CREATIVE BIOMART®
Assay Kit

Alanine Transaminase Assay Kit

Product Information

Cat

Kit-2486

Cat.No. Kit-2486

Product Overview

Alanine Transaminase (ALT), also known as serum alanine aminotransferase (ALAT) or pyruvic transaminase (SGPT), facilitates the conversion of alanine and a-ketoglutarate to pyruvate and glutamate. ALT plays an important role in gluconeogenesis and amino acid metabolism. ALT is found mainly in the liver, and, to a lesser extent, in kidney, heart, muscle, and pancreas tissues. Normal serum levels of ALT are low, and increased serum ALT activity is widely used as a marker for liver damage. Simple, direct and automation-ready procedures for measuring ALT activity find wide applications in research and drug discovery. ALT activity assay is based on the quantification of pyruvate produced by ALT. In this assay, pyruvate and NADH are converted to lactate and NAD by the enzyme lactate dehydrogenase (LDH). The decrease in NADH absorbance at 340 nm is proportional to ALT activity.

Storage

-20°C

Shipping

On Ice

Size

100 tests

Detection method OD340nm

Compatible Sample Types

Serum, plasma etc

Features & Benefits

Sensitive. Linear detection range: 2-100 U/L.

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

Alanine Transaminase Assay Kit

Simple and convenient. This simple, convenient assay can be carried out in a microplate or a cuvette and takes only 10 min.

Assay time
10 min
Sensitivity
2 U/L

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