Colipase, CLPS (CLPS) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Colipase, CLPS, ELISA Kit
Full Product Name	Mouse Colipase, CLPS ELISA Kit
Product Gene Name	CLPS elisa kit
Species Reactivity	Mouse
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates and other biological fluids.
Detection Range	0.05 ng/mL-20 ng/mL
Sensitivity	0.024 ng/mL
Preparation and Storage	Store at 2 to 8 degree C for 6 months.
3D Structure	ModBase 3D Structure for P11149
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CLPS elisa kit	MBS1604801 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Colipase, CLPS, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CLPS. The ELISA analytical biochemical technique of the MBS1604801 kit is based on CLPS antibody-CLPS antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CLPS antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CLPS. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of CLPS elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLPS. It may not necessarily be applicable to this product.

NCBI GI #	116902
UniProt Primary Accession #	P11149
NCBI Official Full Name	Colipase
UniProt Protein Name	Colipase
Protein Family	ATP-dependent Clp protease adapter protein
UniProt Comments for CLPS	Colipase is a cofactor of pancreatic lipase. It allows the lipase to anchor itself to the lipid-water interface. Without colipase the enzyme is washed off by bile salts, which have an inhibitory effect on the lipase.
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