

EQA round: RC2/23 - Reticulocytes (Analyser)

Deadline: 17.11.2023

Setup: groups - S (measuring system); 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				
(213) Reticulocytes	[·10 ⁹ /L]				195								195	193	99
Sample A		212	16	7,4	195		CVP	212	2,8	40%	127	297	195	194	99
(737) Siemens Advia 120, 2120, 2120i		201	28	14	11	0							11		
(749) Sysmex XE, XS, XT series		229	36	16	6	0							6		
(763) Abbott Alinity, CELL-DYN Sapphire		246	5,2	2,1	6	0							6		
(765) Abbott CELL-DYN Ruby		209	14	6,8	5	0							5		
(771) MINDRAY BC 6xxx series		198	5,9	3	38	0							38		
(772) Sysmex XN series		218	11	4,9	109	0							109		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		194	16	8,5	19	0							19		
Other					1	0							1		
							1x 999								
Sample B		113	12	10	195		CVP	113	2	40%	67,8	159	195	193	99
(737) Siemens Advia 120, 2120, 2120i		113	29	26	11	0							11		
(749) Sysmex XE, XS, XT series		122	15	12	6	0							6		
(763) Abbott Alinity, CELL-DYN Sapphire		142	3	2,1	6	0							6		
(765) Abbott CELL-DYN Ruby		117	3,7	3,2	5	0							5		
(771) MINDRAY BC 6xxx series		102	4,5	4,4	38	0							38		
(772) Sysmex XN series		116	6,6	5,7	109	0							109		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		98,5	6,8	6,9	19	0							19		
Other					1	0							1		
							1x 999								