Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: BIL2/21 - Bilirubin Neonatal

Deadline: 27.08.2021

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}	Traceability AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel}
(215) Bilirubin total [µmol/L]				136							0								136	128	94%
Samples and groups																					
Sample A	172	13	7,8	136							0			CRV 169,9	3,8	20%	135	204	136	132	97%
(1) Abbott	179	11	5,9	18	0														18		
(58) Beckman Coulter (AU)	172	7,3	4,3	25	0														25		
(60) Roche	161	6,1	3,8	44	0														44		
(149) Siemens (Dade, BN, Dimension)	180	7,5	4,2	14	0														14		
(162) Siemens (Atellica)	193	9,6	5,0	8	0														8		
(179) Siemens	183	17	9,3	13	0														13		
Other				14	0														14		
														2x 12, 1x 40, 3x 46, 2x 49, 1x 61, 1x 77, 1x 158, 1x 178, 2x 998							
Sample B	53,8	4,4	8,1	136							0			CRV 51,9	1,2	20%	41,5	62,3	136	131	96%
(1) Abbott	56,9	2,9	5,0	18	0														18		
(58) Beckman Coulter (AU)	54,5	1,9	3,4	25	0														25		
(60) Roche	49,7	1,8	3,6	44	0														44		
(149) Siemens (Dade, BN, Dimension)	54,6	3,1	5,7	14	0														14		
(162) Siemens (Atellica)	61,2	1,8	2,9	8	0														8		
(179) Siemens	56,3	4,0	7,1	13	0														13		
Other				14	0														14		
														2x 12, 1x 40, 3x 46, 2x 49, 1x 61, 1x 77, 1x 158, 1x 178, 2x 998							