

Key: &gt;&gt;&gt; ... marks correct (expected) result

&gt; ... marks conditionally correct (acceptable) result

± ... marks the result not evaluated

N ... number of the results

Nrel ... relative number of the results

## Test

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

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

Sample	Group	N	Result	N <sub>rel</sub>
A1	(1) Abbott	1	Negative	0,66 %
		>>> 10	Positive	6,6 %
	(5) Dialab	1	Positive	0,66 %
	(12) Beckman Coulter	11	Positive	7,2 %
	(40) Ortho Clinical Diagnostics	1	Positive	0,66 %
	(46) Erba Lachema	1	Positive	0,66 %
	(49) BioVendor	1	Positive	0,66 %
	(58) Beckman Coulter (Olympus)	37	Positive	24 %
	(60) Roche	40	Positive	26 %
	(70) Wako	3	Positive	2,0 %
	(98) Fujirebio	3	Positive	2,0 %
	(115) BioSystems	4	Positive	2,6 %
	(116) Sentinel Diagnostics	3	Positive	2,0 %
	(148) Aesku.lab Diagnostika	1	Positive	0,66 %
	(149) Siemens (Dade)	11	Positive	7,2 %
	(166) Thermo	1	Positive	0,66 %
	(177) MINDRAY	4	Positive	2,6 %
	(178) DiaSys	2	Positive	1,3 %
	(179) Siemens (Bayer)	1	Negative	0,66 %
			>>> 15	Positive
	(999) another manufacturer	1	Positive	0,66 %
----- Total per sample: n = 152 -----		Success: 99 %		
B1	(1) Abbott	10	Negative	6,6 %
		1	Positive	0,66 %
	(5) Dialab	1	Negative	0,66 %
	(12) Beckman Coulter	10	Negative	6,6 %
		1	Positive	0,66 %
	(40) Ortho Clinical Diagnostics	1	Negative	0,66 %
	(46) Erba Lachema	1	Negative	0,66 %
	(49) BioVendor	1	Negative	0,66 %
	(58) Beckman Coulter (Olympus)	37	Negative	24 %
	(60) Roche	39	Negative	26 %
		1	Positive	0,66 %
	(70) Wako	3	Negative	2,0 %
	(98) Fujirebio	3	Negative	2,0 %
	(115) BioSystems	4	Negative	2,6 %
	(116) Sentinel Diagnostics	3	Negative	2,0 %
	(148) Aesku.lab Diagnostika	1	Negative	0,66 %
	(149) Siemens (Dade)	11	Negative	7,2 %
	(166) Thermo	1	Negative	0,66 %
	(177) MINDRAY	4	Negative	2,6 %
	(178) DiaSys	2	Negative	1,3 %
(179) Siemens (Bayer)	15	Negative	9,9 %	
	1	Positive	0,66 %	
	(999) another manufacturer	1	Negative	0,66 %
----- Total per sample: n = 152 -----		Success: 97 %		
Total success: 97 %				

## (233) Rheumat. factor IgG

A1	(5) Dialab	1	Positive	2,4 %
	(135) OrgenTec	13	Positive	31 %
	(139) BL Diagnostics	1	Positive	2,4 %
	(140) Test-Line	16	Positive	38 %
	(147) AIDA	3	Positive	7,1 %
	(148) Aesku.lab Diagnostika	5	Positive	12 %
	(166) Thermo	2	Positive	4,8 %
	(211) INOVA Diagnostics	1	Positive	2,4 %
	----- Total per sample: n = 42 -----		Success: 100 %	
B1	(5) Dialab	1	Negative	2,4 %
	(135) OrgenTec	12	Negative	29 %
		1	Positive	2,4 %
	(139) BL Diagnostics	1	Negative	2,4 %
	(140) Test-Line	16	Negative	38 %
	(147) AIDA	3	Negative	7,1 %

Test					
Sample	Group		N	Result	N <sub>rel</sub>
B1	(148) Aesku.lab Diagnostika	>>>	5	Negative	12 %
	(166) Thermo	>>>	2	Negative	4,8 %
	(211) INOVA Diagnostics	>>>	1	Negative	2,4 %
	Total per sample: n = 42		Success: 98 %		
Total success: 98 %					
<b>(234) Rheumat. factor IgA</b>					
A1	(5) Dialab	>>>	1	Positive	2,4 %
	(135) OrgenTec		1	Negative	2,4 %
		>>>	12	Positive	29 %
	(139) BL Diagnostics	>>>	1	Positive	2,4 %
	(140) Test-Line	>>>	16	Positive	38 %
	(147) AIDA	>>>	3	Positive	7,1 %
	(148) Aesku.lab Diagnostika	>>>	5	Positive	12 %
	(166) Thermo	>>>	2	Positive	4,8 %
	(211) INOVA Diagnostics	>>>	1	Positive	2,4 %
	Total per sample: n = 42		Success: 98 %		
B1	(5) Dialab	>>>	1	Negative	2,4 %
	(135) OrgenTec	>>>	12	Negative	29 %
			1	Positive	2,4 %
	(139) BL Diagnostics	>>>	1	Negative	2,4 %
	(140) Test-Line	>>>	16	Negative	38 %
	(147) AIDA	>>>	3	Negative	7,1 %
	(148) Aesku.lab Diagnostika	>>>	5	Negative	12 %
	(166) Thermo	>>>	2	Negative	4,8 %
	(211) INOVA Diagnostics	>>>	1	Negative	2,4 %
	Total per sample: n = 42		Success: 98 %		
Total success: 98 %					
<b>(235) Rheumat. factor IgM</b>					
A1	(5) Dialab	>>>	1	Positive	2,4 %
	(135) OrgenTec	>>>	13	Positive	31 %
	(139) BL Diagnostics	>>>	1	Positive	2,4 %
	(140) Test-Line	>>>	16	Positive	38 %
	(147) AIDA	>>>	3	Positive	7,1 %
	(148) Aesku.lab Diagnostika	>>>	5	Positive	12 %
	(166) Thermo	>>>	2	Positive	4,8 %
	(211) INOVA Diagnostics	>>>	1	Positive	2,4 %
Total per sample: n = 42		Success: 100 %			
B1	(5) Dialab	>>>	1	Negative	2,4 %
	(135) OrgenTec	>>>	12	Negative	29 %
			1	Positive	2,4 %
	(139) BL Diagnostics	>>>	1	Negative	2,4 %
	(140) Test-Line	>>>	16	Negative	38 %
	(147) AIDA	>>>	3	Negative	7,1 %
	(148) Aesku.lab Diagnostika	>>>	5	Negative	12 %
	(166) Thermo	>>>	2	Negative	4,8 %
	(211) INOVA Diagnostics	>>>	1	Negative	2,4 %
Total per sample: n = 42		Success: 98 %			
Total success: 98 %					
<b>(277) anti-CCP IgG</b>					
A1	(1) Abbott	>>>	19	Positive	28 %
	(14) Bio-Rad	>>>	1	Positive	1,4 %
	(29) Siemens (DPC)	>>>	7	Positive	10 %
	(60) Roche	>>>	6	Positive	8,7 %
	(87) Euroimmun	>>>	6	Positive	8,7 %
	(135) OrgenTec	>>>	6	Positive	8,7 %
	(140) Test-Line	>>>	11	Positive	16 %
	(147) AIDA	>>>	3	Positive	4,3 %
	(148) Aesku.lab Diagnostika	>>>	2	Positive	2,9 %
	(166) Thermo	>>>	2	Positive	2,9 %
	(179) Siemens (Bayer)	>>>	1	Positive	1,4 %
	(211) INOVA Diagnostics	>>>	2	Positive	2,9 %
	(999) another manufacturer	>>>	3	Positive	4,3 %
	Total per sample: n = 69		Success: 100 %		
B1	(1) Abbott	>>>	19	Negative	28 %
	(14) Bio-Rad	>>>	1	Negative	1,4 %
	(29) Siemens (DPC)	>>>	7	Negative	10 %
	(60) Roche	>>>	5	Negative	7,2 %
			1	Positive	1,4 %

## Summary statistics - qualitative results

(Groups: manufacturer of kit)

## EQA round: RF2/18 - Diagnostics of Rheumatoid Arthritis and ASLO

Dead line: 21.09.2018

## Test

Sample	Group	N	Result	N <sub>rel</sub>
B1	(87) Euroimmun	>>>	6 Negative	8,7 %
	(135) OrgenTec	>>>	6 Negative	8,7 %
	(140) Test-Line	>>>	11 Negative	16 %
	(147) AIDA	>>>	3 Negative	4,3 %
	(148) Aesku.lab Diagnostika	>>>	2 Negative	2,9 %
	(166) Thermo	>>>	2 Negative	2,9 %
	(179) Siemens (Bayer)	>>>	1 Negative	1,4 %
	(211) INOVA Diagnostics	>>>	2 Negative	2,9 %
	(999) another manufacturer	>>>	3 Negative	4,3 %
Total per sample: n = 69		Success: 99 %		
Total success: 99 %				

## (282) anti-MCV

A1	(135) OrgenTec	>>>	12 Positive	92 %
	(166) Thermo	>>>	1 Positive	7,7 %
Total per sample: n = 13		Success: 100 %		
B1	(135) OrgenTec	>>>	12 Negative	92 %
	(166) Thermo	>>>	1 Negative	7,7 %
Total per sample: n = 13		Success: 100 %		
Total success: 100 %				

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End of report

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