

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: BIL2/20 - Bilirubin Neonatal

Deadline: 21.08.2020

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}
(215) Bilirubin total					140							140	129	92%
----- Samples and groups -----	[µmol/L]													
Sample A		367	25	6,8	140	CVP	367	5,2	20%	293	441	140	130	93%
(1) Abbott		396	44	11	13							13		
(58) Beckman Coulter (AU)		358	8,9	2,5	33							33		
(60) Roche		350	12	3,3	41							41		
(149) Siemens (BN, Dimension)		377	19	5,0	15							15		
(179) Siemens		405	29	7,1	20							20		
Other					18							18		
						2x 12, 1x 40, 4x 46, 3x 49, 1x 61, 1x 70, 1x 77, 1x 158, 1x 178, 3x 998								
Sample B		224	15	6,8	140	CVP	224	3,1	20%	179	269	140	137	98%
(1) Abbott		229	19	8,4	13							13		
(58) Beckman Coulter (AU)		230	4,6	2,0	33							33		
(60) Roche		209	6,5	3,1	41							41		
(149) Siemens (BN, Dimension)		233	12	5,3	15							15		
(179) Siemens		237	16	6,7	20							20		
Other					18							18		
						2x 12, 1x 40, 4x 46, 3x 49, 1x 61, 1x 70, 1x 77, 1x 158, 1x 178, 3x 998								

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End of report

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