



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

FIRST QUADRIMESTER 2018

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		13			13			13			13			13	
Alere Clearview Complete HIV 1/2		5			3			2			5			5	
&Alere Determine		117			111			6			117			117	
Bio-Rad Bioplex 2000, 2200		4			4			4			4			4	
&Bio-Rad GS HIV Combo Ag/Ab EIA		15			15			15			15			15	
&Bio-Rad HIV-1/2 Plus O EIA		3			3			3			3			3	
Chembio HIV 1/2 STAT-PAK		13			13			13			13			13	
Clearview Stat-Pak		5			5			5			5			5	
OraSure OraQuick Advance		4	1		5			5			5			4	1
&Siemens Advia CHIV		5			5			5			5			5	
Trinity Uni-Gold Recombigen		7			7			7			7			7	
Total Population	200	1	152	49	0	0	201	0	201	0	0	200	0	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.

* Alere Determine users appear to correctly have identified the positive p24 Antigen, but have largely called the screen negative. Methods that report antigen and anti-HIV separately should have reported Negative for Specimen 2.

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		1			9				2				8	
Trinity Uni-Gold Recombigen		32							31					1
Total Population	1	34	0	9	0	0	0	34	1	0	0	8	0	1
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		1			9				2				8	
Trinity Uni-Gold Recombigen		32							31					1
Total Population	1	34	0	9	0	0	0	35	0	0	0	8	0	1
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		2				8	
Trinity Uni-Gold Recombigen		31					1
Total Population	35	0	0	0	8	0	1
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	117	2		1	118		117	2		119			119		
Total Population	120	2	0	1	121	0	120	2	0	122	0	0	122	0	0
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.