

Human Excitatory Amino Acid Transporter 3 ELISA Kit | EAAT3 elisa kit

Human EAAT3 (Excitatory Amino Acid Transporter 3) ELISA Kit

CATALOG #
AAA171439

REACTIVITY
Human

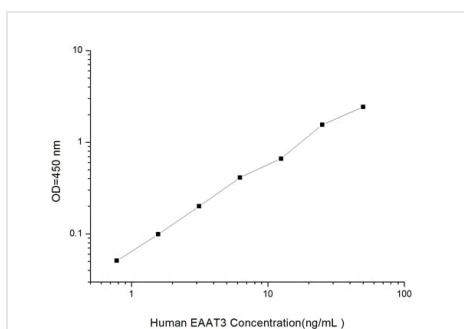
PRODUCT SYNONYMS

Excitatory Amino Acid Transporter 3; Human EAAT3 (Excitatory Amino Acid Transporter 3) ELISA Kit; EAAT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human EAAT3. No significant cross-reactivity or interference between Human EAAT3 and analogues was observed.
Sequence Length	524
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EAAT3 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanEAAT3concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to EAAT3. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for EAAT3and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain EAAT3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of EAAT3.You can calculate the concentration of EAAT3in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66773030
NCBI GeneID	6505
NCBI Accession #	NP_004161.4
NCBI GenBank Nucleotide #	NM_004170.5
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
UniProt Entry Name	EAA3_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/eaat3-human-elisa-kits/excitatory-amino-acid-transporter-3/171439>