

## Human Tyrosine-protein kinase ZAP-70 ELISA Kit | ZAP70 elisa kit

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CATALOG #  
**AAA98286**

REACTIVITY  
**Human**

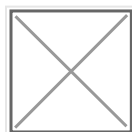
### PRODUCT SYNONYMS

Tyrosine-protein kinase ZAP-70; Human Tyrosine-protein kinase ZAP-70 ELISA Kit; ZAP70/mrtle/mur/SRK/STD/TZK/70 kDa zeta-associated protein/EC 2.7.10/EC 2.7.10.2/SRKFLJ17679/STDFLJ17670/Syk-related tyrosine kinase/tyrosine-protein kinase ZAP-70/TZK/ZAP-70/zeta-chain (TCR) associated protein kinase (70 kD)/zeta-chain (TCR) associated protein kinase 70kDa/zeta-chain associated protein kinase; 70kD; ZAP70 elisa kit

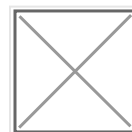
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                        |
| Sequence Length         | 619                                                                                                                                                          |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                         |
| Detection Range         | 0.313-20ng/ml                                                                                                                                                |
| Sensitivity             | 0.188ng/ml                                                                                                                                                   |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

### IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ZAP70 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human ZAP70 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ZAP70 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ZAP70 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ZAP70 can be calculated.

### NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 31455611    |
| NCBI GeneID               | 7535        |
| NCBI Accession #          | NP_001070.2 |
| NCBI GenBank Nucleotide # | NM_001079.3 |

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| Molecular Weight                 | 55,873 Da                                                     |
| NCBI Official Full Name          | tyrosine-protein kinase ZAP-70 isoform 1                      |
| NCBI Official Synonym Full Names | zeta chain of T cell receptor associated protein kinase 70kDa |
| NCBI Official Symbol             | ZAP70                                                         |
| NCBI Official Synonym Symbols    | SRK; STD; TZK; STCD; ZAP-70                                   |
| NCBI Protein Information         | tyrosine-protein kinase ZAP-70                                |
| UniProt Protein Name             | Tyrosine-protein kinase ZAP-70                                |
| UniProt Gene Name                | <b>ZAP70</b>                                                  |
| UniProt Synonym Gene Names       | SRK                                                           |
| UniProt Entry Name               | ZAP70_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.

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/zap70-human-elisa-kits/tyrosine-protein-kinase-zap-70/98286>