

# AccuVert™ HBV Seroconversion Panel

0605-0059 / Batch #10661483

## OVERVIEW

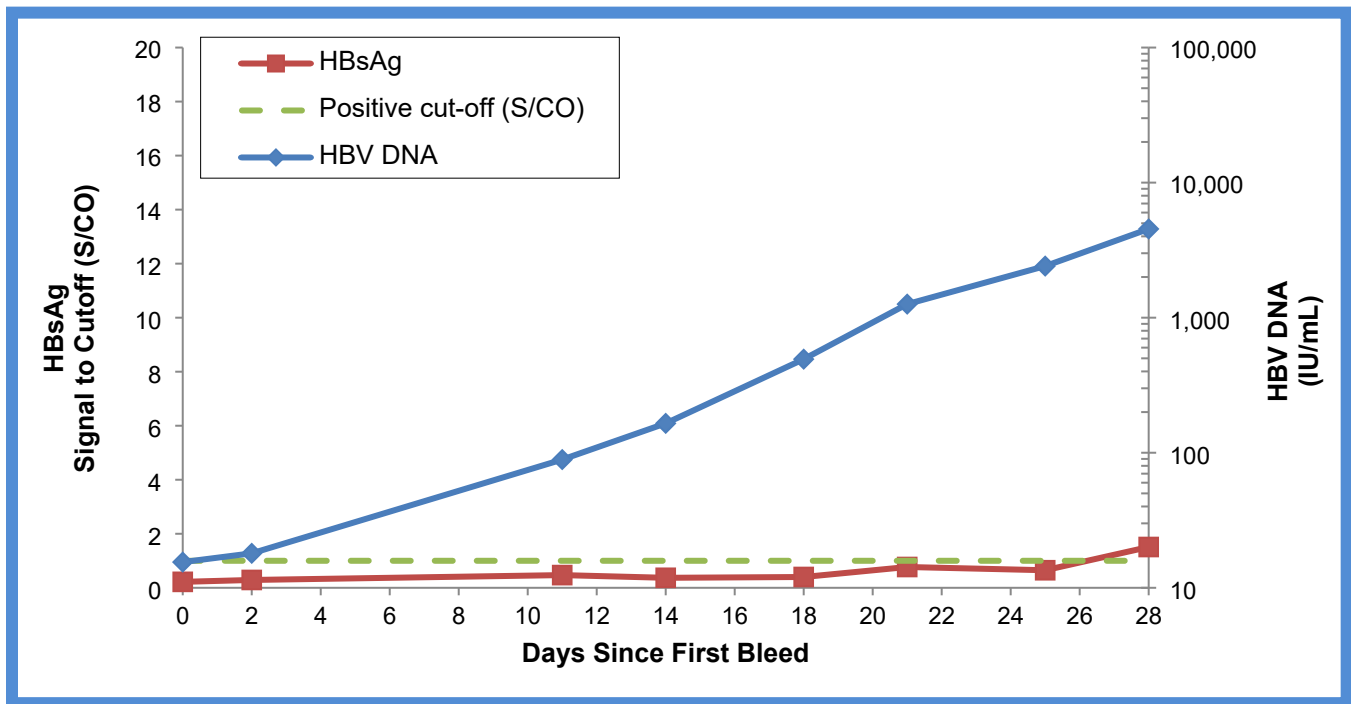
AccuVert™ HBV Seroconversion Panel 0605-0059 / Batch #10661483 is an 8-member panel of undiluted, naturally-occurring plasma samples (1 vial per member, 1.5 mL per vial) from a genotype B donor. Panel members represent serial bleeds from a single individual collected over 28 days in 2008. No preservatives were added.

Test results from commercially-available HBV assays are included for characterization of the panel members. This panel converts from negative to positive for hepatitis B surface antigen (HBsAg) on some test methods. All panel members are positive for HBV DNA.

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.

Follow Universal Precautions. Panel members were found positive for HBV DNA; all were found negative for anti-HIV-1/2 and anti-HCV. This does not ensure the absence of these or other human pathogens.

AccuVert™ HBV Seroconversion Panel



This graph demonstrates the evolution of early HBV infection amongst panel members from the Roche cobas® 6800/8800 (HBV DNA) and BioRad GS (HBsAg) test methods.

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### Panel Member Information

Panel Member	SeraCare Batch #	Bleed Date	Days Since 1 <sup>st</sup> Bleed
01	9229244	25-Mar-2008	0
02	9229245	27-Mar-2008	2
03	9229246	05-Apr-2008	11
04	9229247	08-Apr-2008	14
05	9229248	12-Apr-2008	18
06	9229249	15-Apr-2008	21
07	9229250	19-Apr-2008	25
08	9229251	22-Apr-2008	28

### HBV DNA

Panel Member	Abbott Alinity m HBV (IU/mL) <sup>1</sup>	Roche cobas® 6800/8800 HBV (IU/mL) <sup>1</sup>
01	<b>2.90 x 10<sup>1</sup></b>	<b>1.55 x 10<sup>1</sup></b>
02	<b>1.05 x 10<sup>1</sup></b>	<b>1.80 x 10<sup>1</sup></b>
03	<b>1.46 x 10<sup>2</sup></b>	<b>8.90 x 10<sup>1</sup></b>
04	<b>1.98 x 10<sup>2</sup></b>	<b>1.65 x 10<sup>2</sup></b>
05	<b>4.17 x 10<sup>2</sup></b>	<b>4.93 x 10<sup>2</sup></b>
06	<b>1.43 x 10<sup>3</sup></b>	<b>1.26 x 10<sup>3</sup></b>
07	<b>2.46 x 10<sup>3</sup></b>	<b>2.41 x 10<sup>3</sup></b>
08	<b>5.74 x 10<sup>3</sup></b>	<b>4.54 x 10<sup>3</sup></b>
Test Date	13-Apr-2023	14-Apr-2023
Test Site	RL	RL
Kit Part Code	NA	NA
Kit Lot No.	380992	NA
Kit Exp. Date	15-Jul-2024	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

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## HBsAg

Panel Member	Abbott ARCHITECT HBsAg Qualitative (S/CO) <sup>1</sup>	Abbott Alinity s HBsAg (S/CO) <sup>1</sup>	Bio-Rad GS HBsAg EIA 3.0 (S/CO) <sup>1</sup>
01	0.17	0.21	0.22
02	0.16	0.19	0.29
03	0.18	0.22	0.47
04	0.18	0.19	0.37
05	0.20	0.22	0.40
06	0.25	0.22	0.77
07	0.27	0.27	0.65
08	0.48	0.39	<b>1.51</b>
Test Date	13-Apr-2023	12-Apr-2023	12-Apr-2023
Test Site	SC	RL	SC
Kit Part Code	4P53	NA	32591
Kit Lot No.	47521FN00	45051FN00	148TCC-05
Kit Exp. Date	30-Jul-2023	15-Sep-2023	31-May-2023

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

## HBV antibody and other assays

Panel Member	Abbott ARCHITECT CORE (S/CO) <sup>1</sup>	Abbott ARCHITECT CORE-M (S/CO) <sup>1</sup>	Abbott ARCHITECT AUSAB (anti-HBs) (mIU/mL) <sup>1</sup>
01	0.26	0.08	0.10
02	0.21	0.08	0.01
03	0.21	0.08	0.07
04	0.12	0.09	0.01
05	0.07	0.07	0.08
06	0.07	0.07	0.01
07	0.07	0.07	0.12
08	0.10	0.08	0.07
Test Date	11-Apr-2023	12-Apr-2023	11-Apr-2023
Test Site	SC	SC	SC
Kit Part Code	6L22	6L23	1L82
Kit Lot No.	49082BE00	44664BE00	46434FN00
Kit Exp. Date	17-Dec-2023	28-Dec-2023	26-Feb-2024

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**HBeAg, Anti-HBe**

Panel Member	DiaSorin LIAISON® XL Murex HBeAg (Index) <sup>1</sup>	DiaSorin LIAISON® Anti-HBe (Index) <sup>1</sup>
01	<0.10	2.15
02	<0.10	2.22
03	<0.10	2.16
04	<0.10	2.24
05	<0.10	2.17
06	<0.10	2.21
07	0.14	2.13
08	0.24	2.18
Test Date	11-Apr-2023	11-Apr-2023
Test Site	SC	SC
Kit Part Code	318150	318160
Kit Lot No.	267007	269007
Kit Exp. Date	24-Sep-2023	14-Aug-2023

<sup>1</sup>Results are reported as the mean result of duplicate testing.  
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.