

Human Bruton tyrosine kinase, Btk ELISA Kit | Btk elisa kit

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CATALOG #
AAA41159

REACTIVITY
Human

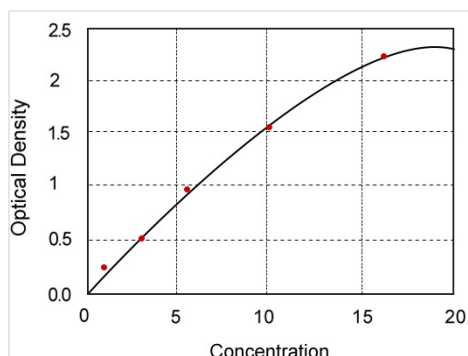
PRODUCT SYNONYMS

Bruton tyrosine kinase; Btk; Human Bruton tyrosine kinase; Btk ELISA Kit; Btk elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	659
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 35ng/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 Btk elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Bruton Tyrosine Kinase (also known as Btk) 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 Btk antibody. Btk present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Btk Antibody is added and binds to Btk in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Btk 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 Btk. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1684918
NCBI GeneID	695
UniProt Accession #	Q06187; Q32ML5; B2RAW1
Molecular Weight	79,937 Da
NCBI Official Full Name	Bruton's tyrosine kinase
NCBI Official Synonym Full Names	Bruton tyrosine kinase
NCBI Official Symbol	BTK
NCBI Official Synonym Symbols	AT; ATK; BPK; XLA; IMD1; AGMX1; PSCTK1
NCBI Protein Information	tyrosine-protein kinase BTK
UniProt Protein Name	Tyrosine-protein kinase BTK
UniProt Gene Name	BTK
UniProt Synonym Gene Names	AGMX1; ATK; BPK; ATK; BPK

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://www.aaabiotech.com/human-elisa-kits/bruton-tyrosine-kinase-btk/41159>