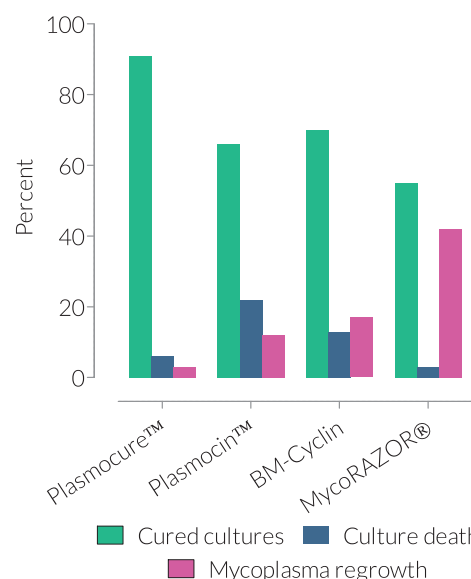


Plasmocure™

Alternative mycoplasma removal agent

- **Effective:** Kills Plasmocin™-resistant mycoplasma strains
- **Fast:** Rescues cell cultures in 2 weeks
- **Safe:** Little toxicity on mammalian cells
- **Reliable:** Extremely low mycoplasma regrowth rate

Plasmocure™ is a second-line anti-mycoplasma reagent that potently eradicates Plasmocin™-resistant mycoplasma. It combines two antibiotics that act through different mechanisms than those found in Plasmocin™. The first antibiotic binds to the 50S subunit of the ribosome and blocks peptidyltransferase activity. The second antibiotic binds to isoleucyl-tRNA synthetase and halts incorporation of isoleucine into mycoplasma proteins. These specific targets are absent in eukaryotic cells ensuring low cytotoxicity. A two-week treatment with Plasmocure™ is usually sufficient to completely eliminate mycoplasma. If mycoplasma elimination is not completed after 2 weeks, Plasmocure™ can be administered for an additional week. A moderate slowdown of cell growth may be observed, but full recovery of the cell line is expected once mycoplasma are eliminated.



Adapted from Molla Kazemiha V. et al., Cell J. (2019)⁷

How do Plasmocin™ and Plasmocure™ compare to other reagents?					
Product	Treatment	Ease of use	Efficacy	Cytotoxicity	Resistance
BM-Cyclin	3 weeks	-	+++	+	+/-
Ciprobay	12 to 20 days	+	++	+/-	+
MRA	1 to 2 weeks	+	++	+/-	+
Plasmocin™	2 weeks	+	+++	+/-	-
Plasmocure™	2 weeks	+	++++	+/-	--



www.invivogen.com/plasmocure

They recommend
Plasmocin™ and Plasmocure™
on
ResearchGate

“ I recommend Plasmocin™ from InvivoGen. The efficiency is really good.
— Kaimei, 2019.

I have used Plasmocin™ in the past with different cell lines. I had great results!
— Carlos, 2013.

The Plasmocin™ works well but in case of resistance I use Plasmocure™ which works very well on resistant mycoplasma.
— Gilles, 2013.

”

PRODUCT	DESCRIPTION	QUANTITY	CAT. CODE
Plasmocin™ prophylactic	Reagent for preventing mycoplasma contamination	25 mg (10 x 1ml)	ant-mpp
Plasmocin™ treatment	Mycoplasma elimination reagent	25 mg (1 x 1ml)	ant-mpt-1
		50 mg (2 x 1ml)	ant-mpt
Plasmocure™	Mycoplasma elimination reagent	100 mg (1ml)	ant-pc