

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

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													
		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		383	42	11	18	0						18			
(58) Beckman Coulter (AU)		358	8,9	2,5	33	0						33			
(60) Roche		350	12	3,3	41	0						41			
(149) Siemens (BN, Dimension)		377	19	5,0	15	0						15			
(179) Siemens		406	31	7,7	24	0						24			
Other					9	0						9			
							3x 12, 1x 40, 1x 61, 1x 71, 1x 166, 1x 177, 1x 999								
Sample B		224	15	6,8	140	CVP	224	3,1	20%	179	269	140	137	98%	
(1) Abbott		227	18	7,7	18	0						18			
(58) Beckman Coulter (AU)		230	4,6	2,0	33	0						33			
(60) Roche		209	6,5	3,1	41	0						41			
(149) Siemens (BN, Dimension)		233	12	5,3	15	0						15			
(179) Siemens		240	19	8,0	24	0						24			
Other					9	0						9			
							3x 12, 1x 40, 1x 61, 1x 71, 1x 166, 1x 177, 1x 999								

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End of report

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