

Sarcosine Assay Kit

Cat. No. Kit-0776 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The kit can detect Sarcosine in the detection range of 1-10000 μ M. (100 assays) Simple procedure; takes ~ 1 hourFast and convenientKit 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 (λ_{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 μ M.
Target Species	Mammalian
Usage	This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.
Kit Components	Sarcosine Assay BufferSarcosine Probe (in DMSO, anhydrous)Sarcosine Enzyme mixSarcosine Standard (10 μ mol)
Detection method	ColorimetricFluorescence Plate Reader

 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

**Compatible Sample
Types**

Cell Culture Supernatants Plasma Serum Urine

 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