

## Summary statistics - quantitative results

(Groups: manufacturer of kit)

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 <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability												
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>
<b>(690) WBC</b>					22							22	21	95%
Samples and groups	r.10(exp9)/L													
<b>Sample A</b>		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							
<b>Sample B</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							
<b>(691) CD 34+ (relative count)</b>					22							22	21	95%
Samples and groups	[%]													
<b>Sample A</b>		0,457	0,034	7,4	22	CVP	0,457	0,018	25%	0,342	0,572	22	21	95%
(12) Beckman Coulter		0,450	0,044	9,7	7	0						7		
(88) Becton Dickinson		0,465	0,024	5,2	13	0						13		
Other					2	0						2		
							1x 36, 1x 190							
<b>Sample B</b>		0,840	0,053	6,3	22	CVP	0,84	0,028	25%	0,63	1,05	22	21	95%
(12) Beckman Coulter		0,823	0,076	9,2	7	0						7		
(88) Becton Dickinson		0,860	0,017	1,9	13	0						13		
Other					2	0						2		
							1x 36, 1x 190							
<b>(692) CD 34+ (absolute count)</b>					22							22	21	95%
Samples and groups	[count/μL]													
<b>Sample A</b>		80,0	6,9	8,7	22	CVP	80	3,6	25%	60	100	22	22	100%
(12) Beckman Coulter		79,3	8,7	11	7	0						7		
(88) Becton Dickinson		80,2	5,9	7,3	11	0						11		
Other					4	0						4		
							2x 0, 1x 36, 1x 190							
<b>Sample B</b>		86,3	6,5	7,6	22	CVP	86,3	3,4	25%	64,7	108	22	21	95%
(12) Beckman Coulter		85,8	3,8	4,4	7	0						7		
(88) Becton Dickinson		86,7	5,9	6,8	11	0						11		
Other					4	0						4		
							2x 0, 1x 36, 1x 190							

st\_kn\_p

End of report

Printed: 06.11.2021