

## EQA round: RF1/25 - Diagnostics of Rheumatoid Arthritis and ASLO

Deadline: 14.3.2025

Setup: groups - M (measurement principle)

AV = assigned value	N <sub>tot</sub> = total number of the results	N <sub>eva</sub> = number of the results assessed
CVP = consensus of all participants	N <sub>rel</sub> = relative number of the results	N <sub>suc</sub> = number of successful results
>>> ... expected result		S <sub>rel</sub> = relative success
> ... acceptable result		
± ... result not assessed		

Test Sample Group	Frequency of the results					Success		
	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]	
<b>(277) anti-CCP IgG</b>		84			84	84	100	
<b>Sample A1</b>		84			84	84	100	
(2) EIA (ELISA)	CVP >>>	31	37	Negative				
(3) FIA (FEIA, TRACE)	CVP >>>	7	8,3	Negative				
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	46	55	Negative				
<b>Sample B1</b>		84			84	84	100	
(2) EIA (ELISA)	CVP >>>	31	37	Positive				
(3) FIA (FEIA, TRACE)	CVP >>>	7	8,3	Positive				
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	46	55	Positive				
<b>(282) anti-MCV IgG</b>		27			27	27	100	
<b>Sample A1</b>		27			27	27	100	
(2) EIA (ELISA)	CVP >>>	27	100	Negative				
<b>Sample B1</b>		27			27	27	100	
(2) EIA (ELISA)	CVP >>>	27	100	Positive				
<b>(231) Rheumat. fac. (scr)</b>		178			178	178	100	
<b>Sample A1</b>		178			178	178	100	
(0) Not specified	CVP >>>	1	0,6	Negative				
(2) EIA (ELISA)	CVP >>>	2	1,1	Negative				
(3) FIA (FEIA, TRACE)	CVP >>>	1	0,6	Negative				
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	2	1,1	Negative				
(6) IMT, IMN	CVP >>>	171	96	Negative				
(7) Semi-quant. aglut. m.	CVP >>>	1	0,6	Negative				
<b>Sample B1</b>		178			178	178	100	
(0) Not specified	CVP >>>	1	0,6	Positive				
(2) EIA (ELISA)	CVP >>>	2	1,1	Positive				
(3) FIA (FEIA, TRACE)	CVP >>>	1	0,6	Positive				
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	2	1,1	Positive				
(6) IMT, IMN	CVP >>>	171	96	Positive				
(7) Semi-quant. aglut. m.	CVP >>>	1	0,6	Positive				
<b>(234) Rheumat. factor IgA</b>		46			46	46	100	
<b>Sample A1</b>		46			46	46	100	
(0) Not specified	CVP >>>	4	8,7	Negative				
(2) EIA (ELISA)	CVP >>>	36	78	Negative				
(3) FIA (FEIA, TRACE)	CVP >>>	4	8,7	Negative				
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	1	2,2	Negative				
(6) IMT, IMN	CVP >>>	1	2,2	Negative				
<b>Sample B1</b>		46			46	46	100	
(0) Not specified	CVP >>>	4	8,7	Positive				
(2) EIA (ELISA)	CVP >>>	36	78	Positive				
(3) FIA (FEIA, TRACE)	CVP >>>	4	8,7	Positive				
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	1	2,2	Positive				
(6) IMT, IMN	CVP >>>	1	2,2	Positive				
<b>(233) Rheumat. factor IgG</b>		45			45	45	100	
<b>Sample A1</b>		45			45	45	100	
(0) Not specified	CVP >>>	4	8,9	Negative				
(2) EIA (ELISA)	CVP >>>	36	80	Negative				
(3) FIA (FEIA, TRACE)	CVP >>>	3	6,7	Negative				
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	1	2,2	Negative				
(6) IMT, IMN	CVP >>>	1	2,2	Negative				
<b>Sample B1</b>		45			45	45	100	
(0) Not specified	CVP >>>	4	8,9	Positive				
(2) EIA (ELISA)	CVP >>>	36	80	Positive				
(3) FIA (FEIA, TRACE)	CVP >>>	3	6,7	Positive				
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	1	2,2	Positive				
(6) IMT, IMN	CVP >>>	1	2,2	Positive				
<b>(235) Rheumat. factor IgM</b>		46			46	46	100	
<b>Sample A1</b>		46			46	46	100	
(0) Not specified	CVP >>>	4	8,7	Negative				
(2) EIA (ELISA)	CVP >>>	36	78	Negative				
(3) FIA (FEIA, TRACE)	CVP >>>	4	8,7	Negative				
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	1	2,2	Negative				
(6) IMT, IMN	CVP >>>	1	2,2	Negative				
<b>Sample B1</b>		46			46	46	100	
(0) Not specified	CVP >>>	4	8,7	Positive				

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	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
(2) EIA (ELISA)	CVP >>>	36	78	Positive			
(3) FIA (FEIA, TRACE)	CVP >>>	4	8,7	Positive			
(4) LIA (CLIA, CMIA, ECLIA, LOCI)	CVP >>>	1	2,2	Positive			
(6) IMT, IMN	CVP >>>	1	2,2	Positive			