



Product Information

Roar MTP Activity Assay Kit, 250 assays

Catalog No. RB-MTP

U.S. Pat. Nos. 5,585,235; 5,618,683; 5,770,355

Assay Method	Fluorometric
Number of Assays	250 assays in 200 µl total assay volume
Kit Contents	Donor particle: 1 ml Acceptor particle: 1 ml Assay buffer: 5 ml 10X
Storage and Handling	Store kit components at 4°C. If stored properly, components are stable for up to 1 year. DO NOT FREEZE.
Instrumentation	Fluorescence spectrophotometer: cuvette or microplate reading formats. Excitation: 465 nm / Emission: 535 nm.

Introduction

Microsomal [triglyceride] transfer protein (MTP) is a membrane-bound protein present in the liver. The protein plays an important role in the assembly and secretion of very low density lipoprotein (VLDL).

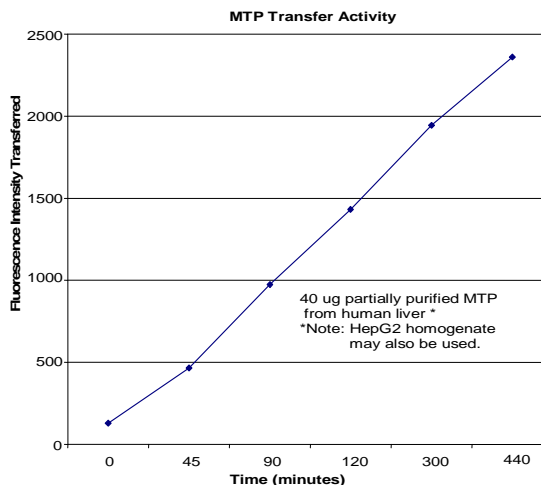
The **Roar MTP Activity Assay Kit** is a sensitive, homogeneous fluorometric assay useful for continuous measurement of MTP activity in cell lysates or tissue homogenates, or for screening MTP activity inhibitors in a high-throughput format.

The assay utilizes proprietary substrates that enable the detection of MTP-mediated transfer of neutral lipids. The transfer activity results in an increase in fluorescence intensity. DMSO tolerance is 10% (v/v) and the assay components are stable for up to one year.

Related Product

RB-HLV MTP, partially purified

Please contact us for more information or to request a complete protocol.



RB-MTP Cited References

Roar MTP Activity Assay Kit

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