

Rat Cationic Amino Acid Transporter 2 (CAT2) RTU ELISA Kit | CAT2 rtu elisa kit

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CATALOG #
AAA69560

REACTIVITY
Rat

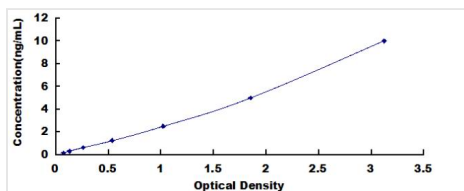
PRODUCT SYNONYMS

Cationic Amino Acid Transporter 2 (CAT2); Rat Cationic Amino Acid Transporter 2 (CAT2) ELISA Kit; SLC7A2; ATRC2; CAT-2; HCAT2; Low Affinity Cationic Amino Acid Transporter 2; Solute Carrier Family 7 Member 2; Cationic Amino Acid Transporter; y+ System; CAT2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	658
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.069ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAT2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CAT2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CAT2. 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 CAT2, 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 $\pm$ 10nm. The concentration of CAT2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	197927386
NCBI GeneID	64554
NCBI Accession #	NP_001128158.1
NCBI GenBank Nucleotide #	NM_001134686.2
UniProt Accession #	B5D5N9; B5D5P0
Molecular Weight	71,638 Da
NCBI Official Full Name	cationic amino acid transporter 2 isoform b
NCBI Official Synonym Full Names	solute carrier family 7 member 2
NCBI Official Symbol	Slc7a2
NCBI Official Synonym Symbols	Cat2; Cat2a; Cat2b
NCBI Protein Information	cationic amino acid transporter 2
UniProt Protein Name	Cationic amino acid transporter 2
UniProt Gene Name	Slc7a2
UniProt Synonym Gene Names	Atrc2; Cat2; CAT-2; CAT2

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/rat-rtu-elisa-kits/cationic-amino-acid-transporter-2-cat2/69560>