

Mouse 3-hydroxyacyl-CoA dehydase 3 (PTPLAD1) ELISA Kit | PTPLAD1 elisa kit

Mouse 3-hydroxyacyl-CoA dehydase 3 (PTPLAD1) ELISA Kit

CATALOG #
AAA244349

REACTIVITY
Mouse

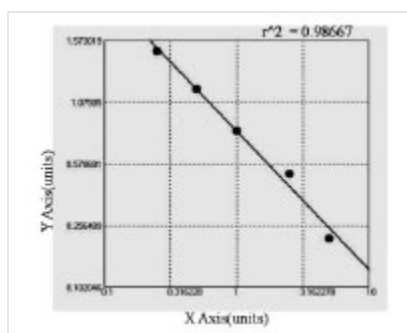
PRODUCT SYNONYMS

3-hydroxyacyl-CoA dehydase 3 (PTPLAD1); Mouse 3-hydroxyacyl-CoA dehydase 3 (PTPLAD1) ELISA Kit; PTPLAD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
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 PTPLAD1 elisa kit

Intended Uses: This PTPLAD1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PTPLAD1. This ELISA kit for research use only!

Principle of the Assay: PTPLAD1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PTPLAD1 antibody and an PTPLAD1-HRP conjugate. The assay sample and buffer are incubated together with PTPLAD1-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 PTPLAD1 concentration since PTPLAD1 from samples and PTPLAD1-HRP conjugate compete for the anti-PTPLAD1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PTPLAD1 from the sample, fewer sites are left to bind PTPLAD1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PTPLAD1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PTPLAD1 elisa kit

Cardiovascular

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/mouse-elisa-kits/3-hydroxyacyl-coa-dehydase-3-ptplad1/244349>