

Asparaginase Activity Assay Kit II

Cat. No. Kit-0108 **Lot. No.** (See product label)

SPECIFICATION

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 $\lambda_{ex}/\lambda_{em} = 415/475$ 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 μ L 20 mM Substrate: 300 μ L 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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