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Total RNA Purification Micro Kit - Supplementary Protocol for Dried Blood Spot RNA Isolation

Product # 35300

Customer-Supplied Reagents and Equipment

- Benchtop microcentrifuge
- Vortex
- 70% ethanol
- 42°C incubator
- Single-hole paper puncher

Notes Prior to Use

- Blood of all human and animal subjects is considered potentially infectious. All necessary precautions recommended by the appropriate authorities in the country of use should be taken when working with blood.

1. Lysate Preparation

1. Cut out 3 x 3 mm (1/8 inch) diameter circles from a dried blood spot with a single-hole paper puncher and place in a clean microcentrifuge tube.
2. Add 300 µL of the Lysis Solution and vortex for 10 seconds.
3. Incubate the sample at 42°C for 30 minutes. Apply vortex for 15 seconds after every 10 minutes.
4. Briefly spin the tube to collect any drops of liquid from the inside of the lid.
5. Transfer the supernatant to a new microcentrifuge tube. Measure the volume.
6. Add 1 volume of 70% ethanol to the sample (i.e. 100 µL of 70% ethanol for every 100 µL of lysate) and mix well by vortexing for 10 seconds.
7. Proceed to “Section 2: Total RNA Purification from All Types of Lysate” in the product insert of Norgen’s Total RNA Purification Micro Kit (#35300)

Technical Support

Contact our Technical Support Team between the hours of 8:30 and 5:30 (Eastern Standard Time) at (905) 227-8848 or Toll Free at 1-866-667-4362.

Technical support can also be obtained from our website (www.norgenbiotek.com) or through email at techsupport@norgenbiotek.com.

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