

EQA round: RF1/23 - Diagnostics of Rheumatoid Arthritis and ASLO

Deadline: 17.3.2023

Setup: groups - 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} [%]
(277) anti-CCP IgG		83			83	83	100
Sample A1		83			83	83	100
(2) EIA (ELISA)	CVP >>>	33	40	Positive			
(3) FIA (FEIA, TRACE)	CVP >>>	3	3,6	Positive			
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	47	57	Positive			
Sample B1		83			83	83	100
(2) EIA (ELISA)	CVP >>>	33	40	Negative			
(3) FIA (FEIA, TRACE)	CVP >>>	3	3,6	Negative			
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	47	57	Negative			
(282) anti-MCV		23			23	23	100
Sample A1		23			23	23	100
(2) EIA (ELISA)	CVP >>>	22	96	Positive			
(3) FIA (FEIA, TRACE)	CVP >>>	1	4,3	Positive			
Sample B1		23			23	23	100
(2) EIA (ELISA)	CVP >>>	22	96	Negative			
(3) FIA (FEIA, TRACE)	CVP >>>	1	4,3	Negative			
(231) Rheumat. fac. (scr)		173			173	173	100
Sample A1		173			173	173	100
(2) EIA methods	CVP >>>	2	1,2	Positive			
(3) IMT, IMN	CVP >>>	169	98	Positive			
(7) Semi-quant. aglut. m.	CVP >>>	2	1,2	Positive			
Sample B1		173			173	173	100
(2) EIA methods	CVP >>>	2	1,2	Negative			
(3) IMT, IMN	CVP >>>	169	98	Negative			
(7) Semi-quant. aglut. m.	CVP >>>	2	1,2	Negative			
(234) Rheumat. factor IgA		47			47	47	100
Sample A1		47			47	47	100
(0) Not specified	CVP >>>	47	100	Positive			
Sample B1		47			47	47	100
(0) Not specified	CVP >>>	47	100	Negative			
(233) Rheumat. factor IgG		49			49	45	92
Sample A1		49			49	45	92
(0) Not specified		4	8,2	Negative			
	CVP >>>	45	92	Positive			
Sample B1		49			49	49	100
(0) Not specified	CVP >>>	49	100	Negative			
(235) Rheumat. factor IgM		47			47	47	100
Sample A1		47			47	47	100
(0) Not specified	CVP >>>	47	100	Positive			
Sample B1		47			47	47	100
(0) Not specified	CVP >>>	47	100	Negative			