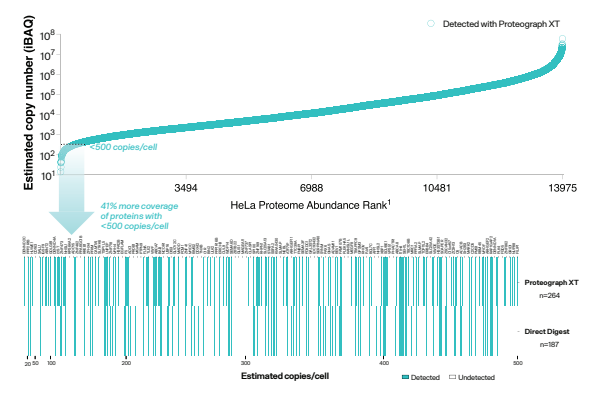
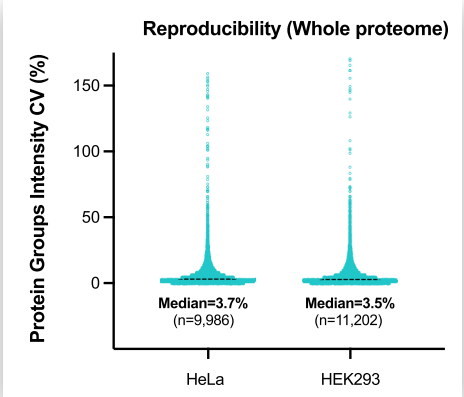
Unlock Unprecedented Depth in Cellular Proteomics with the Proteograph™ XT Workflow

Achieve Deeper Insight Enhanced Cellular Proteome Coverage Over Conventional Protocols





Unparalleled Cellular Proteome Depth

Achieve coverage of over 11,000 proteins in tested cell lines, probes the full range of cellular proteome abundance, from tens to millions of protein copies per cell. Including over **40% more low-abundance proteins**, powered by nanoparticle-based enrichment.

Superior Reproducibility

Ensure high assay consistency with proteome-wide protein intensity **CVs below 5%**, making results highly reliable for downstream analysis.

Explore the Full Potential of High-Value Proteins Across Diverse Cellular Compartments, Functions, and Structures

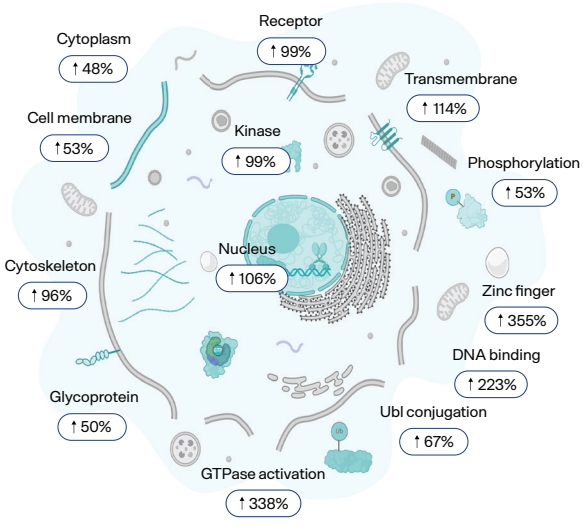
Precision Enrichment

Thanks to its nanoparticle-based enrichment, it captures those critical proteins across all the key cellular compartments, helping you uncover valuable insights into disease pathways and cellular signaling.

Advanced Structural Insights

Explore complex molecular structures like transmembrane domains, coiled-coil motifs, and zinc finger domains with unmatched clarity.

More unique proteins detected across a range of UniProtKB keywords, compared to conventional sample preparation



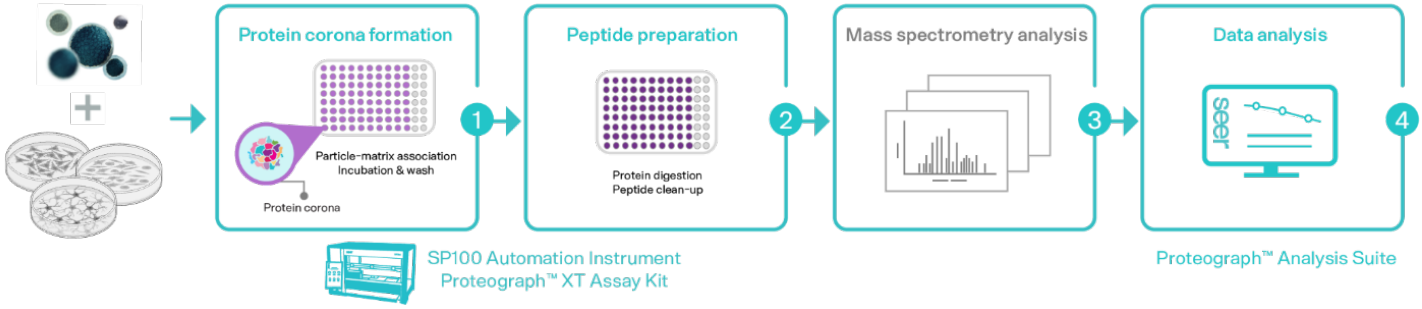
Now All Researchers with Proteograph XT Workflow Can Unlock Unprecedented Depth in Cellular Proteomics

Streamlined Workflow

Simplified pre-processing steps allow seamless integration into existing cell culture labs without the need for specialized equipment or expertise.

Scalable and Versatile

Designed to support a wide range of cell culture models and experimental designs, making it adaptable to diverse research needs.



Expanded Application Menu

Apps Lab continues to expand protocols, sample types & applications

Leverage the universal Proteograph XT Assay Kit and SP100, unlocking powerful capabilities for cellular proteome analysis and beyond.



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