



## Sarcosine Assay Kit

### Product Information

#### Cat.No.

Kit-0776

#### Product Overview

The kit can detect Sarcosine in the detection range of 1-10000  $\mu$ M. (100 assays) Simple procedure; takes ~ 1 hour Fast and convenient Kit contains all necessary reagents for accurate measurement of Sarcosine

#### Size

100 assays

#### Description

Sarcosine, a natural amino acid, plays important roles as intermediate in the metabolism of choline, methionine, glycine, glutathione, creatine, purine and serine, etc. Detection of sarcosine level has wide applications in research and development. Sarcosine Assay Kit provides an accurate, convenient measure of sarcosine in variety biological samples. In the assay, sarcosine is specifically oxidized to generate a product that converts a colorless probe to a product with intense red color ( $\lambda_{max}$  = 570 nm) and which is also highly fluorescent (Ex/Em = 538/587 nm). Sarcosine is therefore easily detected by either colorimetric or fluorometric methods with detection range 1-10000  $\mu$ M.

#### Target Species

Mammalian

#### Usage

This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.

#### Kit Components

Sarcosine Assay Buffer  
Sarcosine Probe (in DMSO, anhydrous)  
Sarcosine Enzyme mix  
Sarcosine Standard (10  $\mu$ mol)

**Detection method** Colorimetric Fluorescence Plate Reader



CREATIVE **BIOMART**<sup>®</sup>  
Assay Kit

## Sarcosine Assay Kit

### Compatible Sample Types

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Cell Culture Supernatants Plasma Serum Urine

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