

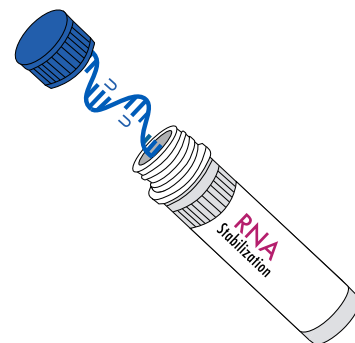
# RNA Stabilization Tubes



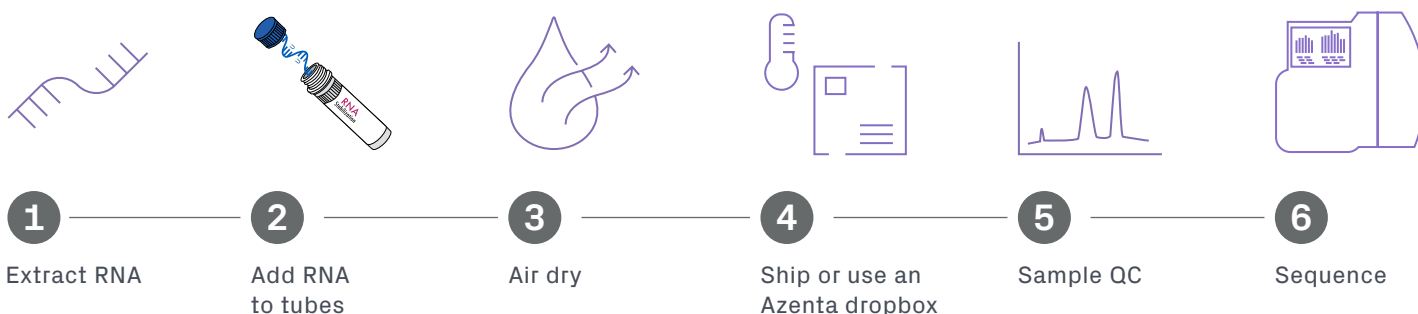
## Store RNA safely at ambient temperature for months or even years.

Azenta Life Sciences RNA Stabilization Tubes eliminate the need for cryogenic infrastructure and costly transportation of RNA on dry ice. A proprietary formulation preserves RNA at ambient temperature for months or even years under optimal conditions to simplify your sample storage, shipping, and handling while reducing your overall shipping costs by up to 80%.

RNA is protected against degradation immediately upon addition to the tubes, and the brief drying process helps prevent damage from RNA hydrolysis and oxidation. Upon arrival at Azenta, samples are resuspended, analyzed for quality, and then sequenced.



## Fast, Simplified Workflows



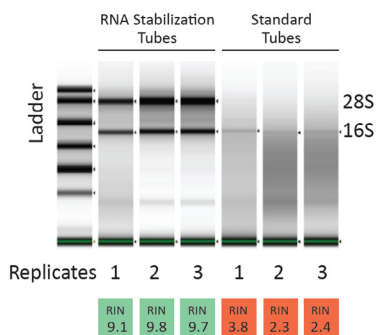
## RNA Submission Made Easy

- **Lower or eliminate your shipping bill**  
Ship without the added cost of dry ice, or use an Azenta dropbox free of charge.
- **Eco-friendly, hassle-free packaging**  
No refrigerants, insulated containers, or hazard labels needed.
- **Flexible shipping options**  
RNA is stable at ambient temperature for months to years.
- **Greater peace of mind**  
Shipping delays won't impact sample quality.



# RNA Stabilization Tubes

## Uncompromised RNA Quality



To demonstrate the efficacy of our tubes, we split high-quality RNA into RNA Stabilization Tubes and standard tubes, then repeatedly fluctuated the temperature over 72 hours to simulate extreme conditions. RNA quality was then assessed by Agilent® TapeStation®. As shown in the adjacent figure, RNA Stabilization Tubes produced well-defined rRNA bands and RNA Integrity Numbers (RIN) greater than 9.0. In contrast, the standard tubes show evidence of severely degraded RNA. RNA quality was also verified by qPCR.

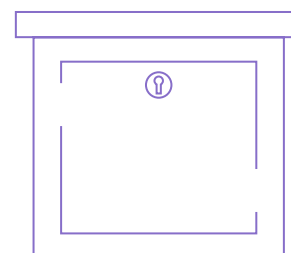
## Save Up to 80% on Shipping

Stabilized samples can be shipped to Azenta Life Sciences without cryoprotection and expedited service, leading to significant savings in shipping costs while reducing dependence on expensive, unwieldy, and sometimes scarce dry ice.

	RNA Stabilization Tubes	Dry Ice Shipping
<b>Shipping Speed</b>	Express Saver (3 day)	Standard Overnight
<b>Weight</b>	<0.5 kg	5-10 kg
<b>Domestic Cost (San Francisco, CA to NJ)</b>	~80% Less	No Savings
<b>International Cost (London, UK to NJ)</b>	~60% Less	No Savings

## Free Submission via Azenta Dropboxes

Our network of over 1,400 dropboxes across North America are ready to accept RNA stabilized samples free of charge. Schedule pickups at your convenience, and our professional couriers will rapidly deliver your samples to the Azenta Life Sciences lab.



Contact [ngs@azenta.com](mailto:ngs@azenta.com) to request RNA Stabilization Tubes for your upcoming NGS project.

