



PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS
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PARTICIPANT STATISTICS

FIRST QUADRIMESTER 2018

HEPATITIS MARKERS

anti-HAV, total

Method	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5			
	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	
Abbott Architect	5				5			5			5			5		
Roche Elecsys	3			1	2			3			3			3		
Siemens Advia	4				4			4			4			4		
Total Population	18	0	0	1	17	0	0	18	0	0	18	0	0	17	0	0
Flagging		***	***	***		***	***		***	***		***	***		***	***

anti-HAV, IgM

Method	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5			
	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	
Abbott Architect	7				7			7			7			7		
Bio-Rad MONOLISA EIA	6				6			6			6			6		
Ortho Vitros	3				3			3			3			3		
Roche Elecsys	7				7			7			7			7		
Siemens Advia	8				8			8			8			8		
Total Population	35	0	0	35	0	0	35	0	0	35	0	0	35	0	0	0
Flagging		***	***		***	***		***	***		***	***		***	***	

anti-HCV

Method	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5			
	Neg	Pos	Would refer	Neg	Pos	Would refer	Neg	Pos	Would refer	Neg	Pos	Would refer	Neg	Pos	Would refer	
Abbott Architect	16				16			16			16				16	
Bio-Rad MONOLISA Ultra	3				3			3			3				3	
OraSure OraQuick Rapid	11				11			11			11				11	
Ortho ELISA	5				5			5			5				5	
Ortho Vitros	4				4			4			4				4	
Roche Elecsys	9				6	3		9			9				5	4
Siemens Advia	9				9			9			9				9	
Total Population	62	0	0	0	59	3		62	0	0	61	1	0	0	58	4
Flagging		***	***	***				***	***		***	***	***	***		

anti-HBc IgG + IgM

Method	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5			
	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	
Abbott Architect		5			5			5			5			5		
Roche Elecsys	1	2			2	1		2	1		1	2		1	2	
Siemens Advia		4			4			4			4			4		
Siemens Immulite 2000		3			3			3			3			3		
Total Population	1	19	0	19	1	0		19	1	0	1	19	0	1	19	0
Flagging	***			***		***	***		***	***	***		***	***	***	***

anti-HBc IgM

Method	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5			
	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	
Abbott Core-M	1	8			9			9			9			8	1	
Bio-Rad MONOLISA EIA		5			5			5			5			5		
Roche Elecsys		5			5			5			5			5		
Siemens Advia		6			6			6			6			6		
Total Population	2	29	0	31	0	0		31	0	0	31	0	0	30	1	0
Flagging	***			***		***	***		***	***		***	***		***	***

anti-HBs

Method	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5		
	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind
Abbott Architect	10			10			1	9		9		1		10	
Bio-Rad MONOLISA EIA	3			3				3			3		3		
DiaSorin ETI-AB-AUK Plus	3			3				3		2	1		1	2	
Ortho Vitros	3			3				3			3		3		
Roche Elecsys	6			6				6			6		6		
Siemens Advia	4			4				4			3	1		4	
Total Population	31	1	0	32	0	0	1	31	0	14	17	1	20	12	0
Flagging	***			***			***			***			***		

*Due to a lack of participant consensus, Specimens 4 and 5 were not evaluated.

Method	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5		
	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind	Neg	Pos	Ind
Total Population	5	0	0	5	0	0	5	0	0	0	5	0	4	0	1
Flagging	***			***			***			***			***		

Method	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5		
	Neg	Pos	Reac, conf	Neg	Pos	Reac, conf	Neg	Pos	Reac, conf	Neg	Pos	Reac, conf	Neg	Pos	Reac, conf
Abbott Architect		7	6	13			12	1			7	6		8	5
Bio-Rad EIA-Proc A		3		3			3				3			3	
Bio-Rad MONOLISA AgHBs +		3		3			3				3			3	
Bio-Rad MONOLISA Ultra		5		5			5			3	1	1		5	
DiaSorin ETI-MAK-2 Plus		3		3			3				3			3	
Ortho Vitros		3	1	4			4			4			1	3	
Roche Elecsys		8	6	14			14				8	6		8	6
Siemens Advia		11		11			11				11			11	
Siemens Immulite		6		6			6			4	1			6	
Total Population	2	51	13	65	1	0	65	1	0	13	39	13	1	54	11
Flagging	***			***			***			***			***		

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.