

Supplemental Data Table S3. Samples with discrepant HBsAg results among the test methods

No. Case	Sample	Elecsys HBsAg (COI)	AFIAS HBsAg (COI)	ARCHITECT HBsAg (COI)
1	Serum*	179.700	0.32	
2	Serum [†]	0.459	48.38	
3	Serum [†]	0.490	1.48	
4	Serum [†]	0.430	1.55	
5	Serum [†]	0.576	74.71	
6	Serum [†]	0.559	> 300.00	
7	Serum [†]	0.450	1.02	
8	Serum [†]	0.512	3.39	
9	Serum [†]	0.412	1.13	
10	HBV6285 [‡]	1.240	0.05	1.42
11	HBV11005 [‡]	0.351	0.01	1.71
12	HBV6293-3 [‡]	0.566	0.01	1.20
13	HBV6293-4 [‡]	1.310	0.07	7.75
14	HBV9273 [‡]	1.790	0.02	1.06
15	HBV11002-3 [‡]	1.210	0.13	1.71
16	HBV11002-4 [‡]	1.640	0.31	2.09
17	HBV11064 [‡]	2.000	0.01	0.27

*False-negative result of AFIAS HBsAg from an inactive chronic carrier.

[†]False-positive results of AFIAS HBsAg in two sera from healthy individuals and six sera from patients with other chronic diseases. Two patients had a post-liver transplant status due to hepatitis B infection.

[‡]Seroconversion panel.

Abbreviations: HBsAg, hepatitis B surface antigen; HBV, hepatitis B virus; COI, cut-off index; AFIAS, Automated Fluorescent Immunoassay System.