Human Ly6/PLAUR domain containing protein 3 (LYPD3) ELISA Kit | LYPD3 elisa kit

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CATALOG #	REACTIVITY
AAA246414	**Human**

PRODUCT SYNONYMS

Ly6/PLAUR domain containing protein 3 (LYPD3); Human Ly6/PLAUR domain containing protein 3 (LYPD3) ELISA Kit; LYPD3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This LYPD3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human LYPD3. 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 LYPD3 elisa kit	**Principle of the assay:** LYPD3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LYPD3 antibody and an LYPD3-HRP conjugate. The assay sample and buffer are incubated together with LYPD3-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 LYPD3 concentration since LYPD3 from samples and LYPD3-HRP conjugate compete for the anti-LYPD3 antibody binding site. Since the number of sites is limited, as more sites are occupied by LYPD3 from the sample, fewer sites are left to bind LYPD3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LYPD3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for LYPD3 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	93004088
NCBI GeneID	27076

NCBI Accession #	NP_055215.2
NCBI GenBank Nucleotide #	NM_014400.2
Molecular Weight	35,971 Da
NCBI Official Full Name	ly6/PLAUR domain-containing protein 3
NCBI Official Synonym Full Names	LY6/PLAUR domain containing 3
NCBI Official Symbol	LYPD3
NCBI Official Synonym Symbols	C4.4A
NCBI Protein Information	ly6/PLAUR domain-containing protein 3; MIG-C4; 2310061G07Rik; matrigel-induced gene C4 protein; GPI-anchored metastasis-associated protein homolog; GPI-anchored metastasis-associated protein C4.4A homolog
UniProt Protein Name	Ly6/PLAUR domain-containing protein 3
UniProt Gene Name	**LYPD3**
UniProt Synonym Gene Names	C4.4A; UNQ491/PRO1007; MIG-C4
UniProt Entry Name	LYPD3_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.

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Online datasheet: https://stage.aaabiotech.com/human-elisa-kits/ly6-plaur-domain-containing-protein-3-lypd3/246414