

Datasheet: 2148-1004

Description:	NATIVE PIG COLIPASE
Name:	COLIPASE
Format:	Purified
Product Type:	Purified Protein
Quantity:	1 mg

Product Details

Applications This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Pig
Product Form	Purified Protein - liquid
Preservative Stabilisers	None present.
Approx. Protein Concentrations	1.0 mg/ml
External Database Links	<p>UniProt: P02703 COL_PIG Related reagents</p> <p>Entrez Gene: 397407 CLPS Related reagents</p>
Specificity	Native porcine colipase
Molecular Weight	11 kDa
Activity	<p>4,000 U/mg</p> <p>Specific activity: 4,210 U/mg</p> <p>Unit definition: 1µM of fatty acid released per minute from tributyrin</p>
References	<p>1. Maylie, M.E. <i>et al.</i> (1971) Isolation and partial identification of a pancreatic colipase. Biochim. Biophys. Acta. (271): 400-412.</p> <p>2. Morgan, R.G. and Hoffman, N.E. (1971) The interaction of lipase, lipase cofactor and bile salts in triglyceride hydrolysis. Biochim. Biophys. Acta (248): 143-148.</p> <p>3. Alves, B.N. <i>et al.</i> (2009) Lipid-dependent cytotoxicity by the lipase PLRP2 and by PLRP2-positive cytotoxic T lymphocytes (CTLs). Cell Biochem Funct. 27: 296-308.</p>
Storage	Store at -20°C only.

Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.

Shelf Life 18 months from date of despatch.

Regulatory For research purposes only

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