

Mouse Ly6/PLAUR domain-containing protein 1 (LYPD1) ELISA Kit | LYPD1 elisa kit

Mouse Ly6/PLAUR domain-containing protein 1 (LYPD1) ELISA Kit

CATALOG #
AAA245995

REACTIVITY
Mouse

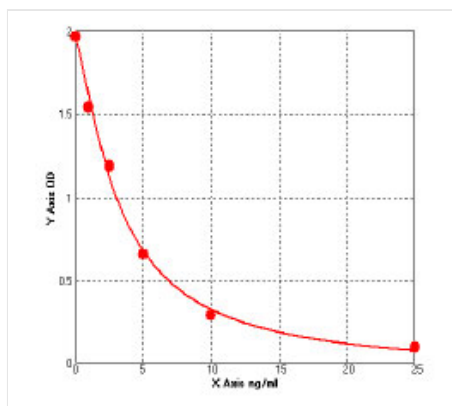
PRODUCT SYNONYMS

Ly6/PLAUR domain-containing protein 1 (LYPD1); Mouse Ly6/PLAUR domain-containing protein 1 (LYPD1) ELISA Kit; LYPD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of LYPD1. No significant cross-reactivity or interference between LYPD1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between LYPD1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 LYPD1 elisa kit	Principle of the Assay: LYPD1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-LYPD1 antibody and an LYPD1-HRP conjugate. The assay sample and buffer are incubated together with LYPD1-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 LYPD1 concentration since LYPD1 from samples and LYPD1-HRP conjugate compete for the anti-LYPD1 antibody binding site. Since the number of sites is limited, as more sites are occupied by LYPD1 from the sample, fewer sites are left to bind LYPD1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LYPD1 concentration in each sample is interpolated from this standard curve. Intended Uses: This LYPD1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse LYPD1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for LYPD1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	116812612
NCBI GeneID	116372
NCBI Accession #	NP_653187.3
NCBI GenBank Nucleotide #	NM_144586.5
Molecular Weight	9,423 Da
NCBI Official Full Name	ly6/PLAUR domain-containing protein 1 isoform a
NCBI Official Synonym Full Names	LY6/PLAUR domain containing 1
NCBI Official Symbol	LYPD1
NCBI Official Synonym Symbols	PHTS; LYPDC1
NCBI Protein Information	ly6/PLAUR domain-containing protein 1; putative HeLa tumor suppressor
UniProt Protein Name	Ly6/PLAUR domain-containing protein 1
UniProt Gene Name	LYPD1
UniProt Synonym Gene Names	LYPDC1; PSEC0181; UNQ3079/PRO9917; PHTS
UniProt Entry Name	LYPD1_HUMAN

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/ly6-plaur-domain-containing-protein-1-lypd1/245995>