

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of groups n = 5

EQA round: BIL2/19 - Bilirubin Neonatal

Dead line: 23.08.2019

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 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					141						141	138	98%	
Samples and groups	[µmol/L]													
Sample A		317	21	6,6	141	CVP	317	4,3	20%	253	381	141	139	99%
(1) Abbott		324	18	5,6	13									13
(58) Beckman Coulter (AU)		309	7,4	2,4	33									33
(60) Roche		302	11	3,7	41									41
(149) Siemens (BN, Dimension)		332	10	3,1	15									15
(179) Siemens		348	21	6,0	20									20
Other					19									19
							3x 12, 1x 40, 4x 46, 3x 49, 1x 61, 1x 70, 1x 77, 1x 158, 1x 178, 3x 998							
Sample B		168	11	6,7	141	CVP	168	2,3	20%	134	202	141	138	98%
(1) Abbott		172	12	6,9	13									13
(58) Beckman Coulter (AU)		165	4,3	2,6	33									33
(60) Roche		160	5,6	3,5	41									41
(149) Siemens (BN, Dimension)		177	5,2	3,0	15									15
(179) Siemens		185	11	5,8	20									20
Other					19									19
							3x 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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