

Mouse Chitotriosidase-1, CHIT1 ELISA Kit | CHIT1 elisa kit

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CATALOG #
AAA123326

REACTIVITY
Mouse

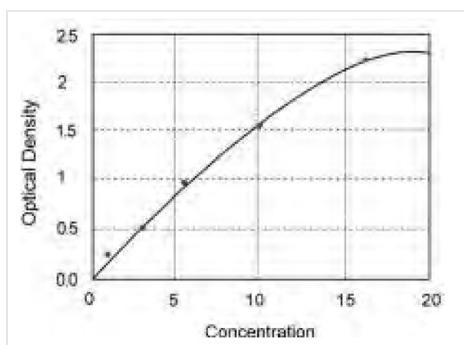
PRODUCT SYNONYMS

Chitotriosidase-1; CHIT1; Mouse Chitotriosidase-1; CHIT1 ELISA Kit; CHIT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	466
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-2000ng/L
Sensitivity	5.13ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 CHIT1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CHIT1 antibody. CHIT1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CHIT1 Antibody is added and binds to CHIT1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CHIT1 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 Mouse CHIT1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Chitotriosidase-1 (also known as CHIT1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502809
NCBI GeneID	1118
NCBI GenBank Nucleotide #	NP_003456.1
UniProt Accession #	Q13231
NCBI Official Full Name	chitotriosidase-1 isoform 1
NCBI Official Synonym Full Names	chitinase 1
NCBI Official Symbol	CHIT1
NCBI Official Synonym Symbols	CHI3; CHIT; CHITD
NCBI Protein Information	chitotriosidase-1
UniProt Protein Name	Chitotriosidase-1
UniProt Gene Name	CHIT1
UniProt Entry Name	CHIT1_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/mouse-elisa-kits/chitotriosidase-1-chit1/123326>