

Mouse Adenosylhomocysteinase (AHCY) ELISA Kit | AHCY elisa kit

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CATALOG #
AAA246698

REACTIVITY
Mouse

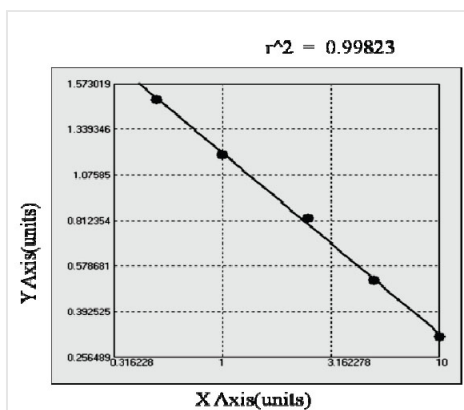
PRODUCT SYNONYMS

Adenosylhomocysteinase (AHCY); Mouse Adenosylhomocysteinase (AHCY) ELISA Kit; AHCY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This AHCY ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse AHCY. 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 AHCY elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	84373198
NCBI GeneID	3856076
Molecular Weight	46,106 Da
NCBI Official Full Name	AhcY
NCBI Official Symbol	ahcY
NCBI Protein Information	S-adenosylhomocysteine hydrolase; S-adenosyl-L-homocysteine hydrolase
UniProt Protein Name	Adenosylhomocysteinase
UniProt Gene Name	ahcY
UniProt Synonym Gene Names	Msp_1085
UniProt Entry Name	Q2NFD5_METST

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/mouse-elisa-kits/adenosylhomocysteinase-ahcy/246698>