

EQA round: SED2/23 - Erythrocyte Sedimentation Rate

Deadline: 15.9.2023

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]				80							80	73	91	
Sample A		56,7	16	27	80		CVP	56,7	4,3	asym.	28	86	80	74	93
(0) not specified		58,3	10	18	14	0							14		
(88) Becton Dickinson		56,9	8,7	15	12	0							12		
(121) Greiner		53,7	13	25	19	0							19		
(123) Sarstedt		72,6	6,4	8,9	16	0							16		
(999) another manufacturer		36,7	26	71	15	0							15		
Other					4	0							4		
							2x 5, 2x 998								
Sample B		1,95	0,82	42	80		CVP	1,95	0,22	asym.	0	5	80	78	98
(0) not specified		1,92	0,72	37	14	0							14		
(88) Becton Dickinson		2	0	0	12	0							12		
(121) Greiner		1,62	0,59	36	19	0							19		
(123) Sarstedt		2,76	1,2	44	16	0							16		
(999) another manufacturer		2,15	1,3	61	15	0							15		
Other					4	0							4		
							2x 5, 2x 998								
(542) Erythrocyte sedimentation (2 h)	[mm/2hod]				79							79	72	91	
Sample A		93,1	21	23	79		CVP	93,1	5,8	asym.	46	140	79	73	92
(0) not specified		89,5	20	22	14	0							14		
(88) Becton Dickinson		98	15	16	12	0							12		
(121) Greiner		88,4	12	13	18	0							18		
(123) Sarstedt		116	6,6	5,7	16	0							16		
(999) another manufacturer		65,2	45	68	15	0							15		
Other					4	0							4		
							2x 5, 2x 998								
Sample B		3,83	1,2	32	79		CVP	3,83	0,33	asym.	0	7	79	76	96
(0) not specified		3,78	0,78	21	14	0							14		
(88) Becton Dickinson		4,15	1,1	27	12	0							12		
(121) Greiner		3,31	0,98	30	18	0							18		
(123) Sarstedt		4,4	0,76	17	16	0							16		
(999) another manufacturer		4,11	2,2	53	15	0							15		
Other					4	0							4		
							2x 5, 2x 998								