

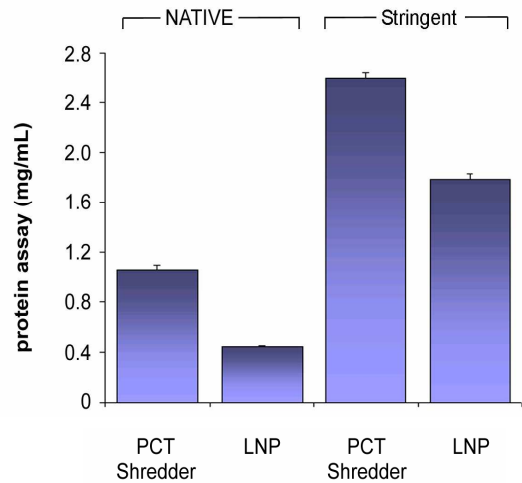
Pressure BioSciences, Inc.

**Advantages of
Sample Extraction
Using
*The PCT Shredder***

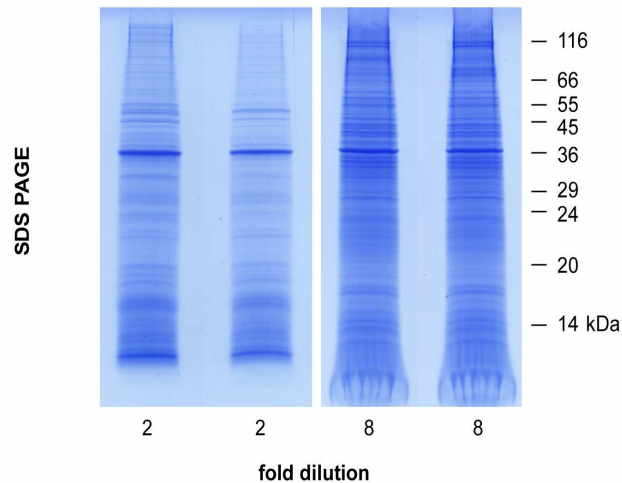
Discovery Starts With Sample Preparation

PBI

Greater Yield with Some Samples

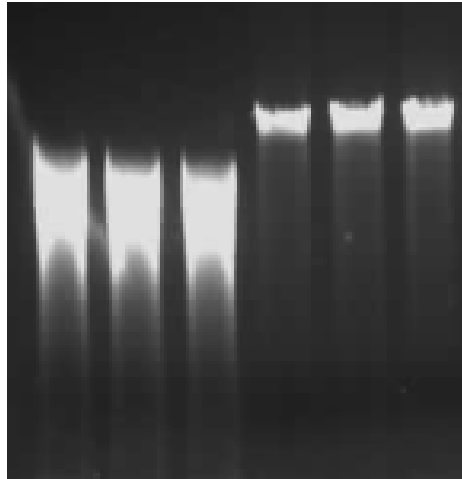


Extraction of Protein from *C. elegans* Using *The PCT Shredder* and ProteoSolve-CE Native or Stringent Kits from PBI Results in Greater Yield of Protein than Extraction with Mortar and Pestle with Liquid Nitrogen (LNP).



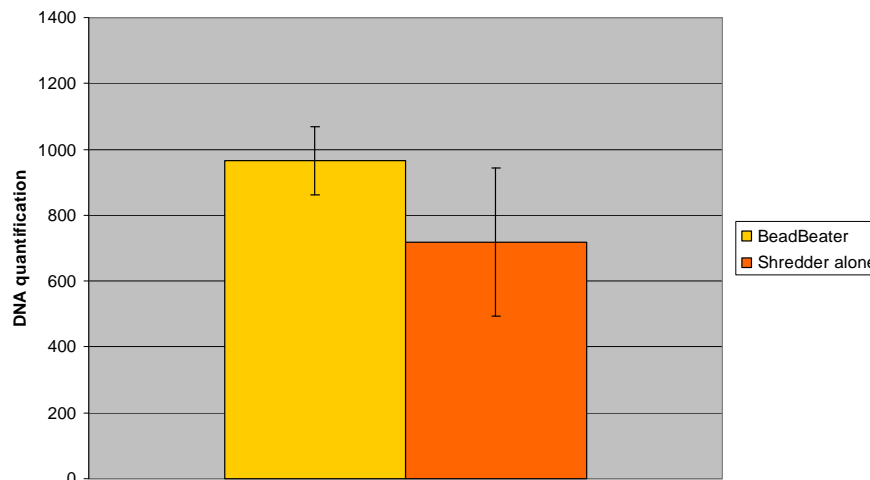
Higher Quality Nucleic Acids

Bead Beater *The PCT Shredder*



DNA extraction from Spinach

DNA Extracted from Spinach Using *The PCT Shredder* Results in Much Longer and More Intact DNA Than Bead Beating While Providing Comparable Yields.



Advantages of The PCT Shredder

Simple, Easy-to-use

Inexpensive Hardware and Disposable

Compatible with Routinely Used Lab Buffers and Other Reagents

Single-use, Closed, Versatile Processing Container

- **Self-Contained**
- **No Sample Transfer Required**
- **Reduces the Likelihood of Cross Contamination**
- **Reduces the Chance of Sample Exposure to the User**
- **Excellent for Collection, Storage, Transport, and Processing**
- **Offers full “chain-of-custody” tracking from collection to test**

Safe – No Exposed Sharp Surfaces

Portable – Excellent for Field Use

Potential for Increased Yields and Higher Quality

