

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: IFT1/22 - Immunophenotypisation

Deadline: 11.04.2022

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]	Test					Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(253) CD 3+ T lymphocytes					103							103	98	95%
Samples and groups	[%]													
Sample A		80,8	1,1	1,4	103	CVP	80,8	0,27	7%	75,1	86,5	103	99	96%
(12) Beckman Coulter		80,6	1,0	1,3	63	0						63		
(88) Becton Dickinson		81,0	1,2	1,5	30	0						30		
(177) Mindray		81,5	0,82	1,0	9	0						9		
Other					1	0						1		
Sample B		79,4	1,2	1,5	103	CVP	79,4	0,29	7%	73,8	85	103	101	98%
(12) Beckman Coulter		79,2	1,1	1,4	63	0						63		
(88) Becton Dickinson		79,7	1,8	2,3	30	0						30		
(177) Mindray		79,6	0,89	1,1	9	0						9		
Other					1	0						1		
(254) CD 4+ T lymphocytes					103							103	99	96%
Samples and groups	[%]													
Sample A		44,8	1,3	3,0	103	CVP	44,8	0,33	10%	40,3	49,3	103	100	97%
(12) Beckman Coulter		44,9	1,3	2,8	63	0						63		
(88) Becton Dickinson		44,1	2,0	4,4	30	0						30		
(177) Mindray		45,6	0,85	1,9	9	0						9		
Other					1	0						1		
Sample B		46,5	1,4	3,0	103	CVP	46,5	0,34	10%	41,8	51,2	103	99	96%
(12) Beckman Coulter		46,6	1,2	2,5	63	0						63		
(88) Becton Dickinson		46,0	2,0	4,3	30	0						30		
(177) Mindray		46,7	1,1	2,4	9	0						9		
Other					1	0						1		
(255) CD 8+ T lymphocytes					103							103	98	95%
Samples and groups	[%]													
Sample A		31,4	2,5	8,1	103	CVP	31,4	0,61	17%	26	36,8	103	100	97%
(12) Beckman Coulter		30,9	2,4	7,6	63	0						63		
(88) Becton Dickinson		31,9	3,1	9,6	30	0						30		
(177) Mindray		33,2	0,59	1,8	9	0						9		
Other					1	0						1		
Sample B		25,3	1,3	5,2	103	CVP	25,3	0,31	17%	20,9	29,7	103	100	97%
(12) Beckman Coulter		24,9	1,4	5,5	63	0						63		
(88) Becton Dickinson		25,9	1,2	4,6	30	0						30		
(177) Mindray		25,7	0,44	1,7	9	0						9		
Other					1	0						1		
(256) B lymphocytes					103							103	101	98%
Samples and groups	[%]													
Sample A		7,58	0,74	9,8	103	CVP	7,58	0,18	30%	5,3	9,86	103	101	98%
(12) Beckman Coulter		7,53	0,87	11	63	0						63		
(88) Becton Dickinson		7,67	0,68	8,8	30	0						30		
(177) Mindray		7,42	0,42	5,6	9	0						9		
Other					1	0						1		
Sample B		11,0	0,87	7,9	103	CVP	11	0,21	30%	7,7	14,3	103	101	98%
(12) Beckman Coulter		10,9	0,88	8,1	63	0						63		
(88) Becton Dickinson		11,3	0,93	8,2	30	0						30		
(177) Mindray		10,9	0,52	4,8	9	0						9		
Other					1	0						1		
(257) NK cells					103							103	95	92%
Samples and groups	[%]													
Sample A		10,3	0,75	7,3	103	CVP	10,3	0,18	26%	7,62	13	103	98	95%
(12) Beckman Coulter		10,3	0,68	6,6	63	0						63		
(88) Becton Dickinson		10,3	0,90	8,7	30	0						30		
(177) Mindray		10,4	0,58	5,6	9	0						9		
Other					1	0						1		
Sample B		8,25	0,80	9,7	103	CVP	8,25	0,19	26%	6,1	10,4	103	96	93%
(12) Beckman Coulter		8,34	0,73	8,8	63	0						63		
(88) Becton Dickinson		8,12	1,1	13	30	0						30		

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: IFT1/22 - Immunophenotypisation

Deadline: 11.04.2022

Test	[unit]	ROM	SD	CV [%]	N _{tot}	N _{out}	Comparability						N _{eva}	N _{suc}	S _{rel}
							AV	U _{AV}	D _{max}	LL	UL				
(257) NK cells					103								103	95	92%
Samples and groups	[%]														
Sample B		8,25	0,80	9,7	103		CVP	8,25	0,19	26%	6,1	10,4	103	96	93%
(177) Mindray		8,30	0,44	5,4	9	0							9		
Other					1	0							1		
							1x 999								
st_kn_p							End of report								Printed: 14.04.2022