

Human Glucosidase Alpha, Acid (GaA) RTU ELISA Kit | GaA rtu elisa kit

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CATALOG #
AAA70776

REACTIVITY
Human

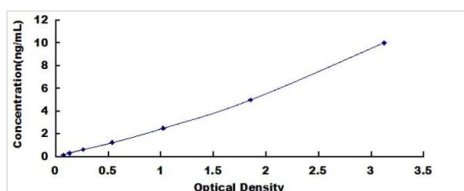
PRODUCT SYNONYMS

Glucosidase Alpha; Acid (GaA); Human Glucosidase Alpha; Acid (GaA) ELISA Kit; LYAG; Acid Alpha-Glucosidase; Lysosomal Alpha-Glucosidase; Pompe Disease Glycogen Storage Disease Type II; Acid Maltase; Aglucosidase Alfa; GaA rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	952
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GaA rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GaA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GaA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GaA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GaA 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

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/human-rtu-elisa-kits/glucosidase-alpha-acid-gaa/70776>