

Human Lymphocyte Adaptor Protein (Lnk) ELISA Kit | Lnk elisa kit

Human Lymphocyte Adaptor Protein (Lnk)(Sandwich ELISA) ELISA Kit

CATALOG #
AAA152374

REACTIVITY
Human

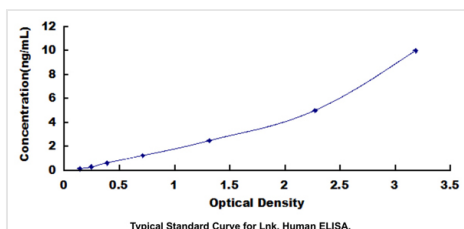
PRODUCT SYNONYMS

Lymphocyte Adaptor Protein (Lnk); Human Lymphocyte Adaptor Protein (Lnk)(Sandwich ELISA) ELISA Kit; ELISA Kit for Lymphocyte Adaptor Protein (Lnk); SH2B3; IDDM20; SH2B Adaptor Protein 3; Lymphocyte-specific adapter protein Lnk; Signal transduction protein Lnk; Lnk elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Lnk. No significant cross-reactivity or interference between Lnk and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Lnk were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Lnk were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lnk elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to Lnk. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Lnk. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Lnk, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Lnk in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Lnk in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	611435019
NCBI GeneID	10019
NCBI Accession #	NP_001278353.1
NCBI GenBank Nucleotide #	NM_001291424.1
UniProt Accession #	Q9UQQ2; O95184; B9EGG5
Molecular Weight	63,225 Da
NCBI Official Full Name	SH2B adapter protein 3 isoform 2
NCBI Official Synonym Full Names	SH2B adaptor protein 3
NCBI Official Symbol	SH2B3
NCBI Official Synonym Symbols	LNK; IDDM20
NCBI Protein Information	SH2B adapter protein 3; lymphocyte-specific adapter protein Lnk; signal transduction protein Lnk
UniProt Protein Name	SH2B adapter protein 3
UniProt Gene Name	SH2B3
UniProt Synonym Gene Names	LNK
UniProt Entry Name	SH2B3_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/lymphocyte-adaptor-protein-lnk/152374>