

Bovine Hemoglobin subunit alpha (HBA) ELISA Kit | HBA elisa kit

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CATALOG #
AAA43396

REACTIVITY
Bovine

PRODUCT SYNONYMS

Hemoglobin subunit alpha (HBA); Bovine Hemoglobin subunit alpha (HBA) ELISA Kit; HBA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	142
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5mg/ml - 200mg/ml
Sensitivity	0.28mg/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 HBA elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Bovine Hemoglobin Subunit Alpha (also known as HBA) 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 Bovine HBA antibody. HBA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Bovine HBA Antibody is added and binds to HBA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HBA 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 Bovine HBA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504347
NCBI GeneID	3039
NCBI Accession #	NP_000549.1
NCBI GenBank Nucleotide #	NM_000558.5
UniProt Accession #	P69905; P01922; Q1HDT5; Q3MIF5; Q53F97; Q96KF1; Q9NYR7; Q9UCM0
Molecular Weight	15,258 Da
NCBI Official Full Name	hemoglobin subunit alpha
NCBI Official Synonym Full Names	hemoglobin subunit alpha 1
NCBI Official Symbol	HBA1
NCBI Official Synonym Symbols	HBH; ECYT7; HBA-T3; METHBA
NCBI Protein Information	hemoglobin subunit alpha
UniProt Protein Name	Hemoglobin subunit alpha
UniProt Gene Name	HBA1

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/bovine-ovine-elisa-kits/hemoglobin-subunit-alpha-hba/43396>