

Human Pituitary adenylate cyclase-activating polypeptide ELISA Kit | ADCYAP1 elisa kit

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CATALOG #
AAA193682

REACTIVITY
Human

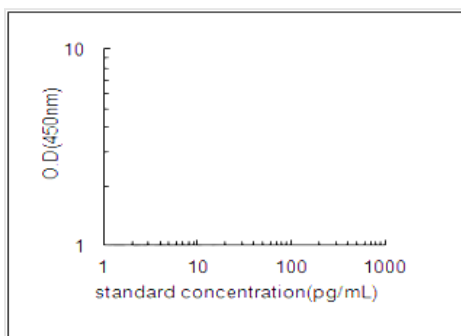
PRODUCT SYNONYMS

Pituitary adenylate cyclase-activating polypeptide; Human Pituitary adenylate cyclase-activating polypeptide ELISA Kit; PACAP; ADCYAP1; ADCYAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human PACAP. No significant cross-reactivity or interference was observed.
Sequence Length	176
Assay Type	Sandwich
Detection Range	7.8-500 pg/mL
Sensitivity	2.1pg/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=9.2%
Recovery	104%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADCYAP1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human PACAP concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PACAP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for PACAP and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain PACAP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of PACAP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153266792
NCBI GeneID	116
NCBI Accession #	NP_001093203.1
NCBI GenBank Nucleotide #	NM_001099733.1
UniProt Accession #	P18509; Q52LQ0; B2R7N4
Molecular Weight	18,835 Da
NCBI Official Full Name	pituitary adenylate cyclase-activating polypeptide preproprotein
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.

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Online datasheet: <https://stage.aaabiotech.com/adcyap1-human-elisa-kits/pituitary-adenylate-cyclase-activating-polypeptide/193682>