

EQA round: SED1/23 - Erythrocyte Sedimentation Rate

Deadline: 31.3.2023

Setup: groups - 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				
(541) Erythrocyte sedimentation (1 h)	[mm/1hod]				146							146	140	96	
Sample A		6,06	1,3	22	146		CVP	6,06	0,26	asym.	1	11	146	145	99
(0) not specified		6,13	1,4	23	28	0							28		
(5) Dialab		5,5	0,74	13	6	0							6		
(88) Becton Dickinson		5,96	0,86	14	21	0							21		
(121) Greiner		5,4	0,69	13	34	0							34		
(123) Sarstedt		6,89	1,1	15	27	0							27		
(999) another manufacturer		6,11	1,5	24	28	0							28		
Other					2	0							2		
							2x 998								
Sample B		56,5	9,4	17	146		CVP	56,5	1,9	asym.	28	85	146	141	97
(0) not specified		54,1	8,1	15	28	0							28		
(5) Dialab		56	13	24	6	0							6		
(88) Becton Dickinson		56,2	10	18	21	0							21		
(121) Greiner		52,1	7,2	14	34	1							34		
(123) Sarstedt		65,1	4,2	6,5	27	0							27		
(999) another manufacturer		55,2	9	16	28	0							28		
Other					2	0							2		
							2x 998								
(542) Erythrocyte sedimentation (2 h)	[mm/2hod]				140							140	131	94	
Sample A		13,1	2,4	18	140		CVP	13,1	0,49	asym.	6	20	140	132	94
(0) not specified		13	1,9	15	27	0							27		
(5) Dialab		12	3	25	5	0							5		
(88) Becton Dickinson		13	1,9	14	21	0							21		
(121) Greiner		12,2	2,2	18	34	0							34		
(123) Sarstedt		14,2	2,1	15	25	0							25		
(999) another manufacturer		13,5	2,9	21	26	0							26		
Other					2	0							2		
							2x 998								
Sample B		113	19	17	140		CVP	113	3,9	asym.	56	170	140	139	99
(0) not specified		108	16	15	27	0							27		
(5) Dialab		99,5	6,7	6,7	5	0							5		
(88) Becton Dickinson		109	15	14	21	0							21		
(121) Greiner		106	13	12	34	0							34		
(123) Sarstedt		136	17	13	25	0							25		
(999) another manufacturer		107	12	11	26	0							26		
Other					2	0							2		
							2x 998								