

## Human HBV preS1Ab (HBV preS1Ab) ELISA Kit | HBV elisa kit

Human HBV preS1Ab (HBV preS1Ab) quantitative detection ELISA Kit

CATALOG #  
**AAA210663**

REACTIVITY  
**Human**

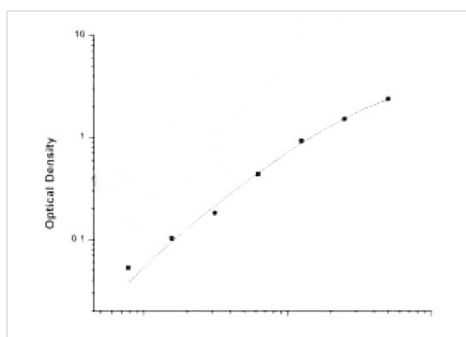
### PRODUCT SYNONYMS

HBV preS1Ab (HBV preS1Ab); Human HBV preS1Ab (HBV preS1Ab) quantitative detection ELISA Kit; HBV elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Human                                                                                                                            |
| Specificity           | This kit identifies natural and recombinant Human HBV preS1Ag, with No crossing with structural analogs.                         |
| Assay Type            | Quantitative Sandwich                                                                                                            |
| Samples               | Serum, plasma, and cell culture supernatant                                                                                      |
| Sensitivity           | < 0.1 ng/ml                                                                                                                      |
| Intra-assay Precision | In the same lot CV%<10?3 groups of known high, medium, and low concentration samples were evaluated 20 times on the same plate.  |
| Inter-assay Precision | Different lot CV%<15: 3 groups of known high, medium, and low concentration samples were evaluated 20 times on different plates. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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| Related Product Information for HBV elisa kit | <p>Principle of the Assay: This ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with Human HBV preS1Ag antibody (solid phase antigen), standards or samples are added to the microtiter plate wells, then add anti- Human HBV PRES1AG HRP labeled antibody. Wells are thoroughly washed to remove all unbound components. And a sandwich complex of solid antigen-antibody enzyme-labeled secondary antibodies is formed on the solid surface of the microplate. Next, Substrate solution A and substrate solution B are added to each well, and it will produce blue materials under HRP catalysis. The enzyme-substrate reaction is terminated by the addition of sulphuric acid and the color change to yellow. Measured spectrophotometrically at a wavelength of 450 nm, the absorbance (OD value) is positively correlated with the concentration of Human HBV HBV preS1Ag in the sample. The concentration of HBV preS1Ag in the samples could be determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This kit is used for detecting the Human HBV preS1Ag concentration of serum, plasma, and cell culture supernatant.</p> |
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**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/hbv-pres1ab-hbv-pres1ab/210663>