

EQA round: ALB1/25 - Albumin in Urine

Deadline: 4.4.2025

Setup: groups - R (manufacturer of kit); Slovakia; minimal size of the groups n = 5

RoM = robust average	AV = assigned value	D _{max} = acceptable difference
SD = standard deviation	CVP = consensus of all participants	LL = lower limit
CV = coefficient of variation	U _{AV} = expanded uncertainty of the assigned value (k = 2)	UL = upper limit
N _{tot} = total number of the results		N _{eva} = number of the results assessed
N _{out} = number of the results removed before calculation		N _{suc} = number of successful results
		S _{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability					N _{eva}	N _{suc}	S _{rel} [%]	
							AV	U _{AV}	D _{max}	LL	UL				
(470) ACR	[g/mol]				41							41	40	98	
Sample A												41	41	100	
(0) not specified		5,51	0,39	7,1	41	0	CVP	5,41	0,088	24%	4,11	6,71	41		
Sample B												41	40	98	
(0) not specified		4,73	0,31	6,7	41	0	CVP	4,56	0,068	24%	3,46	5,66	41		
(369) Albumin	[mg/L]				46							46	45	98	
Sample A		30,6	1,5	5,1	46		CVP	30,5	0,33	21%	24	37	46	46	100
(1) Abbott		31	1,5	4,8	7	0							7		
(58) Beckman Coulter (AU)		30,7	0,9	2,9	13	0							13		
(60) Roche		30,7	1,9	6,1	18	0							18		
Other					8	0							8		
								1x 0, 3x 12, 1x 149, 1x 162, 2x 179							
Sample B		60,3	2,8	4,6	46		CVP	58,9	0,65	21%	46,5	71,3	46	45	98
(1) Abbott		61,3	1,7	2,8	7	0							7		
(58) Beckman Coulter (AU)		61,3	1,7	2,8	13	0							13		
(60) Roche		58,6	3,2	5,4	18	0							18		
Other					8	0							8		
								1x 0, 3x 12, 1x 149, 1x 162, 2x 179							
(408) Creatinine	[mmol/L]				44							44	44	100	
Sample A		5,54	0,24	4,3	44		CVP	5,61	0,036	16%	4,71	6,51	44	44	100
(1) Abbott		5,45	0,14	2,6	8	0							8		
(58) Beckman Coulter (AU)		5,55	0,29	5,2	15	0							15		
(60) Roche		5,63	0,19	3,3	15	0							15		
Other					6	0							6		
								1x 0, 2x 5, 1x 12, 1x 149, 1x 162							
Sample B		12,8	0,51	4	44		CVP	12,9	0,076	16%	10,8	15	44	44	100
(1) Abbott		12,6	0,44	3,5	8	0							8		
(58) Beckman Coulter (AU)		12,8	0,68	5,3	15	0							15		
(60) Roche		12,9	0,34	2,6	15	0							15		
Other					6	0							6		
								1x 0, 2x 5, 1x 12, 1x 149, 1x 162							