

Common commercial Microarray formats

Contributed by Administrator

Microarray chips are devices that enable scientists to simultaneously measure the expression level of every gene within a cell. In this way it is possible to get snapshots of the total gene expression levels of whole or parts of organisms under study. The comparative statistics based analysis of multiple microarrays from different cell cultures/organisms/tissues/patients leads to the identification of the distinct expression profile that is needed to understand the biology behind illnesses like cancer or other ailments.