

Human Cystine/glutamate transporter ELISA Kit | SLC7A11 elisa kit

Human Cystine/glutamate transporter ELISA Kit

CATALOG #
AAA193844

REACTIVITY
Human

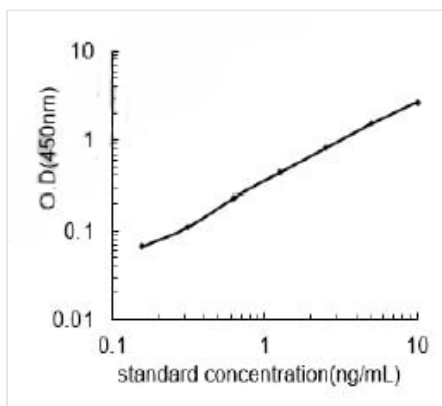
PRODUCT SYNONYMS

Cystine/glutamate transporter; Human Cystine/glutamate transporter ELISA Kit; Amino acid transport system xc-; Calcium channel blocker resistance protein CCB1; Solute carrier family 7 member 11; xCT; SLC7A11; SLC7A11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	501
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-Assay CV	<=4.2%
Inter-Assay CV	<=8.1%
Recovery	96%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC7A11 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657683
NCBI GeneID	23657
NCBI Accession #	NP_055146.1
NCBI GenBank Nucleotide #	NM_014331.3
UniProt Accession #	Q9UPY5; A8K2U4
Molecular Weight	55,423 Da
NCBI Official Full Name	cystine/glutamate transporter
NCBI Official Synonym Full Names	solute carrier family 7 member 11
NCBI Official Symbol	SLC7A11
NCBI Official Synonym Symbols	xCT; CCBR1
NCBI Protein Information	cystine/glutamate transporter
UniProt Protein Name	Cystine/glutamate transporter
UniProt Gene Name	SLC7A11
UniProt Entry Name	XCT_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/slc7a11-human-elisa-kits/cystine-glutamate-transporter/193844>