



# MycoAway™ Mycoplasma Elimination Cocktail (1000X)

## Cat. No. G398

Store at -20°C for long term storage. 4°C for short term use.

## Product Description

abm's MycoAway™ Mycoplasma Elimination Cocktail (1000X) is a specially formulated agent to effectively clear cells from *Mycoplasma* contamination in both adherent and suspension cells. *Mycoplasma* contamination is currently the most prevalent contamination in all cell culture facilities around the world.

Cat. No.	Product	Quantity
G398	MycoAway™ Mycoplasma Elimination Cocktail (1000X)	1.0 ml

## Protocol

1. Wash cells thoroughly before treatment to remove contaminated media. For adherent cells, wash with serum free medium in flasks or plates. For suspension cells, conduct a few centrifuge-wash cycles.
2. It is recommended to treat cells in a T75 flask with vent cap for easy manipulation.
3. Plate cells at 30-40% density (fast growing cells at 30% and 40% for slow growing cells), then add medium with elimination agent at 1:1000 dilution (i.e. 1 µl G398 in 1 ml culture medium).
4. As *Mycoplasma* doubling time is 2-3 hours, it is best to wash cells daily and add new medium with G398 during the first 3 days of treatment.
5. For cells sensitive to the treatment, the elimination agent can be used at 1:2000 dilution, and under this situation, daily washing is highly recommended for effective decontamination for a total of 5 days.
6. For cells less sensitive to the treatment, 1:500 dilution can be used for faster results.
7. Normally the treatment will take 2-3 weeks to decontaminate cells, but severe contamination may take longer. Confirm elimination of *Mycoplasma* using a quick and easy Mycoplasma Pro PCR Detection Kit (Cat. No. **G239**).
8. Cells can only be confirmed to be *Mycoplasma*-free after two sets of negative results from two independent assays, conducted 5 days apart.

## General Notes

- Recommend making the fresh dilutions and use within 5 days. Do not leave the diluted reagent longer than 5 days as it may lead to loss of potency.