

EQA round: AP1/26 - Antithrombotic Agents

Deadline: 27.3.2026

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]				61									61	60	98
Sample A1		67	6,6	9,9	61		CVP	67	2,1	25%	50,2	83,8		61	60	98
(38) Werfen (IL)		75,3	3,3	4,4	14	0								14		
(63) Sysmex		65,4	4,6	7	34	0								34		
(94) Stago		64	8,9	14	7	0								7		
Other					6	0								6		
								2x 149, 2x 177, 2x 179								
Sample B1		274	14	5,2	61		CVP	274	4,5	25%	205	343		61	61	100
(38) Werfen (IL)		284	9,2	3,3	14	0								14		
(63) Sysmex		268	14	5,1	34	0								34		
(94) Stago		279	16	5,6	7	0								7		
Other					6	0								6		
								2x 149, 2x 177, 2x 179								
Set 2																
(109) Dabigatran	[µg/L]				39									39	37	95
Sample A2		46,2	5,3	11	39		CVP	46,2	2,1	30%	32,3	60,1		39	37	95
(38) Werfen (IL)		45,6	1,1	2,5	10	0								10		
(63) Sysmex		46,8	5,7	12	20	0								20		
(94) Stago		40,5	8,2	20	5	0								5		
Other					4	1								4		
								1x 149, 1x 177, 2x 179								
Sample B2		183	13	6,9	39		CVP	183	5	30%	128	238		39	39	100
(38) Werfen (IL)		174	8,6	5	10	0								10		
(63) Sysmex		185	8,2	4,4	20	0								20		
(94) Stago		190	16	8,2	5	0								5		
Other					4	0								4		
								1x 149, 1x 177, 2x 179								
Set 3																
(110) Rivaroxaban	[µg/L]				64									64	62	97
Sample A3		81,5	4,9	6	64		CVP	81,5	1,5	25%	61,1	102		64	63	98
(38) Werfen (IL)		86,9	3,8	4,4	16	0								16		
(63) Sysmex		80,8	3,6	4,5	34	0								34		
(94) Stago		76,5	5,2	6,8	7	0								7		
Other					7	0								7		
								2x 149, 2x 177, 3x 179								
Sample B3		318	19	6	64		CVP	318	5,9	25%	238	398		64	63	98
(38) Werfen (IL)		320	10	3,2	16	0								16		
(63) Sysmex		313	17	5,4	34	0								34		
(94) Stago		347	19	5,3	7	0								7		
Other					7	0								7		
								2x 149, 2x 177, 3x 179								