

EQA round: FC1/24 - Calprotectin in Stool

Deadline: 1.3.2024

Setup: groups - M (measurement principle)

AV = assigned value

N_{tot} = total number of the resultsN_{eva} = number of the results assessed

CVP = consensus of all participants

N_{rel} = relative number of the resultsN_{suc} = number of successful results

>>> ... expected result

S_{rel} = relative success

> ... acceptable result

± ... result not assessed

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(223) Calprotectin		71			71	64	90
Sample A		71			71	70	99
(2) EIA (ELISA)	CVP >>>	14	20	Positive			
(3) FIA (FEIA, TRACE)	CVP >>>	5	7	Positive			
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	16	23	Positive			
(6) IMT, IMN		1	1,4	Inconclusive result (borderline)			
	CVP >>>	19	27	Positive			
(7) HPLC, GC	CVP >>>	15	21	Positive			
(99) Another measurement principle	CVP >>>	1	1,4	Positive			
Sample B		71			71	65	92
(2) EIA (ELISA)	CVP >>>	11	15	Negative			
		1	1,4	Inconclusive result (borderline)			
		2	2,8	Positive			
(3) FIA (FEIA, TRACE)	CVP >>>	5	7	Negative			
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	15	21	Negative			
		1	1,4	Inconclusive result (borderline)			
(6) IMT, IMN	CVP >>>	20	28	Negative			
(7) HPLC, GC	CVP >>>	13	18	Negative			
		1	1,4	Inconclusive result (borderline)			
		1	1,4	Positive			
(99) Another measurement principle	CVP >>>	1	1,4	Negative			