

# AccuVert™ Hepatitis A (HAV) Seroconversion Panel

0615-0026 / Batch #10026415

## OVERVIEW

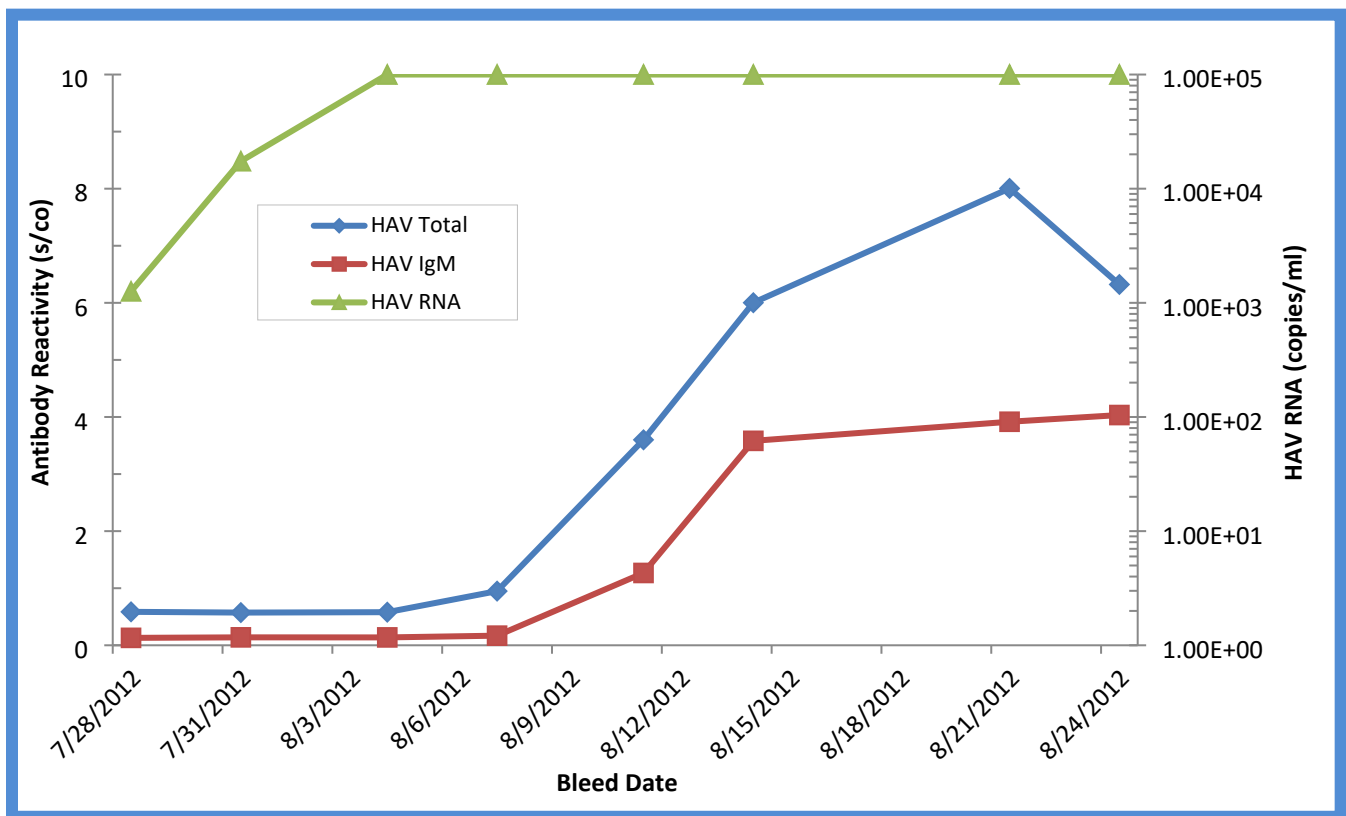
AccuVert™ Hepatitis A (HAV) Seroconversion Panel 0615-0026 / Batch #10026415 is an 8-member panel of undiluted, naturally occurring plasma samples. Panel members represent serial bleeds collected from a single patient over the course of 27 days during the development of HAV infection and subsequent response. 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 <sup>st</sup> 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 RNA

Panel Member	RNA Hepatitis A Virus (Copies/mL) <sup>1</sup>	NGI UltraQual® 1000 2X HAV RT-PCR
01	<b>1.26 x 10<sup>3</sup></b>	<b>POS</b>
02	<b>1.74 x 10<sup>4</sup></b>	<b>POS</b>
03	<b>&gt;1.00 x 10<sup>5</sup></b>	<b>POS</b>
04	<b>&gt;1.00 x 10<sup>5</sup></b>	<b>POS</b>
05	<b>&gt;1.00 x 10<sup>5</sup></b>	<b>POS</b>
06	<b>&gt;1.00 x 10<sup>5</sup></b>	<b>POS</b>
07	<b>&gt;1.00 x 10<sup>5</sup></b>	<b>POS</b>
08	<b>&gt;1.00 x 10<sup>5</sup></b>	<b>POS</b>
Test Date	29-Jul-13	06-May-2022
Test Site	RL	RL
Kit Part Code	NA	NA
Kit Lot No.	NA	NA
Kit Exp Date	NA	NA

<sup>1</sup>Results 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 Antibody

Panel Member	Abbott ARCHITECT HAVAB-G (S/CO) <sup>1</sup>	DiaSorin LIAISON® Anti-HAV (Index) <sup>1</sup>	Abbott AxSYM HAV Total (CO/S) <sup>1</sup>
01	0.98	1.59	0.6
02	0.60	1.72	0.6
03	0.56	1.71	0.6
04	0.48	<b>0.23</b>	0.9
05	0.64	<b>0.11, &lt;0.10*</b>	<b>3.6</b>
06	<b>1.79</b>	<b>&lt;0.10</b>	<b>6.0</b>
07	<b>5.65</b>	<b>&lt;0.10</b>	<b>8.0</b>
08	<b>6.51</b>	<b>&lt;0.10</b>	<b>6.3</b>
Test Date	17-May-2022	11-May-2022	03-Oct-12
Test Site	SC	SC	SC
Kit Part Code	6L27	310200	8D21-20
Kit Lot No.	33003BE00	111101	16499M500
Kit Exp Date	14-Oct-2022	07-Jan-2023	08-Nov-12

<sup>1</sup>Results 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.

SC = SeraCare

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## HAV IgM Antibody

Panel Member	DiaSorin LIAISON®	Abbott AxSYM HAV IgM
	HAV IgM (Index) <sup>1</sup>	(S/CO) <sup>1</sup>
01	<0.10	0.1
02	<0.10	0.1
03	<0.10, 0.63*	0.1
04	0.88	0.2
05	<b>&gt;10.00</b>	<b>1.3</b>
06	<b>&gt;10.00</b>	<b>3.6</b>
07	<b>&gt;10.00</b>	<b>3.9</b>
08	<b>&gt;10.00</b>	<b>4.0</b>
Test Date	11-May-2022	01-Oct-12
Test Site	SC	SC
Kit Part Code	310210	5E20-20
Kit Lot No.	112092	11356M500
Kit Exp Date	21-Sep-2022	20-Oct-12

<sup>1</sup>Results 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.

SC = SeraCare

The package insert for this panel can be found at [www.seracare.com](http://www.seracare.com).

A printed copy of the package insert or data sheet may be requested by email at [CDx-Info@LGCGroup.com](mailto:CDx-Info@LGCGroup.com) or by phone at 508.244.6400.