

INSTRUCTIONS FOR USE

Product Name: Murine RNase Inhibitor**Catalog # RNI03-X25A**

Step 1. In an RNase free centrifuge tube add the following reaction components:

4 µL	5X Buffer
1 µL	Oligo (dT)(50 µM)
1 µL	dNTP Mix (10 mM each)
1 µL	RNase Inhibitor (40 U/µL)
1 µL	Reverse Transcriptase (200 U/µL)
1-5 ng	RNA Template
Up to 20 µL	RNase Free ddH ₂ O

- Inhibitory activity will work in a wide pH range, but maximum activity is seen at pH 7-8.

Step 2. Mix gently and centrifuge.

Step 3. Incubate at 42°C for 45 min.

Step 4. To inactivate: heat the reaction at 85°C for 5 min.

Step 5. Store the products at -20°C.