

Filter: Slovakia, minimal size of the groups n = 5

## EQA round: HKG4/22 - Haemocoagulation Tests

Deadline: 18.11.2022

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

Test	[unit]	Comparability												
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>
<b>(170) APTT - ratio</b>					56							55	51	93%
Samples and groups	[-]													
<b>Sample A</b>		1,56	0,13	8,6	56							55	51	93%
(240) Siemens (Dade) Actin FS		1,57	0,058	3,7	27	0	CVPG	1,58	0,018	20%	1,26	1,9	27	
(246) Mindray APTT Reagent		1,57	0,15	9,5	13	0	CVPG	1,57	0,10	20%	1,25	1,89	13	
(256) IL SynthASil		1,35	0,074	5,5	6	0	CVPG	1,39	0,040	20%	1,11	1,67	6	
(257) Diagon Dia-PTT-Liquid		1,61	0,28	17	7	0	CVPG	1,61	0,27	20%	1,28	1,94	7	
Other					3	0							2	
								1x 241, 1x 242, 1x 999						
<b>Sample B</b>		0,982	0,055	5,6	56							55	55	100%
(240) Siemens (Dade) Actin FS		0,971	0,035	3,6	27	0	CVPG	0,981	0,0082	20%	0,784	1,18	27	
(246) Mindray APTT Reagent		0,987	0,052	5,2	13	0	CVPG	0,987	0,035	20%	0,789	1,19	13	
(256) IL SynthASil		0,920	0,03	3,2	6	0	CVPG	0,945	0,026	20%	0,756	1,14	6	
(257) Diagon Dia-PTT-Liquid		1,04	0,03	2,9	7	0	CVPG	1,04	0,029	20%	0,832	1,25	7	
Other					3	0							2	
								1x 241, 1x 242, 1x 999						
<b>(171) Fibrinogen</b>					56							56	55	98%
Samples and groups	[g/L]													
<b>Sample A</b>		2,14	0,18	8,5	56		CVP	2,14	0,035	25%	1,6	2,68	56	55
All results		2,14	0,18	8,5	56	0							56	
<b>Sample B</b>		2,87	0,18	6,2	56		CVP	2,91	0,031	25%	2,18	3,64	56	56
All results		2,87	0,18	6,2	56	0							56	
<b>(177) Antithrombin</b>					36							36	32	89%
Samples and groups	[%]													
<b>Sample A</b>		34,1	8,4	25	36							36	32	89%
All results (without individual groups)		36,6	4,7	13	30	0	CVP	34,9	0,80	25%	26,1	43,7	30	
(38) IL		21,2	1,8	8,4	6	0	CVPG	22,5	1,2	23%	17,3	27,7	6	
<b>Sample B</b>		98,5	4,5	4,6	36		CVP	98,3	0,95	18%	80,6	116	36	36
All results		98,5	4,5	4,6	36	0							36	
<b>(172) Prothrombin test (INR)</b>					58							58	57	98%
Samples and groups	[-]													
<b>Sample A</b>		1,95	0,29	15	58							58	57	98%
All results (without individual groups)		2,09	0,11	5,4	43	0	CVP	2,08	0,016	20%	1,66	2,5	43	
(177) Mindray		1,58	0,069	4,4	15	0	CVPG	1,58	0,044	15%	1,34	1,82	15	
<b>Sample B</b>		0,979	0,044	4,5	58		CVP	0,984	0,059	20%	0,787	1,19	58	58
All results		0,979	0,044	4,5	58	0							58	
<b>(179) Prothrombin test (ratio)</b>					58							58	58	100%
Samples and groups	[-]													
<b>Sample A</b>		1,88	0,23	12	58							58	58	100%
All results (without individual groups)		1,98	0,13	6,4	44	0	CVP	2,04	0,017	20%	1,63	2,45	44	
(177) Mindray		1,60	0,059	3,7	14	0	CVPG	1,6	0,039	15%	1,36	1,84	14	
<b>Sample B</b>		0,974	0,042	4,3	58		CVP	0,982	0,057	20%	0,785	1,18	58	58
All results		0,974	0,042	4,3	58	0							58	
<b>(173) Thrombin time (time)</b>					36							28	27	96%
Samples and groups	[s]													
<b>Sample A</b>		17,0	1,5	9,1	36							28	27	96%
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		16,0	1,3	8,2	16	0	CVPG	16	0,28	20%	12,8	19,2	16	
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		16,9	0,22	1,3	5	0	CVPG	17,2	0,40	20%	13,7	20,7	5	
(8) Thrombin units: 8 IU/mL (NIH); (177) Mindray		17,2	0,21	1,2	6	0	CVPG	17,2	0,29	20%	13,7	20,7	6	
Other					9	0							1	
								1x 1/38, 1x 1/149, 1x 1/175, 1x 2/149, 1x 3/149, 1x 6/175, 3x 7/175						
<b>Sample B</b>		14,8	1,1	7,2	36							28	28	100%
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		14,0	0,54	3,8	16	0	CVPG	14,2	0,17	20%	11,3	17,1	16	
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		14,9	0,67	4,5	5	0	CVPG	14,8	0,39	20%	11,8	17,8	5	
(8) Thrombin units: 8 IU/mL (NIH); (177) Mindray		15,5	0,60	3,9	6	0	CVPG	15,5	0,84	20%	12,4	18,6	6	
Other					9	0							1	
								1x 1/38, 1x 1/149, 1x 1/175, 1x 2/149, 1x 3/149, 1x 6/175, 3x 7/175						

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Test	[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>(174) Thrombin time (ratio)</b>					32								24	24	100%
Samples and groups	[-]														
<b>Sample A</b>		1,05	0,14	13	32								24	24	100%
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		0,970	0,054	5,5	12	0	CVPG	0,98	0,020	20%	0,784	1,18	12		
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		1,21	0,074	6,1	5	0	CVPG	1,2	0,029	20%	0,96	1,44	5		
(8) Thrombin units: 8 IU/mL (NIH); (177) Mindray		0,990	0,12	12	6	0	CVPG	0,99	0,17	20%	0,792	1,19	6		
Other					9	0							1		
								1x 1/38, 1x 1/149, 1x 1/175, 1x 2/149, 1x 3/149, 1x 6/175, 3x 7/175							
<b>Sample B</b>		0,919	0,083	9,0	32								24	24	100%
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		0,869	0,055	6,3	12	0	CVPG	0,875	0,018	20%	0,7	1,05	12		
(6) Thrombin units: 3 IU/mL (NIH); (38) IL		1,05	0,052	5,0	5	0	CVPG	1,03	0,025	20%	0,824	1,24	5		
(8) Thrombin units: 8 IU/mL (NIH); (177) Mindray		0,890	0,074	8,3	6	0	CVPG	0,89	0,10	20%	0,712	1,07	6		
Other					9	0							1		
								1x 1/38, 1x 1/149, 1x 1/175, 1x 2/149, 1x 3/149, 1x 6/175, 3x 7/175							

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End of report

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