

# One-Step, 5-minute, Proteomics Sample Preparation

## Double unique peptide identifications and increase coverage

- Ready to use, no reconstitution, no aliquoting, no freezing, stores on the bench!
- One-step, 5-minute, no fuss sample preparation protocols for most applications.
- No chaotropes, no manipulations, no detergents, no salts, heat and pH denature samples.
- No cleanup needed, reactions can be run in formic acid/ammonium-formate buffers.
- No autolysis, hyper-stable enzymes >2 year shelf-life at room temperature.
- Unique Archaeal cleavage specificity (E, L, F) for novel protein and proteome coverage.

### Introducing HyperThermoacidic Archaeal proteases for proteomics

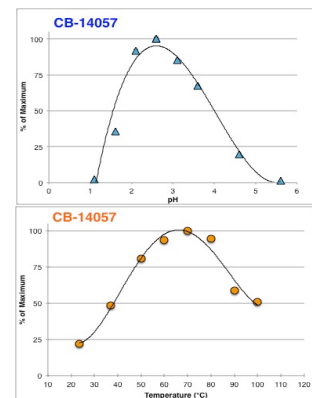
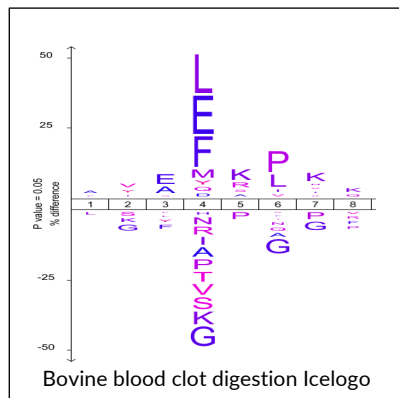
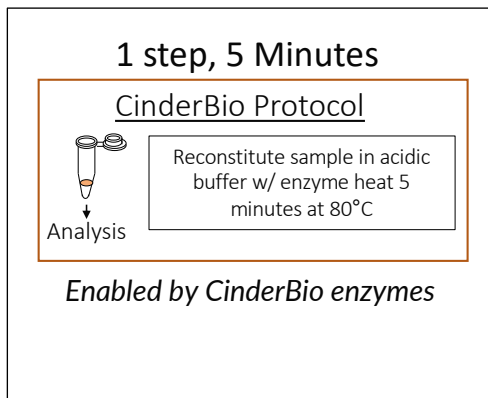
Catalog Number	Class	Optimal pH	pH Range*	Optimal Temp.	Temp. Range*	Amino Acid Specificity	Ambient Shelf-Life
CB14057	HTA-Protease	3.0	1.5-4.0	70 °C	38-100 °C	E, L, F	>2 years
CB23726	HTA-Protease	3.0	1.8-4.2	70 °C	40-100 °C	E, L, F	>2 years

\* Temperature and pH ranges are conditions that give ≥ 50% maximal activity at optima for other conditions (Optima=70 °C pH 3).

Simple, Fast, Reproducible sample preparation protocol.

Demonstrated specificity of novel cleavage site residues.

Sample-Denaturing pH and temperature.



INTRODUCTORY PRICING AND SAMPLES AVAILABLE UPON REQUEST

Please contact us at [Info@CinderBio.com](mailto:Info@CinderBio.com)