

Chicken Adenylate Cyclase Activating Polypeptide 1, Pituitary ELISA Kit | ADCYAP1 elisa kit

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CATALOG # AAA93129	REACTIVITY Chicken
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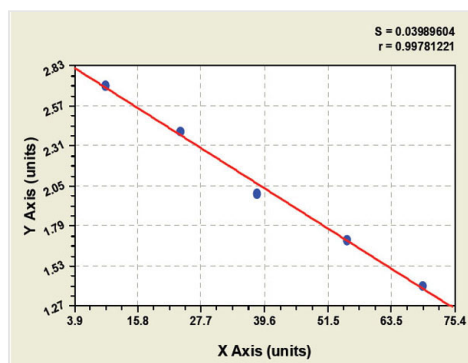
PRODUCT SYNONYMS

Adenylate Cyclase Activating Polypeptide 1; Pituitary; Chicken Adenylate Cyclase Activating Polypeptide 1; Pituitary ELISA Kit; ADCYAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture superna tants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADCYAP1 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This ADCYAP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ADCYAP1. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY ADCYAP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ADCYAP1 antibody and an ADCYAP1-HRP conjugate. The assay sample and buffer are incubated together with ADCYAP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ADCYAP1 concentration since ADCYAP1 from samples and ADCYAP1-HRP conjugate compete for the anti-ADCYAP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADCYAP1 from the sample, fewer sites are left to bind ADCYAP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADCYAP1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ADCYAP1 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	119622111
NCBI GeneID	116
Molecular Weight	18,835 Da
NCBI Official Full Name	adenylate cyclase activating polypeptide 1 (pituitary)
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; prepro-PACAP
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.