



SEQguard™

Dino Preserve

STORE AT

RT



FOR RESEARCH USE ONLY

Instructions for Use

SEQguard™ Dino Preserve 150 µl (24 samples)
(PS-SDP-024)

Stabilize 24 purified RNA samples



Transport Medium for Purified RNA, Enabling Ambient Temperature Shipment to Plasmidsaurus for RNA-Seq Analysis

SEQguard Dino Preserve is a transport medium optimized in partnership with Plasmidsaurus. It enables ambient temperature shipment of purified RNA samples for sequencing via the Plasmidsaurus pipeline. It tolerates a wide temperature range, making it ideal for shipment protection year-round.

SEQguard Dino Preserve eliminates the need for dry ice, saving costs and hassle while providing a more sustainable alternative. One 150 μ l vial is sufficient to stabilize 24 purified RNA samples when used according to Plasmidsaurus' usage guidelines.

CONTENT AND STORAGE

SEQguard Dino Preserve is supplied as an aqueous solution free from any toxic substances.

SEQguard Dino Preserve is shipped at ambient temperature, and should be stored at room temperature (15-30°C) upon arrival. It tolerates freeze thaws.

SEQguard Dino Preserve is for research use only.

Preparations

Important Information

- Samples should be free of DNA and eluted in Low EDTA TE buffer.
- Place samples in 200 μ l PCR strip tubes, and protect them by enclosing the tubes in a 50 ml conical tube.

RNA-Seq from Plasmidsaurus

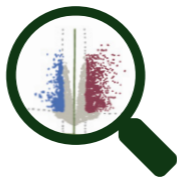
Plasmidsaurus offers an ultrafast RNA-Seq service, enabling rapid and convenient gene expression analysis. Ship your purified RNA to Plasmidsaurus for sequencing at ambient temperature using SEQguard Dino Preserve:



Add 6 μ l of SEQguard Dino Preserve to 24 μ l of purified RNA in Low EDTA TE buffer (10 mM Tris, 0.1 mM EDTA)



Place your samples in your nearest Plasmidsaurus drop box – no dry ice needed!



Get interactive sequencing results in three days!

Check out and order RNA-Seq from Plasmidsaurus here:



Preserving RNA for Plasmidsaurus using SEQguard™ Dino Preserve

RNA Preservation

1. Add SEQguard Dino Preserve

- 1.1 Add 1 part SEQguard to 4 parts purified RNA eluted in 1 × TE buffer¹ with Low EDTA (10mM Tris, 0.1 mM EDTA).
- 1.2 Mix.

2. Sample Specifications

- 2.1 Ensure a minimum sample volume of 30 µl.
- 2.2 Ensure the RNA concentration is 10–100 ng/µl. Do not exceed 100 ng/µl.

3. Sample Handling and Shipping

- 3.1 Place the samples in a Plasmidsaurus drop box or ship at ambient temperature. **No dry ice needed!**

Example

Add 6 µl SEQguard Dino Preserve to 24 µl purified RNA (12.5–125 ng/µl) eluted in Low EDTA TE buffer to achieve a final volume of 30 µl and an RNA concentration of 10–100 ng/µl.

Please see the Plasmidsaurus Sample Prep Instructions for detailed sample input requirements:



1. We recommend for example: IDTE (1 × TE Solution) from IDT technologies (www.idtdna.com).

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