# antibodies .- online.com





## Datasheet for ABIN4885072

## **ZAP70 ELISA Kit**



#### Overview

| Quantity:    | 96 tests       |
|--------------|----------------|
| Target:      | ZAP70          |
| Reactivity:  | Human          |
| Method Type: | Sandwich ELISA |
| Application: | ELISA          |

| Product Details    |   |
|--------------------|---|
| Purpose:           | Custom Human ZAP70 ELISA Kit.   |
| Sample Type:       | Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate   |
| Analytical Method: | Quantitative  |
| Detection Method:  | Colorimetric  |
| Specificity:       | This ELISA antibody pair recognizes .   |
| Characteristics:   | <ul> <li>Strip plates and additional reagents allow for use in multiple experiments</li> <li>Quantitative protein detection</li> <li>Establishes normal range</li> <li>The best products for confirmation of antibody array data</li> </ul> |
| Components:        | <ul> <li>Pre-Coated 96-well Strip Microplate</li> <li>Wash Buffer</li> <li>Stop Solution</li> <li>Assay Diluent(s)</li> <li>Lyophilized Standard</li> <li>Biotinylated Detection Antibody</li> </ul>  |

#### **Product Details**

- · Streptavidin-Conjugated HRP
- TMB One-Step Substrate

#### Material not included:

- · Distilled or deionized water
- Precision pipettes to deliver 2 µL to 1 µL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

### **Target Details**

| Target:           | ZAP70                                       |
|-------------------|---|
| Alternative Name: | ZAP70 (ZAP70 Products)                      |
| Gene ID:          | 7535  |
| UniProt:          | P43403                                      |
| Pathways:         | TCR Signaling, Ubiquitin Proteasome Pathway |

### **Application Details**

| Sample Volume: | 100 μL  |
|----------------|---|
| Plate:         | Pre-coated  |
| Protocol:      | 1. Prepare all reagents, samples and standards as instructed in the manual. |
|                | 2. Add 100 µL of standard or sample to each well.                           |
|                | 3. Incubate 2.5 h at RT or O/N at 4 °C.                                     |
|                | 4. Add 100 μL of prepared biotin antibody to each well.                     |
|                | 5. Incubate 1 h at RT.  |
|                | 6. Add 100 µL of prepared Streptavidin solution to each well.               |
|                | 7. Incubate 45 min at RT.   |
|                | 8. Add 100 μL of TMB One-Step Substrate Reagent to each well.               |
|                | 9. Incubate 30 min at RT.   |
|                | 10. Add 50 μL of Stop Solution to each well.                                |
|                | 11. Read at 450 nm immediately.   |
| Restrictions:  | For Research Use only   |

## Handling

| Storage:         | -20 °C   |
|------------------|--|
| Storage Comment: | The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C. |
| Expiry Date:     | 6 months   |