

# AccuVert™ HBV Seroconversion Panel

0605-0038 / Batch # 10669238

## OVERVIEW

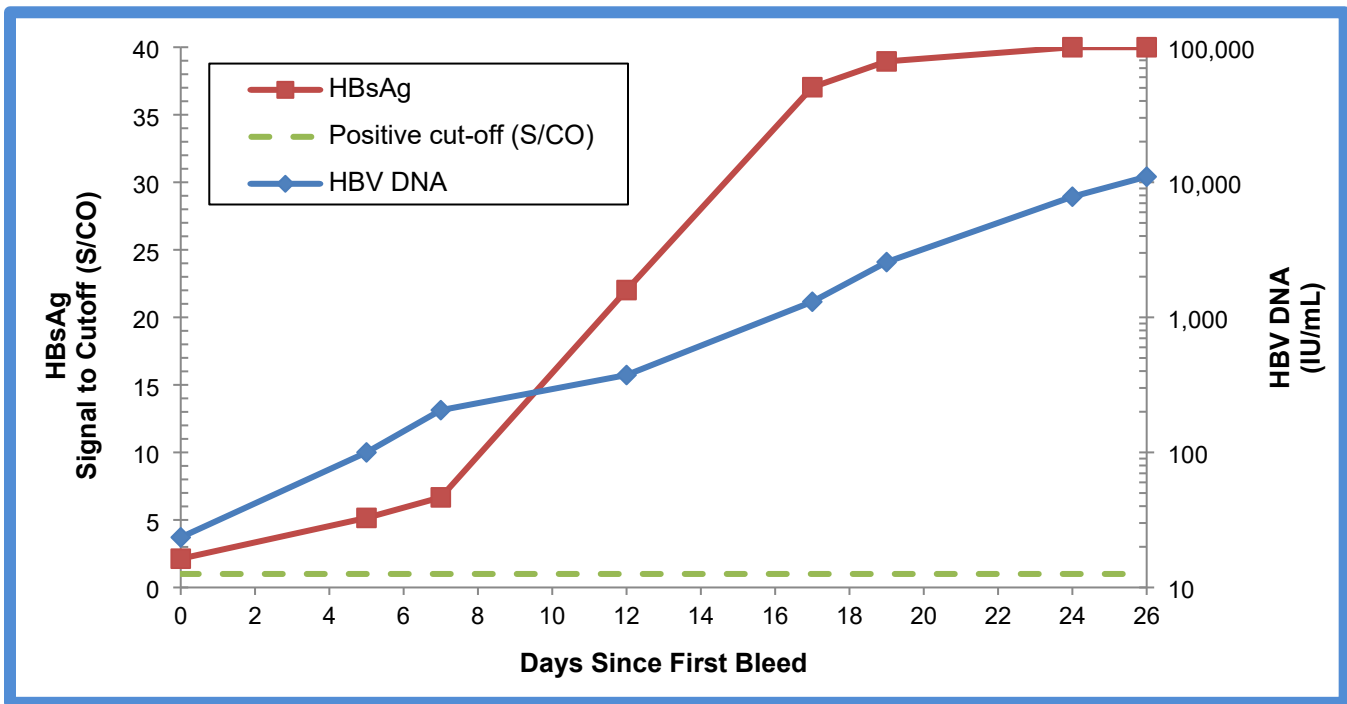
AccuVert™ HBV Seroconversion Panel 0605-0038 / Batch #10669238 is an 8-member panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.0 mL per vial) from a genotype A donor. Panel members represent serial bleeds from a single individual collected over 26 days in 2000. No preservatives 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). 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.

CAUTION: Potentially infectious materials. Follow Universal Precautions. Panel members were found positive for HBV; all were found negative for anti-HIV-1/2 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 HBV infection amongst panel members from the Roche cobas® 6800/8800 (HBV DNA) and Bio-Rad 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	9120174	19-May-2000	0
02	9120173	24-May-2000	5
03	9120172	26-May-2000	7
04	9120171	31-May-2000	12
05	9120170	05-Jun-2000	17
06	9120169	07-Jun-2000	19
07	9120168	12-Jun-2000	24
08	9120167	14-Jun-2000	26

## 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>28.00</b>	<b>23.50</b>
02	<b>120.50</b>	<b>100.00</b>
03	<b>258.50</b>	<b>205.50</b>
04	<b>416.00</b>	<b>374.00</b>
05	<b>1949.00</b>	<b>1305.00</b>
06	<b>2329.50</b>	<b>2565.00</b>
07	<b>7677.50</b>	<b>7820.00</b>
08	<b>10903.50</b>	<b>11000.00</b>
Test Date	26-May-2023	26-May-2023
Test Site	RL	RL
Kit Part Code	NA	NA
Kit Lot No.	380903	NA
Kit Exp. Date	15-July-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	<b>3.41</b>	<b>3.75</b>	<b>2.13</b>
02	<b>9.59</b>	<b>10.54</b>	<b>5.15</b>
03	<b>12.94</b>	<b>14.39</b>	<b>6.67</b>
04	<b>53.47</b>	<b>57.27</b>	<b>22.02</b>
05	<b>181.21</b>	<b>193.29</b>	<b>37.04</b>
06	<b>261.83</b>	<b>292.88</b>	<b>38.95</b>
07	<b>822.33</b>	<b>921.87</b>	<b>40.00</b>
08	<b>1174.99</b>	<b>1243.22</b>	<b>40.00</b>
Test Date	25-May-2023	26-May-2023	30-May2023
Test Site	LGC	RL	LGC
Kit Part Code	4P53	NA	32591
Kit Lot No.	47521FN00	45312FN00	174TCC-05
Kit Exp. Date	30-July-2023	03-Oct-2023	31-July-2023

<sup>1</sup>Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.  
RL = Reference Lab; LGC = LGC Clinical Diagnostics; 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	0.32	0.06	0.29
02	0.33	0.06	0.00
03	0.50	0.05	0.00
04	0.29	0.06	0.00
05	0.30	0.07	0.00
06	0.28	0.06	0.00
07	0.33	0.05	0.00
08	0.33	0.06	0.00
Test Date	30-May-2023	26-May-2023	30-May-2023
Test Site	LGC	LGC	LGC
Kit Part Code	6L22	6L23	1L82
Kit Lot No.	49082BE00	48194BE00	48426FN00
Kit Exp. Date	17-Dec-2023	14-Mar-2024	09-Apr-2024

<sup>1</sup>Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.  
LGC = LGC Clinical Diagnostics

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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	2.39, >2.40*
02	0.22	>2.40
03	0.21	2.36, >2.40*
04	<b>0.99</b>	2.33, >2.40*
05	<b>4.32</b>	2.38, >2.40*
06	<b>4.99</b>	>2.40
07	<b>16.85</b>	>2.40
08	<b>22.65</b>	>2.40
Test Date	26-May-2023	26-May-2023
Test Site	LGC	LGC
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; positive/reactive results are noted in bold red.

\*Individual replicates reported.

LGC = LGC Clinical Diagnostics

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.