

## EQA round: ALB1/24 - Albumin in Urine

Deadline: 5.4.2024

Setup: groups - R (manufacturer of kit); 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			
<b>(470) ACR</b>	[g/mol]				39							39	38	97
<b>Sample A</b>												39	38	97
(0) not specified		5,62	0,45	8	39	0	CVP	5,48	0,09	24%	4,16	6,8	39	
<b>Sample B</b>												39	38	97
(0) not specified		4,68	0,34	7,3	39	0	CVP	4,57	0,063	24%	3,47	5,67	39	
<b>(369) Albumin</b>	[mg/L]				43							43	43	100
<b>Sample A</b>		30,3	1,7	5,7	43		CVP	30,1	0,33	21%	23,7	36,5	43	43
(1) Abbott		31,5	0,82	2,6	8	0							8	
(58) Beckman Coulter (AU)		30,5	1,4	4,5	11	0							11	
(60) Roche		30,2	1,9	6,4	17	0							17	
Other					7	0							7	
								3x 12, 2x 75, 1x 149, 1x 162						
<b>Sample B</b>		55,2	3,4	6,1	43		CVP	54,8	0,56	21%	43,2	66,4	43	43
(1) Abbott		56,8	1,9	3,3	8	0							8	
(58) Beckman Coulter (AU)		57,1	2,9	5,1	11	0							11	
(60) Roche		53,9	3,6	6,8	17	0							17	
Other					7	0							7	
								3x 12, 2x 75, 1x 149, 1x 162						
<b>(408) Creatinine</b>	[mmol/L]				41							41	41	100
<b>Sample A</b>		5,4	0,26	4,9	41		CVP	5,47	0,041	16%	4,59	6,35	41	41
(1) Abbott		5,35	0,26	4,9	8	0							8	
(58) Beckman Coulter (AU)		5,35	0,38	7,1	15	0							15	
(60) Roche		5,48	0,2	3,6	14	0							14	
Other					4	0							4	
								1x 0, 1x 12, 1x 149, 1x 162						
<b>Sample B</b>		11,8	0,51	4,3	41		CVP	12	0,082	16%	10	14	41	41
(1) Abbott		11,8	0,44	3,8	8	0							8	
(58) Beckman Coulter (AU)		11,8	0,73	6,2	15	0							15	
(60) Roche		11,9	0,44	3,7	14	0							14	
Other					4	0							4	
								1x 0, 1x 12, 1x 149, 1x 162						