

Human beta 1, 3 galactosyl O glycosyl glycoprotein beta 1, 6 N acetylglucosaminyltransferase 3 (GCNT3) ELISA Kit | GCNT3 elisa kit

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CATALOG # AAA245576	REACTIVITY Human
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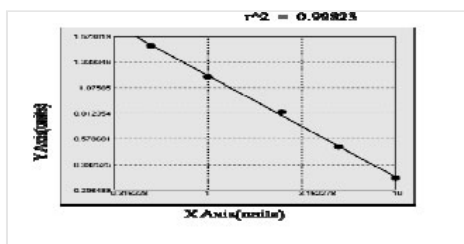
PRODUCT SYNONYMS

beta 1; 3 galactosyl O glycosyl glycoprotein beta 1; 6 N acetylglucosaminyltransferase 3 (GCNT3); Human beta 1; 6 N acetylglucosaminyltransferase 3 (GCNT3) ELISA Kit; Human b 1; 3 galactosyl O glycosyl glycoprotein b 1; GCNT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GCNT3 elisa kit	Intended Uses: This GCNT3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GCNT3. This ELISA kit for research use only! Principle of the Assay: GCNT3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GCNT3 antibody and an GCNT3-HRP conjugate. The assay sample and buffer are incubated together with GCNT3-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 GCNT3 concentration since GCNT3 from samples and GCNT3-HRP conjugate compete for the anti-GCNT3 antibody binding site. Since the number of sites is limited, as more sites are occupied by GCNT3 from the sample, fewer sites are left to bind GCNT3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GCNT3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for GCNT3 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	74735588
NCBI GeneID	9245
Molecular Weight	50,864 Da
NCBI Official Full Name	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3
NCBI Official Synonym Full Names	glucosaminyl (N-acetyl) transferase 3, mucin type
NCBI Official Symbol	GCNT3
NCBI Official Synonym Symbols	GNTM; C24GNT; C2GNT2; C2GNTM; C2/4GnT
NCBI Protein Information	beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3; hC2GnT-M; C2GnT-mucin type; beta1,6GlcNAc-transferase; beta1,6-N-acetylglucosaminyltransferase-M; core 2/core 4 beta-1,6-N-acetylglucosaminyltransferase; mucus-type core 2 beta-1,6-N-acetylglucosaminyltransferase
UniProt Protein Name	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3
UniProt Gene Name	GCNT3
UniProt Synonym Gene Names	C2GnT-M; hC2GnT-M; C2/4GnT
UniProt Entry Name	GCNT3_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/beta-1-3-galactosyl-o-glycosyl-glycoprotein-beta-1-6-n-acetylglucosaminyltransferase-3-gcnt3/245576>