

Rat pituitary adenylate cyclase activating polypeptide, PACAP ELISA Kit | PACAP elisa kit

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CATALOG #
AAA41120

REACTIVITY
Rat

PRODUCT SYNONYMS

pituitary adenylate cyclase activating polypeptide; PACAP; Rat pituitary adenylate cyclase activating polypeptide; PACAP ELISA Kit; PACAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	176
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.03ng/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 PACAP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Pituitary Adenylate Cyclase Activating Polypeptide (also known as Ang1-7) 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 Rat Ang1-7 antibody. Ang1-7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Ang1-7 Antibody is added and binds to Ang1-7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Ang1-7 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 Rat Ang1-7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	245806
NCBI GeneID	116
UniProt Accession #	P18509; Q52LQ0; B2R7N4
Molecular Weight	18,835 Da
NCBI Official Full Name	pituitary adenylate cyclase activating polypeptide
NCBI Official Synonym Full Names	adenylate cyclase activating polypeptide 1
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

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/rat-elisa-kits/pituitary-adenylate-cyclase-activating-polypeptide-pacap/41120>