

Filter: minimal size of the groups n = 5

EQA round: HKG2/22 - Haemocoagulation Tests

Deadline: 17.06.2022

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					275						267	256	96%
Samples and groups	[-]												
Sample A		1,78	0,28	16	275						267	259	97%
(240) Siemens (Dade) Actin FS		1,70	0,17	10	84	0	CVPG	1,70	0,046	20%	1,36	2,04	84
(241) Siemens (Dade) Actin FSL		1,82	0,11	6,0	26	0	CVPG	1,82	0,052	20%	1,45	2,19	26
(242) Siemens (Dade) Pathromtin SL		2,11	0,17	7,9	69	0	CVPG	2,11	0,049	20%	1,68	2,54	69
(246) Mindray APTT Reagent		1,81	0,089	4,9	9	0	CVPG	1,81	0,11	20%	1,44	2,18	9
(253) IL APTT-SP		1,42	0,08	5,6	21	0	CVPG	1,42	0,043	20%	1,13	1,71	21
(256) IL SynthASil		1,46	0,046	3,2	13	0	CVPG	1,46	0,031	20%	1,16	1,76	13
(257) Diagon Dia-PTT-Liquid		1,87	0,31	17	7	0	CVPG	1,87	0,30	20%	1,49	2,25	7
(260) Stago PTT Automate		1,70	0,095	5,6	15	0	CVPG	1,70	0,060	20%	1,36	2,04	15
(265) Stago Cephascreen		1,67	0,10	6,2	15	0	CVPG	1,67	0,066	20%	1,33	2,01	15
(266) Hyphen BioMed CEPHEN		1,82	0,082	4,5	8	0	CVPG	1,82	0,062	20%	1,45	2,19	8
Other					8	0							0
								2x 248, 1x 259, 2x 269, 1x 270, 2x 999					
Sample B		1,05	0,13	13	275						267	263	99%
(240) Siemens (Dade) Actin FS		0,944	0,031	3,3	84	0	CVPG	0,944	0,084	20%	0,755	1,14	84
(241) Siemens (Dade) Actin FSL		0,994	0,041	4,1	26	0	CVPG	0,994	0,020	20%	0,795	1,2	26
(242) Siemens (Dade) Pathromtin SL		1,20	0,051	4,3	69	0	CVPG	1,20	0,015	20%	0,96	1,44	69
(246) Mindray APTT Reagent		1,08	0,022	2,1	9	3	CVPG	1,08	0,031	20%	0,864	1,3	9
(253) IL APTT-SP		0,909	0,045	4,9	21	0	CVPG	0,909	0,024	20%	0,727	1,1	21
(256) IL SynthASil		1,20	0,034	2,9	13	0	CVPG	1,20	0,023	20%	0,96	1,44	13
(257) Diagon Dia-PTT-Liquid		1,06	0,045	4,2	7	0	CVPG	1,06	0,043	20%	0,848	1,28	7
(260) Stago PTT Automate		1,04	0,044	4,2	15	0	CVPG	1,04	0,028	20%	0,832	1,25	15
(265) Stago Cephascreen		1,06	0,057	5,4	15	0	CVPG	1,06	0,036	20%	0,848	1,28	15
(266) Hyphen BioMed CEPHEN		1,04	0,037	3,6	8	0	CVPG	1,04	0,028	20%	0,832	1,25	8
Other					8	0							0
								2x 248, 1x 259, 2x 269, 1x 270, 2x 999					
(171) Fibrinogen					213						213	212	100%
Samples and groups	[g/L]												
Sample A		1,06	0,092	8,6	213		CVP	1,06	0,015	25%	0,795	1,33	213
All results		1,06	0,092	8,6	213	0							213
Sample B		2,64	0,17	6,3	213		CVP	2,64	0,028	25%	1,98	3,3	213
All results		2,64	0,17	6,3	213	0							213
(177) Antithrombin					152						152	148	97%
Samples and groups	[%]												
Sample A		38,2	3,9	10	152		CVP	38,2	0,77	25%	28,6	47,8	152
All results		38,2	3,9	10	152	0							152
Sample B		95,0	5,3	5,6	152		CVP	95	1,1	18%	77,9	113	152
All results		95,0	5,3	5,6	152	0							152
(172) Prothrombin test (INR)					285						285	278	98%
Samples and groups	[-]												
Sample A		1,69	0,17	10	285						285	278	98%
(3) Coagulometr (trom. rabbit br.)		1,90	0,19	9,8	54	0	CVPG	1,90	0,062	20%	1,52	2,28	54
All results (without individual groups)		1,65	0,13	8,0	231	0	CVP	1,65	0,021	20%	1,32	1,98	231
Sample B		1,00	0,049	4,9	285		CVP	1,00	0,071	20%	0,8	1,2	285
All results		1,00	0,049	4,9	285	0							285
(179) Prothrombin test (ratio)					284						284	276	97%
Samples and groups	[-]												
Sample A		1,66	0,17	10	284						284	276	97%
(3) Coagulometr (trom. rabbit br.)		1,83	0,18	10	50	0	CVPG	1,83	0,064	20%	1,46	2,2	50
All results (without individual groups)		1,63	0,14	8,6	234	1	CVP	1,63	0,023	20%	1,3	1,96	234
Sample B		1,00	0,048	4,8	284		CVP	1,00	0,070	20%	0,8	1,2	284
All results		1,00	0,048	4,8	284	0							284
(173) Thrombin time (time)					138						116	114	98%
Samples and groups	[s]												
Sample A		17,4	3,0	18	138						116	114	98%
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		17,2	0,29	1,7	13	0	CVPG	17,2	0,20	20%	13,7	20,7	13
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		20,3	0,52	2,6	7	0	CVPG	20,3	0,50	20%	16,2	24,4	7
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		15,7	0,79	5,0	77	0	CVPG	15,7	0,22	20%	12,5	18,9	77
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		25,4	1,9	7,6	19	0	CVPG	25,4	1,1	20%	20,3	30,5	19

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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				
(173) Thrombin time (time)	[s]				138								116	114	98%
Samples and groups															
Sample A		17,4	3,0	18	138								116	114	98%
Other					22	0							0		
													1x 1/38, 1x 1/46, 1x 1/94, 3x 1/149, 1x 1/175, 1x 1/179, 1x 2/149, 1x 2/193, 3x 5/179, 1x 6/998, 1x 7/38, 3x 7/175, 4x 8/177		
Sample B		15,7	1,3	8,2	138								116	116	100%
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		16,8	0,39	2,3	13	0	CVPG	16,8	0,27	20%	13,4	20,2	13		
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		19,2	0,89	4,6	7	0	CVPG	19,2	0,86	20%	15,3	23,1	7		
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		15,0	0,68	4,5	77	0	CVPG	15	0,19	20%	12	18	77		
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		16,5	0,81	4,9	19	0	CVPG	16,5	0,46	20%	13,2	19,8	19		
Other					22	0							0		
													1x 1/38, 1x 1/46, 1x 1/94, 3x 1/149, 1x 1/175, 1x 1/179, 1x 2/149, 1x 2/193, 3x 5/179, 1x 6/998, 1x 7/38, 3x 7/175, 4x 8/177		
(174) Thrombin time (ratio)	[-]				120								100	99	99%
Samples and groups															
Sample A		1,06	0,18	17	120								100	99	99%
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		0,974	0,028	2,9	13	0	CVPG	0,974	0,019	20%	0,779	1,17	13		
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		1,15	0,089	7,7	6	0	CVPG	1,15	0,12	20%	0,92	1,38	6		
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		0,962	0,063	6,5	64	0	CVPG	0,962	0,019	20%	0,769	1,16	64		
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		1,74	0,17	10	17	0	CVPG	1,74	0,10	20%	1,39	2,09	17		
Other					20	0							0		
													1x 1/38, 1x 1/46, 2x 1/149, 1x 1/175, 1x 2/94, 1x 2/149, 1x 2/193, 2x 5/179, 1x 6/51, 1x 6/998, 1x 7/38, 3x 7/175, 4x 8/177		
Sample B		0,967	0,095	9,9	120								100	100	100%
(3) Thrombin units: 1,5 IU/mL (NIH); (94) Stago		0,946	0,025	2,7	13	0	CVPG	0,946	0,017	20%	0,756	1,14	13		
(3) Thrombin units: 1,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		1,06	0,11	11	6	0	CVPG	1,06	0,16	20%	0,848	1,28	6		
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		0,921	0,059	6,4	64	0	CVPG	0,921	0,018	20%	0,736	1,11	64		
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		1,13	0,083	7,4	17	0	CVPG	1,13	0,049	20%	0,904	1,36	17		
Other					20	0							0		
													1x 1/38, 1x 1/46, 2x 1/149, 1x 1/175, 1x 2/94, 1x 2/149, 1x 2/193, 2x 5/179, 1x 6/51, 1x 6/998, 1x 7/38, 3x 7/175, 4x 8/177		

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End of report

Printed: 21.06.2022