

Mouse Tyrosine-protein kinase BTK ELISA Kit | Btk elisa kit

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CATALOG #
AAA57294

REACTIVITY
Mouse

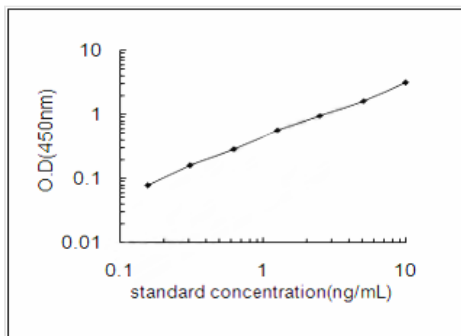
PRODUCT SYNONYMS

Tyrosine-protein kinase BTK; Mouse Tyrosine-protein kinase BTK ELISA Kit; Agammaglobulinaemia tyrosine kinase; ATK; B-cell progenitor kinase; BPK; Bruton tyrosine kinase; Kinase EMB; Btk; Bpk; 2.7.10.2; Btk elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Tyrosine-protein kinase BTK. No significant cross-reactivity or interference was observed.
Sequence Length	659
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.092 ng/mL
Intra-Assay CV	<=8.8%
Inter-Assay CV	<=11.0%
Recovery	99%
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 Btk elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Tyrosine-protein kinase BTK concentrations 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 Tyrosine-protein kinase BTK. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Tyrosine-protein kinase BTK 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 Tyrosine-protein kinase BTK, 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 Tyrosine-protein kinase BTK 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 #	161016839
NCBI GeneID	12229
NCBI Accession #	NP_038510.2
NCBI GenBank Nucleotide #	NM_013482.2
UniProt Accession #	P35991; Q61365
Molecular Weight	76,437 Da
NCBI Official Full Name	tyrosine-protein kinase BTK
NCBI Official Synonym Full Names	Bruton agammaglobulinemia tyrosine kinase
NCBI Official Symbol	Btk
NCBI Official Synonym Symbols	xid; A1528679
NCBI Protein Information	tyrosine-protein kinase BTK
UniProt Protein Name	Tyrosine-protein kinase BTK
UniProt Gene Name	Btk
UniProt Synonym Gene Names	Bpk; ATK; BPK
UniProt Entry Name	BTK_MOUSE

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.