Alanine Transaminase Assay Kit

Cat. No. Kit-0082 **Lot. No.** (See product label)

SPECIFICATION

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 α-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

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