

## Chicken Total Spleen tyrosine kinase ELISA Kit | Syk elisa kit

Chicken Total Spleen tyrosine kinase ELISA Kit

CATALOG #  
**AAA93947**

REACTIVITY  
**Chicken**

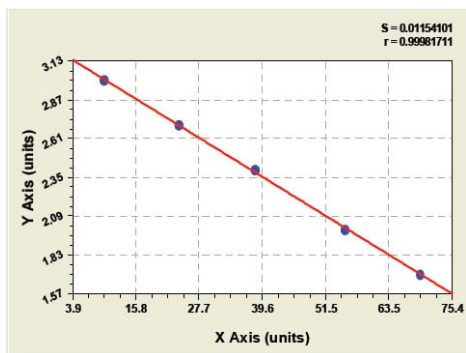
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                             |
| Assay Type              | Competitive                                                                                                                                                                            |
| Intended Uses           | This Syk ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken Syk. This ELISA kit for research use only, not for therapeutic applications  |
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| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                    |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for Syk elisa kit

**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                | <b>Syk</b>                  |
| 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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/syk-chicken-elisa-kits/total-spleen-tyosine-kinase/93947>