CREATIVE BIOMART®
Assay Kit

Aspartate Transaminase Assay Kit

Product Information

Cat.No. Kit-0110

Product Overview

Detection and Quantification of Aspartate Transaminase Activity.

Description

Aspartate Transaminase (AST), also known as serum glutamic oxaloacetic transaminase (GOT) or aspartate aminotransferase (ASAT/AAT), facilitates the conversion of aspartate and a-ketoglutarate to oxaloacetate and glutamate. There are two isoenzymes in humans: GOT1 is a cytosolic isoenzyme derived from red blood cells and heart; GOT2 is the mitochondrial isoenzyme found mainly in the liver. AST is elevated in liver and muscle diseases. It is part of diagnostic tests for liver function, myocardial infarction, acute pancreatitis, acute hemolytic anemia, severe burns, acute renal disease and trauma.

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

Serum; Other biological fluids

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