



# Mycoplasma Growth Supplement, 10x solution

20-2207™

## Description

Mycoplasma Growth Supplement is used in broth and agar media to isolate and grow various mycoplasma species. At ATCC the 10x solution is an ingredient in ATCC Medium 988 (Spiroplasma SP-4 Medium).

**Volume:** 100 mL

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## Storage Conditions

**Storage conditions:** 2°C to 8°C

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## Biosafety Information

ATCC determined that a biosafety level is not applicable to this material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to complete your own risk assessment and understand any potential hazards associated with the material per your organization's policies and procedures and any other applicable regulations as enforced by your local or national

agencies.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Handling Procedures

1. Add Mycoplasma Growth Supplement to Spiroplasma Medium SP-4 according to the following formulation:

### **Basal Medium:**

PPLO Broth w/o Crystal Violet (BD 255420) 11.0 g  
Tryptone (BD 211705) 10.0 g  
Noble Agar (for solid medium) 8.0 g  
DI Water 525.0 mL

2. Adjust pH to 7.4 to 7.5. Gently boil to dissolve agar, if necessary. Autoclave for 15 minutes at 121°C. Cool agar medium to 50 to 55°C, broth to 55°C or cooler. Aseptically add additional ingredients (below).

### **Additional Ingredients (all sterile):**

Mycoplasma Growth Supplement 10x 50.0 mL  
Dextrose Solution 5% 100.0 mL  
Yeast Extract Solution 25% 35.0 mL  
TC Yeastolate Solution 2% (BD 255772) 100.0 mL  
Phenol Red Solution 0.1% 20.0 mL  
Fetal Bovine Serum (heat-inactivated) 170.0 mL

3. Aseptically add these ingredients to the basal medium, mixing well by swirling.  
Adjust final pH to 7.25 to 7.4. Dispense as required.
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### Quality Control Specifications

**Bacterial and fungal testing:** Not detected

**Mycoplasma contamination:** Not detected

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Mycoplasma Growth Supplement, 10x solution (ATCC 20-2207)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Revision

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