

Human SYK ELISA Kit | SYK elisa kit

Human SYK (Spleen Tyrosine Kinase) ELISA Kit

CATALOG #
AAA21610

REACTIVITY
Human

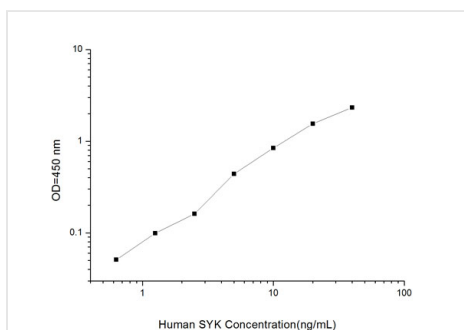
PRODUCT SYNONYMS

SYK; Human SYK (Spleen Tyrosine Kinase) ELISA Kit; SYK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human SYK in samples. No significant cross-reactivity or interference between Human SYK and analogues was observed.
Sequence Length	629
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.63-40ng/mL
Sensitivity	0.38ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid-range and high level Human SYK were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid-range and high level Human SYK were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SYK elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro-ELISA plate provided in this kit has been pre-coated with an antibody specific to Human SYK. Standards or samples are added to the micro-ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human SYK and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human SYK, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human SYK. You can calculate the concentration of Human SYK in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human SYK concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	818861
NCBI GeneID	20963
UniProt Accession #	P48025
Molecular Weight	71,376 Da
NCBI Official Full Name	SYK
NCBI Official Synonym Full Names	spleen tyrosine kinase
NCBI Official Symbol	Syk
NCBI Official Synonym Symbols	Sykb
NCBI Protein Information	tyrosine-protein kinase SYK
UniProt Protein Name	Tyrosine-protein kinase SYK
UniProt Gene Name	Syk
UniProt Synonym Gene Names	ptk72; Sykb
UniProt Entry Name	KSYK_MOUSE

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://www.aaabiotech.com/human-elisa-kits/syk/21610>