

Human Hemoglobin subunit beta (HBB) ELISA Kit | HBB elisa kit

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CATALOG #
AAA42620

REACTIVITY
Human

PRODUCT SYNONYMS

Hemoglobin subunit beta (HBB); Human Hemoglobin subunit beta (HBB) ELISA Kit; HBB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	147
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1mg/ml - 400mg/ml
Sensitivity	0.43mg/ml
Intra-Assay	CV<8%
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

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Hemoglobin Subunit Beta (also known as HBB) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504349
NCBI GeneID	3043
NCBI Accession #	NP_000509.1
NCBI GenBank Nucleotide #	NM_000518.5
UniProt Accession #	P68871; P02023; Q13852; Q14481; Q14510; Q45KT0; Q549N7; Q6FI08; Q6R7N2; Q8IZI1; A4GX73; B2ZUE0
Molecular Weight	15,998 Da
NCBI Official Full Name	hemoglobin subunit beta
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-subunit-beta-hbb/42620>