

## EQA round: KD2/24 - Glycated Haemoglobin

Deadline: 5.4.2024

Setup: groups - M (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]				20							20	17	85	
<b>Sample A</b>		61,2	3,5	5,7	20		CVP	59,9	0,52	10%	53,9	65,9	20	17	85
(1) HPLC, LC		59,7	1,9	3,2	15	0							15		
(4) Immunochemical meth.		65,2	1,5	2,3	5	0							5		
<b>Sample B</b>		44,3	2,5	5,6	20		CVP	43,4	0,39	10%	39	47,8	20	19	95
(1) HPLC, LC		43,4	1,6	3,8	15	0							15		
(4) Immunochemical meth.		46,9	1,3	2,8	5	0							5		