

EQA round: GLC1/21 - Glucose (including glucometers)

Deadline: 23.04.2021

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						N _{eva}	N _{suc}	S _{rel}
							AV	U _{AV}	D _{max}	LL	UL				
(140) Glucose (laboratory systems)															12 10 83%
Samples and groups	[mmol/L]				12										
Sample A		5,89	0,44	7,5	12		CVP	5,99	0,057	13%	5,21	6,77	12	11	92%
All results		5,89	0,44	7,5	12	0									12
Sample B		12,8	0,71	5,6	12		CVP	13	0,11	13%	11,3	14,7	12	11	92%
All results		12,8	0,71	5,6	12	0									12
(146) Glucose (Roche POCT)															55 55 100%
Samples and groups	[mmol/L]				55										
Sample A		6,47	0,23	3,6	55		CVP	6,38	0,025	15%	5,42	7,34	55	55	100%
All results		6,47	0,23	3,6	55	0									55
Sample B		13,9	0,56	4,0	55		CVP	13,8	0,053	15%	11,7	15,9	55	55	100%
All results		13,9	0,56	4,0	55	0									55
(147) Glucose (Nova POCT)															15 15 100%
Samples and groups	[mmol/L]				15										
Sample A		5,55	0,26	4,7	15		CVP	5,66	0,033	15%	4,81	6,51	15	15	100%
All results		5,55	0,26	4,7	15	0									15
Sample B		11,7	0,64	5,5	15		CVP	11,6	0,073	15%	9,86	13,4	15	15	100%
All results		11,7	0,64	5,5	15	0									15

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End of report

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