

Human Hepatitis B Surface Antigen (HBsAg) ELISA Kit | HBsAg elisa kit

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CATALOG #
AAA31510

REACTIVITY
Human

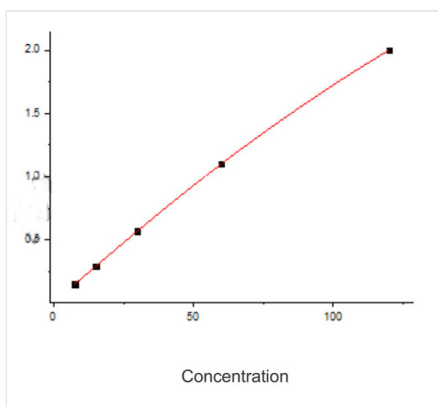
PRODUCT SYNONYMS

Hepatitis B Surface Antigen (HBsAg); Human Hepatitis B Surface Antigen (HBsAg) ELISA Kit ; HBsAg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	132
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	7.5 IU/L - 120 IU/L
Sensitivity	< 0.5IU/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HBsAg elisa kit	Background: Hepatitis B surface antigen (HBsAg) is a blood test ordered to determine if someone is infected with the hepatitis B virus. If it is found, along with specific antibodies, it means the person has a hepatitis B infection. Principle of the Assay: Human Hepatitis B surface antigen (HBsAg) ELISA Kit employs a two-site sandwich ELISA to quantitate HBsAg in samples. An antibody specific for HBsAg has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HBsAg present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human HBsAg detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of HBsAg bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	128168861
NCBI Official Full Name	hepatitis B surface antigen, partial

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/hepatitisbsurfaceantigen-hbsag/31510>