

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	14	74
Sample A1		19			19	15	79
All results	CVP >>>	15	79	Negative			
		1	5,3	Inconclusive result (borderline)			
		3	16	Positive			
Sample B1		19			19	18	95
All results	CVP >>>	18	95	Negative			
		1	5,3	Inconclusive result (borderline)			
(572) ANA screening (antibodies against cell nucleus) - semi-quantity		10			0		
Sample A1		10			0		
All results	±	7	70	titre 40			
	±	1	10	titre 80			
	±	1	10	titre 640			
	±	1	10	titre 1280			
Sample B1		10			0		
All results	±	1	10	titre 0 (not measurable)			
	±	7	70	titre 40			
	±	1	10	titre 80			
	±	1	10	titre 160			
(561) ANA - type of fluorescence - nucleus		15			15	13	87
Sample A1		15			15	14	93
All results	CVP >>>	14	93	No fluorescence			
		1	6,7	Smooth membranous nuclear pattern			
Sample B1		15			15	14	93
All results	CVP >>>	14	93	No fluorescence			
		1	6,7	Coarse or fine speckled			
(563) ANA screening (antibodies against cytoplasm) - prove		15			15	13	87
Sample A1		15			15	14	93
All results		1	6,7	Negative			
	CVP >>>	14	93	Positive			
Sample B1		15			15	14	93
All results	CVP >>>	14	93	Negative			
		1	6,7	Positive			
(573) ANA screening (antibodies against cytoplasm) - semi-quantity		10			0		
Sample A1		10			0		
All results	±	1	10	titre 0 (not measurable)			
	±	1	10	titre 40			
	±	1	10	titre 80			
	±	1	10	titre 160			
	±	4	40	titre 640			
	±	1	10	titre 1280			
	±	1	10	titre 2560			
Sample B1		10			0		
All results	±	2	20	titre 0 (not measurable)			
	±	7	70	titre 40			
	±	1	10	titre 80			
(564) ANA - type of fluorescence - cytoplasm		15			15	13	87
Sample A1		15			15	14	93
All results		1	6,7	No fluorescence			
	CVP >>>	14	93	Cytoskeletal patterns			
Sample B1		15			15	14	93
All results	CVP >>>	14	93	No fluorescence			
		1	6,7	Unknown type of fluorescence			
Set 2							
(565) ANCA imunofluorescence - prove		8			8	8	100
Sample A2		8			8	8	100
All results	CVP >>>	8	100	Positive			

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
Sample B2		8					
All results	CVP >>>	8	100	Negative	8	8	100
(574) ANCA IF (ethanol) - semi-quantity		4					
Sample A2		4					0
All results		±	1	25 titre 20			
		±	1	25 titre 40			
		±	2	50 titre 160			
Sample B2		4					0
All results		±	3	75 titre 20			
		±	1	25 titre 40			
(578) ANCA IF (formalin) - semi-quantity		4					0
Sample A2		4					0
All results		±	1	25 titre 20			
		±	1	25 titre 40			
		±	1	25 titre 80			
		±	1	25 titre 160			
Sample B2		4					0
All results		±	3	75 titre 20			
		±	1	25 titre 40			
(566) ANCA - type of fluorescence		7			7	7	100
Sample A2		7			7	7	100
All results	CVP >>>	7	100	Cytoplasmic granular fluorescence			
Sample B2		7			7	7	100
All results	CVP >>>	7	100	No fluorescence			
(569) anti-myeloperoxidase		14			14	13	93
Sample A2		14			14	14	100
All results	CVP >>>	14	100	Negative			
Sample B2		14			14	13	93
All results	CVP >>>	13	93	Negative			
		1	7,1	Inconclusive result (borderline)			
(570) anti-proteinase III		14			14	14	100
Sample A2		14			14	14	100
All results	CVP >>>	14	100	Positive			
Sample B2		14			14	14	100
All results	CVP >>>	14	100	Negative			
Set 3							
(585) anti-centromere		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	Negative			
(584) anti-ENA, antigen Jo-1		17			17	17	100
Sample A3		17			17	17	100
All results	CVP >>>	17	100	Negative			
Sample B3		17			17	17	100
All results	CVP >>>	17	100	Negative			
(583) anti-ENA, antigen RNP		17			17	17	100
Sample A3		17			17	17	100
All results	CVP >>>	17	100	Negative			
Sample B3		17			17	17	100
All results	CVP >>>	17	100	Negative			
(582) anti-ENA, antigen Scl-70		18			18	18	100
Sample A3		18			18	18	100
All results	CVP >>>	18	100	Negative			
Sample B3		18			18	18	100
All results	CVP >>>	18	100	Negative			
(580) anti-ENA, antigen SS-A/Ro-60		18			18	18	100
Sample A3		18			18	18	100
All results	CVP >>>	18	100	Positive			
Sample B3		18			18	18	100
All results	CVP >>>	18	100	Negative			
(581) anti-ENA, antigen SS-B/La		18			18	17	94
Sample A3		18			18	17	94
All results		1	5,6	Inconclusive result (borderline)			
	CVP >>>	17	94	Positive			
Sample B3		18			18	18	100
All results	CVP >>>	18	100	Negative			

EQA round: AIM1/23 - Autoimmunity

Deadline: 20.3.2023

Setup: Slovakia

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
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			
(577) anti-dsDNA immunofluorescence - semi-quantity		5			0		
Sample A4		5			0		
All results		±	1	20 titre 10			
		±	3	60 titre 160			
		±	1	20 titre 320			
Sample B4		5			0		
All results		±	1	20 titre 0 (not measurable)			
		±	4	80 titre 10			
(589) anti-dsDNA other methods		11			11	10	91
Sample A4		11			11	10	91
All results		1	9,1	Negative			
	CVP >>>	10	91	Positive			
Sample B4		11			11	11	100
All results	CVP >>>	11	100	Negative			
Set 5							
(591) anti-nukleosomes IgG		10			10	10	100
Sample A5		10			10	10	100
All results	CVP >>>	10	100	Positive			
Sample B5		10			10	10	100
All results	CVP >>>	10	100	Negative			