

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of the groups n = 5

EQA round: HKG3/21 - Haemocoagulation Tests

Deadline: 17.09.2021

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 the 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					Comparability								
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	
(170) APTT - ratio					148							135	132	98%	
Samples and groups	[-]														
Sample A		1,16	0,11	9,2	148							135	134	99%	
(0) Not specified; (240) Siemens (Dade) Actin FS		1,23	0,05	4,1	45	0	CVPG	1,23	0,018	20%	0,984	1,48	45		
(0) Not specified; (241) Siemens (Dade) Actin FSL		1,13	0,03	2,6	13	0	CVPG	1,13	0,020	20%	0,904	1,36	13		
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		1,20	0,057	4,7	36	0	CVPG	1,2	0,023	20%	0,96	1,44	36		
(0) Not specified; (253) IL APTT-SP		0,948	0,036	3,8	19	0	CVPG	0,948	0,020	20%	0,758	1,14	19		
(0) Not specified; (257) Diagon Dia-PTT-Liquid		1,18	0,11	9,5	8	0	CVPG	1,18	0,085	20%	0,944	1,42	8		
(0) Not specified; (260) Stago PTT Automate		1,04	0,03	2,9	9	0	CVPG	1,04	0,037	20%	0,832	1,25	9		
(0) Not specified; (265) Stago Cephascreen		1,12	0,015	1,3	5	0	CVPG	1,12	0,042	20%	0,896	1,35	5		
Other					13	0							0		
								3x 0/246, 3x 0/256, 1x 0/259, 1x 0/266, 2x 0/269, 3x 0/999							
Sample B		2,40	0,45	19	148							135	133	99%	
(0) Not specified; (240) Siemens (Dade) Actin FS		2,26	0,16	7,1	45	0	CVPG	2,26	0,059	20%	1,8	2,72	45		
(0) Not specified; (241) Siemens (Dade) Actin FSL		2,37	0,15	6,4	13	0	CVPG	2,37	0,10	20%	1,89	2,85	13		
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		2,92	0,18	6,1	36	0	CVPG	2,92	0,072	20%	2,33	3,51	36		
(0) Not specified; (253) IL APTT-SP		1,87	0,092	4,9	19	0	CVPG	1,87	0,052	20%	1,49	2,25	19		
(0) Not specified; (257) Diagon Dia-PTT-Liquid		2,92	0,19	6,4	8	0	CVPG	2,92	0,14	20%	2,33	3,51	8		
(0) Not specified; (260) Stago PTT Automate		2,27	0,074	3,3	9	0	CVPG	2,27	0,092	20%	1,81	2,73	9		
(0) Not specified; (265) Stago Cephascreen		2,10	0,022	1,1	5	0	CVPG	2,1	0,063	20%	1,68	2,52	5		
Other					13	0							0		
								3x 0/246, 3x 0/256, 1x 0/259, 1x 0/266, 2x 0/269, 3x 0/999							
(171) Fibrinogen					122							122	119	98%	
Samples and groups	[g/L]														
Sample A		2,75	0,18	6,6	122		CVP	2,75	0,040	25%	2,06	3,44	122	122	100%
(1) Coagulometer		2,75	0,18	6,6	120	0							120		
Other					2	0							2		
								2x 3							
Sample B		1,35	0,11	8,1	122		CVP	1,35	0,024	25%	1,01	1,69	122	119	98%
(1) Coagulometer		1,35	0,11	7,9	120	0							120		
Other					2	0							2		
								2x 3							
(177) Antithrombin					89							89	82	92%	
Samples and groups	[%]														
Sample A		94,5	4,7	5,0	89		CVP	94,5	1,2	18%	77,4	112	89	87	98%
(4) Chromogenous substrat		94,5	4,6	4,9	85	0							85		
Other					4	0							4		
								4x 1							
Sample B		43,2	3,9	9,1	89		CVP	43,2	1,0	25%	32,4	54	89	82	92%
(4) Chromogenous substrat		43,0	3,7	8,6	85	0							85		
Other					4	0							4		
								4x 1							
(172) Prothrombin test (INR)					156							156	148	95%	
Samples and groups	[-]														
Sample A		1,04	0,053	5,1	156		CVP	1,04	0,010	20%	0,832	1,25	156	156	100%
(1) Coagulometr (trom. human plac.)		1,03	0,049	4,7	97	0							97		
(2) Coagulometr (trom. human rec.)		1,04	0,054	5,2	27	0							27		
(3) Coagulometr (trom. rabbit br.)		1,06	0,067	6,3	31	0							31		
Other					1	0							1		
								1x 99							
Sample B		2,60	0,22	8,4	156		CVP	2,6	0,043	20%	2,08	3,12	156	148	95%
(1) Coagulometr (trom. human plac.)		2,56	0,16	6,4	97	0							97		
(2) Coagulometr (trom. human rec.)		2,61	0,27	10	27	0							27		
(3) Coagulometr (trom. rabbit br.)		2,78	0,29	10	31	0							31		
Other					1	0							1		
								1x 99							
(179) Prothrombin test (ratio)					155							155	150	97%	
Samples and groups	[-]														
Sample A		1,03	0,051	4,9	155		CVP	1,03	,0099	20%	0,824	1,24	155	155	100%

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Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability						N _{eva}	N _{suc}	S _{rel}	
							AV	U _{AV}	D _{max}	LL	UL					
(179) Prothrombin test (ratio)					155								155	150	97%	
Samples and groups	[-]															
Sample A		1,03	0,051	4,9	155		CVP	1,03	0,0099	20%	0,824	1,24	155	155	100%	
(1) Coagulometr (trom. human plac.)		1,03	0,05	4,8	97	0							97			
(2) Coagulometr (trom. human rec.)		1,04	0,053	5,1	28	0							28			
(3) Coagulometr (trom. rabbit br.)		1,05	0,057	5,4	30	0							30			
Sample B		2,51	0,20	8,0	155		CVP	2,51	0,039	20%	2	3,02	155	150	97%	
(1) Coagulometr (trom. human plac.)		2,49	0,17	6,8	97	0							97			
(2) Coagulometr (trom. human rec.)		2,58	0,28	11	28	0							28			
(3) Coagulometr (trom. rabbit br.)		2,51	0,25	10	30	0							30			
(173) Thrombin time (time)					74								59	57	97%	
Samples and groups	[s]															
Sample A		18,3	1,7	9,4	74								59	59	100%	
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		19,9	0,96	4,9	6	0	CVPG	19,9	1,3	20%	15,9	23,9	6			
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		20,9	0,44	2,1	5	0	CVPG	20,9	1,3	20%	16,7	25,1	5			
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		17,8	1,0	5,7	40	0	CVPG	17,8	0,39	20%	14,2	21,4	40			
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		17,1	0,96	5,7	8	0	CVPG	17,1	0,73	20%	13,6	20,6	8			
Other					15	0							0			
								2x 1/149, 1x 1/175, 2x 2/193, 1x 6/175, 1x 7/38, 4x 7/175, 3x 8/177, 1x 99/46						59	57	97%
Sample B		16,7	3,9	23	74											
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		18,1	0,30	1,6	6	0	CVPG	18,1	0,41	20%	14,4	21,8	6			
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		20,0	0,44	2,2	5	0	CVPG	20	1,3	20%	16	24	5			
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		14,0	0,82	5,9	40	0	CVPG	14	0,32	20%	11,2	16,8	40			
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		23,4	2,0	8,6	8	0	CVPG	23,4	1,5	20%	18,7	28,1	8			
Other					15	0							0			
								2x 1/149, 1x 1/175, 2x 2/193, 1x 6/175, 1x 7/38, 4x 7/175, 3x 8/177, 1x 99/46								
(174) Thrombin time (ratio)					62								49	47	96%	
Samples and groups	[-]															
Sample A		1,13	0,083	7,3	62								49	48	98%	
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		1,11	0,074	6,7	6	0	CVPG	1,11	0,10	20%	0,888	1,34	6			
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		1,17	0,045	3,8	5	0	CVPG	1,17	0,13	20%	0,936	1,41	5			
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		1,13	0,08	7,1	30	0	CVPG	1,13	0,036	20%	0,904	1,36	30			
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		1,15	0,084	7,3	8	0	CVPG	1,15	0,064	20%	0,92	1,38	8			
Other					13	0							0			
								1x 1/175, 2x 2/193, 1x 6/51, 1x 6/175, 4x 7/175, 3x 8/177, 1x 99/46								
Sample B		1,02	0,19	19	62								49	47	96%	
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		1,01	0,052	5,2	6	0	CVPG	1,01	0,073	20%	0,808	1,22	6			
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		1,13	0,037	3,3	5	0	CVPG	1,13	0,10	20%	0,904	1,36	5			
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		0,894	0,079	8,8	30	0	CVPG	0,894	0,035	20%	0,715	1,08	30			
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		1,58	0,11	7,1	8	0	CVPG	1,58	0,085	20%	1,26	1,9	8			
Other					13	0							0			
								1x 1/175, 2x 2/193, 1x 6/51, 1x 6/175, 4x 7/175, 3x 8/177, 1x 99/46								

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End of report

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