

Lipoprotein Lipase/LPL Polyclonal Antibody(Capture/Detector)

catalog number: AN000210P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

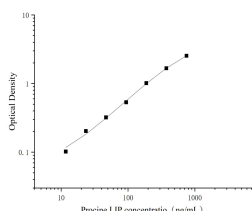
Description

Reactivity	pig
Immunogen	Pig LIP Native Protein
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Pig LIP Native Protein standard curve. Background subtracted standard curve using Lipoprotein Lipase/LPL antibody(AN000210P) (Capture), Lipoprotein Lipase/LPL antibody(AN000210P) (Detector) in sandwich ELISA. The reference range value for Pig LIP Native Protein is 11.759-750 ng/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Key enzyme in triglyceride metabolism. Catalyzes the hydrolysis of triglycerides from circulating chylomicrons and very low density lipoproteins (VLDL), and thereby plays an important role in lipid clearance from the blood stream, lipid utilization and storage. Although it has both phospholipase and triglyceride lipase activities it is primarily a triglyceride lipase with low but detectable phospholipase activity. Mediates margination of triglyceride-rich lipoprotein particles in capillaries. Recruited to its site of action on the luminal surface of vascular endothelium by binding to GPIHBP1 and cell surface heparan sulfate proteoglycans.

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