

Product Datasheet

Leucine Aminopeptidase (LAP) Assay Kit (Fluorometric) NBP2-59745

Unit Size: 100 Assays

Store at -20C in the dark. Avoid freeze-thaw cycles.

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NBP2-59745**Leucine Aminopeptidase (LAP) Assay Kit (Fluorometric)**

Product Information	
Unit Size	100 Assays
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C in the dark. Avoid freeze-thaw cycles.
Product Description	
Description	<p>This kit provides a quick, sensitive and easy way for measuring total LAP activity in various samples. In this assay, LAPs hydrolyze leucine from the fluorescent probe and the amount of fluorescent probe detected is used to determine the total activity of the LAP enzymes. Detection method: Fluorescence (Ex/Em = 368/460 nm). The assay is simple to perform, high-throughput adaptable and can detect less than 0.1 mU of LAP activity.</p> <p>This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: K534-100)</p>
Species	Mammal
Kit Components	LAP Assay Buffer, LAP Substrate, AMC-Standard (1mM), LAP Positive Control
Suitable Sample Type	Tissues and cell culture



Images

Leucine Aminopeptidase (LAP) Activity Fluorometric Assay Kit [NBP2-59745]

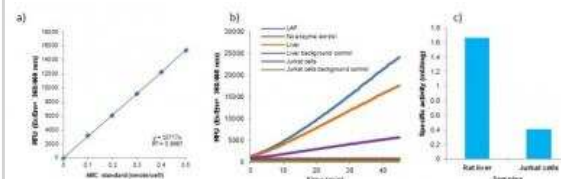


Figure: (a) ABC standard curve. (b) Reaction kinetics of leucine aminopeptidase activity in rat liver (6.6 μ g protein) and Jurkat cells (8 μ g protein) using appropriate background controls. (c) Leucine aminopeptidase specific activity was calculated in rat liver and Jurkat cell lysates. Assays were performed following the kit protocol.

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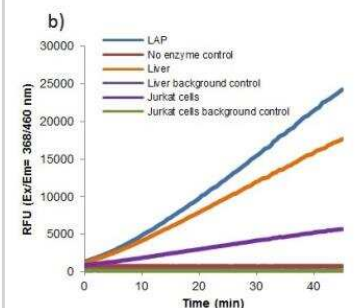


Figure: (b) Reaction kinetics of leucine aminopeptidase activity in rat liver (6.6 μ g protein) and Jurkat cells (8 μ g protein) using appropriate background controls

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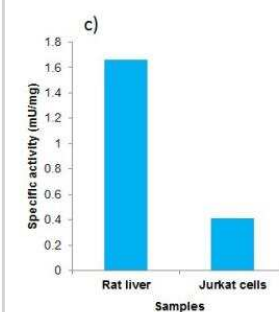


Figure: (c) Leucine aminopeptidase specific activity was calculated in rat liver and Jurkat cell lysates. Assays were performed following the kit protocol.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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