PBI Pressure BioSciences Inc.

*Discovery Starts with Sample Preparation™*

# An Integrated Sample Preparation Workflow Provides Results in Hours: Combining Pressure Cycling Technology (PCT®) and Parallel Isoelectric Focusing (dPC®)

protein forest®

*Bringing Confidence to Proteomics*

**Begin Sample Processing**

**Extract Proteins with PCT (30 Minutes)**

**Fractionate with dPC (30 Minutes)**

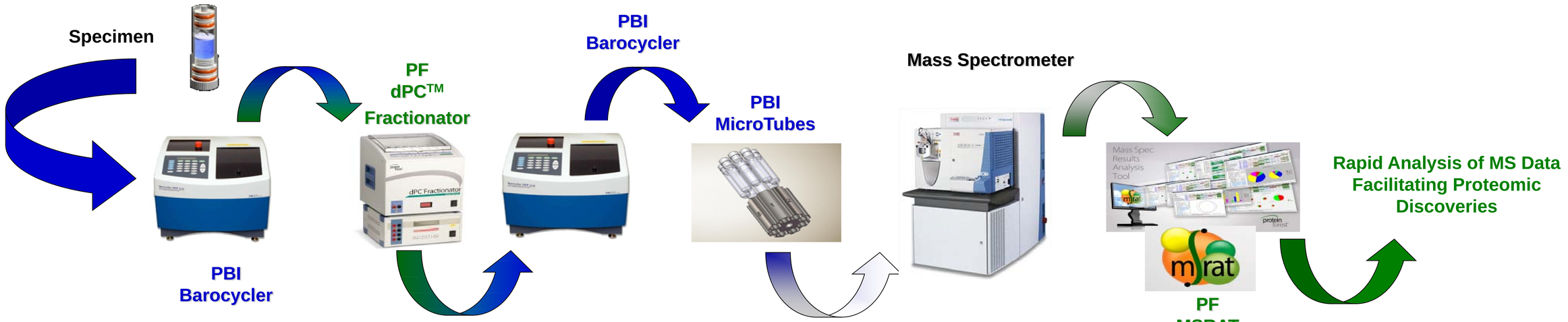
**Extract Proteins from dPC Chip with PCT (30 Minutes)**

**In-gel Digestion with PCT (30 Minutes)**

**Mass Spec Analysis (Time is Instrument Dependent)**

**Analyze with MSRAT (30 Minutes)**

**Sample Preparation and Data Reduction Workflow in Under 3 Hours**




## Pressure BioSciences

**The Solution – PCT Sample Preparation System**

**Reliable, Reproducible Protein Extraction**

- Discover New Biomarkers
- Automated Bench Top Instrument
- Standardize Protein Extraction

**Preparation of Proteins for Analysis by Mass Spectrometry**

- Standardize Protein Digestion for Mass Spectrometry
- Significantly Accelerate In-Solution or In-Gel Protein Digestion
- Substantially Increase Protein Digestion Efficiency

**For More Information Visit Pressure BioSciences at Booth 2**

**http://www.pressurebiosciences.com**

## Protein Forest

**The Solution - dPC Fractionation and Sensible Data Analysis**

**Reliable, Reproducible Sample Preparation**

- Reliable Discovery
- Reliable Measurement
- Confidence in the Data

**Rapid, Intuitive Data Analysis**

- Biological Sense from MS Data
- Rapid Analysis
- Increase Research Efficiency

**For More Information Visit Protein Forest at Booth 31**

**http://www.proteinforest.com**