

Monkey alpha Amyloid Precursor Protein ELISA Kit | alpha-APP elisa kit

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CATALOG #
AAA244784

REACTIVITY
Monkey

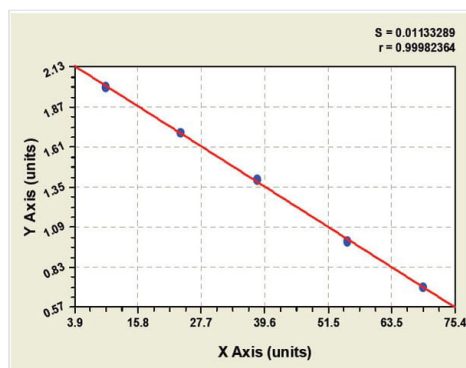
PRODUCT SYNONYMS

alpha Amyloid Precursor Protein; Monkey alpha Amyloid Precursor Protein ELISA Kit; Monkey a Amyloid Precursor Protein ELISA Kit; alpha-APP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This Alpha APP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey Alpha APP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alpha-APP elisa kit

Principle of the assay: Alpha APP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Alpha APP antibody and an Alpha APP-HRP conjugate. The assay sample and buffer are incubated together with Alpha APP-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 Alpha APP concentration since Alpha APP from samples and Alpha APP-HRP conjugate compete for the anti-Alpha APP antibody binding site. Since the number of sites is limited, as more sites are occupied by Alpha APP from the sample, fewer sites are left to bind Alpha APP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Alpha APP concentration in each sample is interpolated from this standard curve.

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/alpha-app-monkey-elisa-kits/alpha-amyloid-precursor-protein/244784>