

EQA round: HS1/24 - Haemocoagulation Special

Deadline: 14.6.2024

Setup: groups - M (measurement principle); 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	[%]				99							99	95	96	
Sample A1		24,9	3,4	14	99		CVP	24,9	0,84	28%	17,9	31,9	99	95	96
(1) Coagulometer		24,9	3,4	14	89	0							89		
(4) Chromogenous substrat		25	4	16	10	0							10		
(480) von Willebrand f. (activity)	[%]				32							32	31	97	
Sample A1												32	31	97	
(0) Not specified		11,5	2,7	24	32	0	CVP	11,5	1,2	48%	5,98	17,1	32		
(481) von Willebrand f. (antigen)	[%]				30							30	30	100	
Sample A1												30	30	100	
(0) Not specified		16,3	2,7	16	30	0	CVP	16,3	1,2	32%	11	21,6	30		
Set 2															
(482) Factor IX	[%]				44							44	43	98	
Sample A2												44	43	98	
(1) Coagulometer		67,8	6,9	10	44	0	CVP	67,8	2,6	25%	50,8	84,8	44		
(483) Factor XI	[%]				31							31	31	100	
Sample A2												31	31	100	
(1) Coagulometer		83,7	9,4	11	31	0	CVP	83,7	4,1	25%	62,7	105	31		
(484) Factor XII	[%]				39							39	39	100	
Sample A2												39	39	100	
(1) Coagulometer		36,6	5,6	15	39	0	CVP	36,6	2,2	30%	25,6	47,6	39		
Set 3															
(485) Protein C	[%]				81							81	79	98	
Sample A3		127	6,2	4,9	81		CVP	127	1,7	20%	101	153	81	79	98
(1) Coagulometer		130	3	2,3	6	0							6		
(2) Chromogenous substrat		126	6,3	5	75	0							75		
(486) Protein S	[%]				75							75	75	100	
Sample A3		100	7,2	7,2	75		CVP	100	2	30%	70	130	75	75	100
(1) Coagulometer		102	8,1	8	50	0							50		
(3) ELISA, LIA, EID		97,2	4,8	5	24	0							24		
Other					1	0							1		
							1x 2								
(487) ProC Global (norm. ratio)	[-]				24							24	23	96	
Sample A3												24	23	96	
(1) Coagulometer		0,926	0,1	11	24	0	CVP	0,926	0,052	25%	0,694	1,16	24		
Set 4															
(491) Factor II	[%]				33							33	33	100	
Sample A4												33	33	100	
(1) Coagulometer		80,6	5,6	6,9	33	0	CVP	80,6	2,4	25%	60,4	101	33		
(492) Factor V	[%]				35							35	35	100	
Sample A4												35	35	100	
(1) Coagulometer		67,5	4,8	7,1	35	0	CVP	67,5	2	25%	50,6	84,4	35		
(493) Factor VII	[%]				39							39	37	95	
Sample A4												39	37	95	
(1) Coagulometer		35,3	6,5	18	39	0	CVP	35,3	2,5	36%	22,5	48,1	39		
(494) Factor X	[%]				33							33	33	100	
Sample A4												33	33	100	
(1) Coagulometer		80,7	4,6	5,7	33	0	CVP	80,7	2	25%	60,5	101	33		