**SHIP RNA at room temperature**

**No need for dry ice.**

**The Technology**
- RNAstable is a novel preservation product.
- Protects total RNA from degradation.
- RNA can be shipped or stored at ambient temperatures.

**Easy to use**
- Simply add your RNA to RNAstable. Dry your sample via speedvac or laminar flowhood.

RNA was shipped and stored over a 5 month period without refrigeration. Results show complete preservation of the RNA without degradation.

A [RIN 9.7]

-80°C Control

B [RIN 9.5]

Shipped & Stored

C [RIN 3.6]

Unprotected

Total RNA (500 ng) was stored in RNAstable 96 well format catalog # 90221-001. RNAstable samples were shipped round-trip via USPS ground shipment from San Diego, California to Parsippany, New Jersey. A humidity indicator was included in the packaging to monitor temperature fluctuations encountered during shipment. Temperatures fluctuated from 16 to 29°C with an average of 22°C. Samples were returned and processed 5 months later.

Panel A, B, and C represent the RIN scores for the -80°C control RNA sample, RNA stored and shipped in RNAstable, and the unprotected sample respectively.
**Organizations recommending RNAstable for shipping:**

1. **Phalanx Biotech**  
   http://www.phalanxbiotech.com/Products/rnastable.html

2. **DNA Array Core Facility/CFG at The Scripps Research Institute**  
   http://www.functionalglycomics.org/static/consortium/resources/resourcecoree2.shtml

3. **Empire Genomics**  

4. **Arraystar**  

5. **Microarray Facility at The Hospital For Sick Kids**  
   http://www.tcag.ca/Microarray/09_10_RNAAnalysisRequestForm.pdf

**Scientific Validation:**

“Based on our results we have found that room temperature storage of RNA in RNAstable in <4 weeks is suitable for samples destined for microarray analysis, and provides an alternative to conventional cold storage and transport procedures currently used.”


**Publications:**


**RNAstable is available in the following formats:**

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>CATALOG NO.</th>
<th>CONTAINS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RNAstable Trial Kit</td>
<td>93220-001</td>
<td>(3) Tubes RNAstable, (1) Tube Sterile Water, (1) resealable sample pouch</td>
</tr>
<tr>
<td>RNAstable Tube Kit</td>
<td>93221-001</td>
<td>(25) Tubes RNAstable, (1) Tube Sterile Water, (2) resealable sample pouches</td>
</tr>
<tr>
<td>RNAstable 96-well Plate</td>
<td>90220-001</td>
<td>(1) 96-well Plate, (2) Tubes Sterile Water, (1) resealable sample pouch</td>
</tr>
<tr>
<td>RNAstable 96-well Plates</td>
<td>90222-001</td>
<td>(10) 96-well Plate, (20) Tubes Sterile Water, (10) resealable sample pouches</td>
</tr>
<tr>
<td>Sample Storage Pouches</td>
<td>14001-007</td>
<td>Set of (10) moisture barrier foil bags and desiccants</td>
</tr>
</tbody>
</table>

For ordering information, please call 866-379-6879 or visit www.biomatrica.com.