

Mouse L-phenylalanine ELISA Kit | LPA elisa kit

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CATALOG #
AAA84810

REACTIVITY
Mouse

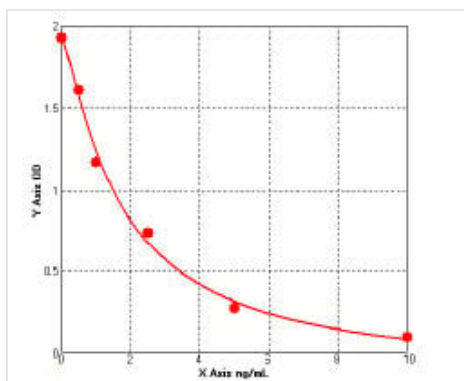
PRODUCT SYNONYMS

L-phenylalanine; Mouse L-phenylalanine ELISA Kit; LPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative 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 LPA elisa kit

Intended Uses: This LPGD2S ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse LPGD2S. This ELISA kit for research use only!

Principle of the Assay: LPGD2S ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-LPGD2S antibody and an LPGD2S-HRP conjugate. The assay sample and buffer are incubated together with LPGD2S-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 LPGD2S concentration since LPGD2S from samples and LPGD2S-HRP conjugate compete for the anti-LPGD2S antibody binding site. Since the number of sites is limited, as more sites are occupied by LPGD2S from the sample, fewer sites are left to bind LPGD2S-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LPGD2S concentration in each sample is interpolated from this standard curve.

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/lpa-mouse-elisa-kits/l-phenylalanine/84810>