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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Omim ID	602354
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is phosphorylated by ZAP-70/Syk protein tyrosine kinases follo wing activation of the T-cell antigen receptor (TCR) signal transduction pathway. This transmembr ane 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 m olecules into multimolecular signaling complexes located near the site of TCR engagement. Altern ative splicing results in multiple transcript variants encoding different isoforms. [provided by RefS eq
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

Copyright © 2023 Abnova Corporation. All Rights Reserved.