Human Neutral Amino Acid Transporter B (SLC1A5) ELISA Kit | SLC1A5 elisa kit

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CATALOG #	REACTIVITY
AAA330827	**Human**

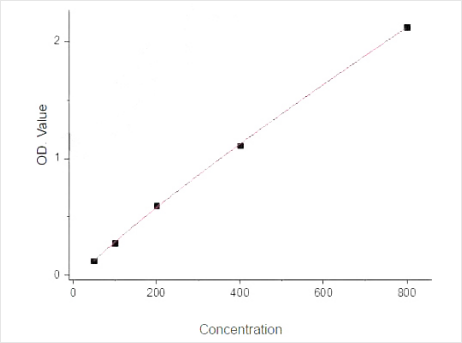
PRODUCT SYNONYMS

Neutral Amino Acid Transporter B (SLC1A5); Human Neutral Amino Acid Transporter B (SLC1A5) ELISA Kit; AAAT; ASCT2; ATBO; FLJ31068; M7V1; M7VS1; R16; RDRC; RD114 virus receptor; baboon M7 virus receptor; neutral amino acid transporter B; solute carrier family 1 member 5; SLC1A5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	541
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC1A5 elisa kit	Principle of the Assay: Human Neutral Amino Acid Transporter B (SLC1A5) ELISA Kit employs a two-site sandwich ELISA to quantitate SLC1A5 in samples. An antibody specific for SLC1A5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SLC1A5 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human SLC1A5 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SLC1A5 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background/Introduction: Neutral amino acid transporter B is sodium-dependent amino acids transporter that has a broad substrate specificity, with a preference for zwitterionic amino acids. It accepts as substrates all neutral amino acids, including glutamine, asparagine, and branched-chain and aromatic amino acids, and excludes methylated, anionic, and cationic amino acids. Through binding of the fusogenic protein syncytin-1/ERVW-1 may mediate trophoblasts syncytialization, the spontaneous fusion of their plasma membranes, an essential process in placental development.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032093
NCBI GeneID	6510
NCBI Accession #	NP_005619.1
NCBI GenBank Nucleotide #	NP_005619.1
UniProt Accession #	Q15758
NCBI Official Full Name	neutral amino acid transporter B(0) isoform 1
NCBI Official Synonym Full Names	solute carrier family 1 member 5
NCBI Official Symbol	SLC1A5
NCBI Official Synonym Symbols	R16; AAAT; ATBO; M7V1; RDRC; ASCT2; M7VS1
NCBI Protein Information	neutral amino acid transporter B(0)
UniProt Protein Name	Neutral amino acid transporter B(0)
UniProt Gene Name	**SLC1A5**
UniProt Synonym Gene Names	ASCT2; M7V1; RDR; RDRC; ATB(0)
UniProt Entry Name	AAAT_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://www.aaabiotech.com/human-elisa-kits/neutral-amino-acid-transporter-b-slc1a5/330827