

Rat Hemoglobin Subunit Beta-2 (HBB-B2) ELISA Kit | HBB-B2 elisa kit

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CATALOG #
AAA121262

REACTIVITY
Rat

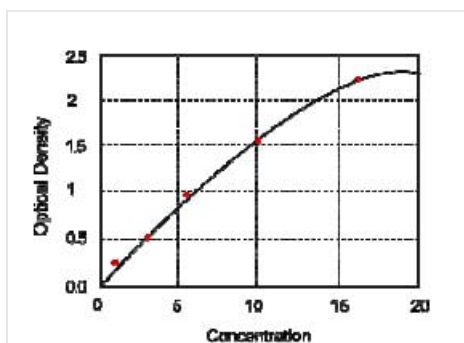
PRODUCT SYNONYMS

Hemoglobin Subunit Beta-2 (HBB-B2); Rat Hemoglobin Subunit Beta-2 (HBB-B2) ELISA Kit; HBB-B2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	147
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2mg/ml - 60mg/ml
Sensitivity	0.099mg/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-B2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Hemoglobin Subunit Beta-2 (also known as HBB-B2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat HBB-B2 antibody. HBB-B2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat HBB-B2 Antibody is added and binds to HBB-B2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HBB-B2 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 Rat HBB-B2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	164448680
NCBI GeneID	100134871
NCBI Accession #	NP_001106694.1
NCBI GenBank Nucleotide #	NM_001113223.1
UniProt Accession #	P11517
Molecular Weight	15,982 Da
NCBI Official Full Name	hemoglobin subunit beta-2
NCBI Official Synonym Full Names	beta globin minor gene
NCBI Official Symbol	LOC100134871
NCBI Protein Information	hemoglobin subunit beta-2
UniProt Protein Name	Hemoglobin subunit beta-2

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/rat-elisa-kits/hemoglobin-subunit-beta-2-hbb-b2/121262>