

Setup: all data

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		78			78	77	99
Sample A1		78			78	78	100
All results	CVP >>>	78	100	Positive			
Sample B1		78			78	77	99
All results	CVP >>>	77	99	Negative			
		1	1,3	Positive			
(572) ANA screening (antibodies against cell nucleus) - semi-quantity		67			0		
Sample A1		67			0		
All results	±	2	3	titre 40			
	±	1	1,5	titre 320			
	±	8	12	titre 640			
	±	39	58	titre 1280			
	±	17	25	titre 2560			
Sample B1		67			0		
All results	±	52	78	titre 0 (not measurable)			
	±	10	15	titre 40			
	±	4	6	titre 80			
	±	1	1,5	titre 160			
(561) ANA - type of fluorescence - nucleus		71			71	69	97
Sample A1		71			71	71	100
All results	CVP >>>	69	97	Coarse or fine speckled			
	>	2	2,8	Coarse or fine speckled; Nuclear matrix			
Sample B1		71			71	69	97
All results		1	1,4	Not specified			
	CVP >>>	69	97	No fluorescence			
		1	1,4	Coarse or fine speckled			
(563) ANA screening (antibodies against cytoplasm) - prove		70			70	64	91
Sample A1		70			70	65	93
All results	CVP >>>	65	93	Negative			
		2	2,9	Inconclusive result (borderline)			
		3	4,3	Positive			
Sample B1		70			70	69	99
All results	CVP >>>	69	99	Negative			
		1	1,4	Positive			
(573) ANA screening (antibodies against cytoplasm) - semi-quantity		65			0		
Sample A1		65			0		
All results	±	47	72	titre 0 (not measurable)			
	±	10	15	titre 40			
	±	7	11	titre 80			
	±	1	1,5	titre 160			
Sample B1		65			0		
All results	±	1	1,5	Not specified			
	±	50	77	titre 0 (not measurable)			
	±	10	15	titre 40			
	±	4	6,2	titre 80			
(564) ANA - type of fluorescence - cytoplasm		69			69	63	91
Sample A1		69			69	64	93
All results	CVP >>>	64	93	No fluorescence			
		4	5,8	Fine speckled cytoplasmic pattern			
		1	1,4	Diffusion cytoplasmic picture			
Sample B1		69			69	68	99
All results	CVP >>>	68	99	No fluorescence			
		1	1,4	Diffusion cytoplasmic picture			
Set 2							
(565) ANCA imunofluorescence - prove		65			65	65	100
Sample A2		65			65	65	100
All results	CVP >>>	65	100	Negative			

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Test Sample Group	AV	N _{tot}	Frequency of the results		Success			
			N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
Sample B2		65				65	65	100
All results	CVP >>>	65	100	Positive				
(574) ANCA IF (ethanol) - semi-quantity		55				0		
Sample A2		55				0		
All results		± 45	82	titre 0 (not measurable)				
		± 9	16	titre 20				
		± 1	1,8	titre 40				
Sample B2		55				0		
All results		± 3	5,5	titre 20				
		± 1	1,8	titre 40				
		± 3	5,5	titre 80				
		± 6	11	titre 160				
		± 12	22	titre 320				
		± 19	35	titre 640				
		± 8	15	titre 1280				
		± 3	5,5	titre 2560				
(578) ANCA IF (formalin) - semi-quantity		51				0		
Sample A2		51				0		
All results		± 43	84	titre 0 (not measurable)				
		± 7	14	titre 20				
		± 1	2	titre 40				
Sample B2		51				0		
All results		± 2	3,9	titre 20				
		± 4	7,8	titre 40				
		± 4	7,8	titre 80				
		± 9	18	titre 160				
		± 14	27	titre 320				
		± 13	25	titre 640				
		± 2	3,9	titre 1280				
		± 3	5,9	titre 2560				
(566) ANCA - type of fluorescence		63				63	60	95
Sample A2		63				63	62	98
All results	CVP >>>	62	98	No fluorescence				
		1	1,6	NSA (atypical ANCA)				
Sample B2		63				63	61	97
All results	CVP >>>	61	97	Perinuclear fluorescence				
		2	3,2	Perinuclear fluorescence; ANA				
(569) anti-myeloperoxidase		73				73	72	99
Sample A2		73				73	72	99
All results	CVP >>>	72	99	Negative				
		1	1,4	Positive				
Sample B2		73				73	73	100
All results	CVP >>>	73	100	Positive				
(570) anti-proteinase III		73				73	73	100
Sample A2		73				73	73	100
All results	CVP >>>	73	100	Negative				
Sample B2		73				73	73	100
All results	CVP >>>	73	100	Negative				
Set 3								
(585) anti-centromere		75				75	74	99
Sample A3		75				75	75	100
All results	CVP >>>	75	100	Negative				
Sample B3		75				75	74	99
All results	CVP >>>	74	99	Negative				
		1	1,3	Positive				
(584) anti-ENA, antigen Jo-1		78				78	78	100
Sample A3		78				78	78	100
All results	CVP >>>	78	100	Negative				
Sample B3		78				78	78	100
All results	CVP >>>	78	100	Negative				
(583) anti-ENA, antigen RNP		78				78	78	100
Sample A3		78				78	78	100
All results	CVP >>>	78	100	Negative				
Sample B3		78				78	78	100
All results	CVP >>>	78	100	Negative				
(582) anti-ENA, antigen Scl-70		79				79	78	99
Sample A3		79				79	79	100
All results	CVP >>>	79	100	Negative				

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Test Sample Group	AV	N _{tot}	Frequency of the results		Success			
			N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
Sample B3		79				79	78	99
All results	CVP >>>	78	99	Negative				
		1	1,3	Positive				
(580) anti-ENA, antigen SS-A/Ro-60		79				79	79	100
Sample A3		79				79	79	100
All results	CVP >>>	79	100	Negative				
Sample B3		79				79	79	100
All results	CVP >>>	79	100	Positive				
(581) anti-ENA, antigen SS-B/La		79				79	79	100
Sample A3		79				79	79	100
All results	CVP >>>	79	100	Negative				
Sample B3		79				79	79	100
All results	CVP >>>	79	100	Positive				
Set 4								
(588) anti-dsDNA immunofluorescence - prove		57				57	57	100
Sample A4		57				57	57	100
All results	CVP >>>	57	100	Positive				
Sample B4		57				57	57	100
All results	CVP >>>	57	100	Negative				
(577) anti-dsDNA immunofluorescence - semi-quantity		51				0		
Sample A4		51				0		
All results		± 1	2	titre 10				
		± 1	2	titre 40				
		± 3	5,9	titre 80				
		± 1	2	titre 160				
		± 11	22	titre 320				
		± 16	31	titre 640				
		± 15	29	titre 1280				
		± 3	5,9	titre 2560				
Sample B4		51				0		
All results		± 1	2	Not specified				
		± 41	80	titre 0 (not measurable)				
		± 9	18	titre 10				
(589) anti-dsDNA other methods		63				63	62	98
Sample A4		63				63	62	98
All results		1	1,6	Negative				
	CVP >>>	62	98	Positive				
Sample B4		63				63	62	98
All results	CVP >>>	62	98	Negative				
		1	1,6	Positive				
Set 5								
(591) anti-nukleosomes IgG		54				54	54	100
Sample A5		54				54	54	100
All results	CVP >>>	54	100	Positive				
Sample B5		54				54	54	100
All results	CVP >>>	54	100	Negative				