

Human Adenylate Cyclase 7, Brain (ADCY7) ELISA Kit | ADCY7 elisa kit

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CATALOG #
AAA42459

REACTIVITY
Human

PRODUCT SYNONYMS

Adenylate Cyclase 7; Brain (ADCY7); Human Adenylate Cyclase 7; Brain (ADCY7) ELISA Kit; ADCY7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1080
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.02ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADCY7 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Adenylate Cyclase 7, Brain (also known as ADCY7) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ADCY7 antibody. ADCY7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ADCY7 Antibody is added and binds to ADCY7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ADCY7 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human ADCY7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557255
NCBI GeneID	113
NCBI Accession #	NP_001105.1
NCBI GenBank Nucleotide #	NM_001114.4
UniProt Accession #	P51828; A0AVA6
Molecular Weight	120,308 Da
NCBI Official Full Name	adenylate cyclase type 7 isoform 1
NCBI Official Synonym Full Names	adenylate cyclase 7
NCBI Official Symbol	ADCY7
NCBI Official Synonym Symbols	AC7
NCBI Protein Information	adenylate cyclase type 7
UniProt Protein Name	Adenylate cyclase type 7
UniProt Gene Name	ADCY7

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/adenylate-cyclase-7-brain-adcy7/42459>