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DNA Microarray Analysis

National Cancer Institute

Source

National Cancer Institute. *DNA Microarray Analysis*. NCI Thesaurus. Code C25922.

This term describes an experiment in which probes representing genes that one wants to study are affixed to a substrate (e.g., a glass slide) and then exposed to target molecules (sometimes referred to as the sample). The level of hybridization between a specific probe and a target (typically indicated through fluorescence and measured through image analysis) indicates the level of the gene corresponding to that probe in a test solution.