

Rat Lipase, Gastric (LIPF) ELISA Kit | LIPF elisa kit

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CATALOG #
AAA219711

REACTIVITY
Rat

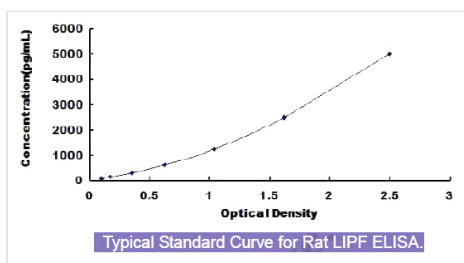
PRODUCT SYNONYMS

Lipase; Gastric (LIPF); Rat Lipase; Gastric (LIPF) ELISA Kit; Gastric lipase; GL; Lingual lipase; LIPF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of LGMN. No significant cross-reactivity or interference between LGMN and analogues was observed.
Sequence Length	395
Samples	Mouse Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LGMN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level LGMN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LIPF elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of LGMN in mouse serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LGMN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LGMN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain LGMN, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of LGMN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8394193
NCBI GeneID	50682
NCBI Accession #	NP_059037.1
NCBI GenBank Nucleotide #	NP_059037.1
UniProt Accession #	P04634
NCBI Official Full Name	gastric triacylglycerol lipase
NCBI Official Synonym Full Names	lipase F, gastric type
NCBI Official Symbol	Lipf
NCBI Official Synonym Symbols	Rnlp; RNLIP
NCBI Protein Information	gastric triacylglycerol lipase
UniProt Protein Name	Gastric triacylglycerol lipase
UniProt Gene Name	Lipf
UniProt Synonym Gene Names	GL; Gastric lipase
UniProt Entry Name	LIPG_RAT

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.