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Last Edited: 09/13/2019

Protocol: Ampicillin (Amp) Stock (100 mg/mL) Recipe

Application:

Making 100 mg/mL Amp stock solutions for use in Luria-Bertani (LB) liquid media or LB agar plates.

Procedure:

1. Mix 2 g Amp powder into 20 mL of MilliQ H₂O.
2. Vortex until powder is thoroughly dissolved.
3. Sterilize using 50 mL syringe with syringe filter into 50 mL conical tube.
4. Aliquot 1 mL of Amp solution per 1.5 mL tube and store at -20 °C.

Note: Filtering and aliquoting are performed sterile using tissue culture hood.