

Human Tyrosine protein kinase Lck (LCK) ELISA Kit | LCK elisa kit

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CATALOG #
AAA246386

REACTIVITY
Human

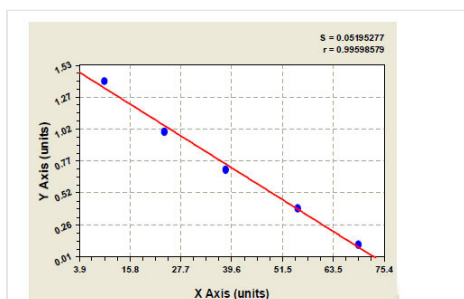
PRODUCT SYNONYMS

Tyrosine protein kinase Lck (LCK); Human Tyrosine protein kinase Lck (LCK) ELISA Kit; LCK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LCK elisa kit

Intended Uses: This LCK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human LCK. This ELISA kit for research use only!

Principle of the Assay||LCK ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-LCK antibody and an LCK-HRP conjugate. The assay sample and buffer are incubated together with LCK-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LCK concentration since LCK from samples and LCK-HRP conjugate compete for the anti-LCK antibody binding site. Since the number of sites is limited, as more sites are occupied by LCK from the sample, fewer sites are left to bind LCK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LCK concentration in each sample is interpolated from this standard curve.

Product Categories/Family for LCK elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	112789546
NCBI GeneID	3932
NCBI Accession #	NP_005347.3
NCBI GenBank Nucleotide #	NM_005356.4
Molecular Weight	61,190 Da
NCBI Official Full Name	tyrosine-protein kinase Lck
NCBI Official Synonym Full Names	LCK proto-oncogene, Src family tyrosine kinase
NCBI Official Symbol	LCK
NCBI Official Synonym Symbols	LSK; YT16; IMD22; p56lck; pp58lck
NCBI Protein Information	tyrosine-protein kinase Lck; leukocyte C-terminal Src kinase; p56(LSTRA) protein-tyrosine kinase; t cell-specific protein-tyrosine kinase; proto-oncogene tyrosine-protein kinase LCK; lymphocyte-specific protein tyrosine kinase; lymphocyte cell-specific protein-tyrosine kinase; T-lymphocyte specific protein tyrosine kinase p56lck
UniProt Protein Name	Tyrosine-protein kinase Lck
UniProt Gene Name	LCK
UniProt Synonym Gene Names	LSK
UniProt Entry Name	LCK_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://www.aaabiotech.com/human-elisa-kits/tyrosine-protein-kinase-lck-lck/246386>