

Mouse Lysosomal alpha-glucosidase ELISA Kit | Gaa elisa kit

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CATALOG #
AAA98975

REACTIVITY
Mouse

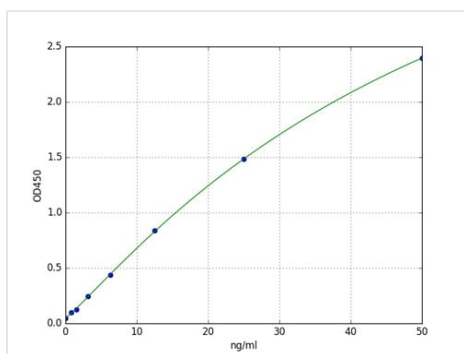
PRODUCT SYNONYMS

Lysosomal alpha-glucosidase; Mouse Lysosomal alpha-glucosidase ELISA Kit; Gaa/Acid alpha-Glucosidase/Acid Maltase/LYAG/Acid maltase/Aglucosidase alfa; Gaa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	952
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Gaa ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.051	0.112	0.136	0.255	0.448	0.836	1.634	2.367

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gaa elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Gaa antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Gaa antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Gaa amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Gaa can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119393895
NCBI GeneID	2548
NCBI Accession #	NP_001073272.1
NCBI GenBank Nucleotide #	NM_001079804.2
Molecular Weight	105,324 Da
NCBI Official Full Name	lysosomal alpha-glucosidase preproprotein
NCBI Official Synonym Full Names	glucosidase, alpha; acid
NCBI Official Symbol	GAA
NCBI Official Synonym Symbols	LYAG
NCBI Protein Information	lysosomal alpha-glucosidase
UniProt Protein Name	Lysosomal alpha-glucosidase
UniProt Gene Name	GAA
UniProt Entry Name	LYAG_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/gaa-mouse-elisa-kits/lysosomal-alpha-glucosidase/98975>