

Human Lipase (LIP) ELISA Kit | LIP elisa kit

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CATALOG #
AAA43449

REACTIVITY
Human

PRODUCT SYNONYMS

Lipase (LIP); Human Lipase (LIP) ELISA Kit; LIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	465
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	3ng/ml - 750ng/ml
Sensitivity	1.58ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LIP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Lipase (also known as LIP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human LIP antibody. LIP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human LIP Antibody is added and binds to LIP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LIP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human LIP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190140
NCBI GeneID	5406
UniProt Accession #	P16233; Q5VSQ2
Molecular Weight	51,157 Da
NCBI Official Full Name	lipase
NCBI Official Synonym Full Names	pancreatic lipase
NCBI Official Symbol	PNLIP
NCBI Official Synonym Symbols	PL; PTL; PNLIPD
NCBI Protein Information	pancreatic triacylglycerol lipase
UniProt Protein Name	Pancreatic triacylglycerol lipase
UniProt Gene Name	PNLIP
UniProt Synonym Gene Names	PL; PTL; Pancreatic lipase

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://www.aaabiotech.com/human-elisa-kits/lipase-lip/43449>