

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: BIL1/21 - Bilirubin Neonatal

Deadline: 12.02.2021

RoM = robust average
 SD = standard deviation
 CV = coefficient of variation
 Ntot = total number of the participants
 Nout = number of results excluded before calculation

AV = assigned value
 CRV = certified reference value
 RV = reference value
 CVE = consensus value from experts
 CVP = consensus value from all participants
 CVPG = consensus value from participants groups
 U_{AV} = expanded uncertainty of the assigned value ($k = 2$)

Dmax = acceptable percent difference
 LL = lower limit
 UL = upper limit
 Neva = number of evaluated participants
 Nsuc = number of successful participants
 Srel = success (relative)

Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability								
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	
(215) Bilirubin total	[μmol/L]				139							139	136	98%	
Samples and groups															
Sample A															
(1) Abbott	86,0	5,6	6,5	139	CVP	86	1,2	20%	68,8	104		139	139	100%	
(58) Beckman Coulter (AU)	88,3	6,8	7,8	16	0									16	
(60) Roche	86,9	1,7	2,0	30	0									30	
(149) Siemens (Dade, BN, Dimension)	81,0	3,0	3,7	42	0									42	
(179) Siemens	86,9	2,5	2,9	14	0									14	
Other	93,4	6,0	6,4	17	0									17	
				20	0									20	
							2x 12, 1x 40, 3x 46, 3x 49, 1x 61, 1x 70, 1x 77, 1x 158, 4x 162, 1x 178, 2x 998								
Sample B					215	15	6,9	139	CVP	215	3,1	20%	172	258	139 136 98%
(1) Abbott	218	14	6,4	16	0									16	
(58) Beckman Coulter (AU)	213	8,1	3,8	30	0									30	
(60) Roche	203	7,1	3,5	42	0									42	
(149) Siemens (Dade, BN, Dimension)	221	8,8	4,0	14	0									14	
(179) Siemens	238	15	6,3	17	0									17	
Other				20	0									20	
							2x 12, 1x 40, 3x 46, 3x 49, 1x 61, 1x 70, 1x 77, 1x 158, 4x 162, 1x 178, 2x 998								

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End of report

Printed: 17.02.2021