

Human Tyrosine-Protein Kinase Lyn (LYN) ELISA Kit | LYN elisa kit

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CATALOG #
AAA331910

REACTIVITY
Human

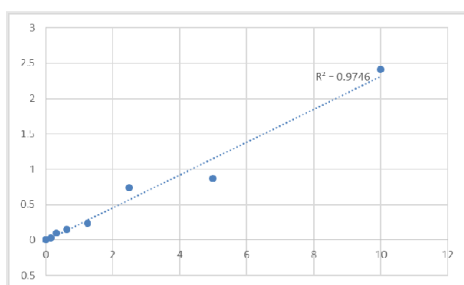
PRODUCT SYNONYMS

Tyrosine-Protein Kinase Lyn (LYN); Human Tyrosine-Protein Kinase Lyn (LYN) ELISA Kit; LYN; FLJ26625; JTK8; Yamaguchi sarcoma viral (v-yes-1) oncogene homolog; Yamaguchi sarcoma viral (v-yes-1) related oncogene homolog; LYN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Tyrosine-protein kinase Lyn (LYN) ELISA Kit has high sensitivity and excellent specificity for detection of Human LYN. No significant cross-reactivity or interference between Human LYN and analogues was observed.
Sequence Length	491
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Tyrosine-protein kinase Lyn (LYN) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for LYN elisa kit	Description: This Human Tyrosine-protein kinase Lyn (LYN) ELISA Kit employs a two-site sandwich ELISA to quantitate LYN in samples. An antibody specific for LYN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LYN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LYN is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LYN bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Using a v-yes DNA as the probe, Yamanashi et al. (1987) screened a human cDNA library made from placental RNA and derived DNA clones representing a novel genetic locus termed LYN. Nucleotide sequencing showed that LYN encodes a novel tyrosine kinase. Northern hybridization analysis showed that a 3.2-kb LYN mRNA was expressed in a variety of tissues of the human fetus. The pattern of expression was different from those of related genes such as YES.The degranulation response was dependent on a rise in intracellular calcium that was inhibited in Lyn-deficient mast cells but intact in Fyn-deficient cells. Degranulation proceeded in Lyn -/- cells due to increased activation and constitutive phosphorylation of the calcium-independent protein kinase C delta isoform (PRKCD).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	162287326
NCBI GeneID	4067
NCBI Accession #	NP_001104567.1
NCBI GenBank Nucleotide #	NP_001104567.1
UniProt Accession #	P07948
NCBI Official Full Name	tyrosine-protein kinase Lyn isoform B
NCBI Official Synonym Full Names	LYN proto-oncogene, Src family tyrosine kinase
NCBI Official Symbol	LYN
NCBI Official Synonym Symbols	JTK8; p53Lyn; p56Lyn
NCBI Protein Information	tyrosine-protein kinase Lyn
UniProt Protein Name	Tyrosine-protein kinase Lyn
UniProt Gene Name	LYN
UniProt Synonym Gene Names	JTK8
UniProt Entry Name	LYN_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/tyrosine-protein-kinase-lyn-lyn/331910>