



PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS
 205 West Levee St. ♦ Brownsville, TX 78520-5596
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PARTICIPANT STATISTICS

FIRST QUADRIMESTER 2019

HIV MARKERS

anti-HIV-1 or 1/2 Screening

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 HIV Ag/Ab		12			12			12			12			12	
*Alere Determine	2	113		105	10		3	112		114		1	114		1
Bio-Rad Bioplex 200, 2200		3		1	2			3		3			3		
*Bio-Rad GS HIV Combo Ag/Ab EIA		13			13			13		13			12	1	
Chembio HIV 1/2 STAT-PAK		10		10				10		10			10		
Clearview Stat-Pak		3		2	1			3		3			3		
OraSure OraQuick Advance		4		4				4		4			4		
Siemens Advia CHIV		4			4			4		4			4		
Trinity Uni-Gold Recombigen		7		7				7		7			7		
Total Population	2	182	0	140	44	0	3	181	0	183	0	1	182	1	1
Flagging	***		***		&&&	***	***		***		***	***		***	***

& 4th Generation Ag/Ab Combo kits reacted to the p24 antigen as would be expected. For Specimen 2 They were evaluated against both antigen and antibody. If your kit reports serology and antigen independently, you must report antigen detection separately or be flagged.

anti-HIV-1 or 1/2

Confirmation

Method	Specimen 1				Specimen 2									
	Neg	Pos	Ind	Pos HIV 1/Neg HIV2	Neg HIV 1/Neg HIV2	Pos HIV 1/Pos HIV2	Neg, TNP	Neg	Pos	Ind	Pos HIV 1/Neg HIV2	Neg HIV 1/Neg HIV2	Pos HIV 1/Pos HIV2	Neg, TNP
Bio-Rad Geenius				9								9		
Trinity Uni-Gold Recombigen		31						31						
Total Population	1	32	0	9	0	0	0	31	1	0	0	9	0	0
Flagging	***		***	***	***	***	***	***	***	***	***	***	***	***

anti-HIV Confirmation

Method	Specimen 3				Specimen 4									
	Neg	Pos	Ind	Pos HIV 1/Neg HIV2	Neg HIV 1/Neg HIV2	Pos HIV 1/Pos HIV2	Neg, TNP	Neg	Pos	Ind	Pos HIV 1/Neg HIV2	Neg HIV 1/Neg HIV2	Pos HIV 1/Pos HIV2	Neg, TNP
Bio-Rad Geenius				9							7			2
Trinity Uni-Gold Recombigen		31						31						
Total Population	1	32	0	9	0	0	0	33	0	0	0	7	0	2
Flagging	***		***	***	***	***	***	***	***	***	***	***	***	***

anti-HIV Confirmation

Method	Specimen 5						
	Neg	Pos	Ind	Pos HIV 1/Neg HIV2	Neg HIV 1/Neg HIV2	Pos HIV 1/Pos HIV2	Neg, TNP
Bio-Rad Geenius					7		2
Trinity Uni-Gold Recombigen	31						
Total Population	33	0	0	0	7	0	2
Flagging	***	***	***	***	***	***	***

p24 Antigen

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
Alere Determine	111	2		2	111		110	3		112			1	112	
Total Population	115	3	0	2	116	0	114	4	0	117	0	1	117	0	1
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.