

## Tartrate-resistant acid phosphatase ELISA Kit | TRAP elisa kit

Rat Tartrate-resistant acid phosphatase ELISA Kit

CATALOG #  
**AAA96919**

REACTIVITY  
**Rat**

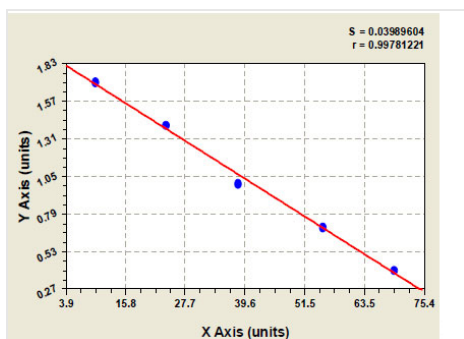
### PRODUCT SYNONYMS

Tartrate-resistant acid phosphatase; Rat Tartrate-resistant acid phosphatase ELISA Kit; TRAP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Rat                                                                        |
| 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 TRAP elisa kit

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

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

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

Immunology

**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-rat-elisa-kits/tartrate-resistant-acid-phosphatase/96919>