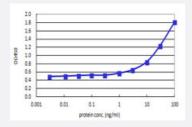


CLPS (Human) Matched Antibody Pair

Catalog # H00001208-AP41 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 0.3 ng/ml to 100 ng/ml.

Specification	
Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human CLPS.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00001208-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 0.3 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-CLPS, lgG2a Kappa (100 ug) 2. Detection antibody: biotinylated mouse monoclonal anti-CLPS, lgG2a Kappa (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

ELISA Pair (Recombinant protein)

Protocol Download





Other Designations	OTTHUMP00000016271 colipase pancreatic colipase preproprotein
Gene Summary	The protein encoded by this gene is a cofactor needed by pancreatic lipase for efficient dietary lip id hydrolysis. It binds to the C-terminal, non-catalytic domain of lipase, thereby stabilizing an active conformation and considerably increasing the overall hydrophobic binding site. The gene product allows lipase to anchor noncovalently to the surface of lipid micelles, counteracting the destabilizing influence of intestinal bile salts. This cofactor is only expressed in pancreatic acinar cells, suggesting regulation of expression by tissue-specific elements. [provided by RefSeq
Gene Ontology	<u>Hyperlink</u>
Omim ID	<u>120105</u>
Gene Description	colipase, pancreatic
Gene Alias	-
Gene Name	CLPS
Entrez GeneID	<u>1208</u>
Gene Info — CLPS	

Disease

- Diabetes Mellitus
- Genetic Predisposition to Disease
- Obesity