

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

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CATALOG #
AAA92332

REACTIVITY
Bovine

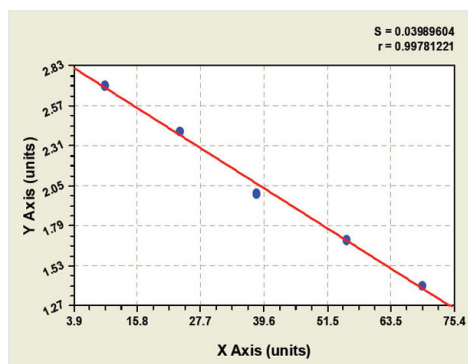
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/ml
Intended Uses	This ADCYAP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ADCYAP1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADCYAP1 elisa kit

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

Signal Transduction

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.

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Online datasheet: <https://stage.aaabiotech.com/adcyap1-bovine-ovine-elisa-kits/adenylate-cyclase-activating-polypeptide-1-pituitary/92332>