

AccuVert™ Hepatitis A (HAV) Seroconversion Panel

0615-0026 / Batch #10026415

OVERVIEW

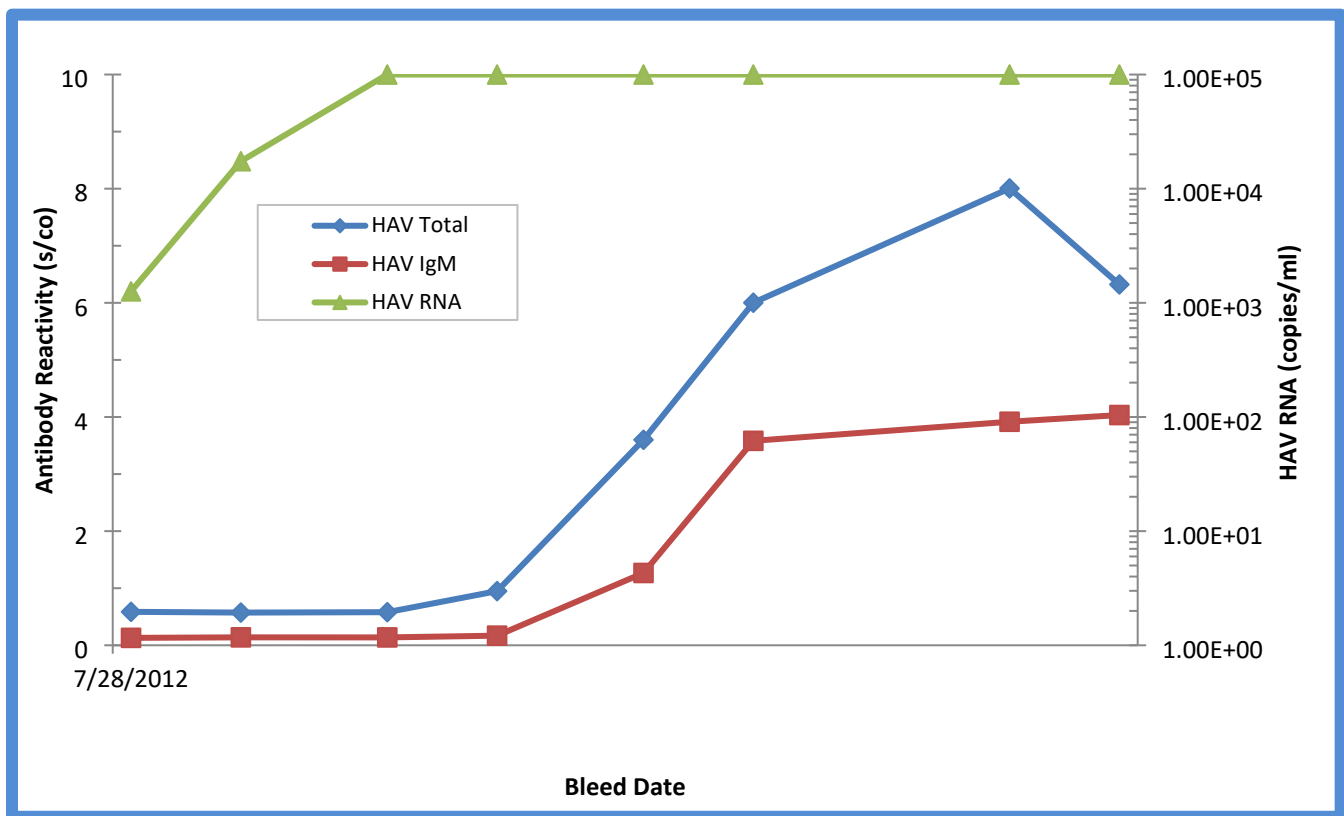
AccuVert™ Hepatitis A (HAV) Seroconversion Panel 0615-0026 / Batch #10026415 is an 8-member panel of undiluted, naturally occurring plasma samples. Panel members represent serial bleeds collected from a single patient over the course of 27 days during the development of HAV infection and subsequent response. No preservatives were added.

Test results from commercially-available HAV antibody assays are included for characterization of the panel members. This panel of human plasma samples is positive for HAV RNA and demonstrates a change in expression from negative to positive for HAV antibody during the development and progression of HAV infection.

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

CAUTION: Potentially infectious materials. Follow Universal Precautions. All panel members were found negative for HBsAg, anti-HIV, and anti-HCV.

Expression of Hepatitis A (HAV) Markers during Progression of Infection



This graph demonstrates the development and progression of an early HAV infection from a single individual. HAV antibody reactivity is measured with Abbott AxSYM HAV total antibody and IgM antibody test results. HAV RNA is measured with quantitative real-time PCR analysis.

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Panel Member Information

Panel Member	SeraCare Donor ID #	Bleed Date	Days Since 1 st Bleed
01	BD111449	28-Jul-2012	0
02	BD111449	31-Jul-2012	3
03	BD111449	04-Aug-2012	7
04	BD111449	07-Aug-2012	10
05	BD111449	11-Aug-2012	14
06	BD111449	14-Aug-2012	17
07	BD111449	21-Aug-2012	24
08	BD111449	24-Aug-2012	27

HAV RNA¹

Panel Member	RNA Hepatitis A Virus (Copies/mL)	NGI SuperCycle™ HAV and Parvovirus PCR
01	1.26 x 10³	POS
02	1.74 x 10⁴	POS
03	>1.00 x 10⁵	POS
04	>1.00 x 10⁵	POS
05	>1.00 x 10⁵	POS
06	>1.00 x 10⁵	POS
07	>1.00 x 10⁵	POS
08	>1.00 x 10⁵	POS
Test Date	29-Jul-13	12-Jul-2024, 16-July-2024
Test Site	RL	RL
Kit Part Code	NA	NA
Kit Lot No.	NA	NA
Kit Exp Date	NA	NA

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

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HAV IgG Antibody and HAV Total Antibody¹

Panel Member	Abbott ARCHITECT HAVAB-G (S/CO)	DiaSorin LIAISON® Anti-HAV (Index)	Abbott AxSYM HAV Total (CO/S)
01	0.90	2.68, >2.70*	0.6
02	0.45	>2.70	0.6
03	0.41	>2.70	0.6
04	0.24	0.34	0.9
05	0.39	0.12	3.6
06	1.57	<0.10	6.0
07	5.36	<0.10	8.0
08	6.58	<0.10	6.3
Test Date	09-Jul-2024	09-Jul-2024	03-Oct-12
Test Site	LGC	LGC	LGC
Kit Part Code	6L27	310200	8D21-20
Kit Lot No.	61375BE00	111106	16499M500
Kit Exp Date	26-Jan-2025	19-Oct-2024	08-Nov-12

¹Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.

*Individual replicates reported due to inability to determine an average value.

LGC = LGC Clinical Diagnostics

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HAV IgM Antibody¹

Panel Member	DiaSorin LIAISON®	Abbott AxSYM HAV IgM
	HAV IgM (Index)	(S/CO)
01	<0.10	0.1
02	<0.10	0.1
03	<0.10	0.1
04	1.04*	0.2
05	>10.00	1.3
06	>10.00	3.6
07	>10.00	3.9
08	>10.00	4.0
Test Date	09-Jul-2024	01-Oct-12
Test Site	LGC	LGC
Kit Part Code	310210	5E20-20
Kit Lot No.	112101	11356M500
Kit Exp Date	18-Feb-2025	20-Oct-12

¹Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.

*Result in grayzone.

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