



## University Health Network Microarray Centre Announces launch of miRNA Expression Profiling Service using Agilent and Exiqon array platforms

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Toronto, ON: The University Health Network Microarray Centre (UHNMAC) is pleased to announce the launch of the miRNA Expression Profiling Service using Agilent and Exiqon array platforms.

Agilent has developed a microarray-based application for studying microRNAs (miRNAs) that combines a unique miRNA direct labeling method with an innovative probe design. Using the robust and sensitive Agilent Human miRNA Microarray, complete miRNA expression profiles can be obtained and used to provide insight into human miRNA expression and regulation. This array represents 470 human and 64 human viral mature miRNAs.

Exiqon provides miRCURY™ Locked Nucleic Acid (LNA) arrays for microRNA expression profiling. This array features highly-specific T<sub>m</sub>-normalised capture probes which make miRNA enrichment prior to labelling and signal amplification methods unnecessary. With more than 2000 capture probes from 54 organisms, it is possible to profile mature miRNAs from vertebrates, invertebrates, plants and viruses etc. The miRCURY™ microarray also contains 144 proprietary miRPlus sequences that are not included in the miRBase, and these probes allow researchers access to information that is not available elsewhere.

Please visit our website, <http://www.microarrays.ca/services/miRNA.html> for details and pricing information.

The UHNMAC [www.microarrays.ca](http://www.microarrays.ca) was established in 1998 and worked with a local engineering company to develop the arrayer robot that is now sold commercially as the BioRad VersArray ChipWriter Pro. Since 2000, the UHNMAC has provided arrays, training and support to over 700 labs in 27 different countries and has distributed over 100,000 arrays. UHNMAC offers Human, Mouse, and Yeast cDNA microarrays, Human and Mouse CpG Island microarrays, and with the establishment of recent collaboration with SLRIMF, UHNMAC now prints Mouse, Zebrafish, *C. elegans* microarrays, and focused Human and Yeast oligonucleotide microarrays. Genomic Services include Expression Profiling, ChIP-on-Chip, Differential Methylation, Array CGH on Affymetrix, Agilent, and cDNA microarray platforms; data analysis, custom microarray and clone production are also available.

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