

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

Deadline: 27.08.2021

EQA round: BIL2/21 - Bilirubin Neonatal

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						Traceability														
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}								
(215) Bilirubin total					136																	
Samples and groups	[µmol/L]																					
Sample A		172	13	7,8	136						0		CRV	169,9	3,8	20%	135	204	136	132	97%	
(1) Abbott		178	9,2	5,2	21	0															21	
(58) Beckman Coulter (AU)		172	7,3	4,3	25	0																25
(60) Roche		161	6,1	3,8	44	0																44
(149) Siemens (Dade, BN, Dimension)		180	7,5	4,2	14	0																14
(162) Siemens (Atellica)		192	8,8	4,6	9	0																9
(179) Siemens		181	16	8,9	15	0																15
Other					8	0																8
													2x 12, 1x 40, 1x 61, 1x 71, 1x 166, 1x 177, 1x 999									
Sample B		53,8	4,4	8,1	136						0		CRV	51,9	1,2	20%	41,5	62,3	136	131	96%	
(1) Abbott		56,5	2,9	5,2	21	0																21
(58) Beckman Coulter (AU)		54,5	1,9	3,4	25	0																25
(60) Roche		49,7	1,8	3,6	44	0																44
(149) Siemens (Dade, BN, Dimension)		54,6	3,1	5,7	14	0																14
(162) Siemens (Atellica)		61,0	1,5	2,4	9	0																9
(179) Siemens		55,6	4,0	7,1	15	0																15
Other					8	0																8
													2x 12, 1x 40, 1x 61, 1x 71, 1x 166, 1x 177, 1x 999									

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End of report

Printed: 02.09.2021