CREATIVE BIOMART®
Assay Kit

Uric Acid Colorimetric/Fluorometric Assay Kit

Product Information

Cat	
Kit-1066	
Cat.No.	Kit-1066
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. Pretrea;ent 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/μl)	
Target Species	
Mammalian	
Detection method	Absorbance (570 nm) or Fluorescence (Ex/Em 535/587 nm)

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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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