

Human LY6/PLAUR domain containing 3 ELISA Kit | LYPD3 elisa kit

Human Ly6/PLAUR domain-containing protein 3, LYPD3 ELISA Kit

CATALOG #
AAA112510

REACTIVITY
Human

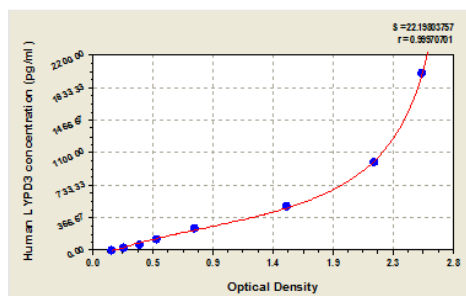
PRODUCT SYNONYMS

LY6/PLAUR domain containing 3; Human Ly6/PLAUR domain-containing protein 3; LYPD3 ELISA Kit; Human Ly6/PLAUR domain-containing protein 3 (LYPD3) ELISA kit; C4.4A; 2310061G07Rik; GPI-anchored metastasis-associated protein homolog; LYPD3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LYPD3. No significant cross-reactivity or interference between human LYPD3 and analogues was observed.
Sequence Length	346
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	The minimum detectable dose of human LYPD3 is typically less than 7.81 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LYPD3 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LYPD3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LYPD3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LYPD3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LYPD3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	93004088
NCBI GeneID	27076
NCBI Accession #	NP_055215.2
NCBI GenBank Nucleotide #	NM_014400.2
UniProt Accession #	O95274; Q9UJ74
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/lypd3-human-elisa-kits/ly6-plaur-domain-containing-3/112510>