

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of groups n = 5

EQA round: HKG2/18 - Haemocoagulation Tests

Dead line: 15.06.2018

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					AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
		RoM	SD	CV [%]	N _{tot}	N _{out}								
(170) APTT - ratio					281						271	258	95%	
Samples and groups	[-]													
Sample A		1,58	0,24	15	281						271	262	97%	
(38) IL; (253) IL APTT-SP		1,25	0,08	6,4	27	0	CVPG	1,25	0,038	20%	1	1,5	27	
(38) IL; (256) IL SynthASil		1,75	0,26	15	8	0	CVPG	1,72	0,23	20%	1,37	2,07	8	
(94) Stago; (260) Stago PTT Automate		1,48	0,059	4,0	23	0	CVPG	1,48	0,030	20%	1,18	1,78	23	
(94) Stago; (265) Stago Cephascreen		1,42	0,045	3,2	13	0	CVPG	1,42	0,031	20%	1,13	1,71	13	
(149) Siemens (Dade); (240) Siemens (Dade) Actin FS		1,58	0,13	8,0	83	0	CVPG	1,58	0,034	20%	1,26	1,9	83	
(149) Siemens (Dade); (241) Siemens (Dade) Actin FSL		1,42	0,10	7,3	25	0	CVPG	1,42	0,051	20%	1,13	1,71	25	
(149) Siemens (Dade); (242) Siemens (Dade) Pathromtin SL		1,94	0,24	12	48	0	CVPG	1,95	0,084	20%	1,56	2,34	48	
(175) DIAGON; (257) Diagon Dia-PTT-Liquid		1,73	0,14	8,3	16	0	CVPG	1,73	0,088	20%	1,38	2,08	16	
(175) DIAGON; (269) Diagon DIA-PTT		1,58	0,21	13	13	0	CVPG	1,58	0,14	20%	1,26	1,9	13	
(193) HYPHEN BioMed; (266) Hyphen BioMed CEPHEN		1,67	0,16	9,3	10	0	CVPG	1,65	0,12	20%	1,32	1,98	10	
Other					15	0							5	
								1x 5/271, 1x 12/256, 1x 38/242, 1x 38/266, 4x 51/270, 1x 63/240, 1x 63/242, 3x 64/248, 2x 94/259						
Sample B		1,76	0,25	14	281						271	263	97%	
(38) IL; (253) IL APTT-SP		1,41	0,074	5,2	27	0	CVPG	1,41	0,035	20%	1,12	1,7	27	
(38) IL; (256) IL SynthASil		1,85	0,25	14	8	0	CVPG	1,76	0,049	20%	1,4	2,12	8	
(94) Stago; (260) Stago PTT Automate		1,67	0,058	3,5	23	0	CVPG	1,67	0,030	20%	1,33	2,01	23	
(94) Stago; (265) Stago Cephascreen		1,58	0,038	2,4	13	0	CVPG	1,58	0,026	20%	1,26	1,9	13	
(149) Siemens (Dade); (240) Siemens (Dade) Actin FS		1,76	0,14	8,2	83	0	CVPG	1,76	0,038	20%	1,4	2,12	83	
(149) Siemens (Dade); (241) Siemens (Dade) Actin FSL		1,60	0,11	6,9	25	0	CVPG	1,6	0,054	20%	1,28	1,92	25	
(149) Siemens (Dade); (242) Siemens (Dade) Pathromtin SL		2,08	0,18	8,8	48	0	CVPG	2,09	0,065	20%	1,67	2,51	48	
(175) DIAGON; (257) Diagon Dia-PTT-Liquid		1,99	0,15	7,6	16	0	CVPG	1,99	0,093	20%	1,59	2,39	16	
(175) DIAGON; (269) Diagon DIA-PTT		1,73	0,27	16	13	0	CVPG	1,73	0,19	20%	1,38	2,08	13	
(193) HYPHEN BioMed; (266) Hyphen BioMed CEPHEN		1,87	0,17	9,2	10	0	CVPG	1,86	0,12	20%	1,48	2,24	10	
Other					15	0							5	
								1x 5/271, 1x 12/256, 1x 38/242, 1x 38/266, 4x 51/270, 1x 63/240, 1x 63/242, 3x 64/248, 2x 94/259						
(171) Fibrinogen					216						216	212	98%	
Samples and groups	[g/L]													
Sample A		2,19	0,22	10	216		CVP	2,19	0,037	25%	1,64	2,74	216	
(38) IL		2,32	0,16	6,9	24	0							24	
(51) Technoclone		2,27	0,052	2,3	5	0							5	
(94) Stago		2,46	0,15	6,2	21	0							21	
(149) Siemens (Dade)		2,09	0,14	6,6	125	0							125	
(159) Grifols		2,29	0,32	14	6	0							6	
(175) DIAGON		2,38	0,18	7,4	24	0							24	
(193) HYPHEN BioMed		2,39	0,074	3,1	6	0							6	
Other					5	0							5	
								1x 12, 3x 63, 1x 100						
Sample B		1,82	0,17	9,4	216		CVP	1,82	0,028	25%	1,36	2,28	216	
(38) IL		1,87	0,17	9,1	24	0							24	
(51) Technoclone		1,99	0,13	6,3	5	0							5	
(94) Stago		2,00	0,15	7,4	21	0							21	
(149) Siemens (Dade)		1,75	0,13	7,3	125	0							125	
(159) Grifols		1,81	0,19	10	6	0							6	
(175) DIAGON		1,95	0,18	9,0	24	0							24	
(193) HYPHEN BioMed		1,90	0,16	8,2	6	0							6	
Other					5	0							5	
								1x 12, 3x 63, 1x 100						
(177) Antithrombin					150						150	142	95%	
Samples and groups	[%]													
Sample A		82,3	5,2	6,3	150		CVP	82,3	1,0	18%	67,4	97,2	150	
(38) IL		79,6	3,2	4,0	18	0							18	
(94) Stago		82,7	5,6	6,8	14	0							14	
(149) Siemens (Dade)		83,0	5,2	6,3	83	0							83	
(175) DIAGON		81,2	6,2	7,7	12	0							12	
(193) HYPHEN BioMed		83,5	6,9	8,2	11	0							11	
Other					12	0							12	
								1x 12, 3x 51, 3x 60, 2x 63, 1x 100, 1x 159, 1x 179						
Sample B		71,2	5,2	7,3	150		CVP	71,2	1,0	18%	58,3	84,1	150	

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EQA round: HKG2/18 - Haemocoagulation Tests

Dead line: 15.06.2018

Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability						N _{eva}	N _{suc}	S _{rel}	
							AV	U _{AV}	D _{max}	LL	UL					
(177) Antithrombin					150							150	142	95%		
Samples and groups	[%]															
Sample B		71,2	5,2	7,3	150		CVP	71,2	1,0	18%	58,3	84,1	150	143	95%	
(38) IL		66,3	3,7	5,6	18	0							18			
(94) Stago		71,1	6,2	8,7	14	0							14			
(149) Siemens (Dade)		72,8	4,8	6,6	83	0							83			
(175) DIAGON		68,9	5,5	7,9	12	0							12			
(193) HYPHEN BioMed		71,7	4,9	6,8	11	0							11			
Other					12	0							12			
								1x 12, 3x 51, 3x 60, 2x 63, 1x 100, 1x 159, 1x 179								
(172) Prothrombin test (INR)					287							287	271	94%		
Samples and groups	[-]															
Sample A		1,18	0,097	8,3	287							287	272	95%		
(3) Coagulometr (trom. rabbit br.); (51) Technoclone		1,11	0,022	2,0	5	0	CVPG	1,3	0,043	20%	1,04	1,56	5			
(3) Coagulometr (trom. rabbit br.); (94) Stago		1,28	0,077	6,0	34	0	CVPG	1,3	0,043	20%	1,04	1,56	34			
(3) Coagulometr (trom. rabbit br.); (175) DIAGON		1,37	0,19	14	21	0	CVPG	1,3	0,043	20%	1,04	1,56	21			
(38) IL		1,07	0,034	3,1	30	0	CVP	1,14	0,011	20%	0,912	1,37	30			
(94) Stago		1,15	0,044	3,8	11	0	CVP	1,14	0,011	20%	0,912	1,37	11			
(149) Siemens (Dade)		1,15	0,058	5,0	156	0	CVP	1,14	0,011	20%	0,912	1,37	156			
(175) DIAGON		1,38	0,24	17	9	0	CVP	1,14	0,011	20%	0,912	1,37	9			
Other					21	0							21			
								1x 3/5, 1x 3/38, 1x 3/46, 3x 3/64, 2x 3/100, 4x 3/149, 2x 3/166, 1x 3/193, 2x 3/999, 1x 12, 2x 63, 1x 179								
Sample B		1,31	0,12	9,2	287							287	278	97%		
(3) Coagulometr (trom. rabbit br.); (51) Technoclone		1,23	0,03	2,4	5	0	CVPG	1,43	0,038	20%	1,14	1,72	5			
(3) Coagulometr (trom. rabbit br.); (94) Stago		1,46	0,083	5,7	34	0	CVPG	1,43	0,038	20%	1,14	1,72	34			
(3) Coagulometr (trom. rabbit br.); (175) DIAGON		1,44	0,15	11	21	0	CVPG	1,43	0,038	20%	1,14	1,72	21			
(38) IL		1,18	0,047	3,9	30	0	CVP	1,27	0,014	20%	1,01	1,53	30			
(94) Stago		1,24	0,033	2,7	11	0	CVP	1,27	0,014	20%	1,01	1,53	11			
(149) Siemens (Dade)		1,28	0,072	5,6	156	0	CVP	1,27	0,014	20%	1,01	1,53	156			
(175) DIAGON		1,45	0,18	12	9	0	CVP	1,27	0,014	20%	1,01	1,53	9			
Other					21	0							21			
								1x 3/5, 1x 3/38, 1x 3/46, 3x 3/64, 2x 3/100, 4x 3/149, 2x 3/166, 1x 3/193, 2x 3/999, 1x 12, 2x 63, 1x 179								
(179) Prothrombin test (ratio)					284							284	272	96%		
Samples and groups	[-]															
Sample A		1,16	0,079	6,8	284							284	272	96%		
(3) Coagulometr (trom. rabbit br.); (51) Technoclone		1,11	0,03	2,7	5	0	CVPG	1,25	0,037	20%	1	1,5	5			
(3) Coagulometr (trom. rabbit br.); (94) Stago		1,21	0,054	4,4	34	0	CVPG	1,25	0,037	20%	1	1,5	34			
(3) Coagulometr (trom. rabbit br.); (175) DIAGON		1,32	0,16	12	20	0	CVPG	1,25	0,037	20%	1	1,5	20			
(38) IL		1,07	0,032	3,0	30	0	CVP	1,14	0,011	20%	0,912	1,37	30			
(94) Stago		1,17	0,046	3,9	11	0	CVP	1,14	0,011	20%	0,912	1,37	11			
(149) Siemens (Dade)		1,15	0,058	5,0	156	0	CVP	1,14	0,011	20%	0,912	1,37	156			
(175) DIAGON		1,36	0,26	19	7	0	CVP	1,14	0,011	20%	0,912	1,37	7			
Other					21	0							21			
								1x 3/5, 1x 3/27, 1x 3/38, 1x 3/46, 4x 3/64, 2x 3/100, 2x 3/149, 2x 3/166, 1x 3/193, 2x 3/999, 1x 12, 2x 63, 1x 179								
Sample B		1,28	0,091	7,1	284							284	278	98%		
(3) Coagulometr (trom. rabbit br.); (51) Technoclone		1,25	0,022	1,8	5	0	CVPG	1,35	0,029	20%	1,08	1,62	5			
(3) Coagulometr (trom. rabbit br.); (94) Stago		1,35	0,064	4,7	34	0	CVPG	1,35	0,029	20%	1,08	1,62	34			
(3) Coagulometr (trom. rabbit br.); (175) DIAGON		1,37	0,13	9,2	20	0	CVPG	1,35	0,029	20%	1,08	1,62	20			
(38) IL		1,18	0,046	3,9	30	0	CVP	1,26	0,014	20%	1	1,52	30			
(94) Stago		1,26	0,031	2,4	11	0	CVP	1,26	0,014	20%	1	1,52	11			
(149) Siemens (Dade)		1,27	0,07	5,5	156	0	CVP	1,26	0,014	20%	1	1,52	156			
(175) DIAGON		1,35	0,22	16	7	0	CVP	1,26	0,014	20%	1	1,52	7			
Other					21	0							21			
								1x 3/5, 1x 3/27, 1x 3/38, 1x 3/46, 4x 3/64, 2x 3/100, 2x 3/149, 2x 3/166, 1x 3/193, 2x 3/999, 1x 12, 2x 63, 1x 179								

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End of report

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