CREATIVE BIOMART®
Assay Kit

Phosphoric acid transacetylase (PTA) activity assay kit

Product Information

Product Overview

Phosphoric acid transacetylase (PTA) is one of the key enzymes related to acetic acid metabolism. (PTA) catalyzes the reaction of coenzyme A and acetyl phosphate to generate acetyl coenzyme A and inorganic phosphorus. The increase in inorganic phosphorus is measured by the ammonium molybdate phosphorus determination method to determine the activity of PTA enzyme.

Size

24 Samples

Storage

-20□

Shipping

Ice pack

Kit Components

Extraction Liquid: Liquid, 30mL × 1 bottle, store at 4°C.
Reagent One: Liquid, 20mL × 1 bottle, store at 4°C.
Reagent Two: Powder, mg × 1 vial, store at 4°C. Before use, shake to bring the reagent to the bottom, then add 1.1mL of distilled water and mix well to dissolve and reserve.
Reagent Three: Powder, mg × 1 vial, store at -20°C. Before use, shake to bring the reagent to the bottom, then add 0.55mL of distilled water and mix well to dissolve and reserve.
Reagent Four: Liquid, 4mL × 1 bottle, store at 4°C.
Reagent Five: Consists of A and B parts A: Powder, mg × 1 bottle B: Liquid, 3mL × 1 bottle Store at 4°C. Before use, add 2.9mL of B liquid, then add 37.1mL of distilled water, mix well to dissolve and reserve.
Standard: Powder, mg × 1 vial, store at 4°C. This reagent is used if recalibration of the standard curve is necessary.

Materials Required but Not Supplied

Visible spectrophotometer, 1mL glass cuvettes (optical path 1cm), benchtop centrifuge, adjustable

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pipette, mortar, ice, and distilled water.

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