

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

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													
		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		322	17	5,2	18	0						18			
(58) Beckman Coulter (AU)		309	7,4	2,4	33	0						33			
(60) Roche		302	11	3,7	41	0						41			
(149) Siemens (BN, Dimension)		332	10	3,1	15	0						15			
(179) Siemens		348	21	5,9	24	0						24			
Other					10	0						10			
							4x 12, 1x 40, 1x 61, 1x 71, 1x 166, 1x 177, 1x 999								
Sample B		168	11	6,7	141	CVP	168	2,3	20%	134	202	141	138	98%	
(1) Abbott		171	10	5,9	18	0						18			
(58) Beckman Coulter (AU)		165	4,3	2,6	33	0						33			
(60) Roche		160	5,6	3,5	41	0						41			
(149) Siemens (BN, Dimension)		177	5,2	3,0	15	0						15			
(179) Siemens		184	11	6,2	24	0						24			
Other					10	0						10			
							4x 12, 1x 40, 1x 61, 1x 71, 1x 166, 1x 177, 1x 999								

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End of report

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