

Rat Focal Adhesion Kinase (FAK) RTU ELISA Kit | FAK rtu elisa kit

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CATALOG #
AAA70536

REACTIVITY
Rat

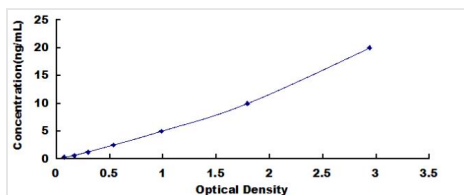
PRODUCT SYNONYMS

Focal Adhesion Kinase (FAK); Rat Focal Adhesion Kinase (FAK) ELISA Kit; PTK2; FADK; FAK1; Pp125FAK; PPP1R71; Protein Tyrosine Kinase 2; Focal adhesion kinase-related nonkinase; Protein phosphatase 1 regulatory subunit 71; FAK rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1055
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.112ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FAK rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FAK. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FAK. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FAK, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of FAK in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981440
NCBI GeneID	25614
NCBI Accession #	NP_037213.1
NCBI GenBank Nucleotide #	NM_013081.2
UniProt Accession #	O35346; Q62900
Molecular Weight	40,409 Da
NCBI Official Full Name	focal adhesion kinase 1
NCBI Official Synonym Full Names	protein tyrosine kinase 2
NCBI Official Symbol	Ptk2
NCBI Official Synonym Symbols	FAK; FRNK; p125FAK
NCBI Protein Information	focal adhesion kinase 1
UniProt Protein Name	Focal adhesion kinase 1
UniProt Gene Name	Ptk2
UniProt Synonym Gene Names	Fak; Fak1; FADK 1; FRNK

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/rat-rtu-elisa-kits/focal-adhesion-kinase-fak/70536>