

Human Gamma secretase ELISA Kit | Gamma secretase elisa kit

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CATALOG #
AAA17286

REACTIVITY
Human

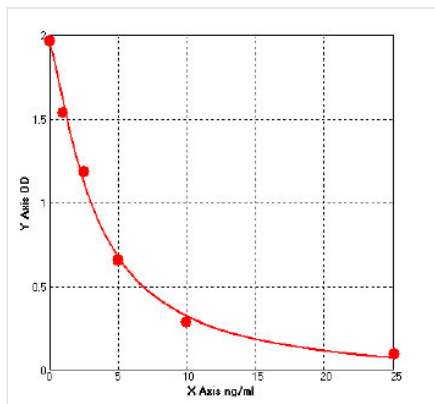
PRODUCT SYNONYMS

Gamma secretase; Human Gamma secretase ELISA Kit; Gamma secretase elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GSEC. No significant cross-reactivity or interference between GSEC and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GSEC 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	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gamma secretase elisa kit	Principle of the Assay: GSEC ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GSEC antibody and an GSEC-HRP conjugate. The assay sample and buffer are incubated together with GSEC-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 GSEC concentration since GSEC from samples and GSEC-HRP conjugate compete for the anti-GSEC antibody binding site. Since the number of sites is limited, as more sites are occupied by GSEC from the sample, fewer sites are left to bind GSEC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GSEC concentration in each sample is interpolated from this standard curve. Intended Uses: This GSEC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GSEC. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119589286
NCBI GeneID	2632
Molecular Weight	80,474 Da
NCBI Official Full Name	glucan (1,4-alpha-), branching enzyme 1 (glycogen branching enzyme, Andersen disease, glycogen storage disease type IV), isoform CRA_b
NCBI Official Synonym Full Names	glucan (1,4-alpha-), branching enzyme 1
NCBI Official Symbol	GBE1
NCBI Official Synonym Symbols	GBE; APBD; GSD4
NCBI Protein Information	1,4-alpha-glucan-branching enzyme; brancher enzyme; glycogen branching enzyme; glycogen-branching enzyme; amylo-(1,4 to 1,6) transglucosidase; amylo-(1,4 to 1,6) transglycosylase
UniProt Protein Name	1,4-alpha-glucan-branching enzyme
UniProt Gene Name	GBE1
UniProt Entry Name	GLGB_HUMAN

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/gamma-secretase/17286>