

Green DNA/RNA Dry Transport

Cat. No.: R1141

(I) Sample Preparation

- ✓ Perform all steps at room temperature and centrifugation at 10,000-16,000 x g for 30 seconds, unless specified.
- 1. Mix sample 1:1 with **DNA/RNA Shield™ (2X Concentrate)**.
Example: Mix 50 µl sample and 50 µl DNA/RNA Shield™ (2X Concentrate).
- 2. Add an equal volume of ethanol (95-100%) and mix well.
Example: Add 100 µl ethanol.
- 3. Transfer the sample to the **Zymo-Spin™ IC Column** in a **Collection Tube** and centrifuge. Discard the flow-through.
- 4. Add 700 µl **Transport Wash Buffer** to the column and centrifuge. Discard the flow-through.
- 5. Remove the column and place it into a new collection tube. Seal the column (parafilm).
- 6. Transport/store at ambient temperature.

(II) Sample Elution

- ✓ Perform all steps at room temperature and centrifugation at 10,000-16,000 x g for 30 seconds, unless specified.
- 1. Add 700 µL ethanol (95-100%) to the column and centrifuge. Carefully transfer the column into a DNase/RNase-free tube (not provided).
- 2. Add ≥ 15 µL **DNase/RNase-Free Water** directly to the column matrix and centrifuge.

Alternatively, for highly concentrated samples use ≥ 6 µl elution.

The eluate can be used immediately or stored frozen. No clean-up required.

