

Broncho Alveolar Lavage (BAL) Processing

A. Reagents Needed

RNA Later Solution
PBS Sterile solution 1X

B. Objective: to separate and store fluid and pellet from BAL.

C. Description

1. Use 40 μ m cell strainer to remove debris.
2. Centrifuge BAL sample at 1500RPM for 5 minutes at room temperature (RT).
3. Harvest supernatant (fluid) into a separate 15ml falcon tube.
4. Reserve pellet.

BAL Fluid

5. Aliquot supernatant into 5 labeled cryovials (up to 1.5ml/vial) and store at -80°C.

BAL Pellet

6. Re-suspend the pellet in the first tube in 10ml PBS at RT.
7. Centrifuge at 1500 rpm for 5 minutes at RT.
8. Re-suspend pellet in 600 μ l in RNA Later solution and store in 2 eppendorf tubes.