

Human UDP-Gal:betaGlcNAc beta 1, 4- galactosyltransferase, polypeptide 1 ELISA Kit | B4GALT1 elisa kit

Human Beta-1, 4-galactosyltransferase 1, B4GALT1 ELISA Kit

CATALOG #
AAA112927

REACTIVITY
Human

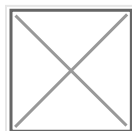
PRODUCT SYNONYMS

UDP-Gal:betaGlcNAc beta 1; 4- galactosyltransferase; polypeptide 1; Human Beta-1; 4-galactosyltransferase 1; B4GALT1 ELISA Kit; 4-galactosyltransferase 1 (B4GALT1) ELISA kit; B4GAL-T1; DKFZp686N19253; GGTB2; GT1; GTB; MGC50983; beta4Gal-T1; beta-1; glycoprotein-4-beta-galactosyltransferase 2; lactose synthase; B4GALT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human B4GALT1. No significant cross-reactivity or interference between human B4GALT1 and analogues was observed.
Sequence Length	398
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for B4GALT1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for B4GALT1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any B4GALT1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for B4GALT1 is added to the wells. After washing, avidin 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 B4GALT1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13929462
NCBI GeneID	2683
NCBI Accession #	NP_001488.2
NCBI GenBank Nucleotide #	NM_001497.3
UniProt Accession #	P15291; Q12909; Q12910; Q12911; Q14456; Q14509; Q14523; B2R710; D3DRL2
Molecular Weight	43,920 Da
NCBI Official Full Name	beta-1,4-galactosyltransferase 1
NCBI Official Synonym Full Names	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1
NCBI Official Symbol	B4GALT1
NCBI Official Synonym Symbols	GT1; GTB; CDG2D; GGTB2; B4GAL-T1; beta4Gal-T1
NCBI Protein Information	beta-1,4-galactosyltransferase 1; lactose synthase; beta-1,4-GalTase 1; glycoprotein-4-beta-galactosyltransferase 2; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 1; UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 1
UniProt Protein Name	Beta-1,4-galactosyltransferase 1
UniProt Gene Name	B4GALT1
UniProt Synonym Gene Names	GGTB2; Beta-1,4-GalTase 1; Beta4Gal-T1; b4Gal-T1
UniProt Entry Name	B4GT1_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/b4galt1-human-elisa-kits/udp-galbetaglcnac-beta-1-4-galactosyltransferase-polypeptide-1/112927>