

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: BIL1/21 - Bilirubin Neonatal

Deadline: 12.02.2021

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											
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}
(215) Bilirubin total					139						139	136	98%
----- Samples and groups -----	[µmol/L]												
Sample A		86,0	5,6	6,5	139	CVP	86	1,2	20%	68,8	104	139	139 100%
(1) Abbott		87,9	6,6	7,5	21							21	
(58) Beckman Coulter (AU)		86,9	1,7	2,0	30							30	
(60) Roche		81,0	3,0	3,7	42							42	
(149) Siemens (Dade, BN, Dimension)		86,9	2,5	2,9	14							14	
(179) Siemens		92,3	6,6	7,2	20							20	
Other					12							12	
						3x 12, 1x 40, 1x 61, 4x 162, 1x 166, 1x 177, 1x 999							
Sample B		215	15	6,9	139	CVP	215	3,1	20%	172	258	139	136 98%
(1) Abbott		219	14	6,6	21							21	
(58) Beckman Coulter (AU)		213	8,1	3,8	30							30	
(60) Roche		203	7,1	3,5	42							42	
(149) Siemens (Dade, BN, Dimension)		221	8,8	4,0	14							14	
(179) Siemens		236	17	7,1	20							20	
Other					12							12	
						3x 12, 1x 40, 1x 61, 4x 162, 1x 166, 1x 177, 1x 999							

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End of report

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