

Mouse ROCK1 (Rhoassociated, coiled-coil containing) ELISA Kit | ROCK1 elisa kit

Mouse ROCK1 (Rhoassociated, coiled-coil containing) ELISA Kit

CATALOG #
AAA249761

REACTIVITY
Mouse

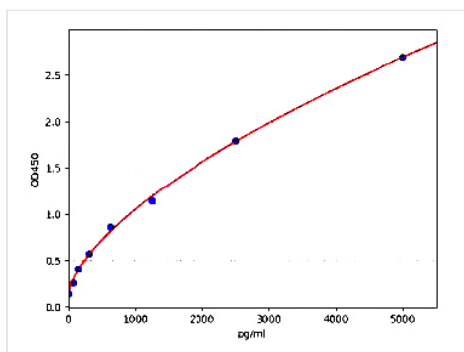
PRODUCT SYNONYMS

ROCK1 (Rhoassociated; coiled-coil containing); Mouse ROCK1 (Rhoassociated; coiled-coil containing) ELISA Kit; Rho-associated protein kinase 1; Rho-associated; coiled-coil-containing protein kinase 1; coiled-coil-containing protein kinase I; p160 ROCK-1; ROCK-I; P160rock; Rock1; ROCK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ROCK1. No significant cross-reactivity or interference between ROCK1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ROCK1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	6677759
NCBI GeneID	19877
NCBI Accession #	NP_033097.1
NCBI GenBank Nucleotide #	NM_009071.2
UniProt Accession #	P70335; Q8C3G4; Q8C7H0
Molecular Weight	158,171 Da
NCBI Official Full Name	rho-associated protein kinase 1
NCBI Official Synonym Full Names	Rho-associated coiled-coil containing protein kinase 1
NCBI Official Symbol	Rock1
NCBI Official Synonym Symbols	Rock-I; 1110055K06Rik
NCBI Protein Information	rho-associated protein kinase 1; p160ROCK; p160 ROCK-1; Rho-associated coiled-coil forming kinase 1; rho-associated, coiled-coil-containing protein kinase 1; rho-associated, coiled-coil-containing protein kinase I
UniProt Protein Name	Rho-associated protein kinase 1
UniProt Gene Name	Rock1
UniProt Synonym Gene Names	ROCK-I; p160ROCK
UniProt Entry Name	ROCK1_MOUSE

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/rock1-rhoassociated-coiled-coil-containing/249761>