

Mouse Acidic mammalian chitinase ELISA Kit | Chia elisa kit

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CATALOG #
AAA190579

REACTIVITY
Mouse

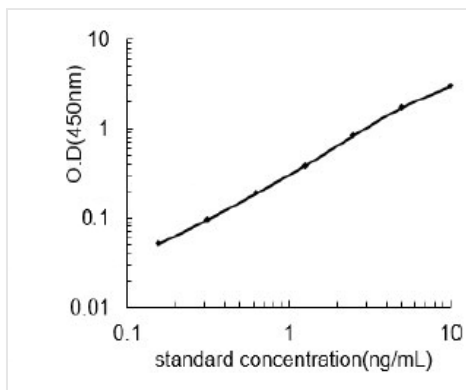
PRODUCT SYNONYMS

Acidic mammalian chitinase; Mouse Acidic mammalian chitinase ELISA Kit; AMCase; YNL; Chia; 3.2.1.14; Chia1; Chia elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse AMCase
Sequence Length	473
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.086 ng/mL
Intra-assay Precision	<=5.4%
Inter-assay Precision	<=9.2%
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 Chia elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen 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 #	27754136
NCBI GeneID	81600
NCBI Accession #	NP_075675.2
NCBI GenBank Nucleotide #	NM_023186.3
UniProt Accession #	Q91XA9; Q3TVE7; Q99PH2; Q9D803; Q9JLN1; A0T468; B8K282
Molecular Weight	52,003 Da
NCBI Official Full Name	acidic mammalian chitinase
NCBI Official Synonym Full Names	chitinase, acidic 1
NCBI Official Symbol	Chia1
NCBI Official Synonym Symbols	YNL; Chia; AMCase; 2200003E03Rik
NCBI Protein Information	acidic mammalian chitinase
UniProt Protein Name	Acidic mammalian chitinase
UniProt Gene Name	Chia
UniProt Synonym Gene Names	Chia1; AMCase
UniProt Entry Name	CHIA_MOUSE

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/chia-mouse-elisa-kits/acidic-mammalian-chitinase/190579>