First-strand cDNA Synthesis Kit for miRNA (10 reactions)

Catalog # HP100041

**Product Description:** qSTAR first-strand cDNA synthesis kit for miRNA is a two-step protocol kit.
   1. Addition of poly (A) tail to RNA sample
   2. Use of anchor linker oligo dT to synthesize first-strand cDNA.

The miRNA cDNA then becomes an effective qPCR template in SYBR Green I based qPCR method. The kit is uniquely designed to function only with OriGene’s miRNA detection system.

**Kit Components**
- 1 Vial poly (A) polymerase reaction 10X buffer [15 ul]
- 1 Vial poly (A) polymerase (5U/ul) [15 ul]
- 1 Vial 10 mM ATP [15 ul]
- 1 Vial 5X MMLV buffer (dNTPs included) [100ul]
- 1 Vial MMLV Reverse Transcriptase (200 U/ul) [15ul]
- 1 Vial Oligo dT mix [15ul]
- 1 Vial control primer pair (U6) [100 ul]

**Shipping**
This product is shipped on Dry Ice

**Storage and Stability:** First-strand cDNA Synthesis kit should be stored at -20°C. The kit is stable for one year from the date of shipment.

**Related Products**

- Total RNA purification Kit
- MicroRNA Primer Pairs
  [www.origene.com/geneexpression/qpcr_mirna/miRNAAPrimer.aspx](http://www.origene.com/geneexpression/qpcr_mirna/miRNAAPrimer.aspx)
- MicroRNA Primer Panels
  [www.origene.com/geneexpression/qpcr_mirna/miRNAAPrimerPanel.aspx](http://www.origene.com/geneexpression/qpcr_mirna/miRNAAPrimerPanel.aspx)
- MicroRNA Template Standards
  [www.origene.com/geneexpression/qpcr_mirna/miRNAATemplateStd.aspx](http://www.origene.com/geneexpression/qpcr_mirna/miRNAATemplateStd.aspx)
- MicroRNA Expression Plasmids
- Luminex Multiplex MicroRNA Detection Assays

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By opening the product, the purchaser agrees not to distribute, resell, modify for re-sell or use to manufacture commercial products without prior written approval from OriGene Technologies, Inc. If you do not agree with these conditions, please return product to OriGene for a full refund.