

## EQA round: KD4/24 - Glycated Haemoglobin

Deadline: 1.11.2024

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								
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]	
(220) Haemoglobin A <sub>1c</sub>	[mmol/mol]				29							29	28	97	
<b>Sample A</b>		61,1	1,8	3	29		CVP	61,4	0,38	asym.	55	68	29	28	97
(1) HPLC, LC		61,5	1,8	3	17	0							17		
(4) Immunochemical meth.		60,5	2	3,2	12	0							12		
<b>Sample B</b>		45,1	1,7	3,7	29		CVP	45,5	0,33	asym.	40	51	29	28	97
(1) HPLC, LC		45,1	1,6	3,6	17	0							17		
(4) Immunochemical meth.		45	1,9	4,3	12	0							12		