Addition of Antibiotic Supplement to Media

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In Development

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DISCLAIMER

ABSTRACT

The following protocol is for the addition of antibiotic stock solution to molten media.

PROTOCOL CITATION

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MATERIALS TEXT

Equipment

- thermometer; laser infrared (preferred) or stem
- adjustable pipette
- pipette tips

Consumables

- antibiotic stock solution

DISCLAIMER:

1 Retrieve molten media from autoclave using heat resistant gloves. Place media in laminar flow hood if one is available. If laminar flow hood is not available, place media next to open flame on lab bench.

To further protect from burn injuries, keep heat resistance gloves on and use box or bin to transport hot media if you plan to move media more than a few feet from autoclave.

1 Wait for media to cool to **50 °C** . Measure temperature using laser infrared thermometer or a stem thermometer. If using stem thermometer, sterile using 70% ethanol and allow to dry right before use.

2 When media reaches **50 °C** , use an adjustable pipette to add appropriate volume of antibiotic stock solution to molten media.

3 Gently swill media in bottle to mix antibiotic.

If media is being used to pour plates, pour plates immediately after last step.