

EQA round: HS1/23 - Haemocoagulation Special

Deadline: 16.6.2023

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

RoM = robust average

SD = standard deviation

CV = coefficient of variation

N_{tot} = total number of the resultsN_{out} = number of the results removed before calculation

AV = assigned value

CVP = consensus of all participants

U_{AV} = expanded uncertainty of the assigned value (k = 2)D_{max} = acceptable difference

LL = lower limit

UL = upper limit

N_{eva} = number of the results assessedN_{suc} = number of successful resultsS_{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability					N _{eva}	N _{suc}	S _{rel} [%]	
							AV	U _{AV}	D _{max}	LL	UL				
Set 1															
(479) Factor VIII	[%]				28							28	25	89	
Sample A1		0,874	0,51	58	28		CVP	0,707	0,088	±1,25	0	1,96	28	25	89
(1) Coagulometer		0,824	0,46	56	26	1							26		
Other					2	0							2		
							2x 4								
(480) von Willebrand f. (activity)	[%]				5							5	5	100	
Sample A1					5	0	CVP	51,9	2	25%	38,9	64,9	5	5	100
(0) Not specified		49,6	2,1	4,3	5	0							5		
(481) von Willebrand f. (antigen)	[%]				7							7	7	100	
Sample A1					7	0	CVP	59,4	1,7	20%	47,5	71,3	7	7	100
(0) Not specified		57,6	1,6	2,8	7	0							7		
Set 2															
(482) Factor IX	[%]				12							12	11	92	
Sample A2					12	0	CVP	51,6	2	25%	38,7	64,5	12	11	92
(1) Coagulometer		50,5	6,4	13	12	0							12		
(483) Factor XI	[%]				9							9	9	100	
Sample A2					9	0	CVP	32,5	1,4	25%	24,3	40,7	9	9	100
(1) Coagulometer		31,2	1,7	5,5	9	0							9		
(484) Factor XII	[%]				9							9	9	100	
Sample A2					9	0	CVP	42,5	1,6	25%	31,8	53,2	9	9	100
(1) Coagulometer		41,7	2,6	6,2	9	0							9		
Set 3															
(485) Protein C	[%]				14							14	13	93	
Sample A3		42,6	2,5	5,8	14		CVP	41,7	0,68	20%	33,3	50,1	14	13	93
(2) Chromogenous substrat		42,4	2,2	5,2	13	0							13		
Other					1	0							1		
							1x 0								
(486) Protein S	[%]				13							13	13	100	
Sample A3		95,8	9,1	9,5	13		CVP	96,7	2,7	30%	67,6	126	13	13	100
(1) Coagulometer		100	12	12	7	0							7		
(3) ELISA, LIA, EID		91,8	1,5	1,6	6	0							6		
(487) ProC Global (norm. ratio)	[-]				8							8	8	100	
Sample A3					8	0	CVP	0,583	0,028	25%	0,437	0,729	8	8	100
(1) Coagulometer		0,565	0,067	12	8	0							8		
Set 4															
(491) Factor II	[%]				12							12	12	100	
Sample A4					12	0	CVP	34,8	1,2	25%	26,1	43,5	12	12	100
(1) Coagulometer		35	2,9	8,2	12	0							12		
(492) Factor V	[%]				13							13	13	100	
Sample A4					13	0	CVP	71,4	1,8	25%	53,5	89,3	13	13	100
(1) Coagulometer		71,6	4,8	6,7	13	0							13		
(493) Factor VII	[%]				14							14	13	93	
Sample A4					14	0	CVP	33,4	2,3	34%	22	44,8	14	13	93
(1) Coagulometer		32,1	5,8	18	14	0							14		
(494) Factor X	[%]				11							11	10	91	
Sample A4					11	0	CVP	18,1	0,77	25%	13,5	22,7	11	10	91
(1) Coagulometer		19	3,1	16	11	0							11		