



**AMERICAN ASSOCIATION OF BIOANALYSTS
PROFICIENCY TESTING**

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PARTICIPANT STATISTICS

FIRST QUADRIMESTER 2022

IMMUNOHEMATOLOGY

ABO Group

Method	Specimen 1				Specimen 2			Specimen 3			Specimen 4			Specimen 5							
	A	A1	A2	B	O	A	A1	F/B Dis	A	B	F/B Dis	O	A	A1	A2	O	A	A1	B	F/B Dis	
Immucor Tube	24			1	25					24	1		24	1						25	
Ortho Gel	24		1		25					18	7		24	1						24	
Ortho Tube	7				7					6	1		7							7	
Total Population	65	0	1	1	67	0	0	0	0	58	9	0	65	2	0	0	0	0	0	66	
Flagging	***			***		***	***	***	***			***	***	***	***	***	***	***	***		***

D (Rho) Typing

Method	Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5			
	NEG	POS	Neg. weak D (Du) not performed	Weak D (Du)-Positive	NEG	POS	Neg. weak D (Du) not performed	Weak D (Du)-Positive	NEG	POS	Neg. weak D (Du) not performed	Weak D (Du)-Positive	NEG	POS	Neg. weak D (Du) not performed	Weak D (Du)-Positive	NEG	POS	Neg. weak D (Du) not performed	Weak D (Du)-Positive
Eldon Biologicals		8				8				8				8				8		
Immucor Tube		28				28				28				23	5			23		5
Ortho Gel		24				24				24				7	17			8		16
Ortho Slide		4				4				4				3	1			3		1
Ortho Tube		9				9				9				6	3			6		3
Other Tube		5				5				5				3	2			3		2
Total Population	0	87	0	0	0	87	0	0	0	87	0	0	47	0	40	0	48	0	39	0
Flagging	***		***	***	***		***	***	***	***		***	***	***	***	***	***	***	***	***

Unexpected Antibody Detection

Method	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5		
	Would Refer	Not Detected	Detected	Would Refer	Not Detected	Detected	Would Refer	Not Detected	Detected	Would Refer	Not Detected	Detected	Would Refer	Not Detected	Detected
Immucor Tube	1	2	17		20		1		19		20			20	
Ortho Gel	2	2	29		31		2		29		30			30	1
Total Population	3	3	55	0	61	0	3	0	58	0	61	0	0	60	1
Flagging	***			***	***	***	***	***	***	***	***	***	***	***	***

Antibody Identification, First

Method	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5		
	Would refer	Fy-a	Neg not indicated	Would refer	K	Would refer	Neg not indicated	Would refer	Neg not indicated	Would refer	Neg not indicated	Would refer	Neg not indicated	Would refer	
Immucor Tube															
Ortho Gel															
Total Population	1	4	5	0	4	1	5	0	5	0	5	0	0		
Flagging															

*Per CMS and CAP requirements, starting in 2018 laboratories not marking a response for negative screened samples will be flagged.

Compatibility Testing

Name	Specimen 1						Specimen 2						Specimen 3						
	Would refer	Compatible	Not Compatible	Immediate spin only, incompatible	Immediate spin only, compatible	Unexp Ab would refer	Would refer	Compatible	Not Compatible	Immediate spin only, incompatible	Immediate spin only, compatible	Unexp Ab would refer	Would refer	Compatible	Not Compatible	Immediate spin only, incompatible	Immediate spin only, compatible	Unexp Ab would refer	
Immucor Tube	2	1	8			2			7			6			2	6	3		2
Ortho Gel	3	2	13			5			18	1		4			6	7	5		5
Total Population	6	3	25	0	3	7	0	30	1	0	13	0	9	15	10	0	3	7	
Flagging	***			***			***	***	***	***	***	***	***	***	***	***	***	***	***

*Samples 1, 3 and 5 were evaluated on the basis of referres. For all three 10 of 10 referee laboratories obtained the intended results.

Name	Specimen 4						Specimen 5					
	Would refer	Compatible	Not Compatible	Immediate spin only, incompatible	Immediate spin only, compatible	Unexp Ab would refer	Would refer	Compatible	Not Compatible	Immediate spin only, incompatible	Immediate spin only, compatible	Unexp Ab would refer
Immucor Tube		7				6			7			6
Ortho Gel		18	1			4			17	1	1	3
Total Population	0	30	1	0	13	0	0	29	1	1	12	1
Flagging	***		***	***		***	***	***	***	***	***	***

Correct responses are defined as those reflecting agreement among 95% or more of all participants or referees. Unacceptable responses are indicated by "*****" on the Flagging line of each specimen.

Q1 2022 – Immunohematology