

## Mouse Tartrate Resistant Acid Phosphatase+B742 ELISA Kit | TRAP elisa kit

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CATALOG #  
**AAA88673**

REACTIVITY  
**Mouse**

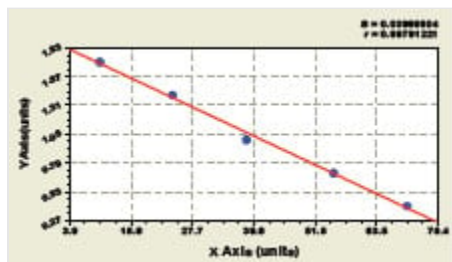
### PRODUCT SYNONYMS

Tartrate Resistant Acid Phosphatase+B742; Mouse Tartrate Resistant Acid Phosphatase+B742 ELISA Kit; TRAP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                               |
| Assay Type              | Competitive                                                                                                                                                                              |
| Detection Range         | 2.5-50ng/mL                                                                                                                                                                              |
| Sensitivity             | 0.1ng/mL                                                                                                                                                                                 |
| Intended Uses           | This TRACP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TRACP. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                      |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for TRAP elisa kit

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

#### Product Categories/Family for TRAP elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

|                            |              |
|----------------------------|--------------|
| NCBI GI #                  | 8918902      |
| Molecular Weight           | 21,961 Da    |
| NCBI Official Full Name    | traP         |
| UniProt Protein Name       | Protein TraP |
| UniProt Gene Name          | traP         |
| UniProt Synonym Gene Names | ECOK12F079   |
| UniProt Entry Name         | TRAP_ECOLI   |

**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://stage.aaabiotech.com/trap-mouse-elisa-kits/tartrate-resistant-acid-phosphataseb742/88673>