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RNA Loading Set

For Loading RNA Sample

For Research Use Only, Not for use in diagnostic procedures

By ROJE

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ROJETechnologies has been founded since 2014, and manufactures a wide range of molecular biology kits. We research, develop and create our products in order to make easier and more comfortable approaches to do research in molecular biology. Our target is offering high-quality affordable molecular and diagnostic kits and reagents, comparable of the world leaders, to research centers, laboratories, clinics, hospitals and diagnostic centers all over the world.

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Kit Content

| Component | 100 Reactions |
|---------------|---------------|
| Hinari | 330µl |
| Sample Buffer | 660µl |

Storage

Shipment condition is checked by ROJETechnologies. After arrival, all components should be kept dry at 15-25 °C. When storage condition is as directed, all components are stable until expiration date, as indicated on the kit box.

Description

RNA Loading Set is a ready to-use buffer for loading RNA samples. This red loading dye prevents RNA from degradation.

Quality Control

RNA Loading Set is tested against predetermined experiments on a lot-to-lot basis according to ROJETechnologies ISO-certified quality management system, to ensure consistent product quality. For your information, the results of all experiments are accessible by addressing REF and Lot number on web at www.rojetechnologies.com

Process

Gel preparation

- Prepare %1.2-2 gel with TAE 1x buffer (%5 formaldehyde).
- Pour the gel using a comb that will form wells large enough to accommodate at least 20µl.
- Assemble the gel in the tank.
- Use TAE 1x buffer (%5 formaldehyde) as the tank buffer.

RNA sample preparation

- Add 10µg of purified RNA to 6µl of ROJE sample buffer and incubate at 70 °C for 3 min.
- Add 3µl Hinari to the mixture of RNA and sample buffer and mix well by pipetting.
- Then run the mixture in the prepared gel.

Electrophoresis

Load the gel and electrophorese at 5-6 V/cm until the loading dye at least has migrated 2/3 the length of gel.

Results

Visualize the gel on a UV transilluminator. The 28S and 18S ribosomal bands should be sharp and intense. The intensity of the 28S band should be twice more than the 18S band.

Ordering Information

| Category | Product name | Cat NO. | Size |
|----------|-----------------|----------|-----------|
| Dye | RNA Loading Set | LD983007 | 100 Preps |
| | Hinari, 6X | LD983015 | 2ml |
| | Hashin, 6X | LD983003 | 2ml |

Technical Assistance

ROJETechnologies guarantees your complete satisfaction. ROJE technical support team composed of highly trained experienced scientists, who are able to troubleshoot most problems you face. Our technical support team can offer expert advice which may help you select suitable product.

Contact our technical support at any time by selecting one of these ways:

- Through our telephone and fax number; +982191070705.
- You can submit your question directly to ROJE Technical Support Team from our website (www.rojetechnologies.com).
- Or send your questions to this email address, technicalsupport@rojetechnologies.com.

Factory address

NO. 2 Farvardin street- Fernan Street- Tehran- Shahr Qods- Iran- Postal Code: 37531146130-
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