

EQA round: AIM1/22 - 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	>>>	82 Positive	100 %
Total per sample: n = 82		Success: 100 %		
B1	All results	>>>	81 Negative	99 %
			1 Inconclusive result (borderline)	1,2 %
Total per sample: n = 82		Success: 99 %		
Total success: 99 %				

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

A1	All results	±	1 titre 40	1,4 %
		±	2 titre 80	2,8 %
		±	2 titre 160	2,8 %
		±	3 titre 320	4,2 %
		±	13 titre 640	18 %
		±	26 titre 1280	37 %
		±	24 titre 2560	34 %
Total per sample: n = 71		Success (only evaluated results): evaluation		
B1	All results	±	1 Not specified	1,4 %
		±	50 titre 0 (not measurable)	70 %
		±	12 titre 40	17 %
		±	8 titre 80	11 %
Total per sample: n = 71		Success (only evaluated results): evaluation		

(561) ANA - type of fluorescence - nucleus

A1	All results	>>>	71 Centromere pattern	96 %
			2 Centromere pattern; No fluorescence	2,7 %
			1 Centromere pattern; Midbody pattern (MSA-2)	1,4 %
Total per sample: n = 74		Success: 96 %		
B1	All results	>>>	2 Not specified	2,7 %
			72 No fluorescence	97 %
Total per sample: n = 74		Success: 97 %		
Total success: 93 %				

(563) ANA screening (cytoplasm) - prove

A1	All results	>>>	71 Negative	97 %
			2 Positive	2,7 %
Total per sample: n = 73		Success: 97 %		
B1	All results	>>>	72 Negative	99 %
			1 Inconclusive result (borderline)	1,4 %
Total per sample: n = 73		Success: 99 %		
Total success: 96 %				

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

A1	All results	±	47 titre 0 (not measurable)	70 %
		±	11 titre 40	16 %
		±	9 titre 80	13 %
Total per sample: n = 67		Success (only evaluated results): evaluation		
B1	All results	±	47 titre 0 (not measurable)	70 %
		±	12 titre 40	18 %
		±	8 titre 80	12 %
Total per sample: n = 67		Success (only evaluated results): evaluation		

(564) ANA - type of fluorescence - cytoplasm

A1	All results	>>>	68 No fluorescence	97 %
			1 Fine speckled cytoplasmic pattern	1,4 %
			1 Unknown type of fluorescence	1,4 %
Total per sample: n = 70		Success: 97 %		
B1	All results	>>>	69 No fluorescence	99 %
			1 Diffusion cytoplasmic picture	1,4 %
Total per sample: n = 70		Success: 99 %		
Total success: 96 %				

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Test		N	Result	N _{rel}
Sample	Group			
Set 2				
(565) ANCA imunofluorescence - prove				
A2	All results	>>> 64	Positive	100 %
Total per sample: n = 64		Success: 100 %		
B2	All results	>>> 64	Negative	100 %
Total per sample: n = 64		Success: 100 %		
Total success: 100 %				
(574) ANCA IF (ethanol) - semi-quantity				
A2	All results	± 4	titre 20	7,5 %
		± 7	titre 80	13 %
		± 17	titre 160	32 %
		± 14	titre 320	26 %
		± 10	titre 640	19 %
		± 1	titre 1280	1,9 %
Total per sample: n = 53		Success (only evaluated results): evaluation		
B2	All results	± 41	titre 0 (not measurable)	77 %
		± 12	titre 20	23 %
Total per sample: n = 53		Success (only evaluated results): evaluation		
(578) ANCA IF (formalin) - semi-quantity				
A2	All results	± 1	Not specified	2,0 %
		± 3	titre 20	5,9 %
		± 3	titre 80	5,9 %
		± 11	titre 160	22 %
		± 23	titre 320	45 %
		± 8	titre 640	16 %
		± 2	titre 1280	3,9 %
Total per sample: n = 51		Success (only evaluated results): evaluation		
B2	All results	± 40	titre 0 (not measurable)	78 %
		± 11	titre 20	22 %
Total per sample: n = 51		Success (only evaluated results): evaluation		
(566) ANCA - type of fluorescence				
A2	All results	>>> 62	Cytoplasmic granular fluorescence	100 %
Total per sample: n = 62		Success: 100 %		
B2	All results	>>> 62	No fluorescence	100 %
Total per sample: n = 62		Success: 100 %		
Total success: 100 %				
(569) anti-myeloperoxidase				
A2	All results	>>> 73	Negative	100 %
Total per sample: n = 73		Success: 100 %		
B2	All results	>>> 73	Negative	100 %
Total per sample: n = 73		Success: 100 %		
Total success: 100 %				
(570) anti-proteinase III				
A2	All results	1	Negative	1,4 %
		1	Inconclusive result (borderline)	1,4 %
		>>> 71	Positive	97 %
Total per sample: n = 73		Success: 97 %		
B2	All results	>>> 73	Negative	100 %
Total per sample: n = 73		Success: 100 %		
Total success: 97 %				
Set 3				
(580) Anti-ENA/SS-A/Ro-60				
A3	All results	1	Negative	1,3 %
		>>> 79	Positive	99 %
Total per sample: n = 80		Success: 99 %		
B3	All results	>>> 79	Negative	99 %
		1	Positive	1,3 %
Total per sample: n = 80		Success: 99 %		
Total success: 99 %				
(581) Anti-ENA/SS-B/La				
A3	All results	>>> 80	Positive	100 %
Total per sample: n = 80		Success: 100 %		
B3	All results	>>> 79	Negative	99 %
		1	Positive	1,3 %
Total per sample: n = 80		Success: 99 %		
Total success: 99 %				

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Test	Sample	Group	N	Result	N _{rel}
(582) Anti-ENA/Sci-70					
A3	All results	>>>	79	Negative	100 %
Total per sample: n = 79		Success: 100 %			
B3	All results	>>>	78	Negative	99 %
			1	Positive	1,3 %
Total per sample: n = 79		Success: 99 %			
Total success: 99 %					
(583) Anti-ENA/RNP					
A3	All results	>>>	80	Negative	100 %
Total per sample: n = 80		Success: 100 %			
B3	All results	>>>	80	Negative	100 %
Total per sample: n = 80		Success: 100 %			
Total success: 100 %					
(584) Anti-ENA/Jo-1					
A3	All results	>>>	80	Negative	100 %
Total per sample: n = 80		Success: 100 %			
B3	All results	>>>	80	Negative	100 %
Total per sample: n = 80		Success: 100 %			
Total success: 100 %					
(585) Anti-centromere antibodies					
A3	All results	>>>	76	Negative	100 %
Total per sample: n = 76		Success: 100 %			
B3	All results	>>>	1	Not specified	1,3 %
			75	Negative	99 %
Total per sample: n = 76		Success: 99 %			
Total success: 99 %					
Set 4					
(588) Anti-ds-DNA immunofluores. - prove					
A4	All results	>>>	1	Negative	1,8 %
			56	Positive	98 %
Total per sample: n = 57		Success: 98 %			
B4	All results	>>>	57	Negative	100 %
Total per sample: n = 57		Success: 100 %			
Total success: 98 %					
(577) Anti-ds-DNA immunofluor. - semi-quantity					
A4	All results	±	1	titre 0 (not measurable)	1,9 %
			3	titre 10	5,8 %
			1	titre 20	1,9 %
			2	titre 40	3,8 %
			17	titre 80	33 %
			13	titre 160	25 %
			9	titre 320	17 %
			6	titre 640	12 %
Total per sample: n = 52		Success (only evaluated results): evaluation			
B4	All results	±	40	titre 0 (not measurable)	77 %
			12	titre 10	23 %
Total per sample: n = 52		Success (only evaluated results): evaluation			
(589) Anti-ds-DNA other methods					
A4	All results	>>>	2	Negative	3,6 %
			54	Positive	96 %
Total per sample: n = 56		Success: 96 %			
B4	All results	>>>	55	Negative	98 %
			1	Inconclusive result (borderline)	1,8 %
Total per sample: n = 56		Success: 98 %			
Total success: 95 %					
Set 5					
(591) Anti-nucleosomes IgG					
A5	All results	>>>	1	Inconclusive result (borderline)	1,8 %
			54	Positive	98 %
Total per sample: n = 55		Success: 98 %			
B5	All results	>>>	55	Negative	100 %
Total per sample: n = 55		Success: 100 %			
Total success: 98 %					