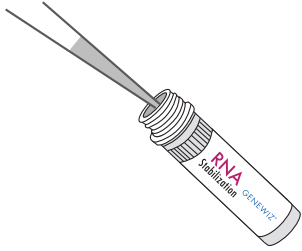


User Guide: Preparing Stabilized RNA Samples for Shipment

Add RNA to Tubes



Total: 5-10 min

1. Prepare 2-20 μg of purified total RNA in a volume of 20-50 μL .
 - See our Sample Submission Guidelines at genewiz.com for more details.
 - A minimum of 20 μL is necessary for sufficient mixing of RNA and the stabilization matrix.
 - Work in a nuclease-free environment to protect RNA prior to stabilization.
2. Label tubes clearly with names as they appear on the Sample Form.
3. Add purified RNA to the bottom of the RNA Stabilization tube. The stabilization matrix is supplied as a coating at the bottom of the tube.
4. Incubate for 5 min at room temperature.
5. Mix by pipetting slowly up and down 10 times.

Dry RNA



Hands-on: 5 min
Total: 2-24 hours

6. Remove the caps and dry with one of the following methods.
 - Air dry in a biosafety hood for 18-24 hours*.
 - SpeedVac for 2-4 hours* at room temperature.
 - Vacuum desiccate for 3-4 hours* at room temperature.

**Actual drying times may vary by total volume and RNA concentration.*
7. Confirm tubes are completely dry by visual inspection.
8. Cap the tubes and store at room temperature while preparing shipment.

Pack Samples



Total: 5-10 min

9. Arrange the tubes in a box or rack in the order listed on the Sample Form.
10. Place in a shipping box or envelope and add padding as necessary. Do not use dry or wet ice.
11. Ship samples at ambient temperature or deposit them in a GENEWIZ drop box, where available. Expedited/overnight shipping is not required.

Questions? Contact us at ngs@genewiz.com or +1-877-436-3949 ext. 1