

## EQA round: HKG1/23 - Haemocoagulation Tests

Deadline: 31.3.2023

Setup: groups - measurement principle; minimal size of the groups n = 5

RoM = robust average	AV = assigned value	D <sub>max</sub> = acceptable difference
SD = standard deviation	CVP = consensus of all participants	LL = lower limit
CV = coefficient of variation	CVPG = consensus of the participants' groups	UL = upper limit
N <sub>tot</sub> = total number of the results	U <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	N <sub>eva</sub> = number of the results assessed
N <sub>out</sub> = number of the results removed before calculation		N <sub>suc</sub> = number of successful results
		S <sub>rel</sub> = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability					N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]	
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL				
<b>(177) Antithrombin</b>	[%]				123							123	122	99	
<b>Sample A</b>		96,1	4,4	4,6	123		CVP	96,1	0,98	18%	78,8	114	123	122	99
(4) Chromogenous substrat		96,2	4,5	4,7	119	0						119			
Other					4	0						4			
							4x 1								
<b>Sample B</b>		38,6	3,3	8,5	123		CVP	38,6	0,73	25%	28,9	48,3	123	123	100
(4) Chromogenous substrat		38,7	3,3	8,4	119	0						119			
Other					4	0						4			
							4x 1								
<b>(170) APTT - ratio</b>	[-]				206							188	180	96	
<b>Sample A</b>		1,07	0,17	16	206							188	184	98	
(0) Not specified; (240) Siemens (Dade) Actin FS		0,934	0,044	4,8	56	0	CVPG	0,934	0,015	20%	0,747	1,13	56		
(0) Not specified; (241) Siemens (Dade) Actin FSL		1,04	0,038	3,7	17	0	CVPG	1,04	0,023	20%	0,832	1,25	17		
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		1,24	0,059	4,7	64	1	CVPG	1,24	0,018	20%	0,992	1,49	64		
(0) Not specified; (246) Mindray APTT Reagent		1,68	0,51	31	8	0						0			
(0) Not specified; (253) IL APTT-SP		0,912	0,035	3,8	21	0	CVPG	0,912	0,019	20%	0,729	1,1	21		
(0) Not specified; (256) IL SynthASil		1,2	0,037	3,1	9	0	CVPG	1,2	0,046	20%	0,96	1,44	9		
(0) Not specified; (257) Diagon Dia-PTT-Liquid		1,01	0,1	10	5	0	CVPG	1,01	0,29	20%	0,808	1,22	5		
(0) Not specified; (260) Stago PTT Automate		1,03	0,032	3,1	16	0	CVPG	1,03	0,02	20%	0,824	1,24	16		
Other					10	0						0			
							1x 0/245, 2x 0/259, 2x 0/265, 2x 0/266, 2x 0/269, 1x 0/999								
<b>Sample B</b>		1,79	0,33	19	206							188	182	97	
(0) Not specified; (240) Siemens (Dade) Actin FS		1,58	0,12	7,6	56	0	CVPG	1,58	0,039	20%	1,26	1,9	56		
(0) Not specified; (241) Siemens (Dade) Actin FSL		1,82	0,16	8,8	17	0	CVPG	1,82	0,095	20%	1,45	2,19	17		
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		2,07	0,11	5,2	64	1	CVPG	2,07	0,033	20%	1,65	2,49	64		
(0) Not specified; (246) Mindray APTT Reagent		2,39	0,87	36	8	0						0			
(0) Not specified; (253) IL APTT-SP		1,45	0,064	4,4	21	0	CVPG	1,45	0,034	20%	1,16	1,74	21		
(0) Not specified; (256) IL SynthASil		1,42	0,059	4,2	9	0	CVPG	1,42	0,073	20%	1,13	1,71	9		
(0) Not specified; (257) Diagon Dia-PTT-Liquid		2,45	0,23	9,4	5	0	CVPG	2,45	0,65	20%	1,96	2,94	5		
(0) Not specified; (260) Stago PTT Automate		1,71	0,11	6,6	16	0	CVPG	1,71	0,069	20%	1,36	2,06	16		
Other					10	0						0			
							1x 0/245, 2x 0/259, 2x 0/265, 2x 0/266, 2x 0/269, 1x 0/999								
<b>(171) Fibrinogen</b>	[g/L]				167							167	165	99	
<b>Sample A</b>		2,91	0,19	6,5	167		CVP	2,91	0,036	25%	2,18	3,64	167	167	100
(1) Coagulometer		2,91	0,19	6,5	163	0						163			
Other					4	0						4			
							4x 3								
<b>Sample B</b>		1,07	0,096	8,9	167		CVP	1,07	0,018	25%	0,802	1,34	167	165	99
(1) Coagulometer		1,07	0,095	8,9	163	0						163			
Other					4	0						4			
							4x 3								
<b>(172) Prothrombin test (INR)</b>	[-]				213							213	206	97	
<b>Sample A</b>		1,03	0,055	5,3	213		CVP	1,03	0,009	20%	0,824	1,24	213	213	100
(1) Coagulometr (trom. human plac.)		1,03	0,045	4,4	140	0						140			
(2) Coagulometr (trom. human rec.)		0,988	0,037	3,7	38	0						38			
(3) Coagulometr (trom. rabbit br.)		1,08	0,064	6	34	0						34			
Other					1	0						1			
							1x 99								
<b>Sample B</b>		1,68	0,15	8,9	213		CVP	1,68	0,025	20%	1,34	2,02	213	206	97
(1) Coagulometr (trom. human plac.)		1,62	0,088	5,4	140	0						140			
(2) Coagulometr (trom. human rec.)		1,72	0,15	8,6	38	0						38			
(3) Coagulometr (trom. rabbit br.)		1,89	0,15	8	34	0						34			
Other					1	1						1			
							1x 99								
<b>(179) Prothrombin test (ratio)</b>	[-]				210							210	201	96	
<b>Sample A</b>		1,02	0,052	5,1	210		CVP	1,02	0,009	20%	0,816	1,23	210	209	100
(1) Coagulometr (trom. human plac.)		1,02	0,044	4,3	138	0						138			
(2) Coagulometr (trom. human rec.)		0,987	0,033	3,3	38	0						38			
(3) Coagulometr (trom. rabbit br.)		1,07	0,061	5,7	34	0						34			
<b>Sample B</b>		1,64	0,14	8,6	210		CVP	1,64	0,024	20%	1,31	1,97	210	202	96
(1) Coagulometr (trom. human plac.)		1,59	0,082	5,1	138	0						138			
(2) Coagulometr (trom. human rec.)		1,71	0,17	9,7	38	0						38			

