

MP BIOMEDICALS' PRODUCT FOR MYCOPLASMA DETECTION AND REMOVAL

One of the major issues in dealing with mammalian cell culture is infection due to mycoplasma. The presence of mycoplasma can alter many cellular processes and cause malfunctioning of cells in proliferation, protein synthesis, DNA transfection, etc. MP Bio offers a complete solution for mycoplasma contamination in cell culture, from prevention, rapid detection and sensitive detection to effective removal (fast and low cytotoxicity).

MP Bio's Mycoplasma Detection Kits

- ▶ Fast detection speed
- ▶ Wide detection range of mycoplasma species
- ▶ Premixed components for ease-of-use
- ▶ High sensitivity

	Myco-Visible Mycoplasma LAMP Detection Kit	Myco-Sniff Mycoplasma PCR Detection Kit	Myco-Sniff-Valid Mycoplasma PCR Detection Kit	Myco-Sniff-Rapid Mycoplasma Luciferase Detection Kit
Method	LAMP	PCR	PCR	Luciferase Assay
Time	45 mins	3 hours	3 hours	20 mins
Sensitivity	Very High	Very High	Very High	High
Specificity	Very High	Very High	Very High	High

Table 1. Comparison of various mycoplasma detection methods

Once mycoplasma is detected in the cell culture medium, it is essential to eliminate it without losing any cells or causing further contamination. Mycoplasma Removal Agent (MRA) is a reliable solution for mycoplasma removal and prevention.



- ▶ Eliminate mycoplasma species within one week
- ▶ Treat mycoplasma effectively at 0.5 µg/mL, the lowest dosage in the market
- ▶ Prevent recontamination of the culture at 0.1 µg/mL
- ▶ Compatible with most mammalian cell lines
- ▶ Citation and recognition in 550+ scientific publications

Product	Size	Cat No.
Myco-Visible Mycoplasma LAMP Detection Kit	40 Tests	093050601
Myco-Sniff™ Mycoplasma PCR Detection Kit	48 Tests	093050201
Myco-Sniff-Valid™ Mycoplasma PCR Detection Kit	48 Tests	093050301
Myco-Sniff-Rapid™ Mycoplasma Luciferase Detection Kit	25 Tests	093050401
	50 Tests	093050402
Mycoplasma Removal Agent	5 mL	093050044



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