

Human focal adhesion kinase, FAK ELISA Kit | FAK elisa kit

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CATALOG #
AAA41240

REACTIVITY
Human

PRODUCT SYNONYMS

focal adhesion kinase; FAK; Human focal adhesion kinase; FAK ELISA Kit; FAK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1052
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 50ng/ml
Sensitivity	0.02ng/ml
Intra-Assay	CV<8%
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 FAK elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Focal Adhesion Kinase (also known as FAK) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human FAK antibody. FAK present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human FAK Antibody is added and binds to FAK in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated FAK 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 FAK. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	439875
NCBI GeneID	5747
UniProt Accession #	Q05397; Q14291; Q8IYN9; Q9UD85; B4E2N6; F5H4S4; J3QT16
Molecular Weight	99,358 Da
NCBI Official Full Name	focal adhesion kinase
NCBI Official Synonym Full Names	protein tyrosine kinase 2
NCBI Official Symbol	PTK2
NCBI Official Synonym Symbols	FAK; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK
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; PPP1R71

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/human-elisa-kits/focal-adhesion-kinase-fak/41240>