

Human Serine/threonine-protein kinase PAK 1 ELISA Kit | PAK1 elisa kit

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CATALOG #
AAA310109

REACTIVITY
Human

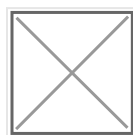
PRODUCT SYNONYMS

Serine/threonine-protein kinase PAK 1; Human Serine/threonine-protein kinase PAK 1 ELISA Kit; Alpha-PAK; p21-activated kinase 1; PAK-1; p65-PAK; PAK1; 2.7.11.1; PAK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural humanSerine/threonine-protein kinase PAK 1. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma,tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.15ng/ml -10.0ng/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAK1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination ofhumanSerine/threonine-protein kinase PAK 1concentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Serine/threonine-protein kinase PAK 1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forSerine/threonine-protein kinase PAK 1 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 Serine/threonine-protein kinase PAK 1, 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 Serine/threonine-protein kinase PAK 1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190886457
NCBI GeneID	5058
NCBI Accession #	NP_001122092.1

NCBI GenBank Nucleotide #	NM_001128620.1
UniProt Accession #	Q13153 ; O75561 ; Q13567 ; Q32M53 ; Q32M54 ; Q86W79
Molecular Weight	61,632 Da
NCBI Official Full Name	serine/threonine-protein kinase PAK 1 isoform 1
NCBI Official Synonym Full Names	p21 (RAC1) activated kinase 1
NCBI Official Symbol	PAK1
NCBI Official Synonym Symbols	PAKalpha
NCBI Protein Information	serine/threonine-protein kinase PAK 1
UniProt Protein Name	Serine/threonine-protein kinase PAK 1
UniProt Gene Name	PAK1
UniProt Synonym Gene Names	PAK-1

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/pak1-human-elisa-kits/serine-threonine-protein-kinase-pak-1/310109>