

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

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CATALOG # AAA94830	REACTIVITY Rabbit
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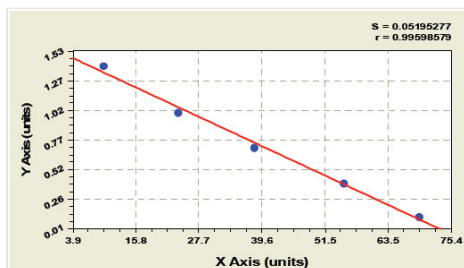
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
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 Rabbit 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: TRAP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TRAP antibody and a 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

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-rabbit-elisa-kits/tartrate-resistant-acid-phosphataseb742/94830>