

## Summary statistics - qualitative results

(Groups: manufacturer of kit)

## EQA round: RF2/21 - Diagnostics of Rheumatoid Arthritis and ASLO

Deadline: 01.10.2021

Key:	>>> ... marks correct (expected) result	N ... number of the results
	> ... marks conditionally correct (acceptable) result	Nrel ... relative number of the results
	± ... marks the result not evaluated	

## Test

Sample	Group	N	Result	N <sub>rel</sub>
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## Set 1

## (231) Rheumat. fac. (scr)

A1	(1) Abbott	>>>	34	Positive	21 %
	(12) Beckman Coulter	>>>	9	Positive	5,5 %
	(40) Ortho Clinical Diagnostics	>>>	1	Positive	0,61 %
	(58) Beckman Coulter (AU)	>>>	25	Positive	15 %
	(60) Roche		2	Negative	1,2 %
		>>>	39	Positive	24 %
	(70) Wako	>>>	1	Positive	0,61 %
	(91) Binding Site	>>>	1	Positive	0,61 %
	(115) BioSystems	>>>	3	Positive	1,8 %
	(116) Sentinel Diagnostics	>>>	3	Positive	1,8 %
	(148) Aesku.lab Diagnostika	>>>	2	Positive	1,2 %
	(149) Siemens (Dade, BN, Dimension)	>>>	11	Positive	6,7 %
	(162) Siemens (Atellica)	>>>	10	Positive	6,1 %
	(177) Mindray	>>>	6	Positive	3,7 %
	(178) DiaSys	>>>	2	Positive	1,2 %
	(179) Siemens	>>>	13	Positive	8,0 %
	(999) another manufacturer	>>>	1	Positive	0,61 %
Total per sample: n = 163		Success: 99 %			

B1	(1) Abbott	>>>	34	Negative	21 %
	(12) Beckman Coulter	>>>	9	Negative	5,5 %
	(40) Ortho Clinical Diagnostics	>>>	1	Negative	0,61 %
	(58) Beckman Coulter (AU)	>>>	25	Negative	15 %
	(60) Roche	>>>	39	Negative	24 %
			2	Positive	1,2 %
	(70) Wako	>>>	1	Negative	0,61 %
	(91) Binding Site	>>>	1	Negative	0,61 %
	(115) BioSystems	>>>	3	Negative	1,8 %
	(116) Sentinel Diagnostics	>>>	3	Negative	1,8 %
	(148) Aesku.lab Diagnostika	>>>	2	Negative	1,2 %
	(149) Siemens (Dade, BN, Dimension)	>>>	10	Negative	6,1 %
			1	Positive	0,61 %
	(162) Siemens (Atellica)	>>>	10	Negative	6,1 %
	(177) Mindray	>>>	6	Negative	3,7 %
	(178) DiaSys	>>>	2	Negative	1,2 %
	(179) Siemens	>>>	13	Negative	8,0 %
	(999) another manufacturer	>>>	1	Negative	0,61 %
Total per sample: n = 163		Success: 98 %			

Total success: 98 %

## (233) Rheumat. factor IgG

A1	(1) Abbott	>>>	1	Positive	2,1 %
	(5) Dialab	>>>	1	Positive	2,1 %
	(135) OrgenTec	>>>	12	Positive	26 %
	(140) Test-Line	>>>	20	Positive	43 %
	(147) AIDA	>>>	3	Positive	6,4 %
	(148) Aesku.lab Diagnostika	>>>	5	Positive	11 %
	(166) Thermo Fisher	>>>	4	Positive	8,5 %
	(211) INOVA Diagnostics	>>>	1	Positive	2,1 %
Total per sample: n = 47		Success: 100 %			

B1	(1) Abbott	>>>	1	Negative	2,1 %
	(5) Dialab	>>>	1	Negative	2,1 %
	(135) OrgenTec	>>>	12	Negative	26 %
	(140) Test-Line	>>>	20	Negative	43 %
	(147) AIDA	>>>	3	Negative	6,4 %
	(148) Aesku.lab Diagnostika	>>>	5	Negative	11 %
	(166) Thermo Fisher	>>>	4	Negative	8,5 %
	(211) INOVA Diagnostics	>>>	1	Negative	2,1 %
Total per sample: n = 47		Success: 100 %			

Total success: 100 %

## (234) Rheumat. factor IgA

A1	(5) Dialab	>>>	1	Positive	2,2 %
	(135) OrgenTec	>>>	12	Positive	26 %
	(140) Test-Line	>>>	20	Positive	43 %

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Test	Sample	Group	N	Result	N <sub>rel</sub>
A1	(147)	AIDA	>>>	3 Positive	6,5 %
	(148)	Aesku.lab Diagnostika	>>>	5 Positive	11 %
	(166)	Thermo Fisher	>>>	4 Positive	8,7 %
	(211)	INOVA Diagnostics	>>>	1 Positive	2,2 %
	Total per sample: n = 46		Success: 100 %		
B1	(5)	Dialab	>>>	1 Negative	2,2 %
	(135)	OrgenTec	>>>	12 Negative	26 %
	(140)	Test-Line	>>>	20 Negative	43 %
	(147)	AIDA	>>>	3 Negative	6,5 %
	(148)	Aesku.lab Diagnostika	>>>	5 Negative	11 %
	(166)	Thermo Fisher	>>>	4 Negative	8,7 %
	(211)	INOVA Diagnostics	>>>	1 Negative	2,2 %
Total per sample: n = 46		Success: 100 %			
Total success: 100 %					

**(235) Rheumat. factor IgM**

A1	(5)	Dialab	>>>	1 Positive	2,2 %
	(135)	OrgenTec	>>>	12 Positive	26 %
	(140)	Test-Line	>>>	20 Positive	43 %
	(147)	AIDA	>>>	3 Positive	6,5 %
	(148)	Aesku.lab Diagnostika	>>>	5 Positive	11 %
	(166)	Thermo Fisher	>>>	4 Positive	8,7 %
	(211)	INOVA Diagnostics	>>>	1 Positive	2,2 %
Total per sample: n = 46		Success: 100 %			
B1	(5)	Dialab	>>>	1 Negative	2,2 %
	(135)	OrgenTec	>>>	12 Negative	26 %
	(140)	Test-Line	>>>	20 Negative	43 %
	(147)	AIDA	>>>	3 Negative	6,5 %
	(148)	Aesku.lab Diagnostika	>>>	5 Negative	11 %
	(166)	Thermo Fisher	>>>	4 Negative	8,7 %
	(211)	INOVA Diagnostics	>>>	1 Negative	2,2 %
Total per sample: n = 46		Success: 100 %			
Total success: 100 %					

**(277) anti-CCP IgG**

A1	(1)	Abbott	>>>	19 Positive	23 %
	(14)	Bio-Rad	>>>	1 Positive	1,2 %
	(29)	Siemens (Immulin)	>>>	6 Positive	7,3 %
	(60)	Roche	>>>	9 Positive	11 %
	(66)	DRG	>>>	1 Positive	1,2 %
	(87)	Euroimmun	>>>	6 Positive	7,3 %
	(135)	OrgenTec	>>>	5 Positive	6,1 %
	(140)	Test-Line	>>>	11 Positive	13 %
	(147)	AIDA	>>>	1 Positive	1,2 %
	(148)	Aesku.lab Diagnostika	>>>	3 Positive	3,7 %
	(162)	Siemens (Atellica)	>>>	3 Positive	3,7 %
	(166)	Thermo Fisher	>>>	6 Positive	7,3 %
	(179)	Siemens	>>>	4 Positive	4,9 %
	(211)	INOVA Diagnostics	>>>	4 Positive	4,9 %
	(999)	another manufacturer	>>>	3 Positive	3,7 %
Total per sample: n = 82		Success: 100 %			
B1	(1)	Abbott	>>>	19 Negative	23 %
	(14)	Bio-Rad	>>>	1 Negative	1,2 %
	(29)	Siemens (Immulin)	>>>	6 Negative	7,3 %
	(60)	Roche	>>>	9 Negative	11 %
	(66)	DRG	>>>	1 Negative	1,2 %
	(87)	Euroimmun	>>>	6 Negative	7,3 %
	(135)	OrgenTec	>>>	5 Negative	6,1 %
	(140)	Test-Line	>>>	11 Negative	13 %
	(147)	AIDA	>>>	1 Negative	1,2 %
	(148)	Aesku.lab Diagnostika	>>>	3 Negative	3,7 %
	(162)	Siemens (Atellica)	>>>	3 Negative	3,7 %
	(166)	Thermo Fisher	>>>	6 Negative	7,3 %
	(179)	Siemens	>>>	4 Negative	4,9 %
	(211)	INOVA Diagnostics	>>>	4 Negative	4,9 %
	(999)	another manufacturer	>>>	3 Negative	3,7 %
Total per sample: n = 82		Success: 100 %			
Total success: 100 %					

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Deadline: 01.10.2021

Test			N	Result	N <sub>rel</sub>
Sample	Group				
<b>(282) anti-MCV</b>					
A1	(135) OrgenTec	>>>	19	Positive	95 %
	(166) Thermo Fisher	>>>	1	Positive	5,0 %
Total per sample: n = 20		Success: 100 %			
B1	(135) OrgenTec	>>>	19	Negative	95 %
	(166) Thermo Fisher	>>>	1	Negative	5,0 %
Total per sample: n = 20		Success: 100 %			
Total success: 100 %					

st\_kl End of report

Printed: 06.10.2021