

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

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CATALOG #
AAA44224

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	408
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.106ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACY1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Aminoacylase-1 (also known as ACY1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human ACY1 antibody. ACY1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ACY1 Antibody is added and binds to ACY1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ACY1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human ACY1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	449784892
NCBI GeneID	109652
NCBI Accession #	NP_001263371.1
NCBI GenBank Nucleotide #	NM_001276442.1
UniProt Accession #	Q99JW2; Q9CR15
Molecular Weight	45,781 Da
NCBI Official Full Name	aminoacylase-1
NCBI Official Synonym Full Names	aminoacylase 1
NCBI Official Symbol	Acy1
NCBI Official Synonym Symbols	Acy-1; 1110014J22Rik
NCBI Protein Information	aminoacylase-1
UniProt Protein Name	Aminoacylase-1
UniProt Gene Name	Acy1
UniProt Synonym Gene Names	ACY-1

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/human-elisa-kits/aminoacylase-1-acy1/44224>