

HBsAg native protein

HBsAg Protein (Active)

CATALOG # AAA59059	HOST Human plasma	APPLICATIONS ELISA
------------------------------	-----------------------------	------------------------------

PRODUCT SYNONYMS

HBsAg; HBsAg Protein (Active); Hepatitis B surface antigen; S protien; Small surface antigen; Surface protein HBsAg; HBsAg native protein

PRODUCT SPECIFICATIONS

Host	Human plasma
Purity/Purification	>90% by SDS-PAGE
Form/Format	Liquid; each vial contains 0.02 M Sodium phosphate (pH 7.2)
Concentration	2.2 mg/ml (varies by lot)
Applicable Applications for HBsAg native protein	ELISA
Virus Inactivation	Heated for 10 mins at 60°C before ultracentrifugation. All human derived samples were verified negative to HIV-1, HIV-2 & HCV.
Preparation and Storage	Upon receipt, aliquot and store at -20°C or -80°C for long term. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for HBsAg native protein	Purified human HBsAg protein. HBsAg is the surface antigen of the hepatitis B virus (HBV). It indicates current hepatitis B infection. Today, these antigen-proteins can be a genetically manufactured (e.g. transgene E. coli) to produce material for a simple antigen test, which detects the presence of HBV. In histopathology, the presence of HBsAg is more commonly demonstrated by the use of a Shikata orcein technique, which uses a natural dye to bind to the antigen in infected liver cells.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	114054630
NCBI Official Full Name	HBsAg

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.