

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of the groups n = 5

EQA round: HKG1/21 - Haemocoagulation Tests

Deadline: 02.04.2021

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											
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}
(170) APTT - ratio					196						180	178	99%
Samples and groups	[-]												
Sample A		1,63	0,31	19	196						180	178	99%
(0) Not specified; (240) Siemens (Dade) Actin FS		1,55	0,074	4,8	65	0	CVPG	1,55	0,023	20%	1,24	1,86	65
(0) Not specified; (241) Siemens (Dade) Actin FSL		1,33	0,077	5,8	15	0	CVPG	1,33	0,049	20%	1,06	1,6	15
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		2,07	0,10	5,0	49	0	CVPG	2,07	0,036	20%	1,65	2,49	49
(0) Not specified; (246) Mindray APTT Reagent		1,71	0,13	7,8	7	0	CVPG	1,71	0,13	20%	1,36	2,06	7
(0) Not specified; (253) IL APTT-SP		1,33	0,071	5,3	23	0	CVPG	1,33	0,036	20%	1,06	1,6	23
(0) Not specified; (257) Diagon Dia-PTT-Liquid		1,78	0,059	3,3	8	0	CVPG	1,78	0,045	20%	1,42	2,14	8
(0) Not specified; (260) Stago PTT Automate		1,45	0,046	3,1	13	0	CVPG	1,45	0,031	20%	1,16	1,74	13
Other					16	0							0
								1x 0/245, 3x 0/256, 2x 0/259, 4x 0/265, 3x 0/266, 2x 0/269, 1x 0/999					
Sample B		1,01	0,058	5,7	196						180	179	99%
(0) Not specified; (240) Siemens (Dade) Actin FS		0,975	0,039	4,0	65	0	CVPG	0,975	0,012	20%	0,78	1,17	65
(0) Not specified; (241) Siemens (Dade) Actin FSL		0,983	0,053	5,4	15	0	CVPG	0,983	0,033	20%	0,786	1,18	15
(0) Not specified; (242) Siemens (Dade) Pathromtin SL		1,05	0,043	4,1	49	0	CVPG	1,05	0,015	20%	0,84	1,26	49
(0) Not specified; (246) Mindray APTT Reagent		1,06	0,037	3,5	7	0	CVPG	1,06	0,036	20%	0,848	1,28	7
(0) Not specified; (253) IL APTT-SP		1,02	0,047	4,5	23	0	CVPG	1,02	0,024	20%	0,816	1,23	23
(0) Not specified; (257) Diagon Dia-PTT-Liquid		1,06	0,16	15	8	0	CVPG	1,06	0,12	20%	0,848	1,28	8
(0) Not specified; (260) Stago PTT Automate		1,00	0,04	4,0	13	0	CVPG	1,0	0,027	20%	0,8	1,2	13
Other					16	0							0
								1x 0/245, 3x 0/256, 2x 0/259, 4x 0/265, 3x 0/266, 2x 0/269, 1x 0/999					
(171) Fibrinogen					156						156	151	97%
Samples and groups	[g/L]												
Sample A		1,79	0,22	12	156		CVP	1,79	0,043	25%	1,34	2,24	156
(1) Coagulometer		1,78	0,22	12	154	0							154
Other					2	0							2
								2x 3					
Sample B		2,92	0,20	7,0	156		CVP	2,92	0,040	25%	2,19	3,65	156
(1) Coagulometer		2,92	0,20	7,0	154	0							154
Other					2	0							2
								2x 3					
(177) Antithrombin					118						118	112	95%
Samples and groups	[%]												
Sample A		34,2	5,0	15	118		CVP	34,2	1,1	30%	23,9	44,5	118
(1) Coagulometer		37,9	11	28	6	0							6
(4) Chromogenous substrat		34,1	4,9	14	112	0							112
Sample B		97,9	5,3	5,4	118		CVP	97,9	1,2	18%	80,2	116	118
(1) Coagulometer		104	14	13	6	0							6
(4) Chromogenous substrat		97,7	5,1	5,2	112	0							112
(172) Prothrombin test (INR)					205						205	198	97%
Samples and groups	[-]												
Sample A		1,97	0,14	6,9	205		CVP	1,97	0,023	20%	1,57	2,37	205
(1) Coagulometr (trom. human plac.)		1,97	0,13	6,5	135	0							135
(2) Coagulometr (trom. human rec.)		1,93	0,11	5,5	33	0							33
(3) Coagulometr (trom. rabbit br.)		1,99	0,18	9,1	36	0							36
Other					1	0							1
								1x 99					
Sample B		0,972	0,051	5,2	205		CVP	0,972	0,0087	20%	0,777	1,17	205
(1) Coagulometr (trom. human plac.)		0,967	0,049	5,1	135	0							135
(2) Coagulometr (trom. human rec.)		0,987	0,042	4,2	33	0							33
(3) Coagulometr (trom. rabbit br.)		0,976	0,066	6,7	36	0							36
Other					1	0							1
								1x 99					
(179) Prothrombin test (ratio)					204						204	201	99%
Samples and groups	[-]												
Sample A		1,92	0,14	7,2	204		CVP	1,92	0,024	20%	1,53	2,31	204
(1) Coagulometr (trom. human plac.)		1,94	0,13	6,8	134	0							134

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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)					204								204	201	99%
Samples and groups															
Sample A		1,92	0,14	7,2	204		CVP	1,92	0,024	20%	1,53	2,31	204	202	99%
(2) Coagulometr (trom. human rec.)		1,90	0,12	6,1	36	0							36		
(3) Coagulometr (trom. rabbit br.)		1,86	0,19	10	34	0							34		
Sample B		0,971	0,049	5,1	204		CVP	0,971	0,0085	20%	0,776	1,17	204	203	100%
(1) Coagulometr (trom. human plac.)		0,966	0,047	4,9	134	0							134		
(2) Coagulometr (trom. human rec.)		0,984	0,042	4,3	36	0							36		
(3) Coagulometr (trom. rabbit br.)		0,978	0,072	7,3	34	0							34		
(173) Thrombin time (time)					97								79	74	94%
Samples and groups															
Sample A		17,0	2,6	16	97								79	74	94%
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		17,7	0,52	2,9	11	0	CVPG	17,7	0,38	20%	14,1	21,3	11		
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		22,6	2,9	13	5	0	CVPG	22,6	8,2	20%	18	27,2	5		
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		15,3	1,0	6,6	47	0	CVPG	15,3	0,36	20%	12,2	18,4	47		
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		19,4	0,53	2,7	11	0	CVPG	19,4	0,39	20%	15,5	23,3	11		
(8) Thrombin units: 8 IU/mL (NIH); (177) MINDRAY		16,9	0,30	1,8	5	0	CVPG	16,9	0,86	20%	13,5	20,3	5		
Other					18	0							0		
4x 1/149, 1x 1/175, 2x 2/193, 1x 4/159, 4x 5/179, 1x 6/175, 1x 7/38, 3x 7/175, 1x 99/46															
Sample B		14,6	1,4	9,4	97								79	79	100%
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		15,2	0,49	3,2	11	0	CVPG	15,2	0,36	20%	12,1	18,3	11		
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		17,6	0,52	3,0	5	0	CVPG	17,6	1,5	20%	14	21,2	5		
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		13,8	0,77	5,6	47	0	CVPG	13,8	0,27	20%	11	16,6	47		
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		15,2	0,53	3,5	11	0	CVPG	15,2	0,39	20%	12,1	18,3	11		
(8) Thrombin units: 8 IU/mL (NIH); (177) MINDRAY		15,0	0,61	4,0	5	0	CVPG	15	1,7	20%	12	18	5		
Other					18	0							0		
4x 1/149, 1x 1/175, 2x 2/193, 1x 4/159, 4x 5/179, 1x 6/175, 1x 7/38, 3x 7/175, 1x 99/46															
(174) Thrombin time (ratio)					82								67	64	96%
Samples and groups															
Sample A		1,07	0,18	17	82								67	64	96%
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		1,01	0,056	5,5	11	0	CVPG	1,01	0,041	20%	0,808	1,22	11		
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		1,29	0,12	9,2	5	0	CVPG	1,29	0,34	20%	1,03	1,55	5		
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		0,961	0,089	9,3	35	0	CVPG	0,961	0,037	20%	0,768	1,16	35		
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		1,36	0,091	6,6	11	0	CVPG	1,36	0,067	20%	1,08	1,64	11		
(8) Thrombin units: 8 IU/mL (NIH); (177) MINDRAY		1,11	0,082	7,4	5	0	CVPG	1,11	0,23	20%	0,888	1,34	5		
Other					15	0							0		
1x 1/149, 1x 1/175, 2x 2/193, 1x 4/159, 4x 5/179, 1x 6/51, 1x 6/175, 3x 7/175, 1x 99/46															
Sample B		0,910	0,097	11	82								67	67	100%
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		0,872	0,058	6,6	11	0	CVPG	0,872	0,043	20%	0,697	1,05	11		
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		0,990	0,074	7,5	5	0	CVPG	0,99	0,21	20%	0,792	1,19	5		
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		0,860	0,063	7,3	35	0	CVPG	0,86	0,026	20%	0,688	1,04	35		
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		1,06	0,061	5,7	11	0	CVPG	1,06	0,045	20%	0,848	1,28	11		
(8) Thrombin units: 8 IU/mL (NIH); (177) MINDRAY		1,01	0,082	8,1	5	0	CVPG	1,01	0,23	20%	0,808	1,22	5		
Other					15	0							0		
1x 1/149, 1x 1/175, 2x 2/193, 1x 4/159, 4x 5/179, 1x 6/51, 1x 6/175, 3x 7/175, 1x 99/46															

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End of report

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