

EQA round: AIM2/21 - Autoimmunity

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 _{rel}
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Set 1

(560) ANA screening (cell nucleus) - prove

A1	All results	>>>	78	Positive	100 %
Total per sample: n = 78		Success: 100 %			
B1	All results	>>>	77	Negative	99 %
			1	Positive	1,3 %
Total per sample: n = 78		Success: 99 %			
Total success: 99 %					

(572) ANA screening (cell nucleus) - semi-quantity

A1	All results	±	2	titre 40	3,0 %
		±	2	titre 320	3,0 %
		±	12	titre 640	18 %
		±	30	titre 1280	45 %
		±	21	titre 2560	31 %
Total per sample: n = 67		Success (only evaluated results): evaluation			
B1	All results	±	1	Not specified	1,5 %
		±	47	titre 0 (not measurable)	70 %
		±	16	titre 40	24 %
		±	3	titre 80	4,5 %
Total per sample: n = 67		Success (only evaluated results): evaluation			

(561) ANA - type of fluorescence - nucleus

A1	All results	>>>	65	Coarse or fine speckled	93 %
			3	Coarse or fine speckled; Nuclear matrix	4,3 %
			2	Nuclear matrix	2,9 %
Total per sample: n = 70		Success: 93 %			
B1	All results	>>>	69	No fluorescence	99 %
			1	Coarse or fine speckled	1,4 %
Total per sample: n = 70		Success: 99 %			
Total success: 91 %					

(563) ANA screening (cytoplasm) - prove

A1	All results	>>>	60	Negative	87 %
		>	1	Inconclusive result (borderline)	1,4 %
		>	8	Positive	12 %
Total per sample: n = 69		Success: 100 %			
B1	All results	>>>	69	Negative	100 %
Total per sample: n = 69		Success: 100 %			
Total success: 100 %					

(573) ANA screening (cytoplasm) - semi-quantity

A1	All results	±	36	titre 0 (not measurable)	59 %
		±	16	titre 40	26 %
		±	4	titre 80	6,6 %
		±	3	titre 160	4,9 %
		±	1	titre 320	1,6 %
		±	1	titre 640	1,6 %
Total per sample: n = 61		Success (only evaluated results): evaluation			
B1	All results	±	43	titre 0 (not measurable)	70 %
		±	15	titre 40	25 %
		±	3	titre 80	4,9 %
Total per sample: n = 61		Success (only evaluated results): evaluation			

(564) ANA - type of fluorescence - cytoplasm

A1	All results	>>>	59	No fluorescence	87 %
		>	5	Fine speckled cytoplasmic pattern	7,4 %
		>	4	Diffusion cytoplasmic picture	5,9 %
Total per sample: n = 68		Success: 100 %			
B1	All results	>>>	68	No fluorescence	100 %
Total per sample: n = 68		Success: 100 %			
Total success: 100 %					

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Test		N	Result	N _{rel}
Sample	Group			
Set 2				
(565) ANCA imunofluorescence - prove				
A2	All results	>>> 65	Positive	100 %
Total per sample: n = 65		Success: 100 %		
B2	All results	1	Negative	1,5 %
		1	Inconclusive result (borderline)	1,5 %
		>>> 63	Positive	97 %
Total per sample: n = 65		Success: 97 %		
Total success: 97 %				
(574) ANCA IF (ethanol) - semi-quantity				
A2	All results	± 5	titre 20	9,4 %
		± 3	titre 40	5,7 %
		± 12	titre 80	23 %
		± 12	titre 160	23 %
		± 9	titre 320	17 %
		± 9	titre 640	17 %
		± 1	titre 1280	1,9 %
		± 2	titre 2560	3,8 %
Total per sample: n = 53		Success (only evaluated results):	evaluation	
B2	All results	± 5	titre 20	9,4 %
		± 2	titre 40	3,8 %
		± 7	titre 80	13 %
		± 17	titre 160	32 %
		± 14	titre 320	26 %
		± 6	titre 640	11 %
		± 2	titre 1280	3,8 %
Total per sample: n = 53		Success (only evaluated results):	evaluation	
(578) ANCA IF (formalin) - semi-quantity				
A2	All results	± 4	titre 20	8,0 %
		± 6	titre 40	12 %
		± 7	titre 80	14 %
		± 17	titre 160	34 %
		± 9	titre 320	18 %
		± 4	titre 640	8,0 %
		± 1	titre 1280	2,0 %
		± 2	titre 2560	4,0 %
Total per sample: n = 50		Success (only evaluated results):	evaluation	
B2	All results	± 3	titre 20	6,0 %
		± 4	titre 80	8,0 %
		± 16	titre 160	32 %
		± 19	titre 320	38 %
		± 7	titre 640	14 %
		± 1	titre 1280	2,0 %
Total per sample: n = 50		Success (only evaluated results):	evaluation	
(566) ANCA - type of fluorescence				
A2	All results	>>> 50	Perinuclear fluorescence	81 %
		>>> 11	Perinuclear fluorescence; ANA	18 %
		1	ANA	1,6 %
Total per sample: n = 62		Success: 98 %		
B2	All results	1	No fluorescence	1,6 %
		2	Perinuclear fluorescence	3,2 %
		>>> 59	Cytoplasmic granular fluorescence	95 %
Total per sample: n = 62		Success: 95 %		
Total success: 94 %				
(569) anti-myeloperoxidase				
A2	All results	1	Negative	1,4 %
		>>> 71	Positive	99 %
Total per sample: n = 72		Success: 99 %		
B2	All results	>>> 71	Negative	99 %
		1	Positive	1,4 %
Total per sample: n = 72		Success: 99 %		
Total success: 99 %				
(570) anti-proteinase III				
A2	All results	>>> 71	Negative	99 %
		1	Positive	1,4 %
Total per sample: n = 72		Success: 99 %		
B2	All results	3	Negative	4,2 %
		>>> 69	Positive	96 %
Total per sample: n = 72		Success: 96 %		

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Test		N	Result	N _{rel}
Sample	Group			
Total success: 96 %				
Set 3				
(580) Anti-ENA/SS-A/Ro-60				
A3	All results	>>> 77	Positive	100 %
Total per sample: n = 77		Success: 100 %		
B3	All results	>>> 72	Negative	94 %
		1	Not specified	1,3 %
		4	Positive	5,2 %
Total per sample: n = 77		Success: 94 %		
Total success: 94 %				
(581) Anti-ENA/SS-B/La				
A3	All results	>>> 77	Positive	100 %
Total per sample: n = 77		Success: 100 %		
B3	All results	>>> 75	Negative	97 %
		1	Not specified	1,3 %
		1	Positive	1,3 %
Total per sample: n = 77		Success: 97 %		
Total success: 97 %				
(582) Anti-ENA/Scl-70				
A3	All results	>>> 77	Negative	100 %
Total per sample: n = 77		Success: 100 %		
B3	All results	>>> 76	Negative	99 %
		1	Not specified	1,3 %
Total per sample: n = 77		Success: 99 %		
Total success: 99 %				
(583) Anti-ENA/RNP				
A3	All results	>>> 77	Negative	100 %
Total per sample: n = 77		Success: 100 %		
B3	All results	>>> 76	Negative	99 %
		1	Not specified	1,3 %
Total per sample: n = 77		Success: 99 %		
Total success: 99 %				
(584) Anti-ENA/Jo-1				
A3	All results	>>> 77	Negative	100 %
Total per sample: n = 77		Success: 100 %		
B3	All results	>>> 76	Negative	99 %
		1	Not specified	1,3 %
Total per sample: n = 77		Success: 99 %		
Total success: 99 %				
(585) Anti-centromere antibodies				
A3	All results	>>> 71	Negative	100 %
Total per sample: n = 71		Success: 100 %		
B3	All results	>>> 70	Negative	99 %
		1	Not specified	1,4 %
Total per sample: n = 71		Success: 99 %		
Total success: 99 %				
Set 4				
(588) Anti-ds-DNA immunofluores. - prove				
A4	All results	>>> 57	Positive	100 %
Total per sample: n = 57		Success: 100 %		
B4	All results	>>> 56	Negative	98 %
		1	Not specified	1,8 %
Total per sample: n = 57		Success: 98 %		
Total success: 98 %				
(577) Anti-ds-DNA immunofluor. - semi-quantity				
A4	All results	± 2	titre 10	3,8 %
		± 1	titre 40	1,9 %
		± 15	titre 80	28 %
		± 16	titre 160	30 %
		± 10	titre 320	19 %
		± 8	titre 640	15 %
		± 1	titre 1280	1,9 %
Total per sample: n = 53		Success (only evaluated results): evaluation		
B4	All results	± 1	Not specified	1,9 %
		± 38	titre 0 (not measurable)	72 %
		± 14	titre 10	26 %
Total per sample: n = 53		Success (only evaluated results): evaluation		

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Test		N	Result	N _{rel}
Sample	Group			
(589) Anti-ds-DNA other methods				
A4	All results	>>> 56	Positive	100 %
----- Total per sample: n = 56		----- Success: 100 %		
B4	All results	>>> 56	Negative	100 %
----- Total per sample: n = 56		----- Success: 100 %		
Total success: 100 %				

Set 5

(591) Anti-nucleosomes IgG				
A5	All results	1	Negative	1,8 %
----- Total per sample: n = 55		>>> 54	Positive	98 %
		----- Success: 98 %		
B5	All results	>>> 55	Negative	100 %
----- Total per sample: n = 55		----- Success: 100 %		
Total success: 98 %				

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End of report

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