



PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS
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PARTICIPANT STATISTICS

THIRD QUADRIMESTER 2019

IMMUNOHEMATOLOGY

ABO Group

Method	Specimen 1				Specimen 12				Specimen 13				Specimen 14				Specimen 15					
	O	A	B	F/B Dis	O	A	A1	F/B Dis	AB	A1B	A2B	A	A1	A2	F/B Dis	O	A	AB	A2B	F/B Dis		
Biotest Tube	6					6				6				6					6			
Immucor Tube	35					34	1			34	1			34	1				35			
Ortho Gel	44					43	1			44				39		1			44			
Ortho Tube	13					12	1			12	1			12	1				13			
Other Tube	8					8				8				8					8			
Total Population	114	0	0	0	0	111	3	0	0	112	2	0	107	2	1	4	114	0	0	0	0	
Flagging		***		***	***	***			***			***		***		***		***		***		***

D (Rho) Typing

Method	Specimen 11				Specimen 12				Specimen 13				Specimen 14				Specimen 15				
	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	
Biotest Tube		5			4				1				5				4				1
Eldon Biologicals		6							6				6				6				6
Immucor Tube		37			30				7				37				30				7
Ortho Gel		42			14				28				42				14				28
Ortho Slide		4			3				1				4				3				1
Ortho Tube		17			10				7				17				10				7
Other Tube		10			6				4				10				6				4
Quotient Tube		4			4				4				4				4				4
Total Population	0	133	0	0	75	0	58	0	0	133	0	0	133	0	0	133	0	0	75	0	58
Flagging	***		***	***	***		***	***	***	***		***	***	***	***	***	***		***	***	***

Unexpected Antibody Detection

Method	Specimen 11			Specimen 12			Specimen 13			Specimen 14			Specimen 15		
	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
Biotest Tube			4			4			4			4			4
Immucor Tube	1	4	24			28	1		29			1			29
Ortho Gel	2		53			55			55	1		52	1		54
Ortho Tube		2	2			4			4			4			4
Other Tube			5			5			5			5			5
Total Population	3	7	94	0	103	1	0	104	0	3	1	100	1	103	0
Flagging		***		***		***	***	***	***	***		***	***	***	***

Antibody Identification, First

Method	Specimen 11		Specimen 12		Specimen 13		Specimen 14		Specimen 15	
	E	Would refer	Neg not indicated	Would refer	Neg not indicated	Would refer	K	Would refer	Neg not indicated	Would refer
Ortho Gel	7	1	7	1	7	1	7	1	7	1
Total Population	10	2	11	1	11	1	10	2	11	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 11					Specimen 12					Specimen 13							
	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	3	14			1	1			13			6			13			6
Ortho Gel	9	30			1	4			37			7			37			7
Ortho Tube		6			1				6			1			6			1
Other Tube		4			2	1			2			5			2			5
Total Population	12	56	0	0	5	7	0	0	61	0	0	19	0	0	61	0	0	19
Flagging			***	***			***		***	***		***	***		***	***		***

Name	Specimen 14					Specimen 15					
	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		14		1	1			13		6
Ortho Gel	7		32	1		4			35		6
Ortho Tube		1	5		1				6		1
Other Tube			4		2	1			2		5
Total Population	10	1	57	1	4	7	3	59	0	0	18
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.

Q3 2019 – Immunohematology

Pending