

HIV-1 AccuVert™

Seroconversion Panel

0600-0248 (PRB966) / Batch #10153376

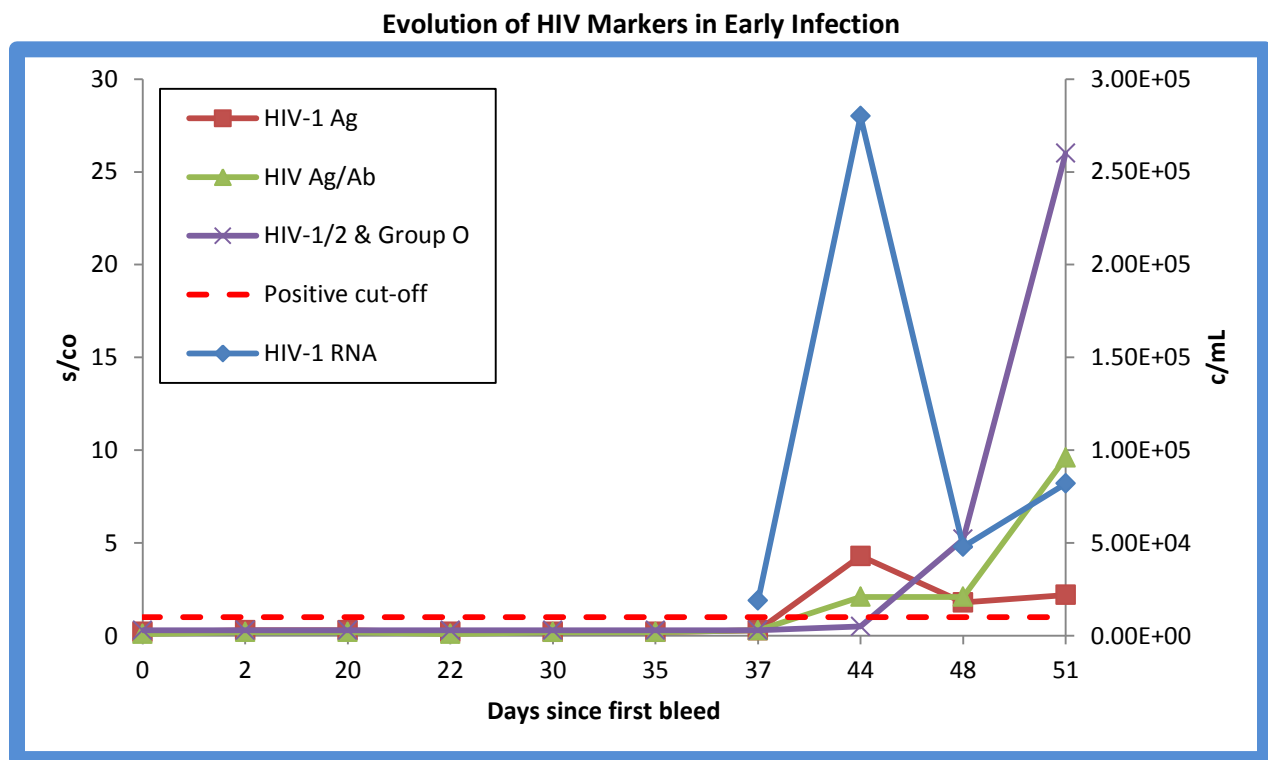
OVERVIEW

HIV-1 AccuVert™ Seroconversion Panel 0600-0248 (PRB966) is a 10-member panel of undiluted, naturally occurring plasma samples. Panel members represent serial bleeds collected from a single patient over the course of 51 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-1 RNA, antigen, and antibody 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 analytes during the development and progression of an HIV infection. All results were generated using commercially available tests performed at SeraCare or recognized reference laboratories (RL) by individuals who routinely use these procedures.

For Research Use Only. Not for use in diagnostic procedures. Data are provided for informational purposes. SeraCare Life Sciences does not claim that others can duplicate test results exactly.

CAUTION: Potentially infectious materials. Follow Universal Precautions. Panel members were found positive for markers of HIV infection; all were found negative for HBsAg, HBV DNA, anti-HCV and HCV RNA.



This graph demonstrates the evolution of early HIV infection, illustrated with test results over time for different analytes or analyte combinations. Assays displayed are Roche Standard HIV-1 RNA, Beckman Coulter HIV-1 Ag ELISA, Abbott ARCHITECT HIV Ag/Ab combo and the Abbott PRISM HIV-1/2 & group O.

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Panel Member Information

Panel Member	SeraCare Batch #	SeraCare Donor ID	Bleed Date	Days Since 1 st Bleed
01	BM217089	BD216193	04-Oct-2006	0
02	BM217090	BD216193	06-Oct-2006	2
03	BM217091	BD216193	24-Oct-2006	20
04	BM217092	BD216193	26-Oct-2006	22
05	BM217093	BD216193	03-Nov-2006	30
06	BM217094	BD216193	08-Nov-2006	35
07	BM217095	BD216193	10-Nov-2006	37
08	BM217096	BD216193	17-Nov-2006	44
09	BM217097	BD216193	21-Nov-2006	48
10	BM217098	BD216193	24-Nov-2006	51

HIV-1 RNA

Panel Member	Roche Ultra Sensitive HIV-1 RNA (copies/mL) ¹	Roche Standard HIV-1 RNA (copies/mL) ¹
01	<50	NT
02	<50	NT
03	<50	NT
04	<50	NT
05	<50	NT
06	3.4 x 10²	NT
07	NT	1.9 x 10³
08	NT	2.8 x 10⁵
09	NT	4.8 x 10⁴
10	NT	8.2 x 10⁴
Test Date	16-Aug-2007	24-Aug-2007
Test Site	SeraCare	SeraCare
Kit Part Code	21118560018	21118560018
Kit Lot No.	J00667	J00667
Kit Exp. Date	Mar-2008	Mar-2008

¹Results in bold red are considered reactive.

NT = not tested

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HIV-1 Antigen & Confirmatory

Panel Member	Beckman Coulter ELISA HIV-1 Ag (s/co) ¹	Perkin Elmer ELISA HIV-1 Ag (s/co) ¹	Zeptomatrix ELISA HIV-1 Ag (s/co) ¹	Roche Elecys HIV-1 Ag (s/co) ¹	OraSure Rapid HIV-1 (Result)	Maxim Western Blot HIV-1 ² Band Pattern	Result
01	0.2	0.1	0.0	0.2	NEG	No Bands	NEG
02	0.3	0.1	0.0	0.2	NEG	No Bands	NEG
03	0.3	0.2	0.0	0.2	NEG	No Bands	NEG
04	0.2	0.1	0.0	0.2	NEG	No Bands	NEG
05	0.2	0.0	0.1	0.3	NEG	No Bands	NEG
06	0.2	0.1	0.0	0.2	NEG	No Bands	NEG
07	0.3	0.2	0.0	0.3	NEG	No Bands	NEG
08	4.3	4.8	1.2	2.6	NEG	No Bands	NEG
09	1.8	1.7	0.1	0.8	NEG	No Bands	NEG
10	2.2	2.1	0.0	1.3	NEG	No Bands	NEG
Test Date	04-Apr-2007	01-Aug-2007	03-Aug-2007	23-May-2007	02-Aug-2007	07-Aug-2007	
Test Site	SeraCare	SeraCare	SeraCare	RL	SeraCare	SeraCare	
Kit Part Code	626391	NEK 050A	801111	NA	6341	98002	
Kit Lot No.	2066F514	404721	303199	176936-01	6601644	A7292-015	
Kit Exp. Date	18-Apr-2007	04-Mar-2008	18-Jan-2008	Aug-2007	30-Sep-2007	19-Oct-2007	

¹EIA results are expressed as signal to cutoff ratios (s/co). Ratios ≥ 1.0 are considered reactive and noted in bold red.²Formerly Calypte - Cambridge Biotech Western Blot

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HIV-1 Ag/Ab

Panel Member	Abbott ARCHITECT HIV Ag/Ab Combo (s/co) ¹	Abbott AxSym HIV Ag/Ab Combo (s/co) ¹	Abbott PRISM HIV Ag/Ab Combo (s/co) ¹	Dade Behring Enzygnost Integral II HIV Ag/Ab (s/co) ¹	Roche Elecys Combination HIV Ag/Ab (s/co) ¹	Abbott Murex Combination HIV Ag/Ab (s/co) ¹
01	0.1	0.4	0.1	0.1	0.3	0.3
02	0.2	0.4	0.1	0.1	0.3	0.3
03	0.2	0.5	0.1	0.1	0.3	0.3
04	0.1	0.4	0.1	0.1	0.3	0.3
05	0.2	0.4	0.1	0.1	0.3	0.3
06	0.2	0.4	0.1	0.1	0.3	0.3
07	0.3	0.4	0.1	0.1	0.3	0.3
08	2.1	1.0	1.1	2.0	0.6	1.9
09	2.1	2.5	1.4	0.8	2.0	4.0
10	9.6	12.4	3.5	6.2	89.6	15.4
Test Date	10-May-2007	14-May-2007	16-May-2007	24-Jun-2007	23-May-2007	23-May-2007
Test Site	RL	RL	RL	RL	RL	RL
Kit Part Code	NA	NA	NA	NA	NA	NA
Kit Lot No.	52051HN00	52433LU00	52387HN00	36815	178860-01	L000010
Kit Exp. Date	02-Jan-2008	12-Oct-2007	23-Oct-2007	06-Jun-2008	Nov-2007	30-Nov-2007

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HIV-1/2 Antibody & Group O¹

Panel Member	Abbott EIA HIV-1/2 (s/co) ¹	Abbott PRISM HIV O Plus HIV-1/2 gO (s/co) ¹	Abbott AxSym HIV-1/2 gO (s/co) ¹	Siemens ADVIA Centaur enhanced HIV-1/2 gO (s/co) ¹	Abbott Murex HIV 1.2.O HIV-1/2 gO (s/co) ¹
01	0.1	0.3	0.4	0.3	0.3
02	0.1	0.3	0.4	0.3	0.2
03	0.1	0.3	0.4	0.1	0.3
04	0.1	0.3	0.4	0.1	0.3
05	0.1	0.3	0.4	0.2	0.3
06	0.1	0.3	0.4	0.1	0.3
07	0.2	0.3	0.5	0.1	0.3
08	0.5	0.5	0.7	0.9	0.7
09	4.1	5.2	3.3	8.0	4.3
10	>16.9	26.0	15.6	>50	12.8
Test Date	31-Jul-2007	24-May-2007	24-May-2007	25-May-2007	24-May-2007
Test Site	SeraCare	RL	RL	RL	RL
Kit Part Code	3A77	NA	NA	NA	NA
Kit Lot No.	53406M200	52543HN00	50220LU00	96445025	L000710
Kit Exp. Date	27-Sep-2007	08-Jan-2008	17-Oct-2007	19-Mar-2008	28-Feb-2008

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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

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