

EQA round: CC1/25 - Cystatin C

Deadline: 21.3.2025

Setup: groups - R (manufacturer of kit); 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								
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel} [%]	
(106) Cystatin C	[mg/L]				83							83	83	100	
Sample A		0,856	0,063	7,3	83		CVP	0,856	0,017	23%	0,659	1,06	83	83	100
(1) Abbott		0,841	0,035	4,2	15	0							15		
(46) Erba Lachema		0,828	0,036	4,4	5	0							5		
(60) Roche		0,826	0,028	3,4	33	0							33		
(162) Siemens (Atellica)		0,946	0,02	2,1	13	0							13		
Other					17	0							17		
								3x 3, 1x 49, 3x 58, 3x 91, 1x 116, 1x 140, 1x 149, 4x 179							
Sample B		2,72	0,17	6,1	83		CVP	2,72	0,045	23%	2,09	3,35	83	83	100
(1) Abbott		2,81	0,13	4,7	15	0							15		
(46) Erba Lachema		2,6	0,1	4	5	0							5		
(60) Roche		2,59	0,061	2,4	33	0							33		
(162) Siemens (Atellica)		2,86	0,073	2,5	13	0							13		
Other					17	0							17		
								3x 3, 1x 49, 3x 58, 3x 91, 1x 116, 1x 140, 1x 149, 4x 179							