CREATIVE BIOMART®
Assay Kit

Phospholipid Assay Kit (Colorimetric/Fluorometric)

Product Information

Cat

Kit-0994

Common Name

Phospholipid

Cat.No. Kit-0994

Description

Phospholipids are a major component of lipid bilayer membranes. In addition, phospholipids are biologically important molecules as they are closely involved in signal transduction. Most phospholipids contain one diglyceride, a phosphate group, and one choline moiety. In human serum and plasma, almost 95% of the phospholipids are choline-containing phospholipids such as phosphatidylcholine and sphingomyelin. The remaining 5% is mainly choline-free phospholipids (i.e. phosphatidylethanolamine and phosphatidylserine). Phospholipid concentration is considered a disease biomarker as it can be altered in many lung, liver and heart diseases. phospholipid assay kit is simple, accurate and reproducible to measure total choline-containing phospholipids in biological samples such as serum, plasma and exosomes. The signal is directly proportional to the phospholipid concentration of phospholipids in the sample. This kit offers an excellent and efficient method for high-throughput assay that can detect phospholipid in the range of 0.1 to 10 nmol per sample.

Applications

Measures phospholipids in the range of 0.1 to 10 nmol per sample

Storage

-20°C

Shipping

Gel Pack

Size

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

Phospholipid Assay Kit (Colorimetric/Fluorometric)

100 assays
Kit Components
Assay Buffer; Probe Solution; Hydrolysis Enzyme; Development Mix; Standard (10 μmol)
Target Species
Mammalian
Detection method Detection method- Absorbance (570 nm) or Fluorescence (Ex/Em 535/587 nm)
Features & Benefits
Simpleprocedure; takes less than ~40 minutes; Fast and convenient

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