

EQA round: AIM11/25 - Autoimmunity 1

Deadline: 14.3.2025

Setup: Slovakia

AV = assigned value	N _{tot} = total number of the results	N _{eva} = number of the results assessed
CVP = consensus of all participants	N _{rel} = relative number of the results	N _{suc} = number of successful results
>>> ... expected result		S _{rel} = relative success
> ... acceptable result		
± ... result not assessed		

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
Set 1							
(560) ANA screening (antibodies against cell nucleus) - prove		19			19	19	100
Sample A1		19			19	19	100
All results	CVP >>>	19	100	Positive			
Sample B1		19			19	19	100
All results	CVP >>>	19	100	Negative			
(572) ANA screening (antibodies against cell nucleus) - semi-quantity		12			0		
Sample A1		12			0		
All results		± 2	17	titre 40			
		± 1	8,3	titre 80			
		± 2	17	titre 320			
		± 5	42	titre 1280			
		± 2	17	titre 2560			
Sample B1		12			0		
All results		± 5	42	titre 0 (not measurable)			
		± 3	25	titre 40			
		± 3	25	titre 80			
		± 1	8,3	titre 2560			
(561) ANA - type of fluorescence - nucleus		15			15	13	87
Sample A1		15			15	15	100
All results	CVP >>>	15	100	Fine or coarse speckled or nuclear matrix (AC-4/AC-5)			
Sample B1		15			15	13	87
All results	CVP >>>	2	13	Not specified			
		13	87	No fluorescence (AC-0)			
(563) ANA screening (antibodies against cytoplasm) - prove		15			15	15	100
Sample A1		15			15	15	100
All results	CVP >>>	15	100	Negative			
Sample B1		15			15	15	100
All results	CVP >>>	15	100	Negative			
(573) ANA screening (antibodies against cytoplasm) - semi-quantity		12			0		
Sample A1		12			0		
All results		± 5	42	titre 0 (not measurable)			
		± 3	25	titre 40			
		± 3	25	titre 80			
		± 1	8,3	titre 2560			
Sample B1		12			0		
All results		± 5	42	titre 0 (not measurable)			
		± 3	25	titre 40			
		± 3	25	titre 80			
		± 1	8,3	titre 2560			
(564) ANA - type of fluorescence - cytoplasm		13			13	13	100
Sample A1		13			13	13	100
All results	CVP >>>	13	100	No fluorescence (AC-0)			
Sample B1		13			13	13	100
All results	CVP >>>	13	100	No fluorescence (AC-0)			
Set 2							
(585) anti-centromere		16			16	16	100
Sample A2		16			16	16	100
All results	CVP >>>	16	100	Negative			
Sample B2		16			16	16	100
All results	CVP >>>	16	100	Negative			
(584) anti-ENA, antigen Jo-1		17			17	17	100
Sample A2		17			17	17	100
All results	CVP >>>	17	100	Negative			
Sample B2		17			17	17	100
All results	CVP >>>	17	100	Negative			
(583) anti-ENA, antigen RNP		17			17	15	88
Sample A2		17			17	15	88
All results		2	12	Negative			

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			N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
	CVP >>>	15	88	Positive			
Sample B2		17			17	17	100
All results	CVP >>>	17	100	Negative			
(582) anti-ENA, antigen Scl-70		17			17	17	100
Sample A2		17			17	17	100
All results	CVP >>>	17	100	Negative			
Sample B2		17			17	17	100
All results	CVP >>>	17	100	Negative			
(580) anti-ENA, antigen SS-A/Ro-60		17			17	17	100
Sample A2		17			17	17	100
All results	CVP >>>	17	100	Positive			
Sample B2		17			17	17	100
All results	CVP >>>	17	100	Negative			
(581) anti-ENA, antigen SS-B/La		17			17	17	100
Sample A2		17			17	17	100
All results	CVP >>>	17	100	Positive			
Sample B2		17			17	17	100
All results	CVP >>>	17	100	Negative			
Set 3							
(588) anti-dsDNA immunofluorescence - prove		7			7	6	86
Sample A3		7			7	6	86
All results	CVP >>>	6	86	Negative			
		1	14	Positive			
Sample B3		7			7	6	86
All results		1	14	Negative			
	CVP >>>	6	86	Positive			
(577) anti-dsDNA immunofluorescence - semi-quantity		6			0		
Sample A3		6			0		
All results		±	3	50 titre 0 (not measurable)			
		±	2	33 titre 10			
		±	1	17 titre 2560			
Sample B3		6			0		
All results		±	1	17 titre 10			
		±	1	17 titre 80			
		±	2	33 titre 160			
		±	1	17 titre 320			
		±	1	17 titre 2560			
(589) anti-dsDNA other methods		13			13	12	92
Sample A3		13			13	13	100
All results	CVP >>>	13	100	Negative			
Sample B3		13			13	12	92
All results		1	7,7	Negative			
	CVP >>>	12	92	Positive			
Set 4							
(591) anti-nukleosomes IgG		11			11	11	100
Sample A4		11			11	11	100
All results	CVP >>>	11	100	Negative			
Sample B4		11			11	11	100
All results	CVP >>>	11	100	Positive			