

**EQA round: SED1/25 - Erythrocyte Sedimentation Rate**

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>(541) Erythrocyte sedimentation (1 h)</b>	[mm/1hod]				139								135	128	95
<b>Sample A</b>		8,47	1,9	22	139								135	131	97
(1) Instrument		9,05	2,3	26	38	0	CVP	8,41	0,38	asym.	3	14	34		
(2) Manual		8,29	1,7	21	101	0	CVP	8,41	0,38	asym.	3	14	101		
<b>Sample B</b>		61,3	13	21	139								135	130	96
(1) Instrument		67,5	11	17	38	2	CVP	61,8	2,6	asym.	30	93	34		
(2) Manual		59,2	11	19	101	0	CVP	61,8	2,6	asym.	30	93	101		
<b>(542) Erythrocyte sedimentation (2 h)</b>	[mm/2hod]				125								125	121	97
<b>Sample A</b>		18,9	3,5	18	125		CVP	18,9	0,76	asym.	9	29	125	121	97
(1) Instrument		20,6	3,2	15	28	0							28		
(2) Manual		18,4	3,3	18	97	0							97		
<b>Sample B</b>		115	18	16	125		CVP	115	3,9	asym.	57	173	125	124	99
(1) Instrument		121	14	12	28	0							28		
(2) Manual		113	18	16	97	0							97		