

Leucine Aminopeptidase (LAP) Assay Kit | LAP assay kit

Leucine Aminopeptidase (LAP) Activity Assay Kit

CATALOG #
AAA177801

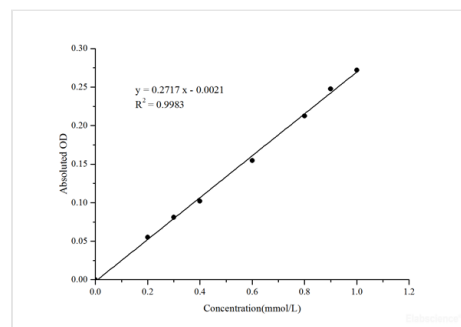
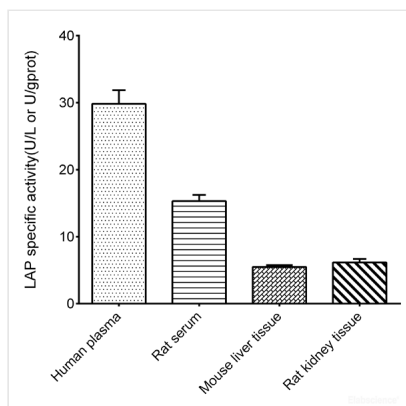
PRODUCT SYNONYMS

Leucine Aminopeptidase (LAP); Leucine Aminopeptidase (LAP) Activity Assay Kit; LAP assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, plasma and other liquid samples
Detection Range	5.2-201.8 U/L
Sensitivity	5.2 U/L
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

Application Data

ADDITIONAL INFORMATION

Related Product Information for LAP assay kit

Intended Uses: This kit can be used to measure leucine aminopeptidase (LAP) activity in animal tissue, serum, plasma and other liquid samples.

Principle of the Assay: LAP can catalyze the substrate L-leucine-4-nitroaniline to produce p-nitroaniline, which has the maximum absorption peak at the wavelength of 405 nm. The enzyme activity of LAP can be calculated by measuring the increasing OD value of the system.

Background/Introduction: Leucine aminopeptidase (LAP) is a kind of specific hydrolase ubiquitous in animal and plant tissues. It can hydrolyze not only leucine compounds, but also a variety of other amino-amides and polypeptides. When liver cancer, extrahepatic bile duct obstruction, intrahepatic cholestasis, or other intrahepatic space-occupying lesions, as well as liver parenchymal cell damage, LAP enzyme activity increases, and especially in the early stage of liver cancer, the enzyme activity increases sharply. Therefore, the detection of LAP enzyme activity is of certain clinical significance for the identification and treatment of hepatobiliary diseases.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

