

Mouse Adenylate Cyclase Activating Polypeptide 1, Pituitary (ADCYAP1) ELISA Kit | ADCYAP1 elisa kit

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CATALOG # AAA13906	REACTIVITY Mouse
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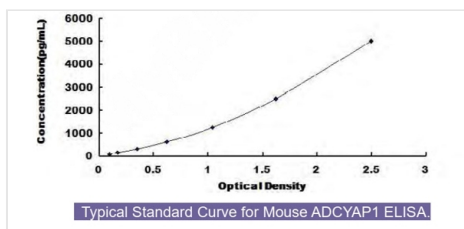
PRODUCT SYNONYMS

Adenylate Cyclase Activating Polypeptide 1; Pituitary (ADCYAP1); Mouse Adenylate Cyclase Activating Polypeptide 1; Pituitary (ADCYAP1) ELISA Kit; PACAP; PRP-48; Pituitary Adenylate Cyclase Activating Peptide; ADCYAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ADCYAP1. No significant cross-reactivity or interference between ADCYAP1 and analogues was observed.
Sequence Length	175
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates or other biological fluids
Detection Range	78.1-5000pg/mL
Sensitivity	< 28pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ADCYAP1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ADCYAP1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADCYAP1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADCYAP1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ADCYAP1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ADCYAP1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of ADCYAP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ADCYAP1 in mouse serum, plasma, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	937500806
NCBI GeneID	11516
NCBI Accession #	NP_001302432.1
NCBI GenBank Nucleotide #	NM_001315503.1
UniProt Accession #	O70176
Molecular Weight	19,381 Da
NCBI Official Full Name	pituitary adenylate cyclase-activating polypeptide isoform 1 preproprotein
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; 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/mouse-elisa-kits/adenylate-cyclase-activating-polypeptide-1-pituitary-adcyap1/13906>