CREATIVE BIOMART®
Assay Kit

Ammonia Assay Kit II

Product Information

ShortName

Ammonia Assay Kit II

Size

100 tests

Product Overview

AMMONIA (NH3) or its ion form ammonium (NH4+) is an important source of nitrogen for living systems and is ubiquitously present in the nature. Simple, direct and automation-ready procedures for measuring NH3 are very desirable. The updated ammonia/ammonium assay is based on an improved o-phthalaldehyde method. This reagent reacts with ammonia/ ammonium and forms a fluorescent product. The fluorescence intensity (λex/em = 415/475nm) is proportional to the ammonia concentration in the sample.

Applications

For quantitative determination of ammonia and ammonium in biological samples.

Storage

Store kit at -20°C. Shelf life of 6 months after receipt.

Shipping

On ice

Kit Components

Detection Reagent: 10 mL
Standard: 100 µL NH4Cl

Materials Required but Not Supplied

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

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