

Human LTK ELISA Kit | LTK elisa kit

Human LTK ELISA Kit PicoKine

CATALOG # AAA127993	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

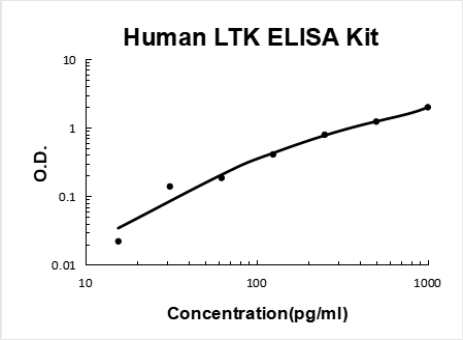
LTK; Human LTK ELISA Kit PicoKine; LTK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	15.6pg/ml-1,000pg/ml
Sensitivity	<8pg/ml
Capture antibody and Detection antibody	a polyclonal antibody from goat a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: S20-P424
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for LTK elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)015.631.262.51252505001,000O.D.0.0260.0480.1650.2110.4340.8161.2542.016
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)18544032758348Standard deviation0.81.7614.271.194.3922.1CV(%)4.4%3.3%3.5%4.4%7.6%6.4%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 118262817220.552.5%Sample 254583753513.236.4%Sample 340348336225737625.436.8%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human LTK PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for LTK elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for LTK elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	208879423
NCBI GeneID	4058
NCBI Accession #	NP_001129157.1
NCBI GenBank Nucleotide #	NM_001135685.1
UniProt Accession #	P29376 ; A6NNJ8 ; B4DL89 ; E9PFX4
Molecular Weight	91,681 Da
NCBI Official Full Name	leukocyte tyrosine kinase receptor isoform 3
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; protein tyrosine kinase 1
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/human-elisa-kits/ttk/127993>