

Human Anti amphiphysin Antibody ELISA Kit | AMPH elisa kit

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CATALOG #
AAA95610

REACTIVITY
Human

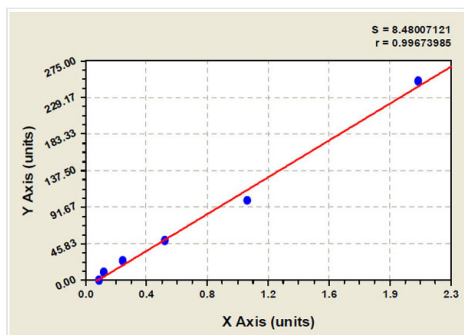
PRODUCT SYNONYMS

Anti amphiphysin Antibody; Human Anti amphiphysin Antibody ELISA Kit; AMPH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This Anti-AMPH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human Anti-AMPH. 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 AMPH elisa kit

Principle of the assay: Anti-AMPH ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with AMPH antigen. Standards or samples are then added to the microtiter plate wells and anti-AMPH if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of anti-AMPH present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated AMPH antigen is added to each well to "sandwich" the Anti-AMPH immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain Anti-AMPH and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Anti-AMPH concentration in each sample is interpolated from this standard curve.

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.