

EQA round: AIM2/22 - 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 1

(560) ANA screening (cell nucleus) - prove

A1	All results	>>>	80	Positive	100 %
Total per sample: n = 80		Success:	100 %		
B1	All results	>>>	79	Negative	99 %
			1	Positive	1,3 %
Total per sample: n = 80		Success:	99 %		
Total success: 99 %					

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

A1	All results	±	1	titre 80	1,5 %
		±	1	titre 160	1,5 %
		±	2	titre 320	3,0 %
		±	7	titre 640	10 %
		±	24	titre 1280	36 %
		±	32	titre 2560	48 %
Total per sample: n = 67		Success (only evaluated results):	not assessed		
B1	All results	±	1	Not specified	1,5 %
		±	48	titre 0 (not measurable)	72 %
		±	10	titre 40	15 %
		±	8	titre 80	12 %
Total per sample: n = 67		Success (only evaluated results):	not assessed		

(561) ANA - type of fluorescence - nucleus

A1	All results	>>>	54	Homogenous	75 %
			2	Homogenous; No fluorescence	2,8 %
		>>>	7	Homogenous; Coarse or fine speckled	9,7 %
		>>>	3	Homogenous; DFS 70 like	4,2 %
		>>>	4	Coarse or fine speckled	5,6 %
		>>>	2	Coarse or fine speckled; DFS 70 like	2,8 %
Total per sample: n = 72		Success:	97 %		
B1	All results	>>>	70	No fluorescence	97 %
			2	Coarse or fine speckled	2,8 %
Total per sample: n = 72		Success:	97 %		
Total success: 94 %					

(563) ANA screening (cytoplasm) - prove

A1	All results	>>>	71	Negative	100 %
Total per sample: n = 71		Success:	100 %		
B1	All results	>>>	71	Negative	100 %
Total per sample: n = 71		Success:	100 %		
Total success: 100 %					

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

A1	All results	±	49	titre 0 (not measurable)	77 %
		±	9	titre 40	14 %
		±	6	titre 80	9,4 %
Total per sample: n = 64		Success (only evaluated results):	not assessed		
B1	All results	±	49	titre 0 (not measurable)	77 %
		±	9	titre 40	14 %
		±	6	titre 80	9,4 %
Total per sample: n = 64		Success (only evaluated results):	not assessed		

(564) ANA - type of fluorescence - cytoplasm

A1	All results		1	Not specified	1,4 %
		>>>	69	No fluorescence	99 %
Total per sample: n = 70		Success:	99 %		
B1	All results	>>>	70	No fluorescence	100 %
Total per sample: n = 70		Success:	100 %		
Total success: 99 %					

Set 2

(565) ANCA imunofluorescence - prove

A2	All results	>>>	67	Positive	100 %
Total per sample: n = 67		Success:	100 %		
B2	All results	>>>	67	Negative	100 %
Total per sample: n = 67		Success:	100 %		
Total success: 100 %					

(574) ANCA IF (ethanol) - semi-quantity

A2	All results	±	2	titre 20	3,7 %
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Test		N	Result	N _{rel}
Sample	Group			
A2	All results	± 7	titre 40	13 %
		± 12	titre 80	22 %
		± 13	titre 160	24 %
		± 9	titre 320	17 %
		± 10	titre 640	19 %
		± 1	titre 1280	1,9 %
Total per sample: n = 54		Success (only evaluated results): not assessed		
B2	All results	± 42	titre 0 (not measurable)	78 %
		± 11	titre 20	20 %
		± 1	titre 40	1,9 %
Total per sample: n = 54		Success (only evaluated results): not assessed		
(578) ANCA IF (formalin) - semi-quantity				
A2	All results	± 1	titre 20	1,9 %
		± 7	titre 40	13 %
		± 12	titre 80	23 %
		± 14	titre 160	27 %
		± 15	titre 320	29 %
		± 2	titre 640	3,8 %
± 1	titre 1280	1,9 %		
Total per sample: n = 52		Success (only evaluated results): not assessed		
B2	All results	± 41	titre 0 (not measurable)	79 %
		± 10	titre 20	19 %
		± 1	titre 40	1,9 %
Total per sample: n = 52		Success (only evaluated results): not assessed		
(566) ANCA - type of fluorescence				
A2	All results	>>> 52	Perinuclear fluorescence	80 %
		1	Perinuclear fluorescence; No fluorescence	1,5 %
		>>> 12	Perinuclear fluorescence; ANA	18 %
Total per sample: n = 65		Success: 98 %		
B2	All results	>>> 65	No fluorescence	100 %
		Total per sample: n = 65		Success: 100 %
Total success: 98 %				
(569) anti-myeloperoxidase				
A2	All results	>>> 76	Positive	100 %
		Total per sample: n = 76		Success: 100 %
B2	All results	>>> 76	Negative	100 %
		Total per sample: n = 76		Success: 100 %
Total success: 100 %				
(570) anti-proteinase III				
A2	All results	>>> 76	Negative	100 %
		Total per sample: n = 76		Success: 100 %
B2	All results	>>> 76	Negative	100 %
		Total per sample: n = 76		Success: 100 %
Total success: 100 %				
Set 3				
(580) anti-ENA, antigen SS-A/Ro-60				
A3	All results	>>> 79	Positive	100 %
		Total per sample: n = 79		Success: 100 %
B3	All results	>>> 76	Negative	96 %
		2	Inconclusive result (borderline)	2,5 %
		1	Positive	1,3 %
Total per sample: n = 79		Success: 96 %		
Total success: 96 %				
(581) anti-ENA, antigen SS-B/La				
A3	All results	>>> 78	Negative	99 %
		1	Inconclusive result (borderline)	1,3 %
Total per sample: n = 79		Success: 99 %		
B3	All results	>>> 79	Negative	100 %
		Total per sample: n = 79		Success: 100 %
Total success: 99 %				
(582) anti-ENA, antigen Scl-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 %				

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Test

Sample	Group	N	Result	N _{rel}
(583) anti-ENA, antigen RNP				
A3	All results	>>> 79	Negative	100 %
Total per sample: n = 79		Success: 100 %		
B3	All results	>>> 79	Negative	100 %
Total per sample: n = 79		Success: 100 %		
Total success: 100 %				

(584) anti-ENA, antigen Jo-1

A3	All results	>>> 79	Negative	100 %
Total per sample: n = 79		Success: 100 %		
B3	All results	>>> 79	Negative	100 %
Total per sample: n = 79		Success: 100 %		
Total success: 100 %				

(585) anti-centromere

A3	All results	>>> 73	Negative	99 %
Total per sample: n = 74		Success: 99 %	1 Positive	1,4 %
B3	All results	>>> 65	Negative	88 %
Total per sample: n = 74		Success: 88 %	6 Inconclusive result (borderline)	8,1 %
			3 Positive	4,1 %
Total success: 86 %				

Set 4**(588) anti-dsDNA immunofluor. - prove**

A4	All results	9	Negative	15 %
		> 2	Inconclusive result (borderline)	3,3 %
Total per sample: n = 60		>>> 49	Positive	82 %
		Success: 85 %		
B4	All results	>>> 60	Negative	100 %
Total per sample: n = 60		Success: 100 %		
Total success: 85 %				

(577) anti-dsDNA immunofluor. - semi-quantity

A4	All results	± 5	titre 0 (not measurable)	9,8 %
		± 4	titre 10	7,8 %
		± 3	titre 20	5,9 %
		± 9	titre 40	18 %
		± 14	titre 80	27 %
		± 9	titre 160	18 %
		± 7	titre 320	14 %
Total per sample: n = 51		Success (only evaluated results): not assessed		
B4	All results	± 40	titre 0 (not measurable)	78 %
		± 10	titre 10	20 %
		± 1	titre 40	2,0 %
Total per sample: n = 51		Success (only evaluated results): not assessed		

(589) anti-dsDNA other methods

A4	All results	4	Negative	6,7 %
		> 1	Inconclusive result (borderline)	1,7 %
Total per sample: n = 60		>>> 55	Positive	92 %
		Success: 93 %		
B4	All results	>>> 60	Negative	100 %
Total per sample: n = 60		Success: 100 %		
Total success: 93 %				

Set 5**(591) anti-nukleosomes IgG**

A5	All results	>>> 57	Positive	100 %
Total per sample: n = 57		Success: 100 %		
B5	All results	>>> 57	Negative	100 %
Total per sample: n = 57		Success: 100 %		
Total success: 100 %				