

Protein Sample Preparation Made Easy with truPREP[®] Protein for Mammalian Cells

A Simple, Single-Consumable Workflow

Say goodbye to complicated, time-consuming protein extraction workflows. The Covaris truPREP Protein 12x8 Strip Kit – Mammalian Cells (Lysis, Extraction, & Digestion) simplifies protein sample preparation. Developed with the Protein Aggregation Capture (PAC) workflow, this streamlined process harnesses the power of Adaptive Focused Acoustics[®] (AFA[®]) technology to enable fast and reliable protein sample preparation from cell pellets, resulting in peptides for downstream LC-MS research.

The Covaris truPREP Protein 12x8 Strip Kit Enables



Efficiency

Reduce sample prep processing time and cost without compromising data quality



Flexibility

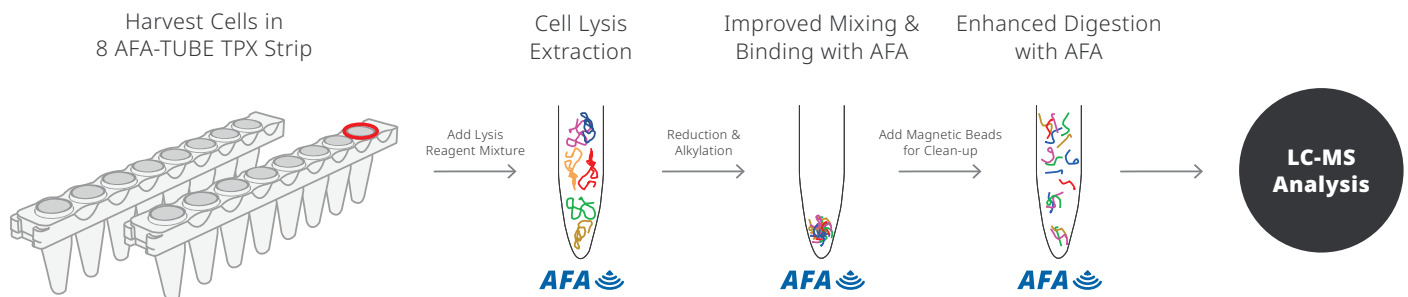
Compatible with a wide range of mammalian cell lines



Scalability

Option to increase batch sizes from 8–96 samples using the same workflow

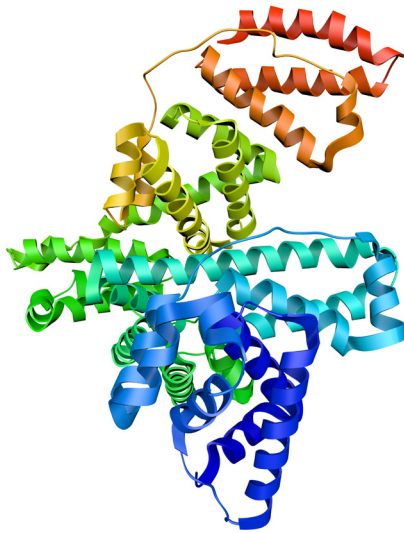
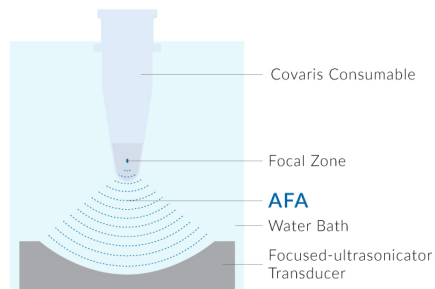
Streamline Your Protein Workflow



truPREP Protein for Mammalian Cells

Proven Technology

The truPREP Protein 12x8 Strip Kit – Mammalian Cells has been designed for use with the Covaris R230 Focused-ultrasonicator, leveraging Covaris' AFA technology to optimize efficiency and reduce turn-around-time (TAT). AFA employs highly controlled bursts of focused high-frequency acoustic energy to efficiently and reproducibly process samples in a temperature-controlled and non-contact environment. This technology has been used for precise, efficient sample preparation for over 20 years.



Benefits of Sample Preparation with truPREP Protein

- **Reproducible and Robust:** CV <15% for protein and peptide yield
- **Time Savings:** Easily complete entire workflow within a single workday, from cell pellets to peptides
- **Reliable Purification:** Enabled by best-in-class Protein Aggregation Capture (PAC) protocol
- **Accelerated Trypsin Digestion*:** Digest proteins on-bead with AFA technology – no heat block required!
- **Reduced Contamination Risk:** Limited touch points and no transfer steps during purification

Ordering Information

Product	Part #	Description
truPREP Protein 12x8 Strip Kit – Mammalian Cells (Lysis, Extraction, & Digestion)	520354	This kit enables fast and reliable protein sample preparation from mammalian cell pellets, resulting in peptides for downstream LC-MS research.

***Trypsin and accessory parts are not included in the kit and must be purchased separately.**

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