

EQA round: AP1/25 - Antithrombotic Agents

Deadline: 28.3.2025

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]				59								59	54	92	
Sample A1		286	19	6,5	59		CVP	286	5,9	25%	214	358	59	56	95	
(38) Werfen (IL)		296	14	4,8	15	0							15			
(63) Sysmex		279	17	6,2	31	0							31			
(94) Stago		285	21	7,3	8	0							8			
Other					5	0							5			
								2x 149, 1x 162, 1x 179, 1x 999								
Sample B1		65,8	7,1	11	59		CVP	65,8	2,3	25%	49,3	82,3	59	56	95	
(38) Werfen (IL)		72,9	6,1	8,4	15	0							15			
(63) Sysmex		63,6	4,7	7,3	31	0							31			
(94) Stago		62,2	10	16	8	0							8			
Other					5	0							5			
								2x 149, 1x 162, 1x 179, 1x 999								
Set 2																
(109) Dabigatran	[µg/L]				39								39	34	87	
Sample A2		198	28	14	39		CVP	198	11	30%	138	258	39	35	90	
(38) Werfen (IL)		171	10	6,1	10	0							10			
(63) Sysmex		198	12	5,9	18	0							18			
(94) Stago		227	8,2	3,6	5	0							5			
Other					6	0							6			
								1x 118, 2x 149, 1x 162, 1x 179, 1x 999								
Sample B2		54,9	6,5	12	39		CVP	54,9	2,6	30%	38,4	71,4	39	36	92	
(38) Werfen (IL)		49,9	3,1	6,2	10	0							10			
(63) Sysmex		56,1	5,5	9,8	18	0							18			
(94) Stago		60,5	16	26	5	0							5			
Other					6	0							6			
								1x 118, 2x 149, 1x 162, 1x 179, 1x 999								
Set 3																
(110) Rivaroxaban	[µg/L]				61								61	57	93	
Sample A3		319	22	6,9	61		CVP	319	6,9	25%	239	399	61	58	95	
(38) Werfen (IL)		316	13	4,1	16	0							16			
(63) Sysmex		319	23	7,2	31	0							31			
(94) Stago		335	18	5,3	7	0							7			
Other					7	0							7			
								1x 118, 3x 149, 1x 162, 1x 179, 1x 999								
Sample B3		81,8	6,5	7,9	61		CVP	81,8	2	25%	61,3	103	61	60	98	
(38) Werfen (IL)		87,9	7,4	8,4	16	0							16			
(63) Sysmex		79,8	4,3	5,4	31	0							31			
(94) Stago		77,5	9,6	12	7	0							7			
Other					7	0							7			
								1x 118, 3x 149, 1x 162, 1x 179, 1x 999								