

Aspartate Transaminase Assay Kit

Cat. No. Kit-0110 **Lot. No.** (See product label)

SPECIFICATION

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 α -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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