

Human Rho-associated, coiled-coil containing protein kinase 2 ELISA Kit | ROCK2 elisa kit

Human Rho-associated coiled-coil containing protein kinase 2, Rock-2 ELISA Kit

CATALOG #
AAA80786

REACTIVITY
Human

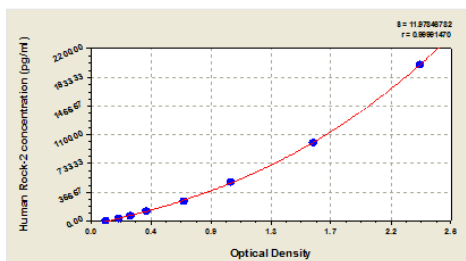
PRODUCT SYNONYMS

Rho-associated; coiled-coil containing protein kinase 2; Human Rho-associated coiled-coil containing protein kinase 2; Rock-2 ELISA Kit; Human Rho-associated coiled-coil containing protein kinase 2 (Rock-2) ELISA Kit; KIAA0619; ; ROCK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ROCK2. No significant cross-reactivity or interference between Human ROCK2 and analogues was observed.
Sequence Length	1388
Assay Type	Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ROCK2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Rock-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Rock-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Rock-2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Rock-2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41872583
NCBI GeneID	9475
NCBI Accession #	NP_004841.2
NCBI GenBank Nucleotide #	NM_004850.3
UniProt Accession #	O75116; Q53QZ0; Q53SJ7; Q9UQN5
Molecular Weight	160,900 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	ROCK-II
NCBI Protein Information	rho-associated protein kinase 2; p164 ROCK-2; rho-associated, coiled-coil-containing protein kinase II
UniProt Protein Name	Rho-associated protein kinase 2
UniProt Gene Name	ROCK2
UniProt Synonym Gene Names	KIAA0619; ROCK-II
UniProt Entry Name	ROCK2_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/rock2-human-elisa-kits/rho-associated-coiled-coil-containing-protein-kinase-2/80786>