CREATIVE BIOMART®
Assay Kit

# Ammonia Assay Kit

## Product Information

**Cat**

Kit-2502

**Cat.No.** Kit-2502

**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. 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 = 360/450nm) is proportional to the ammonia concentration in the sample.

**Storage**

-20°C

**Shipping**

RT

**Size**

200 tests

**Detection method** FL360/450nm

**Compatible Sample Types**

Biological (eg urine) and environ-mental samples

**Features & Benefits**

Fast and sensitive. Linear detection range of 0.012 - 1 mM ammonia.
Convenient and high-throughput. Homogeneous "mix-incubate-measure" type assay. Can be readily automated on HTS liquid handling systems for processing thousands of samples per day.

**Assay time**

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| |
|---|
| 15 min |
| **Sensitivity** |
| 12 μM |

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