

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: CD341/22 - Population of CD34+ Cells

Deadline: 18.04.2022

RoM = robust average	AV = assigned value	Dmax = acceptable percent difference
SD = standard deviation	CRV = certified reference value	LL = lower limit
CV = coefficient of variation	RV = reference value	UL = upper limit
Ntot = total number of the participants	CVE = consensus value from experts	Neva = number of evaluated participants
Nout = number of results excluded before calculation	CVP = consensus value from all participants	Nsuc = number of successful participants
	CVPG = consensus value from participants groups	Srel = success (relative)
	U _{AV} = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability												
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(690) WBC					22							22	22	100%
_____ Samples and groups	r.10(exp9)/L]													
Sample A		22,6	0,84	3,7	22	CVP	22,6	0,44	15%	19,2	26	22	22	100%
(63) Sysmex		22,9	0,59	2,6	13	0						13		
Other					9	0						9		
							4x 12, 3x 88, 1x 157, 1x 177							
Sample B		37,1	1,2	3,3	22	CVP	37,1	0,64	15%	31,5	42,7	22	22	100%
(63) Sysmex		37,4	1,0	2,7	13	0						13		
Other					9	0						9		
							4x 12, 3x 88, 1x 157, 1x 177							
(691) CD 34+ (relative count)					22							22	20	91%
_____ Samples and groups	[%]													
Sample A		0,942	0,082	8,7	22	CVP	0,942	0,043	25%	0,706	1,18	22	21	95%
(12) Beckman Coulter		0,887	0,079	8,9	9	0						9		
(88) Becton Dickinson		0,977	0,06	6,1	13	0						13		
Sample B		0,267	0,027	10	22	CVP	0,267	0,014	25%	0,2	0,334	22	21	95%
(12) Beckman Coulter		0,252	0,022	8,5	9	0						9		
(88) Becton Dickinson		0,279	0,024	8,6	13	0						13		
(692) CD 34+ (absolute count)					22							22	21	95%
_____ Samples and groups	[count/μL]													
Sample A		212	20	9,5	22	CVP	212	10	25%	159	265	22	22	100%
(12) Beckman Coulter		203	27	13	8	0						8		
(88) Becton Dickinson		217	18	8,1	10	0						10		
Other					4	0						4		
							2x 0, 1x 27, 1x 63							
Sample B		99,5	7,9	7,9	22	CVP	99,5	4,1	25%	74,6	125	22	21	95%
(12) Beckman Coulter		96,6	8,0	8,3	8	0						8		
(88) Becton Dickinson		103	8,7	8,4	10	0						10		
Other					4	0						4		
							2x 0, 1x 27, 1x 63							

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End of report

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