

Human Ly6/PLAUR domain containing protein 2 (LYPD2) ELISA Kit | LYPD2 elisa kit

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CATALOG #
AAA246288

REACTIVITY
Human

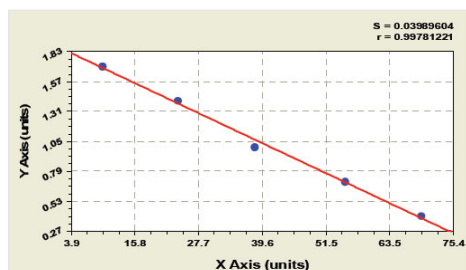
PRODUCT SYNONYMS

Ly6/PLAUR domain containing protein 2 (LYPD2); Human Ly6/PLAUR domain containing protein 2 (LYPD2) ELISA Kit; LYPD2 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 LYPD2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human LYPD2. 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 LYPD2 elisa kit

Principle of the assay: LYPD2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LYPD2 antibody and an LYPD2-HRP conjugate. The assay sample and buffer are incubated together with LYPD2-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 LYPD2 concentration since LYPD2 from samples and LYPD2-HRP conjugate compete for the anti-LYPD2 antibody binding site. Since the number of sites is limited, as more sites are occupied by LYPD2 from the sample, fewer sites are left to bind LYPD2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LYPD2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for LYPD2 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	45387925
NCBI GeneID	137797
NCBI Accession #	NP_991108.1
NCBI GenBank Nucleotide #	NM_205545.1
Molecular Weight	13,115 Da
NCBI Official Full Name	ly6/PLAUR domain-containing protein 2
NCBI Official Synonym Full Names	LY6/PLAUR domain containing 2
NCBI Official Symbol	LYPD2
NCBI Official Synonym Symbols	LYPDC2; UNQ430
NCBI Protein Information	ly6/PLAUR domain-containing protein 2; RGTR430
UniProt Protein Name	Ly6/PLAUR domain-containing protein 2
UniProt Gene Name	LYPD2
UniProt Synonym Gene Names	LYPDC2; UNQ430/PRO788
UniProt Entry Name	LYPD2_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-2-lypd2/246288>