



400814 0006702919



Lot 0006702919

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Catalog Number	400814
Product Name	Absolutely RNA miRNA Kit
Expiration Date	2024-04-30
Quantity	50 Preps
Certified By	Tim Sanchez
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  $\beta$ -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),  $\geq 7$   $\mu\text{g}$  total RNA was isolated from  $10^6$  HeLa cells. The purity of the recovered RNA was verified by spectrophotometry ( $\text{OD}_{260/280} \geq 1.8$ ). The integrity of the recovered RNA was verified by microfluidics analysis using the Agilent Bioanalyzer ( $\text{RIN} > 7.0$ ). 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

This warranty limits our liability to replacement of this product. No other warranties of any kind, express or implied, including, without limitation, implied warranties of merchantability or fitness for a particular purpose, are provided by Agilent. Agilent shall have no liability for any direct, indirect, consequential, or incidental damages arising out of the use, the results of use, or the inability to use this product.

**Laboratory Reagent. This certificate is a declaration of analysis at the time of manufacture.**

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1834 State Highway 71 West  
Cedar Creek, TX 78612 USA

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