

Human Beta-1,3-galactosyltransferase 2 ELISA Kit | B3GALT2 elisa kit

Human Beta-1,3-galactosyltransferase 2 ELISA Kit

CATALOG #
AAA98625

REACTIVITY
Human

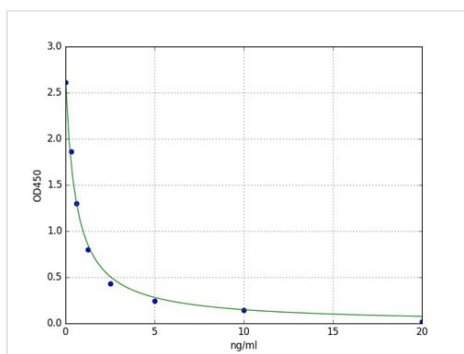
PRODUCT SYNONYMS

Beta-1; 3-galactosyltransferase 2; Human Beta-1; 3-galactosyltransferase 2 ELISA Kit; B3GALT2/Beta-1; 3-galactosyltransferase 2/Beta-1; 3-GalTase 2/Beta3GalT2/Beta3GalT2/UDP-galactose:2-acetamido-2-deoxy-D-glucose 3beta-galactosyltransferase 2; B3GALT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	420
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human B3GALT2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.312	0.625	1.25	2.5	5	10	20
Y	OD450	2.186	1.825	1.575	1.238	0.885	0.640	0.445	0.363

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for B3GALT2 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human B3GALT2. During the reaction, Human B3GALT2 in the sample or standard competes with a fixed amount of biotin-labeled Human B3GALT2 for sites on a pre-coated Monoclonal antibody specific to Human B3GALT2. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) 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 spectrophotometrically at a wavelength of 450 nm. The concentration of Human B3GALT2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147903108
NCBI GeneID	447391
NCBI Accession #	NP_001087567.1
NCBI GenBank Nucleotide #	NM_001094098.1
NCBI Official Full Name	Beta-1,3-galactosyltransferase 2
NCBI Official Synonym Full Names	Beta-1,3-galactosyltransferase 2
NCBI Official Symbol	b3galt2
NCBI Official Synonym Symbols	glct2; beta3galt2; beta3gal-t2
NCBI Protein Information	Beta-1,3-galactosyltransferase 2

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/b3galt2-human-elisa-kits/beta-13-galactosyltransferase-2/98625>