

Human Excitatory Amino Acid Transporter 3 (EAAT3) RTU ELISA Kit | EAAT3 rtu elisa kit

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CATALOG #
AAA70333

REACTIVITY
Human

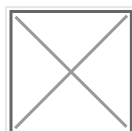
PRODUCT SYNONYMS

Excitatory Amino Acid Transporter 3 (EAAT3); Human Excitatory Amino Acid Transporter 3 (EAAT3) ELISA Kit; SLC1A1; EAAC1; Solute Carrier 1 Member 1; Sodium-dependent glutamate/aspartate transporter 3; Excitatory amino-acid carrier 1; Neuronal and epithelial glutamate transporter; EAAT3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	524
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.117ng/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 EAAT3 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EAAT3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EAAT3. 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 EAAT3, 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 EAAT3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	66773030
NCBI GeneID	6505

NCBI Accession #	NP_004161.4
NCBI GenBank Nucleotide #	NM_004170.5
UniProt Accession #	P43005 ; O75587 ; Q5VZ24 ; Q8N199 ; Q9UEW2
Molecular Weight	57,100 Da
NCBI Official Full Name	excitatory amino acid transporter 3
NCBI Official Synonym Full Names	solute carrier family 1 member 1
NCBI Official Symbol	SLC1A1
NCBI Official Synonym Symbols	DCBXA; EAAC1; EAAT3; SCZD18
NCBI Protein Information	excitatory amino acid transporter 3
UniProt Protein Name	Excitatory amino acid transporter 3
UniProt Gene Name	SLC1A1
UniProt Synonym Gene Names	EAAC1; EAAT3

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-rtu-elisa-kits/excitatory-amino-acid-transporter-3-eaat3/70333>