

Mouse 1, 4-alpha-glucan-branching enzyme (GBE1) ELISA Kit | GBE1 elisa kit

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CATALOG #
AAA246870

REACTIVITY
Mouse

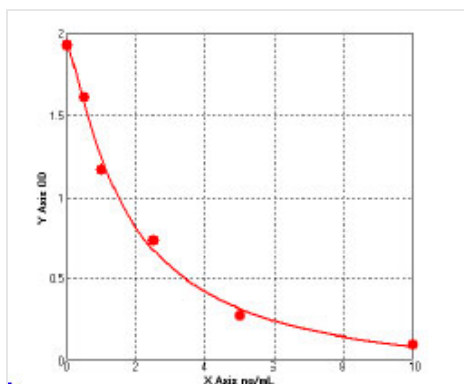
PRODUCT SYNONYMS

1, 4-alpha-glucan-branching enzyme (GBE1); Mouse 1, 4-alpha-glucan-branching enzyme (GBE1) ELISA Kit; GBE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GBE1 elisa kit

Intended Uses: This GBA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GBA. This ELISA kit for research use only!

Principle of the Assay: GBA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GBA antibody and an GBA-HRP conjugate. The assay sample and buffer are incubated together with GBA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GBA concentration since GBA from samples and GBA-HRP conjugate compete for the anti-GBA antibody binding site. Since the number of sites is limited, as more sites are occupied by GBA from the sample, fewer sites are left to bind GBA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GBA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	428249085
NCBI GeneID	14170659
Molecular Weight	75,404 Da
NCBI Official Full Name	1,4-alpha-glucan-branching enzyme
NCBI Official Symbol	Cri9333_4060
NCBI Protein Information	1,4-alpha-glucan-branching protein
UniProt Protein Name	1,4-alpha-glucan branching enzyme GlgB
UniProt Gene Name	glgB
UniProt Synonym Gene Names	Cri9333_4060
UniProt Entry Name	K9W5W2_9CYAN

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/1-4-alpha-glucan-branching-enzyme-gbe1/246870>