

Download Protein Microarray Technology

Protein microarray

A protein microarray (or protein chip) is a high-throughput method used to track the interactions and activities of proteins, and to determine their function, and determining function on a large scale. Its main advantage lies in the fact that large numbers of proteins can be tracked in parallel. The chip consists of a support surface such as a glass slide, nitrocellulose membrane, bead, or ...

DNA microarray

A DNA microarray (also commonly known as DNA chip or biochip) is a collection of microscopic DNA spots attached to a solid surface. Scientists use DNA microarrays to measure the expression levels of large numbers of genes simultaneously or to genotype multiple regions of a genome. Each DNA spot contains picomoles (10^{-12} moles) of a specific DNA sequence, known as probes (or reporters or oligos).

UTSW Microarray Core | Home

UTSW Genomics and Microarray Core Facility was established in 2001 and has been providing cutting-edge microarray technology and services to hundreds of investigators with different research projects.

GenePix Microarray Systems | Molecular Devices

Microarray scanners for one-fluor to multi-fluor applications. The GenePix® Microarray Systems are based on 25 years of expertise in low-noise signal amplification and optical design.

PharmaCircle

PharmaCircle is an innovative knowledge management company specializing in the drug delivery, pharmaceutical and biotechnology fields. The current clients of PharmaCircle™ vary from world leaders to start up companies in the pharmaceutical, biotechnology and drug delivery fields.

Total Exosome RNA Protein Isolation Kit

The Total Exosome RNA and Protein Isolation Kit enables isolation of total RNA and proteins from exosome samples extracted from biological fluids (e.g., by using Total Exosome Isolation (from cell culture media) or Total Exosome Isolation (from serum)). Extracts highly pure total RNA (including small

xMAP® Technology for Research & Applied Markets

How does xMAP Technology compare with ELISA and planar assays? Due to robust multiplexing, xMAP Technology potentially delivers more data in less time than other bioassay products, with comparable results to ELISA and microarray.

Dynabeads Protein G for Immunoprecipitation

Dynabeads Protein G are uniform, 2.8 μ m superparamagnetic beads with recombinant Protein G (~17 kDa) covalently coupled to the surface. Dynabeads Protein G provide a superior alternative to Sepharose or agarose slurry for immunoprecipitation (IP), and both manual and automated protocols are available

RiceXPro

The Rice Expression Profile Database (RiceXPro) is a repository of gene expression profiles derived from microarray analysis of tissues/organs encompassing the entire growth of the rice plant under natural field conditions, rice seedlings treated with various phytohormones, and specific cell types/tissues isolated by laser microdissection (LMD). This database is part of a project on rice ...

Features

Features Powerful genomics tools in a user-friendly interface. GenePattern provides hundreds of analytical tools for the analysis of gene expression (RNA-seq and microarray), sequence variation and copy number, proteomic, flow cytometry, and network analysis. These tools are all available through a Web interface with no programming experience required.