

Human Focal adhesion kinase 1 ELISA Kit | PTK2 elisa kit

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CATALOG #
AAA99563

REACTIVITY
Human

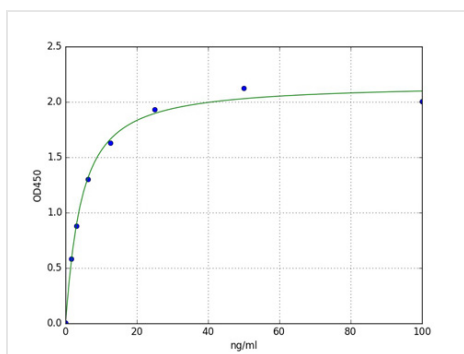
PRODUCT SYNONYMS

Focal adhesion kinase 1; Human Focal adhesion kinase 1 ELISA Kit; PTK2/FAK/FADK1/FADK 1/FADK/FAK-related non-kinase polypeptide/FAK1/FRNK/focal adhesion kinase 1/pp125FAK/Protein-tyrosine kinase 2/p125FAK/PPP1R71; PTK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1052
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human PTK2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.024	0.105	0.183	0.311	0.555	0.917	1.425	2.050

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTK2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PTK2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PTK2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PTK2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PTK2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24476013
NCBI GeneID	5747
NCBI Accession #	NP_722560.1
NCBI GenBank Nucleotide #	NM_153831.3
Molecular Weight	114,253 Da
NCBI Official Full Name	focal adhesion kinase 1 isoform a
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
UniProt Entry Name	FAK1_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/ptk2-human-elisa-kits/focal-adhesion-kinase-1/99563>