

## Summary statistics - quantitative results

(Groups: measurement principle)

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

Test	[unit]	Comparability					Comparability			N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>			
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>				LL	UL	
<b>(170) APTT - ratio</b>					281						271	258	95%		
Samples and groups	[-]														
<b>Sample A</b>		1,58	0,24	15	281						271	262	97%		
(0) Not specified; (240) Siemens (Dade) Actin FS		1,58	0,13	8,0	84	0	CVPG	1,58	0,034	20%	1,26	1,9	84		
(0) Not specified; (241) Siemens (Dade) Actin FSL		1,42	0,10	7,3	25	0	CVPG	1,42	0,051	20%	1,13	1,71	25		
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		1,95	0,24	12	50	0	CVPG	1,95	0,084	20%	1,56	2,34	50		
(0) Not specified; (253) IL APTT-SP		1,25	0,08	6,4	27	0	CVPG	1,25	0,038	20%	1	1,5	27		
(0) Not specified; (256) IL SynthASil		1,72	0,19	11	9	0	CVPG	1,72	0,23	20%	1,37	2,07	9		
(0) Not specified; (257) Diagon Dia-PTT-Liquid		1,73	0,14	8,3	16	0	CVPG	1,73	0,088	20%	1,38	2,08	16		
(0) Not specified; (260) Stago PTT Automate		1,48	0,059	4,0	23	0	CVPG	1,48	0,030	20%	1,18	1,78	23		
(0) Not specified; (265) Stago Cephascreen		1,42	0,045	3,2	13	0	CVPG	1,42	0,031	20%	1,13	1,71	13		
(0) Not specified; (266) Hyphen BioMed CEPHEN		1,65	0,16	9,8	11	0	CVPG	1,65	0,12	20%	1,32	1,98	11		
(0) Not specified; (269) Diagon DIA-PTT		1,58	0,21	13	13	0	CVPG	1,58	0,14	20%	1,26	1,9	13		
Other					10	0							0		
								3x 0/248, 2x 0/259, 4x 0/270, 1x 0/271							
<b>Sample B</b>		1,76	0,25	14	281						271	263	97%		
(0) Not specified; (240) Siemens (Dade) Actin FS		1,76	0,14	8,1	84	0	CVPG	1,76	0,038	20%	1,4	2,12	84		
(0) Not specified; (241) Siemens (Dade) Actin FSL		1,60	0,11	6,9	25	0	CVPG	1,6	0,054	20%	1,28	1,92	25		
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		2,09	0,19	9,0	50	0	CVPG	2,09	0,065	20%	1,67	2,51	50		
(0) Not specified; (253) IL APTT-SP		1,41	0,074	5,2	27	0	CVPG	1,41	0,035	20%	1,12	1,7	27		
(0) Not specified; (256) IL SynthASil		1,76	0,039	2,2	9	0	CVPG	1,76	0,049	20%	1,4	2,12	9		
(0) Not specified; (257) Diagon Dia-PTT-Liquid		1,99	0,15	7,6	16	0	CVPG	1,99	0,093	20%	1,59	2,39	16		
(0) Not specified; (260) Stago PTT Automate		1,67	0,058	3,5	23	0	CVPG	1,67	0,030	20%	1,33	2,01	23		
(0) Not specified; (265) Stago Cephascreen		1,58	0,038	2,4	13	0	CVPG	1,58	0,026	20%	1,26	1,9	13		
(0) Not specified; (266) Hyphen BioMed CEPHEN		1,86	0,16	8,6	11	0	CVPG	1,86	0,12	20%	1,48	2,24	11		
(0) Not specified; (269) Diagon DIA-PTT		1,73	0,27	16	13	0	CVPG	1,73	0,19	20%	1,38	2,08	13		
Other					10	0							0		
								3x 0/248, 2x 0/259, 4x 0/270, 1x 0/271							
<b>(171) Fibrinogen</b>					216						216	212	98%		
Samples and groups	[g/L]														
<b>Sample A</b>		2,19	0,22	10	216		CVP	2,19	0,037	25%	1,64	2,74	216	213	99%
(1) Coagulometer		2,19	0,22	9,9	215	0							215		
Other					1	0							1		
								1x 3							
<b>Sample B</b>		1,82	0,17	9,4	216		CVP	1,82	0,028	25%	1,36	2,28	216	214	99%
(1) Coagulometer		1,82	0,17	9,4	215	0							215		
Other					1	0							1		
								1x 3							
<b>(177) Antithrombin</b>					150						150	142	95%		
Samples and groups	[%]														
<b>Sample A</b>		82,3	5,2	6,3	150		CVP	82,3	1,0	18%	67,4	97,2	150	147	98%
(1) Coagulometer		82,2	5,1	6,3	11	0							11		
(4) Chromogenous substrat		82,3	5,2	6,4	139	0							139		
<b>Sample B</b>		71,2	5,2	7,3	150		CVP	71,2	1,0	18%	58,3	84,1	150	143	95%
(1) Coagulometer		71,1	6,9	9,7	11	0							11		
(4) Chromogenous substrat		71,2	5,1	7,2	139	0							139		
<b>(172) Prothrombin test (INR)</b>					287						287	271	94%		
Samples and groups	[-]														
<b>Sample A</b>		1,18	0,097	8,3	287						287	272	95%		
(1) Coagulometr (trom. human plac.)		1,15	0,062	5,3	159	0	CVP	1,14	0,011	20%	0,912	1,37	159		
(2) Coagulometr (trom. human rec.)		1,11	0,065	5,8	50	0	CVP	1,14	0,011	20%	0,912	1,37	50		
(3) Coagulometr (trom. rabbit br.)		1,30	0,15	12	77	0	CVPG	1,3	0,043	20%	1,04	1,56	77		
Other					1	0							1		
								1x 99							
<b>Sample B</b>		1,31	0,12	9,2	287						287	278	97%		

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Dead line: 15.06.2018

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>(172) Prothrombin test (INR)</b>					287							287	271	94%
--- Samples and groups ---	[-]													
<b>Sample B</b>		1,31	0,12	9,2	287							287	278	97%
(1) Coagulometr (trom. human plac.)		1,28	0,08	6,2	159	0	CVP	1,27	0,014	20%	1,01	1,53	159	
(2) Coagulometr (trom. human rec.)		1,21	0,061	5,0	50	0	CVP	1,27	0,014	20%	1,01	1,53	50	
(3) Coagulometr (trom. rabbit br.)		1,43	0,14	9,4	77	0	CVPG	1,43	0,038	20%	1,14	1,72	77	
Other					1	0							1	
							1x99							
<b>(179) Prothrombin test (ratio)</b>					284							284	272	96%
--- Samples and groups ---	[-]													
<b>Sample A</b>		1,16	0,079	6,8	284							284	272	96%
(1) Coagulometr (trom. human plac.)		1,15	0,06	5,2	157	0	CVP	1,14	0,011	20%	0,912	1,37	157	
(2) Coagulometr (trom. human rec.)		1,11	0,071	6,3	51	0	CVP	1,14	0,011	20%	0,912	1,37	51	
(3) Coagulometr (trom. rabbit br.)		1,25	0,13	10	76	0	CVPG	1,25	0,037	20%	1	1,5	76	
<b>Sample B</b>		1,28	0,091	7,1	284							284	278	98%
(1) Coagulometr (trom. human plac.)		1,27	0,074	5,8	157	0	CVP	1,26	0,014	20%	1	1,52	157	
(2) Coagulometr (trom. human rec.)		1,22	0,07	5,8	51	0	CVP	1,26	0,014	20%	1	1,52	51	
(3) Coagulometr (trom. rabbit br.)		1,35	0,10	7,6	76	0	CVPG	1,35	0,029	20%	1,08	1,62	76	

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End of report

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