

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of groups n = 5

EQA round: HKG4/18 - Haemocoagulation Tests

Dead line: 30.11.2018

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					N _{eva}	N _{suc}	S _{rel}
		RoM	SD	CV [%]	N _{tot}	N _{out}			
(170) APTT - ratio					303		292	283	97%
Samples and groups	[-]								
Sample A		1,63	0,25	16	303		292	283	97%
(0) Not specified; (240) Siemens (Dade) Actin FS		1,62	0,094	5,8	95	0	95		
(0) Not specified; (241) Siemens (Dade) Actin FSL		1,34	0,048	3,6	28	0	28		
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		2,05	0,11	5,3	59	0	59		
(0) Not specified; (253) IL APTT-SP		1,47	0,094	6,4	30	0	30		
(0) Not specified; (256) IL SynthASil		1,42	0,045	3,1	9	0	9		
(0) Not specified; (257) Diagon Dia-PTT-Liquid		1,77	0,087	4,9	17	0	17		
(0) Not specified; (260) Stago PTT Automate		1,55	0,093	6,0	19	0	19		
(0) Not specified; (265) Stago Cephascreen		1,49	0,073	4,9	13	0	13		
(0) Not specified; (266) Hyphen BioMed CEPHEN		1,64	0,086	5,2	10	0	10		
(0) Not specified; (269) Diagon DIA-PTT		1,49	0,36	24	12	0	12		
Other					11	0	0		
							1x 0/245, 3x 0/248, 2x 0/259, 4x 0/270, 1x 0/271		
Sample B		1,04	0,057	5,5	303		292	288	99%
(0) Not specified; (240) Siemens (Dade) Actin FS		1,02	0,043	4,2	95	0	95		
(0) Not specified; (241) Siemens (Dade) Actin FSL		1,01	0,03	2,9	28	0	28		
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		1,09	0,045	4,1	59	0	59		
(0) Not specified; (253) IL APTT-SP		1,05	0,035	3,4	30	0	30		
(0) Not specified; (256) IL SynthASil		0,990	0,045	4,5	9	0	9		
(0) Not specified; (257) Diagon Dia-PTT-Liquid		1,09	0,043	4,0	17	0	17		
(0) Not specified; (260) Stago PTT Automate		1,03	0,047	4,6	19	0	19		
(0) Not specified; (265) Stago Cephascreen		1,01	0,035	3,5	13	0	13		
(0) Not specified; (266) Hyphen BioMed CEPHEN		1,00	0,035	3,5	10	0	10		
(0) Not specified; (269) Diagon DIA-PTT		0,951	0,19	20	12	0	12		
Other					11	0	0		
							1x 0/245, 3x 0/248, 2x 0/259, 4x 0/270, 1x 0/271		
(171) Fibrinogen					230		230	223	97%
Samples and groups	[g/L]								
Sample A		2,03	0,23	11	230		230	224	97%
(1) Coagulometer		2,03	0,23	11	228	0	228		
Other					2	0	2		
							1x 3, 1x 99		
Sample B		2,91	0,24	8,1	230		230	229	100%
(1) Coagulometer		2,91	0,23	8,1	228	0	228		
Other					2	0	2		
							1x 3, 1x 99		
(177) Antithrombin					163		163	156	96%
Samples and groups	[%]								
Sample A		37,5	5,0	13	163		163	157	96%
(1) Coagulometer		40,5	8,0	20	11	0	11		
(4) Chromogenous substrat		37,3	4,7	13	152	0	152		
Sample B		99,9	4,6	4,6	163		163	162	99%
(1) Coagulometer		98,1	7,2	7,3	11	0	11		
(4) Chromogenous substrat		100	4,5	4,5	152	0	152		
(172) Prothrombin test (INR)					305		305	299	98%
Samples and groups	[-]								
Sample A		1,85	0,13	6,8	305		305	300	98%
(1) Coagulometr (trom. human plac.)		1,89	0,11	5,9	178	0	178		
(2) Coagulometr (trom. human rec.)		1,78	0,13	7,0	59	0	59		
(3) Coagulometr (trom. rabbit br.)		1,81	0,13	7,0	68	0	68		
Sample B		1,00	0,053	5,3	305		305	304	100%
(1) Coagulometr (trom. human plac.)		1,00	0,049	4,9	178	0	178		
(2) Coagulometr (trom. human rec.)		1,04	0,053	5,1	59	0	59		

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Dead line: 30.11.2018

Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability									
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}		
(172) Prothrombin test (INR)													305	299	98%	
Samples and groups																
Sample B		1,00	0,053	5,3	305		CVP	1,0074	20%	0,8	1,2		305	304	100%	
(3) Coagulometr (trom. rabbit br.)		0,990	0,052	5,3	68	0							68			
(179) Prothrombin test (ratio)													301	294	98%	
Samples and groups																
Sample A		1,80	0,14	7,7	301		CVP	1,80020	20%	1,44	2,16		301	295	98%	
(1) Coagulometr (trom. human plac.)		1,84	0,11	5,9	177	0							177			
(2) Coagulometr (trom. human rec.)		1,78	0,14	8,0	60	0							60			
(3) Coagulometr (trom. rabbit br.)		1,68	0,11	6,7	64	0							64			
Sample B		1,00	0,052	5,2	301		CVP	1,0073	20%	0,8	1,2		301	298	99%	
(1) Coagulometr (trom. human plac.)		0,999	0,049	4,9	177	0							177			
(2) Coagulometr (trom. human rec.)		1,03	0,054	5,2	60	0							60			
(3) Coagulometr (trom. rabbit br.)		0,991	0,045	4,6	64	0							64			
(173) Thrombin time (time)													102	90	88%	
Samples and groups																
Sample A		16,4	3,2	19	116								102	91	89%	
(0) Not specified; (38) IL		18,9	1,8	9,6	11	0	CVPG	18,9	1,3	20%	15,1	22,7	11			
(0) Not specified; (94) Stago		17,8	0,79	4,4	15	0	CVPG	17,8	0,50	20%	14,2	21,4	15			
(0) Not specified; (149) Siemens (Dade)		15,0	1,8	12	64	0	CVPG	15	0,56	20%	12	18	64			
(0) Not specified; (175) DIAGON		20,2	1,1	5,7	12	0	CVPG	20,2	0,81	20%	16,1	24,3	12			
Other					14	0							0			
								1x 0/12, 3x 0/51, 1x 0/63, 2x 0/100, 1x 0/126, 3x 0/179, 2x 0/193, 1x 0/998					102	95	93%	
Sample B		13,8	2,2	16	116								102	95	93%	
(0) Not specified; (38) IL		15,0	1,3	8,3	11	0	CVPG	15	0,93	20%	12	18	11			
(0) Not specified; (94) Stago		15,4	0,77	5,0	15	0	CVPG	15,4	0,48	20%	12,3	18,5	15			
(0) Not specified; (149) Siemens (Dade)		12,6	0,84	6,7	64	0	CVPG	12,6	0,26	20%	10	15,2	64			
(0) Not specified; (175) DIAGON		18,1	1,5	8,5	12	0	CVPG	18,1	1,1	20%	14,4	21,8	12			
Other					14	0							0			
								1x 0/12, 3x 0/51, 1x 0/63, 2x 0/100, 1x 0/126, 3x 0/179, 2x 0/193, 1x 0/998					102	95	93%	
(174) Thrombin time (ratio)													85	74	87%	
Samples and groups																
Sample A		1,06	0,15	14	95								85	78	92%	
(0) Not specified; (38) IL		1,33	0,12	9,0	11	0	CVPG	1,33	0,088	20%	1,06	1,6	11			
(0) Not specified; (94) Stago		1,06	0,064	6,0	13	0	CVPG	1,06	0,043	20%	0,848	1,28	13			
(0) Not specified; (149) Siemens (Dade)		1,03	0,12	11	49	0	CVPG	1,03	0,041	20%	0,824	1,24	49			
(0) Not specified; (175) DIAGON		0,940	0,14	14	12	0	CVPG	0,94	0,096	20%	0,752	1,13	12			
Other					10	0							0			
								1x 0/12, 3x 0/51, 2x 0/100, 1x 0/126, 2x 0/193, 1x 0/998					85	78	92%	
Sample B		0,904	0,097	11	95								85	78	92%	
(0) Not specified; (38) IL		1,06	0,095	9,0	11	0	CVPG	1,06	0,070	20%	0,848	1,28	11			
(0) Not specified; (94) Stago		0,916	0,047	5,1	13	0	CVPG	0,916	0,032	20%	0,732	1,1	13			
(0) Not specified; (149) Siemens (Dade)		0,878	0,096	11	49	0	CVPG	0,878	0,034	20%	0,702	1,06	49			
(0) Not specified; (175) DIAGON		0,832	0,12	14	12	0	CVPG	0,832	0,083	20%	0,665	0,999	12			
Other					10	0							0			
								1x 0/12, 3x 0/51, 2x 0/100, 1x 0/126, 2x 0/193, 1x 0/998					85	78	92%	

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End of report

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