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Preparation of 1000X Antibiotic Stock Solution

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Protocol status: Working

We use this protocol and it's working

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Materials

MATERIALS


 Water refers to sterilized deionized water

 Chloramphenicol **Bio Basic Inc. Catalog #CB0118.SIZE.50g**

 100% Ethanol

 Kanamycin **Research Products International Corp (RPI) Catalog #K22000-25.0**

 Ampicillin **Research Products International Corp (RPI) Catalog #A40040-25.0**

 Durapore®; PVDF Membrane Filters: 0.22µ; Pore Size, 0.22 µ; Pore Size; Plain; White; Dia.: 25mm **Thermo Fisher Catalog #GVWP02500**

Troubleshooting



- 1 Weigh x grams of antibiotic-of-interest.
- 2 Dilute in pure 100% ethanol for chloramphenicol or sterile deionized water for kanamycin and ampicillin.
- 3 Syringe filter water-based antibiotic solution using a 0.22- μ m filter