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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**

**Created:** September 25, 2019

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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<sup>®</sup> PVDF Membrane Filters: 0.22 $\mu$ m Pore Size, 0.22  $\mu$ m Pore Size; Plain; White; Dia.: 25mm **Thermo Fisher Catalog #GVWP02500**



- 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- $\mu$ m filter