

Mouse Pituitary Adenylate Cyclase Activating Polypeptide ELISA Kit | PACAP elisa kit

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CATALOG #
AAA98256

REACTIVITY
Mouse

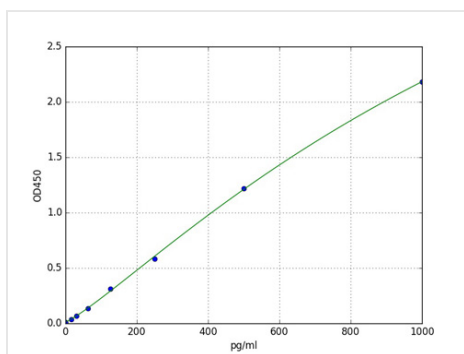
PRODUCT SYNONYMS

Pituitary Adenylate Cyclase Activating Polypeptide; Mouse Pituitary Adenylate Cyclase Activating Polypeptide ELISA Kit; PACAP/Adcyap1/Pituitary adenylate cyclase-activating polypeptide/ADCYAP1/PACAP/Pituitary adenylate cyclase-activating polypeptide; PACAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	176
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse PACAP 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	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.091	0.110	0.126	0.169	0.254	0.475	0.920	1.984

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PACAP elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse PACAP antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse PACAP 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 Mouse PACAP amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse PACAP can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	245806
NCBI GeneID	116
Molecular Weight	18,835 Da
NCBI Official Full Name	pituitary adenylate cyclase activating polypeptide
NCBI Official Synonym Full Names	adenylate cyclase activating polypeptide 1 (pituitary)
NCBI Official Symbol	ADCYAP1
NCBI Official Synonym Symbols	PACAP
NCBI Protein Information	pituitary adenylate cyclase-activating polypeptide
UniProt Protein Name	Pituitary adenylate cyclase-activating polypeptide
UniProt Gene Name	ADCYAP1
UniProt Synonym Gene Names	PACAP; PACAP-27; PACAP27; PACAP-38; PACAP38
UniProt Entry Name	PACA_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/pacap-mouse-elisa-kits/pituitary-adenylate-cyclase-activating-polypeptide/98256>