



**PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS**
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PARTICIPANT STATISTICS

FIRST QUADRIMESTER 2019

IMMUNOHEMATOLOGY

ABO Group

Method	Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				
	O	A	A1	F/B Dis	O	A	A1	A2	O	A	F/B Dis	O	A	A1	F/B Dis	O	A	AB	A2B	F/B Dis	
Immucor Tube		39	1		40				40				1	39				39	1		
Ortho Gel		42			42				42					40			1		32		9
Ortho Tube		13	1		14				14					13	1			13	1		
Total Population	0	118	2	0	120	0	0	0	120	0	0	0	1	115	1	0	1	1	107	2	9
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
Immucor Tube		42			33	9			42				33	9			42			
Ortho Gel		41			13	28			41				13	28			41			
Ortho Tube		18			10	8			18				10	8			18			
Other Tube		10			7	3			10				6	1	3		1	9		
Total Population	1	140	0	0	79	0	62	0	0	141	0	0	78	1	62	0	2	139	0	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			35		33	2		8	27			35			34	1
Ortho Gel	1		53	9	44	1	1	1	52	1		53	10		43	1
Total Population	1	0	109	9	97	4	1	13	96	1	108	1	10	10	98	2
Flagging		***			***						***			***		***

*Due to a lack of participant consensus, Specimen 3 was not graded. The intended result was Detected.

Antibody Identification, First

Method	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5		
	E	Would refer	Neg not indicated	Would refer	Neg not indicated	M	Would refer	Neg not indicated	Would refer	Would refer	Neg not indicated	Would refer	Would refer	Neg not indicated	Would refer
Total Population	9	3	9	1	9	3	10	0	9	1	9	1	9	1	1
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	2	14		1	2	13	1		7		2	15				2	2
Ortho Gel	4	2	33		1	3	10	27		5	1	5	34				1	3
Total Population	8	6	56	0	6	6	10	52	1	0	18	1	9	60	1	0	7	5
Flagging	***		***		***		***	***	***	***	***	***	***	***	***	***	***	***

*15 of 16 referee laboratories called Incompatible

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		14			7			14			7	
Ortho Gel	3	34			6	9	29			4	1	
Total Population	3	60	0	0	19	0	10	55	0	0	16	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.