

Rat Integrin-linked protein kinase ELISA Kit | Ilk elisa kit

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CATALOG #
AAA56311

REACTIVITY
Rat

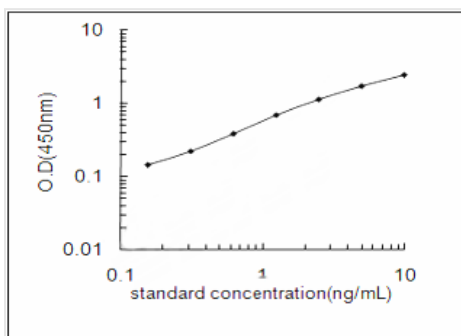
PRODUCT SYNONYMS

Integrin-linked protein kinase; Rat Integrin-linked protein kinase ELISA Kit; Ilk elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Integrin-linked protein kinase. No significant cross-reactivity or interference was observed.
Sequence Length	391
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=8.2%
Recovery	102%
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 Ilk elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Integrin-linked protein kinase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Integrin-linked protein kinase 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 Integrin-linked protein kinase, 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 Integrin-linked protein kinase 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 #	19173772
NCBI GeneID	170922
NCBI Accession #	NP_596900.1
NCBI GenBank Nucleotide #	NM_133409.2
UniProt Accession #	Q99J82
Molecular Weight	51,373 Da
NCBI Official Full Name	integrin-linked protein kinase
NCBI Official Synonym Full Names	integrin-linked kinase
NCBI Official Symbol	Ilk
NCBI Protein Information	integrin-linked protein kinase
UniProt Protein Name	Integrin-linked protein kinase
UniProt Gene Name	Ilk
UniProt Entry Name	ILK_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.