

Uric Acid Colorimetric/Fluorometric Assay Kit

Cat. No. Kit-1066 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description

Uric acid in serum is the end product of purine metabolism, and is cleared through the kidney by glomerular filtration. However, human often lacks the necessary enzyme called urate oxidase (Uricase), and therefore abnormal uric acid may be accumulated in blood. Recent evidences show the close association between serum urate level and cardiovascular morbidity and mortality, especially among persons at high cardiovascular risk, including those with hypertension, diabetes and congestion heart failure. Uric Acid Assay Kit provides a convenient means for detecting uric acid in biological samples such as serum and urine. Pretreatment of samples are not required. Uric acid level can be measured using fluorometric (at Ex/Em = 535/587 nm) or colorimetric (at λ = 570 nm) methods.

Storage -20°C

Shipping Gel Pack

Size 100 assays

Kit Components

Uric Acid Assay Buffer; Uric Acid Probe (in DMSO, anhydrous); Uric Acid Enzyme Mix; Uric Acid Standard (2 nmol/ μ l)

Target Species Mammalian

Detection method Absorbance (570 nm) or Fluorescence (Ex/Em 535/587 nm)

 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



Features & Benefits

Simple procedure; takes ~40 minutes;

Fast and convenient;

Kit contains the necessary reagents for accurate measurement of Uric acid in biological samples

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