

## Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

## EQA round: BIL1/22 - Bilirubin Neonatal

Deadline: 11.02.2022

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 <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability					Comparability							
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>
<b>(215) Bilirubin total</b>					126						126	123	98%	
--- Samples and groups ---	[µmol/L]													
<b>Sample A</b>		366	28	7,7	126	CVP	366	6,1	20%	292	440	126	125	99%
(1) Abbott		385	20	5,2	19	0						19		
(58) Beckman Coulter (AU)		359	15	4,1	21	0						21		
(60) Roche		345	11	3,1	51	0						51		
(149) Siemens (Dade, BN, Dimension)		367	7,0	1,9	5	0						5		
(162) Siemens (Atellica)		411	8,9	2,2	8	0						8		
(179) Siemens		406	28	6,8	10	0						10		
Other					12	0						12		
							2x 12, 1x 40, 3x 46, 2x 49, 1x 61, 1x 70, 1x 77, 1x 158							
<b>Sample B</b>		227	17	7,7	126	CVP	227	3,8	20%	181	273	126	124	98%
(1) Abbott		231	10	4,4	19	0						19		
(58) Beckman Coulter (AU)		235	8,3	3,5	21	0						21		
(60) Roche		212	7,6	3,6	51	0						51		
(149) Siemens (Dade, BN, Dimension)		226	6,3	2,8	5	0						5		
(162) Siemens (Atellica)		246	8,9	3,6	8	0						8		
(179) Siemens		249	19	7,4	10	0						10		
Other					12	0						12		
							2x 12, 1x 40, 3x 46, 2x 49, 1x 61, 1x 70, 1x 77, 1x 158							

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End of report

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