



# AMERICAN ASSOCIATION OF BIOANALYSTS PROFICIENCY TESTING

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## PARTICIPANT STATISTICS

SECOND EVENT 2022

### ANTINUCLEAR ANTIBODY

#### Antinuclear Screen

IFA	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Microplate EIA HEp-2		2	2		2		2		2	2
<b>Total Population</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>
<b>Flagging</b>	<b>***</b>			<b>***</b>		<b>***</b>	<b>***</b>			<b>***</b>

ELISA or IA	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
<b>High Sensitivity</b>										
GenBio ImmunoDOT EIA Panel		2	2		2		2		1	1
Wampole ANA Scrn ELISA		2	2		2		2		2	
Zeus ELISA		3	3		3		3		3	
Total Population	0	7	7	0	7	0	0	7	6	1
<b>Flagging</b>	<b>***</b>			<b>***</b>		<b>***</b>	<b>***</b>			<b>***</b>

Latex Agglutination	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
ASI SLE latex agglutination		18	18		18		18		18	
<b>Total Population</b>	<b>0</b>	<b>18</b>	<b>18</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>18</b>	<b>0</b>
<b>Flagging</b>	<b>***</b>			<b>***</b>		<b>***</b>	<b>***</b>		<b>***</b>	<b>***</b>

Multiplex Algorithm Based	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Bioplex 2200		5	5		5		5		5	
<b>Total Population</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>0</b>
<b>Flagging</b>	<b>***</b>			<b>***</b>		<b>***</b>	<b>***</b>		<b>***</b>	<b>***</b>

#### Anti-DNA

Anti-dsDNA	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Bioplex 2000, 2200	2		2		2		2		2	
Diagnostic Automation	2		2		2		2		2	
GenBio ImmunoDOT EIA Panel	2		2		2		2		2	
<b>Total Population</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>0</b>
<b>Flagging</b>		<b>***</b>		<b>***</b>		<b>***</b>		<b>***</b>		<b>***</b>

Anti-ssDNA	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
<b>Total Population</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Flagging</b>		<b>***</b>		<b>***</b>		<b>***</b>		<b>***</b>		<b>***</b>

Anti-RNP	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Bioplex 2000, 2200		2	2		2		2		2	
<b>Total Population</b>	0	4	4	0	4	0	4	0	4	0
<b>Flagging</b>	***			***		***		***		***

Anti-Sm	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Bioplex 2000, 2200		3	3		3		3		3	
<b>Total Population</b>	1	5	6	0	6	0	6	0	6	0
<b>Flagging</b>	***			***		***		***		***

Anti-RNP/Sm	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Bioplex 2000, 2200		3	3		3		3		3	
GenBio ImmunoDOT EIA Panel		2	2		2		2		2	
<b>Total Population</b>	0	8	8	0	8	0	8	0	8	0
<b>Flagging</b>	***			***		***		***		***

Anti-SSA	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Bioplex 2000, 2200	3		3		3			3	3	
<b>Total Population</b>	7	0	7	0	7	0	0	7	7	0
<b>Flagging</b>		***		***		***	***			***

Anti-SSB	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
Bio-Rad Bioplex 2000, 2200	3		3		3			3	3	
<b>Total Population</b>	6	0	6	0	6	0	0	6	6	0
<b>Flagging</b>		***		***		***	***			***

Anti-SSA/SSB	Specimen 6		Specimen 7		Specimen 8		Specimen 9		Specimen 10	
	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos
Method										
GenBio ImmunoDOT EIA Panel	2		2		2			2	1	1
<b>Total Population</b>	2	0	2	0	2	0	0	2	1	1
<b>Flagging</b>		***		***		***	***			

\*Due to a lack of participant consensus, Specimen 10 was not evaluated. The intended result was Negative.

**ANA Florescence Pattern**      No.      Flagging

<b>Specimen 6</b>		
Homogenous/Diffuse	1	
Speckled	2	
<b>Specimen 7</b>		
Negative	1	
Neg, normal background florescen	2	
<b>Specimen 8</b>		
Negative	1	
Neg, normal background florescen	2	
<b>Specimen 9</b>		
Speckled	3	
<b>Specimen 10</b>		
Negative	1	
Neg, normal background florescen	2	

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.