



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

FIRST QUADRIMESTER 2018

IMMUNOHEMATOLOGY

ABO Group

Method	Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5			
	O	A	A1	F/B Dis	O	A	B	AB	A	A1	F/B Dis	O	A	A1	A2	F/B Dis	O	A	B	AB
Immucor Tube		42	1		43				42	1		43								43
Ortho Gel		50	1	7	58				53	1	4	58								57
Ortho Tube		14	1		15				14	1		15								15
Total Population	0	130	4	7	141	0	0	0	133	4	4	141	0	0	0	0	0	0	140	0
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		45			38		7		35	1		8	1		45				45		
Ortho Gel	1	55			25		31		25			31			56				55		
Ortho Tube		19			15		4		15			4			19				19		
Other Tube		11			8		3		8			3			10		1		11		
Total Population	1	159	1	0	103	1	57	0	100	1	59	1	0	160	0	1	0	159	1	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	34			35			35			35			35
Ortho Gel	1		69	1		69			68	2		70			70
Total Population	1	1	127	1	0	128	0	127	2	0	129	0	0	129	0
Flagging		***			***				***			***			***

Antibody Identification, First

Method	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
	K	Would refer	D	Neg not indicated	Would refer	Neg not indicated	Would refer	Neg not indicated	Would refer	Neg not indicated
Total Population	11	6	11	1	5	11	1	9	2	10
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
Immucor Tube	3	16			1	2	3		17		1	1		12			10
Ortho Gel	8	43	5			2	5		51		2	4	48	1		5	
Total Population	13	71	5	0	4	4	10	0	80	0	4	3	4	71	1	0	21
Flagging			***	***					***					***	***		***

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
Immucor Tube	12				10		12			10	
Ortho Gel	1	50	2		5		52	1		5	
Total Population	1	73	2	0	21	0	76	1	0	20	
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 2018 – Immunohematology