

OVERVIEW

PRB955 is a five member HIV-1 Seroconversion Panel collected from a single donor over a period of 14 days in 1998. Panel members are undiluted aliquots from the plasma units collected. No preservatives were added.

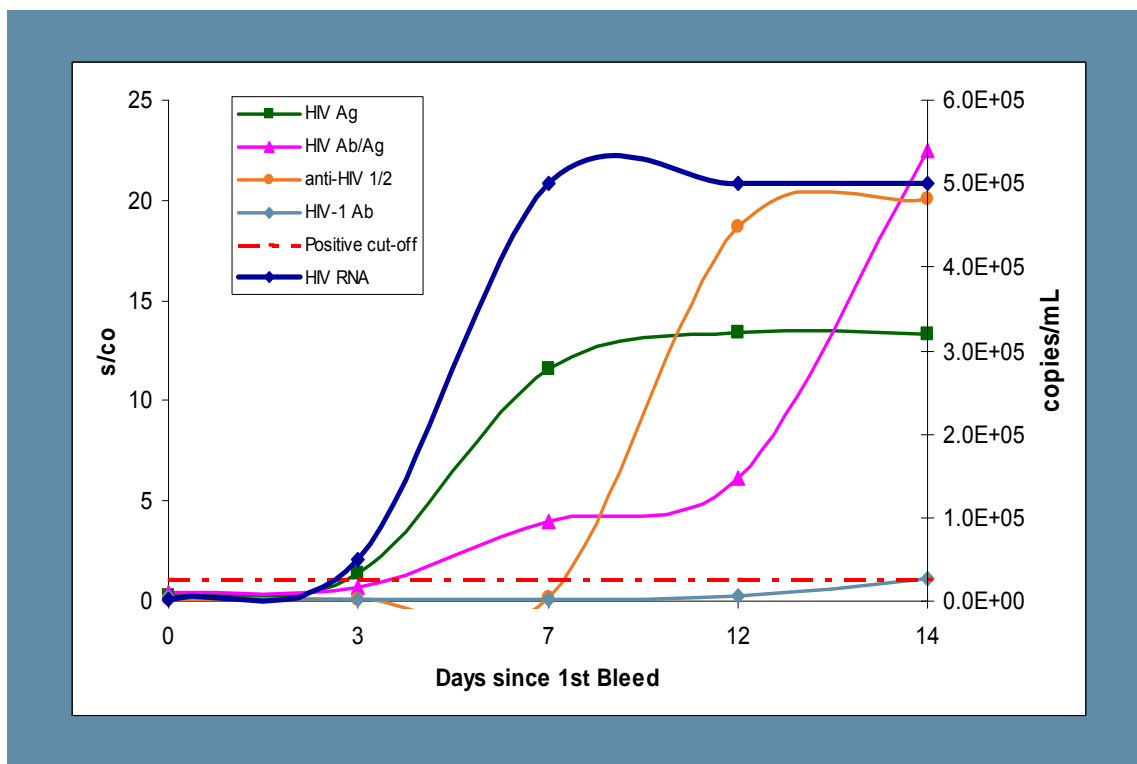
CAUTION: Potentially infectious materials. Follow Universal Precautions. Some panel members were found positive for anti-HIV; all were found negative for HBsAg and anti-HCV.

For Research Use Only. Not for use in diagnostic procedures.

Data are provided for informational purposes. SeraCare Life Sciences does not claim that others can duplicate test results 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.

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 3 rd Generation HIV-1/2 rDNA EIA PLUS	Abbott PRISM HIV-1/2
PRB955-01	06-Jul-98	0	0.1	0.3	0.3	0.3
PRB955-02	09-Jul-98	3	0.1	0.3	0.3	0.3
PRB955-03	13-Jul-98	7	0.2	0.3	0.3	0.5
PRB955-04	18-Jul-98	12	2.6	1.4	1.9	46.1
PRB955-05	20-Jul-98	14	>16.9	5.2	>14.0	95.6
Test Date			25-Jun-99	23-Jul-99	12-Jul-99	21-Jul-99
Test Site			SC	RL	RL	RL
Kit Part Code			3A77	9A44	7A84	4A27
Kit Lot No.			52791M101	52743LU00	52128HP00	50379HP00
Kit Exp. Date			25-Aug-99	03-Oct-99	18-Sep-99	26-Oct-99
Kit Regulatory Status			NA	NA	NA	NA

HIV-1/2 Antibody (s/co)¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Sanofi Diagnostics Pasteur Access HIV-1/2	Sanofi Diagnostics Pasteur Genscreen HIV-1/2	Genetic Systems HIV-1/2	Murex HIV 1.2.0
PRB955-01	06-Jul-98	0	0.3	0.1	0.1	0.3
PRB955-02	09-Jul-98	3	0.4	0.1	0.1	0.3
PRB955-03	13-Jul-98	7	0.4	0.2	0.1	0.5
PRB955-04	18-Jul-98	12	0.4	18.7	0.2	>10.5
PRB955-05	20-Jul-98	14	2.2	>20.1	0.5	>10.5
Test Date			23-Jul-99	22-Jul-99	28-Jun-99	28-Jun-99
Test Site			RL	RL	SC	SC
Kit Part Code			34000	72278	32551	GE94
Kit Lot No.			894647	9D011U	027RP1-05	F786210
Kit Exp. Date			01-Oct-99	31-Mar-00	25-Nov-99	28-Sep-99
Kit Regulatory Status			NA	NA	NA	NA

¹Immunoassay 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-1/2 Antibody (s/co)¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Ortho HIV-1/2 Capture	Ortho Vitros Eci HIV-1/2	Roche DAGS	Sanofi Fujirebio HIV-1/2 PA
PRB955-01	06-Jul-98	0	0.6	0.1	0.1	-
PRB955-02	09-Jul-98	3	0.4	0.1	0.1	-
PRB955-03	13-Jul-98	7	0.5	0.1	0.1	-
PRB955-04	18-Jul-98	12	1.2	0.3	1.0	+
PRB955-05	20-Jul-98	14	9.2	4.8	15.0	++
Test Date			23-Jul-99	21-Jul-99	10-Aug-99	21-Jul-99
Test Site			RL	RL	RL	RL
Kit Part Code			932360	124 1850	756059	71110
Kit Lot No.			HVK126-2	30	B1033	MZ81204
Kit Exp. Date			31-Jul-99	20-Aug-99	30-Apr-00	21-Dec-99
Kit Regulatory Status			NA	NA	NA	NA

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
PRB955-01	06-Jul-98	0	0.2	0.2	0.3
PRB955-02	09-Jul-98	3	0.1	0.2	0.3
PRB955-03	13-Jul-98	7	0.1	0.2	0.3
PRB955-04	18-Jul-98	12	0.3	0.4	0.3
PRB955-05	20-Jul-98	14	1.1	1.4	0.3
Test Date			09-Jul-99	07-Jul-99	01-Jul-99
Test Site			SC	SC	SC
Kit Part Code			3A11	32511	59605
Kit Lot No.			53240M101	282QAA-05	160105
Kit Exp. Date			30-Jul-99	10-Sep-99	04-Apr-00
Kit Regulatory Status			NA	NA	NA

¹Immunoassay 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-1 RNA (copies/mL)²

Panel Member	Bleed Date	Days Since 1 st Bleed	Chiron Quantiplex HIV-1 RNA 3.0 bDNA	Organon Teknika HIV-1 NASBA	Roche Real Time PCR HIV-1
PRB955-01	06-Jul-98	0	3.0 x 10 ³	6.0 x 10 ³	1.0 x 10 ³
PRB955-02	09-Jul-98	3	5.0 x 10 ⁴	4.0 x 10 ⁴	7.0 x 10 ⁴
PRB955-03	13-Jul-98	7	>5.0 x 10 ⁵	6.0 x 10 ⁵	4.0 x 10 ⁵
PRB955-04	18-Jul-98	12	>5.0 x 10 ⁵	8.0 x 10 ⁵	>8.0 x 10 ⁵
PRB955-05	20-Jul-98	14	>5.0 x 10 ⁵	7.0 x 10 ⁵	7.0 x 10 ⁵
Test Date			06-Jul-99	21-Jul-99	14-Jun-99
Test Site			SC	SC	SC
Kit Part Code			116147	84043	83088
Kit Lot No.			Z007A	990214209	88879
Kit Exp. Date			15-Aug-99	28-Feb-00	31-Oct-99
Kit Regulatory Status			NA	NA	NA

HIV Antigen (s/co)¹

Panel Member	Bleed Date	Days Since 1 st Bleed	Abbott HIV Monoclonal EIA	Coulter HIV-1 p24 Antigen	Innogenetics HIV-1 p24 Innotest	Perkin Elmer HIV Ag
PRB955-01	06-Jul-98	0	0.3	0.3	0.3	0.3
PRB955-02	09-Jul-98	3	0.5	1.8	1.6	1.4
PRB955-03	13-Jul-98	7	3.5	14.0	16.8	11.6
PRB955-04	18-Jul-98	12	5.2	22.4	25.0	13.4
PRB955-05	20-Jul-98	14	5.3	21.3	29.0	13.3
Test Date			24-Jun-99	29-Jun-99	01-Jul-99	19-Dec-11
Test Site			SC	SC	SC	SC
Kit Part Code			2A81	6604535	K-1048	NEK050A
Kit Lot No.			52998M201	2068L744	90301289	990-11481
Kit Exp. Date			02-Oct-99	28-Aug-99	31-Jan-00	01-Oct-12
Kit Regulatory Status			NA	NA	NA	NA

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

²HIV RNA results are single observations, expressed as RNA copies/mL.

RL = Reference Lab; SC = SeraCare

HIV Antigen/Antibody (s/co)¹

Panel Member	Bleed Date	Days Since 1 st Bleed	BioMerieux VIDAS DUO	Dade Behring Integral	Organon Teknika Uni-Form II	Roche Enzymun-Test
PRB955-01	06-Jul-98	0	0.4	0.0	0.4	0.1
PRB955-02	09-Jul-98	3	0.7	0.0	0.4	0.3
PRB955-03	13-Jul-98	7	4.0	0.1	0.5	0.5
PRB955-04	18-Jul-98	12	6.1	1.6	1.3	3.5
PRB955-05	20-Jul-98	14	22.5	6.2	>15.2	34.4
Test Date			23-Jul-99	19-Jul-99	23-Jul-99	13-Jul-99
Test Site			RL	RL	RL	RL
Kit Part Code			30114	OQTO 11	84138	1877631
Kit Lot No.			723488201	30882	99040703	19853601
Kit Exp. Date			03-Sep-99	11-Sep-99	31-Jan-00	31-Jan-01
Kit Regulatory Status			NA	NA	NA	NA

Anti-HIV-1 Confirmatory³

Panel Member	Bleed Date	Days Since 1 st Bleed	Cambridge Biotech Western Blot Band Pattern	Cambridge Biotech Western Blot Result
PRB955-01	06-Jul-98	0	f24	IND
PRB955-02	09-Jul-98	3	f24	IND
PRB955-03	13-Jul-98	7	f24	IND
PRB955-04	18-Jul-98	12	f24	IND
PRB955-05	20-Jul-98	14	24	IND
Test Date				02-Jul-99
Test Site				SC
Kit Part Code				98002
Kit Lot No.				A9302-190
Kit Exp. Date				29-Oct-99
Kit Regulatory Status				NA

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

³Western 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; IND = indeterminate

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

The Product Insert for this panel in PDF form can be found at www.seracarecatalog.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

