ALT Assay Kit

Cat. No. Kit-0083 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ALT Assay Kit is designed for the measurement of ALT.
Description	Alanine aminotransferase (ALT), also called serum glutamate pyruvic transaminase (GPT), is a member of transferase family. It catalyzes the reversible transfer of an α-amino group between alanine and glutamate, and is an important enzyme in amino acid metabolism. ALT is found mainly in liver and small amount in heart, muscle, and kidneys. In healthy subjects, serum ALT levels are low. However, when cells are damaged, such as acute and chronic hepatitis, obstructive jaundice, carcinoma of liver, myocardial infarction, ALT may leak into the blood stream and the ALT levels are significantly elevated. Therefore, determination of serum ALT level has great clinical and diagnostic significance.
Usage	For research use only (RUO)
Storage	Keep in frozen and avoid light.
Kit Components	Component A: ALT Enzyme Mixture (lyophilized powder) 1 vialComponent B: ALT Assay Buffer 10 mlComponent C: NAD 1 vialComponent D: ALT Positive Control (10 U) 1 vial
Compatible Sample Types	Biological samples

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