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

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CATALOG #	REACTIVITY
AAA330625	**Human**

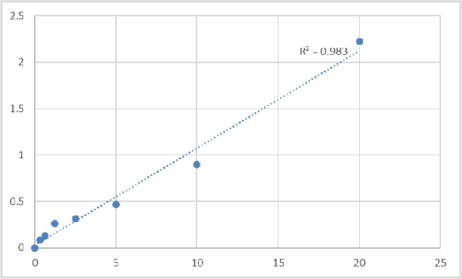
PRODUCT SYNONYMS

Spleen Tyrosine Kinase (SYK); Human Spleen Tyrosine Kinase (SYK) ELISA Kit; SYK; DKFZp313N1010; FLJ25043; FLJ37489; OTTHUMP00000021628; OTTHUMP00000021629; SYK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Spleen tyrosine kinase (SYK) ELISA Kit has high sensitivity and excellent specificity for detection of Human SYK. No significant cross-reactivity or interference between Human SYK and analogues was observed.
Sequence Length	612
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 Spleen tyrosine kinase (SYK) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SYK elisa kit	Description: This Human Spleen tyrosine kinase (SYK) ELISA Kit employs a two-site sandwich ELISA to quantitate SYK in samples. An antibody specific for SYK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SYK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SYK 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 SYK bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: SYKis a member of the Syk family of tyrosine kinases. While Syk and Zap-70 are primarily expressed in hematopoietic tissues, there is expression of Syk in a variety of tissues. Within B and T cells respectively, Syk and Zap-70 transmit signals from the B-Cell receptor and T-Cell receptor. Syk plays a similar role in transmitting signals from a variety of cell surface receptors including CD74, Fc Receptor, and integrins. The role of Syk in epithelial malignancies is controversial. Several authors have suggested that abnormal Syk function facilitates transformation in Nasopharyngeal carcinoma and head and neck cancer while other authors have suggested a tumor suppressor role in breast and gastric cancer.

NCBI AND UNIPROT INFORMATION

NCBI GI #	205277435
NCBI GeneID	6850
NCBI Accession #	NP_001128524.1
NCBI GenBank Nucleotide #	NP_001128524.1
UniProt Accession #	P43405
NCBI Official Full Name	tyrosine-protein kinase SYK isoform Syk(S)
NCBI Official Synonym Full Names	spleen associated tyrosine kinase
NCBI Official Symbol	SYK
NCBI Official Synonym Symbols	p72-Syk
NCBI Protein Information	tyrosine-protein kinase SYK
UniProt Protein Name	Tyrosine-protein kinase SYK
UniProt Gene Name	**SYK**
UniProt Entry Name	KSYK_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://www.aaabiotech.com/human-elisa-kits/spleen-tyrosine-kinase-syk/330625