

ALT Assay Kit

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 vial
Component B: ALT Assay Buffer 10 ml
Component C: NAD 1 vial
Component D: ALT Positive Control (10 U) 1 vial

Compatible Sample Types Biological samples

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