AccuVert™ HIV-1 Seroconversion Panel

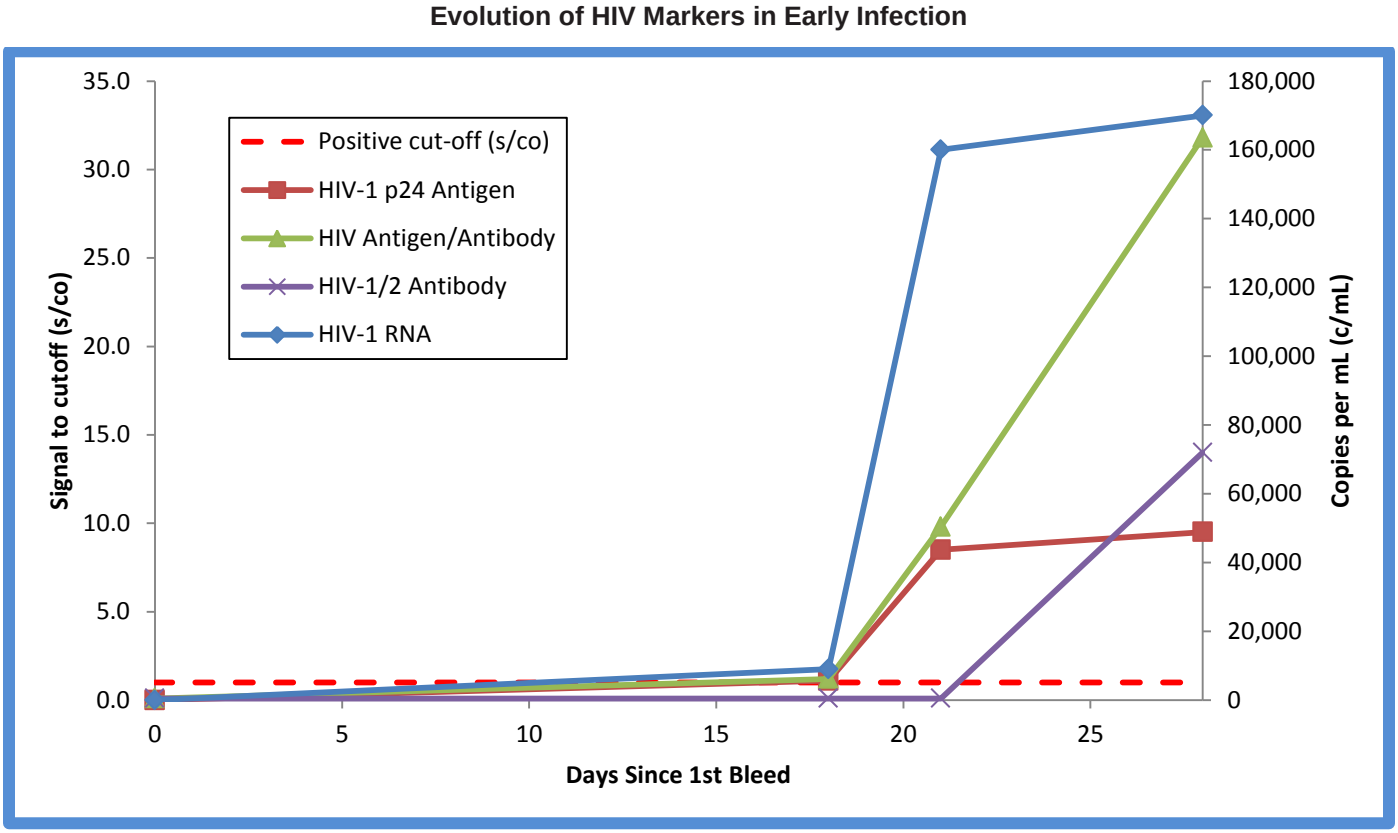
PRB950 (0600-0232) / Batch #10336926

OVERVIEW

AccuVert™ HIV-1 Seroconversion Panel PRB950 (0600-0232) / Batch #10336926 is a 4-member panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.0 mL) collected in the United States from an HIV-1 subtype B donor. Panel members represent serial bleeds collected from a single individual over 28 days in 1997 during the development of an HIV infection and subsequent response.

For Research Use Only. Not for use in diagnostic procedures. Data are offered for informational purposes only. SeraCare Life Sciences does not claim these results can be duplicated 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.



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), Bio-Rad Genetic Systems HIV-1/2 PLUS O EIA (HIV-1/2 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 1st Bleed
01	10000561	NA	17-Jun-1997	0
02	10000562	NA	05-Jul-1997	18
03	10000563	NA	08-Jul-1997	21
04	10000564	NA	15-Jul-1997	28

NA = Not Available

HIV RNA, HIV Antigen and HIV Antigen/Antibody

Panel Member	Roche COBAS® AmpliPrep/Cobas® TaqMan® HIV-1 Test v2.0 (c/mL)[1]	Perkin Elmer HIV-1 p24 ELISA (s/co)[2,3]	Roche Elecsys HIV combi PT (s/co)[2,3]
01	TND	0.0	0.2
02	**9.0×10^3**	**1.1[A]**	**1.0**
03	**1.6×10^5**	**8.5**	**8.2**
04	**1.7×10^5**	**9.5**	**103.0**
Test Date	19-Apr-2018	18-Apr-2018 27-Apr-2018[A]	26-Apr-2018
Test Site	RL	SC	RL
Kit Part Code	NA	NEK050A	NA
Kit Lot No.	NA	990-18102	NA
Kit Exp. Date	NA	01-Nov-2018	NA
Kit Regulatory Status	IVD/CE	RUO	IVD

[1]Results are reported as copies per mL (c/mL); positive/reactive results are noted in bold red.
[2]Results are reported as a signal to cutoff ratio (s/co); positive/reactive results are noted in bold red.
[3]Results are reported as the mean result of duplicate testing.
[A]Panel Member #2 was tested on a different date from Panel Members #1, #3 and #4.
RL = Reference Lab; SC = SeraCare; NA = Not Available; TND = Target Not Detected
IVD = In Vitro Diagnostic; CE = Conformité Européenne or CE Marking; RUO = Research Use Only

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HIV Antigen/Antibody and HIV Antibody

Panel Member	Abbott ARCHITECT HIV Ag/Ab Combo (s/co)[1,2]	Abbott PRISM HIV O Plus (s/co)[1,2]	Bio-Rad Genetic Systems HIV-1/HIV-2 PLUS O EIA (s/co)[1,2]
01	0.1	0.4	0.1
02	**1.2**	0.3	0.1
03	**9.8**	0.3	0.1
04	**31.8**	**75.3**	**>14.0**
Test Date	19-Apr-2018	18-Apr-2018	17-Apr-2018
Test Site	SC	RL	SC
Kit Part Code	2P36	NA	32588
Kit Lot No.	78484LI00	NA	153MBB-05
Kit Exp. Date	29-Apr-2018	NA	31-Jul-2018
Kit Regulatory Status	IVD/CE	IVD/CE	IVD

[1]Results are reported as a signal to cutoff ratio (s/co); positive/reactive results are noted in bold red.
[2]Results are reported as the mean result of duplicate testing.
RL = Reference Lab; SC = SeraCare; NA = Not Available
IVD = In Vitro Diagnostic; CE = Conformité Européenne or CE Marking

HIV Rapid Test[1]

Panel Member	Alere Determine HIV-1/2 Antigen	Alere Determine HIV-1/2 Antibody	OraSure OraQuick ADVANCE Rapid HIV-1/2 Antibody Test	Trinity Biotech Uni-Gold HIV
01	NEG	NEG	NEG	NEG
02	NEG	NEG	NEG	NEG
03	**POS**	NEG	NEG	NEG
04	**POS**	**POS**	NEG	**POS**
Test Date	18-Apr-2018		18-Apr-2018	18-Apr-2018
Test Site	SC		SC	SC
Kit Part Code	7D2648		1001.0079	1206506
Kit Lot No.	170503		0006662071	H205004
Kit Exp. Date	18-Oct-2018		31-Mar-2020	06-Jul-2018
Kit Regulatory Status	IVD		IVD/CE	IVD

[1]Positive/reactive results are noted in bold red.
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.

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.