

A Complete Proteomic Solution

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Abstracts

Proteomics promises to be an important part of the process in understanding biological systems, pursuing drug discovery, and uncovering disease mechanisms. Because proteins are a complex and variable class of molecules, their research and analysis have opened a new and exciting era.

The potential of proteomics: Discover novel and interesting proteins relating to specific factors by comparing complete protein sets from many different sample conditions

The challenge: To massively parallel analysis of thousands of proteins, over a large number of samples, in a reproducible manner so that logical decisions can be made on qualitative and quantitative differences in protein content.

The tools: The Proteome Works system is an alliance between Bio-Rad and Micromass, established to provide innovative products that separate, resolve, analyze, and identify proteins. This combination of protein separation, imaging and mass spectrometry technologies is designed to overcome the challenges and reach the goal of proteomics.