

## Urine Processing

### A. Reagents Needed

PBS 1X sterile  
RNA Later  
RNaseZap

**B. Objective:** to separate and store urine and urine pellet.

### C. Description

1. Distribute urine into 15-50ml or conical "football" tube (label with subject name).
2. Spin urine at 3000RPM for 30 minutes at 4° C.
3. Aliquot supernatant (without pellet) into 5 (max) round-bottom cryovials- labeled with barcode (1.5ml per vial).
4. Store aliquots at -80° C.
5. Discard the remaining supernatant and wash the urine pellet with 10ml sterile PBS.
6. Spin pellet at 3000RPM for 15 minutes at 4° C.
7. While the pellet is spinning, clean hood bench and surrounding areas (includes pipetter, pipetman) with RNaseZap to remove Rnase.
8. Label 2 RNase free orange-top cryotubes with barcode.
9. Re-suspend urine pellet in 600µl of RNA later.
10. Aliquot re-suspended urine pellet into the 2 labeled tubes (300µl/tube).
11. Store at -80° C.