

Rat pancreatic lipase ELISA Kit | PNLIP elisa kit

Rat Pancreatic Lipase, PL ELISA Kit

CATALOG #
AAA80346

REACTIVITY
Rat

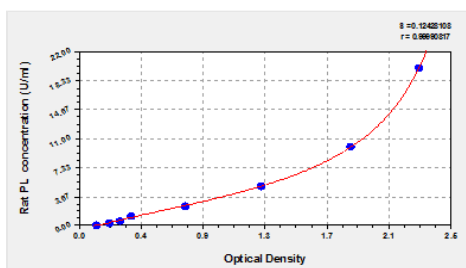
PRODUCT SYNONYMS

pancreatic lipase; Rat Pancreatic Lipase; PL ELISA Kit; PL; pancreatic triacylglycerol lipase; triacylglycerol acylhydrolase; PNLIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat PL. No significant cross-reactivity or interference between rat PL and analogues was observed.
Sequence Length	465
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.312 U/ml-20 U/ml
Sensitivity	< 0.078 U/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 PNLIP elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	126723250
NCBI GeneID	100009157
NCBI Accession #	NP_001075786.1
NCBI GenBank Nucleotide #	NM_001082317.1
UniProt Accession #	Q02157
Molecular Weight	51,162 Da
NCBI Official Full Name	pancreatic triacylglycerol lipase
NCBI Official Symbol	PNLIP
NCBI Official Synonym Symbols	PTL; PNLIPRP2
NCBI Protein Information	pancreatic triacylglycerol lipase; PL; triglyceride lipase; pancreatic lipase-related protein 2
UniProt Protein Name	Pancreatic triacylglycerol lipase
UniProt Gene Name	PNLIP
UniProt Synonym Gene Names	PL; PTL; Pancreatic lipase
UniProt Entry Name	LIPP_RABIT

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://www.aaabiotech.com/pnlip-rat-elisa-kits/pancreatic-lipase/80346>