

Human SLC7A11 (Solute Carrier Family 7, Member 11) ELISA Kit | SLC7A11 elisa kit

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CATALOG #
AAA278469

REACTIVITY
Human

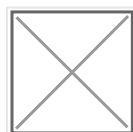
PRODUCT SYNONYMS

SLC7A11 (Solute Carrier Family 7; Member 11); Human SLC7A11 (Solute Carrier Family 7; Member 11) ELISA Kit; CCB1; xCT; Cystine/Glutamate Transporter; Cationic Amino Acid Transporter; y+ System; Amino acid transport system xc-; Calcium channel blocker resistance protein CCB1; SLC7A11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Tissue homogenates, cell lysates and other biological fluids
Detection Range	1.57-100ng/mL
Sensitivity	0.53ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC7A11 elisa kit	Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human SLC7A11. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SLC7A11. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human SLC7A11, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human SLC7A11 in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for SLC7A11 elisa kit	Signal transduction

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 (anionic amino acid transporter light chain, xc- system), member 11
NCBI Official Symbol	SLC7A11
NCBI Official Synonym Symbols	xCT; CCBR1
NCBI Protein Information	cystine/glutamate transporter; amino acid transport system xc-; calcium channel blocker resistance protein CCBR1; solute carrier family 7 member 11; solute carrier family 7, (cationic amino acid transporter, y+ system) member 11
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/slc7a11-solute-carrier-family-7-member-11/278469>