

AccuVert™ HIV-1 Seroconversion Panel

0600-0261 / Batch #10640677

OVERVIEW

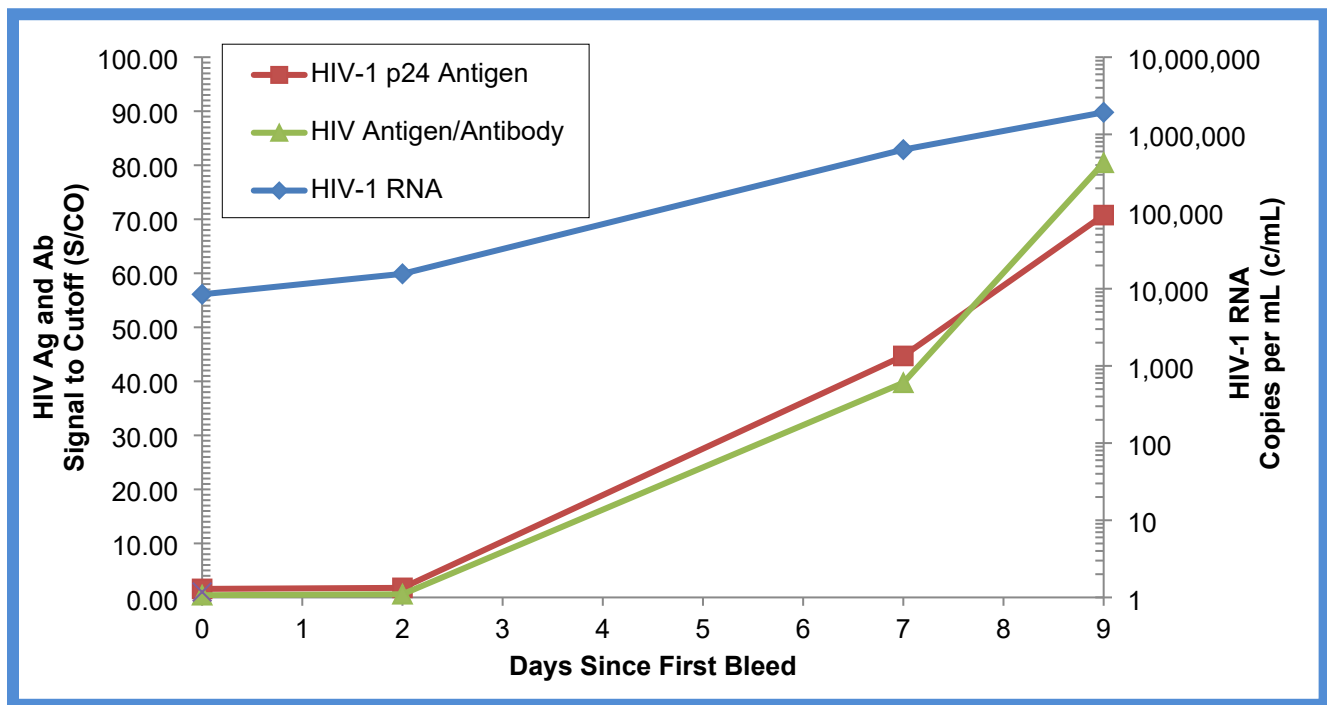
AccuVert™ HIV-1 Seroconversion Panel 0600-0261 / Batch # 10640677 is a 4-member panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.2 mL per vial) collected from an HIV-1 donor. Panel members represent serial bleeds collected from a single donor over the course of 9 days in 1999 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 markers of HIV infection; all were found negative for HBsAg and anti-HCV. This does not ensure the absence of these or other human pathogens.

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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 st 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 and HIV Antigen Assays

Panel Member	Roche COBAS® AmpliPrep/COBAS® TaqMan HIV-1 Test v2.0 (copies/mL) ¹	PerkinElmer HIV-1 p24 ELISA (S/CO) ¹
	01	8.46 x 10³
02	1.56 x 10⁴	1.77
03	6.34 x 10⁵	44.70
04	1.93 x 10⁶	70.77
Test Date	10-Oct-2022	29-Sep-2022
Test Site	RL	SC
Kit Part Code	NA	NEK050A
Kit Lot No.	J04272	990-22041
Kit Exp. Date	31-Aug-2023	01-Nov-2022

¹Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.
RL = Reference Lab; SC = SeraCare; NA = Not Available

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HIV Antigen/Antibody Assays

Panel Member	Abbott ARCHITECT HIV Ag/Ab Combo (S/CO) ¹	Abbott Alinity s HIV Ag/Ab Combo (S/CO) ¹	Roche cobas® Elecsys HIV combi PT (COI) ¹	Bio-Rad GS HIV-1/HIV-2 PLUS O EIA (S/CO) ¹
01	0.41	0.39	0.64	0.07
02	0.59	0.58	0.996, 1.03*	0.08
03	39.73	39.52	57.95	0.17
04	80.45	75.38	127.50	0.25
Test Date	30-Sep-2022	29-Sep-2022	18-Oct-2022	29-Sep-2022
Test Site	SC	RL	RL	SC
Kit Part Code	2P36	NA	NA	32588
Kit Lot No.	41200BE00	34376BE00	NA	109TBB-05
Kit Exp. Date	13-Feb-2023	28-May-2023	NA	31-Oct-2022

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

*Interpretation variability; individual replicates reported.

SC = SeraCare; RL = Reference Lab; NA = Not Available

HIV Rapid Test

Panel Member	Alere Determine™ HIV-1/2 Ag/Ab Combo ¹	
	HIV Ag	HIV Ab
01	NEG	NEG
02	NEG	NEG
03	POS	NEG
04	POS	NEG
Test Date	04-Oct-2022	
Test Site	SC	
Kit Part Code	7D2648	
Kit Lot No.	199525	
Kit Exp. Date	24-Feb-2024	

¹Results are reported as singlicate testing; positive/reactive results are noted in bold red.

SC = SeraCare

POS = Positive; NEG = Negative

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 CDx-Info@LGCGroup.com or
by phone at 508.244.6400.