CREATIVE BIOMART®
Assay Kit

Alanine Transaminase Assay Kit

Product Information

Cat.No. Kit-0082

Product Overview

Detection and Quantification of Alanine Transaminase Activity.

Description

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.

Applications

Functional Assay

Storage

Shipped and store at 4°C for 6 months.

Kit Components

Component-Volume-Storage 1. 96-Well Microplate;2. Extract: 30 ml x 1, 4°C; 3. Reagent I: 5 ml x 1, 4°C; 4. Reagent II: 7.5 ml x 1, 4°C; 5. Reagent III: 25 ml x 1, 4°C; 6. Technical Manual: 1 Manual

Detection method Colorimetric

Compatible Sample Types

Cell culture supernatant; Urine; Serum; Plasma; Other biological fluids; Tissue Extracts; Cell culture media

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