

Human Hemoglobin (Hb) ELISA Kit | Hb elisa kit

Human Hemoglobin, Hb ELISA Kit

CATALOG #
AAA80926

REACTIVITY
Human

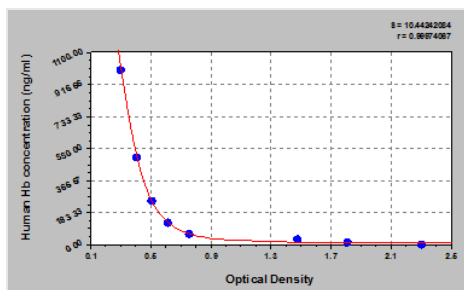
PRODUCT SYNONYMS

Hemoglobin (Hb); Human Hemoglobin; Hb ELISA Kit; Human Hemoglobin (Hb) ELISA Kit; Human Hemoglobin (Hb); Hb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	117
Samples	Serum, plasma, lysate for RBC
Assay Type	Competitive
Detection Range	15.6 ng/ml-1000 ng/ml
Sensitivity	7.8 ng/ml
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cardiovascular
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hb elisa kit

For Sample This immunoassay kit allows for the in vitro quantitative determination of human Hb concentrations in lysate for RBC, serum, plasma.

PRINCIPLE OF THE ASSAY This assay employs the direct competitive inhibition enzyme immunoassay technique. An antibody specific for Hb has been pre-coated onto a microplate. Add Hb (Standards or samples) to the well, and then add Biotin-conjugated Hb. A competitive inhibition reaction is launched between Hb (Standards or samples) and Biotin conjugated Hb with the Hb antibody. Then add the HRP-avidin to each well. The substrate solutions are added to the wells, respectively. And the color develops in opposite to the amount of Hb bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13186284
UniProt Accession #	P15160
Molecular Weight	12,039 Da
NCBI Official Full Name	hemoglobin
UniProt Protein Name	Group 1 truncated hemoglobin trHbN
UniProt Gene Name	PtrHb
UniProt Synonym Gene Names	Truncated Hb
UniProt Entry Name	TRHBN_PARCA

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/hemoglobin-hb/80926>