample A1						CVP									
(38) IL		39,2	5,0	13	25		39,2	2,5	30%	27,4	51	25	25	100%	
(63) Sysmex		41,1	1,6	3,8	5	0						5			
(149) Siemens (Dade)		39,7	4,9	12	11	0						11			
Other		37,2	4,2	11	7	0						7			
					2	0						2			
					1x 0, 1x 94										
(481) von Willebrand f. (antigen)					28							28	26	93%	
Samples and groups															
Sample A1						CVP									
(38) IL		50,2	4,5	9,0	28		50,2	2,1	20%	40,1	60,3	28	26	93%	
(63) Sysmex		54,6	0,67	1,2	6	0						6			
(149) Siemens (Dade)		50,3	3,0	6,0	10	0						10			
Other		46,9	2,5	5,4	6	0						6			
					6	0						6			
					1x 0, 1x 15, 4x 94										
Set of samples 2															
(482) Factor IX					42							42	34	81%	
Samples and groups															
Sample A2						CVP									
(38) IL		3,79	0,94	25	42		3,79	0,36	±1,25	2,54	5,04	42	34	81%	
(63) Sysmex		4,07	1,3	32	7	0						7			
(94) Stago		3,31	0,34	10	22	0						22			
(149) Siemens (Dade)		4,30	0,44	10	5	0						5			
Other		6,15	4,1	66	7	0						7			
					1	0						1			
					1x 12										
(483) Factor XI					30							30	29	97%	
Samples and groups															
Sample A2						CVP									
(63) Sysmex		99,2	9,7	9,8	30		99,2	4,3	25%	74,4	124	30	29	97%	
(94) Stago		94,9	7,0	7,4	13	0						13			
(149) Siemens (Dade)		115	8,2	7,1	5	0						5			
Other		99,4	9,3	9,4	7	0						7			
					5	0						5			
					1x 12, 4x 38										
(484) Factor XII					37							37	36	97%	
Samples and groups															
Sample A2						CVP									
(38) IL		100	8,8	8,8	37		100	3,5	25%	75	125	37	36	97%	
(63) Sysmex		98,9	6,1	6,1	5	0						5			
(94) Stago		98,9	8,7	8,8	19	0						19			
(149) Siemens (Dade)		103	16	15	5	0						5			
Other		100	4,9	4,9	7	0						7			
					1	0						1			
					1x 12										
Set of samples 3															
(485) Protein C					81							81	79	98%	
Samples and groups															
Sample A3						CVP									
(38) IL		41,5	2,9	7,0	81		41,5	0,79	20%	33,2	49,8	81	79	98%	
(63) Sysmex		39,7	1,8	4,6	14	0						14			
(94) Stago		41,1	2,6	6,4	44	0						44			
(149) Siemens (Dade)		44,5	2,2	5,0	9	0						9			
Other		43,1	2,1	4,9	12	0						12			
					2	0						2			
					1x 12, 1x 60										

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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%
(38) IL		83,2	3,9	4,7	12	0							12		
(63) Sysmex		83,5	7,3	8,7	39	0							39		
(94) Stago		84,0	8,9	11	9	0							9		
(149) Siemens (Dade)		81,3	6,7	8,3	12	0							12		
Other					1	0							1		
							1x 12								
(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%
(63) Sysmex		0,617	0,05	8,1	21	0							21		
(94) Stago		0,665	0,007	1,1	6	0							6		
(149) Siemens (Dade)		0,645	0,037	5,8	6	0							6		
Other					2	0							2		
							1x 27, 1x 38								
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%
(63) Sysmex		82,8	5,6	6,7	18	0							18		
(94) Stago		79,0	4,4	5,6	5	0							5		
(149) Siemens (Dade)		84,4	6,9	8,2	7	0							7		
Other					4	0							4		
							4x 38								
(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%
(63) Sysmex		78,4	5,1	6,5	20	0							20		
(94) Stago		75,0	10	14	5	0							5		
(149) Siemens (Dade)		80,8	8,2	10	7	0							7		
Other					4	0							4		
							4x 38								
(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%
(63) Sysmex		115	7,8	6,8	22	0							22		
(94) Stago		113	10	9,2	5	0							5		
(149) Siemens (Dade)		111	9,7	8,7	7	0							7		
Other					4	0							4		
							4x 38								
(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%
(63) Sysmex		92,9	5,5	5,9	15	0							15		
(94) Stago		92,5	6,7	7,2	5	0							5		
(149) Siemens (Dade)		99,0	14	14	7	0							7		
Other					4	0							4		
							4x 38								

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End of report

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