



AMERICAN ASSOCIATION OF BIOANALYSTS PROFICIENCY TESTING

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PARTICIPANT STATISTICS

FIRST QUADRIMESTER 2022

ANTINUCLEAR ANTIBODY

Antinuclear Screen

IFA	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Bio-Rad Microplate EIA HEp-2		2	2			2	2			2
Inova HEp-2 IgG		2	2			2	2			2
Zeus HEp-2		2	2			2	2			2
Total Population	0	6	6	0	0	6	6	0	6	0
Flagging	***			***	***			***		***

ELISA or IA	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
High Sensitivity										
TheraTest EL-ANAScr		2	2			2	2			2
Wampole ANA Scrn ELISA		2	2			2	2			2
Zeus ELISA		3	3			3	3			3
Total Population	0	7	7	0	0	7	7	0	7	0
Flagging	***			***	***			***		***

Latex Agglutination	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
ASI SLE latex agglutination	14	2	16			16	16			16
Total Population	14	2	16	0	0	16	16	0	16	0
Flagging		***		***	***			***		***

Multiplex Algorithm Based	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Bio-Rad Bioplex 2200		5	5			5	5			5
Total Population	0	5	5	0	0	5	5	0	5	0
Flagging	***			***	***			***		***

Anti-DNA

Anti-dsDNA	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Diagnostic Automation		2	2			2	2			2
Immuno concepts		2	2			2	2			2
Total Population	1	11	12	0	12	0	12	0	12	0
Flagging	***			***		***		***		***

Anti-ssDNA	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Total Population	1	0	1	0	1	0	1	0	1	0
Flagging		***		***		***		***		***

Anti-RNP	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Total Population	3	1	4	0	1	3	4	0	4	0
Flagging				***				***		***

*Due to a lack of participant consensus, Specimen 1 and 3 not evaluated this event. The intended result were Neg and Pos respectively.

Anti-Sm	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Bioplex 2000, 2200	2		2		2		2		2	
Total Population	6	0	6	0	4	2	6	0	6	0
Flagging		***		***				***		***

*Due to a lack of participant consensus, Specimen 3 was not evaluated this event. The intended result was Neg.

Anti-RNP/Sm	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Bioplex 2000, 2200	1	1	2			2	2		2	
Total Population	4	2	6	0	0	6	6	0	6	0
Flagging				***	***			***		***

*Due to a lack of participant consensus, Specimen 1 was not evaluated this event. The intended result was Neg.

Anti-SSA	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Bioplex 2000, 2200		2	2			2	2		2	
Diagnostic Automation	1	1	2			2	2		2	
Total Population	1	7	8	0	0	8	8	0	8	0
Flagging	***			***	***			***		***

Anti-SSB	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Bioplex 2000, 2200	2		2			2	2		2	
Total Population	7	0	7	0	1	6	7	0	7	0
Flagging		***		***	***			***		***

Anti-SSA/SSB	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Total Population	0	1	1	0	0	1	1	0	1	0
Flagging	***			***	***			***		***

ANA Florescence Pattern No. Flagging

Specimen 1		
Homogenous/Diffuse	4	
Specimen 2		
Negative	1	
Neg, normal background florescen	3	
Specimen 3		
Speckled	4	
Specimen 4		
Negative	1	
Neg, normal background florescen	3	
Specimen 5		
Negative	1	
Neg, normal background florescen	3	

Correct responses are defined as those reflecting agreement among 80% or more of all participants or referees. Unacceptable responses are indicated by "*****" on the Flagging line of each specimen.