

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

Deadline: 14.3.2025

Setup: groups - R (manufacturer of kit)

AV = assigned value	N _{tot} = total number of the results	N _{eva} = number of the results assessed
CVP = consensus of all participants	N _{rel} = relative number of the results	N _{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		84			84	84	100
Sample A1		84			84	84	100
(1) Abbott	CVP >>>	21	25	Negative			
(29) Siemens (Immulite)	CVP >>>	4	4,8	Negative			
(38) Werfen (IL)	CVP >>>	1	1,2	Negative			
(60) Roche	CVP >>>	9	11	Negative			
(66) DRG	CVP >>>	1	1,2	Negative			
(73) Snibe	CVP >>>	1	1,2	Negative			
(87) Euroimmun	CVP >>>	8	9,5	Negative			
(135) OrgenTec	CVP >>>	3	3,6	Negative			
(140) TestLine	CVP >>>	9	11	Negative			
(147) AIDA	CVP >>>	1	1,2	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	2	2,4	Negative			
(162) Siemens (Atellica)	CVP >>>	3	3,6	Negative			
(166) Thermo Fisher	CVP >>>	8	9,5	Negative			
(179) Siemens	CVP >>>	1	1,2	Negative			
(183) Immunodiagnostic Systems	CVP >>>	1	1,2	Negative			
(211) INOVA Diagnostics	CVP >>>	6	7,1	Negative			
(999) another manufacturer	CVP >>>	5	6	Negative			
Sample B1		84			84	84	100
(1) Abbott	CVP >>>	21	25	Positive			
(29) Siemens (Immulite)	CVP >>>	4	4,8	Positive			
(38) Werfen (IL)	CVP >>>	1	1,2	Positive			
(60) Roche	CVP >>>	9	11	Positive			
(66) DRG	CVP >>>	1	1,2	Positive			
(73) Snibe	CVP >>>	1	1,2	Positive			
(87) Euroimmun	CVP >>>	8	9,5	Positive			
(135) OrgenTec	CVP >>>	3	3,6	Positive			
(140) TestLine	CVP >>>	9	11	Positive			
(147) AIDA	CVP >>>	1	1,2	Positive			
(148) Aesku.lab Diagnostika	CVP >>>	2	2,4	Positive			
(162) Siemens (Atellica)	CVP >>>	3	3,6	Positive			
(166) Thermo Fisher	CVP >>>	8	9,5	Positive			
(179) Siemens	CVP >>>	1	1,2	Positive			
(183) Immunodiagnostic Systems	CVP >>>	1	1,2	Positive			
(211) INOVA Diagnostics	CVP >>>	6	7,1	Positive			
(999) another manufacturer	CVP >>>	5	6	Positive			
(282) anti-MCV IgG		27			27	27	100
Sample A1		27			27	27	100
(34) Sebia	CVP >>>	3	11	Negative			
(135) OrgenTec	CVP >>>	24	89	Negative			
Sample B1		27			27	27	100
(34) Sebia	CVP >>>	3	11	Positive			
(135) OrgenTec	CVP >>>	24	89	Positive			
(231) Rheumat. fac. (scr)		178			178	178	100
Sample A1		178			178	178	100
(1) Abbott	CVP >>>	38	21	Negative			
(12) Beckman Coulter	CVP >>>	6	3,4	Negative			
(58) Beckman Coulter (AU)	CVP >>>	24	13	Negative			
(60) Roche	CVP >>>	54	30	Negative			
(70) Wako	CVP >>>	1	0,6	Negative			
(75) Randox	CVP >>>	1	0,6	Negative			
(91) Binding Site	CVP >>>	3	1,7	Negative			
(115) BioSystems	CVP >>>	2	1,1	Negative			
(116) Sentinel Diagnostics	CVP >>>	1	0,6	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	2	1,1	Negative			
(149) Siemens (Dade, BN, Dimension)	CVP >>>	7	3,9	Negative			
(152) Kamiya Biomedical Company	CVP >>>	1	0,6	Negative			
(162) Siemens (Atellica)	CVP >>>	22	12	Negative			
(177) Mindray	CVP >>>	5	2,8	Negative			
(178) DiaSys	CVP >>>	3	1,7	Negative			
(179) Siemens	CVP >>>	7	3,9	Negative			
(999) another manufacturer	CVP >>>	1	0,6	Negative			

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Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
Sample B1		178			178	178	100
(1) Abbott	CVP >>>	38	21	Positive			
(12) Beckman Coulter	CVP >>>	6	3,4	Positive			
(58) Beckman Coulter (AU)	CVP >>>	24	13	Positive			
(60) Roche	CVP >>>	54	30	Positive			
(70) Wako	CVP >>>	1	0,6	Positive			
(75) Randox	CVP >>>	1	0,6	Positive			
(91) Binding Site	CVP >>>	3	1,7	Positive			
(115) BioSystems	CVP >>>	2	1,1	Positive			
(116) Sentinel Diagnostics	CVP >>>	1	0,6	Positive			
(148) Aesku.lab Diagnostika	CVP >>>	2	1,1	Positive			
(149) Siemens (Dade, BN, Dimension)	CVP >>>	7	3,9	Positive			
(152) Kamiya Biomedical Company	CVP >>>	1	0,6	Positive			
(162) Siemens (Atellica)	CVP >>>	22	12	Positive			
(177) Mindray	CVP >>>	5	2,8	Positive			
(178) DiaSys	CVP >>>	3	1,7	Positive			
(179) Siemens	CVP >>>	7	3,9	Positive			
(999) another manufacturer	CVP >>>	1	0,6	Positive			
(234) Rheumat. factor IgA		46			46	46	100
Sample A1		46			46	46	100
(135) OrgenTec	CVP >>>	11	24	Negative			
(140) TestLine	CVP >>>	21	46	Negative			
(147) AIDA	CVP >>>	2	4,3	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	4	8,7	Negative			
(166) Thermo Fisher	CVP >>>	6	13	Negative			
(179) Siemens	CVP >>>	1	2,2	Negative			
(211) INOVA Diagnostics	CVP >>>	1	2,2	Negative			
Sample B1		46			46	46	100
(135) OrgenTec	CVP >>>	11	24	Positive			
(140) TestLine	CVP >>>	21	46	Positive			
(147) AIDA	CVP >>>	2	4,3	Positive			
(148) Aesku.lab Diagnostika	CVP >>>	4	8,7	Positive			
(166) Thermo Fisher	CVP >>>	6	13	Positive			
(179) Siemens	CVP >>>	1	2,2	Positive			
(211) INOVA Diagnostics	CVP >>>	1	2,2	Positive			
(233) Rheumat. factor IgG		45			45	45	100
Sample A1		45			45	45	100
(58) Beckman Coulter (AU)	CVP >>>	1	2,2	Negative			
(135) OrgenTec	CVP >>>	11	24	Negative			
(140) TestLine	CVP >>>	21	47	Negative			
(147) AIDA	CVP >>>	2	4,4	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	4	8,9	Negative			
(166) Thermo Fisher	CVP >>>	5	11	Negative			
(211) INOVA Diagnostics	CVP >>>	1	2,2	Negative			
Sample B1		45			45	45	100
(58) Beckman Coulter (AU)	CVP >>>	1	2,2	Positive			
(135) OrgenTec	CVP >>>	11	24	Positive			
(140) TestLine	CVP >>>	21	47	Positive			
(147) AIDA	CVP >>>	2	4,4	Positive			
(148) Aesku.lab Diagnostika	CVP >>>	4	8,9	Positive			
(166) Thermo Fisher	CVP >>>	5	11	Positive			
(211) INOVA Diagnostics	CVP >>>	1	2,2	Positive			
(235) Rheumat. factor IgM		46			46	46	100
Sample A1		46			46	46	100
(91) Binding Site	CVP >>>	1	2,2	Negative			
(135) OrgenTec	CVP >>>	11	24	Negative			
(140) TestLine	CVP >>>	21	46	Negative			
(147) AIDA	CVP >>>	2	4,3	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	4	8,7	Negative			
(166) Thermo Fisher	CVP >>>	6	13	Negative			
(211) INOVA Diagnostics	CVP >>>	1	2,2	Negative			
Sample B1		46			46	46	100
(91) Binding Site	CVP >>>	1	2,2	Positive			
(135) OrgenTec	CVP >>>	11	24	Positive			
(140) TestLine	CVP >>>	21	46	Positive			
(147) AIDA	CVP >>>	2	4,3	Positive			
(148) Aesku.lab Diagnostika	CVP >>>	4	8,7	Positive			
(166) Thermo Fisher	CVP >>>	6	13	Positive			
(211) INOVA Diagnostics	CVP >>>	1	2,2	Positive			