

## EQA round: HS2/23 - Haemocoagulation Special

Deadline: 17.11.2023

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>	[%]				27									27	25	93
<b>Sample A1</b>		132	12	9,2	27		CVP	127	3,1	25%	95,2	159		27	25	93
(1) Coagulometer		131	11	8	25	0								25		
Other					2	0								2		
							2x 4									
(480) <b>von Willebrand f. (activity)</b>	[%]				4									4	4	100
<b>Sample A1</b>														4	4	100
Other					4	0								4		
							4x 0									
(481) <b>von Willebrand f. (antigen)</b>	[%]				6									6	5	83
<b>Sample A1</b>														6	5	83
(0) Not specified		114	13	11	6	0	CVP	120	4,9	20%	96	144		6		
<b>Set 2</b>																
(482) <b>Factor IX</b>	[%]				11									11	10	91
<b>Sample A2</b>														11	10	91
(1) Coagulometer		7,52	1,2	16	11	0	CVP	7,32	0,45	32%	4,97	9,67		11		
(483) <b>Factor XI</b>	[%]				8									8	8	100
<b>Sample A2</b>														8	8	100
(1) Coagulometer		102	11	11	8	0	CVP	99,8	2,6	25%	74,8	125		8		
(484) <b>Factor XII</b>	[%]				8									8	8	100
<b>Sample A2</b>														8	8	100
(1) Coagulometer		102	8,9	8,8	8	0	CVP	99,2	3,2	25%	74,4	124		8		
<b>Set 3</b>																
(485) <b>Protein C</b>	[%]				16									16	15	94
<b>Sample A3</b>		98,1	4,5	4,6	16		CVP	98,2	1,3	20%	78,5	118		16	15	94
(2) Chromogenous substrat		97,9	4,6	4,7	15	0								15		
Other					1	0								1		
							1x 1									
(486) <b>Protein S</b>	[%]				15									15	14	93
<b>Sample A3</b>		82	11	14	15		CVP	83,2	2,7	30%	58,2	109		15	14	93
(1) Coagulometer		76,3	6,3	8,3	9	0								9		
(3) ELISA, LIA, EID		87,8	7,7	8,8	6	0								6		
(487) <b>ProC Global (norm. ratio)</b>	[-]				10									10	10	100
<b>Sample A3</b>														10	10	100
(1) Coagulometer		0,487	0,05	10	10	0	CVP	0,466	0,022	25%	0,349	0,583		10		
<b>Set 4</b>																
(491) <b>Factor II</b>	[%]				11									11	11	100
<b>Sample A4</b>														11	11	100
(1) Coagulometer		55,3	4,4	7,9	11	0	CVP	56,9	2,1	25%	42,6	71,2		11		
(492) <b>Factor V</b>	[%]				12									12	12	100
<b>Sample A4</b>														12	12	100
(1) Coagulometer		43,8	4,7	11	12	0	CVP	42,5	1,7	25%	31,8	53,2		12		
(493) <b>Factor VII</b>	[%]				13									13	13	100
<b>Sample A4</b>														13	13	100
(1) Coagulometer		49,9	4,3	8,7	13	0	CVP	49,7	1,5	25%	37,2	62,2		13		
(494) <b>Factor X</b>	[%]				11									11	11	100
<b>Sample A4</b>														11	11	100
(1) Coagulometer		51,7	3,1	6	11	0	CVP	52,3	1,2	25%	39,2	65,4		11		