

Human Aggregated Amyloid beta ELISA Kit

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CATALOG #
AAA247111

REACTIVITY
Human

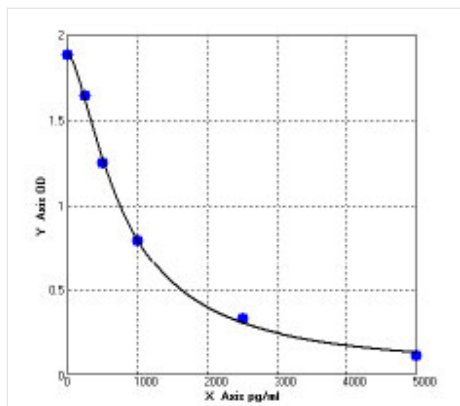
PRODUCT SYNONYMS

Aggregated Amyloid beta; Human Aggregated Amyloid beta ELISA Kit; Aggregated Amyloid beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Aggregated Amyloid beta elisa kit	Intended Uses: This Aggregated Amyloid beta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human Aggregated Amyloid beta. This ELISA kit for research use only! Principle of the Assay: Aggregated Amyloid beta ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-Aggregated Amyloid beta antibody and an Aggregated Amyloid beta-HRP conjugate. The assay sample and buffer are incubated together with Aggregated Amyloid beta-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 Aggregated Amyloid beta concentration since Aggregated Amyloid beta from samples and Aggregated Amyloid beta-HRP conjugate compete for the anti-Aggregated Amyloid beta antibody binding site. Since the number of sites is limited, as more sites are occupied by Aggregated Amyloid beta from the sample, fewer sites are left to bind Aggregated Amyloid beta-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Aggregated Amyloid beta concentration in each sample is interpolated from this standard curve.
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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/human-elisa-kits/aggregated-amyloid-beta/247111>