

Product Datasheet

HBsAg ELISA Kit (Colorimetric)

KA0286

Unit Size: 1 Kit

Store at 4C.

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KA0286**HBsAg ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C.
Product Description	
Description	Hepatitis B surface antigen ELISA Kit is a sandwich enzyme immunoassay for the measurement of hepatitis B surface antigen.
Gene ID	944569
Gene Symbol	S
Kit Components	Anti-HBs Plate, Anti-HBs Peroxidase Solution, HBsAg Positive Control, HB Negative Control, TMB Substrate Solution A, TMB Substrate Solution B, Conc. Washing Solution D (20X), 2 N sulfuric acid
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Sensitivity	0.2 ng/mL
Assay Type	Sandwich ELISA
Suitable Sample Type	Plasma, Serum
Sample Volume	50 uL
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification



Publications

- Yanli Zeng, Zixi Li, Jia Shang, Yi Kang Efficient delivery of HBV NLS siRNAs into HepG2.2.15 cells for HBV inhibition through novel recombinant preS1- α Tp proteins. *International journal of molecular medicine* 2018-10-09 [PMID: 29786106]
- Choi YM, Kim DH, Jang J, Kim BJ A hepatitis B virus-derived peptide combined with HBsAg exerts an anti-HBV effect in an HBV transgenic mouse model as a therapeutic vaccine *Frontiers in immunology* 2023-06-02 [PMID: 37334373] (ELISA)
- Xiaohe L, Zhiyi K, Dongli L et al. Combination of saikosaponin c and telbivudine synergistically enhances the anti-HBV activity. *Inflamm Res.* 2020-04-20 [PMID: 32313973]
- Sa-Ngiamsuntorn K, Thongsri P, Pewkliang Y et al. An Immortalized Hepatocyte-like Cell Line (imHC) Accommodated Complete Viral Lifecycle, Viral Persistence Form, cccDNA and Eventual Spreading of a Clinically-Isolated HBV. *Viruses.* 2019-10-16 [PMID: 31623162]
- Pan Y, Ke Z, Ye H et al. Saikosaponin C exerts anti-HBV effects by attenuating HNF1 α and HNF4 α expression to suppress HBV pgRNA synthesis. *Inflamm Res.* 2019-09-17 [PMID: 31531682]
- Kwan S, Jiao J, Qi J et al. Bile Acid Changes Associated With Liver Fibrosis and Steatosis in the Mexican-American Population of South Texas. *Hepatol Commun.* 2020-03-19 [PMID: 32258950]
- Kang J, Kim S, Park M et al. Ciclopirox inhibits Hepatitis B Virus secretion by blocking capsid assembly. *Nat Commun.* 2019-05-16 [PMID: 31097716]
- Zhang Z, He P, Zhou Y et al. Anti-HBV effect of interferon-thymosin α 1 recombinant proteins in transgenic *Dunaliella salina* in vitro and in vivo. *Exp Ther Med.* 2018-05-29 [PMID: 30112022]
- Edelblute C, Mangiamele C, Heller R Moderate heat-assisted gene electrotransfer for cutaneous delivery of a DNA vaccine against Hepatitis B virus *Human gene therapy* 2021-04-30 [PMID: 33926214] (ELISA)
- Siburian MD, Suriapranata IM, Wanandi SI. et al. Pre-S2 Start Codon Mutation of Hepatitis B Virus Subgenotype B3 Effects on NF- κ B Expression and Activation in Huh7 Cell Lines. *Viral Immunol* 2018-03-19 [PMID: 29652648]
- Ahmad SM, Hossain MB, Monirujjaman M et al. Maternal zinc supplementation improves hepatitis B antibody responses in infants but decreases plasma zinc level. *Eur J Nutr* 2016-07-25 [PMID: 26208687]
- Wang Q, Luan W, Warren L et al. Serum hepatitis B surface antigen correlates with tissue covalently closed circular DNA in patients with hepatitis B-associated hepatocellular carcinoma. *J Med Virol.* 2015-07-14 [PMID: 26174662]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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