

EQA round: AIM1/18 - Autoimmunity

Key: >>> ... marks correct (expected) result
> ... 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 _{rel}
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Set of samples 1**(560) ANA screening (cell nucleus) - prove**

A1	All results	1	Negative	1,3 %
		1	Inconclusive result (borderline)	1,3 %
		>>>	75 Positive	97 %
Total per sample: n = 77		Success: 97 %		
B1	All results	>>>	77 Negative	100 %
Total per sample: n = 77		Success: 100 %		
Total success: 97 %				

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

A1	All results	±	1 titre 80	1,5 %
		±	4 titre 160	6,2 %
		±	12 titre 320	18 %
		±	32 titre 640	49 %
		±	14 titre 1280	22 %
		±	2 titre 2560	3,1 %
Total per sample: n = 65		Success (only evaluated results): evaluation		
B1	All results	±	1 Not specified	1,5 %
		±	44 titre 0 (not measurable)	68 %
		±	14 titre 40	22 %
		±	6 titre 80	9,2 %
Total per sample: n = 65		Success (only evaluated results): evaluation		

(561) ANA - type of fluorescence - nucleus

A1	All results	6	Homogenous	8,8 %
		1	Homogenous; No fluorescence	1,5 %
		1	Coarse speckled; Fine speckled	1,5 %
		1	Coarse speckled; Midbody pattern (MSA-2)	1,5 %
		>	16 Fine speckled	24 %
		1	Nuclear matrix	1,5 %
		>>>	18 DFS 70	26 %
		>>>	23 DFS 70; Fine speckled	34 %
		1	Unknown type of fluorescence	1,5 %
Total per sample: n = 68		Success: 84 %		
B1	All results	>>>	68 No fluorescence	100 %
Total per sample: n = 68		Success: 100 %		
Total success: 84 %				

(563) ANA screening (cytoplasm) - prove

A1	All results	>>>	57 Negative	86 %
		3	Inconclusive result (borderline)	4,5 %
		6	Positive	9,1 %
Total per sample: n = 66		Success: 86 %		
B1	All results	>>>	64 Negative	97 %
		1	Inconclusive result (borderline)	1,5 %
		1	Positive	1,5 %
Total per sample: n = 66		Success: 97 %		
Total success: 83 %				

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

A1	All results	±	40 titre 0 (not measurable)	66 %
		±	10 titre 40	16 %
		±	8 titre 80	13 %
		±	2 titre 160	3,3 %
		±	1 titre 320	1,6 %
Total per sample: n = 61		Success (only evaluated results): evaluation		
B1	All results	±	41 titre 0 (not measurable)	67 %
		±	14 titre 40	23 %
		±	6 titre 80	9,8 %
Total per sample: n = 61		Success (only evaluated results): evaluation		

(564) ANA - type of fluorescence - cytoplasm

A1	All results	>>>	56 No fluorescence	86 %
		2	Granular cytoplasmic pattern (mitochondria)	3,1 %
		6	Fine speckled cytoplasmic pattern	9,2 %
		1	Diffusion cytoplasmic picture	1,5 %
Total per sample: n = 65		Success: 86 %		
B1	All results	>>>	63 No fluorescence	97 %
		1	Diffusion cytoplasmic picture	1,5 %
		1	Cytoskeletal patterns	1,5 %

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Test		N	Result	N _{rel}
Sample	Group			
Total per sample: n = 65		Success: 97 %		
Total success: 83 %				
Set of samples 2				
(565) ANCA imunofluorescence - prove				
A2	All results	>>> 58	Positive	100 %
Total per sample: n = 58		Success: 100 %		
B2	All results	>>> 58	Negative	100 %
Total per sample: n = 58		Success: 100 %		
Total success: 100 %				
(574) ANCA IF (ethanol) - semi-quantity				
A2	All results	± 2	titre 20	4,1 %
		± 1	titre 40	2,0 %
		± 7	titre 80	14 %
		± 19	titre 160	39 %
		± 13	titre 320	27 %
		± 6	titre 640	12 %
		± 1	titre 1280	2,0 %
Total per sample: n = 49		Success (only evaluated results):	evaluation	
B2	All results	± 34	titre 0 (not measurable)	69 %
		± 15	titre 20	31 %
Total per sample: n = 49		Success (only evaluated results):	evaluation	
(578) ANCA IF (formalin) - semi-quantity				
A2	All results	± 2	titre 20	4,7 %
		± 1	titre 40	2,3 %
		± 3	titre 80	7,0 %
		± 10	titre 160	23 %
		± 16	titre 320	37 %
		± 10	titre 640	23 %
		± 1	titre 1280	2,3 %
Total per sample: n = 43		Success (only evaluated results):	evaluation	
B2	All results	± 28	titre 0 (not measurable)	65 %
		± 15	titre 20	35 %
Total per sample: n = 43		Success (only evaluated results):	evaluation	
(566) ANCA - type of fluorescence				
A2	All results	>>> 56	Cytoplasmic granular fluorescence	100 %
Total per sample: n = 56		Success: 100 %		
B2	All results	1	Not specified	1,8 %
		>>> 55	No fluorescence	98 %
Total per sample: n = 56		Success: 98 %		
Total success: 98 %				
(569) anti-myeloperoxidase				
A2	All results	>>> 66	Negative	100 %
Total per sample: n = 66		Success: 100 %		
B2	All results	>>> 66	Negative	100 %
Total per sample: n = 66		Success: 100 %		
Total success: 100 %				
(570) anti-proteinase III				
A2	All results	>>> 66	Positive	100 %
Total per sample: n = 66		Success: 100 %		
B2	All results	>>> 66	Negative	100 %
Total per sample: n = 66		Success: 100 %		
Total success: 100 %				
Set of samples 3				
(580) Anti-ENA/SS-A/Ro-60				
A3	All results	>>> 71	Negative	100 %
Total per sample: n = 71		Success: 100 %		
B3	All results	>>> 71	Positive	100 %
Total per sample: n = 71		Success: 100 %		
Total success: 100 %				
(581) Anti-ENA/SS-B/La				
A3	All results	>>> 71	Negative	100 %
Total per sample: n = 71		Success: 100 %		
B3	All results	>>> 71	Positive	100 %
Total per sample: n = 71		Success: 100 %		
Total success: 100 %				
(582) Anti-ENA/Sci-70				
A3	All results	>>> 71	Negative	100 %

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Test		N	Result	N _{rel}
Sample	Group			
Total per sample: n = 71		Success: 100 %		
B3	All results	>>> 71	Negative	100 %
Total per sample: n = 71		Success: 100 %		
Total success: 100 %				
(583) Anti-ENA/RNP				
A3	All results	>>> 71	Negative	100 %
Total per sample: n = 71		Success: 100 %		
B3	All results	>>> 71	Negative	100 %
Total per sample: n = 71		Success: 100 %		
Total success: 100 %				
(584) Anti-ENA/Jo-1				
A3	All results	>>> 70	Negative	99 %
		1	Inconclusive result (borderline)	1,4 %
Total per sample: n = 71		Success: 99 %		
B3	All results	>>> 71	Negative	100 %
Total per sample: n = 71		Success: 100 %		
Total success: 99 %				
(585) Anti-centromere antibodies				
A3	All results	>>> 61	Negative	100 %
Total per sample: n = 61		Success: 100 %		
B3	All results	>>> 61	Negative	100 %
Total per sample: n = 61		Success: 100 %		
Total success: 100 %				
Set of samples 4				
(588) Anti-ds-DNA immunofluores.				
A4	All results	>>> 51	Negative	100 %
Total per sample: n = 51		Success: 100 %		
B4	All results	>>> 51	Positive	100 %
Total per sample: n = 51		Success: 100 %		
Total success: 100 %				
(577) Anti-ds-DNA immunofluor. - semi-quantity				
A4	All results	± 34	titre 0 (not measurable)	69 %
		± 15	titre 10	31 %
Total per sample: n = 49		Success (only evaluated results): evaluation		
B4	All results	± 1	titre 10	2,0 %
		± 1	titre 40	2,0 %
		± 5	titre 80	10 %
		± 18	titre 160	37 %
		± 12	titre 320	24 %
		± 10	titre 640	20 %
		± 2	titre 1280	4,1 %
Total per sample: n = 49		Success (only evaluated results): evaluation		
(589) Anti-ds-DNA other methods				
A4	All results	>>> 49	Negative	100 %
Total per sample: n = 49		Success: 100 %		
B4	All results	>>> 49	Positive	100 %
Total per sample: n = 49		Success: 100 %		
Total success: 100 %				
Set of samples 5				
(591) Anti-nucleosomes IgG				
A5	All results	>>> 48	Negative	100 %
Total per sample: n = 48		Success: 100 %		
B5	All results	>>> 48	Positive	100 %
Total per sample: n = 48		Success: 100 %		
Total success: 100 %				