

Ammonia Assay Kit

Cat. No. Kit-2502 **Lot. No.** (See product label)

SPECIFICATION

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 ($\lambda_{ex}/\lambda_{em}$ = 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	15 min

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sensitivity12 μ M Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA