

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of groups n = 5

EQA round: HKG3/18 - Haemocoagulation Tests

Dead line: 14.09.2018

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}	
(170) APTT - ratio					160						153	146	95%		
Samples and groups	[-]														
Sample A		1,65	0,31	19	160						153	146	95%		
(38) IL; (253) IL APTT-SP		1,26	0,087	6,9	21	0	CVPG	1,26	0,046	20%	1	1,52	21		
(38) IL; (256) IL SynthASil		1,70	0,15	8,7	7	0	CVPG	1,7	0,14	20%	1,36	2,04	7		
(94) Stago; (260) Stago PTT Automate		1,46	0,089	6,1	8	0	CVPG	1,44	0,046	20%	1,15	1,73	8		
(94) Stago; (265) Stago Cephascreen		1,39	0,074	5,3	5	1	CVPG	1,39	0,074	20%	1,11	1,67	5		
(149) Siemens (Dade); (240) Siemens (Dade) Actin FS		1,57	0,12	7,6	41	0	CVPG	1,57	0,045	20%	1,25	1,89	41		
(149) Siemens (Dade); (241) Siemens (Dade) Actin FSL		1,44	0,097	6,7	10	0	CVPG	1,44	0,075	20%	1,15	1,73	10		
(149) Siemens (Dade); (242) Siemens (Dade) Pathromtin SL		1,97	0,18	9,2	48	0	CVPG	1,98	0,064	20%	1,58	2,38	48		
(175) DIAGON; (257) Diagon Dia-PTT-Liquid		1,61	0,21	13	5	0	CVPG	1,61	0,59	20%	1,28	1,94	5		
(175) DIAGON; (269) Diagon DIA-PTT		1,74	0,082	4,7	5	0	CVPG	1,74	0,23	20%	1,39	2,09	5		
Other					10	0							3		
								1x 46/999, 1x 51/270, 1x 64/248, 2x 94/259, 2x 149/260, 2x 193/266, 1x 207/242							
Sample B		1,81	0,30	16	160						153	146	95%		
(38) IL; (253) IL APTT-SP		1,42	0,087	6,1	21	0	CVPG	1,42	0,047	20%	1,13	1,71	21		
(38) IL; (256) IL SynthASil		1,76	0,19	11	7	0	CVPG	1,76	0,19	20%	1,4	2,12	7		
(94) Stago; (260) Stago PTT Automate		1,64	0,067	4,1	8	0	CVPG	1,6	0,053	20%	1,28	1,92	8		
(94) Stago; (265) Stago Cephascreen		1,55	0,089	5,7	5	1	CVPG	1,55	0,089	20%	1,24	1,86	5		
(149) Siemens (Dade); (240) Siemens (Dade) Actin FS		1,75	0,13	7,4	41	0	CVPG	1,75	0,049	20%	1,4	2,1	41		
(149) Siemens (Dade); (241) Siemens (Dade) Actin FSL		1,64	0,12	7,1	10	0	CVPG	1,64	0,090	20%	1,31	1,97	10		
(149) Siemens (Dade); (242) Siemens (Dade) Pathromtin SL		2,11	0,20	9,4	48	0	CVPG	2,12	0,070	20%	1,69	2,55	48		
(175) DIAGON; (257) Diagon Dia-PTT-Liquid		1,88	0,22	12	5	0	CVPG	1,88	0,63	20%	1,5	2,26	5		
(175) DIAGON; (269) Diagon DIA-PTT		1,95	0,03	1,5	5	0	CVPG	1,95	0,084	20%	1,56	2,34	5		
Other					10	0							3		
								1x 46/999, 1x 51/270, 1x 64/248, 2x 94/259, 2x 149/260, 2x 193/266, 1x 207/242							
(171) Fibrinogen					127						127	123	97%		
Samples and groups	[g/L]														
Sample A		2,18	0,21	9,6	127		CVP	2,18	0,046	25%	1,63	2,73	127	124	98%
(38) IL		2,32	0,20	8,6	23	0							23		
(94) Stago		2,45	0,13	5,4	9	0							9		
(149) Siemens (Dade)		2,07	0,13	6,5	79	0							79		
(175) DIAGON		2,36	0,15	6,3	9	0							9		
Other					7	0							7		
								1x 46, 1x 64, 3x 159, 2x 193							
Sample B		1,81	0,18	9,9	127		CVP	1,81	0,039	25%	1,35	2,27	127	125	98%
(38) IL		1,86	0,20	11	23	0							23		
(94) Stago		2,05	0,082	4,0	9	0							9		
(149) Siemens (Dade)		1,74	0,14	7,9	79	0							79		
(175) DIAGON		2,02	0,12	5,9	9	0							9		
Other					7	0							7		
								1x 46, 1x 64, 3x 159, 2x 193							
(177) Antithrombin					98						98	95	97%		
Samples and groups	[%]														
Sample A		81,5	4,9	6,0	98		CVP	81,5	1,2	18%	66,8	96,2	98	98	100%
(38) IL		78,9	5,1	6,5	20	0							20		
(94) Stago		80,5	2,2	2,8	7	0							7		
(149) Siemens (Dade)		81,8	4,3	5,2	56	0							56		
(193) HYPHEN BioMed		86,3	3,7	4,3	6	0							6		
Other					9	0							9		
								1x 46, 1x 51, 1x 60, 1x 63, 1x 102, 1x 159, 3x 175							
Sample B		70,7	5,1	7,2	98		CVP	70,7	1,3	18%	57,9	83,5	98	95	97%
(38) IL		65,0	6,1	9,4	20	0							20		
(94) Stago		71,5	3,7	5,2	7	0							7		
(149) Siemens (Dade)		71,9	3,8	5,3	56	0							56		
(193) HYPHEN BioMed		74,6	3,3	4,5	6	0							6		
Other					9	0							9		
								1x 46, 1x 51, 1x 60, 1x 63, 1x 102, 1x 159, 3x 175							
(172) Prothrombin test (INR)					162						162	159	98%		
Samples and groups	[-]														
Sample A		1,17	0,093	8,0	162						162	159	98%		
(3) Coagulometr (trom. rabbit br.); (94) Stago		1,30	0,10	7,7	16	0	CVPG	1,33	0,060	20%	1,06	1,6	16		

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Dead line: 14.09.2018

Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability						N _{eva}	N _{suc}	S _{rel}
							AV	U _{AV}	D _{max}	LL	UL				
(172) Prothrombin test (INR)															
Samples and groups		[-]		162								162	159	98%	
Sample A															
Sample A		1,17	0,093	8,0	162							162	159	98%	
(3) Coagulometr (trom. rabbit br.); (175) DIAGON		1,41	0,13	9,5	10	0	CVPG	1,33	0,060	20%	1,06	1,6	10		
(38) IL		1,07	0,036	3,4	24	0	CVP	1,14	0,016	20%	0,912	1,37	24		
(149) Siemens (Dade)		1,16	0,062	5,3	104	0	CVP	1,14	0,016	20%	0,912	1,37	104		
Other				8		0							8		
						1x 3/38, 1x 3/46, 1x 3/51, 1x 3/64, 1x 3/149, 1x 3/166, 1x 94, 1x 175									
Sample B															
Sample B		1,30	0,11	8,5	162							162	160	99%	
(3) Coagulometr (trom. rabbit br.); (94) Stago		1,46	0,098	6,7	16	0	CVPG	1,46	0,054	20%	1,16	1,76	16		
(3) Coagulometr (trom. rabbit br.); (175) DIAGON		1,53	0,15	9,9	10	0	CVPG	1,46	0,054	20%	1,16	1,76	10		
(38) IL		1,18	0,054	4,6	24	0	CVP	1,27	0,018	20%	1,01	1,53	24		
(149) Siemens (Dade)		1,29	0,068	5,3	104	0	CVP	1,27	0,018	20%	1,01	1,53	104		
Other				8		0							8		
						1x 3/38, 1x 3/46, 1x 3/51, 1x 3/64, 1x 3/149, 1x 3/166, 1x 94, 1x 175									
(179) Prothrombin test (ratio)															
Samples and groups		[-]		162								162	159	98%	
Sample A															
Sample A		1,15	0,086	7,4	162							162	160	99%	
(3) Coagulometr (trom. rabbit br.); (94) Stago		1,24	0,096	7,7	16	0	CVPG	1,28	0,058	20%	1,02	1,54	16		
(3) Coagulometr (trom. rabbit br.); (175) DIAGON		1,35	0,13	9,4	9	0	CVPG	1,28	0,058	20%	1,02	1,54	9		
(38) IL		1,07	0,037	3,5	24	0	CVP	1,13	0,016	20%	0,904	1,36	24		
(149) Siemens (Dade)		1,14	0,065	5,7	104	0	CVP	1,13	0,016	20%	0,904	1,36	104		
Other				9		0							9		
						1x 3/27, 1x 3/38, 1x 3/46, 1x 3/51, 1x 3/64, 1x 3/149, 1x 3/166, 1x 94, 1x 175									
Sample B															
Sample B		1,27	0,092	7,2	162							162	159	98%	
(3) Coagulometr (trom. rabbit br.); (94) Stago		1,38	0,12	8,9	16	0	CVPG	1,39	0,058	20%	1,11	1,67	16		
(3) Coagulometr (trom. rabbit br.); (175) DIAGON		1,45	0,089	6,1	9	0	CVPG	1,39	0,058	20%	1,11	1,67	9		
(38) IL		1,18	0,061	5,2	24	0	CVP	1,25	0,017	20%	1	1,5	24		
(149) Siemens (Dade)		1,27	0,067	5,3	104	0	CVP	1,25	0,017	20%	1	1,5	104		
Other				9		0							9		
						1x 3/27, 1x 3/38, 1x 3/46, 1x 3/51, 1x 3/64, 1x 3/149, 1x 3/166, 1x 94, 1x 175									

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End of report

Printed: 24.09.2018