CREATIVE BIOMART®
Assay Kit

Triglyceride (TG) Content Assay Kit

Product Information

Product Overview

Triglycerides are lipid molecules composed of long-chain fatty acids and glycerol and serve as major membrane components and respiratory substrates.
TG is extracted with isopropanol and saponified by KOH to release glycerol. Glycerol is oxidized by periodate to formaldehyde, which reacts with acetylacetone in the presence of chloride ions to form a yellow compound with absorbance at 420 nm. Color intensity correlates with TG content.

Size

100t/96s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

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