

Human V-Yes-1 Yamaguchi Sarcoma Viral Related Oncogene Homolog (LYN) ELISA Kit | LYN elisa kit

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CATALOG # AAA139650	REACTIVITY Human
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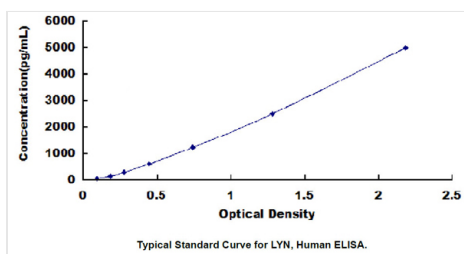
PRODUCT SYNONYMS

V-Yes-1 Yamaguchi Sarcoma Viral Related Oncogene Homolog (LYN); Human V-Yes-1 Yamaguchi Sarcoma Viral Related Oncogene Homolog (LYN) ELISA Kit; JTK8; p53Lyn; p56Lyn; Tyrosine-protein kinase Lyn; Lck/Yes-related novel protein tyrosine kinase; LYN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LYN. No significant cross-reactivity or interference between LYN and analogues was observed.
Sequence Length	491
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	78-5,000pg/mL
Sensitivity	< 32pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LYN 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 LYN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	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 LYN elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to LYN. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to LYN. 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 LYN, 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 LYN 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 LYN in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for LYN elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	50960723
NCBI GeneID	4067
UniProt Accession #	P07948; A0AVQ5
Molecular Weight	56,033 Da
NCBI Official Full Name	V-yes-1 Yamaguchi sarcoma viral related oncogene homolog
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/v-yes-1-yamaguchi-sarcoma-viral-related-oncogene-homolog-lyn/139650>