

Ultra-sensitive Labeling Kits for microRNA Samples

■ Exceptional Sensitivity

High-quality expression data can be generated using microRNA enriched from just 0.5-5µg of total RNA, or using microRNA enriched from 100 cells that is first amplified with Genisphere's SenseAmp Plus[®] RNA Amplification Kit.

■ Accurate Expression Measurement

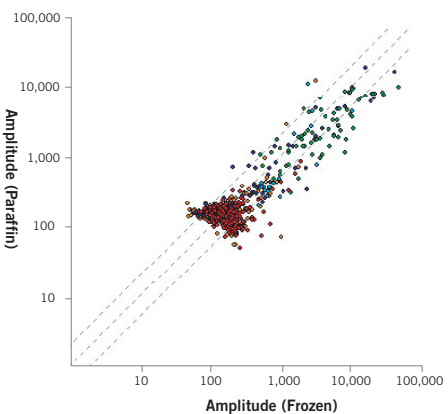
Kit accuracy has been validated by Northern blots.

■ Adaptability to All Microarrays and RNA Samples

Array 900miRNA RT kit has been optimized for use on sense arrays and can be used with all types of RNA (total RNA, poly (A) RNA, non-coding RNA, fragmented or degraded RNA, and low molecular weight RNAs including microRNA, siRNA, tRNA, and 5s rRNA).

■ Ease of Use

Easy, quick protocol with pre-labeled detection reagents included.



Comparison of microRNA expression of microRNA extracted from frozen (Cy3) and FFPE (Formalin Fixed, Paraffin Embedded) (Cy5) Diffuse Large B-cell Lymphoma Case, 100 ng of enriched microRNA per channel labeled with Array 900miRNA RT kits and hybridized to Sense Strand microRNA chips. Typical microarray image (top) and BlueFuse analyzed data (bottom). Data provided by Dr. Charles Lawrie and Nigel Saunders, University of Oxford, from whom microarrays are available on a collaborative basis.

To Order:

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Array 900miRNA RT for arrays printed with sense oligos		
Cy ³ /Cy ⁵ kit	MIRT180	5 Assays each
Cy3 kit	MIRT130	20 Assays
Cy5 kit	MIRT140	20 Assays



SIGNAL + SAMPLE AMPLIFICATION PRODUCTS