

Download Protein Microarray Technology

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 ...A microarray is a multiplex lab-on-a-chip. It is a two-dimensional array on a solid substrate (usually a glass slide or silicon thin-film cell) that assays (tests) large amounts of biological material using high-throughput screening miniaturized, multiplexed and parallel processing and detection methods. The concept and methodology of microarrays was first introduced and illustrated in antibody ...Arrayit offers complete microarray services including microarray design, microarray sample preparation, microarray labeling, microarray amplification, microarray hybridization, microarray processing, microarray scanning, and microarray data analysis. Our high-throughput microarray cleanroom facilities enable a microarray service to meet the needs of every research laboratory, biotech ...Cambridge Protein Arrays Ltd. - Your dedicated partner for protein array based screening projects. Established in Cambridge (UK) in 2010, our academic roots are in protein arrays and protein affinity reagents.