

Human Beta-galactoside alpha-2,6-sialyltransferase 1 ELISA Kit | ST6GAL1 elisa kit

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CATALOG #
AAA100351

REACTIVITY
Human

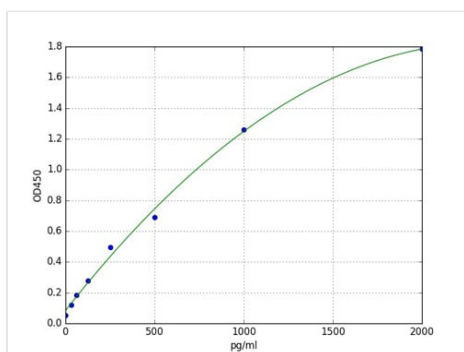
PRODUCT SYNONYMS

Beta-galactoside alpha-2; 6-sialyltransferase 1; Human Beta-galactoside alpha-2; 6-sialyltransferase 1 ELISA Kit; ST6GAL1/Alpha 2; 6-ST/B-cell antigen CD75/CD75/ST6N/B-cell antigen CD75/beta-galactoside alpha-2; 6-sialyltransferase 1/CMP-N-acetylneuraminate beta-galactosamide alpha-2; 6-sialyltransferase/CMP-N-acetylneuraminate-beta-galactosamide-alpha-2; 6-sialyltransferase 1/Sialyltransferase 1/sialyltransferase 1 (beta-galactoside alpha-2; 6-sialyltransferase)/sialyltransferase 1 (beta-galactoside alpha-2; 6-sialyltransferase)/SIAT1Alpha 2; 6-ST 1/ST6 beta-galactosamide alpha-2; 6-sialyltransferase 1/ST6Gal I/ST6GalII/ST6N; ST6GAL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	403
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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 ST6GAL1 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	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.071	0.104	0.148	0.244	0.443	0.872	1.420	2.469

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ST6GAL1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human ST6GAL1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ST6GAL1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ST6GAL1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ST6GAL1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	341942036
NCBI GeneID	20440
Molecular Weight	46,586 Da
NCBI Official Full Name	Beta-galactoside alpha-2,6-sialyltransferase 1
NCBI Official Synonym Full Names	beta galactoside alpha 2,6 sialyltransferase 1
NCBI Official Symbol	St6gal1
NCBI Official Synonym Symbols	Siat1; St6gal; St6gall; AW742324; St6Gal-I
NCBI Protein Information	beta-galactoside alpha-2,6-sialyltransferase 1
UniProt Protein Name	Beta-galactoside alpha-2,6-sialyltransferase 1
UniProt Gene Name	St6gal1
UniProt Synonym Gene Names	Siat1; Alpha 2,6-ST 1; ST6Gall
UniProt Entry Name	SIAT1_MOUSE

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/st6gal1-human-elisa-kits/beta-galactoside-alpha-26-sialyltransferase-1/100351>