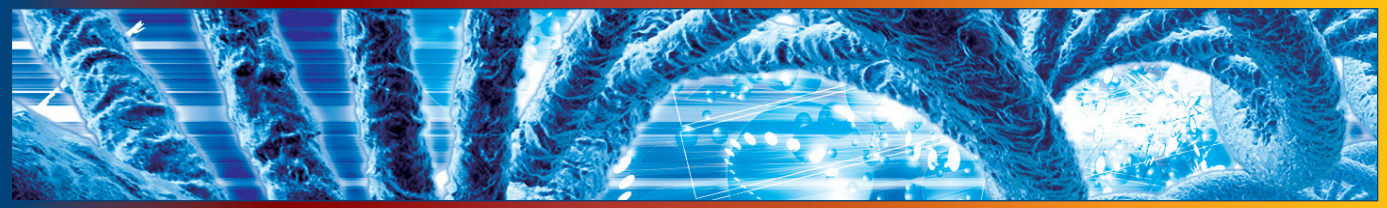




## aCGH Services



Combined with Asuragen's years of service expertise, Agilent's microarray-based comparative genomic hybridization (aCGH) technology is a powerful solution for your research in cancer and developmental disorders to detect copy number variations (CNV). All services are run under Agilent Certified Service Provider and cGLP guidelines.

### Key Benefits Include:

- Access to all available oligo aCGH arrays
- Resolution and flexibility to perform genome-wide and customized zoom-in profiling of genomic aberrations on a single chip
- Minimum 0.5 µg total genomic DNA required
- Probes annotated against build NCBI 36

### Deliverables

- **Raw data files**
- **Extracted Quantitative Data Files from Agilent's Feature Extraction software:**
  - .txt data files
  - JPEG images
  - .PDF QC reports
  - XML files available upon request
- **Analysis Report Tables:**
  - Project Description
  - DNA assessment Data. (260nm/280nm, 260nm/230nm ratios, concentration and yield)
  - Percentage of Labeling: A measure of Cy3 and Cy5 incorporation
- **DNA Analytics Reports\*:**
  - Post-hybridization QC Report
  - Probe-based report of predicted Copy Number Variation (CNV) aberrations
  - Interval-based report of predicted CNV aberrations

### Available aCGH Arrays

<b>CC0390</b>	Agilent Human 44K aCGH Array (4x44K)
<b>CC0400</b>	Agilent Human 244A aCGH Array (1x244K)
<b>CC0410</b>	Agilent Mouse 244A aCGH Array (1x244K)
<b>CC0420</b>	Agilent Mouse 44K aCGH Array (4x44K)
<b>CC0430</b>	Agilent Rat 244A aCGH Array (1x244K)
<b>CC0440</b>	Agilent Human 105A aCGH Array (2x105K)
<b>CC0450</b>	Agilent Rat 105A aCGH Array (2x105K)
<b>CC0460</b>	Agilent Mouse 105A aCGH Array (2x105K)

\*Asuragen applies Agilent's recommended settings for CNV analysis based on the DNA Analytics 4.0 CGH Module User guide.

**Contact Asuragen to learn more.**