

Human alpha2, 6-Sialyltransferase ELISA Kit | ST6GALNAC1 elisa kit

Human alpha2, 6-Sialyltransferase

CATALOG #
AAA53126

REACTIVITY
Human

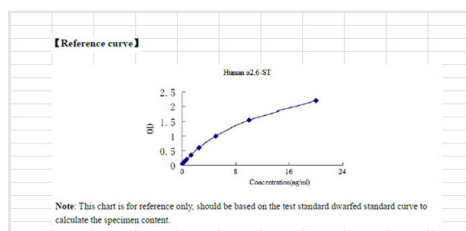
PRODUCT SYNONYMS

alpha2, 6-Sialyltransferase; Human alpha2; Human a2; 6-Sialyltransferase ELISA; ST6GALNAC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	468
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	Up to 0.06 ng/ml
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ST6GALNAC1 elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human alpha2,6-ST monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

574270145

NCBI GeneID	55808
NCBI Accession #	NP_001276036.1
NCBI GenBank Nucleotide #	NM_001289107.1
Molecular Weight	68,564 Da
NCBI Official Full Name	alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 1 isoform 2
NCBI Official Synonym Full Names	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 1
NCBI Official Symbol	ST6GALNAC1
NCBI Official Synonym Symbols	STYI; SIAT7A; HSY11339; ST6GalNAcI
NCBI Protein Information	alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 1; SIAT7-A; ST6GalNAc I; sialyltransferase 7A; galNAc alpha-2,6-sialyltransferase I; GalNAc alpha-2, 6-sialyltransferase I, long form; sialyltransferase 7 ((alpha-N-acetylneuraminyl-2,3-beta-galactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase) A
UniProt Protein Name	Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 1
UniProt Gene Name	ST6GALNAC1
UniProt Synonym Gene Names	SIAT7A; UNQ543/PRO848; ST6GalNAcI; SIAT7-A
UniProt Entry Name	SIA7A_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.