

EQA round: HS2/24 - Haemocoagulation Special

Deadline: 15.11.2024

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

RoM = robust average	AV = assigned value	D _{max} = acceptable difference
SD = standard deviation	CVP = consensus of all participants	LL = lower limit
CV = coefficient of variation	U _{AV} = expanded uncertainty of the assigned value (k = 2)	UL = upper limit
N _{tot} = total number of the results		N _{eva} = number of the results assessed
N _{out} = number of the results removed before calculation		N _{suc} = number of successful results
		S _{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	[%]				27							27	26	96	
Sample A1		128	9,9	7,7	27		CVP	125	2,9	25%	93,7	157	27	26	96
(1) Coagulometer		129	9,6	7,4	25	0							25		
Other					2	0							2		
							2x 4								
(480) von Willebrand f. (activity)	[%]				5							5	5	100	
Sample A1												5	5	100	
(0) Not specified		86,4	4,5	5,2	5	0	CVP	90,1	3,1	25%	67,5	113	5		
(481) von Willebrand f. (antigen)	[%]				6							6	6	100	
Sample A1												6	6	100	
(0) Not specified		106	3,5	3,3	6	0	CVP	108	2,9	20%	86,4	130	6		
Set 2															
(482) Factor IX	[%]				11							11	11	100	
Sample A2												11	11	100	
(1) Coagulometer		56,3	3,6	6,5	11	0	CVP	56,5	1,7	25%	42,3	70,7	11		
(483) Factor XI	[%]				8							8	7	88	
Sample A2												8	7	88	
(1) Coagulometer		56,3	9,1	16	8	0	CVP	56,8	2,4	25%	42,6	71	8		
(484) Factor XII	[%]				9							9	9	100	
Sample A2												9	9	100	
(1) Coagulometer		44,5	4,2	9,3	9	0	CVP	45	1,7	25%	33,7	56,3	9		
Set 3															
(485) Protein C	[%]				16							16	16	100	
Sample A3		123	5	4,1	16		CVP	124	1,7	20%	99,2	149	16	16	100
(2) Chromogenous substrat		123	5,4	4,4	15	0							15		
Other					1	0							1		
							1x 1								
(486) Protein S	[%]				15							15	14	93	
Sample A3		85,6	12	14	15		CVP	85,5	3	30%	59,8	112	15	14	93
(1) Coagulometer		80,8	8,5	11	9	0							9		
(3) ELISA, LIA, EID		92,6	9,9	11	6	0							6		
(487) ProC Global (norm. ratio)	[-]				10							10	10	100	
Sample A3												10	10	100	
(1) Coagulometer		0,421	0,044	10	10	0	CVP	0,412	0,014	25%	0,309	0,515	10		
Set 4															
(491) Factor II	[%]				12							12	12	100	
Sample A4												12	12	100	
(1) Coagulometer		84,3	6	7,1	12	0	CVP	83,1	2,8	25%	62,3	104	12		
(492) Factor V	[%]				14							14	13	93	
Sample A4												14	13	93	
(1) Coagulometer		78,2	4,8	6,1	14	0	CVP	78,7	3,1	25%	59	98,4	14		
(493) Factor VII	[%]				15							15	14	93	
Sample A4												15	14	93	
(1) Coagulometer		96,8	6,4	6,6	15	0	CVP	96,1	3,4	25%	72	121	15		
(494) Factor X	[%]				12							12	11	92	
Sample A4												12	11	92	
(1) Coagulometer		84,8	8,8	10	12	0	CVP	79,5	3,4	25%	59,6	99,4	12		