CREATIVE BIOMART®
Assay Kit

Lipase Activity Colorimetric Assay Kit II

Product Information

Cat

Kit-2223

Cat.No. Kit-2223

Product Overview

Lipase is a subclass of the esterases that catalyze the hydrolysis of ester bonds in water-insoluble, lipid substrates. Lipases perform essential roles in the digestion, transport and processing of dietary lipids (e.g. triglycerides, fats, oils) in most, if not all, living organisms. In humans, pancreatic lipases are the key enzyme responsible for breaking down fats in the digestive system by converting triglycerides to monoglycerides and free fatty acids. During the damage of the pancreas, lipase levels can rise 5 to 10-fold within 24 to 48 hours. The kit provides a simple, sensitive, and reliable assay for rapid analysis of Lipase in samples. In the assay, Lipases hydrolyze a specific substrate to generate a product which reacts with the DTNB probe to generate color (λ=412 nm). The kit is also suitable for high throughput analyses.

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

Lipase Assay Buffer; DTNB Probe; Lipase Substrate; TNB Standard (5 mM); Lipase Positive Control

Target Species

Mammalian

Detection method Absorbance (412 nm)

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

CREATIVE BIOMART®
Assay Kit

Lipase Activity Colorimetric Assay Kit II

Features & Benefits

Simple procedure; takes ~ 60-90 minutes;
Fast and convenient;
Sensitive assays for measuring Lipase activity in various biological samples and the kit is also suitable for high throughput analyses.

Tel: 1-631-559-9269 1-516-512-3133
Fax:1-631-938-8127
Email:info@creative-biomart.org
45-1 Ramsey Road, Shirley, NY 11967, USA