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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-µm filter