

# RNA shield

Cat. No.: S-5062; Size: 100 ml  
Cat. No.: S-5062-50; Size: 50 ml



## MANUAL

**Description:** DENAzist RNA Shield is a ready-to-use unique solution for the preservation of tissues and cells at room temperature or +4 °C to extract their RNA content. This solution allows the process of RNA extraction to take place on tissues and cell samples that have been sampled and kept in the laboratory without the use of a -80°C freezer or liquid nitrogen tank. It also eliminates the need for quick processing of tissues or cells after sampling to extract their RNA content.

VERSION: Sept 2023

Shipping: ambient temperature

Batch No.: See box

Store at room temperature or +4 °C

## INSTRUCTIONS to use RNA Shield solution

1. After tissue sampling, quickly cut tissues to the approximate size of 3mm × 3mm × 3mm cubes.
2. Place each tissue cube in a microfuge tube containing 500 µl of RNA Shield solution.  
For cultured cells, resuspend the loose pellet of cells (with an approximate size of 50 µl) in 500 µl of RNA Shield solution.
3. Use the following table as a guide for the time period and temperature of preservation:

Time period of sample preservation before RNA extraction	Temperature
less than 5 days	room temperature
less than 10 days	+4 °C
more than 10 days to a few months	-20 °C

**Components:**  
RNA Shield solution

**Expiry date:** 18 month after shipping

**Notes: Research Use Only**

This product insert declares that this product has been analyzed and passed the quality control tests at the time of manufacture.