

Human Leukocyte tyrosine kinase receptor ELISA Kit | LTK elisa kit

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CATALOG #
AAA101579

REACTIVITY
Human

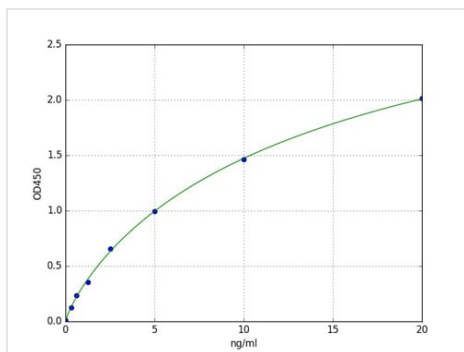
PRODUCT SYNONYMS

Leukocyte tyrosine kinase receptor; Human Leukocyte tyrosine kinase receptor ELISA Kit; LTK/TYK1 (Leukocyte tyrosine kinase receptor)/leukocyte receptor tyrosine kinase/leukocyte tyrosine kinase/Protein tyrosine kinase 1; LTK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	803
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 LTK 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	U/ml	0	156	313	625	1250	2500	5000	10000
Y	OD450	0.038	0.172	0.255	0.392	0.671	1.153	1.829	2.114

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LTK elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-LTK antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-LTK 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. HRP-Streptavidin 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 LTK amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of LTK can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46249416
NCBI GeneID	4058
NCBI Accession #	NP_996844.1
NCBI GenBank Nucleotide #	NM_206961.3
Molecular Weight	78,714 Da
NCBI Official Full Name	leukocyte tyrosine kinase receptor isoform 2
NCBI Official Synonym Full Names	leukocyte receptor tyrosine kinase
NCBI Official Symbol	LTK
NCBI Official Synonym Symbols	TYK1
NCBI Protein Information	leukocyte tyrosine kinase receptor
UniProt Protein Name	Leukocyte tyrosine kinase receptor
UniProt Gene Name	LTK
UniProt Synonym Gene Names	TYK1
UniProt Entry Name	LTK_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/ltk-human-elisa-kits/leukocyte-tyrosine-kinase-receptor/101579>