

AccuVert™ HIV-1 Seroconversion Panel

PRB973 (0600-0256) / Batch 10564530

OVERVIEW

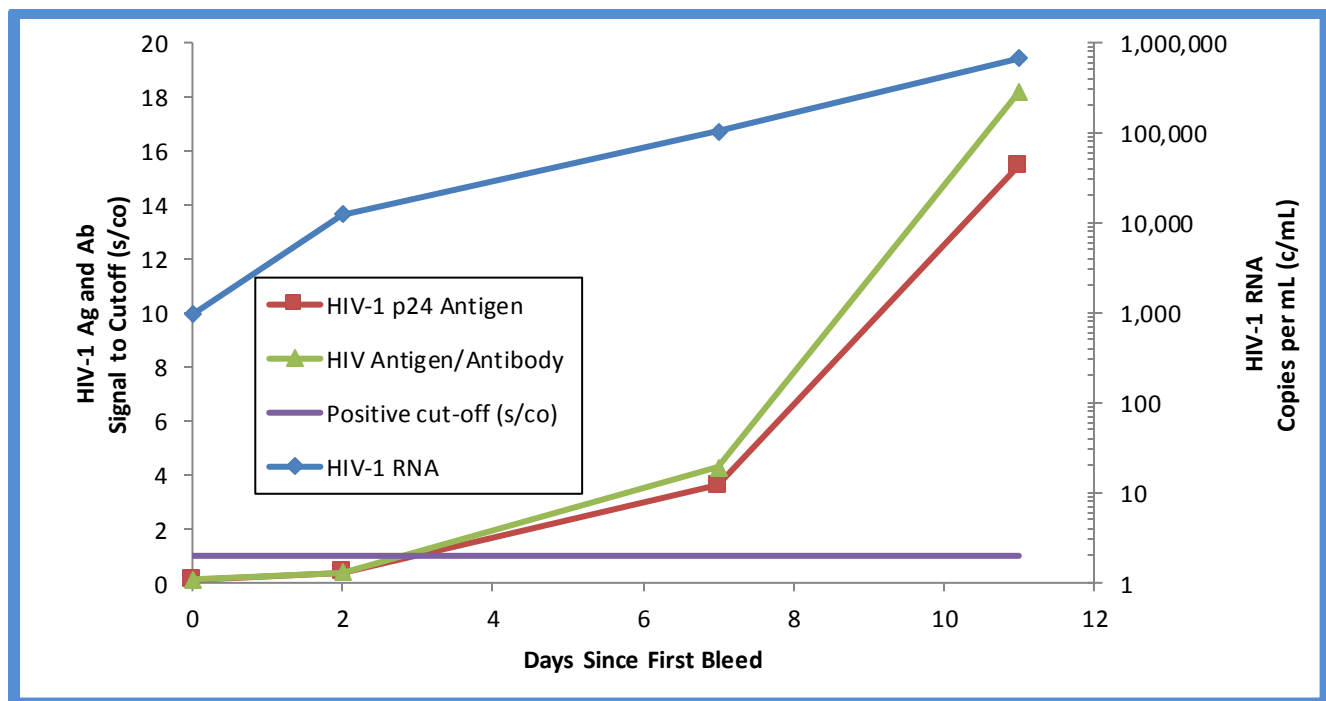
AccuVert™ HIV-1 Seroconversion Panel PRB973 (0600-0256) is a 4-member panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.2 mL per vial). Panel members represent serial bleeds collected from a single individual over the course of 11 days during the development of an HIV infection 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 each panel member. This panel of human plasma samples demonstrates a change in expression from negative to positive for HIV-1 antigen and antibodies 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. 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 positive for markers of HIV infection and 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 Roche COBAS® AmpliPrep/COBAS® TaqMan® (HIV-1 RNA), Perkin Elmer (HIV-1 p24 Antigen), Abbott Alinity i (HIV Antigen/Antibody) test methods.

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Panel Member Information

Panel Member	SeraCare Batch #	SeraCare Donor ID #	Fiebig Stage ¹	Bleed Date	Days Since 1 st Bleed
01	9252540	BD110950	I	06-Jun-2000	0
02	9253077	BD110950	I	08-Jun-2000	2
03	9252541	BD110950	II	13-Jun-2000	7
04	9253078	BD110950	III/IV	17-Jun-2000	11

¹Fiebig stages are categories that define phases of early HIV infection. See Fiebig EW, 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 HY, et al. Modeling sequence evolution in acute HIV-1 infection. JTB 2009, 261:341-360.

HIV RNA and HIV Antigen

Panel Member	Roche COBAS® AmpliPrep / COBAS® TaqMan® HIV-1 Test, v2.0 (c/mL) ¹	PerkinElmer HIV-1 p24 ELISA (S/CO) ²
01	955	0.11
02	12,336	0.37
03	102,013	3.62
04	664,267	15.45
Test Date	22-Jun-2021	22-Jun-2021
Test Site	RL	SC
Kit Part Code	NA	NEK050B
Kit Lot No.	G17518	990-21062
Kit Exp. Date	30-Nov-2021	01-Feb-2022

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

²Results 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

Panel Member	Abbott ARCHITECT HIV Ag/Ab Combo (S/CO) ¹	Abbott Alinity i HIV Ag/Ab Combo (S/CO) ¹	Roche cobas® Elecsys HIV Combi PT (COI) ¹
01	0.13	0.13	0.18
02	0.42	0.38	0.35
03	4.62	4.28	2.95
04	21.91	18.17	14.80
Test Date	21-Jun-2021	18-Jun-2021	25-Jun-2021
Test Site	SC	RL	RL
Kit Part Code	2P36	NA	NA
Kit Lot No.	25659BE00	27470BE00	NA
Kit Exp. Date	12-Nov-2021	10-Dec-2021	NA

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

HIV Antibody and Rapid Tests

Panel Member	Bio-Rad GS HIV-1 / HIV-2 PLUS O EIA (S/CO) ¹	OraQuick ADVANCE® Rapid HIV-1/2 Antibody Test (Result)	Alere Determine™ HIV-1/2 Ag/Ab Combo HIV-1 Antigen (Result)	Alere Determine™ HIV-1/2 Ag/Ab Combo HIV-1 Antibody (Result)
01	0.13	Neg	Neg	Neg
02	0.09	Neg	Neg	Neg
03	0.10	Neg	Neg	Neg
04	5.52	Neg	Pos*	Pos*
Test Date	18-Jun-2021	17-Jun-2021	17-Jun-2021	
Test Site	SC	SC	SC	
Kit Part Code	32588	1001.0079	7D2648	
Kit Lot No.	174QBB-05	0006678782	157981	
Kit Exp. Date	31-Aug-2021	30-Nov-2022	04-Aug-2022	

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

*weak band.

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