

## Human HB (Hemoglobin) ELISA Kit | HB elisa kit

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CATALOG #  
AAA269874

REACTIVITY  
Human

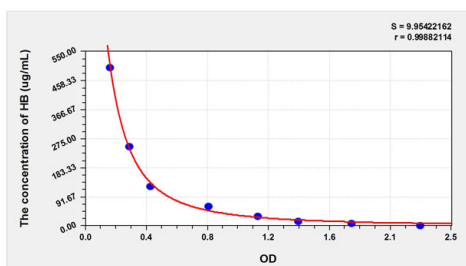
### PRODUCT SYNONYMS

HB (Hemoglobin); Human HB (Hemoglobin) ELISA Kit; Hgb; Haemoglobin; Heterotetramer(alpha $\beta$ )<sub>2</sub>; HB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                       |
| Samples                 | serum, plasma, tissue homogenates, erythrocyte lysates, cell culture supernates and other biological fluids |
| Assay Type              | Competitive                                                                                                 |
| Detection Range         | 7.82-500 ug/mL                                                                                              |
| Sensitivity             | 2.62 ug/mL                                                                                                  |
| Intra-assay Precision   | CV%<8%                                                                                                      |
| Inter-assay Precision   | CV%<10%                                                                                                     |
| Preparation and Storage | Store at 2-8 degree C. Stable for 6 months from date of receipt.                                            |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for HB elisa kit

Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Hemoglobin(HB) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Hemoglobin(HB). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm  $\pm$  10nm. The concentration of Hemoglobin(HB) in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for HB elisa kit

Metabolic pathway; Infection immunity; Hematology; Neuro science

**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.

