

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: CD342/21 - Population of CD34+ Cells

Deadline: 01.11.2021

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					22							22	21	95%
Samples and groups	r.10(exp9)/L													
Sample A		17,4	0,48	2,8	22	CVP	17,4	0,25	15%	14,7	20,1	22	22	100%
(12) Beckman Coulter		17,5	0,48	2,7	5	0						5		
(63) Sysmex		17,4	0,44	2,5	13	0						13		
Other					4	0						4		
							2x 88, 1x 157, 1x 177							
Sample B		10,3	0,35	3,4	22	CVP	10,3	0,18	15%	8,75	11,9	22	21	95%
(12) Beckman Coulter		10,3	0,22	2,2	5	0						5		
(63) Sysmex		10,4	0,30	2,8	13	0						13		
Other					4	0						4		
							2x 88, 1x 157, 1x 177							
(691) CD 34+ (relative count)					22							22	21	95%
Samples and groups	[%]													
Sample A		0,457	0,034	7,4	22	CVP	0,457	0,018	25%	0,342	0,572	22	21	95%
(12) Beckman Coulter		0,447	0,039	8,8	9	0						9		
(88) Becton Dickinson		0,465	0,026	5,5	13	0						13		
Sample B		0,840	0,053	6,3	22	CVP	0,84	0,028	25%	0,63	1,05	22	21	95%
(12) Beckman Coulter		0,818	0,063	7,7	9	0						9		
(88) Becton Dickinson		0,850	0,036	4,2	13	0						13		
(692) CD 34+ (absolute count)					22							22	21	95%
Samples and groups	[count/μL]													
Sample A		80,0	6,9	8,7	22	CVP	80	3,6	25%	60	100	22	22	100%
(12) Beckman Coulter		77,4	12	16	8	0						8		
(88) Becton Dickinson		81,3	8,4	10	10	0						10		
Other					4	0						4		
							2x 0, 1x 27, 1x 63							
Sample B		86,3	6,5	7,6	22	CVP	86,3	3,4	25%	64,7	108	22	21	95%
(12) Beckman Coulter		85,3	6,1	7,2	8	0						8		
(88) Becton Dickinson		82,0	12	15	10	0						10		
Other					4	0						4		
							2x 0, 1x 27, 1x 63							

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End of report

Printed: 06.11.2021