

OVERVIEW

PRB950 is a four member HIV-1 Seroconversion Panel collected from a single donor over a period of 28 days in 1997. Panel Members are undiluted aliquots from plasma units. No preservatives were added.

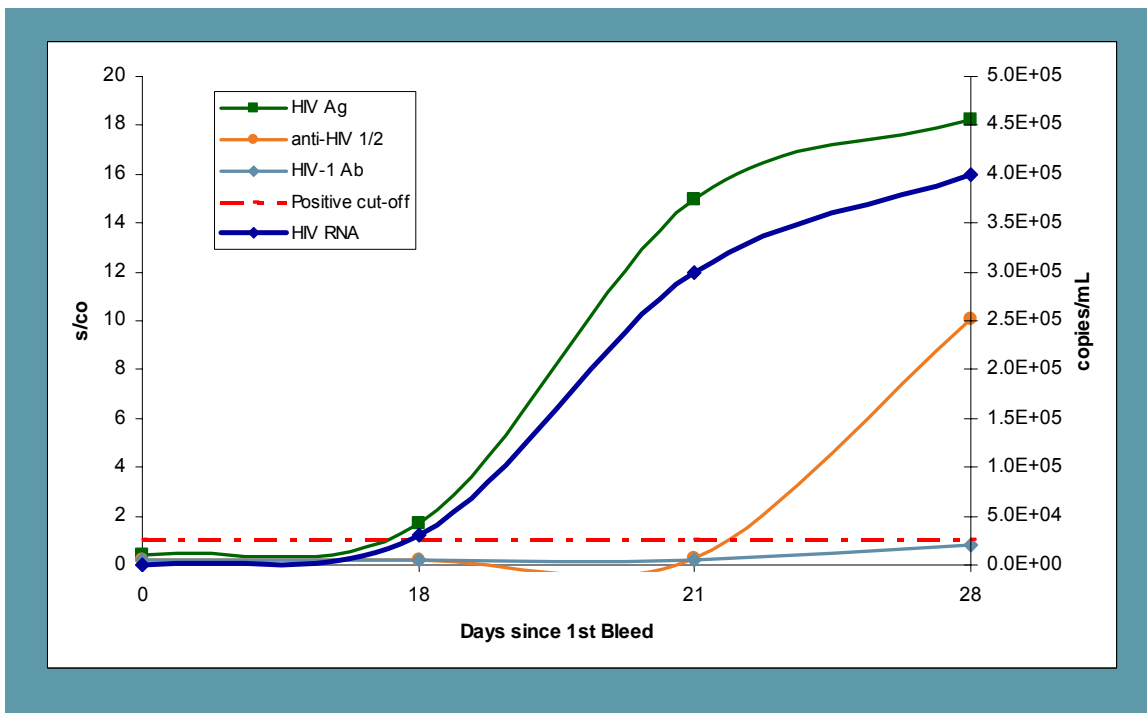
CAUTION: Potentially infectious materials. Follow Universal Precautions. Some panel members were found positive for anti-HIV; all were found negative for HBsAg and anti-HCV.

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.

For assistance, contact SeraCare Technical Support at 508.244.6400.

EVOLUTION OF HIV MARKERS IN EARLY INFECTION



This graph demonstrates the evolution of early HIV infection, illustrated with test results over time for different analytes or analyte combinations.

DATA SHEET

HIV-1/2 Antibody (s/co)¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Abbott HIV 1/2 EIA	Abbott HIV 1/2 Axsym	Abbott 3rd Generation HIV-1/2 rDNA EIA PLUS	Dade Behring Enzygnost Anti-HIV-1/2 PLUS
PRB950-01	17-Jun-97	0	0.2	0.4	0.2	0.1
PRB950-02	05-Jul-97	18	0.2	0.4	0.2	0.1
PRB950-03	08-Jul-97	21	0.2	0.4	0.2	0.1
PRB950-04	15-Jul-97	28	>15.5	17.5	16.4	6.3
Test Date			04-Nov-97	04-Dec-97	08-Dec-97	08-Dec-97
Test Site			SC	RL	RL	RL
Kit Part Code			3A77	9A44	7A8424	OQFK12/13
Kit Lot No.			33859M101	35784LU00	31225HP00	29405
Kit Exp Date			30-Jan-98	03-Jun-98	30-Dec-97	16-Jul-98

¹ Immunoassay results are means of duplicates expressed as signal to cutoff ratios (s/co). Ratios ≥1.0 are considered reactive and noted in red.

HIV-1/2 Antibody (s/co)¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Biotest Anti-HIV-1/2 recombinant	Boehringer Mannheim Anti-HIV-1/2-O Gen. 3	Sanofi Diagnostics Pasteur Genscreen HIV-1/2	Fujirebio Serodia HIV-1/2 ²
PRB950-01	17-Jun-97	0	1.9	0.3	0.4	-/-
PRB950-02	05-Jul-97	18	2.1	0.3	0.5	-/-
PRB950-03	08-Jul-97	21	2.2	0.3	0.4	-/-
PRB950-04	15-Jul-97	28	7.0	13.8	>21.0	+/-
Test Date			28-Nov-97	09-Dec-97	25-Nov-97	01-Dec-97
Test Site			RL	RL	RL	RL
Kit Part Code			807004	1557319	00A1/A2/A3	576063
Kit Lot No.			1270397	190678-01	F219220B	TP70805
Kit Exp Date			10-Dec-97	31-Dec-97	28-Mar-98	31-Aug-98

¹ Immunoassay results are means of duplicates expressed as signal to cutoff ratios (s/co). Ratios ≥1.0 are considered reactive and noted in red.

² Results for this particle agglutination assay are expressed for HIV-1/HIV-2 respectively.

RL = Reference Lab; SC = SeraCare

DATA SHEET

HIV-1/2 Antibody (s/co)¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Genetic Systems HIV-1/2 EIA	Murex ICE HIV 1.O.2	Organon Teknika Uni-form II PLUS	Ortho HIV 1/2 Capture
PRB950-01	17-Jun-97	0	0.1	0.2	0.4	0.0
PRB950-02	05-Jul-97	18	0.1	0.2	0.5	0.0
PRB950-03	08-Jul-97	21	0.1	0.3	0.5	0.0
PRB950-04	15-Jul-97	28	1.2	10.1	7.0	>11.8
Test Date			14-Oct-97	25-Nov-97	25-Nov-97	04-Nov-97
Test Site			SC	RL	RL	SC
Kit Part Code			32542	00A1/A2/A3	84017	932360
Kit Lot No.			202PP1-10	F219220B	97070402	HVK108-5
Kit Exp Date			09-Jun-98	28-Mar-98	28-Jun-98	27-Nov-97

¹ Immunoassay results are means of duplicates expressed as signal to cutoff ratios (s/co). Ratios ≥1.0 are considered reactive and noted in red.

HIV-1 Antibody (s/co)¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Abbott HIV-1 EIA	Genetic Systems HIV-1	Organon Teknika Vironostika [®] HIV-1 EIA
PRB950-01	17-Jun-97	0	0.2	0.1	0.3
PRB950-02	05-Jul-97	18	0.2	0.1	0.3
PRB950-03	08-Jul-97	21	0.2	0.1	0.3
PRB950-04	15-Jul-97	28	0.8	0.1	0.4
Test Date			08-Oct-97	14-Oct-97	18-Oct-97
Test Site			SC	SC	SC
Kit Part Code			3A11	0218-02	59605
Kit Lot No.			31505M101	101PX1-05	138081
Kit Exp Date			30-Oct-97	18-Dec-97	10-Sep-98

¹ Immunoassay results are means of duplicates expressed as signal to cutoff ratios (s/co). Ratios ≥1.0 are considered reactive and noted in red.

RL = Reference Lab; SC = SeraCare

DATA SHEET

HIV-1 RNA (copies/mL)¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Chiron Quantiplex HIV-1 RNA 2.0 bDNA	Organon Teknika HIV-1 NASBA	Roche Amplicor HIV-1 Monitor
PRB950-01	17-Jun-97	0	BLD	BLD	BLD
PRB950-02	05-Jul-97	18	3.0 x 10 ⁴	5.0 x 10 ²	7.0 x 10 ⁴
PRB950-03	08-Jul-97	21	3.0 x 10 ⁵	2.0 x 10 ³	5.0 x 10 ⁵
PRB950-04	15-Jul-97	28	4.0 x 10 ⁵	3.0 x 10 ³	5.0 x 10 ⁵
Test Date			14-Oct-97	13-Oct-97	09-Oct-97
Test Site			SC	SC	SC
Kit Part Code			6002-027	80434	83088
Kit Lot No.			MMG747	97051603	88257
Kit Exp Date			13-Dec-97	31-May-98	30-Nov-97

¹ HIV RNA results are single observations, expressed as RNA copies/mL.

BLD = Below Limit of Detection

HIV Antigen (s/co)¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Abbott HIVAg Monoclonal EIA	COULTER HIV-1 p24 Antigen	DuPont HIV p24 Core Profile ELISA
PRB950-01	17-Jun-97	0	0.5	0.1	0.1
PRB950-02	05-Jul-97	18	0.7	1.5	1.7
PRB950-03	08-Jul-97	21	3.3	19.4	16.8
PRB950-04	15-Jul-97	28	4.1	24.8	20.0
Test Date			08-Oct-97	10-Oct-97	14-Oct-97
Test Site			SC	SC	SC
Kit Part Code			2A81	PN6604535	NEK-050B
Kit Lot No.			31556M101	2067D725	201465
Kit Exp Date			27-Dec-97	04-Dec-97	16-Jan-98

¹ Immunoassay results are means of duplicates expressed as signal to cutoff ratios (s/co). Ratios ≥1.0 are considered reactive and noted in red.

RL = Reference Lab; SC = SeraCare

HIV Antigen (s/co)¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Innogenetics HIV-1 p24 Antigen ELISA	Organon Teknika Nuclisens™ HIV-1 QT	Perkin Elmer HIV-1 p24 Antigen
PRB950-01	17-Jun-97	0	0.3	0.2	0.4
PRB950-02	05-Jul-97	18	2.1	0.5	1.7
PRB950-03	08-Jul-97	21	16.5	4.1	15.0
PRB950-04	15-Jul-97	28	21.2	4.0	18.2
Test Date			07-Nov-97	09-Oct-97	22-Dec-11
Test Site			SC	SC	SC
Kit Part Code			K1048	59464	NEK050A
Kit Lot No.			70329734	D02521D	990-11481
Kit Exp Date			31-Mar-98	12-May-98	01-Oct-12

¹ Immunoassay results are means of duplicates expressed as signal to cutoff ratios (s/co). Ratios ≥1.0 are considered reactive and noted in red.

Anti-HIV-1 Confirmatory¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Bio-Rad Western Blot Band Pattern	Bio-Rad Western Blot Result	Epitope Western Blot Band Pattern	Epitope Western Blot Result
PRB950-01	17-Jun-97	0	No Bands	NEG	No Bands	NEG
PRB950-02	05-Jul-97	18	No Bands	NEG	No Bands	NEG
PRB950-03	08-Jul-97	21	No Bands	NEG	No Bands	NEG
PRB950-04	15-Jul-97	28	No Bands	NEG	No Bands	NEG
Test Date				23-Oct-97		23-Oct-97
Test Site				SC		SC
Kit Part Code				1971101		72827
Kit Lot No.				97110351		M051270
Kit Exp Date				08-Jan-98		31-Mar-98

¹ Western Blots are interpreted using ASTPHLD/CDC criteria (MMWR, vol. 38, S-7, 1989). Faintly staining bands are recorded, but interpreted as indeterminate according to specific manufacturer's instructions.

RL = Reference Lab; SC = SeraCare

Anti-HIV-1 Confirmatory¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Ortho /Cambridge Western Blot Band Pattern	Ortho /Cambridge Western Blot Result	Waldheim IFA
PRB950-01	17-Jun-97	0	No Bands	NEG	NEG
PRB950-02	05-Jul-97	18	No Bands	NEG	NEG
PRB950-03	08-Jul-97	21	No Bands	NEG	NEG
PRB950-04	15-Jul-97	28	No Bands	NEG	POS
Test Date			11-Oct-97		20-Nov-97
Test Site			SC		SC
Kit Part Code			98002		32501
Kit Lot No.			B8098-404		70400K50
Kit Exp Date			08-Apr-98		28-Feb-98

¹ Western Blots are interpreted using ASTPHLD/CDC criteria (MMWR, vol. 38, S-7, 1989). Faintly staining bands are recorded, but interpreted as indeterminate according to specific manufacturer's instructions.

RL = Reference Lab; SC = SeraCare

A printed PI and Data Sheet may be requested by email to info@seracare.com, or by phone to 508.244.6400

ASK ABOUT RELATED SERACARE PRODUCTS

- ACCURUN[®] independent quality controls
- SeraCon[™] and other processed plasma products
- Global Patient Sample (GPS) Program – access to a vast and evolving inventory of single test patient samples