

TOKU-E Protocol: De-Plasma™ II

(For primary cell lines and prophylactic use)



PRODUCT INFORMATION

Product name	De-Plasma™ II
Item #	D030
Format	10 mg/vial
Storage temp.	4°C
Shelf life	1 year

General Application

De-Plasma™ II is designed to eliminate *Mycoplasma* contamination from cultured cell lines. It can also be used prophylactically to protect cultured cells from future *Mycoplasma* contamination.

Description

De-Plasma II is a cell culture treatment that consists of a proprietary mixture of five unique antimicrobial compounds with three separate anti-*Mycoplasma* targets. De-Plasma II is a potent and safe anti-*Mycoplasma* reagent which can be used to eliminate *Mycoplasma* contamination or can be used prophylactically to prevent contamination. De-Plasma II is non-toxic to most cell lines with an ED50 10x larger than the treatment concentration.

Method

De-Plasma II can be added directly to the bottle of culture medium or to the flask containing the cells. It is recommended that a stock solution of 10 mg/ml be made of De-Plasma II. Sonicate De-Plasma II solutions for 2-5 minutes to ensure complete dissolution.

Working conc of De-Plasma II: 20 µg/ml

Decontamination period: 4 passages (~2-3 weeks depending on cell growth)

Conc. for maintenance of Mycoplasma-free culture: 10 mg/L (1 ml per liter of media)