

Mouse Aminoacylase-1 (ACY1) ELISA Kit | ACY1 elisa kit

Mouse Aminoacylase-1 (ACY1) ELISA Kit

CATALOG #
AAA245717

REACTIVITY
Mouse

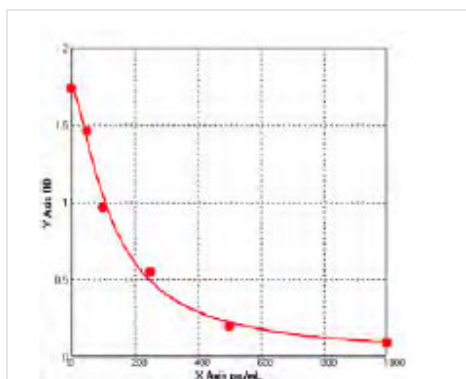
PRODUCT SYNONYMS

Aminoacylase-1 (ACY1); Mouse Aminoacylase-1 (ACY1) ELISA Kit; ACY1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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 ACY1 elisa kit

Intended Uses: This ACTR3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ACTR3. This ELISA kit for research use only!

Principle of the Assay: ACTR3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ACTR3 antibody and an ACTR3-HRP conjugate. The assay sample and buffer are incubated together with ACTR3-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 ACTR3 concentration since ACTR3 from samples and ACTR3-HRP conjugate compete for the anti-ACTR3 antibody binding site. Since the number of sites is limited, as more sites are occupied by ACTR3 from the sample, fewer sites are left to bind ACTR3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACTR3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	178071
NCBI GeneID	95
Molecular Weight	42,195 Da
NCBI Official Full Name	aminoacylase-1
NCBI Official Synonym Full Names	aminoacylase 1
NCBI Official Symbol	ACY1
NCBI Official Synonym Symbols	ACY-1; ACY1D; HEL-S-5
NCBI Protein Information	aminoacylase-1; epididymis secretory protein Li 5; N-acyl-L-amino-acid amidohydrolase
UniProt Protein Name	Aminoacylase-1
UniProt Gene Name	ACY1
UniProt Synonym Gene Names	ACY-1
UniProt Entry Name	ACY1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/aminoacylase-1-acy1/245717>