

Mouse Total Spleen tyrosine kinase ELISA Kit | Syk elisa kit

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CATALOG #
AAA84889

REACTIVITY
Mouse

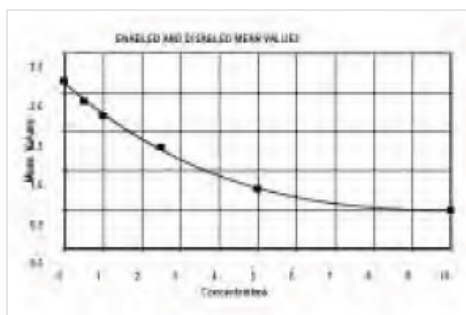
PRODUCT SYNONYMS

Total Spleen tyrosine kinase; Mouse Total Spleen tyrosine kinase ELISA Kit; Syk elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Cell culture fluid, body fluid, tissue homogenate, serum and blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Syk elisa kit	For Samples: Cell culture fluid, body fluid, tissue homogenate, serum and blood plasma Intended Uses: This TOTAL SYK PROTEIN ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of TOTAL SYK PROTEIN in the sample, this TOTAL SYK PROTEIN ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus TOTAL SYK PROTEIN concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of TOTAL SYK PROTEIN utilizes a monoclonal anti-TOTAL SYK PROTEIN antibody and an TOTAL SYK PROTEIN -HRP conjugate. The assay sample and buffer are incubated together with TOTAL SYK PROTEIN -HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TOTAL SYK PROTEIN concentration since TOTAL SYK PROTEIN from samples and TOTAL SYK PROTEIN -HRP conjugate compete for the anti-TOTAL SYK PROTEIN antibody binding site. Since the number of sites is limited, as more sites are occupied by TOTAL SYK PROTEIN from the sample, fewer sites are left to bind TOTAL SYK PROTEIN -HRP conjugate. Standards of known TOTAL SYK PROTEIN concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of TOTAL SYK PROTEIN . The TOTAL SYK PROTEIN concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	818861
NCBI GeneID	20963
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.