

Human lymphocyte cytosolic protein 1 (L-plastin) ELISA Kit | LCP1 elisa kit

Human Plastin-2, LCP1 ELISA Kit

CATALOG #
AAA18090

REACTIVITY
Human

PRODUCT SYNONYMS

lymphocyte cytosolic protein 1 (L-plastin); Human Plastin-2; LCP1 ELISA Kit; Human Plastin-2 (LCP1) ELISA kit; CP64; DKFZp781A23186; FLJ25423; FLJ26114; FLJ39956; L-PLASTIN; LC64P; LPL; PLS2; L-plastin; L-plastin (Lymphocyte cytosolic protein 1) (LCP-1) (LC64P) ; Lymphocyte cytosolic protein-1 (plasmin) ; OTTHUMP; LCP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LCP1. No significant cross-reactivity or interference between human LCP1 and analogues was observed.
Sequence Length	627
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
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 LCP1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LCP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LCP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LCP1 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 LCP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614506
NCBI GeneID	3936
NCBI Accession #	NP_002289.2
NCBI GenBank Nucleotide #	NM_002298.4
UniProt Accession #	P13796; Q5TBN4; B2R613
Molecular Weight	70,288 Da
NCBI Official Full Name	plastin-2
NCBI Official Synonym Full Names	lymphocyte cytosolic protein 1 (L-plastin)
NCBI Official Symbol	LCP1
NCBI Official Synonym Symbols	LPL; CP64; PLS2; LC64P; HEL-S-37; L-PLASTIN
NCBI Protein Information	plastin-2; LCP-1; plastin 2; epididymis secretory protein Li 37; Lymphocyte cytosolic protein-1 (plasmin); bA139H14.1 (lymphocyte cytosolic protein 1 (L-plastin)); L-plastin (Lymphocyte cytosolic protein 1) (LCP-1) (LC64P)
UniProt Protein Name	Plastin-2
UniProt Gene Name	LCP1
UniProt Synonym Gene Names	PLS2; LCP-1
UniProt Entry Name	PLSL_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/lcp1-human-elisa-kits/lymphocyte-cytosolic-protein-1-l-plastin/18090>