

Mouse Alpha-1, 3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase (MGAT1) ELISA Kit

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CATALOG # AAA245067	REACTIVITY Mouse
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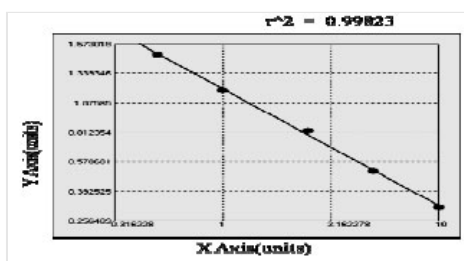
PRODUCT SYNONYMS

Alpha-1; 3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase (MGAT1); Mouse Alpha-1; 3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase (MGAT1) ELISA Kit; 3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase (MGAT1) 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 Alpha-1, 3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase (MGAT1) elisa kit

Intended Uses: This MGAT-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MGAT-1. This ELISA kit for research use only!

Principle of the Assay: MGAT-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MGAT-1 antibody and an MGAT-1-HRP conjugate. The assay sample and buffer are incubated together with MGAT-1-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 MGAT-1 concentration since MGAT-1 from samples and MGAT-1-HRP conjugate compete for the anti-MGAT-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by MGAT-1 from the sample, fewer sites are left to bind MGAT-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MGAT-1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Alpha-1,
3-mannosyl-glycoprotein 2-beta-N-
acetylglucosaminyltransferase
(MGAT1) elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	685963029
NCBI Official Full Name	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase

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/alpha-1-3-mannosyl-glycoprotein-2-beta-n-acetylglucosaminyltransferase-mgat1/245067>