



Evaluation Report

NUMBER
MDA 02028

HBsAg commercial panel data (update 1)

Comparative performance data for HBsAg assays using
commercial seroconversion and other panels

MDA Evaluation Report
MDA 02028



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HBsAg commercial panel data (update 1)

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Summary

The Medical Devices Agency funds an ongoing programme of virology kit evaluations at MiDAS. These evaluations generate large quantities of comparative performance data which were previously published in cumulative form as an appendix to each evaluation report. To avoid duplication of information and reduce the bulk of individual evaluation reports, detailed performance data are now published separately.

This document represents the second publication of HBsAg seroconversion data and also includes data for two performance panels. Included are data from the first publication¹ in this HBsAg series and also that from seven further evaluations that have since been undertaken at MiDAS (AxSYM[®] HBsAg (V2), Bioelisa HBsAg colour, ETI-MAK-4, Labsystems HBsAg EIA Plus, Monolisa Ag HBs Plus, Murex HBsAg (version 3) and Vitros *ECi* HBsAg).

Other publications in this series present data on kits for the detection of anti-HIV^{2,3} and anti-HCV^{4,5} evaluated up to 2002.

■ Background

The joint Medical Devices Agency/Public Health Laboratory Service series of virology kit evaluations, performed at MiDAS, commenced in the summer of 1985 when the first five commercial anti-HIV (then called anti-HTLV III/LAV) enzyme immunoassay kits became available^{6,7}. In the ten years between 1987 and 1996 an average of four anti-HIV kits per annum, mostly 96-well microplate-based EIAs, were evaluated. In 1995, the first report on HBsAg screening kits was published⁸ which contained comparative data on 15 kits. These kits used anti-HBs bound to a solid phase to capture HBsAg from the specimen and a second labelled anti-HBs reagent to detect the captured antigen. However, during the last few years the market has broadened greatly such that, in addition to new and modified HBsAg EIA kits, a wide range of automated, semi-automated and simple/rapid test devices are now available, many of which have been examined by MiDAS⁹⁻¹⁸.

In early evaluations only a small number of commercial seroconversion panels, comprising consecutive bleeds spaced several days apart from a seroconverting plasma donor, were available. In recent years, the number of commercially available seroconversion and other panels has increased enormously. The much more substantial data now generated enable us to draw more precise conclusions about real differences between screening kits in the detection of early hepatitis B infection. These data and those generated by testing related performance panels, have been assembled in the collection of reference tables presented in this report. It is anticipated that readers will use these comprehensive data in conjunction with the MDA evaluation reports for specific assay kits.

■ Information on commercial panels and tables

Comparative data from microbiology diagnostic products previously published in currently available Medical Devices Agency (MDA) evaluation reports are presented for twenty-nine HBsAg seroconversion panels (pages 7 – 31) and two low-titre performance panels (pages 40 – 41) supplied by Boston Biomedica Inc (BBI), USA and sixteen HBsAg seroconversion panels (pages 31 – 39) supplied by BioClinical Partners Inc (BCP), USA. Results are expressed as specimen absorbance to cut-off ratios or an appropriate equivalent. Ratios equal to or greater than 1.00 are considered reactive, whereas ratios less than 1.00 are considered unreactive. Where possible we have included additional information relating to polymerase chain reaction (PCR) detection and HBsAg concentration. These results were generated by other reference centres and provided to us by BBI.

All negative values have been shaded and are presented in bold typeface, whereas all positive values are presented in normal typeface. Each table shows the ‘days since first bleed’ which represents the number of days each serial bleed was taken following the initial plasma donation during hepatitis B seroconversion.

Each seroconversion panel comprises a set of undiluted plasma samples, containing no preservatives, that were maintained in a frozen state, except when they were dispensed into vials prior to shipping to MiDAS. The panels comprise a series of samples collected from a single donor at the time of seroconversion for HBsAg and may also show seroconversion for other hepatitis B markers, *ie* HBeAg, anti-HBe, anti-HBcore and anti-HBs.

Low-titre panels PHA103 and PHA105 were prepared from the repository of frozen serum and plasma units at BBI. Specimens that were included in both panels were those that gave reactivities close to the sensitivity limits of five HBsAg screening tests currently licensed by the US Food and Drug Administration (FDA). The samples selected for panel PHA103 had an HBsAg concentration of < 3.5ng/mL and those for PHA105 had a concentration of < 1 IU/mL. One specimen in each panel (PHA103-09 and PHA105-11), negative by all five screening methods, was included in each panel as an internal control.

● Notes for tables

Neg negative

Ind indeterminate

POS positive

NT not tested

NK not known

NR no result

*¹ Data taken from BBI data sheet

*² PRISM failed to aspirate this specimen. No result was issued

*³ Data taken from BCP data sheet

*⁴ Lot number F107710

*⁵ Lot number F107810

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BBI HBsAg seroconversion panel PHM901 (subtype ad)

Product name	Product number	Panel ID	PHM901-01	PHM901-02	PHM901-03	PHM901-04	PHM901-05	PHM901-06	PHM901-07
		Days since first bleed	0	2	8	10	16	21	23
Access [®] HBs Ag	34220	S/CO	0.55	0.86	13.30	15.79	159.93	246.47	578.81
Amerlite HBsAg II	LAN.2212	S/CO	0.28	0.62	8.31	30.30	358.75	566.30	1023.90
Auszyme monoclonal	1980-24	OD/CO	0.58	2.28	15.73	22.29	38.82	18.02	42.55
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	1.51	1.80	1.57	26.36	112.45	158.61	188.42
Bioelisa HBsAg	3000-1080	OD/CO	0.69	1.48	16.58	28.86	56.27	49.27	54.39
Bioelisa HBsAg colour	3000-1130	OD/CO	0.84	1.81	12.40	20.46	44.26	43.86	44.16
COBAS Core HBsAg II	07/5350/5	OD/CO	0.56	1.20	7.83	29.24	68.30	68.30	68.30
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.83	1.21	10.63	24.03	51.42	48.98	51.59
Enzymun-Test HBsAg	1288989	OD/CO	0.29	0.33	1.82	10.13	87.49	112.41	112.41
ETI-MAK-3	P3142	OD/CO	0.85	1.34	16.75	39.77	186.56	184.93	186.56
ETI- MAK-4 (Procedure B)	N0019	OD/CO	1.59	3.07	33.00	66.48	≥111.11	≥111.11	≥111.11
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.66	0.81	4.14	7.14	21.29	29.06	21.29
Heprofile HBsAg	M450	OD/CO	0.73	1.27	11.21	13.98	101.57	91.51	101.57
IMx HBsAg	2228-20	Rate/CO	0.74	0.98	0.99	11.00	41.21	56.33	70.78
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.64	0.90	6.51	9.91	NT	28.15	≥ 28.57
Microtrak II HBsAg	8HB29	OD/CO	0.20	0.23	2.59	3.74	23.96	20.83	23.96
Monolisa Ag HBs 2nd Gen	72204	OD/CO	1.25	2.47	16.52	45.50	217.37	277.75	243.81
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.80	2.00	19.87	28.26	≥ 54.55	≥ 54.55	≥ 54.55
Murex HBsAg	GE14/15/16	OD/CO	0.80	1.22	9.00	12.59	27.03	25.86	26.01
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.83	1.28	8.09	14.33	24.79	24.79	24.79
Murex HBsAg (version 3)	GE34/36	OD/CO	1.82	3.52	25.21	25.21	25.21	25.21	25.21
Ortho HBsAg Test System 3	931801	OD/CO	1.03	1.41	19.84	42.75	91.24	81.08	91.24
PRISM [™] HBsAg	3A4748	S/CO	1.88	3.25	4.63	45.50	ERROR* ²	222.53	288.41
VIDAS HBsAg	30 300	S/CO	0.58	1.19	11.00	28.31	97.73	115.00	124.85
VITROS ECi HBsAg	843 5307	S/CO	1.41	4.71	53.2	108	779	1540	2580
PCR Detection* ¹			POS	POS	POS	POS	POS	POS	POS
HBsAg concentration* ¹		ng/mL	0.3	0.6	>2.5	>2.5	>2.5	>2.5	>2.5

BBI HBsAg seroconversion panel PHM902 (subtype ad)

Product name	Product number	Panel ID	PHM902	PHM902	PHM902	PHM902	PHM902	PHM902	PHM902	PHM902	PHM902	PHM902	PHM902	PHM902	PHM902	PHM902
			-01	-02	-03	-04	-05	-06	-07	-08	-09	-10	-11	-12	-13	-14
Days since first bleed			0	2	8	10	57	59	64	66	71	73	78	80	85	88
Access® HBs Ag	34220	S/CO	0.25	0.25	0.27	0.37	0.25	0.28	0.40	0.39	0.88	0.97	2.30	3.50	5.18	13.03
Amerlite HBsAg II	LAN.2212	S/CO	0.06	0.06	0.07	0.16	0.07	0.06	0.12	0.07	0.77	1.05	4.70	7.78	23.60	30.50
Auszyme monoclonal	1980-24	OD/CO	0.05	0.05	0.03	0.05	0.18	0.08	0.25	0.44	1.73	2.28	7.33	8.68	24.64	22.58
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.70	0.86	0.94	0.98	0.81	0.78	1.08	1.07	2.05	2.37	4.51	5.84	14.83	18.12
Bioelisa HBsAg	3000-1080	OD/CO	0.16	0.16	0.19	0.10	0.19	0.24	0.36	0.25	0.94	1.13	2.61	3.88	11.50	14.05
Bioelisa HBsAg colour	3000-1130	OD/CO	0.25	0.44	0.32	0.32	0.35	0.35	0.47	0.63	1.61	2.14	5.14	8.37	12.95	16.70
COBAS Core HBsAg II	07/5350/5	OD/CO	0.07	0.07	0.07	0.08	0.12	0.15	0.28	0.40	1.48	1.74	4.92	7.36	16.22	24.31
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	1.74	1.95	2.75	1.78	1.12	1.28	1.39	1.12	1.55	1.53	2.87	3.50	7.30	8.71
Enzymun-Test HBsAg	1288989	OD/CO	-0.04	-0.03	-0.04	-0.08	-0.09	-0.07	-0.02	0.01	0.58	0.66	2.67	3.69	8.74	12.04
ETI-MAK-3	P3142	OD/CO	0.26	0.09	0.03	0.02	0.09	0.08	0.17	0.22	1.40	1.82	4.79	6.11	16.78	21.08
ETI-MAK-4 (Procedure B)	N0019	OD/CO	-0.07	0.15	-0.04	0.11	0.19	0.30	0.89	0.85	2.89	3.59	10.19	16.15	35.44	NT
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.61	0.52	0.49	0.65	0.62	0.57	0.74	0.63	0.92	1.01	2.89	2.15	5.62	5.31
Heprofile HBsAg	M450	OD/CO	0.54	0.52	0.64	0.70	0.42	0.30	0.52	0.67	0.92	0.67	1.51	2.90	4.45	6.13
IMx HBsAg	2228-20	Rate/CO	0.49	0.43	0.56	0.45	0.50	0.51	0.54	0.58	0.75	0.86	1.31	1.85	2.82	4.15
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.51	0.46	0.45	0.45	0.54	0.55	0.51	0.70	0.92	0.92	1.78	2.52	5.67	void
Microtrak II HBsAg	8HB29	OD/CO	0.15	0.17	0.14	0.18	0.15	0.17	0.15	0.18	0.24	0.30	0.56	0.78	2.03	2.74
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.33	0.35	0.30	0.37	0.50	0.48	0.65	0.52	2.26	2.36	5.52	7.01	21.09	25.09
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.31	0.26	0.20	0.09	0.11	0.27	0.29	0.36	1.26	1.49	2.47	3.53	8.11	12.53
Murex HBsAg	GE14/15/16	OD/CO	0.49	0.53	0.51	0.57	0.68	0.48	0.62	0.63	1.33	1.49	3.41	4.39	9.42	12.23
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.63	0.59	0.53	0.53	0.48	0.51	0.57	0.66	0.88	1.01	2.09	2.60	4.65	8.96
Murex HBsAg (version 3)	GE34/36	OD/CO	0.57	0.57	0.58	0.50	0.56	0.64	0.89	1.18	2.98	3.90	10.40	13.24	24.46	25.21
Ortho HBsAg Test System 3	931801	OD/CO	0.27	0.11	0.09	0.16	0.17	0.25	0.32	0.44	1.89	2.55	7.57	14.75	24.28	41.57
PRISM™ HBsAg	3A4748	S/CO	1.08	1.53	1.01	1.14	1.16	1.34	1.41	1.85	4.22	5.46	9.60	16.55	33.17	44.72
VIDAS HBsAg	30 300	S/CO	0.08	0.12	0.15	0.15	0.19	0.15	0.31	0.31	1.08	1.35	3.27	4.96	9.27	15.04
VITROS ECi HBsAg	843 5307	S/CO	0.13	0.13	0.17	0.14	0.18	0.24	0.52	0.79	4.6	3.8	11.2	20.5	57.3	55.9
PCR Detection*1			Neg	Neg	Neg	Neg	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS
HBsAg concentration*1		ng/mL	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.5	0.5	1.2	2.2	>2.7	>2.7

BBI HBsAg seroconversion panel PHM903 (subtype ad)

Product name	Product number	Panel ID	PHM903-01	PHM903-02	PHM903-03	PHM903-04	PHM903-05	PHM903-06
		Days since first bleed	0	3	6	10	14	17
Access [®] HBs Ag	34220	S/CO	0.25	0.26	0.33	0.52	1.10	2.81
Amerlite HBsAg II	LAN.2212	S/CO	0.10	0.12	0.11	0.20	2.30	3.63
Auszyme monoclonal	1980-24	OD/CO	-0.03	0.07	0.20	0.64	2.29	6.09
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.83	0.89	1.00	1.22	2.45	5.43
Bioelisa HBsAg	3000-1080	OD/CO	0.53	0.45	0.63	1.26	2.13	5.85
Bioelisa HBsAg colour	3000-1130	OD/CO	0.39	0.46	0.60	0.91	2.09	4.21
COBAS Core HBsAg II	07/5350/5	OD/CO	0.10	0.14	0.31	0.68	2.34	5.97
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.43	0.42	0.68	0.85	1.64	3.23
Enzymun-Test HBsAg	1288989	OD/CO	-0.13	-0.25	-0.06	0.08	0.61	1.88
ETI-MAK-3	P3142	OD/CO	0.02	0.06	0.34	1.02	2.29	6.20
ETI- MAK-4 (Procedure B)	N0019	OD/CO	0.30	0.56	0.70	1.26	4.41	9.59
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.53	0.55	0.60	0.91	1.08	4.06
Heprofile HBsAg	M450	OD/CO	0.55	0.47	0.61	0.77	1.44	2.07
IMx HBsAg	2228-20	Rate/CO	0.53	0.46	0.54	0.68	1.07	1.83
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.53	0.45	0.62	0.67	1.18	2.15
Microtrak II HBsAg	8HB29	OD/CO	0.16	0.15	0.14	0.15	0.27	0.72
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.41	0.37	0.64	1.16	3.55	8.84
Monolisa Ag HBs Plus / Method 3 (37°C for 60 mins)	72314	OD/CO	-0.07	0.11	0.22	0.53	1.53	4.98
Monolisa Ag HBs Plus / Method 4 (37°C for 120 mins)	72314	OD/CO	0.09	0.22	0.49	1.33	4.51	10.56
Murex HBsAg	GE14/15/16	OD/CO	0.52	0.59	0.61	0.96	1.37	3.42
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.61	0.71	0.70	0.69	0.86	0.95
Murex HBsAg (version 3)	GE34/36	OD/CO	0.57	0.65	1.06	1.93	4.47	9.73
Ortho HBsAg Test System 3	931801	OD/CO	0.22	0.16	0.28	0.83	2.73	6.16
PRISM [™] HBsAg	3A4748	S/CO	0.72	0.96	2.00	2.37	5.83	12.39
VIDAS HBsAg	30 300	S/CO	0.08	0.12	0.19	0.50	1.69	7.04
VITROS [®] ECi HBsAg	843 5307	S/CO	0.15	0.14	0.48	1.23	4.90	15.3
PCR Detection* ¹			POS	POS	POS	POS	POS	POS
HBsAg concentration* ¹		ng/mL	<0.1	<0.1	<0.1	0.1	1.0	1.4

BBI HBsAg seroconversion panel PHM904 (subtype ad)

Product name	Product number	Panel ID	PHM904-01	PHM904-02	PHM904-03
		Days since first bleed	0	7	18
Access [®] HBs Ag	34220	S/CO	0.28	0.37	1.79
Amerlite HBsAg II	LAN.2212	S/CO	0.14	0.48	2.52
Auszyme monoclonal	1980-24	OD/CO	0.08	0.49	4.46
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.95	1.12	1.10
Bioelisa HBsAg	3000-1080	OD/CO	0.24	0.29	2.66
Bioelisa HBsAg colour	3000-1130	OD/CO	0.33	0.49	2.91
COBAS Core HBsAg II	07/5350/5	OD/CO	0.14	0.37	3.28
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.46	0.61	3.14
Enzymun-Test HBsAg	1288989	OD/CO	-0.26	0.03	1.58
ETI-MAK-3	P3142	OD/CO	0.08	0.52	3.94
ETI- MAK-4 (Procedure B)	N0019	OD/CO	0.26	0.89	13.00
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.62	0.68	1.26
Heprofile HBsAg	M450	OD/CO	0.66	0.63	1.42
IMx HBsAg	2228-20	Rate/CO	0.57	0.62	1.46
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.48	0.65	1.41
Microtrak II HBsAg	8HB29	OD/CO	0.13	0.15	0.38
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.51	1.05	6.34
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.35	0.49	2.94
Murex HBsAg	GE14/15/16	OD/CO	0.55	0.63	2.28
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.59	0.68	2.96
Murex HBsAg (version 3)	GE34/36	OD/CO	0.76	1.53	9.89
Ortho HBsAg Test System 3	931801	OD/CO	0.27	0.68	9.79
PRISM [™] HBsAg	3A4748	S/CO	1.06	1.90	9.88
VIDAS HBsAg	30 300	S/CO	0.15	0.31	2.35
VITROS <i>ECi</i> HBsAg	843 5307	S/CO	0.25	1.00	10.6
HBsAg concentration* ¹		ng/mL	<0.1	0.1	1.5

BBI HBsAg seroconversion panel PHM907 (subtype ad)

Product name	Product number	Panel ID	PHM907-01	PHM907-02	PHM907-03	PHM907-04	PHM907-05	PHM907-06	PHM907-07	PHM907-08	PHM907-09	PHM907-10
		Days since first bleed	0	3	7	10	43	50	52	57	62	64
Access® HBs Ag	34220	S/CO	0.24	0.24	0.24	0.24	0.29	1.82	3.26	18.56	280.64	469.82
Amerlite HBsAg II	LAN.2212	S/CO	0.16	0.12	0.11	0.11	0.08	1.94	4.76	37.45	671.70	1053.50
Auszyme monoclonal	1980-24	OD/CO	-0.04	-0.08	-0.06	-0.01	0.10	2.99	5.42	30.29	26.55	27.88
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.67	0.74	0.69	0.71	0.77	1.95	3.49	19.54	111.11	112.02
Bioelisa HBsAg	3000-1080	OD/CO	0.11	0.22	0.17	0.04	0.11	1.58	2.71	24.66	51.43	53.25
Bioelisa HBsAg colour	3000-1130	OD/CO	0.28	0.18	0.25	0.26	0.39	1.40	3.60	23.25	43.72	45.12
COBAS Core HBsAg II	07/5350/5	OD/CO	0.11	0.10	0.11	0.07	0.18	3.39	7.55	50.96	68.62	68.30
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.45	0.44	0.47	0.41	0.45	1.35	2.21	19.49	50.63	53.33
Enzymun-Test HBsAg	1288989	OD/CO	-0.20	-0.19	-0.19	-0.24	-0.11	0.64	1.93	15.47	112.41	112.41
ETI-MAK-3	P3142	OD/CO	0.02	0.03	0.05	0.05	0.17	2.30	5.82	33.09	54.56	56.62
ETI- MAK-4 (Procedure B)	N0019	OD/CO	-0.03	0.10	0.07	0.07	0.72	6.00	13.07	82.31	≥103.45	≥103.45
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.63	0.60	0.55	0.61	0.42	1.10	3.63	11.82	25.47	24.34
Heprofile HBsAg	M450	OD/CO	0.50	0.55	0.54	0.68	0.65	1.21	1.55	10.15	29.71	27.90
IMx HBsAg	2228-20	Rate/CO	0.46	0.47	0.48	0.52	0.48	1.15	1.48	5.58	30.67	32.63
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.51	0.53	0.53	0.43	0.60	1.30	2.36	12.02	27.08	≥ 28.57
Microtrak II HBsAg	8HB29	OD/CO	0.14	0.15	0.13	0.13	0.16	0.44	0.80	5.02	20.69	22.00
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.39	0.25	0.33	0.35	0.46	3.87	9.24	53.53	82.21	76.55
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.20	0.14	0.14	0.22	0.39	3.18	6.65	34.14	≥ 58.82	≥ 58.82
Murex HBsAg	GE14/15/16	OD/CO	0.57	0.68	0.59	0.48	0.54	1.70	3.89	19.59	24.90	25.79
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.54	0.50	0.53	0.55	0.58	1.27	2.18	9.34	24.79	24.79
Murex HBsAg (version 3)	GE34/36	OD/CO	0.52	0.56	0.52	0.52	0.76	4.66	9.08	25.21	25.21	25.21
Ortho HBsAg Test System 3	931801	OD/CO	0.25	0.30	0.19	0.44	0.40	3.28	7.01	54.19	95.26	93.75
PRISM™ HBsAg	3A4748	S/CO	0.68	0.68	0.44	0.63	0.72	5.62	13.11	69.07	246.56	280.83
VIDAS HBsAg	30 300	S/CO	0.04	0.04	0.08	0.00	0.08	1.46	3.92	26.69	105.08	119.88
VITROS ECi HBsAg	843 5307	S/CO	0.18	0.17	0.19	0.17	0.39	7.79	16.6	130	1390	2450
PCR Detection* ¹			Neg	Neg	Neg	Neg	POS	POS	POS	POS	POS	POS
HBsAg concentration* ¹		ng/mL	<0.1	<0.1	<0.1	<0.1	<0.1	1	>2.6	>2.6	>2.6	>2.6

BBI HBsAg seroconversion panel PHM908 (subtype ad)

Product name	Product number	Panel ID	PHM908-01	PHM908-02	PHM908-03	PHM908-04	PHM908-05	PHM908-06	PHM908-07	PHM908-08
		Days since first bleed	0	5	7	13	15	20	33	36
Access [®] HBsAg	34220	S/CO	0.25	0.28	0.24	0.28	0.35	0.66	2.20	7.63
Amerlite HBsAg II	LAN.2212	S/CO	0.17	0.21	0.09	0.08	0.10	0.25	7.69	16.65
Auszyme monoclonal	1980-24	OD/CO	0.04	0.02	0.00	0.16	0.20	0.97	10.80	17.68
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.72	0.69	0.68	1.89	1.02	1.19	5.79	21.57
Bioelisa HBsAg	3000-1080	OD/CO	0.15	0.09	0.16	0.27	0.23	0.79	5.52	17.16
Bioelisa HBsAg colour	3000-1130	OD/CO	0.42	0.33	0.35	0.40	0.46	0.93	7.18	19.97
COBAS Core HBsAg II	07/5350/5	OD/CO	0.09	0.08	0.09	0.18	0.25	0.86	8.66	23.56
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.37	0.42	0.41	0.32	0.61	0.76	3.60	10.83
Enzymun-Test HBsAg	1288989	OD/CO	-0.12	-0.16	-0.18	-0.12	-0.11	0.10	2.98	10.83
ETI-MAK-3	P3142	OD/CO	0.02	0.15	0.03	0.02	0.21	0.56	6.15	21.82
ETI-MAK-4 (Procedure B)	N0019	OD/CO	0.38	0.17	0.41	0.72	0.59	1.86	11.55	39.76
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.71	0.82	0.52	0.70	0.65	0.91	2.43	6.18
Heprofile HBsAg	M450	OD/CO	0.54	0.52	0.59	0.66	0.63	0.57	3.37	8.40
IMx HBsAg	2228-20	Rate/CO	0.60	0.49	0.44	0.50	0.49	0.78	2.19	4.89
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.55	0.55	0.56	0.49	0.70	0.73	2.14	7.06
Microtrak II HBsAg	8HB29	OD/CO	0.14	0.14	0.16	0.14	0.39	0.19	0.66	2.33
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.27	0.35	0.30	0.42	0.51	1.56	8.73	41.87
Monolisa Ag HBs Plus / Method 3 (37°C for 60 mins)	72314	OD/CO	0.14	0.26	0.31	0.26	0.41	0.96	5.14	20.22
Monolisa Ag HBs Plus / Method 4 (37°C for 120 mins)	72314	OD/CO	0.02	-0.05	0.14	0.44	0.72	3.02	11.91	37.95
Murex HBsAg	GE14/15/16	OD/CO	0.52	0.49	0.56	0.60	0.52	0.98	5.08	7.92
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.54	0.55	0.56	0.55	0.60	0.81	3.45	8.31
Murex HBsAg (version 3)	GE34/36	OD/CO	0.53	0.54	0.56	0.77	0.94	1.69	15.05	25.21
Ortho HBsAg Test System 3	931801	OD/CO	0.18	0.15	0.19	0.25	0.26	0.61	10.79	22.83
PRISM [™] HBsAg	3A4748	S/CO	0.56	0.90	0.52	0.74	>1.00	2.91	16.46	40.49
VIDAS HBsAg	30 300	S/CO	0.15	0.12	0.12	0.15	0.15	0.65	4.88	15.15
VITROS EC _i HBsAg	843 5307	S/CO	0.08	0.08	0.08	0.13	0.21	1.20	15.6	48.0
PCR Detection ^{*1}			Ind	POS	POS	POS	POS	POS	POS	POS
HBsAg concentration ^{*1}		ng/mL	<0.1	0.1	<0.1	0.1	<0.1	0.2	1.7	>2.7

BBI HBsAg seroconversion panel PHM909 (subtype ad)

Product name	Product number	Panel ID	PHM909-01	PHM909-02	PHM909-03	PHM909-04	PHM909-05	PHM909-06	PHM909-07
		Days since first bleed	0	4	7	9	14	18	21
Access [®] HBs Ag	34220	S/CO	0.25	0.27	0.30	0.33	1.40	4.09	9.70
Amerlite HBsAg II	LAN.2212	S/CO	0.09	0.10	0.05	0.27	2.36	6.08	21.25
Auszyme monoclonal	1980-24	OD/CO	0.00	-0.03	0.09	0.21	2.97	8.04	19.61
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.75	0.81	0.91	1.54	3.49	8.72	18.47
Bioelisa HBsAg	3000-1080	OD/CO	0.27	0.34	0.21	0.48	1.93	7.94	18.31
Bioelisa HBsAg colour	3000-1130	OD/CO	0.32	0.30	0.42	0.75	2.30	5.95	14.75
COBAS Core HBsAg II	07/5350/5	OD/CO	0.13	0.11	0.17	0.43	2.64	11.36	22.67
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.56	0.45	0.60	0.59	1.80	5.62	11.60
Enzymun-Test HBsAg	1288989	OD/CO	-0.13	-0.07	-0.03	0.17	1.08	3.94	8.60
ETI-MAK-3	P3142	OD/CO	0.09	0.02	0.04	0.94	2.50	17.43	29.85
ETI-MAK-4 (Procedure B)	N0019	OD/CO	0.10	0.10	0.90	3.07	8.03	30.14	62.35
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.64	0.50	0.46	0.69	1.28	2.55	4.89
Heprofile HBsAg	M450	OD/CO	0.82	0.83	0.59	0.93	1.56	3.83	4.97
IMx HBsAg	2228-20	Rate/CO	0.45	0.52	0.56	0.79	1.47	2.86	5.63
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.54	0.44	0.58	0.62	1.02	2.88	5.76
Microtrak II HBsAg	8HB29	OD/CO	0.14	0.14	0.16	0.15	0.36	0.93	2.45
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.48	0.30	0.32	0.52	2.86	14.01	32.03
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.33	0.14	0.18	0.22	2.35	7.26	17.24
Murex HBsAg	GE14/15/16	OD/CO	0.51	0.54	0.64	0.94	1.71	4.02	11.29
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.55	0.59	0.63	0.88	1.64	3.14	5.06
Murex HBsAg (version 3)	GE34/36	OD/CO	0.50	0.66	1.01	2.41	6.63	14.80	25.21
Ortho HBsAg Test System 3	931801	OD/CO	0.28	0.06	0.20	0.45	3.33	13.33	23.26
PRISM [™] HBsAg	3A4748	S/CO	0.65	1.05	1.58	3.52	8.43	23.66	44.86
VIDAS HBsAg	30 300	S/CO	0.08	0.08	0.12	0.31	1.04	5.46	13.31
VITROS [®] Eci HBsAg	843 5307	S/CO	NR	0.14	0.16	0.51	5.97	24.0	58.0
PCR Detection ^{*1}			POS	POS	POS	POS	POS	POS	POS
HBsAg concentration [‡]		ng/mL	<0.1	<0.1	0.1	0.3	1.1	>2.7	>2.7

BBI HBsAg seroconversion panel PHM910 (subtype ad)

Product name	Product number	Panel ID	PHM910-01	PHM910-02	PHM910-03	PHM910-04	PHM910-05	PHM910-06
		Days since first bleed	0	18	35	42	46	49
Access [®] HBs Ag	34220	S/CO	0.25	0.29	0.70	2.56	4.15	6.56
Amerlite HBsAg II	LAN.2212	S/CO	0.04	0.09	0.68	8.78	23.70	36.25
Auszyme monoclonal	1980-24	OD/CO	0.03	0.20	2.30	9.74	19.20	33.32
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.78	0.77	2.35	7.53	16.48	22.14
Bioelisa HBsAg	3000-1080	OD/CO	0.17	0.08	1.51	5.98	15.65	22.58
Bioelisa HBsAg colour	3000-1130	OD/CO	0.21	0.40	1.30	4.74	10.77	18.35
COBAS Core HBsAg II	07/5350/5	OD/CO	0.09	0.13	1.74	7.60	16.36	25.29
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.45	0.44	1.24	4.95	13.71	15.53
Enzymun-Test HBsAg	1288989	OD/CO	-0.20	-0.16	0.53	4.64	9.73	13.82
ETI-MAK-3	P3142	OD/CO	0.02	0.09	1.97	9.96	21.87	33.99
ETI-MAK-4 (Procedure B)	N0019	OD/CO	0.10	0.21	3.31	16.38	31.00	61.00
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.58	0.68	0.86	2.74	5.09	5.61
Heprofile HBsAg	M450	OD/CO	0.52	0.61	0.84	2.65	6.29	10.22
IMx HBsAg	2228-20	Rate/CO	0.53	0.55	0.98	3.27	4.92	6.80
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.56	0.58	0.90	3.94	6.80	9.31
Microtrak II HBsAg	8HB29	OD/CO	0.18	0.16	0.20	0.81	1.67	3.14
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.32	0.26	1.89	11.92	20.64	37.45
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.14	0.37	1.43	4.90	7.90	16.78
Murex HBsAg	GE14/15/16	OD/CO	0.56	0.54	1.09	4.46	7.97	12.52
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.49	0.51	1.08	3.01	6.34	7.93
Murex HBsAg (version 3)	GE34/36	OD/CO	0.58	0.68	2.97	12.04	25.21	25.21
Ortho HBsAg Test System 3	931801	OD/CO	0.17	0.16	1.50	11.44	23.94	33.81
PRISM [™] HBsAg	3A4748	S/CO	1.27	1.22	4.15	20.86	45.10	51.52
VIDAS HBsAg	30 300	S/CO	0.08	0.15	1.04	4.73	11.15	16.50
VITROS <i>ECi</i> HBsAg	843 5307	S/CO	0.11	0.16	2.54	17.0	39.4	56.3
PCR Detection* ¹			Neg	Ind	POS	POS	POS	POS
HBsAg concentration* ¹		ng/mL	0.2	0.2	0.9	>2.7	>2.7	>2.7

BBI HBsAg seroconversion panel PHM912 (subtype ad)

Product name	Product number	Panel ID	PHM912-01	PHM912-02	PHM912-03	PHM912-04	PHM912-05	PHM912-06	PHM912-07	PHM912-08	PHM912-09
		Days since first bleed	0	5	7	12	17	20	24	42	47
Access® HBs Ag	34220	S/CO	0.23	0.25	0.26	0.28	0.30	0.31	0.35	8.84	34.90
Amerlite HBsAg II	LAN.2212	S/CO	0.06	0.06	0.20	0.06	0.09	0.24	0.11	24.60	88.10
Auszyme monoclonal	1980-24	OD/CO	0.03	-0.02	0.00	0.02	0.06	0.10	0.28	24.97	38.84
AxSYM® HBsAg (V2)	7A40-22	S/CO	1.14	1.71	1.30	1.25	1.50	3.36	2.80	18.68	51.68
Bioelisa HBsAg	3000-1080	OD/CO	0.12	0.07	0.22	0.02	0.22	0.17	0.29	16.16	40.65
Bioelisa HBsAg colour	3000-1130	OD/CO	0.32	0.49	0.26	0.33	0.33	0.51	0.42	9.79	33.40
COBAS Core HBsAg II	07/5350/5	OD/CO	0.16	0.13	0.14	0.15	0.19	0.24	0.38	22.18	68.30
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.38	0.39	0.51	0.48	0.44	0.47	0.57	10.86	33.84
Enzymun-Test HBsAg	1288989	OD/CO	-0.21	-0.21	-0.21	-0.20	-0.08	-0.14	-0.07	8.54	31.83
ETI-MAK-3	P3142	OD/CO	0.06	0.02	0.04	0.04	0.13	0.17	0.43	22.89	57.19
ETI-MAK-4 (Procedure B)	N0019	OD/CO	0.33	0.15	-0.15	0.11	-0.07	0.33	0.74	39.96	≥ 111.11
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.65	0.47	0.52	0.58	0.49	0.65	0.47	4.64	17.32
Heprofile HBsAg	M450	OD/CO	0.41	0.57	0.42	0.54	0.52	0.42	0.50	7.71	21.72
IMx HBsAg	2228-20	Rate/CO	0.71	0.57	0.76	0.54	0.74	0.57	0.65	5.86	17.31
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.50	0.58	0.48	0.46	0.52	0.55	0.51	6.38	16.21
Microtrak II HBsAg	8HB29	OD/CO	0.19	0.14	0.13	0.16	0.15	0.14	0.16	2.05	7.80
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.25	0.17	0.34	0.25	0.41	0.44	0.61	28.12	65.19
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.24	0.18	0.31	0.28	0.20	0.22	0.08	15.43	43.22
Murex HBsAg	GE14/15/16	OD/CO	0.56	0.47	0.44	0.53	0.49	0.53	0.65	8.88	24.95
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.46	0.45	0.44	0.45	0.42	0.50	0.51	5.67	14.46
Murex HBsAg (version 3)	GE34/36	OD/CO	0.82	0.73	0.70	0.57	0.69	0.73	1.00	24.19	24.19
Ortho HBsAg Test System 3	931801	OD/CO	0.09	0.03	0.18	0.11	0.15	0.36	0.45	25.92	75.30
PRISM™ HBsAg	3A4748	S/CO	1.04	0.79	1.00	0.92	0.92	1.20	1.29	34.19	114.52
VIDAS HBsAg	30 300	S/CO	0.04	0.08	0.08	0.08	0.08	0.27	0.42	10.73	39.96
VITROS ECi HBsAg	843 5307	S/CO	0.10	0.10	0.09	0.10	0.12	0.15	0.26	50.8	185
PCR Detection ⁺¹			POS	POS	POS	POS	POS	POS	POS	POS	POS
HBsAg concentration ⁺¹		ng/mL	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	>2.6	>2.6

BBI HBsAg seroconversion panel PHM913 (subtype ad)

Product name	Product number	Panel ID	PHM913-01	PHM913-02
		Days since first bleed	0	28
Access [®] HBs Ag	34220	S/CO	1.20	1016.65
Amerlite HBsAg II	LAN.2212	S/CO	NT	NT
Auszyme monoclonal	1980-24	OD/CO	NT	NT
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	1.73	220.25
Bioelisa HBsAg colour	3000-1130	OD/CO	1.46	39.13
COBAS Core HBsAg II	07/5350/5	OD/CO	6.15	68.24
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	NT	NT
Enzymun-Test HBsAg	1288989	OD/CO	NT	NT
ETI-MAK-3	P3142	OD/CO	NT	NT
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	NT	NT
Heprofile HBsAg	M450	OD/CO	NT	NT
IMx HBsAg	2228-20	Rate/CO	NT	NT
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.97	≥ 28.85
Microtrak II HBsAg	8HB29	OD/CO	NT	NT
Monolisa Ag HBs 2nd Gen	72204	OD/CO	NT	NT
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	2.82	≥ 58.82
Murex HBsAg	GE14/15/16	OD/CO	NT	NT
Murex HBsAg (version 2)	GE14/15/16	OD/CO	1.04	24.79
Murex HBsAg (version 3)	GE34/36	OD/CO	4.31	22.06
Ortho HBsAg Test System 3	931801	OD/CO	NT	NT
PRISM [™] HBsAg	3A4748	S/CO	2.91	535.02
VIDAS HBsAg	30 300	S/CO	NT	NT
VITROS <i>ECi</i> HBsAg	843 5307	S/CO	3.55	6330
PCR Detection* ¹			POS	POS
HBsAg concentration* ¹		ng/mL	0.6	>2.7

BBI HBsAg seroconversion panel PHM914 (subtype ad)

Product name	Product number	Panel ID	PHM914-01	PHM914-02	PHM914-03	PHM914-04	PHM914-05	PHM914-06
		Days since first bleed	0	146	151	153	158	160
Access® HBs Ag	34220	S/CO	0.26	0.37	0.44	0.48	0.79	1.21
Amerlite HBsAg II	LAN.2212	S/CO	0.08	0.07	0.13	0.19	0.51	2.72
Auszyme monoclonal	1980-24	OD/CO	-0.05	0.40	0.63	0.90	2.04	2.83
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.67	0.94	1.25	1.62	2.26	2.85
Bioelisa HBsAg	3000-1080	OD/CO	0.26	0.29	0.76	0.81	1.38	2.34
Bioelisa HBsAg colour	3000-1130	OD/CO	0.28	0.33	0.68	0.51	1.33	2.28
COBAS Core HBsAg II	07/5350/5	OD/CO	0.17	0.48	0.67	0.85	1.75	3.26
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.47	0.51	0.60	0.72	1.06	1.46
Enzymun-Test HBsAg	1288989	OD/CO	-0.15	-0.07	0.02	0.14	0.45	0.89
ETI-MAK-3	P3142	OD/CO	0.06	0.29	0.44	1.00	2.15	2.95
ETI-MAK-4 (Procedure B)	N0019	OD/CO	0.00	0.79	1.21	1.97	3.66	6.48
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.51	0.74	0.75	0.92	1.09	1.15
Heprofile HBsAg	M450	OD/CO	0.58	0.77	0.86	0.91	1.06	1.96
IMx HBsAg	2228-20	Rate/CO	0.46	0.59	0.69	0.61	1.01	1.23
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.48	0.72	0.73	0.83	1.10	1.32
Microtrak II HBsAg	8HB29	OD/CO	0.15	0.19	0.14	0.15	0.23	0.32
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.37	0.69	0.97	1.11	2.20	4.34
Monolisa Ag HBs Plus / Method 3 (37°C for 60 mins)	72314	OD/CO	0.12	0.57	0.68	0.80	1.53	2.47
Monolisa Ag HBs Plus / Method 4 (37°C for 120 mins)	72314	OD/CO	0.12	0.58	1.02	1.61	3.91	5.33
Murex HBsAg	GE14/15/16	OD/CO	0.47	0.65	0.73	0.89	1.31	1.73
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.40	0.49	0.52	0.68	0.66	0.97
Murex HBsAg (version 3)	GE34/36	OD/CO	0.41	0.87	1.36	2.08	2.97	4.04
Ortho HBsAg Test System 3	931801	OD/CO	0.04	0.35	0.67	0.94	1.82	3.32
PRISM™ HBsAg	3A4748	S/CO	0.60	1.61	1.90	2.63	4.32	6.54
VIDAS HBsAg	30 300	S/CO	0.04	0.23	0.39	0.54	1.00	1.92
VITROS ECi HBsAg	843 5307	S/CO	0.07	0.43	0.69	1.40	3.60	5.42
PCR Detection* ¹			Neg	POS	POS	POS	POS	POS
HBsAg concentration* ¹		ng/mL	<0.1	0.2	0.3	0.5	0.9	1.5

BBI HBsAg seroconversion panel PHM915 (subtype undefined)

Product name	Product number	Panel ID	PHM915	PHM915	PHM915	PHM915	PHM915	PHM915	PHM915	PHM915	PHM915	PHM915	PHM915	PHM915	PHM915
			-01	-02	-03	-04	05	06	07	08	09	10	11	12	13
		Days since first bleed	0	7	12	14	19	21	26	28	33	40	42	54	56
Access® HBs Ag	34220	S/CO	0.30	0.24	0.31	0.38	0.34	0.33	0.39	0.39	0.43	0.54	0.47	0.76	0.76
Amerlite HBsAg II	LAN.2212	S/CO	0.10	0.12	0.17	0.23	0.18	0.06	0.09	0.16	0.25	0.38	0.52	1.55	1.64
Auszyme monoclonal	1980-24	OD/CO	0.32	0.00	0.14	0.39	0.47	0.45	0.38	0.60	0.86	1.41	1.33	2.24	2.93
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.79	0.60	0.78	0.84	0.85	0.84	1.09	0.98	1.09	1.22	1.25	2.14	2.00
Bioelisa HBsAg	3000-1080	OD/CO	0.27	0.14	0.07	0.25	0.41	0.12	0.50	0.44	0.72	0.85	0.85	1.81	1.46
Bioelisa HBsAg colour	3000-1130	OD/CO	0.63	0.31	0.48	0.73	0.69	0.63	0.86	0.84	1.00	1.08	1.10	2.58	2.02
COBAS Core HBsAg II	07/5350/5	OD/CO	0.45	0.37	0.39	0.47	0.46	0.43	0.56	0.62	0.76	0.97	1.03	2.32	2.07
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.71	0.54	0.61	0.81	0.77	0.55	0.87	0.81	0.58	0.87	0.84	1.55	1.34
Enzymun-Test HBsAg	1288989	OD/CO	0.31	0.20	0.23	0.26	0.28	0.22	0.29	0.31	0.40	0.58	0.63	1.51	1.20
ETI-MAK-3	P3142	OD/CO	0.08	0.02	0.16	0.45	0.14	0.11	0.53	0.67	0.83	0.99	0.86	2.65	1.69
ETI- MAK-4 (Procedure B)	N0019	OD/CO	0.55	0.14	0.14	0.97	0.90	0.86	1.21	1.28	1.17	1.62	1.31	4.24	4.14
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.62	0.72	0.66	0.70	1.08	0.76	0.74	0.92	0.77	1.23	1.19	1.28	1.08
Heprofile HBsAg	M450	OD/CO	0.58	0.57	0.54	0.73	0.63	0.57	0.57	0.63	0.63	0.78	0.69	1.08	0.88
IMx HBsAg	2228-20	Rate/CO	0.45	0.42	0.49	0.67	0.54	0.52	0.50	0.62	0.66	0.70	0.64	1.01	0.98
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.58	0.53	0.55	0.56	0.65	0.58	0.60	0.61	0.74	0.84	0.82	1.14	1.15
Microtrak II HBsAg	8HB29	OD/CO	0.17	0.14	0.15	0.15	0.16	0.17	0.16	0.18	0.15	0.19	0.21	0.30	0.24
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.40	0.46	0.57	0.75	0.54	0.42	0.63	0.55	0.66	1.22	0.94	2.02	1.68
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.36	0.20	0.44	0.49	0.31	0.33	0.27	0.44	0.47	0.71	0.73	1.62	1.15
Murex HBsAg	GE14/15/16	OD/CO	0.66	0.49	0.58	0.63	0.65	0.66	0.75	0.76	0.84	0.61	0.88	1.36	1.33
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.62	0.52	0.61	0.62	0.60	0.67	0.64	0.66	0.69	0.83	0.68	1.02	0.93
Murex HBsAg (version 3)	GE34/36	OD/CO	0.85	0.45	0.71	1.26	1.10	1.02	1.21	1.26	1.57	1.98	2.01	4.07	3.52
Ortho HBsAg Test System 3	931801	OD/CO	0.28	0.15	0.33	0.56	0.41	0.46	0.51	0.77	0.90	1.55	1.15	2.79	2.10
PRISM™ HBsAg	3A4748	S/CO	1.04	0.59	0.99	1.32	1.24	1.32	1.55	1.87	2.14	2.69	2.69	5.87	5.23
VIDAS HBsAg	30 300	S/CO	0.15	0.00	0.12	0.27	0.23	0.23	0.31	0.31	0.46	0.54	0.58	1.42	1.12
VITROS ECi HBsAg	843 5307	S/CO	0.55	0.16	0.34	0.79	0.64	0.56	1.11	1.20	1.64	2.32	2.81	6.82	5.16
PCR Detection*1			POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS
HBsAg concentration*1		ng/mL	<0.1	<0.1	0.2	<0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.6	1	0.8

BBI HBsAg seroconversion panel PHM916 (subtype ay)

Product name	Product number	Panel ID	PHM916-01	PHM916-02	PHM916-03	PHM916-04	PHM916-05	PHM916-06	PHM916-07	PHM916-08	PHM916-09	PHM916-10	PHM916-11
			Days since first bleed	0	7	41	43	48	50	55	57	62	65
Access [®] HBs Ag	34220	S/CO	0.25	0.27	0.24	0.24	0.25	0.27	0.27	0.30	0.48	0.83	2.87
Amerlite HBsAg II	LAN.2212	S/CO	0.11	0.13	0.10	0.06	0.05	0.10	0.07	0.06	0.09	1.73	6.37
Auszyme monoclonal	1980-24	OD/CO	-0.09	-0.06	-0.02	0.06	-0.05	-0.02	0.07	0.09	0.50	1.96	21.91
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.65	0.59	0.67	0.66	0.63	0.78	0.70	0.79	1.04	1.66	5.74
Bioelisa HBsAg	3000-1080	OD/CO	0.08	0.05	0.20	0.14	0.13	0.14	0.22	0.12	0.24	0.90	3.43
Bioelisa HBsAg colour	3000-1130	OD/CO	0.32	0.36	0.32	0.36	0.29	0.37	0.36	0.40	0.71	1.66	6.05
COBAS Core HBsAg II	07/5350/5	OD/CO	0.13	0.12	0.16	0.18	0.17	0.17	0.23	0.33	0.77	2.04	8.62
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.42	0.53	0.40	0.63	0.47	0.44	0.60	0.48	0.59	1.00	3.31
Enzymun-Test HBsAg	1288989	OD/CO	0.04	0.11	-0.04	0.07	-0.04	-0.05	0.03	0.01	0.16	0.60	2.80
ETI-MAK-3	P3142	OD/CO	0.04	0.06	0.02	0.02	0.02	0.08	0.10	0.07	0.16	1.20	6.23
ETI-MAK-4 (Procedure B)	N0019	OD/CO	0.00	0.28	0.31	0.17	0.21	-0.17	0.21	0.48	0.75	4.04	9.68
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.71	0.54	0.59	0.99	0.69	0.69	1.15	0.61	0.69	1.58	2.12
Heprofile HBsAg	M450	OD/CO	0.63	0.55	0.51	0.30	0.57	0.50	0.46	0.50	0.72	1.05	2.49
IMx HBsAg	2228-20	Rate/CO	0.42	0.45	0.45	0.45	0.41	0.64	0.49	0.46	0.53	0.70	1.79
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.51	0.45	0.44	0.47	0.56	0.53	0.46	0.63	0.65	0.73	2.63
Microtrak II HBsAg	8HB29	OD/CO	0.15	0.14	0.15	0.18	0.15	0.16	0.16	0.15	0.14	0.23	0.71
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.31	0.40	0.51	0.28	0.33	0.33	0.33	0.34	0.96	2.34	10.11
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.20	0.09	0.20	0.16	0.18	0.31	0.33	0.26	0.62	1.44	4.86
Murex HBsAg	GE14/15/16	OD/CO	0.47	0.47	0.50	0.56	0.45	0.51	0.52	0.54	0.61	1.27	3.57
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.53	0.50	0.55	0.53	0.55	0.56	0.53	0.58	0.67	1.25	3.69
Murex HBsAg (version 3)	GE34/36	OD/CO	0.43	0.43	0.37	0.43	0.43	0.38	0.43	0.52	2.52	3.28	12.09
Ortho HBsAg Test System 3	931801	OD/CO	0.21	0.20	0.15	0.09	0.22	0.63	0.24	0.20	0.45	2.22	10.09
PRISM [™] HBsAg	3A4748	S/CO	0.90	0.67	0.62	0.85	0.73	0.68	0.98	0.52	1.76	3.97	15.71
VIDAS HBsAg	30 300	S/CO	0.00	0.04	0.00	0.12	0.00	0.00	0.08	0.08	0.31	1.12	4.27
VITROS <i>ECi</i> HBsAg	843 5307	S/CO	0.13	0.13	0.14	0.13	0.14	0.16	0.20	0.26	1.25	4.32	21.9
PCR Detection* ¹			Neg	Neg	Neg	Neg	POS	POS	POS	POS	POS	POS	POS
HBsAg concentration* ¹		ng/mL	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	0.5	2.3 ¹

BBI HBsAg seroconversion panel PHM917 (subtype undefined)

Product name	Product number	Panel ID	PHM917-01	PHM917-02	PHM917-03
		Days since first bleed	0	36	43
Access® HBs Ag	34220	S/CO	0.50	0.52	2.42
Amerlite HBsAg II	LAN.2212	S/CO	0.15	0.08	2.03
Auszyme monoclonal	1980-24	OD/CO	0.00	0.27	3.27
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.85	1.21	2.76
Bioelisa HBsAg	3000-1080	OD/CO	0.09	0.19	2.03
Bioelisa HBsAg colour	3000-1130	OD/CO	0.34	0.50	2.36
COBAS Core HBsAg II	07/5350/5	OD/CO	0.24	0.43	2.53
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.42	0.50	1.53
Enzymun-Test HBsAg	1288989	OD/CO	0.00	0.12	1.25
ETI-MAK-3	P3142	OD/CO	0.02	0.23	2.86
ETI- MAK-4 (Procedure B)	N0019	OD/CO	0.04	0.57	5.36
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.67	0.71	1.82
Heprofile HBsAg	M450	OD/CO	0.59	0.68	1.53
IMx HBsAg	2228-20	Rate/CO	0.66	0.54	0.93
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.43	0.54	1.30
Microtrak II HBsAg	8HB29	OD/CO	0.13	0.20	0.41
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.35	0.45	4.97
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.26	0.51	3.35
Murex HBsAg	GE14/15/16	OD/CO	0.48	0.71	2.35
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.43	0.51	1.01
Murex HBsAg (version 3)	GE34/36	OD/CO	0.44	0.90	5.10
Ortho HBsAg Test System 3	931801	OD/CO	0.18	0.36	4.51
PRISM™ HBsAg	3A4748	S/CO	0.88	1.41	6.45
VIDAS HBsAg	30 300	S/CO	0.15	0.23	1.96
VITROS ECi HBsAg	843 5307	S/CO	0.27	0.67	8.42
PCR Detection* ¹			Neg	POS	Neg
HBsAg concentration* ¹		ng/mL	<0.1	<0.1	1.0

BBI HBsAg seroconversion panel PHM918 (subtype ad)

Product name	Product number	Panel ID	PHM918-01	PHM918-02	PHM918-03
		Days since	0	7	12
Access [®] HBs Ag	34220	S/CO	0.23	0.39	1.19
Amerlite HBsAg II	LAN.2212	S/CO	0.18	0.05	0.44
Auszyme monoclonal	1980-24	OD/CO	0.66	0.10	0.76
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	1.13	1.24	4.28
Bioelisa HBsAg	3000-1080	OD/CO	0.17	0.73	4.23
Bioelisa HBsAg colour	3000-1130	OD/CO	0.40	0.82	3.63
COBAS Core HBsAg II	07/5350/5	OD/CO	0.17	0.43	0.84
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.46	0.62	1.19
Enzymun-Test HBsAg	1288989	OD/CO	-0.03	0.27	2.00
ETI-MAK-3	P3142	OD/CO	0.17	0.14	0.76
ETI- MAK-4 (Procedure B)	N0019	OD/CO	0.00	1.11	7.25
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.41	0.77	0.71
Heprofile HBsAg	M450	OD/CO	0.42	0.62	0.78
IMx HBsAg	2228-20	Rate/CO	0.64	0.57	0.68
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.59	0.72	1.80
Microtrak II HBsAg	8HB29	OD/CO	0.15	0.20	0.16
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.28	0.42	1.25
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.36	0.53	2.27
Murex HBsAg	GE14/15/16	OD/CO	0.48	0.55	0.78
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.43	0.45	1.51
Murex HBsAg (version 3)	GE34/36	OD/CO	0.53	1.97	6.22
Ortho HBsAg Test System 3	931801	OD/CO	0.14	0.17	0.63
PRISM [™] HBsAg	3A4748	S/CO	0.93	2.33	10.73
VIDAS HBsAg	30 300	S/CO	0.08	0.08	0.54
VITROS <i>ECi</i> HBsAg	843 5307	S/CO	0.16	1.38	9.62
PCR Detection* ¹			POS	POS	POS
HBsAg concentration* ¹		ng/mL	<0.1	0.1	0.9

BBI HBsAg seroconversion panel PHM919 (subtype ad)

Product name	Product number	Panel ID	PHM919 -01	PHM919 -02	PHM919 -03	PHM919 -04	PHM919 -05	PHM919 -06	PHM919 -07	PHM919 -08	PHM919 -09
		Days since first bleed	0	5	7	12	14	19	21	26	28
Access® HBs Ag	34220	S/CO	0.24	0.24	0.27	0.35	0.36	1.02	1.61	5.89	6.76
Amerlite HBsAg II	LAN.2212	S/CO	0.08	0.06	0.06	0.10	0.23	0.56	1.28	14.30	16.05
Auszyme monoclonal	1980-24	OD/CO	-0.03	0.02	0.21	0.20	0.46	1.73	3.05	16.86	18.98
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.74	0.83	0.63	1.14	1.00	1.79	2.61	10.03	16.33
Bioelisa HBsAg	3000-1080	OD/CO	0.02	0.26	0.29	0.19	0.53	1.45	2.56	12.44	14.59
Bioelisa HBsAg colour	3000-1130	OD/CO	0.39	0.31	0.32	0.42	0.50	1.53	1.98	6.26	13.13
COBAS Core HBsAg II	07/5350/5	OD/CO	0.15	0.17	0.19	0.34	0.60	2.00	3.13	13.61	16.46
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.36	0.39	0.35	0.57	0.77	1.46	2.44	9.01	10.35
Enzymun-Test HBsAg	1288989	OD/CO	-0.04	-0.03	-0.01	0.01	0.09	0.60	1.08	6.60	7.78
ETI-MAK-3	P3142	OD/CO	0.08	0.03	0.02	0.30	0.26	1.88	3.52	24.37	21.00
ETI- MAK-4 (Procedure B)	N0019	OD/CO	0.32	0.29	0.04	0.46	0.21	2.04	4.79	28.14	38.36
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.57	0.63	0.75	0.64	0.62	1.08	1.45	3.16	5.39
Heprofile HBsAg	M450	OD/CO	0.48	0.51	0.51	0.58	0.78	1.13	1.71	5.52	6.09
IMx HBsAg	2228-20	Rate/CO	0.50	0.46	0.47	0.54	0.61	0.84	0.98	3.40	3.95
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.44	0.44	0.46	0.64	0.65	0.98	1.66	4.64	5.74
Microtrak II HBsAg	8HB29	OD/CO	0.17	0.15	0.16	0.21	0.14	0.28	0.41	1.54	1.79
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.33	0.38	0.33	0.47	0.75	2.49	4.44	23.55	22.20
Monolisa Ag HBs Plus / Method 3 (37°C for 60 mins)	72314	OD/CO	0.31	0.35	0.26	0.39	0.45	2.06	2.77	9.08	13.55
Monolisa Ag HBs Plus / Method 4 (37°C for 120 mins)	72314	OD/CO	0.30	0.09	0.23	0.40	0.91	4.42	7.44	27.88	36.95
Murex HBsAg	GE14/15/16	OD/CO	0.58	0.44	0.56	0.61	0.68	1.47	1.75	7.40	7.81
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.44	0.42	0.43	0.54	0.49	0.89	1.13	2.88	4.12
Murex HBsAg (version 3)	GE34/36	OD/CO	0.60	0.48	0.56	0.90	1.06	3.24	5.62	22.06	19.63
Ortho HBsAg Test System 3	931801	OD/CO	0.19	0.17	0.14	0.30	0.61	1.65	3.21	18.44	21.67
PRISM™ HBsAg	3A4748	S/CO	<1.00	1.13	1.13	1.08	1.47	4.40	5.75	23.53	32.67
VIDAS HBsAg	30 300	S/CO	0.04	0.12	0.08	0.19	0.19	1.19	1.81	7.69	9.73
VITROS ECi HBsAg	843 5307	S/CO	0.19	0.16	0.15	0.39	0.53	3.71	7.36	39.0	49.0
PCR Detection*			Ind	POS	POS	POS	POS	POS	POS	POS	POS
HBsAg concentration*		ng/mL	<0.1	<0.1	<0.1	<0.1	0.1	0.5	0.9	>2.7	>2.7

BBI HBsAg seroconversion panel PHM920 (subtype ad)

Product name	Product number	Panel ID	PHM920-01	PHM920-02	PHM920-03	PHM920-04	PHM920-05	PHM920-06
		Days since first bleed	0	5	26	35	37	42
Access [®] HBs Ag	34220	S/CO	0.22	0.24	0.87	14.07	28.77	188.12
Amerlite HBsAg II	LAN.2212	S/CO	0.09	0.08	0.61	35.95	81.70	469.65
Auszyme monoclonal	1980-24	OD/CO	-0.03	-0.01	1.98	36.32	40.51	40.14
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.63	0.66	1.92	20.74	37.53	103.54
Bioelisa HBsAg	3000-1080	OD/CO	0.14	0.04	0.42	24.12	43.11	55.44
Bioelisa HBsAg colour	3000-1130	OD/CO	0.32	0.34	1.19	15.74	30.37	40.61
COBAS Core HBsAg II	07/5350/5	OD/CO	0.16	0.14	1.60	34.04	68.62	68.62
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.41	0.39	1.58	20.61	44.68	48.81
Enzymun-Test HBsAg	1288989	OD/CO	-0.09	-0.06	0.69	12.69	30.40	121.56
ETI-MAK-3	P3142	OD/CO	0.02	0.02	1.29	33.99	58.82	56.62
ETI- MAK-4 (Procedure B)	N0019	OD/CO	0.18	-0.07	2.39	50.14	81.18	≥ 107.14
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.71	0.56	0.96	6.81	18.26	24.29
Heprofile HBsAg	M450	OD/CO	0.41	0.47	1.00	13.49	22.45	27.90
IMx HBsAg	2228-20	Rate/CO	0.51	0.52	1.08	6.56	11.39	29.76
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.43	0.45	1.01	10.42	15.25	28.85
Microtrak II HBsAg	8HB29	OD/CO	0.14	0.14	0.26	4.04	9.74	23.19
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.37	0.40	1.90	53.61	66.70	71.47
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.11	0.24	1.33	27.66	44.26	≥ 54.55
Murex HBsAg	GE14/15/16	OD/CO	0.40	0.37	1.00	13.52	24.11	25.79
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.42	0.43	0.81	7.90	13.42	19.23
Murex HBsAg (version 3)	GE34/36	OD/CO	0.38	0.46	2.77	22.06	22.06	22.06
Ortho HBsAg Test System 3	931801	OD/CO	0.17	0.17	2.16	47.21	62.00	93.75
PRISM [™] HBsAg	3A4748	S/CO	0.65	0.75	4.57	44.46	69.07	167.85
VIDAS HBsAg	30 300	S/CO	0.04	0.04	0.85	17.96	41.92	103.96
VITROS EC _i HBsAg	843 5307	S/CO	0.12	0.13	3.55	84.0	218	1250
PCR Detection ^{*1}			Neg	IND	POS	POS	POS	POS
HBsAg concentration ^{*1}		ng/mL	<0.1	<0.1	0.5	>2.7	>2.7	>2.7

BBI HBsAg seroconversion panel PHM921 (subtype ad)

Product name	Product number	Panel ID	PHM921-01	PHM921-02	PHM921-03	PHM921-04	PHM921-05	PHM921-06
		Days since first bleed	0	5	7	12	14	19
Access [®] HBs Ag	34220	S/CO	1.94	3.71	6.73	31.25	57.49	221.69
Amerlite HBsAg II	LAN.2212	S/CO	2.72	8.32	15.05	78.40	132.55	446.20
Auszyme monoclonal	1980-24	OD/CO	3.70	10.78	16.89	42.55	38.46	42.55
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	2.80	7.09	11.94	43.36	59.02	113.93
Bioelisa HBsAg	3000-1080	OD/CO	2.59	7.57	12.79	34.38	48.28	57.35
Bioelisa HBsAg colour	3000-1130	OD/CO	1.55	6.29	8.02	21.34	34.87	39.89
COBAS Core HBsAg II	07/5350/5	OD/CO	3.35	9.37	16.34	58.53	68.62	68.62
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	1.74	4.48	7.84	30.20	48.63	50.98
Enzymun-Test HBsAg	1288989	OD/CO	1.28	3.71	5.85	23.61	43.86	121.56
ETI-MAK-3	P3142	OD/CO	3.17	10.44	16.99	44.38	58.82	55.56
ETI- MAK-4 (Procedure B)	N0019	OD/CO	4.32	13.54	26.68	82.50	98.00	NT
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	1.35	3.37	5.31	10.96	16.21	28.63
Heprofile HBsAg	M450	OD/CO	1.61	3.07	4.01	21.92	27.78	26.09
IMx HBsAg	2228-20	Rate/CO	1.29	2.46	3.33	11.31	15.00	21.19
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	1.49	3.13	4.84	14.47	19.02	27.19
Microtrak II HBsAg	8HB29	OD/CO	0.32	0.91	1.53	6.10	10.85	21.58
Monolisa Ag HBs 2nd Gen	72204	OD/CO	4.64	10.56	16.45	73.43	69.77	73.17
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	2.42	5.31	9.11	29.42	46.66	≥ 54.55
Murex HBsAg	GE14/15/16	OD/CO	1.86	3.95	7.38	21.65	26.79	24.79
Murex HBsAg (version 2)	GE14/15/16	OD/CO	1.11	2.19	3.62	12.53	18.19	19.23
Murex HBsAg (version 3)	GE34/36	OD/CO	5.52	13.13	19.30	22.06	22.06	22.06
Ortho HBsAg Test System 3	931801	OD/CO	5.85	9.05	15.19	73.18	79.60	93.75
PRISM [™] HBsAg	3A4748	S/CO	6.50	16.41	27.00	72.85	107.46	207.17
VIDAS HBsAg	30 300	S/CO	2.00	6.19	10.15	32.31	56.88	105.96
VITROS ECi HBsAg	843 5307	S/CO	6.83	20.7	37.9	151	238	1100
PCR Detection*1			POS	POS	POS	POS	POS	POS
HBsAg concentration*1		ng/mL	0.7	>2.7	>2.7	>2.7	>2.7	>2.7

BBI HBsAg seroconversion panel PHM922 (subtype ad)

Product name	Product number	Panel ID Days since first bleed	PHM922	PHM922	PHM922	PHM922	PHM922	PHM922	PHM922	PHM922	PHM922	PHM922	PHM922	PHM922
			-01	-02	-03	-04	-05	-06	-07	-08	-09	-10	-11	-12
			0	2	7	9	14	16	21	24	28	31	35	38
Access® HBs Ag	34220	S/CO	0.21	0.22	0.23	0.24	0.22	0.34	2.00	9.93	20.49	53.82	202.19	443.56
Amerlite HBsAg II	LAN.2212	S/CO	0.06	0.06	0.05	0.12	0.09	0.26	5.32	27.60	92.05	309.25	1032.40	1560.50
Auszyme monoclonal	1980-24	OD/CO	0.00	-0.01	0.16	0.20	0.26	0.99	7.21	29.41	38.10	38.48	30.29	40.88
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.88	0.70	0.95	0.86	0.89	1.72	6.11	17.76	49.88	98.67	163.25	201.23
Bioelisa HBsAg	3000-1080	OD/CO	0.05	0.21	0.12	0.10	0.37	0.54	7.05	20.31	41.59	51.52	59.28	56.89
Bioelisa HBsAg colour	3000-1130	OD/CO	0.26	0.26	0.27	0.36	0.42	0.82	6.53	17.71	32.86	39.45	41.73	40.13
COBAS Core HBsAg II	07/5350/5	OD/CO	0.17	0.17	0.27	0.31	0.30	0.81	7.30	25.17	68.62	68.62	68.62	68.62
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.48	0.39	0.36	0.44	0.50	0.84	4.61	14.03	45.30	52.30	51.95	46.37
Enzymun-Test HBsAg	1288989	OD/CO	0.03	0.02	0.05	0.11	0.11	0.45	3.15	10.25	34.87	100.86	121.56	121.56
ETI-MAK-3	P3142	OD/CO	0.03	0.14	0.16	0.03	0.08	1.32	8.18	26.13	56.62	57.69	57.19	58.26
ETI-MAK-4 (Procedure B)	N0019	OD/CO	-0.36	0.00	0.29	0.18	0.89	2.39	13.61	47.36	96.64	≥107.14	≥107.14	≥107.14
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.65	0.52	0.60	0.70	0.53	0.74	2.55	5.44	20.75	19.74	24.85	18.64
Heprofile HBsAg	M450	OD/CO	0.60	0.55	0.73	0.66	0.68	0.91	2.51	8.38	27.24	29.70	26.93	28.13
IMx HBsAg	2228-20	Rate/CO	0.44	0.48	0.55	0.50	0.51	0.84	2.42	5.21	13.52	26.25	46.60	53.27
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.51	0.49	0.49	0.54	0.61	0.89	3.18	8.60	18.98	26.80	≥ 28.85	≥ 28.85
Microtrak II HBsAg	8HB29	OD/CO	0.14	0.14	0.18	0.16	0.14	0.14	0.78	2.79	8.74	20.03	23.72	22.89
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.31	0.31	0.34	0.43	0.56	1.17	10.65	32.37	68.97	74.37	74.28	80.01
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.31	0.33	0.24	0.27	0.16	0.75	6.53	18.18	48.04	≥ 54.55	≥ 54.55	≥ 54.55
Murex HBsAg	GE14/15/16	OD/CO	0.53	0.53	0.49	0.57	0.65	0.87	3.55	9.42	25.23	24.76	25.91	23.86
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.58	0.47	0.51	0.57	0.50	0.61	2.37	4.42	16.92	19.23	19.23	19.23
Murex HBsAg (version 3)	GE34/36	OD/CO	0.46	0.47	0.67	1.04	0.93	2.54	11.85	22.06	22.06	22.06	22.06	22.06
Ortho HBsAg Test System 3	931801	OD/CO	0.11	0.14	0.25	0.31	0.20	1.33	8.66	39.21	87.42	93.75	89.73	90.99
PRISM™ HBsAg	3A4748	S/CO	0.88	0.65	0.87	1.08	1.13	2.60	12.53	39.10	86.53	150.67	247.18	313.95
VIDAS HBsAg	30 300	S/CO	0.08	0.23	0.15	0.19	0.15	0.62	4.81	16.15	47.58	83.54	125.85	129.04
VITROS ECi HBsAg	843 5307	S/CO	0.10	0.11	0.20	0.31	0.34	1.86	21.9	67.4	241	618	2230	4700
PCR Detection* ¹			POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS
HBsAg concentration* ¹		ng/mL	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	1.1	>2.7	>2.7	>2.7	>2.7	>2.7

BBI HBsAg seroconversion panel PHM923 (subtype ay)

Product name	Product number	Panel ID	PHM923-01	PHM923-02	PHM923-03	PHM923-04
		Days since first bleed	0	7	15	22
Access [®] HBs Ag	34220	S/CO	0.26	0.26	0.55	0.79
Amerlite HBsAg II	LAN.2212	S/CO	0.07	0.07	0.66	0.47
Auszyme monoclonal	1980-24	OD/CO	0.00	0.08	1.19	1.90
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.71	1.12	1.37	2.11
Bioelisa HBsAg	3000-1080	OD/CO	0.13	0.29	0.72	0.90
Bioelisa HBsAg colour	3000-1130	OD/CO	0.30	0.43	1.00	1.51
COBAS Core HBsAg II	07/5350/5	OD/CO	0.25	0.32	1.31	1.98
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.55	0.70	1.05	1.34
Enzymun-Test HBsAg	1288989	OD/CO	0.37	0.13	0.58	0.83
ETI-MAK-3	P3142	OD/CO	0.05	0.09	0.85	1.84
ETI- MAK-4 (Procedure B)	N0019	OD/CO	0.14	0.39	1.64	2.36
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.62	0.71	0.90	1.12
Heprofile HBsAg	M450	OD/CO	0.56	0.53	0.79	1.25
IMx HBsAg	2228-20	Rate/CO	0.55	0.50	0.76	0.71
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.43	0.59	0.76	0.85
Microtrak II HBsAg	8HB29	OD/CO	0.16	0.15	0.23	0.22
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.43	0.41	1.14	2.10
Monolisa Ag HBs Plus / Method 3 (37°C for 60 mins)	72314	OD/CO	0.16	0.29	1.06	1.42
Monolisa Ag HBs Plus / Method 4 (37°C for 120 mins)	72314	OD/CO	0.07	0.30	2.05	3.56
Murex HBsAg	GE14/15/16	OD/CO	0.51	0.56	1.03	1.31
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.50	0.67	0.80	1.44
Murex HBsAg (version 3)	GE34/36	OD/CO	0.54	0.74	1.63	2.34
Ortho HBsAg Test System 3	931801	OD/CO	0.06	0.23	1.37	2.58
PRISM [™] HBsAg	3A4748	S/CO	1.12	1.25	3.32	5.21
VIDAS HBsAg	30 300	S/CO	0.12	0.19	0.92	1.19
VITROS ECi HBsAg	843 5307	S/CO	0.15	0.27	2.36	4.35
PCR Detection*1			POS	POS	POS	POS
HBsAg concentration*1		ng/mL	<0.1	<0.1	0.2	0.5

BBI HBsAg seroconversion panel PHM924 (subtype ad)

Product name	Product number	Panel ID	PHM924-01	PHM924-02	PHM924-03	PHM924-04	PHM924-05
		Days since first bleed	0	23	29	35	43
Access [®] HBs Ag	34220	S/CO	0.23	0.36	0.51	0.85	3.12
Amerlite HBsAg II	LAN.2212	S/CO	0.08	0.07	1.24	1.17	7.90
Auszyme monoclonal	1980-24	OD/CO	0.00	0.33	0.77	2.33	9.24
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.73	1.10	1.34	2.39	6.91
Bioelisa HBsAg	3000-1080	OD/CO	0.40	0.66	1.25	2.34	8.16
Bioelisa HBsAg colour	3000-1130	OD/CO	0.26	0.56	0.81	1.23	6.35
COBAS Core HBsAg II	07/5350/5	OD/CO	0.26	0.53	1.05	2.43	8.77
Enzygnost HBsAg monoclonal II	OQC110/11	OD/CO	0.43	0.46	0.73	1.48	4.62
Enzymun-Test HBsAg	1288989	OD/CO	-0.05	0.10	0.36	0.99	3.70
ETI-MAK-3	P3142	OD/CO	0.02	0.30	0.74	2.84	10.00
ETI- MAK-4 (Procedure B)	N0019	OD/CO	-0.29	0.43	1.29	4.18	15.43
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.46	0.63	0.69	1.11	2.97
Heprofile HBsAg	M450	OD/CO	0.33	0.57	0.89	1.09	3.32
IMx HBsAg	2228-20	Rate/CO	0.48	0.68	0.84	1.05	2.46
Labsystems HBsAg EIA Plus (Procedure A)	6110 802	OD/CO	0.45	0.70	0.85	1.32	3.53
Microtrak II HBsAg	8HB29	OD/CO	0.15	0.15	0.18	0.24	0.89
Monolisa Ag HBs 2nd Gen	72204	OD/CO	0.37	0.55	1.09	2.43	9.71
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.11	0.58	1.11	1.69	6.78
Murex HBsAg	GE14/15/16	OD/CO	0.56	0.56	0.77	1.42	4.42
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.49	0.71	0.88	1.33	4.77
Murex HBsAg (version 3)	GE34/36	OD/CO	0.49	0.88	1.68	3.41	11.30
Ortho HBsAg Test System 3	931801	OD/CO	0.19	0.57	0.94	2.46	9.48
PRISM [™] HBsAg	3A4748	S/CO	0.70	1.19	2.21	4.60	15.39
VIDAS HBsAg	30 300	S/CO	0.00	0.23	0.54	1.35	5.38
VITROS [®] ECi HBsAg	843 5307	S/CO	0.10	0.39	1.36	4.26	17.2
PCR Detection* ¹			Ind	POS	POS	POS	POS
HBsAg concentration* ¹		ng/mL	<0.1	<0.1	0.2	0.5	2.1

BBI HBsAg seroconversion panel PHM925 (subtype indeterminate)

Product name	Product number	Panel ID	PHM925-01	PHM925-02	PHM925-03	PHM925-04	PHM925-05
		Days since first bleed	0	4	8	14	17
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.67	0.85	1.21	2.42	2.50
ETI- MAK- 4	N0019	OD/CO	0.38	0.81	1.56	2.81	4.59
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.58	0.07	0.08	1.52	1.07
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.43	0.41	0.63	0.94	0.93
Murex HBsAg (version 3)	GE34/36	OD/CO	0.65	1.04	1.89	3.82	4.39
Roche Amplicor HBsAg PCR* ¹		copies/ml	<4x10 ²	<4x10 ²	2x10 ³	5x10 ³	1x10 ⁴

BBI HBsAg seroconversion panel PHM926 (subtype indeterminate)

Product name	Product number	Panel ID	PHM926 - 01	PHM926 - 02	PHM926 - 03	PHM926 - 04	PHM926 - 05	PHM926 - 06	PHM926 - 07	PHM926 - 08
		Days since first bleed	0	2	9	13	15	20	23	27
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.56	0.61	0.95	1.12	1.42	2.64	4.33	10.25
ETI- MAK- 4	N0019	OD/CO	-0.03	0.34	0.97	2.09	3.44	7.84	10.66	26.44
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.38	0.04	0.56	0.78	1.03	1.59	1.93	4.08
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.38	0.37	0.50	0.57	0.75	1.21	1.72	3.50
Murex HBsAg (version 3)	GE34/36	OD/CO	0.56	0.56	1.18	2.24	3.74	9.40	15.16	32.58
Roche Amplicor HBV Monitor™* ¹		copies/ml	<4 x 10 ²	<4 x 10 ²	2 x 10 ³	6 x 10 ³	1 x 10 ⁴	6 x 10 ⁴	1 x 10 ⁵	6 x 10 ⁵

BBI HBsAg seroconversion panel PHM927 (subtype indeterminate)

Product name	Product number	Panel ID	PHM927-01	PHM927-02	PHM927-03	PHM927-04	PHM927-05	PHM927-06
		Days since first bleed	0	4	7	11	14	18
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.76	1.10	2.06	6.47	14.22	53.27
ETI- MAK- 4	N0019	OD/CO	0.38	2.00	3.91	16.22	37.97	93.75
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.63	0.86	1.34	4.60	10.90	30.15
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.46	0.60	0.81	2.29	5.21	18.30
Murex HBsAg (version 3)	GE34/36	OD/CO	0.82	2.00	4.15	14.07	31.57	33.71
Roche Amplicor HBV Monitor™* ¹		copies/ml	8 x 10 ²	4 x 10 ³	2 x 10 ⁴	5 x 10 ⁴	2 x 10 ⁵	8 x 10 ⁵

BBI HBsAg seroconversion panel PHM928 (subtype ad)

Product name	Product number	Panel ID	PHM928-01	PHM928-02	PHM928-03	PHM928-04	PHM928-05	PHM928-06	PHM928-07
		Days since first bleed	0	2	7	9	14	16	21
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.53	0.46	0.68	1.18	3.52	4.32	36.45
ETI- MAK- 4	N0019	OD/CO	0.00	0.22	0.44	1.03	5.84	9.75	71.88
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.41	0.45	0.54	0.79	2.22	2.78	21.66
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.39	0.42	0.46	0.51	1.25	1.50	11.24
Murex HBsAg (version 3)	GE34/36	OD/CO	0.42	0.52	1.18	1.25	6.34	7.84	33.71
Roche AmpliCor HBV Monitor [™] *1		copies/ml	<4 x 10 ²	6 x 10 ³	5 x 10 ³	1 x 10 ⁴	2 x 10 ⁵	2 x 10 ⁵	8 x 10 ⁵

BBI HBsAg seroconversion panel PHM929 (subtype ad)

Product name	Product number	Panel ID	PHM929 - 01	PHM929 - 02	PHM929 - 03	PHM929 - 04	PHM929 - 05	PHM929 - 06	PHM929 - 07	PHM929 - 08	PHM929 - 09
		Days since first bleed	0	4	7	11	14	18	21	25	29
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.48	0.67	0.61	0.73	1.17	1.61	2.80	7.25	18.93
ETI- MAK- 4	N0019	OD/CO	0.13	0.06	0.38	0.44	1.25	3.28	5.72	16.06	42.16
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.35	0.35	0.44	0.51	0.58	1.02	1.61	3.60	9.91
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.37	0.39	0.45	0.44	0.50	0.74	1.09	2.10	5.75
Murex HBsAg (version 3)	GE34/36	OD/CO	0.43	0.47	0.60	0.75	1.38	2.90	4.98	11.94	29.69
Roche AmpliCor HBV Monitor [™] *1		copies/ml	<4 x 10 ²	<4 x 10 ²	4 x 10 ²	1 x 10 ³	4 x 10 ³	1 x 10 ⁴	3 x 10 ⁴	8 x 10 ⁴	3 x 10 ³

BBI HBsAg seroconversion panel PHM930 (subtype ad)

Product name	Product number	Panel ID	PHM930-01	PHM930-02	PHM930-03	PHM930-04	PHM930-05
		Days since first bleed	0	3	8	12	15
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.76	1.54	10.76	31.10	54.96
ETI- MAK- 4	N0019	OD/CO	0.19	1.75	16.06	42.94	93.75
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.39	1.10	6.97	17.81	37.95
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.37	0.72	3.36	9.07	22.57
Murex HBsAg (version 3)	GE34/36	OD/CO	0.60	3.02	19.45	33.71	33.71
Roche AmpliCor HBV Monitor [™] *1		copies/ml	1 x 10 ⁴	6 x 10 ⁴	2 x 10 ⁵	3 x 10 ⁵	1 x 10 ⁶

BBI HBsAg seroconversion panel PHM931 (subtype indeterminate)

Product name	Product number	Panel ID	PHM931-01	PHM931-02	PHM931-03	PHM931-04	PHM931-05	PHM931-06	PHM931-07	PHM931-08
		Days since first bleed	0	5	12	14	19	21	26	28
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.61	0.59	0.74	0.83	1.75	2.62	7.31	12.96
ETI- MAK- 4	N0019	OD/CO	0.25	0.19	0.56	0.72	2.22	3.22	14.75	29.66
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.37	0.40	0.49	0.50	0.82	1.25	3.76	7.73
Murex HBsAg (version 2)	GE14/15/16	OD/CO	0.43	0.41	0.42	0.48	0.66	0.83	2.27	4.04
Murex HBsAg (version 3)	GE34/36	OD/CO	0.48	0.56	0.80	0.99	2.24	3.45	12.97	26.82
Roche Amplicor HBV Monitor™ *1		copies/ml	<4 x 10 ²	<4 x 10 ²	3 x 10 ³	7 x 10 ³	2 x 10 ⁴	5 x 10 ⁴	1 x 10 ⁵	2 x 10 ⁵

BCP HBsAg seroconversion panel HBV 6271 (Donor no. 61248)

Product name	Product number	Panel ID	6271-01	6271-02	6271-03	6271-04	6271-05
		Days since first bleed	0	3	7	12	18
ACCESS HBsAg	34220	S/CO	0.26	0.29	0.44	1.02	7.54
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.58	0.77	0.97	2.84	17.09
ETI- MAK-4	N0019	OD/CO	0.04	0.36	1.25	8.36	53.93
Hepanostika Uniform II HBsAg	6019	OD/CO	0.49	0.52	0.70	2.49	14.08
Labsystems HBsAg EIA Plus	6110 802	OD/CO	0.46	0.49	0.70	1.62	8.84
Monolisa Ag HBs Plus	72314	OD/CO	0.22	0.24	0.40	2.02	12.09
Murex HBsAg version 2	GE/14/15/16	OD/CO	0.51	0.57	0.69	2.31	12.28
Murex HBsAg version 3	GE/34/36	OD/CO	0.60	0.81	1.71	7.75	23.26
VITROS Eci HBsAg	843 5307	S/CO	0.14	0.20	0.80	8.37	68.6

BCP HBsAg seroconversion panel HBV 6272 (Donor no. 61291)

Product name	Product number	Panel ID	6272-01	6272-02	6272-03	6272-04	6272-05	6272-06	6272-07	6272-08	6272-09	6272-10	6272-11	6272-12	6272-13	6272-14	6272-15	6272-16	6272-17	6272-18	6272-19	6272-20	6272-21	6272-22	6272-23	6272-24	6272-25	6272-26
			Days since first bleed	0	2	7	23	25	30	32	37	39	44	46	51	53	58	60	65	67	72	74	94	97	101	104	108	111
ACCESS HBsAg	34220	S/CO	0.27	0.30	0.30	0.27	0.26	0.27	0.30	0.27	0.26	0.29	0.30	0.42	0.29	0.32	0.29	0.33	0.27	0.22	0.25	0.30	0.29	0.33	0.31	0.35	0.35	0.50
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.53	0.55	0.62	0.60	0.49	0.57	0.63	0.52	0.53	0.64	0.71	0.56	0.56	0.55	0.60	0.59	0.64	0.52	0.62	1.06	1.31	1.56	2.00	2.84	3.46	5.57
ETI- MAK-4	N0019	OD/CO	0.18	0.00	-0.07	-0.39	-0.04	0.00	-0.04	0.32	0.18	-0.11	0.00	-0.36	0.00	0.04	-0.07	0.29	0.18	0.11	0.11	0.29	0.79	1.25	1.55	3.28	7.83	12.31
Hepanostika Uniform II HBsAg	6019	OD/CO	0.48	0.47	0.52	0.50	0.49	0.49	0.51	0.44	0.48	0.51	0.57	0.44	0.48	0.49	0.52	0.45	0.48	0.56	0.52	0.53	0.59	0.69	0.75	1.03	1.88	3.44
Labsystems HBsAg EIA Plus	6110 802	OD/CO	0.55	0.48	0.44	0.45	0.45	0.50	0.51	0.45	0.57	0.51	0.45	0.44	0.45	0.52	0.51	0.44	0.59	0.46	0.45	0.45	0.47	0.56	0.59	0.61	0.96	0.90
Monolisa Ag HBs Plus	72314	OD/CO	0.29	0.02	0.13	0.04	0.16	0.13	0.09	0.24	0.29	0.04	0.18	0.04	0.13	0.16	0.11	0.33	0.33	0.02	0.16	0.02	0.16	0.22	0.13	0.38	0.76	1.60
Murex HBsAg version 2	GE/14/15/16	OD/CO	0.54	0.47	0.36	0.50	0.51	0.51	0.48	0.53	0.50	0.49	0.36	0.57	0.50	0.53	0.50	0.62	0.47	0.50	0.49	0.47	0.52	0.52	0.54	0.64	0.85	1.21
Murex HBsAg version 3	GE/34/36	OD/CO	0.56	0.56	0.56	0.56	0.49	0.68	0.52	0.50	0.51	0.53	0.51	0.54	0.53	0.65	0.54	0.58	0.64	0.67	1.41	1.00	1.31	1.60	2.26	3.31	4.93	8.36
VITROS Eci HBsAg	843 5307	S/CO	0.13	0.12	0.11	0.12	0.13	0.13	0.13	0.11	0.12	0.13	0.13	0.14	0.12	0.13	0.12	0.13	0.14	0.15	0.12	0.14	0.14	0.16	0.23	0.53	1.86	6.72

BCP HBsAg seroconversion panel HBV 6273 (Donor no. 61042)

Product name	Product number	Panel ID	6273-01	6273-02	6273-03	6273-04	6273-05	6273-06
		Days since first bleed	0	3	7	14	25	30
ACCESS HBsAg	34220	S/CO	0.28	0.28	0.28	0.33	1.11	5.33
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.78	0.60	0.57	0.96	4.82	31.54
ETI- MAK-4	N0019	OD/CO	0.10	0.00	0.00	0.52	12.83	80.86
Hepanostika Uniform II HBsAg	6019	OD/CO	0.56	0.53	0.49	0.71	3.26	19.12
Labsystems HBsAg EIA Plus	6110 802	OD/CO	0.50	0.50	0.53	0.86	2.60	12.51
Monolisa Ag HBs Plus	72314	OD/CO	0.20	0.02	0.16	0.24	2.31	15.91
Murex HBsAg version 2	GE/14/15/16	OD/CO	0.51	0.42	0.49	0.44	1.97	10.13
Murex HBsAg version 3	GE/34/36	OD/CO	0.51	0.57	0.54	0.90	9.68	23.26
VITROS <i>ECi</i> HBsAg	843 5307	S/CO	0.14	0.13	0.13	0.38	12.9	90.8

BCP HBsAg seroconversion panel HBV 6274 (Donor no. 61799)

Product name	Product number	Panel ID	6274-01	6274-02	6274-03	6274-04	6274-05	6274-06	6274-07
		Days since first bleed	0	4	8	11	15	18	22
ACCESS HBsAg	34220	S/CO	0.33	0.52	0.50	0.49	1.73	3.48	17.45
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.88	1.25	1.98	3.32	10.92	21.47	58.25
ETI- MAK-4	N0019	OD/CO	0.76	1.86	5.69	12.31	38.45	78.69	=103.45
Hepanostika Uniform II HBsAg	6019	OD/CO	0.62	0.76	1.14	1.30	6.84	17.23	38.85
Labsystems HBsAg EIA Plus	6110 802	OD/CO	0.65	0.69	0.87	1.00	3.36	9.77	19.65
Monolisa Ag HBs Plus	72314	OD/CO	0.38	0.36	0.47	0.42	3.91	10.38	34.58
Murex HBsAg version 2	GE/14/15/16	OD/CO	0.47	0.57	0.81	1.19	3.44	7.94	16.96
Murex HBsAg version 3	GE/34/36	OD/CO	1.00	1.68	3.13	4.71	15.37	23.26	23.26
Vitros <i>ECi</i> HBsAg	843 5307	S/CO	0.46	1.04	1.91	2.70	8.91	63.3	247

BCP HBsAg seroconversion panel HBV 6275 (Donor no. 61066)

Product name	Product number	Panel ID	6275-01	6275-02	6275-03	6275-04	6275-05	6275-06	6275-07
		Days since first bleed	0	2	7	9	22	27	29
ACCESS HBsAg	34220	S/CO	0.27	0.31	0.40	0.40	1.14	2.87	3.07
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.55	0.53	2.03	1.16	4.05	8.45	10.22
ETI- MAK-4	N0019	OD/CO	0.21	0.14	0.31	0.45	6.28	19.83	24.79
Hepanostika Uniform II HBsAg	6019	OD/CO	0.53	0.51	0.62	0.58	2.39	5.66	5.93
Labsystems HBsAg EIA Plus	6110 802	OD/CO	0.45	0.56	0.57	0.55	1.30	3.05	4.86
Monolisa Ag HBs Plus	72314	OD/CO	0.38	0.27	0.22	0.24	2.00	7.71	8.67
Murex HBsAg version 2	GE/14/15/16	OD/CO	0.53	0.50	0.54	0.61	1.64	4.24	5.46
Murex HBsAg version 3	GE/34/36	OD/CO	0.57	0.54	0.90	0.94	5.47	13.36	18.57
Vitros <i>ECi</i> HBsAg	843 5307	S/CO	0.17	0.19	0.45	0.55	8.91	28.80	38.80

BCP HBsAg seroconversion panel HBV 6276 (Donor no. 60409)

Product name	Product number	Panel ID	6276-01	6276-02	6276-03	6276-04	6276-05	6276-06	6276-07	6276-08
		Days since first bleed	0	3	7	10	14	17	27	29
ACCESS HBsAg	34220	S/CO	0.26	0.27	0.24	0.25	0.27	0.33	0.39	0.53
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.65	0.61	0.53	0.63	0.64	0.53	0.98	1.18
ETI- MAK-4	N0019	OD/CO	-0.10	0.21	0.21	0.10	0.07	-0.07	1.24	2.35
Hepanostika Uniform II HBsAg	6019	OD/CO	0.48	0.49	0.54	0.53	0.53	0.54	0.83	0.97
Labsystems HBsAg EIA Plus	6110 802	OD/CO	0.56	0.47	0.55	0.54	0.48	0.46	0.64	0.87
Monolisa Ag HBs Plus	72314	OD/CO	0.13	0.24	0.29	0.07	0.18	0.11	0.53	0.69
Murex HBsAg version 2	GE/14/15/16	OD/CO	0.50	0.51	0.52	0.47	0.50	0.49	0.66	0.78
Murex HBsAg version 3	GE/34/36	OD/CO	0.56	0.56	0.52	0.61	0.68	0.69	1.24	1.78
Vitros <i>ECi</i> HBsAg	843 5307	S/CO	0.15	0.14	0.18	0.16	0.17	0.18	1.13	1.42

BCP HBsAg seroconversion panel HBV 6277 (Donor no. 63291)

Product name	Product number	Panel ID	6277-01	6277-02	6277-03	6277-04	6277-05	6277-06	6277-07	6277-08	6277-09	6277-10	6277-11
		Days since first bleed	0	4	21	26	28	33	35	40	42	47	49
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.38	0.47	0.42	0.47	0.52	0.66	0.88	1.71	2.82	9.43	10.18
ETI- MAK-4	N0019	OD/CO	0.13	0.09	0.19	0.16	0.47	1.13	1.63	7.91	6.97	61.41	35.50
Murex HBsAg version 3	GE/34/36	OD/CO	0.51	0.54	0.42	0.52	0.57	0.88	1.60	2.87	6.17	19.61	32.33

BCP HBsAg seroconversion panel HBV 6278 (Donor no. 63426)

Product name	Product number	Panel ID	6278-01	6278-02	6278-03	6278-04	6278-05	6278-06	6278-07	6278-08	6278-09	6278-10	6278-11
		Days since first bleed	0	4	8	12	16	19	23	26	33	37	41
AxSYM [®] HBsAg (V2)	7A40-22	S/CO	0.51	0.49	0.60	1.43	6.57	34.17	65.32	126.21	205.08	172.53	145.05
ETI- MAK 4	N0019	OD/CO	0.03	0.34	0.56	4.22	24.09	93.75	93.75	93.75	93.75	93.75	93.75
Murex HBsAg version 3	GE/34/36	OD/CO	0.43	0.58	0.75	3.87	18.00	33.71	33.71	33.71	33.71	33.71	33.71

BCP HBsAg seroconversion panel HBV 6279 (Donor no. 63701)

Product name	Product number	Panel ID	6279-01	6279-02	6279-03	6279-04	6279-05	6279-06	6279-07
		Days since first bleed	0	12	14	19	21	26	28
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.51	0.56	0.43	0.48	0.55	0.76	1.17
ETI- MAK-4	N0019	OD/CO	1.06	0.50	0.34	0.31	0.91	1.97	4.22
Murex HBsAg version 3	GE/34/36	OD/CO	0.52	0.49	0.47	0.65	0.78	1.48	4.75

BCP HBsAg seroconversion panel HBV 6280 (Donor no. 61832)

Product name	Product number	Panel ID	6280-01	6280-02	6280-03	6280-04	6280-05
		Days since first bleed	0	13	15	21	27
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.62	1.26	1.92	7.13	29.26
ETI- MAK-4	N0019	OD/CO	0.13	4.66	10.38	54.88	93.75
Murex HBsAg version 3	GE/34/36	OD/CO	8.08	1.61	2.84	12.21	33.71
Research use PCR* ³		copies/ml	4×10^3	2.1×10^4	1.9×10^4	2.8×10^5	4.7×10^5

BCP HBsAg seroconversion panel HBV 6281 (Donor no. 62433)

Product name	Product number	Panel ID	6281-01	6281-02	6281-03	6281-04	6281-05	6281-06	6281-07	6281-08	6281-09	6281-10	6281-11	6281-12
			Days since first bleed	0	5	7	13	19	22	33	36	41	43	50
Abbott Auszyme HBsAg*	1980-24	OD/CO	0.10	0.10	0.27	0.30	0.40	1.11	5.22	6.71	11.12	2.93	0.17	0.10
AxSym HBsAg*	7A44-20	S/CO	0.57	0.59	0.55	0.63	0.81	1.63	3.50	5.11	9.53	2.54	0.55	0.58
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.82	0.58	0.71	0.91	0.84	1.43	3.50	5.53	12.10	3.73	0.69	0.72
COBAS core HBsAg II EIA*	07/5350/5	OD/CO	0.13	0.24	0.22	0.50	0.67	1.50	5.46	7.33	17.20	3.59	0.37	0.15
Enzygnost HBsAg monoclonal II*	OQC110/11	OD/CO	0.42	0.37	0.40	0.49	0.66	1.29	2.54	3.48	6.94	1.86	0.40	0.44
Enzymun HBsAg*	1288989	S/CO	0.40	0.54	0.40	0.30	0.57	1.92	6.70	8.57	14.96	4.38	0.33	0.45
ETI-MAK 3 HBsAg*	P3412	OD/CO	0.21	0.22	0.18	0.31	0.47	1.08	2.21	4.40	7.52	1.70	0.24	0.20
ETI-MAK-4	N0019	OD/CO	-0.10	0.14	0.07	0.14	0.48	2.76	12.76	15.83	32.07	7.79	0.10	-0.17
Hepanostika HBsAg Uni-Form II*	6019/6023	OD/CO	0.41	0.55	0.40	0.52	0.64	1.56	4.05	5.25	11.04	2.78	0.36	0.37
Immulite HBsAg	LKHB1	S/CO	0.43	0.40	0.46	0.50	0.53	1.12	2.55	3.27	7.42	2.04	0.38	0.36
Labsystems HBsAg EIA Plus	6110 802	OD/CO	0.43	0.54	0.51	0.49	0.65	0.77	1.41	2.03	3.50	1.38	0.51	0.43
Monolisa Ag HBs Plus / Method 3 (37°C for 60 mins)	72314	OD/CO	0.04	0.07	-0.02	0.13	0.18	0.38	1.13	1.51	5.80	0.69	-0.07	0.11
Monolisa Ag HBs Plus / Method 4 (37°C for 120 mins)	72314	OD/CO	0.16	0.05	0.19	0.26	0.05	0.88	3.74	3.77	17.49	2.00	0.09	0.21
Ortho HBsAg ELISA Test System 3*	931801	OD/CO	0.55	0.41	0.55	0.80	1.16	3.34	11.20	14.84	27.73	6.76	0.43	0.32
PRISM HBsAg*	3A47-48	S/CO	0.30	0.28	0.31	0.69	1.14	4.26	18.57	26.09	42.93	13.46	0.21	0.22
VIDAS HBsAg*	30 300	S/CO	0.12	0.14	0.11	0.28	0.36	1.34	3.36	4.31	9.82	2.21	0.07	0.08
Research use PCR* ³		copies/ml	1x10 ²	2x10 ²	5x10 ²	2x10 ²	1.7x10 ³	6.5x10 ³	2.7x10 ⁴	2x10 ⁴	8.1x10 ³	4.7x10 ³	<1x10 ²	<1x10 ²

BCP HBsAg seroconversion panel HBV 6282 (Donor no. 62675)

Product name	Product number	Panel ID	6282-01	6282-02	6282-03	6282-04	6282-05	6282-06	6282-07	6282-08	6282-09	6282-10	6282-11	6282-12	6282-13	6282-14
		Days since first bleed	0	2	7	12	14	19	21	26	28	33	35	40	43	47
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.41	0.39	0.43	0.48	0.57	1.06	1.64	6.78	10.02	29.58	56.39	139.15	149.26	199.84
ETI- MAK-4	N0019	OD/CO	0.07	0.03	-0.07	0.07	0.80	2.40	5.20	25.43	35.93	88.93	100.00	100.00	100.00	100.00
Murex HBsAg (version 3)	GE34/36	OD/CO	0.51	0.50	0.47	0.60	0.88	2.21	4.00	17.44	23.32	31.92	31.92	31.92	31.92	31.92
Research use PCR* ³		copies/ml	5 x 10 ²	5 x 10 ²	5 x 10 ²	7.1 x 10 ³	8.2 x 10 ³	6.5 x 10 ⁴	1.9 x 10 ⁴	2 x 10 ⁵	7.5 x 10 ⁵	2.7 x 10 ⁶	6.7 x 10 ⁶	3.1 x 10 ⁷	4.3 x 10 ⁷	>5 x 10 ⁷

BCP HBsAg seroconversion panel HBV 6288 (Donor no. 63568)

Product name	Product number	Panel ID	6288-01	6288-02	6288-03	6288-04	6288-05	6288-06	6288-07	6288-08	6288-09
		Days since first bleed	0	3	7	10	14	17	21	24	28
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.36	0.43	0.48	0.56	0.87	1.74	3.38	4.61	7.56
ETI- MAK-4	N0019	OD/CO	0.10	0.13	0.27	0.70	1.97	4.17	10.37	15.07	22.47
Murex HBsAg (version 3)	GE34/36	OD/CO	0.57	0.64	0.72	1.00	1.76	3.30	7.31	11.67	15.01
Research use PCR* ³		copies/ml	5 x 10 ²	4 x 10 ³	3.2 x 10 ³	6.2 x 10 ³	1 x 10 ⁴	2.4 x 10 ⁴	2.2 x 10 ⁴	4.4 x 10 ⁴	7.2 x 10 ⁴

BCP HBsAg seroconversion panel HBV 6291 (Donor no. 64121)

Product name	Product number	Panel ID	6291-01	6291-02	6291-03	6291-04	6291-05	6291-06	6291-07	6291-08
		Days since first bleed	0	2	8	10	15	27	34	36
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.43	0.39	0.46	0.43	0.42	1.55	5.10	8.07
ETI- MAK-4	N0019	OD/CO	-0.10	0.03	-0.07	-0.03	-0.10	3.53	15.47	26.83
Murex HBsAg (version 3)	GE34/36	OD/CO	0.51	0.50	0.56	0.48	0.60	2.98	10.78	16.76
Research use PCR* ³		copies/ml	1 x 10 ²	1 x 10 ²	1 x 10 ²	5 x 10 ²	5 x 10 ²	3.4 x 10 ³	6.3 x 10 ⁴	6.3 x 10 ⁴

BCP HBsAg seroconversion panel HBV 6292 (Donor no. 64006)

Product name	Product number	Panel ID	6292-01	6292-02	6292-03	6292-04	6292-05	6292-06	6292-07	6292-08	6292-09	6292-10	6292-11	6292-12
		Days since first bleed	0	2	9	11	21	23	29	35	42	44	49	52
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.35	0.41	0.44	0.49	0.58	0.46	0.72	1.76	11.77	17.85	58.17	89.93
ETI- MAK-4	N0019	OD/CO	-0.10	0.07	-0.13	-0.10	-0.03	0.03	1.10	3.77	34.40	55.97	100.00	100.00
Murex HBsAg (version 3)	GE34/36	OD/CO	0.51	0.49	0.56	0.47	0.71	0.66	1.27	3.31	22.33	31.20	31.20	31.20
Research PCR* ³		copies/ml	<1 x 10 ²	<1 x 10 ²	2 x 10 ²	<1 x 10 ²	5.5 x 10 ²	1.2 x 10 ³	2.6 x 10 ³	2.1 x 10 ⁴	6.6 x 10 ⁴	1.5 x 10 ⁵	7.5 x 10 ⁵	1.9 x 10 ⁶

BCP HBsAg seroconversion panel HBV 6293 (Donor no. 64132)

Product name	Product number	Panel ID	6293-01	6293-02	6293-03	6293-04	6293-05	6293-06	6293-07
		Days since first bleed	0	6	9	15	23	29	35
AxSYM® HBsAg (V2)	7A40-22	S/CO	0.43	0.59	0.49	0.91	6.30	33.82	133.45
ETI- MAK-4	N0019	OD/CO	-0.17	0.30	-0.07	1.27	14.40	76.30	100.00
Murex HBsAg (version 3)	GE34/36	OD/CO	0.56	0.61	0.71	1.25	9.15	31.92	31.92
Research PCR* ³		copies/ml	5 x 10 ²	5 x 10 ²	7.5 x 10 ²	5.1 x 10 ³	4.2 x 10 ⁴	1.8 x 10 ⁵	2.2 x 10 ⁶

BBI HBsAg low-titre panel PHA103

Product name	Product number	Panel ID	PHA 103-01	PHA 103-02	PHA 103-03	PHA 103-04	PHA 103-05	PHA 103-06	PHA 103-07	PHA 103-08	PHA 103-09	PHA 103-10	PHA 103-11	PHA 103-12	PHA 103-13	PHA 103-14	PHA 103-15
			Subtype	Ind	ad	ad	Ind	ad	ad	ad	ay	Neg	ad	Ind	Ind	ay	ad
Access® HBs Ag	34220	S/CO	0.62	1.75	1.11	0.49	0.61	1.83	0.68	0.71	0.23	1.20	0.53	0.61	0.79	3.00	1.22
AxSYM® HBsAg (V2)	7A40-22	S/CO	2.02	3.02	3.55	1.14	2.10	4.02	1.28	1.67	0.65	3.99	1.00	2.47	1.81	4.27	2.78
Bioelisa HBsAg colour	3000-1130	OD/CO	1.07	3.21	2.41	0.93	1.97	3.90	1.25	1.75	0.30	4.00	0.98	1.20	1.39	3.53	2.18
ETI- MAK-4	N0019	OD/CO	1.79	5.83	5.93	1.52	3.07	6.90	1.66	3.03	-0.10	7.72	1.03	4.03	3.10	8.00	5.45
Hepanostika HBsAg Uni-Form II	6019/6023	OD/CO	0.66	1.27	1.22	0.55	0.79	1.42	0.85	0.99	0.27	0.42	0.56	0.81	1.08	1.82	1.64
Labsystems HBsAg EIA Plus	6110 802	OD/CO	0.69	1.41	0.77	0.57	0.91	1.50	0.58	0.86	0.43	1.55	0.63	0.91	0.90	2.04	1.30
Monolisa Ag HBs Plus (Method 3)	72314	OD/CO	0.98	3.11	1.04	0.64	1.40	2.69	1.04	1.42	0.20	2.82	1.13	1.58	1.62	3.78	2.56
Monolisa Ag HBs Plus (Method 4)	72314	OD/CO	1.51	6.42	2.77	1.49	2.91	7.33	2.16	3.58	-0.05	4.91	1.19	3.49	3.42	8.33	4.79
Murex HBsAg	GE14/15/16	OD/CO	0.88	1.20	1.38	0.57	0.83	1.55	0.68	0.77	0.45	1.50	0.59	0.89	0.76	1.48	1.08
Murex HBsAg (version 2) ⁴	GE14/15/16	OD/CO	1.39	1.74	1.95	0.91	1.40	2.43	0.95	1.22	0.49	3.23	0.83	1.57	1.18	2.87	1.95
Murex HBsAg (version 2) ⁵	GE14/15/16	OD/CO	0.96	1.42	1.59	0.80	0.91	1.48	0.85	1.00	0.61	1.40	0.84	1.16	0.89	1.78	1.42
Murex HBsAg (version 3)	GE34/36	OD/CO	3.62	6.79	5.64	1.76	3.66	8.81	2.50	3.16	0.54	10.25	1.80	3.90	2.94	8.89	4.95
PRISM™ HBsAg	3A4748	S/CO	3.16	7.96	6.38	2.98	4.03	9.68	2.54	4.65	0.36	9.32	1.45	5.86	4.03	6.41	3.17
VITROS ECi HBsAg	843 5307	S/CO	0.62	10.7	4.16	1.28	4.12	11.0	2.47	5.35	0.10	10.5	3.24	2.66	5.96	14.4	11.2
HBsAg concentration ³		ng/mL	0.6	0.9	1.5	0.3	0.8	1.2	0.5	0.8	0	1.7	0.3	0.8	0.6	1.2	0.8

BBI low titre panel PHA105

Product name	Product number	Panel ID	PHA105	PHA105	PHA105	PHA105	PHA105	PHA105	PHA105	PHA105	PHA105	PHA105	PHA105	PHA105	PHA105	PHA105	PHA105
			-01	-02	-03	-04	-05	-06	07	-08	-09	-10	-11	-12	-13	-14	-15
		Subtype															
AxSYM® HBsAg (V2)	7A40-22	S/CO	2.02	6.48	2.28	2.52	2.00	3.87	1.16	1.73	1.52	2.02	0.60	2.42	5.67	1.80	2.58
Labsystems HBsAg EIA Plus	6110 802	OD/CO	0.91	1.94	1.12	0.96	1.11	1.64	0.65	0.83	0.76	1.13	0.50	1.21	2.06	0.85	0.96
HBsAg concentration*1		IU/ml	0.3	0.8	0.3	0.3	0.3	0.6	0.1	0.2	0.2	0.3	neg	0.3	0.6	0.2	0.2

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 Murex HBsAg (GE14/15/16)
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Product: Access® HBs Ag automated immunoassay (34220) - discontinued

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bioMérieux UK Ltd

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Product: Monolisa Ag HBs 2nd Gen (72204)
Monolisa Ag HBs Plus (72314)

DiaSorin Ltd

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Product: ETI-MAK-3 (P3142)
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