

Human Beta-1,4-galactosyltransferase 5 ELISA Kit | B4GALT5 elisa kit

Human Beta-1,4-galactosyltransferase 5 ELISA Kit

CATALOG #
AAA56328

REACTIVITY
Human

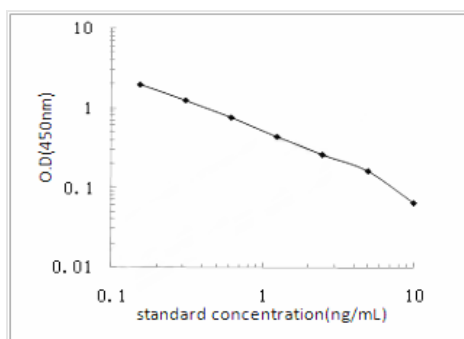
PRODUCT SYNONYMS

Beta-1; 4-galactosyltransferase 5; Human Beta-1; 4-galactosyltransferase 5 ELISA Kit; B4GALT5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural Human b4Gal-T5. No significant cross-reactivity or interference was observed.
Sequence Length	388
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Assay Type	Quantitative Competitive
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for B4GALT5 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immuncassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen, During the reaction, target antigen in the sample or standard competes with a fixed amount of biotin-labeled target antigen for sites on a pre-coated antibody specific to target antigen. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectro-photometrically at a wavelength of 450 nm +/- 2nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757828
NCBI GeneID	9334
NCBI Accession #	NP_004767.1
NCBI GenBank Nucleotide #	NM_004776.3
UniProt Accession #	O43286; Q2M394; Q9UJQ8; E1P625
Molecular Weight	45,119 Da
NCBI Official Full Name	beta-1,4-galactosyltransferase 5
NCBI Official Synonym Full Names	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5
NCBI Official Symbol	B4GALT5
NCBI Official Synonym Symbols	gt-V; B4Gal-T5; beta4Gal-T5; beta4GalT-V; BETA4-GALT-IV
NCBI Protein Information	beta-1,4-galactosyltransferase 5
UniProt Protein Name	Beta-1,4-galactosyltransferase 5
UniProt Gene Name	B4GALT5
UniProt Synonym Gene Names	Beta-1,4-GalTase 5; Beta4Gal-T5; b4Gal-T5
UniProt Entry Name	B4GT5_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/b4galt5-human-elisa-kits/beta-14-galactosyltransferase-5/56328>