

AccuVert™ HIV-1 Seroconversion Panel

0600-0246 (PRB964) / Batch #10782428

OVERVIEW

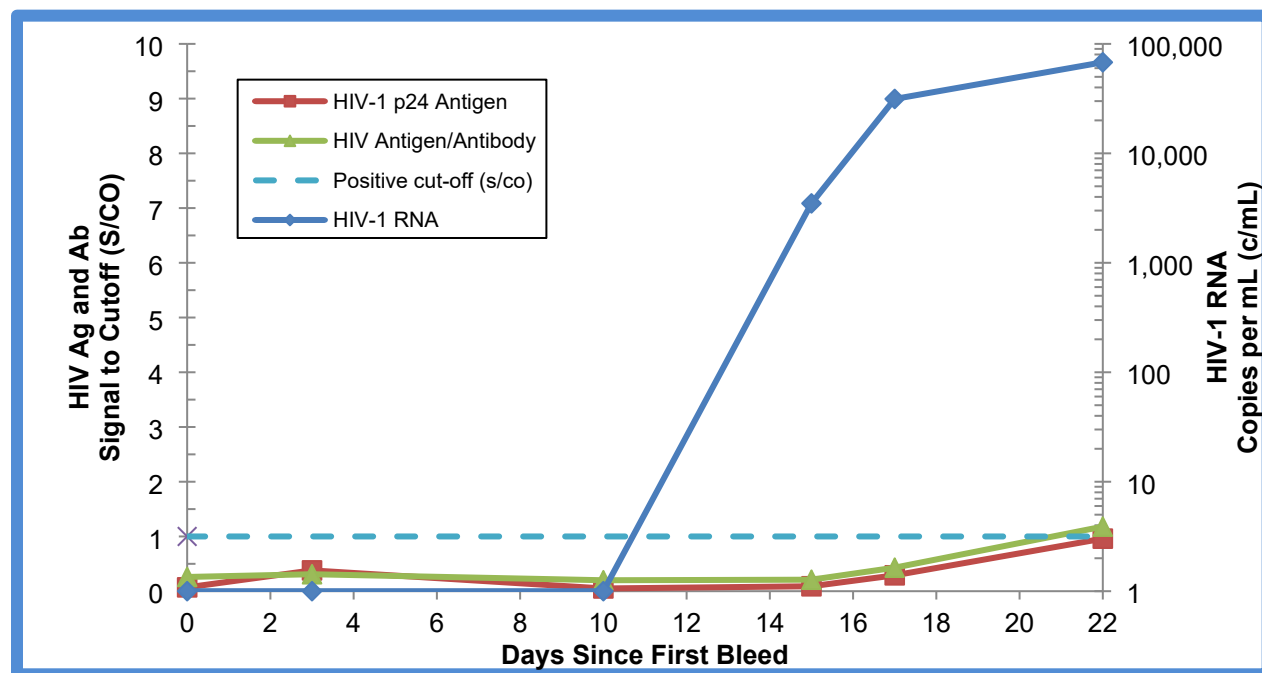
AccuVert™ HIV-1 Seroconversion Panel 0600-0246 (PRB964) / Batch #10782428 is a 6-member panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.0 mL per vial). Panel members represent serial bleeds collected from a single individual over the course of 22 days in 2006 during the development 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.

AccuVert™ HIV-1 Seroconversion Panel



This graph demonstrates the evolution of early HIV infection amongst panel members from the Revvity (HIV-1 p24 Antigen), Abbott ARCHITECT (HIV Antigen/Antibody), and Roche cobas® 6800/8800 (HIV-1 RNA) test methods.

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Panel Member Information

Panel Member	SeraCare Batch #	Bleed Date	Days Since 1 st Bleed	Fiebig Stage ¹
01	BM206289	27-Jun-2006	0	NA
02	BM206290	30-Jun-2006	3	NA
03	BM206291	07-Jul-2006	10	NA
04	BM206292	12-Jul-2006	15	I
05	BM206293	14-Jul-2006	17	I
06	BM206294	19-Jul-2006	22	II

¹Fiebig stages are categories that define phases of early HIV infection. See Fiebig E.W., et al. Dynamics of HIV viremia and antibody seroconversion in plasma donors: implications for diagnosis and staging of primary HIV infection. AIDS 2003, 17:1871-9, and Lee H.Y., et al. Modeling sequence evolution in acute HIV-1 infection. J Theor. Biol. 2009, 261:341-360

HIV RNA and HIV Antigen Assays¹

Panel Member	Roche cobas® 6800/8800 HIV-1 RNA (copies/mL)	Revvity HIV-1 p24 ELISA (S/CO)
01	TND	0.07
02	TND	0.38
03	<20, TND*	0.05
04	3.49E+03	0.09
05	3.14E+04	0.29
06	6.79E+04	0.96
Test Date	10-Nov-2025	23-Oct-2025
Test Site	RL	LGC
Kit Part Code	NA	NEK050A
Kit Lot No.	NA	990-25252
Kit Exp. Date	NA	01-May-2026

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

*Interpretation variability; individual replicates reported.

RL = Reference Lab; LGC = LGC Clinical Diagnostics; NA = Not Available

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HIV Antigen/Antibody Assays¹

	Abbott ARCHITECT HIV Ag/Ab Combo	Abbott Alinity s HIV Ag/Ab Combo	Roche cobas® Elecsys HIV combi PT	Bio-Rad Genetic Systems™ HIV-1/HIV-2 Plus O EIA
Panel Member	(S/CO)	(S/CO)	(COI)	(S/CO)
01	0.26	0.07	0.32	0.18
02	0.31	0.07	0.32	0.15
03	0.20	0.06	0.27	0.16
04	0.21	0.11	0.23	0.16
05	0.43	0.28	0.35	0.18
06	1.18	1.11	1.06	0.18
Test Date	23-Oct-2025	24-Oct-2025	10-Nov-2025	28-Oct-2025
Test Site	LGC	RL	RL	LGC
Kit Part Code	2P36	NA	NA	32588
Kit Lot No.	77575BE00	74477BE00	NA	439WBB-05
Kit Exp. Date	11-Feb-2026	09-Mar-2026	NA	31-Jan-2026

¹Results 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

HV-1 Antibody & HIV Rapid Assays

	Avioq HIV-1 Microelisa	Alere Determine™ HIV-1/2 Ag/Ab Combo ²
Panel Member	(S/CO) ¹	HIV Ag HIV Ab
01	0.23	NEG NEG
02	0.22	NEG NEG
03	0.22	NEG NEG
04	0.22	NEG NEG
05	0.23	NEG NEG
06	0.23	NEG NEG
Test Date	03-Nov-2025	28-Oct-2025
Test Site	LGC	LGC
Kit Part Code	100384	7D2648
Kit Lot No.	24106H	0001182809
Kit Exp. Date	05-Sep-2026	20-Aug-2027

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

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

LGC = LGC Clinical Diagnostics; NEG = Negative

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HIV Confirmatory Assay

INNOGENETICS® INNO-LIA™ HIV I/II Score ¹								
Band Results								
Panel Member	HIV-1/2 Antibody Interpretation	sgp120	gp41	p31	p24	p17	sgp105	gp36
01	NEG	-	-	-	-	-	-	-
02	NEG	-	-	-	-	-	-	-
03	NEG	-	-	-	-	-	-	-
04	NEG	-	-	-	-	+/-	-	-
05	NEG	-	-	-	-	-	-	-
06	NEG	-	-	-	-	-	-	-
Test Date				04-Nov-2025				
Test Site				RL				
Kit Part Code				NA				
Kit Lot No.				295054				
Kit Exp. Date				30-Sep-2026				

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

RL = Reference Lab; NA = Not Available; 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.