

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

## EQA round: HKG4/21 - Haemocoagulation Tests

Deadline: 19.11.2021

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>					61							58	56	97%
Samples and groups	[-]													
<b>Sample A</b>		1,11	0,083	7,5	61							58	58	100%
(240) Siemens (Dade) Actin FS		1,15	0,057	5,0	30	0	CVPG	1,14	0,013	20%	0,912	1,37	30	
(246) Mindray APTT Reagent		0,995	0,037	3,7	9	0	CVPG	0,995	0,046	20%	0,796	1,2	9	
(256) IL SynthASil		1,15	0,037	3,2	5	0	CVPG	1,13	0,036	20%	0,904	1,36	5	
(257) Diagon Dia-PTT-Liquid		1,09	0,037	3,4	9	0	CVPG	1,09	0,046	20%	0,872	1,31	9	
Other					8	0							5	
								1x 241, 4x 242, 2x 269, 1x 999						
<b>Sample B</b>		2,39	0,26	11	61							58	56	97%
(240) Siemens (Dade) Actin FS		2,35	0,17	7,4	30	0	CVPG	2,37	0,034	20%	1,89	2,85	30	
(246) Mindray APTT Reagent		2,32	0,10	4,5	9	0	CVPG	2,32	0,13	20%	1,85	2,79	9	
(256) IL SynthASil		2,07	0,15	7,2	5	0	CVPG	2,04	0,087	20%	1,63	2,45	5	
(257) Diagon Dia-PTT-Liquid		2,62	0,20	7,7	9	0	CVPG	2,62	0,25	20%	2,09	3,15	9	
Other					8	1							5	
								1x 241, 4x 242, 2x 269, 1x 999						
<b>(171) Fibrinogen</b>					62							62	59	95%
Samples and groups	[g/L]													
<b>Sample A</b>		3,21	0,31	9,5	62		CVP	3,25	0,035	25%	2,43	4,07	62	61
All results		3,21	0,31	9,5	62	0							62	
<b>Sample B</b>		1,43	0,15	10	62		CVP	1,43	0,023	25%	1,07	1,79	62	60
All results		1,43	0,15	10	62	0							62	
<b>(177) Antithrombin</b>					42							42	38	90%
Samples and groups	[%]													
<b>Sample A</b>		106	5,7	5,4	42		CVP	106	0,96	18%	86,9	126	42	41
All results		106	5,7	5,4	42	0							42	
<b>Sample B</b>		56,9	5,0	8,8	42		CVP	55	0,85	18%	45,1	64,9	42	38
All results		56,9	5,0	8,8	42	0							42	
<b>(172) Prothrombin test (INR)</b>					63							54	51	94%
Samples and groups	[-]													
<b>Sample A</b>		1,03	0,05	4,9	63		CVP	1,03	0,072	20%	0,824	1,24	63	63
All results		1,03	0,05	4,9	63	0							63	
<b>Sample B</b>		2,81	0,47	17	63							54	51	94%
All results (without individual groups)		2,94	0,33	11	54	0	CVP	2,96	0,040	20%	2,36	3,56	54	
(177) Mindray		1,92	0,082	4,3	9	0	CVPG	1,92	0,10	20%	1,53	2,31	0	
<b>(179) Prothrombin test (ratio)</b>					62							53	47	89%
Samples and groups	[-]													
<b>Sample A</b>		1,02	0,05	4,8	62		CVP	1,03	0,070	20%	0,824	1,24	62	62
All results		1,02	0,05	4,8	62	0							62	
<b>Sample B</b>		2,58	0,42	16	62							53	47	89%
All results (without individual groups)		2,70	0,27	10	53	0	CVP	2,87	0,036	20%	2,29	3,45	53	
(177) Mindray		1,95	0,089	4,6	9	0	CVPG	1,95	0,11	20%	1,56	2,34	0	
<b>(173) Thrombin time (time)</b>					41							34	33	97%
Samples and groups	[s]													
<b>Sample A</b>		17,3	2,6	15	41							34	33	97%
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		15,5	1,3	8,2	17	0	CVPG	15,8	0,33	20%	12,6	19	17	
(7) Thrombin units: 5 IU/mL (NIH); (175) DIAGON		20,7	3,9	19	7	0	CVPG	20,7	3,8	20%	16,5	24,9	7	
(8) Thrombin units: 8 IU/mL (NIH); (177) Mindray		17,1	0,89	5,2	5	0	CVPG	17,1	2,5	20%	13,6	20,6	5	
Other					12	0							5	
								1x 1/38, 3x 1/149, 2x 1/175, 1x 2/149, 1x 3/149, 4x 6/38						
<b>Sample B</b>		21,1	5,9	28	41							34	34	100%
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		16,6	1,1	6,4	17	0	CVPG	17,1	0,29	20%	13,6	20,6	17	
(7) Thrombin units: 5 IU/mL (NIH); (175) DIAGON		26,5	2,2	8,4	7	0	CVPG	26,5	2,2	20%	21,2	31,8	7	
(8) Thrombin units: 8 IU/mL (NIH); (177) Mindray		22,8	1,0	4,4	5	0	CVPG	22,8	2,8	20%	18,2	27,4	5	
Other					12	0							5	
								1x 1/38, 3x 1/149, 2x 1/175, 1x 2/149, 1x 3/149, 4x 6/38						
<b>(174) Thrombin time (ratio)</b>					38							32	31	97%
Samples and groups	[-]													
<b>Sample A</b>		1,04	0,10	10	38							32	31	97%

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

## EQA round: HKG4/21 - Haemocoagulation Tests

Deadline: 19.11.2021

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>					38								32	31	97%
Samples and groups	[-]														
<b>Sample A</b>		1,04	0,10	10	38								32	31	97%
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		0,977	0,074	7,6	15	0	CVPG	0,993	0,021	20%	0,794	1,2	15		
(7) Thrombin units: 5 IU/mL (NIH); (175) DIAGON		1,07	0,089	8,3	7	0	CVPG	1,07	0,086	20%	0,856	1,29	7		
(8) Thrombin units: 8 IU/mL (NIH); (177) Mindray		1,07	0,11	10	5	0	CVPG	1,07	0,31	20%	0,856	1,29	5		
Other					11	0							5		
								1x 1/38, 2x 1/149, 2x 1/175, 1x 2/149, 1x 3/149, 4x 6/38							
<b>Sample B</b>		1,24	0,24	20	38								32	31	97%
(5) Thrombin units: 2,5 IU/mL (NIH); (149) Siemens (Dade, BN, Dimension)		1,08	0,067	6,2	15	0	CVPG	1,07	0,021	20%	0,856	1,29	15		
(7) Thrombin units: 5 IU/mL (NIH); (175) DIAGON		1,35	0,074	5,5	7	0	CVPG	1,35	0,072	20%	1,08	1,62	7		
(8) Thrombin units: 8 IU/mL (NIH); (177) Mindray		1,41	0,15	11	5	0	CVPG	1,41	0,42	20%	1,12	1,7	5		
Other					11	0							5		
								1x 1/38, 2x 1/149, 2x 1/175, 1x 2/149, 1x 3/149, 4x 6/38							

st\_kn\_p

End of report

Printed: 01.12.2021