



Biomatik
Tel: (519) 489-7195, (800) 836-8089
Fax: (519) 231-0140, (877) 221-3515
Email: info@biomatik.com
<http://www.biomatik.com>

Product Information

Version 1.2.12

A4161- Mitomycin C

Grade: Molecular Biology

Description

Mitomycin C is soluble at 0.5 mg/mL in water as clear blue solution, with a pH of 6.0-7.5. It undergoes rapid degradation if pH is 6 or less, and is mostly likely to retain activity in solutions with a pH between 6-9. A concentration between 10-50 micrograms/mL is typically used.

Mitomycin C solution is light sensitive, while Mitomycin C powder is not. Mitomycin C solution should not be stored frozen. It can be stored at 2-8°C, and should be used within 2 weeks.

A4161, Mitomycin C, has not been cell culture tested. Generally, treatment of the feeder layer with media containing 100 ug/mL mitomycin at 37°C for 30 minutes blocked replication of ES cells. 10-50 ug/mL is typically used for eukaryote cell culture.

** It is designed for laboratory research purpose only. Not for human or animal diagnostic and therapeutic use.*