

Mouse Sodium-coupled neutral amino acid transporter 2 (SLC38A2) ELISA Kit | SLC38A2 elisa kit

Mouse Sodium-coupled neutral amino acid transporter 2 (SLC38A2) ELISA Kit

CATALOG # AAA245305	REACTIVITY Mouse
-------------------------------	----------------------------

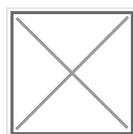
PRODUCT SYNONYMS

Sodium-coupled neutral amino acid transporter 2 (SLC38A2); Mouse Sodium-coupled neutral amino acid transporter 2 (SLC38A2) ELISA Kit; SLC38A2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC38A2 elisa kit	Intended Uses: This SLC38A2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SLC38A2. This ELISA kit for research use only! Principle of the Assay SLC38A2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-SLC38A2 antibody and an SLC38A2-HRP conjugate. The assay sample and buffer are incubated together with SLC38A2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SLC38A2 concentration since SLC38A2 from samples and SLC38A2-HRP conjugate compete for the anti-SLC38A2 antibody binding site. Since the number of sites is limited, as more sites are occupied by SLC38A2 from the sample, fewer sites are left to bind SLC38A2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SLC38A2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SLC38A2 elisa kit	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361602
NCBI GeneID	54407

NCBI Accession #	NP_061849.2
NCBI GenBank Nucleotide #	NM_018976.4
Molecular Weight	45,179 Da
NCBI Official Full Name	sodium-coupled neutral amino acid transporter 2
NCBI Official Synonym Full Names	solute carrier family 38, member 2
NCBI Official Symbol	SLC38A2
NCBI Official Synonym Symbols	ATA2; SAT2; SNAT2; PRO1068
NCBI Protein Information	sodium-coupled neutral amino acid transporter 2; protein 40-9-1; system A transporter 1; amino acid transporter A2; system A amino acid transporter 2; system N amino acid transporter 2
UniProt Protein Name	Sodium-coupled neutral amino acid transporter 2
UniProt Gene Name	SLC38A2
UniProt Synonym Gene Names	ATA2; KIAA1382; SAT2; SNAT2
UniProt Entry Name	S38A2_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://stage.aaabiotech.com/mouse-elisa-kits/sodium-coupled-neutral-amino-acid-transporter-2-slc38a2/245305>