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Waters announces launch of new PeptideWorks Tryptic Protein Digestion

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PeptideWorks Tryptic Protein Digestion Kits deliver automatable, high efficiency, and reproducible peptide mapping



US-based Waters Corporation has launched its new PeptideWorks Tryptic Protein Digestion Kits to provide biopharma scientists with a comprehensive, automatable solution for rapid sample preparation for peptide mapping. By reducing missed cleavages and autolysis peaks, which can complicate data processing, the kits bolster digestion performance and provide exquisite baselines free from noise. The launch of PeptideWorks Tryptic Protein Digestion Kits completesWaters' end-to-end solution for peptide mapping.

PeptideWorks Tryptic Protein Digestion Kits alleviate the cumbersome steps of desalting (extracting salt content and denaturant) by automating both the desalting step and the entire peptide mapping sample preparation with one comprehensive kit for manual or automated workflows and eliminates the need to source multiple reagents. It is fully automated to provide robust, reproducible results, making for easier method transfer from lab to lab.

PeptideWorks Tryptic Protein Digestion Kits offer scientists working in discovery or development and characterisation within small to large biopharma companies, contract research organisations (CROs), and contract development and manufacturing organisations (CDMOs), a complete peptide mapping workflow.

The new kits address the challenge of long, irreproducible sample preparation of peptide mapping across all protein digestion sample preparation characterization workflows with high digestion efficiency within biopharmaceutical R&D.