

**EQA round: SED1/23 - Erythrocyte Sedimentation Rate**

Deadline: 31.3.2023

Setup: groups - 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]				146							146	140	96	
<b>Sample A</b>		6,06	1,3	22	146		CVP	6,06	0,26	asym.	1	11	146	145	99
(1) Instrument		6,4	1,4	22	33	0							33		
(2) Manual		5,92	1,2	19	113	0							113		
<b>Sample B</b>		56,5	9,4	17	146		CVP	56,5	1,9	asym.	28	85	146	141	97
(1) Instrument		61,1	7,4	12	33	0							33		
(2) Manual		55,1	9,2	17	113	1							113		
<b>(542) Erythrocyte sedimentation (2 h)</b>	[mm/2hod]				140							140	131	94	
<b>Sample A</b>		13,1	2,4	18	140		CVP	13,1	0,49	asym.	6	20	140	132	94
(1) Instrument		14	3,2	23	29	0							29		
(2) Manual		12,9	2,3	18	111	0							111		
<b>Sample B</b>		113	19	17	140		CVP	113	3,9	asym.	56	170	140	139	99
(1) Instrument		122	16	13	29	0							29		
(2) Manual		109	17	16	111	0							111		