

## EQA round: HS1/24 - Haemocoagulation Special

Deadline: 14.6.2024

Setup: groups - M (measurement principle); Slovakia; minimal size of the groups n = 5

RoM = robust average

SD = standard deviation

CV = coefficient of variation

N<sub>tot</sub> = total number of the resultsN<sub>out</sub> = number of the results removed before calculation

AV = assigned value

CVP = consensus of all participants

U<sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)D<sub>max</sub> = acceptable difference

LL = lower limit

UL = upper limit

N<sub>eva</sub> = number of the results assessedN<sub>suc</sub> = number of successful resultsS<sub>rel</sub> = relative success

Test Sample Group	[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>Set 1</b>																
(479) <b>Factor VIII</b>	[%]				28									28	27	96
<b>Sample A1</b>		25,7	3	12	28		CVP	24,9	0,84	28%	17,9	31,9		28	27	96
(1) Coagulometer		25,6	2,9	11	26	0								26		
Other					2	0								2		
							2x 4									
(480) <b>von Willebrand f. (activity)</b>	[%]				6									6	6	100
<b>Sample A1</b>														6	6	100
(0) Not specified		12,5	3,7	30	6	0	CVP	11,5	1,2	48%	5,98	17,1		6		
(481) <b>von Willebrand f. (antigen)</b>	[%]				7									7	7	100
<b>Sample A1</b>														7	7	100
(0) Not specified		14,8	1,7	12	7	0	CVP	16,3	1,2	32%	11	21,6		7		
<b>Set 2</b>																
(482) <b>Factor IX</b>	[%]				12									12	12	100
<b>Sample A2</b>														12	12	100
(1) Coagulometer		72,3	8,9	12	12	0	CVP	67,8	2,6	25%	50,8	84,8		12		
(483) <b>Factor XI</b>	[%]				9									9	9	100
<b>Sample A2</b>														9	9	100
(1) Coagulometer		86,7	15	18	9	0	CVP	83,7	4,1	25%	62,7	105		9		
(484) <b>Factor XII</b>	[%]				10									10	10	100
<b>Sample A2</b>														10	10	100
(1) Coagulometer		36,3	5	14	10	0	CVP	36,6	2,2	30%	25,6	47,6		10		
<b>Set 3</b>																
(485) <b>Protein C</b>	[%]				14									14	13	93
<b>Sample A3</b>														14	13	93
(2) Chromogenous substrat		126	9,2	7,3	14	0	CVP	127	1,7	20%	101	153		14		
(486) <b>Protein S</b>	[%]				13									13	13	100
<b>Sample A3</b>		100	4,5	4,5	13		CVP	100	2	30%	70	130		13	13	100
(1) Coagulometer		103	3,9	3,8	7	0								7		
(3) ELISA, LIA, EID		97,5	4	4,1	6	0								6		
(487) <b>ProC Global (norm. ratio)</b>	[-]				8									8	8	100
<b>Sample A3</b>														8	8	100
(1) Coagulometer		0,875	0,19	21	8	0	CVP	0,926	0,052	25%	0,694	1,16		8		
<b>Set 4</b>																
(491) <b>Factor II</b>	[%]				13									13	13	100
<b>Sample A4</b>														13	13	100
(1) Coagulometer		79,7	7,6	9,5	13	0	CVP	80,6	2,4	25%	60,4	101		13		
(492) <b>Factor V</b>	[%]				15									15	15	100
<b>Sample A4</b>														15	15	100
(1) Coagulometer		67	5,8	8,6	15	0	CVP	67,5	2	25%	50,6	84,4		15		
(493) <b>Factor VII</b>	[%]				16									16	14	88
<b>Sample A4</b>														16	14	88
(1) Coagulometer		34,1	8,1	24	16	0	CVP	35,3	2,5	36%	22,5	48,1		16		
(494) <b>Factor X</b>	[%]				13									13	13	100
<b>Sample A4</b>														13	13	100
(1) Coagulometer		78	5,1	6,5	13	0	CVP	80,7	2	25%	60,5	101		13		