

EQA round: ALB2/23 - Albumin in Urine

Deadline: 13.10.2023

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

RoM = robust average

SD = standard deviation

CV = coefficient of variation

N_{tot} = total number of the resultsN_{out} = number of the results removed before calculation

AV = assigned value

CVP = consensus of all participants

U_{AV} = expanded uncertainty of the assigned value (k = 2)D_{max} = acceptable difference

LL = lower limit

UL = upper limit

N_{eva} = number of the results assessedN_{suc} = number of successful resultsS_{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]				40							40	38	95	
Sample A												40	39	98	
(0) not specified		2,51	0,26	10	40	0	CVP	2,47	0,051	30%	1,72	3,22	40		
Sample B												40	38	95	
(0) not specified		4,69	0,33	7	40	0	CVP	4,65	0,068	24%	3,53	5,77	40		
(369) Albumin	[mg/L]				43							43	40	93	
Sample A		14,7	1,1	7,2	43		CVP	14,6	0,23	30%	10,2	19	43	41	95
(1) Abbott		16,1	1,1	7,1	8	0							8		
(58) Beckman Coulter (AU)		14,7	0,92	6,2	11	0							11		
(60) Roche		14,5	0,77	5,3	16	0							16		
Other					8	0							8		
								1x 0, 3x 12, 2x 75, 1x 149, 1x 162							
Sample B		58,9	3,6	6,2	43		CVP	58,7	0,63	21%	46,3	71,1	43	41	95
(1) Abbott		59,7	4,2	7	8	0							8		
(58) Beckman Coulter (AU)		60,5	3,3	5,4	11	0							11		
(60) Roche		58,2	3,6	6,1	16	0							16		
Other					8	0							8		
								1x 0, 3x 12, 2x 75, 1x 149, 1x 162							
(408) Creatinine	[mmol/L]				41							41	41	100	
Sample A		5,82	0,28	4,9	41		CVP	5,92	0,044	16%	4,97	6,87	41	41	100
(1) Abbott		5,74	0,2	3,5	8	0							8		
(58) Beckman Coulter (AU)		5,68	0,33	5,9	15	0							15		
(60) Roche		5,93	0,18	3	13	0							13		
Other					5	0							5		
								2x 0, 1x 12, 1x 149, 1x 162							
Sample B		12,6	0,48	3,8	41		CVP	12,6	0,083	16%	10,5	14,7	41	41	100
(1) Abbott		12,3	0,56	4,5	8	0							8		
(58) Beckman Coulter (AU)		12,6	0,41	3,3	15	0							15		
(60) Roche		12,6	0,5	4	13	0							13		
Other					5	0							5		
								2x 0, 1x 12, 1x 149, 1x 162							