

## Summary statistics - quantitative results

(Groups: measurement principle)

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 <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability					Comparability								
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>	
<b>(170) APTT - ratio</b>					160							153	146	95%	
Samples and groups	[-]														
<b>Sample A</b>		1,65	0,31	19	160							153	146	95%	
(0) Not specified; (240) Siemens (Dade) Actin FS		1,57	0,12	7,6	41	0	CVPG	1,57	0,045	20%	1,25	1,89	41		
(0) Not specified; (241) Siemens (Dade) Actin FSL		1,44	0,097	6,7	10	0	CVPG	1,44	0,075	20%	1,15	1,73	10		
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		1,98	0,18	9,2	49	0	CVPG	1,98	0,064	20%	1,58	2,38	49		
(0) Not specified; (253) IL APTT-SP		1,26	0,087	6,9	21	0	CVPG	1,26	0,046	20%	1	1,52	21		
(0) Not specified; (256) IL SynthASil		1,70	0,15	8,7	7	0	CVPG	1,7	0,14	20%	1,36	2,04	7		
(0) Not specified; (257) Diagon Dia-PTT-Liquid		1,61	0,21	13	5	0	CVPG	1,61	0,59	20%	1,28	1,94	5		
(0) Not specified; (260) Stago PTT Automate		1,44	0,059	4,1	10	0	CVPG	1,44	0,046	20%	1,15	1,73	10		
(0) Not specified; (265) Stago Cephascreen		1,39	0,074	5,3	5	1	CVPG	1,39	0,074	20%	1,11	1,67	5		
(0) Not specified; (269) Diagon DIA-PTT		1,74	0,082	4,7	5	0	CVPG	1,74	0,23	20%	1,39	2,09	5		
Other					7	0							0		
								1x 0/248, 2x 0/259, 2x 0/266, 1x 0/270, 1x 0/999							
<b>Sample B</b>		1,81	0,30	16	160							153	146	95%	
(0) Not specified; (240) Siemens (Dade) Actin FS		1,75	0,13	7,4	41	0	CVPG	1,75	0,049	20%	1,4	2,1	41		
(0) Not specified; (241) Siemens (Dade) Actin FSL		1,64	0,12	7,1	10	0	CVPG	1,64	0,090	20%	1,31	1,97	10		
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		2,12	0,20	9,4	49	0	CVPG	2,12	0,070	20%	1,69	2,55	49		
(0) Not specified; (253) IL APTT-SP		1,42	0,087	6,1	21	0	CVPG	1,42	0,047	20%	1,13	1,71	21		
(0) Not specified; (256) IL SynthASil		1,76	0,19	11	7	0	CVPG	1,76	0,19	20%	1,4	2,12	7		
(0) Not specified; (257) Diagon Dia-PTT-Liquid		1,88	0,22	12	5	0	CVPG	1,88	0,63	20%	1,5	2,26	5		
(0) Not specified; (260) Stago PTT Automate		1,60	0,068	4,3	10	0	CVPG	1,6	0,053	20%	1,28	1,92	10		
(0) Not specified; (265) Stago Cephascreen		1,55	0,089	5,7	5	1	CVPG	1,55	0,089	20%	1,24	1,86	5		
(0) Not specified; (269) Diagon DIA-PTT		1,95	0,03	1,5	5	0	CVPG	1,95	0,084	20%	1,56	2,34	5		
Other					7	0							0		
								1x 0/248, 2x 0/259, 2x 0/266, 1x 0/270, 1x 0/999							
<b>(171) Fibrinogen</b>					127							127	123	97%	
Samples and groups	[g/L]														
<b>Sample A</b>		2,18	0,21	9,6	127		CVP	2,18	0,046	25%	1,63	2,73	127	124	98%
(1) Coagulometer		2,17	0,21	9,6	125	0							125		
Other					2	0							2		
								2x 3							
<b>Sample B</b>		1,81	0,18	9,9	127		CVP	1,81	0,039	25%	1,35	2,27	127	125	98%
(1) Coagulometer		1,80	0,18	9,8	125	0							125		
Other					2	0							2		
								2x 3							
<b>(177) Antithrombin</b>					98							98	95	97%	
Samples and groups	[%]														
<b>Sample A</b>		81,5	4,9	6,0	98		CVP	81,5	1,2	18%	66,8	96,2	98	98	100%
(4) Chromogenous substrat		81,6	4,9	6,0	97	0							97		
Other					1	0							1		
								1x 1							
<b>Sample B</b>		70,7	5,1	7,2	98		CVP	70,7	1,3	18%	57,9	83,5	98	95	97%
(4) Chromogenous substrat		70,8	5,1	7,2	97	0							97		
Other					1	0							1		
								1x 1							
<b>(172) Prothrombin test (INR)</b>					162							162	159	98%	
Samples and groups	[-]														
<b>Sample A</b>		1,17	0,093	8,0	162							162	159	98%	
(1) Coagulometr (trom. human plac.)		1,16	0,063	5,5	106	0	CVP	1,14	0,016	20%	0,912	1,37	106		
(2) Coagulometr (trom. human rec.)		1,07	0,036	3,4	24	0	CVP	1,14	0,016	20%	0,912	1,37	24		
(3) Coagulometr (trom. rabbit br.)		1,33	0,14	10	32	0	CVPG	1,33	0,060	20%	1,06	1,6	32		
<b>Sample B</b>		1,30	0,11	8,5	162							162	160	99%	
(1) Coagulometr (trom. human plac.)		1,29	0,071	5,5	106	0	CVP	1,27	0,018	20%	1,01	1,53	106		
(2) Coagulometr (trom. human rec.)		1,18	0,054	4,6	24	0	CVP	1,27	0,018	20%	1,01	1,53	24		
(3) Coagulometr (trom. rabbit br.)		1,46	0,12	8,5	32	0	CVPG	1,46	0,054	20%	1,16	1,76	32		

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Test	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability							
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>
<b>(179) Prothrombin test (ratio)</b>					162							162	159	98%
Samples and groups	[-]													
<b>Sample A</b>		1,15	0,086	7,4	162							162	160	99%
(1) Coagulometr (trom. human plac.)		1,15	0,067	5,8	106	0	CVP	1,13	0,016	20%	0,904	1,36		106
(2) Coagulometr (trom. human rec.)		1,07	0,037	3,5	24	0	CVP	1,13	0,016	20%	0,904	1,36		24
(3) Coagulometr (trom. rabbit br.)		1,28	0,13	11	32	0	CVPG	1,28	0,058	20%	1,02	1,54		32
<b>Sample B</b>		1,27	0,092	7,2	162							162	159	98%
(1) Coagulometr (trom. human plac.)		1,27	0,069	5,4	106	0	CVP	1,25	0,017	20%	1	1,5		106
(2) Coagulometr (trom. human rec.)		1,18	0,061	5,2	24	0	CVP	1,25	0,017	20%	1	1,5		24
(3) Coagulometr (trom. rabbit br.)		1,39	0,13	9,6	32	0	CVPG	1,39	0,058	20%	1,11	1,67		32

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End of report

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