CREATIVE BIOMART®
Assay Kit

PLTP Activity Fluorometric Assay Kit

Product Information

Cat.No. Kit-0708

Product Overview

PLTP Activity Fluorometric Assay Kit uses a donor molecule containing a fluorescent self-quenched phospholipid that is transferred to an acceptor molecule in the presence of PLTP. PLTP-mediated transfer of the fluorescent phospholipid to the acceptor molecule results in an increase in fluorescence (Excitation: 465 nm; Emission: 535 nm).

Size

100 x 1 assay

Description

Plasma phospholipid transfer protein (PLTP) is thought to play a major role in the facilitated transfer of phospholipids between lipoproteins and in the modulation of high-density lipoprotein (HDL) particle size and composition. PLTP-facilitated lipid transfer activity is related to HDL and LDL metabolism, as well as lipoprotein lipase activity, adiposity, and insulin resistance.

Applications

Functional Studies

Storage

On arrival, aliquot and store Positive Control at -20°C Store the rest of the kit at 4°C, protect from Light. Warm Assay Buffer to room temperature before use. Briefly centrifuge small vials prior to opening. All kit components are supplied as ready to be used. Keep on ice while in use.

Kit Components

Components Identifier 100 testsPLTP Acceptor Molecule Blue 1 x 1mlPLTP Assay Buffer (10X) Clear 1 x 5mlPLTP Donor Molecule Violet 1 x 1mlPositive Control (Rabbit Serum) 1 x 30µl

Compatible Sample Types

Cell culture supernatant, Milk, Urine, Serum, Plasma, Other biological fluids, Tissue Extracts

Assay time

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

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