

Protocol Name: Protein CPT v1

Notes:

- Total RNA Isolation and DNA Isolation must be performed prior to Protein Isolation

Protein Isolation:

1. Add 750ul isopropanol into each of the 2 tubes, invert 20 times.
2. Incubate at room temperature for 10 minutes.
3. Spin at 12,000g, 4°C, for 7 minutes.
4. Remove supernatant, wash with 750ul 0.3M guanidine HCL in 95% ETOH, vortex lightly.
5. Incubate at room temperature for 20 minutes.
6. Spin at 7,500g, 4°C, for 5 minutes.
7. Wash a total of 3 times.
8. After the last wash, add 1ml 100% ETOH to the pellet, vortex lightly.
9. Incubate at room temperature for 20 minutes.
10. Spin at 7,500g, 4°C, for 5 minutes.
11. Remove supernatant.
12. Store protein pellet at -20°C.