

Mouse Tartrate Resistant Acid Phosphatase 5a ELISA Kit | TRAP-5a elisa kit

Mouse Tartrate Resistant Acid Phosphatase 5a ELISA Kit

CATALOG #
AAA244370

REACTIVITY
Mouse

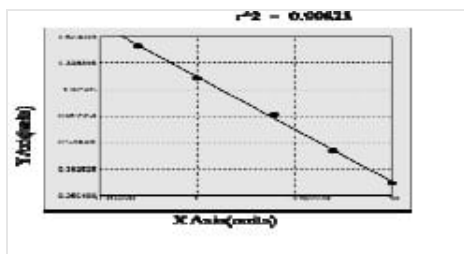
PRODUCT SYNONYMS

Tartrate Resistant Acid Phosphatase 5a; Mouse Tartrate Resistant Acid Phosphatase 5a ELISA Kit; TRAP-5a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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-5a elisa kit

Intended Uses: This TRACP5alpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TRACP5alpha. This ELISA kit for research use only!

Principle of the Assay||TRACP5alpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TRACP5alpha antibody and an TRACP5alpha-HRP conjugate. The assay sample and buffer are incubated together with TRACP5alpha-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 TRACP5alpha concentration since TRACP5alpha from samples and TRACP5alpha-HRP conjugate compete for the anti-TRACP5alpha antibody binding site. Since the number of sites is limited, as more sites are occupied by TRACP5alpha from the sample, fewer sites are left to bind TRACP5alpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TRACP5alpha concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TRAP-5a 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/trap-5a-mouse-elisa-kits/tartrate-resistant-acid-phosphatase-5a/244370>