

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

Test	[unit]	Comparability					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>					40							37	36	97%	
Samples and groups	[-]														
<b>Sample A</b>		1,65	0,18	11	40							37	36	97%	
(240) Siemens (Dade) Actin FS		1,55	0,074	4,8	17	0	CVPG	1,55	0,023	20%	1,24	1,86	17		
(246) Mindray APTT Reagent		1,71	0,13	7,8	7	0	CVPG	1,71	0,13	20%	1,36	2,06	7		
(257) Diagon Dia-PTT-Liquid		1,78	0,059	3,3	8	0	CVPG	1,78	0,045	20%	1,42	2,14	8		
Other					8	0							5		
								1x 241, 4x 242, 2x 256, 1x 269							
<b>Sample B</b>		1,01	0,08	7,9	40							37	37	100%	
(240) Siemens (Dade) Actin FS		0,975	0,047	4,8	17	0	CVPG	0,975	0,012	20%	0,78	1,17	17		
(246) Mindray APTT Reagent		1,06	0,037	3,5	7	0	CVPG	1,06	0,036	20%	0,848	1,28	7		
(257) Diagon Dia-PTT-Liquid		1,06	0,16	15	8	0	CVPG	1,06	0,12	20%	0,848	1,28	8		
Other					8	0							5		
								1x 241, 4x 242, 2x 256, 1x 269							
<b>(171) Fibrinogen</b>					39							39	39	100%	
Samples and groups	[g/L]														
<b>Sample A</b>		1,83	0,25	14	39		CVP	1,79	0,043	25%	1,34	2,24	39	39	100%
All results		1,83	0,25	14	39	0							39		
<b>Sample B</b>		2,92	0,21	7,3	39		CVP	2,92	0,040	25%	2,19	3,65	39	39	100%
All results		2,92	0,21	7,3	39	0							39		
<b>(177) Antithrombin</b>					31							31	27	87%	
Samples and groups	[%]														
<b>Sample A</b>		37,9	4,3	11	31		CVP	34,2	1,1	30%	23,9	44,5	31	27	87%
All results		37,9	4,3	11	31	0							31		
<b>Sample B</b>		99,1	6,9	7,0	31		CVP	97,9	1,2	18%	80,2	116	31	30	97%
All results		99,1	6,9	7,0	31	0							31		
<b>(172) Prothrombin test (INR)</b>					41							41	36	88%	
Samples and groups	[-]														
<b>Sample A</b>		1,92	0,16	8,4	41		CVP	1,97	0,023	20%	1,57	2,37	41	37	90%
All results		1,92	0,16	8,4	41	0							41		
<b>Sample B</b>		0,963	0,052	5,4	41		CVP	0,972	0,0087	20%	0,777	1,17	41	39	95%
All results		0,963	0,052	5,4	41	0							41		
<b>(179) Prothrombin test (ratio)</b>					40							40	39	98%	
Samples and groups	[-]														
<b>Sample A</b>		1,82	0,14	7,5	40		CVP	1,92	0,024	20%	1,53	2,31	40	39	98%
All results		1,82	0,14	7,5	40	0							40		
<b>Sample B</b>		0,966	0,049	5,1	40		CVP	0,971	0,0085	20%	0,776	1,17	40	40	100%
All results		0,966	0,049	5,1	40	0							40		
<b>(173) Thrombin time (time)</b>					24							15	15	100%	
Samples and groups	[s]														
<b>Sample A</b>		16,7	2,8	17	24							15	15	100%	
(5) Thrombin units: 2,5 IU/mL (NIH);		14,6	0,37	2,5	9	0	CVPG	15,3	0,36	20%	12,2	18,4	9		
(149) Siemens (Dade, BN, Dimension)															
(8) Thrombin units: 8 IU/mL (NIH);		16,9	0,30	1,8	5	0	CVPG	16,9	0,86	20%	13,5	20,3	5		
(177) MINDRAY															
Other					10	0							1		
								2x 1/149, 1x 1/175, 1x 3/149, 1x 5/179, 1x 6/175, 1x 7/38, 3x 7/175							
<b>Sample B</b>		14,8	2,0	13	24							15	15	100%	
(5) Thrombin units: 2,5 IU/mL (NIH);		13,2	0,44	3,4	9	0	CVPG	13,8	0,27	20%	11	16,6	9		
(149) Siemens (Dade, BN, Dimension)															
(8) Thrombin units: 8 IU/mL (NIH);		15,0	0,61	4,0	5	0	CVPG	15	1,7	20%	12	18	5		
(177) MINDRAY															
Other					10	0							1		
								2x 1/149, 1x 1/175, 1x 3/149, 1x 5/179, 1x 6/175, 1x 7/38, 3x 7/175							
<b>(174) Thrombin time (ratio)</b>					22							15	15	100%	
Samples and groups	[-]														
<b>Sample A</b>		1,06	0,14	13	22							15	15	100%	
(5) Thrombin units: 2,5 IU/mL (NIH);		0,985	0,17	17	8	0	CVPG	0,961	0,037	20%	0,768	1,16	8		
(149) Siemens (Dade, BN, Dimension)															
(8) Thrombin units: 8 IU/mL (NIH);		1,11	0,082	7,4	5	0	CVPG	1,11	0,23	20%	0,888	1,34	5		
(177) MINDRAY															
Other					9	0							2		
								1x 1/149, 1x 1/175, 1x 3/149, 1x 5/179, 1x 6/38, 1x 6/175, 3x 7/175							
<b>Sample B</b>		0,924	0,097	11	22							15	15	100%	
(5) Thrombin units: 2,5 IU/mL (NIH);		0,880	0,16	19	8	0	CVPG	0,86	0,026	20%	0,688	1,04	8		
(149) Siemens (Dade, BN, Dimension)															
(8) Thrombin units: 8 IU/mL (NIH);		1,01	0,082	8,1	5	0	CVPG	1,01	0,23	20%	0,808	1,22	5		
(177) MINDRAY															

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Test	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability								
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>	
<b>(174) Thrombin time (ratio)</b>					22							15	15	100%	
Samples and groups	[-]				22							15	15	100%	
<b>Sample B</b>		0,924	0,097	11	22							15	15	100%	
Other					9	0	1x 1/149, 1x 1/175, 1x 3/149, 1x 5/179, 1x 6/38, 1x 6/175, 3x 7/175						2		
st_kn_p							End of report						Printed: 15.04.2021		