

RNA Isolation from Tissues

UltraClean™ Tissue RNA Isolation Kit

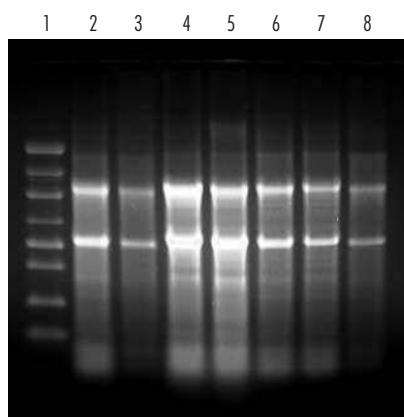
For isolation of total RNA from mammalian tissues or cultured cells

Features and Benefits

- Rapid protocol isolates total RNA from animal tissue or cells in 35 minutes
- Yields up to 60 µg of high quality RNA for RT and RT-PCR
- No phenol/chloroform extraction, no CsCl gradients and no ethanol precipitation

DESCRIPTION

The UltraClean™ Tissue RNA Isolation Kit is designed to provide efficient purification of total RNA from a variety of mammalian tissues or cultured cells. Prepared fresh or frozen tissues are homogenized using a tissue homogenizer or mortar and pestle in the presence of lysis solutions. The RNA is then bound to a silica spin filter, washed and eluted into certified RNase-free water (provided). Kit includes all RNase-free reagents ready to use and all required spin filters and tubes. RNA is of high quality and is ready for any downstream applications such as RT or RT-PCR. Requires a tissue homogenizer, microcentrifuge and vortex.



Total RNA From Mouse Tissues

Total RNA from various tissues (25 mg) was isolated with the UltraClean™ Tissue RNA Isolation Kit and displayed on a denaturing formaldehyde agarose gel. Lane 1: Marker; Lane 2: Brain; Lane 3: Heart; Lane 4: Lung; Lane 5: Liver; Lane 6: Kidney; Lane 7: Tail; Lane 8: Thymus

Specifications

Format	Silica Spin Filter Tubes
Method	Manual Homogenization
Starting Amount	10 - 30 mg
Binding Capacity	Up to 60 µg per filter
Throughput	1 - 24 samples
Time	35 minutes

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RELATED PRODUCTS YOU MAY NEED

UltraClean™ Tissue DNA Isolation Kit
DEPC Treated Water
RNase-Free Gloves
UltraClean™ Lab Cleaner

UltraClean™ Tissue RNA Isolation Kit

Catalog No.	Quantity
15000-50	50 preps
15000-250	250 preps