

EQA round: HS2/24 - Haemocoagulation Special

Deadline: 15.11.2024

Setup: groups - M (measurement principle); 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	[%]				97							97	94	97	
Sample A1		125	12	9,3	97		CVP	125	2,9	25%	93,7	157	97	94	97
(1) Coagulometer		126	12	9,5	87	0							87		
(4) Chromogenous substrat		119	7,5	6,3	10	0							10		
(480) von Willebrand f. (activity)	[%]				30							30	30	100	
Sample A1												30	30	100	
(0) Not specified		90,1	7	7,8	30	0	CVP	90,1	3,1	25%	67,5	113	30		
(481) von Willebrand f. (antigen)	[%]				28							28	28	100	
Sample A1												28	28	100	
(0) Not specified		108	6,3	5,9	28	0	CVP	108	2,9	20%	86,4	130	28		
Set 2															
(482) Factor IX	[%]				42							42	42	100	
Sample A2												42	42	100	
(1) Coagulometer		56,5	4,6	8,2	42	0	CVP	56,5	1,7	25%	42,3	70,7	42		
(483) Factor XI	[%]				29							29	28	97	
Sample A2												29	28	97	
(1) Coagulometer		56,8	5,4	9,5	29	0	CVP	56,8	2,4	25%	42,6	71	29		
(484) Factor XII	[%]				37							37	37	100	
Sample A2												37	37	100	
(1) Coagulometer		45	4,3	9,5	37	0	CVP	45	1,7	25%	33,7	56,3	37		
Set 3															
(485) Protein C	[%]				80							80	78	98	
Sample A3		124	6	4,9	80		CVP	124	1,7	20%	99,2	149	80	78	98
(1) Coagulometer		124	13	11	8	0							8		
(2) Chromogenous substrat		124	5,6	4,5	72	0							72		
(486) Protein S	[%]				74							74	73	99	
Sample A3		85,5	11	12	74		CVP	85,5	3	30%	59,8	112	74	73	99
(1) Coagulometer		81	9	11	50	0							50		
(3) ELISA, LIA, EID		93,8	6,9	7,3	23	0							23		
Other					1	0							1		
							1x 2								
(487) ProC Global (norm. ratio)	[-]				25							25	25	100	
Sample A3												25	25	100	
(1) Coagulometer		0,412	0,029	7	25	0	CVP	0,412	0,014	25%	0,309	0,515	25		
Set 4															
(491) Factor II	[%]				32							32	32	100	
Sample A4												32	32	100	
(1) Coagulometer		83,1	6,4	7,7	32	0	CVP	83,1	2,8	25%	62,3	104	32		
(492) Factor V	[%]				34							34	33	97	
Sample A4												34	33	97	
(1) Coagulometer		78,7	7,3	9,3	34	0	CVP	78,7	3,1	25%	59	98,4	34		
(493) Factor VII	[%]				38							38	36	95	
Sample A4												38	36	95	
(1) Coagulometer		96,1	8,6	8,9	38	0	CVP	96,1	3,4	25%	72	121	38		
(494) Factor X	[%]				32							32	31	97	
Sample A4												32	31	97	
(1) Coagulometer		79,5	7,8	9,9	32	0	CVP	79,5	3,4	25%	59,6	99,4	32		