

Human Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A (MGAT5) ELISA Kit | MGAT5 elisa kit

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CATALOG # AAA31497	REACTIVITY Human
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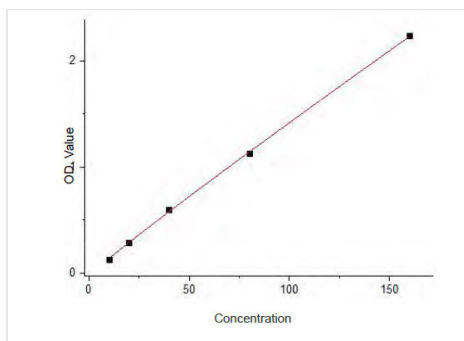
PRODUCT SYNONYMS

Alpha-1; 6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A (MGAT5); Human Alpha-1; 6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A (MGAT5) ELISA Kit; MGAT5; GNT-V; GNT-VA; N-acetylglucosaminyltransferase V; OTTHUMP00000162459; alpha-mannoside beta-1; 6-N-acetylglucosaminyltransferase; MGAT5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Alpha-1,6-Mannosylglycoprotein 6-Beta-N-Acetylglucosaminyltransferase A (MGAT5) ELISA Kit has high sensitivity and excellent specificity for detection of Human MGAT5. No significant cross-reactivity or interference between Human MGAT5 and analogues was observed.
Sequence Length	741
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	10 pg/mL - 160 pg/mL
Sensitivity	< 1 pg/mL
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MGAT5 elisa kit	Principle of the Assay: Human Alpha-1,6-Mannosylglycoprotein 6-Beta-N-Acetylglucosaminyltransferase A (MGAT5) ELISA Kit employs a two-site sandwich ELISA to quantitate MGAT5 in samples. An antibody specific for Human MGAT5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MGAT5 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated MGAT5 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of MGAT5 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505167
NCBI GeneID	4249
NCBI Accession #	NP_002401.1
NCBI GenBank Nucleotide #	NP_002401.1
UniProt Accession #	Q09328
NCBI Official Full Name	alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A
NCBI Official Synonym Full Names	alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase
NCBI Official Symbol	MGAT5
NCBI Official Synonym Symbols	GNT-V; GNT-VA; MGAT5A
NCBI Protein Information	alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A
UniProt Protein Name	Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A
UniProt Gene Name	MGAT5
UniProt Synonym Gene Names	GGNT5; GNT-V

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-elisa-kits/alpha-16-mannosylglycoprotein-6-beta-n-acetylglucosaminyltransferase-a-mgat5/31497>