

Rat Alpha secretase ELISA Kit | Alpha secretase elisa kit

Rat Alpha secretase ELISA Kit

CATALOG #
AAA83858

REACTIVITY
Rat

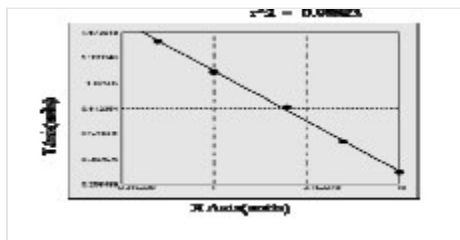
PRODUCT SYNONYMS

Alpha secretase; Rat Alpha secretase ELISA Kit; Alpha secretase elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25 ng/mL
Sensitivity	0.1ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Alpha secretase elisa kit

Intended Uses: This alpha Secretase ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat alpha Secretase. This ELISA kit for research use only!

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

Product Categories/Family for Alpha secretase elisa kit

[Neurobiology](#)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/alpha-secretase/83858>