

Monkey Protein kinase A ELISA Kit | PKA elisa kit

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CATALOG #
AAA94200

REACTIVITY
Monkey

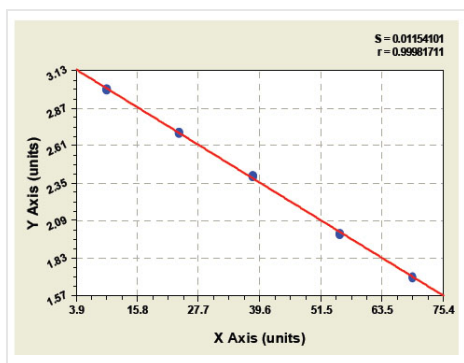
PRODUCT SYNONYMS

Protein kinase A; Monkey Protein kinase A ELISA Kit; PKA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKA elisa kit

Intended Uses: This PKA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey PKA. This ELISA kit for research use only!

Principle of the Assay: PKA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PKA antibody and an PKA-HRP conjugate. The assay sample and buffer are incubated together with PKA-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 PKA concentration since PKA from samples and PKA-HRP conjugate compete for the anti-PKA antibody binding site. Since the number of sites is limited, as more sites are occupied by PKA from the sample, fewer sites are left to bind PKA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PKA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PKA elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	349929923
Molecular Weight	44,865 Da
NCBI Official Full Name	protein kinase A
UniProt Protein Name	Protein kinase A
UniProt Entry Name	H2KTF1_CLOSI

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/pka-monkey-elisa-kits/protein-kinase-a/94200>