

## EQA round: KD3/23 - Glycated Haemoglobin

Deadline: 28.7.2023

Setup: groups - measurement principle; Slovakia; minimal size of the groups n = 5

RoM = robust average

SD = standard deviation

CV = coefficient of variation

N<sub>tot</sub> = total number of the resultsN<sub>out</sub> = number of the results removed before calculation

AV = assigned value

CVP = consensus of all participants

U<sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)D<sub>max</sub> = acceptable difference

LL = lower limit

UL = upper limit

N<sub>eva</sub> = number of the results assessedN<sub>suc</sub> = number of successful resultsS<sub>rel</sub> = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability						N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL				
(220) Haemoglobin A <sub>1c</sub>	[mmol/mol]				17								17	17	100
<b>Sample A</b>		32,4	1,6	5	17								17	17	100
(1) HPLC, LC		32,6	0,79	2,4	14	0	CVP	32,8	0,32	12%	28,8	36,8	14		
Other					3	0							3		
							3x 4								
<b>Sample B</b>		74,8	1,9	2,6	17								17	17	100
(1) HPLC, LC		74,5	1,9	2,5	14	0	CVP	74,6	0,58	12%	65,6	83,6	14		
Other					3	0							3		
							3x 4								