

EQA round: HS2/23 - Haemocoagulation Special

Deadline: 17.11.2023

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	96	97
Sample A1		127	13	10	99		CVP	127	3,1	25%	95,2	159	99	96	97
(1) Coagulometer		127	13	10	86	0							86		
(4) Chromogenous substrat		124	9,2	7,5	13	0							13		
(480) von Willebrand f. (activity)	[%]				28								28	25	89
Sample A1													28	25	89
(0) Not specified		104	9,1	8,8	28	0	CVP	104	4,2	25%	78	130	28		
(481) von Willebrand f. (antigen)	[%]				27								27	25	93
Sample A1													27	25	93
(0) Not specified		120	10	8,6	27	0	CVP	120	4,9	20%	96	144	27		
Set 2															
(482) Factor IX	[%]				42								42	40	95
Sample A2													42	40	95
(1) Coagulometer		7,32	1,2	16	42	0	CVP	7,32	0,45	32%	4,97	9,67	42		
(483) Factor XI	[%]				30								30	29	97
Sample A2													30	29	97
(1) Coagulometer		99,8	5,7	5,7	30	0	CVP	99,8	2,6	25%	74,8	125	30		
(484) Factor XII	[%]				36								36	36	100
Sample A2													36	36	100
(1) Coagulometer		99,2	7,8	7,9	36	0	CVP	99,2	3,2	25%	74,4	124	36		
Set 3															
(485) Protein C	[%]				83								83	81	98
Sample A3		98,2	4,7	4,8	83		CVP	98,2	1,3	20%	78,5	118	83	81	98
(1) Coagulometer		102	8,5	8,3	6	0							6		
(2) Chromogenous substrat		98	4,5	4,6	77	0							77		
(486) Protein S	[%]				77								77	73	95
Sample A3		83,2	9,6	12	77		CVP	83,2	2,7	30%	58,2	109	77	73	95
(1) Coagulometer		80,5	9,1	11	53	0							53		
(3) ELISA, LIA, EID		88,4	5,3	6	22	0							22		
Other					2	0							2		
							1x 2, 1x 99								
(487) ProC Global (norm. ratio)	[-]				27								27	27	100
Sample A3													27	27	100
(1) Coagulometer		0,466	0,047	10	27	0	CVP	0,466	0,022	25%	0,349	0,583	27		
Set 4															
(491) Factor II	[%]				32								32	32	100
Sample A4													32	32	100
(1) Coagulometer		56,9	4,8	8,4	32	0	CVP	56,9	2,1	25%	42,6	71,2	32		
(492) Factor V	[%]				33								33	32	97
Sample A4													33	32	97
(1) Coagulometer		42,5	3,9	9,2	33	0	CVP	42,5	1,7	25%	31,8	53,2	33		
(493) Factor VII	[%]				37								37	37	100
Sample A4													37	37	100
(1) Coagulometer		49,7	3,8	7,6	37	0	CVP	49,7	1,5	25%	37,2	62,2	37		
(494) Factor X	[%]				32								32	32	100
Sample A4													32	32	100
(1) Coagulometer		52,3	2,8	5,4	32	0	CVP	52,3	1,2	25%	39,2	65,4	32		