

Mouse hemoglobin (Hb) ELISA Kit | Hb elisa kit

Mouse hemoglobin, Hb ELISA Kit

CATALOG #
AAA81013

REACTIVITY
Mouse

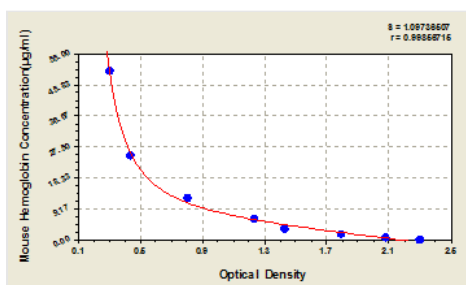
PRODUCT SYNONYMS

hemoglobin (Hb); Mouse hemoglobin; Hb ELISA Kit; Mouse hemoglobin (Hb) ELISA Kit; Mouse hemoglobin (Hb); Hb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse Hb. No significant cross-reactivity or interference between mouse Hb and analogues was observed.
Sequence Length	165
Samples	Serum, plasma, Lysate for RBC.
Assay Type	Competitive
Detection Range	0.781 ug/ml -50 ug/ml.
Sensitivity	0.177 ug/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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

Principle of the Assay||This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Hb. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated Hb. The competitive inhibition reaction is launched between with HRP-conjugated Hb and Hb in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of Hb in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	162462053
NCBI GeneID	541815
NCBI Accession #	NP_001104966.1
NCBI GenBank Nucleotide #	NM_001111496.1
NCBI Official Full Name	hemoglobin
NCBI Official Symbol	LOC541815
NCBI Protein Information	hemoglobin; GRMZM2G067402; non-symbiotic hemoglobin; reversible oxygen binding

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://www.aaabiotech.com/mouse-elisa-kits/hemoglobin-hb/81013>