

Human hemoglobin, alpha 2 ELISA Kit | HBA2 elisa kit

Human alpha-subunits of hemoglobin, HB-alpha ELISA Kit

CATALOG #
AAA15695

REACTIVITY
Human

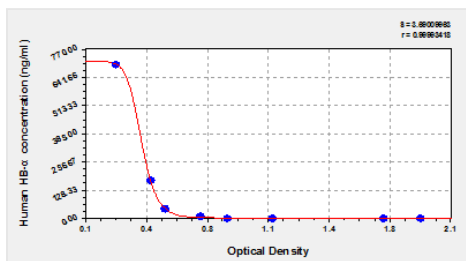
PRODUCT SYNONYMS

hemoglobin; alpha 2; Human alpha-subunits of hemoglobin; HB-alpha ELISA Kit; Human alpha-subunits of hemoglobin (HB-alpha) ELISA Kit; alpha 2 globin; alpha globin; alpha-2 globin; HBA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HB-alpha. No significant cross-reactivity or interference between human HB-alpha and analogues was observed.
Sequence Length	142
Samples	Serum, plasma, lysate for rbc
Assay Type	Quantitative Competitive
Detection Range	0.17 ng/ml-700 ng/ml
Sensitivity	< 0.17 ng/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 HBA2 elisa kit	Principle of the Assay: This assay employs the direct competitive inhibition enzyme immunoassay technique. Antibody specific for HB-alpha has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with biotin-conjugated HB-alpha. A competitive inhibition reaction is launched between HB-alpha (Standards or samples) and biotin-conjugated HB-alpha with the pre-coated HB-alpha antibody. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of HB-alpha bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	302425109
UniProt Accession #	P0CH26; P01970; P68238
Molecular Weight	15,191 Da
NCBI Official Full Name	Hemoglobin subunit alpha-2
UniProt Protein Name	Hemoglobin subunit alpha-2
UniProt Gene Name	HBA2
UniProt Entry Name	HBA2_CAPHI

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/hba2-human-elisa-kits/hemoglobin-alpha-2/15695>