CREATIVE BIOMART®
Assay Kit

Asparaginase Activity Assay Kit II

Product Information

similar

Asparaginase Activity Assay Kit

Product Overview

Asparaginase is a key enzyme in the metabolism of asparagine. Its principal use is as treatment for acute lymphoblastic leukemia and lymphoblastic lymphoma where the asparagine is an essential amino acid. Asparaginase Activity Assay Kit II provides a convenient fluorimetric method to measure asparaginase activity in biological samples. In this assay, o-phthalaldehyde reacts with liberated ammonia where the increase in fluorescence at λex/em = 415/475 nm is directly proportional to enzyme activity.

Size

100 tests

Storage

Store all components at -20°C upon receipt. Shelf life: 6 months after receipt.

Shipping

Ice pack

Kit Components

Assay Buffer: 5 mL
20 mM Standard: 50 µL
20 mM Substrate: 300 µL
Detection Reagent: 5 mL

Materials Required but Not Supplied

Pipetting devices and accessories, black, flat-bottom 96-well plates, centrifuge tubes and a plate reader.

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