

Mouse Anti-amphiphysin Antibody ELISA Kit | AMPH elisa kit

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CATALOG #
AAA96602

REACTIVITY
Mouse

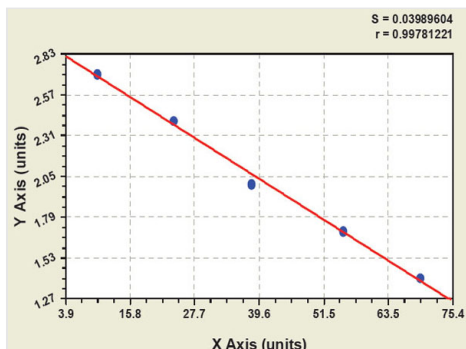
PRODUCT SYNONYMS

Anti-amphiphysin Antibody; Mouse Anti-amphiphysin Antibody ELISA Kit; AMPH elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMPH elisa kit

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

Product Categories/Family for AMPH elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	550450
NCBI GeneID	273
Molecular Weight	71,929 Da
NCBI Official Full Name	amphiphysin
NCBI Official Synonym Full Names	amphiphysin
NCBI Official Symbol	AMPH
NCBI Official Synonym Symbols	AMPH1
NCBI Protein Information	amphiphysin; amphiphysin I; amphiphysin (Stiff-Mann syndrome with breast cancer 128kD autoantigen)
UniProt Protein Name	Amphiphysin
UniProt Gene Name	AMPH
UniProt Synonym Gene Names	AMPH1
UniProt Entry Name	AMPH_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://stage.aaabiotech.com/amph-mouse-elisa-kits/anti-amphiphysin-antibody/96602>