

Mouse Rho-associated protein kinase 2 ELISA Kit | Rock2 elisa kit

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CATALOG #
AAA195720

REACTIVITY
Mouse

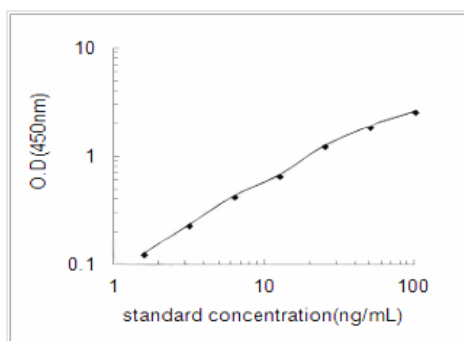
PRODUCT SYNONYMS

Rho-associated protein kinase 2; Mouse Rho-associated protein kinase 2 ELISA Kit; Rho-associated; coiled-coil-containing protein kinase 2; coiled-coil-containing protein kinase II; ROCK-II; p164 ROCK-2; Rock2; 2.7.11.1; Rock2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Rho-associated protein kinase 2. No significant cross-reactivity or interference was observed.
Sequence Length	1388
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	1.56 ng/mL -100 ng/mL
Sensitivity	<0.78 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Rock2 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Rho-associated protein kinase 2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rho-associated protein kinase 2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Rho-associated protein kinase 2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Rho-associated protein kinase 2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Rho-associated protein kinase 2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134949013
NCBI GeneID	19878
NCBI Accession #	NP_033098.2
NCBI GenBank Nucleotide #	NM_009072.2
UniProt Accession #	P70336; Q8BR64; Q8CBR0; A5XDA7
Molecular Weight	166,760 Da
NCBI Official Full Name	rho-associated protein kinase 2
NCBI Official Synonym Full Names	Rho-associated coiled-coil containing protein kinase 2
NCBI Official Symbol	Rock2
NCBI Official Synonym Symbols	Rock2m; Rock-II; ROKalpha; mKIAA0619; Rho-kinase; B230113H15Rik
NCBI Protein Information	rho-associated protein kinase 2
UniProt Protein Name	Rho-associated protein kinase 2
UniProt Gene Name	Rock2
UniProt Synonym Gene Names	ROCK-II
UniProt Entry Name	ROCK2_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.