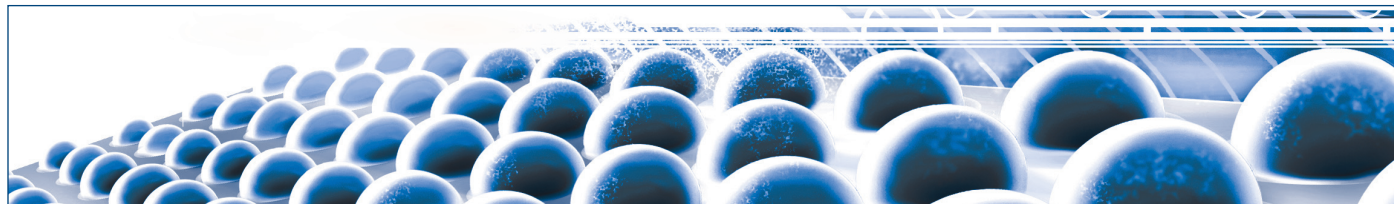




mRNA Gene Expression Profiling Service



Global gene expression profiling typically requires 2µg or more of total RNA, making it difficult to analyze samples of limited mass. Illumina's Sentrix BeadChip enables expression profiling from low input samples at a fraction of the cost. Asuragen offers a robust and cost-effective service to generate high quality data from this platform.

Key Benefits include:

- High-performance platform and well-controlled laboratory procedures ensure quality data
- Analyze samples with 100ng total RNA and a detection level down to 0.25pM
- Comprehensive probe panel of >48,000 gene targets covering RefSeq release 4 (build 34) and alternative splice regions
- Process 6-8 samples / chip in parallel
- Cost effective solution allows you to build better replication into your experiments
- > 30 fold redundancy providing high data quality and reproducibility

Deliverables

- Illumina Scanner outputs for BeadChip arrays including IDAT, JPG, and SDF files
- Microsoft Excel® workbook containing:
 - Gene Identifiers
 - Summarization of RNA QC values
 - Summarization of gene values using Illumina BeadStudio Software
 - Illumina Array QC report derived from quality metrics set by Asuragen
- Agilent Bioanalyzer RNA QC report in PDF format

CA0010	QC, NanoDrop, Total RNA, for mRNA applications
CA0034	Target Preparation, cRNA, Illumina Standard Input with QC
CA0038	Array Processing and Scanning, Illumina Arrays
CC0150	Illumina Sentrix Human-6 v2 Array*
CC0170	Illumina Ratref-12 Expression Beadchip*
CC0180	Illumina Mouse-6 Expression Beadchip*
CA0051	Array processing and scanning, DASL
CA0055	Target preparation, DASL
CC0220	Illumina Sentrix 96 Array Matrix, DASL

Custom Data Analysis Packages to Accommodate Your Research Needs.

Contact Asuragen to learn more.