

Monkey Hemoglobin A ELISA Kit | HbA elisa kit

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CATALOG #
AAA95580

REACTIVITY
Monkey

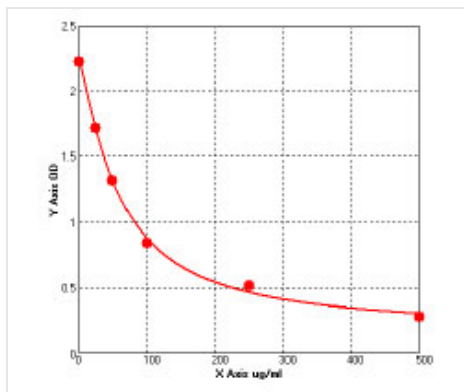
PRODUCT SYNONYMS

Hemoglobin A; Monkey Hemoglobin A ELISA Kit; HbA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of HGA. No significant cross-reactivity or interference between HGA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HGA and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ?g/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HbA elisa kit	Principle of the Assay: HGA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HGA antibody and an HGA-HRP conjugate. The assay sample and buffer are incubated together with HGA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HGA concentration since HGA from samples and HGA-HRP conjugate compete for the anti-HGA antibody binding site. Since the number of sites is limited, as more sites are occupied by HGA from the sample, fewer sites are left to bind HGA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HGA concentration in each sample is interpolated from this standard curve. Intended Uses: This HGA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey HGA. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	388240094
UniProt Accession #	I2G907
Molecular Weight	17,668 Da
NCBI Official Full Name	hemoglobin A
UniProt Protein Name	Hemoglobin A
UniProt Gene Name	HbA
UniProt Entry Name	I2G907_9HEMI

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/hba-monkey-elisa-kits/hemoglobin-a/95580>