

Human Sodium-Coupled Neutral Amino Acid Transporter 1 (SLC38A1) ELISA Kit | SLC38A1 elisa kit

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CATALOG # AAA330813	REACTIVITY Human
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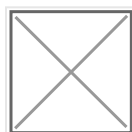
PRODUCT SYNONYMS

Sodium-Coupled Neutral Amino Acid Transporter 1 (SLC38A1); Human Sodium-Coupled Neutral Amino Acid Transporter 1 (SLC38A1) ELISA Kit; SLC38A1; ATA1; NAT2; SAT1; SNAT1; amino acid transporter system A1; SLC38A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	487
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC38A1 elisa kit	Principle of the Assay: Human Sodium-coupled Neutral Amino Acid Transporter 1 (SLC38A1) ELISA Kit employs a two-site sandwich ELISA to quantitate SLC38A1 in samples. An antibody specific for SLC38A1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SLC38A1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human SLC38A1 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 SLC38A1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background/Introduction: Amino acid transporters play essential roles in the uptake of nutrients, production of energy, chemical metabolism, detoxification, and neurotransmitter cycling. SLC38A1 is an important transporter of glutamine, an intermediate in the detoxification of ammonia and the production of urea. Glutamine serves as a precursor for the synaptic transmitter, glutamate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117168275
NCBI GeneID	81539
NCBI Accession #	NP_109599.3
NCBI GenBank Nucleotide #	NP_109599.3
UniProt Accession #	Q9H2H9

NCBI Official Full Name	sodium-coupled neutral amino acid transporter 1 isoform 1
NCBI Official Synonym Full Names	solute carrier family 38 member 1
NCBI Official Symbol	SLC38A1
NCBI Official Synonym Symbols	ATA1; NAT2; SAT1; SNAT1
NCBI Protein Information	sodium-coupled neutral amino acid transporter 1
UniProt Protein Name	Sodium-coupled neutral amino acid transporter 1
UniProt Gene Name	SLC38A1
UniProt Synonym Gene Names	ATA1; NAT2; SAT1; SNAT1
UniProt Entry Name	S38A1_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/sodium-coupled-neutral-amino-acid-transporter-1-slc38a1/330813>