

EQA round: RC2/23 - Reticulocytes (Analyser)

Deadline: 17.11.2023

Setup: groups - S (measuring system); Slovakia; 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]				49								49	49	100
Sample A		203	14	7,1	49		CVP	212	2,8	40%	127	297	49	49	100
(749) Sysmex XE, XS, XT series		229	36	16	6	0							6		
(771) MINDRAY BC 6xxx series		197	4,9	2,5	25	0							25		
(772) Sysmex XN series		223	11	4,9	9	0							9		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		185	21	12	7	0							7		
Other					2	0							2		
							1x 737, 1x 765								
Sample B		106	11	10	49		CVP	113	2	40%	67,8	159	49	49	100
(749) Sysmex XE, XS, XT series		122	15	12	6	0							6		
(771) MINDRAY BC 6xxx series		101	4	4	25	0							25		
(772) Sysmex XN series		118	1,9	1,6	9	0							9		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		95,4	5	5,2	7	0							7		
Other					2	0							2		
							1x 737, 1x 765								