

AV = assigned value

CVP = consensus of all participants

>>> ... expected result

> ... acceptable result

± ... result not assessed

N_{tot} = total number of the resultsN_{rel} = relative number of the resultsN_{eva} = number of the results assessedN_{suc} = number of successful resultsS_{rel} = relative success

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		17			17	17	100
Sample A1		17			17	17	100
All results	CVP >>>	17	100	Positive			
Sample B1		17			17	17	100
All results	CVP >>>	17	100	Negative			
(572) ANA screening (antibodies against cell nucleus) - semi-quantity		9			0		
Sample A1		9			0		
All results		± 2	22	titre 40			
		± 1	11	titre 640			
		± 5	56	titre 1280			
		± 1	11	titre 2560			
Sample B1		9			0		
All results		± 3	33	titre 0 (not measurable)			
		± 5	56	titre 40			
		± 1	11	titre 80			
(561) ANA - type of fluorescence - nucleus		13			13	12	92
Sample A1		13			13	13	100
All results	CVP >>>	12	92	Coarse or fine speckled			
	>	1	7,7	Coarse or fine speckled; Nuclear matrix			
Sample B1		13			13	12	92
All results		1	7,7	Not specified			
	CVP >>>	12	92	No fluorescence			
(563) ANA screening (antibodies against cytoplasm) - prove		13			13	12	92
Sample A1		13			13	12	92
All results	CVP >>>	12	92	Negative			
		1	7,7	Inconclusive result (borderline)			
Sample B1		13			13	13	100
All results	CVP >>>	13	100	Negative			
(573) ANA screening (antibodies against cytoplasm) - semi-quantity		9			0		
Sample A1		9			0		
All results		± 3	33	titre 0 (not measurable)			
		± 5	56	titre 40			
		± 1	11	titre 80			
Sample B1		9			0		
All results		± 3	33	titre 0 (not measurable)			
		± 5	56	titre 40			
		± 1	11	titre 80			
(564) ANA - type of fluorescence - cytoplasm		12			12	11	92
Sample A1		12			12	11	92
All results	CVP >>>	11	92	No fluorescence			
		1	8,3	Fine speckled cytoplasmic pattern			
Sample B1		12			12	12	100
All results	CVP >>>	12	100	No fluorescence			
Set 2							
(565) ANCA imunofluorescence - prove		9			9	9	100
Sample A2		9			9	9	100
All results	CVP >>>	9	100	Negative			
Sample B2		9			9	9	100
All results	CVP >>>	9	100	Positive			
(574) ANCA IF (ethanol) - semi-quantity		4			0		
Sample A2		4			0		
All results		± 1	25	titre 0 (not measurable)			
		± 2	50	titre 20			
		± 1	25	titre 40			
Sample B2		4			0		
All results		± 1	25	titre 20			
		± 1	25	titre 40			
		± 1	25	titre 640			

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
	±	1	25	titre 1280			
(578) ANCA IF (formalin) - semi-quantity		4				0	
Sample A2		4				0	
All results	±	1	25	titre 0 (not measurable)			
	±	2	50	titre 20			
	±	1	25	titre 40			
Sample B2		4				0	
All results	±	1	25	titre 20			
	±	1	25	titre 40			
	±	1	25	titre 320			
	±	1	25	titre 640			
(566) ANCA - type of fluorescence		8			8	8	100
Sample A2		8			8	8	100
All results	CVP >>>	8	100	No fluorescence			
Sample B2		8			8	8	100
All results	CVP >>>	8	100	Perinuclear fluorescence			
(569) anti-myeloperoxidase		15			15	14	93
Sample A2		15			15	14	93
All results	CVP >>>	14	93	Negative			
		1	6,7	Positive			
Sample B2		15			15	15	100
All results	CVP >>>	15	100	Positive			
(570) anti-proteinase III		15			15	15	100
Sample A2		15			15	15	100
All results	CVP >>>	15	100	Negative			
Sample B2		15			15	15	100
All results	CVP >>>	15	100	Negative			
Set 3							
(585) anti-centromere		14			14	14	100
Sample A3		14			14	14	100
All results	CVP >>>	14	100	Negative			
Sample B3		14			14	14	100
All results	CVP >>>	14	100	Negative			
(584) anti-ENA, antigen Jo-1		15			15	15	100
Sample A3		15			15	15	100
All results	CVP >>>	15	100	Negative			
Sample B3		15			15	15	100
All results	CVP >>>	15	100	Negative			
(583) anti-ENA, antigen RNP		15			15	15	100
Sample A3		15			15	15	100
All results	CVP >>>	15	100	Negative			
Sample B3		15			15	15	100
All results	CVP >>>	15	100	Negative			
(582) anti-ENA, antigen Scl-70		16			16	15	94
Sample A3		16			16	16	100
All results	CVP >>>	16	100	Negative			
Sample B3		16			16	15	94
All results	CVP >>>	15	94	Negative			
		1	6,3	Positive			
(580) anti-ENA, antigen SS-A/Ro-60		16			16	16	100
Sample A3		16			16	16	100
All results	CVP >>>	16	100	Negative			
Sample B3		16			16	16	100
All results	CVP >>>	16	100	Positive			
(581) anti-ENA, antigen SS-B/La		16			16	16	100
Sample A3		16			16	16	100
All results	CVP >>>	16	100	Negative			
Sample B3		16			16	16	100
All results	CVP >>>	16	100	Positive			
Set 4							
(588) anti-dsDNA immunofluorescence - prove		8			8	8	100
Sample A4		8			8	8	100
All results	CVP >>>	8	100	Positive			
Sample B4		8			8	8	100
All results	CVP >>>	8	100	Negative			

EQA round: AIM2/23 - Autoimmunity

Deadline: 2.10.2023

Setup: Slovakia

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(577) anti-dsDNA immunofluorescence - semi-quantity		5				0	
Sample A4		5				0	
All results	±	1	20	titre 10			
	±	1	20	titre 640			
	±	3	60	titre 1280			
Sample B4		5				0	
All results	±	1	20	titre 0 (not measurable)			
	±	4	80	titre 10			
(589) anti-dsDNA other methods		13			13	13	100
Sample A4		13			13	13	100
All results	CVP >>>	13	100	Positive			
Sample B4		13			13	13	100
All results	CVP >>>	13	100	Negative			
Set 5							
(591) anti-nukleosomes IgG		12			12	12	100
Sample A5		12			12	12	100
All results	CVP >>>	12	100	Positive			
Sample B5		12			12	12	100
All results	CVP >>>	12	100	Negative			