

AccuVert™ HIV-1 Seroconversion Panel

PRB977 (0600-0262) / Batch #10410392

OVERVIEW

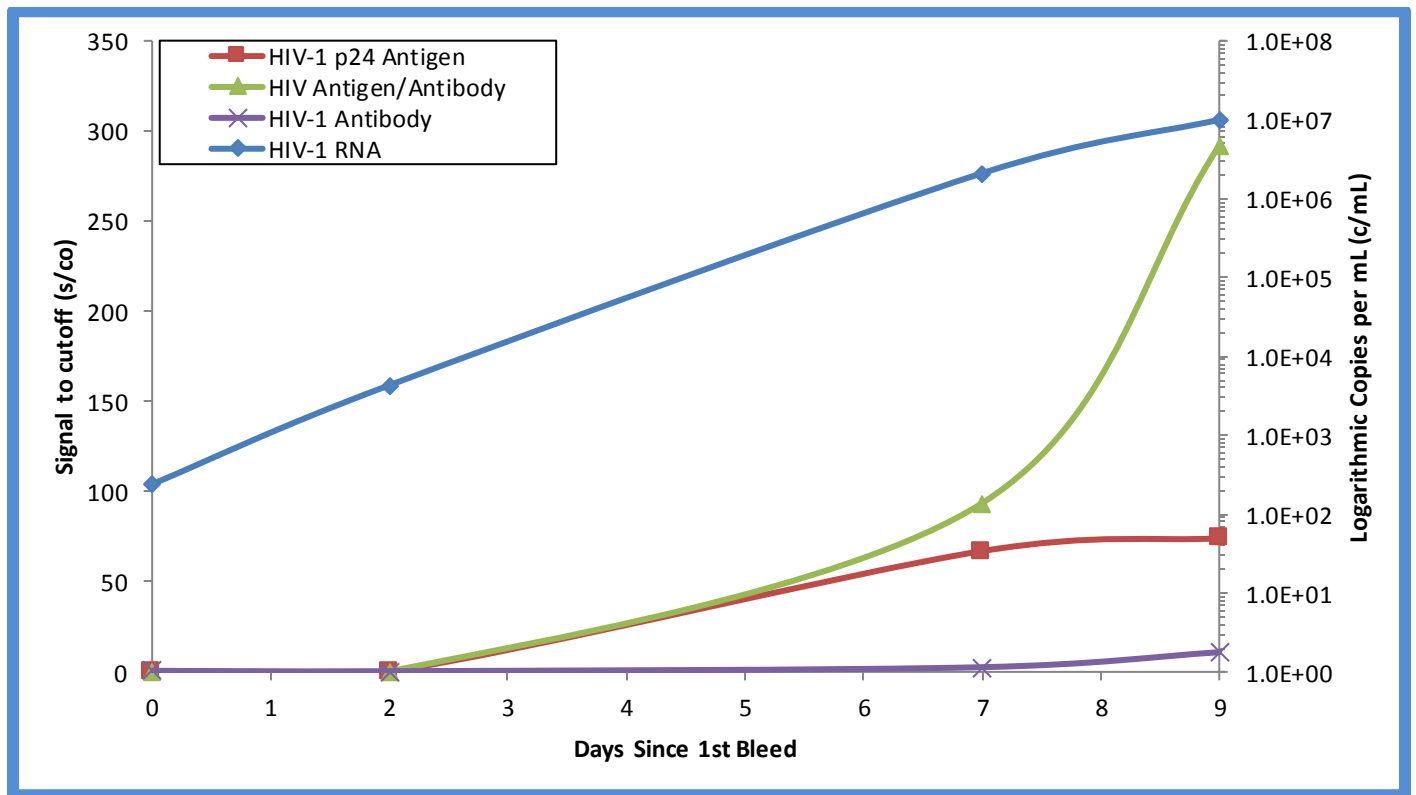
AccuVert™ HIV-1 Seroconversion Panel PRB977 (0600-0262) / Batch #10410392 is a 4-member panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.2 mL per vial) collected over 15 days in 2002 during a period of HIV seroconversion.

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 and HIV antibody.

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.

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Seroconversion Panel
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Panel Member Information

Panel Member	SeraCare Batch #	SeraCare Donor ID #	Bleed Date	Days Since 1 st Bleed
01	9254286	BD111041	26-Feb-2002	0
02	9254287	BD111041	28-Feb-2002	2
03	9254288	BD111041	11-Mar-2002	13
04	9252544	BD111041	13-Mar-2002	15

HIV RNA

Panel Member	Abbott m2000 Realtime HIV-1 RNA (c/mL) ^{1,2}	Roche COBAS AmpliPrep/COBAS TaqMan HIV-1 Test v2.0 (c/mL) ^{1,2}
01	1.0E+02	2.4E+02
02	1.8E+03	4.3E+03
03	1.2E+06	2.1E+06
04	6.8E+06	>1.0E+07³
Test Date	08-May-2019	06-May-2019
Test Site	RL	RL
Kit Part Code	NA	NA
Kit Lot No.	493612	E21956
Kit Exp. Date	28-Dec-2019	31-May-2020

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

²Results are reported as the mean result of duplicate testing.

³Off-scale results

NA = Not Available

RL = Reference Lab

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HIV Ag/Ab, HIV Ag, HIV Ab

Panel Member	Roche Elecsys HIV combi PT (s/co) ^{1,2}	Perkin Elmer Alliance HIV-1 p24 Ag ELISA (s/co) ^{1,2}	Abbott ARCHITECT HIV Ag/Ab Combo (s/co) ^{1,2}	Abbott PRISM HIV O Plus (s/co) ^{1,2}	Bio-Rad GS HIV-1/HIV-2 PLUS O EIA (s/co) ^{1,2}
01	0.3	0.1	0.4	0.6	0.4
02	0.2	0.2	0.3	0.4	0.2
03	47.5	67.0	93.6	2.6	0.8
04	166.0	>74.1³	291.9	10.9	9.6
Test Date	13-May-2019	02-May-2019	03-May-2019	02-May-2019	02-May-2019
Test Site	RL	SC	SC	RL	SC
Kit Part Code	NA	NEK050A	2P36	NA	32588
Kit Lot No.	NA	990-19071	95122LI00	NA	177NBB-05
Kit Exp. Date	NA	01-Jan-2020	09-Sep-2019	NA	30-Jun-2019

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

²Results are reported as the mean result of duplicate testing.

³Off-scale results

NA = Not Available

SC = SeraCare; RL = Reference Lab

HIV Ag/Ab, HIV Ab

Panel Member	Bio-Rad GS HIV-1 Western Blot Band Pattern	Bio-Rad GS HIV-1 Western Blot Band Result	Alere Determine HIV-1/2 Antigen	Alere Determine HIV-1/2 Antibody
01	No Bands	NEG	NEG	NEG
02	No Bands	NEG	NEG	NEG
03	No Bands	NEG	POS	NEG
04	No Bands	NEG	POS	POS
Test Date	07-May-2019		01-May-2019	
Test Site	SC		SC	
Kit Part	NA		7D2648	
Kit Lot No.	64190924		104511	
Kit Exp.	14-Jun-2019		18-Mar-2020	

POS = Positive; NEG = Negative

SC = SeraCare

The package insert for this panel can be found at www.seracare.com.

A printed copy of the package insert or data sheet may be requested by email at info@seracare.com or by phone at 508.244.6400.