

## EQA round: AP1/25 - Antithrombotic Agents

Deadline: 28.3.2025

Setup: groups - M (measurement principle); minimal size of the groups n = 5

RoM = robust average	AV = assigned value	D <sub>max</sub> = acceptable difference
SD = standard deviation	CVP = consensus of all participants	LL = lower limit
CV = coefficient of variation	U <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	UL = upper limit
N <sub>tot</sub> = total number of the results		N <sub>eva</sub> = number of the results assessed
N <sub>out</sub> = number of the results removed before calculation		N <sub>suc</sub> = number of successful results
		S <sub>rel</sub> = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability						N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL				
<b>Set 1</b>															
(108) <b>Apixaban</b>	[µg/L]				59								59	54	92
<b>Sample A1</b>		286	19	6,5	59		CVP	286	5,9	25%	214	358	59	56	95
(2) Chromogenic substrates		286	18	6,3	54	0							54		
Other					5	0							5		
							4x 1, 1x 99								
<b>Sample B1</b>		65,8	7,1	11	59		CVP	65,8	2,3	25%	49,3	82,3	59	56	95
(2) Chromogenic substrates		66,3	6,7	10	54	0							54		
Other					5	0							5		
							4x 1, 1x 99								
<b>Set 2</b>															
(109) <b>Dabigatran</b>	[µg/L]				39								39	34	87
<b>Sample A2</b>		198	28	14	39		CVP	198	11	30%	138	258	39	35	90
(1) Coagulometer		199	36	18	21	0							21		
(2) Chromogenic substrates		194	9,8	5	16	0							16		
Other					2	0							2		
							2x 99								
<b>Sample B2</b>		54,9	6,5	12	39		CVP	54,9	2,6	30%	38,4	71,4	39	36	92
(1) Coagulometer		53,5	7,1	13	21	0							21		
(2) Chromogenic substrates		55,9	4,9	8,8	16	0							16		
Other					2	0							2		
							2x 99								
<b>Set 3</b>															
(110) <b>Rivaroxaban</b>	[µg/L]				61								61	57	93
<b>Sample A3</b>		319	22	6,9	61		CVP	319	6,9	25%	239	399	61	58	95
(2) Chromogenic substrates		318	21	6,5	56	0							56		
Other					5	0							5		
							3x 1, 2x 99								
<b>Sample B3</b>		81,8	6,5	7,9	61		CVP	81,8	2	25%	61,3	103	61	60	98
(2) Chromogenic substrates		81,9	6,4	7,8	56	0							56		
Other					5	0							5		
							3x 1, 2x 99								