

AccuVert™ HIV-1 Seroconversion Panel

0600-0270 / Batch #10662463

OVERVIEW

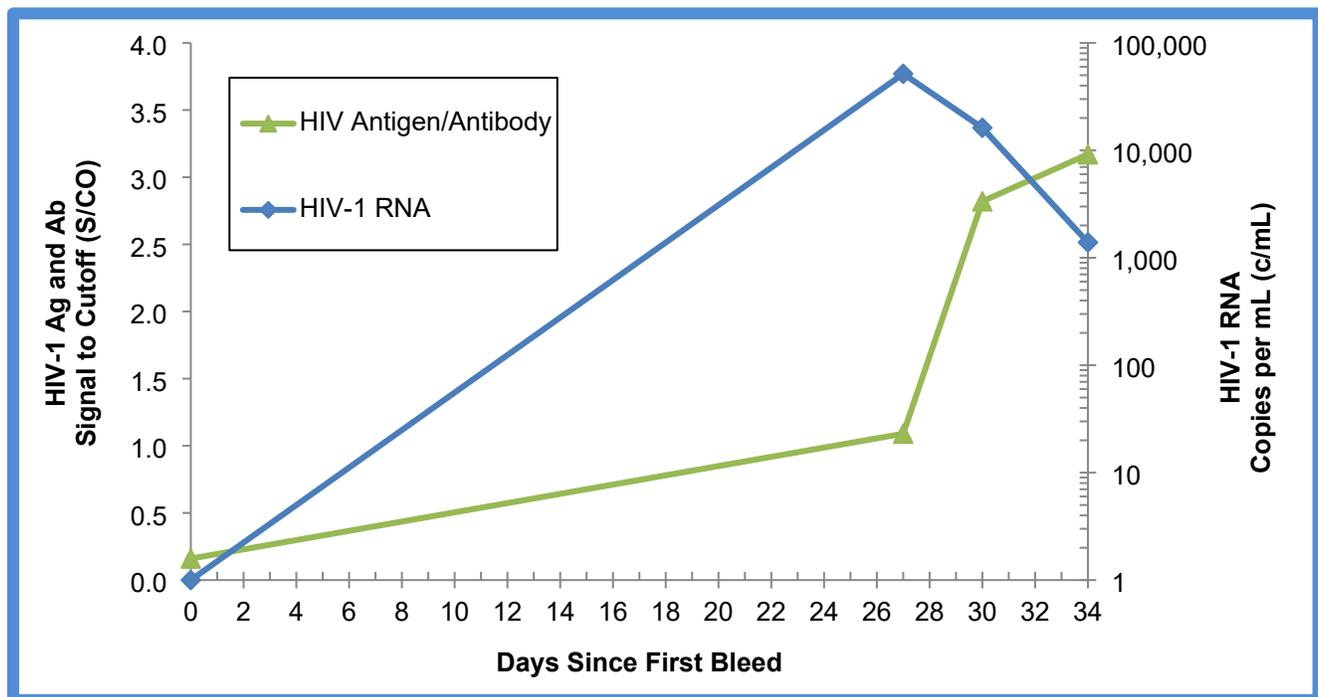
AccuVert™ HIV-1 Seroconversion Panel 0600-0270 / Batch #10662463 is a 4-member panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.0 mL per vial) collected in the United States from an HIV-1 subtype B donor. Panel members represent serial bleeds collected from a single individual over the course of 34 days in 2014 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 assays are included for characterization of the panel members. This panel of human plasma samples demonstrates a change in expression from negative to positive for some HIV-1 analytes during the development and progression of an HIV infection.

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

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This graph demonstrates the evolution of early HIV infection amongst panel members from the Abbott ARCHITECT (HIV-1 Antigen/Antibody) and Roche cobas® (HIV-1 RNA) test methods.

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Panel Member Information

Panel Member	SeraCare Batch #	SeraCare 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 Assays

Panel Member	Roche cobas® 6800/8800 HIV-1 RNA (copies/mL) ¹	PerkinElmer HIV-1 p24 ELISA (S/CO) ¹
01	TND	0.07
02	5.16 x 10⁴	0.88
03	1.62 x 10⁴	0.49
04	1.39 x 10³	0.30
Test Date	29-Apr-2023	01-May-2023
Test Site	RL	LGC
Kit Part Code	NA	NEK050A
Kit Lot No.	NA	990-22272
Kit Exp. Date	NA	01-May-2023

¹Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.
TND = Target Not Detected; RL = Reference Lab; LGC = LGC Clinical Diagnostics
NA = Not Available

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HIV Antigen/Antibody Assays

Panel Member	Abbott ARCHITECT HIV Ag/Ab Combo (S/CO) ¹	Abbott Alinity s HIV Ag/Ab Combo (S/CO) ¹	Roche cobas® Elecsys HIV combi PT (COI) ¹	Bio-Rad GS HIV-1/HIV-2 PLUS O EIA (S/CO) ¹
01	0.16	0.08	0.25	0.10
02	1.09	0.89	0.59	0.19
03	2.82	2.48	2.37	6.31
04	3.17	3.00	7.95	8.43
Test Date	26-Apr-2023	26-Apr-2023	17-May-2023	28-Apr-2023
Test Site	LGC	RL	RL	LGC
Kit Part Code	2P36	NA	NA	32588
Kit Lot No.	48531BE00	47469BE00	NA	192TBB-05
Kit Exp. Date	11-Sep-2023	28-Nov-2023	NA	30-Jun-2023

¹Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.
LGC = LGC Clinical Diagnostics; RL = Reference Lab; NA = Not Available

HIV Rapid Test

Panel Member	Alere Determine™ HIV-1/2 Ag/Ab Combo ¹	
	HIV Ag	HIV Ab
01	NEG	NEG
02	NEG	NEG
03	NEG	POS
04	NEG	POS
Test Date	27-Apr-2023	
Test Site	LGC	
Kit Part Code	7D2648	
Kit Lot No.	235354	
Kit Exp. Date	28-Oct-2024	

¹Results are reported as singlicate testing; positive/reactive results are noted in bold red.
LGC = LGC Clinical Diagnostics; POS = Positive; NEG = Negative

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HIV Confirmatory Assay

Bio-Rad Genetic Systems™ HIV-1 Western Blot¹

Panel Member	Band Pattern	Interpretation
01	No band	NEG
02	No band	NEG
03	24 (+/-)	IND
04	24 (+/-), 55 (+/-)	IND
Test Date	23-May-2023	
Test Site	LGC	
Kit Part Code	32508	
Kit Lot No.	64492796	
Kit Exp. Date	31-May-2023	

¹Results are reported as singlicate testing.
LGC = LGC Clinical Diagnostics
NEG = Negative; IND = Indeterminate

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 CDx-Info@LGCGroup.com or by phone at 508.244.6400.