

# DePlasma II™

For Primary Cell Lines and Prophylactic Use

## PRODUCT INFORMATION

Product name	<b>DePlasma II™</b>
Product number	D030
Package quantity	<b>DePlasma II™</b> : 10 mg, 5x10 mg
Appearance	Light yellowish green or light green powder
Storage temperature (Keep container tightly sealed)	Powder: 4°C Solution: 4°C
Shelf life	Powder: up to 1 year Solution: up to 3 months

## GENERAL APPLICATION

**DePlasma II™** is designed to eliminate *Mycoplasma* contamination from cultured cell lines. It can also be used prophylactically to protect cells from potential *Mycoplasma* contamination.

## DESCRIPTION

**DePlasma II™** a cell culture treatment that consists of a proprietary mixture of five unique antimicrobial compounds with three separate anti-*Mycoplasma* targets. **DePlasma II™** 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. **DePlasma II™** II is non-toxic to most cell lines with an ED50 ten times larger than the treatment concentration.

## METHOD

**DePlasma II™** can be added directly to a 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 **DePlasma II™**. Sonicate **DePlasma II™** solutions for 2-5 minutes to ensure complete dissolution.

**Working concentration of DePlasma II™**: 20 µg/ml.

**Decontamination period**: 4 passages (approximately 2-3 weeks depending on cell growth).

**Concentration for maintenance of Mycoplasma free culture**: 10 mg/L (1 mL per liter of media)