

EQA round: AP1/24 - Antithrombotic Agents

Deadline: 29.3.2024

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								
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel} [%]	
Set 1															
(108) Apixaban	[µg/L]				44							44	42	95	
Sample A1		68,3	6,6	9,7	44		CVP	68,3	2,4	25%	51,2	85,4	44	42	95
(38) Werfen (IL)		72,7	5,3	7,2	14	0							14		
(63) Sysmex		66,5	4,5	6,7	20	0							20		
(94) Stago		61	8,9	15	7	0							7		
Other					3	0							3		
								1x 149, 1x 162, 1x 179							
Sample B1		285	20	7	44		CVP	285	7,4	25%	213	357	44	44	100
(38) Werfen (IL)		283	10	3,7	14	0							14		
(63) Sysmex		283	32	11	20	0							20		
(94) Stago		289	11	3,9	7	0							7		
Other					3	0							3		
								1x 149, 1x 162, 1x 179							
Set 2															
(109) Dabigatran	[µg/L]				36								36	35	97
Sample A2		54,2	5,8	11	36		CVP	54,2	2,3	30%	37,9	70,5	36	36	100
(38) Werfen (IL)		51	2,3	4,6	11	0							11		
(63) Sysmex		55,2	6,4	12	16	0							16		
(94) Stago		61,9	2,7	4,4	5	0							5		
Other					4	0							4		
								2x 149, 1x 162, 1x 179							
Sample B2		214	30	14	36		CVP	214	12	30%	149	279	36	35	97
(38) Werfen (IL)		188	16	8,5	11	0							11		
(63) Sysmex		218	25	11	16	0							16		
(94) Stago		241	5,2	2,2	5	0							5		
Other					4	0							4		
								2x 149, 1x 162, 1x 179							
Set 3															
(110) Rivaroxaban	[µg/L]				48								48	47	98
Sample A3		77,1	5,5	7,2	48		CVP	77,1	2	25%	57,8	96,4	48	47	98
(38) Werfen (IL)		80,5	4,8	5,9	15	0							15		
(63) Sysmex		75,8	4,4	5,8	22	0							22		
(94) Stago		71,5	8,2	11	7	0							7		
Other					4	0							4		
								2x 149, 1x 162, 1x 179							
Sample B3		304	21	7	48		CVP	304	7,6	25%	228	380	48	48	100
(38) Werfen (IL)		299	12	3,9	15	0							15		
(63) Sysmex		308	31	10	22	0							22		
(94) Stago		317	8,2	2,6	7	0							7		
Other					4	0							4		
								2x 149, 1x 162, 1x 179							