

Human Hemoglobin Beta (HBb) ELISA Kit | HBb elisa kit

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CATALOG #
AAA44048

REACTIVITY
Human

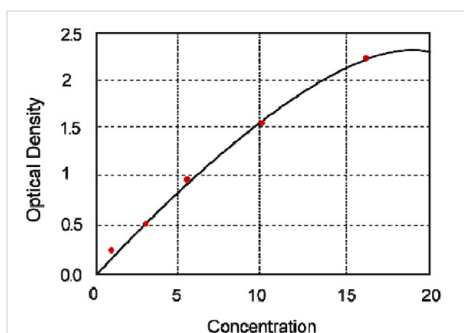
PRODUCT SYNONYMS

Hemoglobin Beta (HBb); Human Hemoglobin Beta (HBb) ELISA Kit; HBb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	30
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	2-600ng/ml
Sensitivity	1.09ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HBb elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human HBb antibody. HBb present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human HBb Antibody is added and binds to HBb in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HBb antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human HBb. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Hemoglobin Beta (also known as HBb) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	410178713
NCBI GeneID	3043
Molecular Weight	15,998 Da
NCBI Official Full Name	hemoglobin beta, partial
NCBI Official Synonym Full Names	hemoglobin subunit beta
NCBI Official Symbol	HBB
NCBI Official Synonym Symbols	ECYT6; CD113t-C; beta-globin
NCBI Protein Information	hemoglobin subunit beta
UniProt Protein Name	Hemoglobin subunit beta
UniProt Gene Name	HBB

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-beta-hbb/44048>