



Lot 0006394069

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Catalog Number	400814
Product Name	Absolutely RNA miRNA Kit
Expiration Date	2020-11-30
Quantity	50 Preps
Certified By	Dana Faver
Quality Controlled By	Matt Huffman
Shipping Conditions	Shipped at room temperature.

Storage Conditions

The Absolutely RNA miRNA Kit should be stored at room temperature. Once reconstituted, the RNase-free DNase should be stored at -20°C. Once opened, the β-mercaptoethanol should be stored at 4°C.

Description

The Absolutely RNA miRNA Kit provides a rapid method for purification of high-quality, miRNA-containing total RNA from small samples of tissue or cultured cells.

Test Conditions

Following the protocol in the instruction manual (including optional DNase treatment), ≥7 µg total RNA was isolated from 10⁶ HeLa cells. The purity of the recovered RNA was verified by spectrophotometry (OD_{260/280} ≥ 1.8). The integrity of the recovered RNA was verified by microfluidics analysis using the Agilent Bioanalyzer (RIN > 7.0). The RNA was further assessed by RT-QPCR to verify the presence of GAPDH mRNA as well as two miRNA species, let-7i and miR-21. The absence of contaminating genomic DNA (<0.5% w/w) was verified by QPCR analysis using genomic DNA-specific target sequences.

Limited Product Warranty

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