

Human LCP1 (Plastin-2) ELISA Kit | LCP1 elisa kit

Human LCP1 (Plastin-2) ELISA Kit

CATALOG #
AAA249640

REACTIVITY
Human

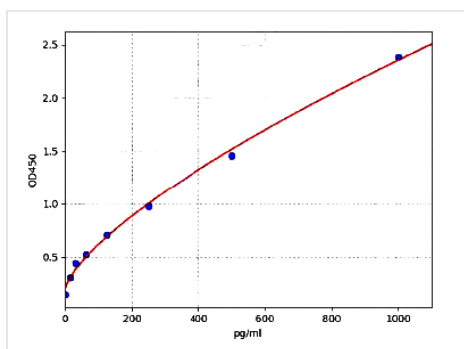
PRODUCT SYNONYMS

LCP1 (Plastin-2); Human LCP1 (Plastin-2) ELISA Kit; Plastin-2; L-plastin; LC64P; Lymphocyte cytosolic protein 1; LCP-1; LCP1; PLS2; LCP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LCP1. No significant cross-reactivity or interference between LCP1 and analogues was observed.
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LCP1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated detection antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119629163
NCBI GeneID	3936
UniProt Accession #	P13796; Q5TBN4; B2R613
Molecular Weight	70,288 Da
NCBI Official Full Name	lymphocyte cytosolic protein 1 (L-plastin), isoform CRA_a
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/lcp1-plastin-2/249640>