

Mouse Adenylyl Cyclase Associated Protein 1 ELISA Kit | CAP1 elisa kit

Mouse Adenylyl Cyclase Associated Protein 1 ELISA Kit

CATALOG #
AAA83947

REACTIVITY
Mouse

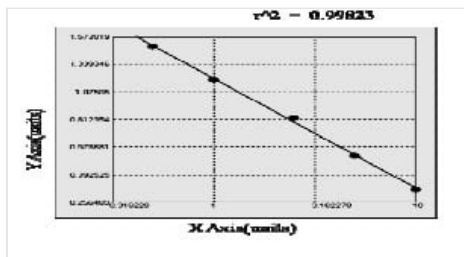
PRODUCT SYNONYMS

Adenylyl Cyclase Associated Protein 1; Mouse Adenylyl Cyclase Associated Protein 1 ELISA Kit; CAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAP1 elisa kit

Intended Uses: This CAP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CAP1. This ELISA kit for research use only!

Principle of the Assay: CAP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CAP1 antibody and an CAP1-HRP conjugate. The assay sample and buffer are incubated together with CAP1-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 CAP1 concentration since CAP1 from samples and CAP1-HRP conjugate compete for the anti-CAP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CAP1 from the sample, fewer sites are left to bind CAP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CAP1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CAP1 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	3250916
NCBI GeneID	117287
UniProt Accession #	O88767
Molecular Weight	19,974 Da
NCBI Official Full Name	CAP1
NCBI Official Synonym Full Names	parkinson protein 7
NCBI Official Symbol	Park7
NCBI Official Synonym Symbols	Dj1; CAP1; DJ-1; SP22
NCBI Protein Information	protein DJ-1; fertility protein SP22; contraception-associated protein 1; parkinson disease protein 7 homolog; Parkinson disease (autosomal recessive, early onset) 7
UniProt Protein Name	Protein DJ-1
UniProt Gene Name	Park7
UniProt Synonym Gene Names	Cap1; Protein CAP1
UniProt Entry Name	PARK7_RAT

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/cap1-mouse-elisa-kits/adenylyl-cyclase-associated-protein-1/83947>