

LAT (Human) Cell-Based ELISA Kit

Catalog # KA2965

Size 1 Kit

Specification

Product Description	LAT (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of LAT expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — LAT

Entrez GeneID	27040
Protein Accession#	O43561
Gene Name	LAT
Gene Alias	LAT1, pp36
Gene Description	linker for activation of T cells

Omim ID [602354](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is phosphorylated by ZAP-70/Syk protein tyrosine kinases following activation of the T-cell antigen receptor (TCR) signal transduction pathway. This transmembrane protein localizes to lipid rafts and acts as a docking site for SH2 domain-containing proteins. Upon phosphorylation, this protein recruits multiple adaptor proteins and downstream signaling molecules into multimolecular signaling complexes located near the site of TCR engagement. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations 36 kDa phospho-tyrosine adaptor protein

Pathway

- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)