

AccuVert™ HIV-1 Seroconversion Panel

0600-0272 / Batch #10285740

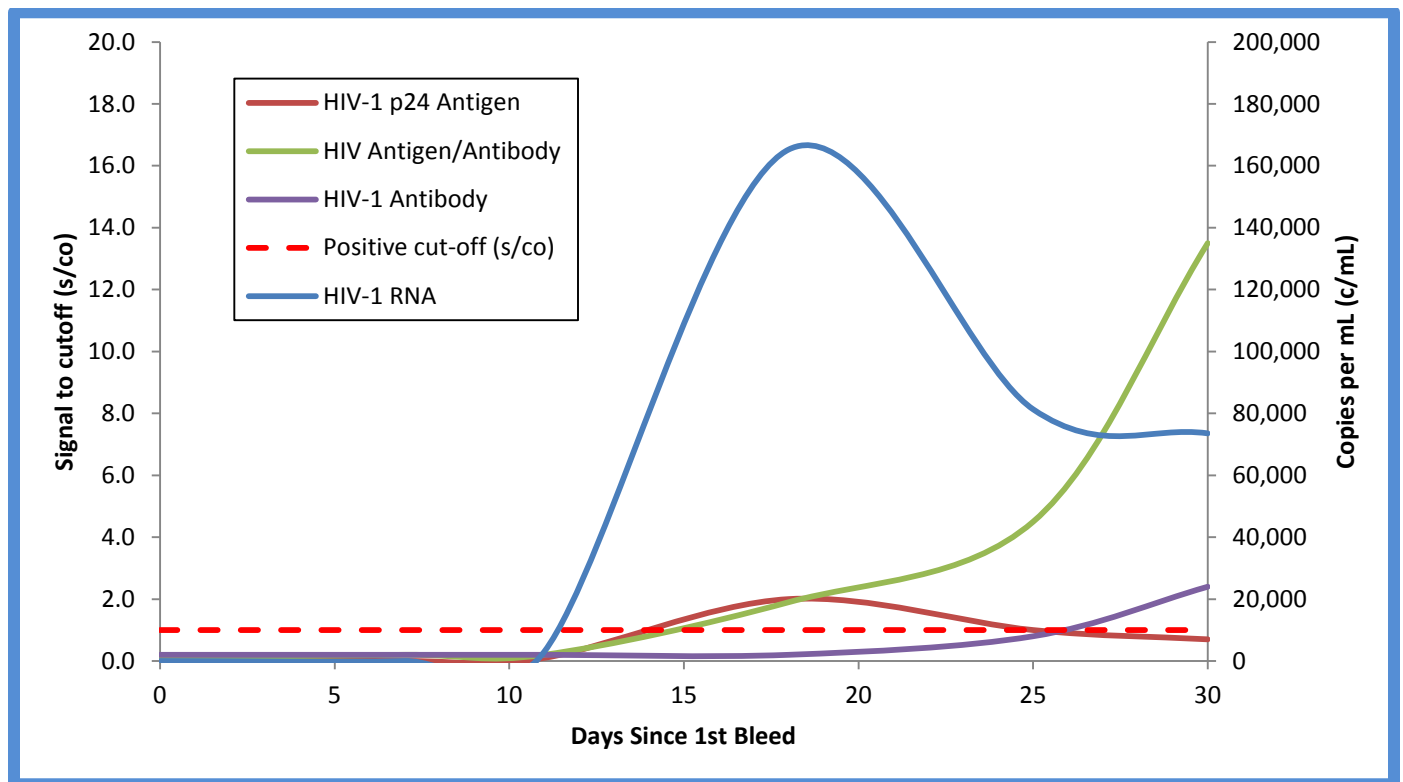
OVERVIEW

AccuVert™ HIV-1 Seroconversion Panel 0600-0272 / Batch #10285740 is a 6-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 30 days in 2015 and 2016 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	10266940	BD328472	19-Dec-2015	0
02	10266941	BD328472	26-Dec-2015	7
03	10266942	BD328472	30-Dec-2015	11
04	10266943	BD328472	6-Jan-2016	18
05	10266944	BD328472	13-Jan-2016	25
06	10266945	BD328472	18-Jan-2016	30

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	BLD	0.0
03	3.0 x 10³	0.1
04	1.7 x 10⁵	2.0
05	8.1 x 10⁴	1.0
06	7.4 x 10⁴	0.7
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; BLD = below limit of detection; 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	0.4	0.2	NEG
02	0.2	0.1	0.2	NEG
03	0.2	0.1	0.2	NEG
04	1.9	0.1	0.2	NEG
05	4.5	>14.184	0.8	NEG
06	13.5	>14.184	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

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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 Geenius™ HIV 1/2 Confirmatory Assay (HIV-1)	Bio-Rad Geenius™ 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	No Bands	NEG	NEG	NEG
05	24, f51	IND	NEG	NEG
06	24, f31, 51, f160	IND	POS	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	

f = Faint band

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

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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.