

Human Rho-associated protein kinase 2 (ROCK2) ELISA Kit | ROCK2 elisa kit

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CATALOG #
AAA44268

REACTIVITY
Human

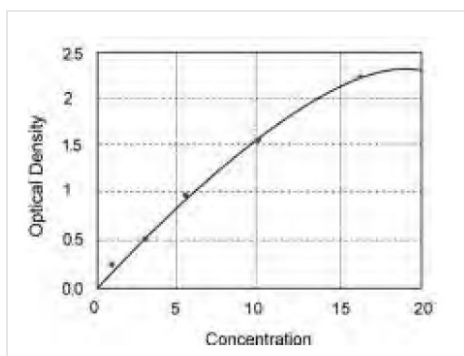
PRODUCT SYNONYMS

Rho-associated protein kinase 2 (ROCK2); Human Rho-associated protein kinase 2 (ROCK2) ELISA Kit; ROCK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1388
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.2-60ng/ml
Sensitivity	0.08ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ROCK2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ROCK2 antibody. ROCK2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ROCK2 Antibody is added and binds to ROCK2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ROCK2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human ROCK2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Rho-associated protein kinase 2 (also known as ROCK2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	398650620
NCBI GeneID	25537
NCBI Accession #	NP_037154.2
NCBI GenBank Nucleotide #	NM_013022.2
UniProt Accession #	Q62868
Molecular Weight	160,387 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	ROK; ROCK-II
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; ROKalpha

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/human-elisa-kits/rho-associated-protein-kinase-2-rock2/44268>