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Human Genome CGH Microarray 44K

The Agilent Human Genome CGH Microarray 44K is a high-resolution tool for genome-wide DNA copy number variation profiling without amplification or complexity reduction. Probe coverage spans both coding and noncoding regions, with emphasis on well-characterized genes, particularly cancer-relevant genes. Probe design and selection have been carefully optimized and validated for maximal sensitivity and specificity. This microarray has been designed to meet the unique and challenging demands of CGH – all on a single chip

Features

- 43,000+ coding and noncoding human sequences represented
- Well-characterized genes represented by 1+ probes, cancer-relevant genes by 2+ probes
- Content sourced from the UCSC hg17 human genome (NCBI build 35, May 2004)
- ~35 KB average probe spatial resolution
- 0.5 µg total genomic DNA input requirement
- Probe performance validated in multiple model systems with defined aberrations
- 4 x 44K slide format

For further information or a quote, please contact m.herman@dnavision.be