

Human Beta-1,3-N-acetylglucosaminyltransferase Manic Fringe (MFNG) ELISA Kit | MFNG elisa kit

Human Beta-1,3-N-acetylglucosaminyltransferase Manic Fringe (MFNG) ELISA Kit

CATALOG # AAA331785	REACTIVITY Human
-------------------------------	----------------------------

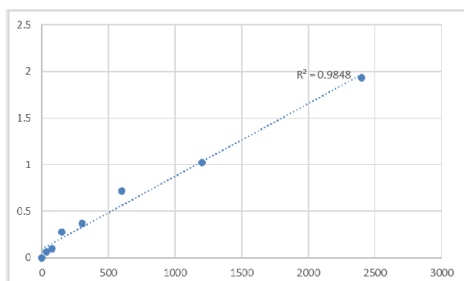
PRODUCT SYNONYMS

Beta-1; 3-N-acetylglucosaminyltransferase Manic Fringe (MFNG); Human Beta-1; 3-N-acetylglucosaminyltransferase Manic Fringe (MFNG) ELISA Kit; MFNG; CTA-390B3.1; beta-1; 3-N-acetylglucosaminyltransferase manic fringe; MFNG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Beta-1,3-N-acetylglucosaminyltransferase manic fringe (MFNG) ELISA Kit has high sensitivity and excellent specificity for detection of Human MFNG. No significant cross-reactivity or interference between Human MFNG and analogues was observed.
Sequence Length	307
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Beta-1,3-N-acetylglucosaminyltransferase manic fringe (MFNG) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MFNG elisa kit	Description: This Human Beta-1,3-N-acetylglucosaminyltransferase manic fringe (MFNG) ELISA Kit employs a two-site sandwich ELISA to quantitate MFNG in samples. An antibody specific for MFNG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MFNG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MFNG is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MFNG bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MFNG is a member of the fringe gene family which also includes radical and lunatic fringe genes. They all encode evolutionarily conserved secreted proteins that act in the Notch receptor pathway to demarcate boundaries during embryonic development. While their genomic structure is distinct from other glycosyltransferases, fringe proteins have a fucose-specific beta-1,3-N-acetylglucosaminyltransferase activity that leads to elongation of O-linked fucose residues on Notch, which alters Notch signaling.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	261824031
NCBI GeneID	4242
NCBI Accession #	NP_001159815.1
NCBI GenBank Nucleotide #	NP_001159815.1
UniProt Accession #	O00587
NCBI Official Full Name	beta-1,3-N-acetylglucosaminyltransferase manic fringe isoform 2
NCBI Official Synonym Full Names	MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase
NCBI Official Symbol	MFNG
NCBI Protein Information	beta-1,3-N-acetylglucosaminyltransferase manic fringe
UniProt Protein Name	Beta-1,3-N-acetylglucosaminyltransferase manic fringe
UniProt Gene Name	MFNG
UniProt Entry Name	MFNG_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/beta-13-n-acetylglucosaminyltransferase-manic-fringe-mfng/331785>