



Human Dermal Microvascular Endothelial Cell (HDMEC) miRNA

Catalog number: 2007

Product Information

Quantity: 1 μ g, 2 μ g, or 5 μ g
Storage condition: Store at -80°C

Product Description

In the past few years, small RNAs with 15-30 nucleotides in length have been shown biologically significant as ubiquitous, versatile repressors of gene expression. ScienCell Research Laboratories' small RNA is isolated from a wide variety of normal human cell types by Ambion's *mirVana*TM miRNA Isolation Kit, which employs an organic extraction followed by immobilization of RNA on glass-fiber filters to purify RNA enriched for small species. The small RNA products are delivered in DEPC-treated water.

Quality Control

- The A_{260}/A_{280} ratio of the small RNA is measured to be ~ 2.0 using Beckman Coulter DU 800 spectrophotometer (detected in 10 mM Tris-HCl, pH 7.5).
- The integrity of small RNA is checked by electrophoresis on 15% denaturing polyacrylamide gel. The 5.8S rRNA, 5S rRNA and tRNA species are efficiently recovered.

Application

- RT-PCR
- Blot hybridization
- Solution hybridization assays
- RNA amplification and microarray analysis