

Human Lysosomal alpha-glucosidase ELISA Kit | GAA elisa kit

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CATALOG #
AAA190929

REACTIVITY
Human

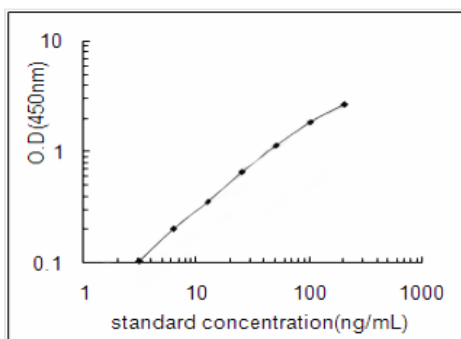
PRODUCT SYNONYMS

Lysosomal alpha-glucosidase; Human Lysosomal alpha-glucosidase ELISA Kit; Acid maltase; Aglucosidase alfa; GAA; 3.2.1.20; GAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Lysosomal alpha-glucosidase. No significant cross-reactivity or interference was observed.
Sequence Length	952
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids.
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 GAA 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #

119393891

NCBI GeneID	2548
NCBI Accession #	NP_000143.2
NCBI GenBank Nucleotide #	NM_000152.4
UniProt Accession #	P10253; Q09GN4; Q14351; Q16302; Q8IWE7
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-human-elisa-kits/lysosomal-alpha-glucosidase/190929>