

## EQA round: FC1/25 - Calprotectin in Stool

Deadline: 28.2.2025

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

RoM = robust average

AV = assigned value

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

SD = standard deviation

CVP = consensus of all participants

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>(223) Calprotectin</b>	[µg/g]				75								75	47	63
<b>Sample A</b>		249	140	54	75		CVP	249	38	50%	124	374	75	49	65
(8) Eurospital		225	130	59	7	0							7		
(135) OrgenTec		737	340	46	6	0							6		
(164) DiaSorin		134	17	13	9	0							9		
(166) Thermo Fisher		242	140	58	8	0							8		
(211) INOVA Diagnostics		162	47	29	6	0							6		
(219) Bühlmann		292	110	38	23	0							23		
(999) another manufacturer		232	180	77	10	1							10		
Other					6	0							6		
								2x 49, 1x 60, 2x 87, 1x 200							
<b>Sample B</b>		17,2	13	76	75		CVP	17,2	4	100%	0	34,4	75	72	96
(8) Eurospital		12,8	11	83	7	2							7		
(135) OrgenTec		5,1	0,1	2	6	4							6		
(164) DiaSorin		5	0	0	9	0							9		
(166) Thermo Fisher		3,9	0,15	3,8	8	0							8		
(211) INOVA Diagnostics		15,1	1,6	10	6	0							6		
(219) Bühlmann		29,1	3	10	23	1							23		
(999) another manufacturer		20	15	74	10	1							10		
Other					6	2							6		
								2x 49, 1x 60, 2x 87, 1x 200							