Summary statistics - quantitative results

EQA round: CD342/26 - Population of CD34+ Cells

Deadline: 26.10.2026

Setup: groups - R (manufacturer of kit); minimal size of the groups n = 5

RoM = robust average
SD = standard deviation
CV = coefficient of variation
N_{tot} = total number of the results
N_{out} = number of the results removed before calculation
AV = assigned value
CVP = consensus of all participants
U_{AV} = expanded uncertainty of the assigned value (k = 2)
D_{max} = acceptable difference
LL = lower limit
UL = upper limit
N_{eva} = number of the results assessed
N_{suc} = number of successful results
S_{rel} = relative success

Test / Sample / Group	[unit]	RoM	SD	CV [%]	N_{tot}	N_{out}	Comparability	AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel} [%]
(692) **CD 34+ (absolute count)**	[$\cdot 10^6$/L]				26								26	23	88
Sample A		159	19	12	26		CVP	159	9	25%	119	199	26	24	92
(12) Beckman Coulter		164	17	10	11	0							11		
(88) Becton Dickinson		146	17	11	5	0							5		
Other					10	0							10		
							3x 0, 1x 63, 4x 190, 2x 999								
Sample B		40,1	4,1	10	26		CVP	40,1	2	25%	30	50,2	26	24	92
(12) Beckman Coulter		39,5	4,4	11	11	0							11		
(88) Becton Dickinson		39	1,8	4,6	5	0							5		
Other					10	0							10		
							3x 0, 1x 63, 4x 190, 2x 999								
(691) **CD 34+ (relative count)**	[%]				26								26	24	92
Sample A		0,427	0,038	8,9	26		CVP	0,427	0,018	25%	0,32	0,534	26	25	96
(12) Beckman Coulter		0,421	0,047	11	14	0							14		
(88) Becton Dickinson		0,4	0,059	15	8	0							8		
Other					4	0							4		
							4x 190								
Sample B		0,266	0,02	7,6	26		CVP	0,266	0,01	25%	0,199	0,333	26	25	96
(12) Beckman Coulter		0,261	0,03	11	14	0							14		
(88) Becton Dickinson		0,265	0,007	2,8	8	0							8		
Other					4	0							4		
							4x 190								
(690) **WBC**	[$\cdot 10^9$/L]				26								26	25	96
Sample A		38,1	1,1	2,8	26		CVP	38,1	0,52	15%	32,3	43,9	26	25	96
(63) Sysmex		38,5	0,8	2,1	17	0							17		
Other					9	0							9		
							4x 12, 2x 88, 2x 177, 1x 190								
Sample B		15,3	0,46	3	26		CVP	15,3	0,22	15%	13	17,6	26	25	96
(63) Sysmex		15,4	0,28	1,8	17	0							17		
Other					9	0							9		
							4x 12, 2x 88, 2x 177, 1x 190								