

AccuVert™ HIV-1 Seroconversion Panel

0600-0270 / Batch #10285738

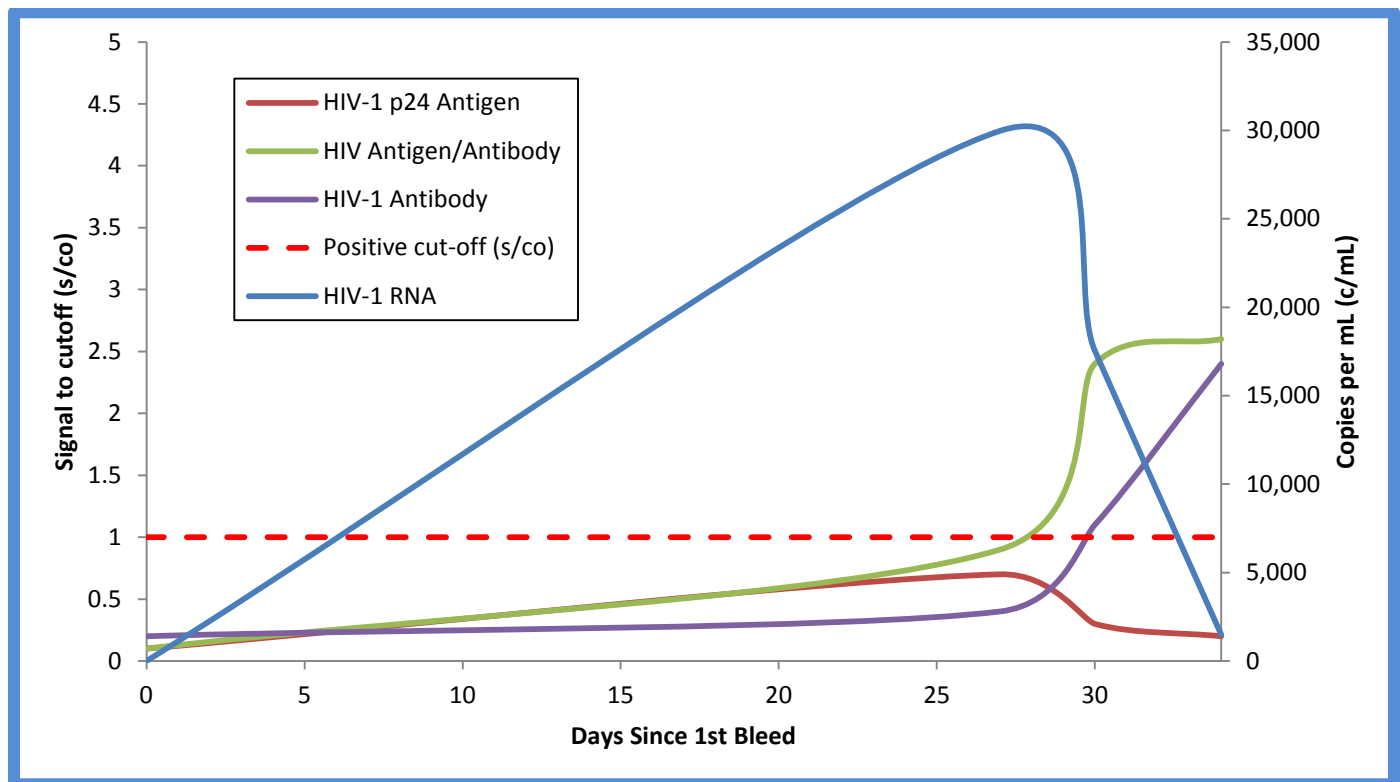
OVERVIEW

AccuVert™ HIV-1 Seroconversion Panel 0600-0270 / Batch #10285738 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 34 days in 2014 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.

Evolution of HIV Markers in Early Infection



This graph demonstrates the evolution of early HIV infection amongst panel members from the Perkin Elmer (HIV-1 p24 Antigen), Abbott ARCHITECT (HIV Antigen/Antibody), Avioq HIV-1 microelisa (HIV-1 Antibody) and Roche COBAS (HIV-1 RNA) test methods.

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Panel Member Information

Panel Member	SeraCare Batch #	Donor ID	Bleed Date	Days Since 1 st Bleed
01	10266874	BD328444	29-Jan-2014	0
02	10266875	BD328444	25-Feb-2014	27
03	10266876	BD328444	28-Feb-2014	30
04	10266877	BD328444	04-Mar-2014	34

HIV RNA and HIV Antigen

Panel Member	Roche COBAS® AmpliPrep COBAS® TaqMan HIV-1 Test v2.0 (copies/mL) ¹	Perkin Elmer Alliance HIV-1 p24 Ag ELISA (s/co) ²
01	TND	0.1
02	3.0 x 10⁴	0.7
03	1.8 x 10⁴	0.3
04	1.5 x 10³	0.2
Test Date	06-Oct-2017	16-Oct-2017
Test Site	RL	SC
Kit Part Code	NA	NEK050A
Kit Lot No.	NA	990-17312
Kit Exp. Date	NA	01-Apr-2018
Kit Regulatory Status	IVD	RUO

¹ Quantitative HIV RNA results are the means of duplicates expressed as copies/mL. Members considered reactive are noted in bold red.

² Immunoassay results are means of duplicates expressed as signal to cutoff ratios (s/co). Ratios ≥1.0 are considered reactive and noted in bold red.

TND = Target not detected <20 c/mL; NA = Not Available

RL = Reference Lab; SC = SeraCare

IVD = In vitro diagnostic use; RUO = Research Use Only

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HIV Antigen/Antibody, HIV Antibody and HIV Rapid Test

Panel Member	Abbott HIV Ag/Ab ARCHITECT Combo (s/co) ¹	Bio-Rad GS HIV-1/HIV-2 PLUS O EIA (s/co) ¹	Avioq HIV-1 Microelisa System (s/co) ¹	Orasure OraQuick Advance HIV-1/2 Result
01	0.1	0.1	0.2	NEG
02	0.9	0.1	0.4	NEG
03	2.4	4.7	1.1	NEG
04	2.6	6.3	2.4	POS
Test Date	04-Oct-2017	05-Oct-2017	13-Oct-2017	06-Oct-2017
Test Site	SC	SC	SC	SC
Kit Part Code	2P36	32588	100384	1001.0079
Kit Lot No.	76126LI00	112MBB-05	17114H	0006659684
Kit Exp. Date	07-Feb-2018	30-Nov-2017	06-May-2018	30-Nov-2019
Kit Regulatory Status	CE	IVD	IVD	IVD

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

SC = SeraCare

CE = Conformité Européenne or CE Marking; IVD = In vitro diagnostic use

HIV Confirmatory

Panel Member	Bio-Rad Genetic Systems™ HIV-1 Western Blot Band Pattern	Bio-Rad Genetic Systems™ HIV-1 Western Blot Band Result	Bio-Rad Genius™ HIV 1/2 Confirmatory Assay (HIV-1)	Bio-Rad Genius™ HIV 1/2 Confirmatory Assay (HIV-2)
01	No bands	NEG	NEG	NEG
02	No bands	NEG	NEG	NEG
03	No bands	NEG	NEG	NEG
04	24	IND	IND	NEG
Test Date	10-Oct-2017		05-Oct-2017	
Test Site	SC		RL	
Kit Part Code	32508		NA	
Kit Lot No.	64080031		7B0021	
Kit Exp. Date	22-Nov-2017		15-Jan-2019	
Kit Regulatory Status	IVD		IVD/CE	

NEG = Negative; IND = Indeterminate; NA = Not Available

RL = Reference Lab; SC = SeraCare

CE = Conformité Européenne or CE Marking

IVD = In vitro diagnostic use

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.