

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: CD341/21 - Population of CD34+ Cells

Deadline: 19.04.2021

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					Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(690) WBC					23							23	22	96%
Samples and groups	1.10(exp9)/L													
Sample A		45,2	1,5	3,2	23	CVP	45,2	0,75	15%	38,4	52	23	23	100%
(12) Beckman Coulter		44,6	1,2	2,8	5	0						5		
(63) Sysmex		45,7	1,2	2,6	13	0						13		
Other					5	0						5		
							2x 88, 1x 157, 1x 177, 1x 190							
Sample B		31,2	1,6	5,1	23	CVP	31,2	0,82	15%	26,5	35,9	23	22	96%
(12) Beckman Coulter		30,5	0,44	1,5	5	0						5		
(63) Sysmex		31,9	1,2	3,7	13	0						13		
Other					5	0						5		
							2x 88, 1x 157, 1x 177, 1x 190							
(691) CD 34+ (relative count)					23							23	23	100%
Samples and groups	[%]													
Sample A		0,397	0,029	7,3	23	CVP	0,397	0,015	25%	0,297	0,497	23	23	100%
(12) Beckman Coulter		0,406	0,038	9,3	8	0						8		
(88) Becton Dickinson		0,400	0,027	6,6	13	0						13		
Other					2	0						2		
							1x 36, 1x 190							
Sample B		0,500	0,033	6,5	23	CVP	0,5	0,017	25%	0,375	0,625	23	23	100%
(12) Beckman Coulter		0,497	0,053	11	8	0						8		
(88) Becton Dickinson		0,509	0,027	5,3	13	0						13		
Other					2	0						2		
							1x 36, 1x 190							
(692) CD 34+ (absolute count)					23							23	23	100%
Samples and groups	[count/μL]													
Sample A		179	15	8,4	23	CVP	179	7,7	25%	134	224	23	23	100%
(12) Beckman Coulter		182	19	11	8	0						8		
(88) Becton Dickinson		179	6,3	3,5	11	0						11		
Other					4	0						4		
							2x 0, 1x 36, 1x 190							
Sample B		155	15	9,6	23	CVP	155	7,6	25%	116	194	23	23	100%
(12) Beckman Coulter		154	23	15	8	0						8		
(88) Becton Dickinson		155	14	8,9	11	0						11		
Other					4	0						4		
							2x 0, 1x 36, 1x 190							

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End of report

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