

# 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 ...Microarrays Inc produces dna and protein microarrays, microarray-based assays for detection of genes, pathogens, and other analytes Arrayit has developed the most powerful microarray diagnostic platforms available for genotyping, gene expression analysis, and protein profiling. Arrayit microarray diagnostics features patented manufacturing and Variation Identification Platform (VIP) technologies that enable DNA screening of 100,000 patients on a single microarray. Arrayit VIP platforms empower research laboratories ...