

Porcine Total Spleen tyrosine kinase ELISA Kit | Syk elisa kit

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CATALOG #
AAA94204

REACTIVITY
Porcine

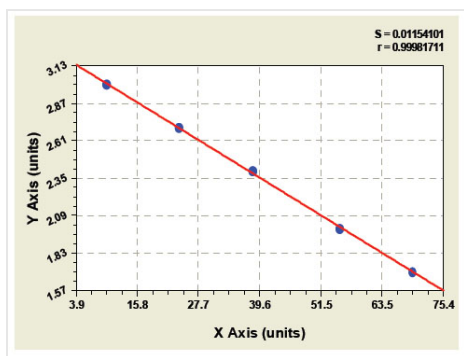
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Syk elisa kit

Intended Uses: This Syk ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine Syk. This ELISA kit for research use only!

Principle of the Assay: Syk ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Syk antibody and an Syk-HRP conjugate. The assay sample and buffer are incubated together with Syk-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 Syk concentration since Syk from samples and Syk-HRP conjugate compete for the anti-Syk antibody binding site. Since the number of sites is limited, as more sites are occupied by Syk from the sample, fewer sites are left to bind Syk-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Syk concentration in each sample is interpolated from this standard curve.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/syk-porcine-elisa-kits/total-spleen-tyosine-kinase/94204>