

# AccuVert™ HIV-1 Seroconversion Panel

PRB976 (0600-0261) / Batch #10395721

## OVERVIEW

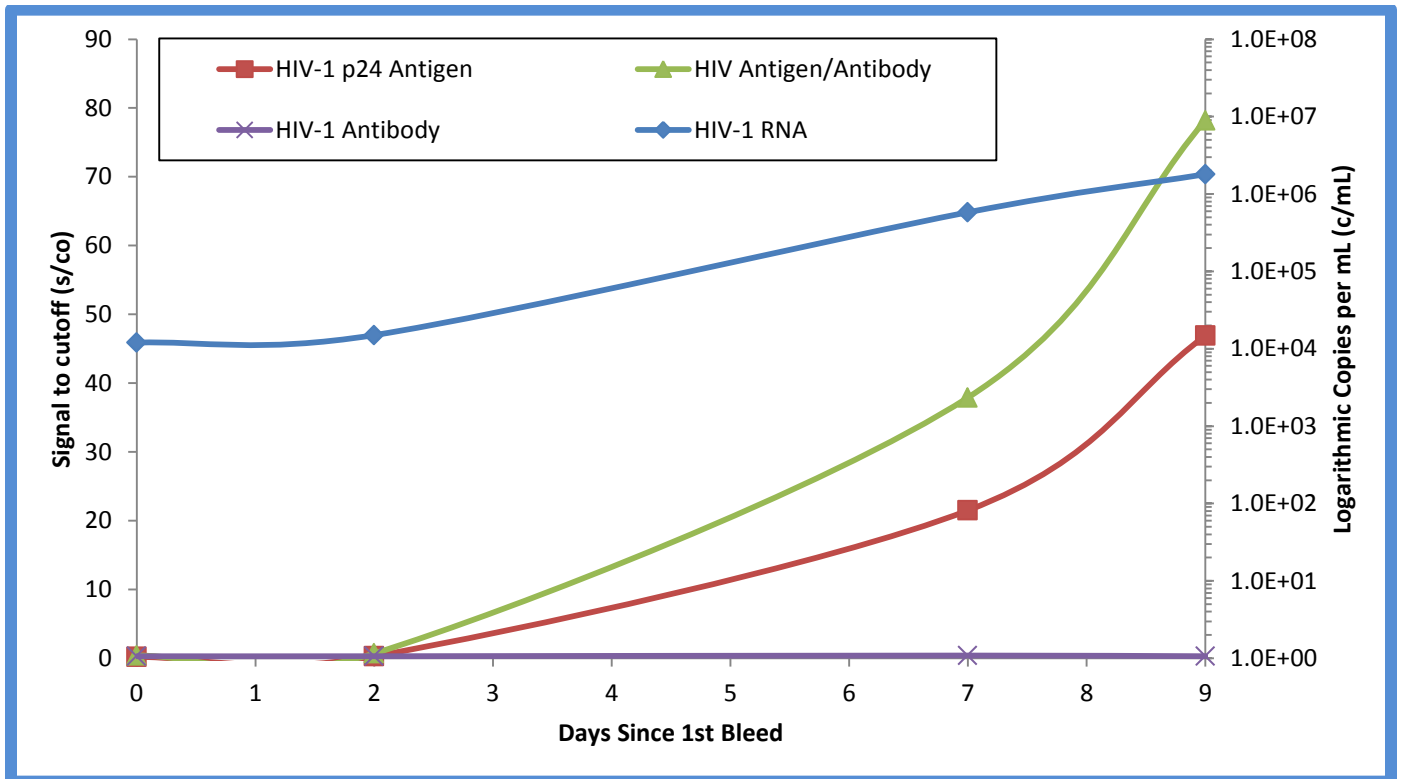
AccuVert™ HIV-1 Seroconversion Panel PRB976 (0600-0261) / Batch #10395721 is a 4-member panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.2 mL per vial) collected over 9 days in 1999 during a period of HIV seroconversion.

Test results from commercially-available HIV RNA, HIV antigen/antibody combo, HIV antigen, and HIV antibody assays are included for reference. This panel converts from negative to positive for HIV antigen.

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

CAUTION: Potentially infectious materials. Follow Universal Precautions. The units that make up this panel were tested and found negative for HBsAg and anti-HCV. This does not ensure the absence of these or other human pathogens.

Evolution of HIV Markers in Early Infection



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

AccuVert™ HIV-1  
Seroconversion Panel  
PRB976 (0600-0261) / Batch #10395721

**Panel Member Information**

Panel Member	SeraCare Batch #	SeraCare Donor ID #	Bleed Date	Days Since 1 <sup>st</sup> Bleed
01	9252537	BD111103	04-Nov-1999	0
02	9253087	BD111103	06-Nov-1999	2
03	9254277	BD111103	11-Nov-1999	7
04	9254278	BD111103	13-Nov-1999	9

**HIV RNA**

Panel Member	Abbott m2000 Realtime HIV-1 RNA (c/mL) <sup>1,2</sup>	Roche COBAS AmpliPrep/COBAS TaqMan HIV-1 Test v2.0 (c/mL) <sup>1,2</sup>
01	<b>5.1E+03</b>	<b>1.2E+04</b>
02	<b>9.2E+03</b>	<b>1.5E+04</b>
03	<b>4.5E+05</b>	<b>5.8E+05</b>
04	<b>1.3E+06</b>	<b>1.8E+06</b>
Test Date	27-Feb-2019	28-Feb-2019
Test Site	RL	RL
Kit Part Code	NA	NA
Kit Lot No.	NA	NA
Kit Exp. Date	NA	NA
Kit Regulatory Status	IVD	IVD/CE

<sup>1</sup>Results are reported as copies per mL (c/mL); positive/reactive results are noted in bold red.

<sup>2</sup>Results are reported as the mean result of duplicate testing.

NA = Not Available

RL = Reference Lab

IVD = In Vitro Diagnostic; CE = Conformité Européenne or CE Marking

# AccuVert™ HIV-1 Seroconversion Panel

PRB976 (0600-0261) / Batch #10395721

## HIV Ag/Ab, HIV Ag, HIV Ab

Panel Member	Roche Elecsys HIV combi PT (s/co) <sup>1,2</sup>	Perkin Elmer Alliance HIV-1 p24 Ag ELISA (s/co) <sup>1,2</sup>	Abbott ARCHITECT HIV Ag/Ab Combo (s/co) <sup>1,2</sup>	Abbott PRISM HIV O Plus (s/co) <sup>1,2</sup>	Bio-Rad GS HIV-1/HIV-2 PLUS O EIA (s/co) <sup>1,2</sup>
01	0.4	0.2	0.4	0.3	0.3
02	0.6	0.3	0.7	0.3	0.3
03	<b>29.1</b>	<b>21.5</b>	<b>37.9</b>	0.4	0.6
04	<b>67.9</b>	<b>46.9</b>	<b>78.2</b>	0.3	0.8
Test Date	04-Mar-2019	22-Feb-2019	15-Feb-2019	20-Feb-2019	20-Feb-2019
Test Site	RL	SC	SC	RL	SC
Kit Part Code	NA	NEK050B	2P36	NA	32588
Kit Lot No.	NA	990-18281	91134LI00	NA	148NBB-05
Kit Exp. Date	NA	01-Jun-2019	06-May-2019	NA	31-May-2019
Kit Regulatory Status	IVD	RUO	IVD	IVD/CE	IVD/CE

<sup>1</sup>Results are reported as a signal to cutoff ratio (s/co); positive/reactive results are noted in bold red.

<sup>2</sup>Results are reported as the mean result of duplicate testing.

NA = Not Available

SC = SeraCare; RL = Reference Lab

IVD = In Vitro Diagnostic; CE = Conformité Européenne or CE Marking; RUO = Research Use Only

## HIV Ag/Ab

Panel Member	Alere Determine HIV-1/2 Antigen	Alere Determine HIV-1/2 Antibody
01	NEG	NEG
02	NEG	NEG
03	<b>POS</b>	NEG
04	<b>POS</b>	NEG
Test Date	21-Feb-2019	
Test Site	SC	
Kit Part Code	7D2648	
Kit Lot No.	104511	
Kit Exp. Date	18-Mar-2020	
Kit Regulatory Status	IVD/CE	

POS = Positive; NEG = Negative

SC = SeraCare

IVD = In Vitro Diagnostic; CE = Conformité Européenne or CE Marking

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 [info@seracare.com](mailto:info@seracare.com) or by phone at 508.244.6400.