

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: BIL2/22 - Bilirubin Neonatal

Deadline: 26.08.2022

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					125							125	118	94%
--- Samples and groups ---	[µmol/L]													
Sample A		225	15	6,8	125	CVP	225	3,4	20%	180	270	125	122	98%
(1) Abbott		226	9,1	4,0	22	0						22		
(58) Beckman Coulter (AU)		234	3,9	1,7	21	0						21		
(60) Roche		213	7,4	3,5	51	0						51		
(149) Siemens (Dade, BN, Dimension)		232	1,7	0,73	5	0						5		
(162) Siemens (Atellica)		245	8,2	3,3	9	0						9		
(179) Siemens		237	15	6,5	11	0						11		
Other					6	0						6		
							2x 12, 1x 40, 1x 61, 1x 166, 1x 177							
Sample B		366	26	7,1	125	CVP	366	5,7	20%	292	440	125	119	95%
(1) Abbott		380	14	3,6	22	0						22		
(58) Beckman Coulter (AU)		358	11	3,2	21	0						21		
(60) Roche		348	12	3,6	51	0						51		
(149) Siemens (Dade, BN, Dimension)		379	5,8	1,5	5	0						5		
(162) Siemens (Atellica)		407	13	3,2	9	0						9		
(179) Siemens		391	31	7,9	11	0						11		
Other					6	0						6		
							2x 12, 1x 40, 1x 61, 1x 166, 1x 177							

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End of report

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