

★ Storage

Store at -20°C.

Working aliquots remain active for 30 days at 2 - 8°C.

Contents

- Product Manual
- Sodium Selenite Solution, 100mg/ml

ALL PRODUCTS SOLD BY GenDEPOT ARE INTENDED FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSE

★ Shipping Condition

Ship with dry ice.

★ Introduction

Sodium selenite is commonly used as a source of selenium in biological research, where selenium is an essential trace element that is normally provided by serum. Selenium is present in selenoproteins such as glutathione peroxidase and thioredoxin reductase, which contain the selenium analog of cysteine, seleno-cysteine. In particular, glutathione peroxidase has a role in detoxification in vivo as a scavenger of peroxides. Sodium selenite has been utilized in studies of cell proliferation and cancer research. It has been used to alter gene expression in HepG2 cells as analyzed by cDNA microarrays. Sodium selenite can inhibit zinc finger protein/DNA interactions. Sodium selenite has been shown to alter mitochondrial membrane potentials and thus potentially contribute to apoptosis.

★ Related Products

Product Name	Cat No
Albumin	A0100
Ceracryo Cell Freezing Media, Xeno Free	C0667
Cellmaxin, 10mg/ml	C3314
Cellmaxin Plus, 10.5mg/ml	C3319
Dulbecco's Phosphate-Buffered Saline(dPBS)	CA008
Scrptase, Non-animal Original Dissociation Reagent (1X)	CA110
Ceracol Collagen Type I Solution, 1mg/ml	CA081
Fibronectin, Bovine, Stabilized Solution, 1mg/ml	CA082
Fibronectin, Human, Stabilized Solution, 1mg/ml	CA083
Insulin-Transferrin-Selenium Solution I (1,000X), Animal Free	CA200
Fetal Bovine Serum, Premium, US Origin	F0600
FBS, Mouse Embryonic Stem Cell and iPSC Optimized	F0650
FBS Opti-Gold	F0900
FBS OptiGold, Premium, Heat Inactivated	F0910
LIF, Mouse Recombinant, 10 MIU/ml	L4501
WATER, 0.1um Final Filtered, cell culture tested	W0900