

Rat Adenylate cyclase type 10 ELISA Kit | Adcy10 elisa kit

Rat Adenylate cyclase type 10 ELISA Kit

CATALOG #
AAA101482

REACTIVITY
Rat

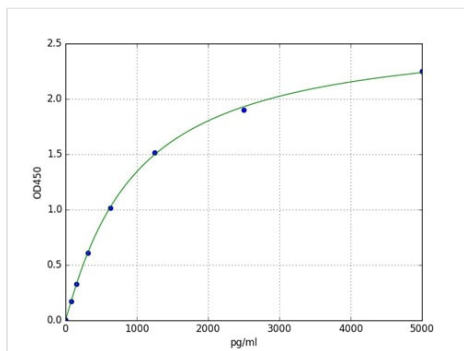
PRODUCT SYNONYMS

Adenylate cyclase type 10; Rat Adenylate cyclase type 10 ELISA Kit; Adcy10; Adcy10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1610
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Rat Adcy10 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.004	0.138	0.343	0.526	0.899	1.560	1.914	2.930

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Adcy10 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Adcy10 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Adcy10 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Adcy10 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Adcy10 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

209976994

NCBI GeneID	55811
NCBI Accession #	NP_060887.2
NCBI GenBank Nucleotide #	NM_018417.5
Molecular Weight	169,750 Da
NCBI Official Full Name	adenylate cyclase type 10 isoform 1
NCBI Official Synonym Full Names	adenylate cyclase 10 (soluble)
NCBI Official Symbol	ADCY10
NCBI Official Synonym Symbols	SAC; HCA2; SACI; Sacy; hsAC; HEL-S-7a
NCBI Protein Information	adenylate cyclase type 10
UniProt Protein Name	Adenylate cyclase type 10
UniProt Gene Name	ADCY10
UniProt Synonym Gene Names	SAC; hsAC; sAC
UniProt Entry Name	ADCYA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/adcy10-rat-elisa-kits/adenylate-cyclase-type-10/101482>