

Human Aminoacylase-1 ELISA Kit | ACY1 elisa kit

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CATALOG #
AAA190953

REACTIVITY
Human

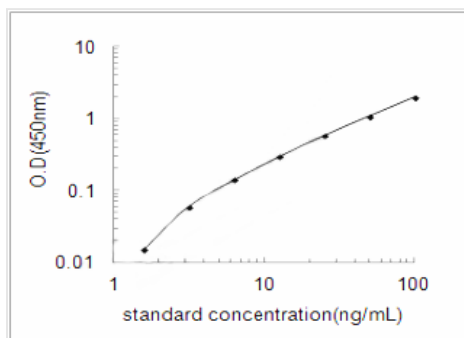
PRODUCT SYNONYMS

Aminoacylase-1; Human Aminoacylase-1 ELISA Kit; ACY-1; N-acyl-L-amino-acid amidohydrolase; ACY1; 3.5.1.14; ACY1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human ACY-1. No significant cross-reactivity or interference was observed.
Sequence Length	408
Assay Type	Sandwich
Detection Range	1.56-100 ng/mL
Sensitivity	0.791 ng/mL
Intra-Assay CV	<=5.9%
Inter-Assay CV	<=7.2%
Recovery	86%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACY1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human ACY-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ACY-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ACY-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ACY-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of ACY-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501901
NCBI GeneID	95
NCBI Accession #	NP_000657.1
NCBI GenBank Nucleotide #	NM_000666.2
UniProt Accession #	Q03154; C9J6I6; C9J9D8; C9JWD4
Molecular Weight	42,195 Da
NCBI Official Full Name	aminoacylase-1 isoform a
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
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.

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Online datasheet: <https://stage.aaabiotech.com/acy1-human-elisa-kits/aminoacylase-1/190953>