

## EQA round: GHP1/25 - Glycated Haemoglobin POCT

Deadline: 28.2.2025

Setup: groups - S (measuring system); minimal size of the groups n = 5

RoM = robust average

AV = assigned value

D<sub>max</sub> = acceptable difference

SD = standard deviation

CVE = consensus of the experts

LL = lower limit

CV = coefficient of variation

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

UL = upper limit

N<sub>tot</sub> = total number of the resultsN<sub>eva</sub> = number of the results assessedN<sub>out</sub> = number of the results removed before calculationN<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				
<b>(102) Haemoglobin A<sub>1c</sub></b>	[mmol/mol]				92								92	75	82
<b>Sample A</b>		34,9	2	5,6	92		CVE	35	0,5	asym.	31	39	92	82	89
(142) Siemens DCA Vantage		36	1,5	4,1	6	0							6		
(144) Infopia Clover		35,1	1,2	3,3	46	0							46		
(148) Aidian QuikRead go		34,3	2,2	6,4	22	0							22		
(999) another system		35	3	8,5	9	0							9		
Other					9	0							9		
							4x 143, 3x 145, 2x 150								
<b>Sample B</b>		43,4	2,4	5,5	92		CVE	44,7	0,6	asym.	40	50	92	80	87
(142) Siemens DCA Vantage		44	3	6,7	6	0							6		
(144) Infopia Clover		44	1,3	2,9	46	0							46		
(148) Aidian QuikRead go		42,7	3,7	8,6	22	0							22		
(999) another system		43	1,5	3,4	9	0							9		
Other					9	0							9		
							4x 143, 3x 145, 2x 150								