

EQA round: AP2/24 - Antithrombotic Agents

Deadline: 13.9.2024

Setup: groups - P (manufacturer of instrument); 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															
(108) Apixaban	[µg/L]				46							46	46	100	
Sample A1		446	25	5,7	46		CVP	446	9,3	25%	334	558	46	46	100
(38) Werfen (IL)		458	9	2	13	0							13		
(63) Sysmex		424	57	13	23	0							23		
(94) Stago		451	13	2,8	7	0							7		
Other					3	1							3		
								1x 149, 1x 162, 1x 179							
Sample B1		222	12	5,4	46		CVP	222	4,3	25%	166	278	46	46	100
(38) Werfen (IL)		223	6,2	2,8	13	0							13		
(63) Sysmex		223	17	7,8	23	0							23		
(94) Stago		217	9,6	4,5	7	0							7		
Other					3	0							3		
								1x 149, 1x 162, 1x 179							
Set 2															
(109) Dabigatran	[µg/L]				38							38	37	97	
Sample A2		231	21	9,2	38		CVP	231	8,4	30%	161	301	38	37	97
(38) Werfen (IL)		227	31	13	12	0							12		
(63) Sysmex		227	12	5,2	17	0							17		
(94) Stago		268	19	6,9	5	0							5		
Other					4	0							4		
								2x 149, 1x 162, 1x 179							
Sample B2		95	10	11	38		CVP	95	4,1	30%	66,5	124	38	38	100
(38) Werfen (IL)		95,8	8,4	8,7	12	0							12		
(63) Sysmex		90,6	6,4	7,1	17	0							17		
(94) Stago		116	6,7	5,8	5	0							5		
Other					4	0							4		
								2x 149, 1x 162, 1x 179							
Set 3															
(110) Rivaroxaban	[µg/L]				51							51	50	98	
Sample A3		288	16	5,7	51		CVP	288	5,6	25%	216	360	51	51	100
(38) Werfen (IL)		279	11	4	14	0							14		
(63) Sysmex		295	19	6,4	26	0							26		
(94) Stago		287	24	8,3	7	0							7		
Other					4	0							4		
								2x 149, 1x 162, 1x 179							
Sample B3		90,5	5,8	6,4	51		CVP	90,5	2	25%	67,8	114	51	50	98
(38) Werfen (IL)		92,5	5,7	6,1	14	0							14		
(63) Sysmex		91,6	4,8	5,3	26	0							26		
(94) Stago		80,5	5,2	6,4	7	0							7		
Other					4	0							4		
								2x 149, 1x 162, 1x 179							