

EQA round: SED2/24 - Erythrocyte Sedimentation Rate

Deadline: 13.9.2024

Setup: groups - P (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]				90								90	81	90
Sample A		3,43	1,4	41	90		CVP	3,43	0,36	asym.	0	9	90	90	100
(0) not specified		3,42	1,6	48	14	0							14		
(88) Becton Dickinson		2,5	0,74	30	6	0							6		
(121) Greiner		3,13	1,1	37	34	0							34		
(123) Sarstedt		5,23	1,7	32	19	0							19		
(999) another manufacturer		2,75	1,1	39	14	0							14		
Other					3	0							3		
							2x 5, 1x 998								
Sample B		48,9	15	31	90		CVP	48,9	3,9	asym.	24	74	90	81	90
(0) not specified		46,3	14	31	14	0							14		
(88) Becton Dickinson		38	10	27	6	0							6		
(121) Greiner		48,9	11	22	34	0							34		
(123) Sarstedt		63,2	6,3	9,9	19	0							19		
(999) another manufacturer		30,4	24	78	14	0							14		
Other					3	0							3		
							2x 5, 1x 998								
(542) Erythrocyte sedimentation (2 h)	[mm/2hod]				89								89	82	92
Sample A		8,87	5,4	61	89		CVP	8,87	1,4	asym.	3	20	89	89	100
(0) not specified		9,86	6,2	63	14	0							14		
(88) Becton Dickinson		9	5,9	66	6	0							6		
(121) Greiner		6	1,5	25	33	0							33		
(123) Sarstedt		15,4	2,9	19	19	0							19		
(999) another manufacturer		5,72	2,3	39	14	0							14		
Other					3	0							3		
							2x 5, 1x 998								
Sample B		83,5	22	26	89		CVP	83,5	5,7	asym.	41	126	89	82	92
(0) not specified		80,6	16	20	14	0							14		
(88) Becton Dickinson		70,5	13	18	6	0							6		
(121) Greiner		80,5	14	18	33	0							33		
(123) Sarstedt		109	8,4	7,7	19	0							19		
(999) another manufacturer		51,9	35	68	14	0							14		
Other					3	0							3		
							2x 5, 1x 998								