

# AccuVert™ HIV-1 Seroconversion Panel

0600-0237 (PRB953) / Batch #10686815

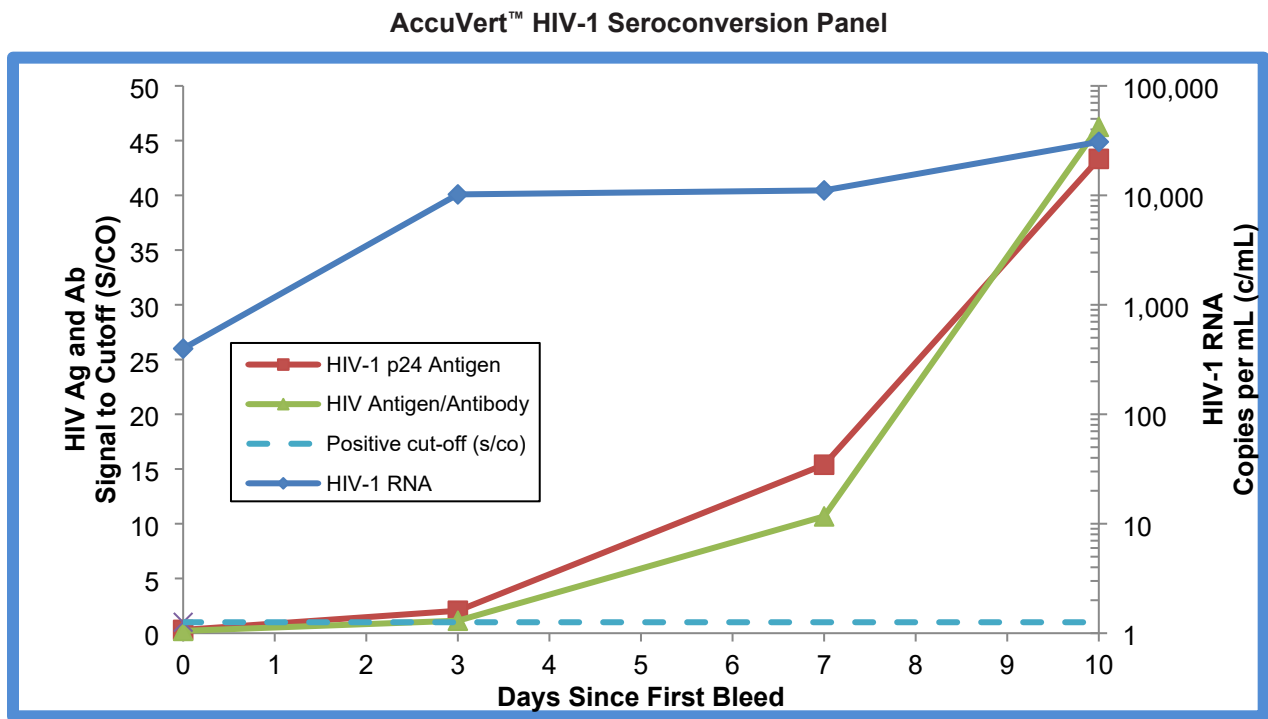
## OVERVIEW

AccuVert™ HIV-1 Seroconversion Panel 0600-0237 (PRB953) / Batch #10686815 is a 4-member panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.0 mL per vial). Panel members represent serial bleeds collected from a single individual over the course of 10 days in 1997 during the development of an HIV infection and subsequent response. Each sample represents a single collection event. No preservatives were added.

Test results from commercially-available HIV assays are included for characterization of the panel members. This panel of human plasma samples demonstrates a change in expression from negative to positive for some HIV-1 analytes during the development and progression of an HIV infection.

For Research Use Only. Not for use in diagnostic procedures. Data are offered for informational purposes. LGC SeraCare Life Sciences does not claim that others can duplicate test results exactly.

CAUTION: Potentially infectious materials. Follow Universal Precautions. Some panel members were found positive for HIV-1; all were found negative for anti-HCV and HBsAg. This does not ensure the absence of these or other human pathogens.



*This graph demonstrates the evolution of early HIV infection amongst panel members from the Perkin Elmer (HIV-1 p24 Antigen), Abbott ARCHITECT (HIV Antigen/Antibody), and Roche cobas® (HIV-1 RNA) test methods.*

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## Panel Member Information

Panel Member	SeraCare Batch #	SeraCare Donor ID #	Bleed Date	Days Since 1 <sup>st</sup> Bleed
01	10000676	BD213142	25-Jun-1997	0
02	10000677	BD213142	28-Jun-1997	3
03	10000679	BD213142	02-Jul-1997	7
04	10000678	BD213142	05-Jul-1997	10

## HIV RNA and HIV Antigen Assays<sup>1</sup>

Panel Member	Roche cobas® 6800/8800 HIV-1 RNA (copies/mL)	Perkin Elmer HIV-1 p24 ELISA (S/CO)
01	<b>3.98 x 10<sup>2</sup></b>	0.30
02	<b>1.02 x 10<sup>4</sup></b>	<b>2.05</b>
03	<b>1.11 x 10<sup>4</sup></b>	<b>15.39</b>
04	<b>3.08 x 10<sup>4</sup></b>	<b>43.33</b>
Test Date	18-Nov-2023	16-Nov-2023
Test Site	RL	LGC
Kit Part Code	NA	NEK050A
Kit Lot No.	NA	990-23261
Kit Exp. Date	NA	01-May-2024

<sup>1</sup>Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.  
RL = Reference Lab; LGC = LGC Clinical Diagnostics; NA = Not Available

## HIV Antigen/Antibody Assays<sup>1</sup>

Panel Member	Abbott ARCHITECT HIV Ag/Ab Combo (S/CO)	Abbott Alinity s HIV Ag/Ab Combo (S/CO)	Roche cobas® Elecsys HIV combi PT (COI)	Bio-Rad GS HIV-1/HIV-2 PLUS O EIA (S/CO) <sup>1</sup>
01	0.21	0.15	0.57	0.24
02	<b>1.14</b>	<b>1.11</b>	<b>1.07</b>	0.16
03	<b>10.67</b>	<b>10.47</b>	<b>6.90</b>	0.33
04	<b>46.26</b>	<b>43.02</b>	<b>112.25</b>	<b>12.30</b>
Test Date	17-Nov-2023	16-Nov-2023	08-Dec-2023	17-Nov-2023
Test Site	LGC	RL	RL	LGC
Kit Part Code	2P36	NA	NA	32588
Kit Lot No.	53400BE00	53198BE00	NA	272UBB-05
Kit Exp. Date	13-Feb-2024	31-May-2024	NA	31-Mar-2024

<sup>1</sup>Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.  
RL = Reference Lab; LGC = LGC Clinical Diagnostics; NA = Not Available

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## HV-1 Antibody & HIV Rapid Assays

### Alere Determine™ HIV-1/2 Ag/Ab Combo<sup>2</sup>

Panel Member	Avioq HIV-1 Microelisa		
	(S/CO) <sup>1</sup>	HIV Ag	HIV Ab
01	0.22	NEG	NEG
02	0.22	NEG	NEG
03	0.22	<b>POS</b>	NEG
04	0.49	<b>POS</b>	<b>POS</b>
Test Date	17-Nov-2023	15-Nov-2023	
Test Site	LGC	LGC	
Kit Part Code	100384	7D2648	
Kit Lot No.	23101H	237258	
Kit Exp. Date	04-Jul-2024	28-Nov-2024	

<sup>1</sup>Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.

<sup>2</sup>Results are reported as singlicate testing; positive/reactive results are noted in bold red.

LGC = LGC Clinical Diagnostics; POS = Positive; NEG = Negative

## HIV Confirmatory Assay<sup>1</sup>

### Bio-Rad Genetic Systems™ HIV-1 Western Blot

Panel Member	Band Pattern	HIV-1 Interpretation
01	No Bands	NEG
02	No Bands	NEG
03	No Bands	NEG
04	f18	IND
Test Date	29-Feb-2024	
Test Site	LGC	
Kit Part Code	32508	
Kit Lot No.	64593016	
Kit Exp. Date	01-Aug-2024	

<sup>1</sup>Results are reported as singlicate testing.

f = faint; LGC = LGC Clinical Diagnostics; NEG = Negative; IND = Indeterminate

The package insert for this panel can be found at  
[www.seracare.com](http://www.seracare.com).

A printed copy of the package insert or data sheet may  
be requested by email at [CDx-Info@LGCGroup.com](mailto:CDx-Info@LGCGroup.com) or  
by phone at 508.244.6400.