

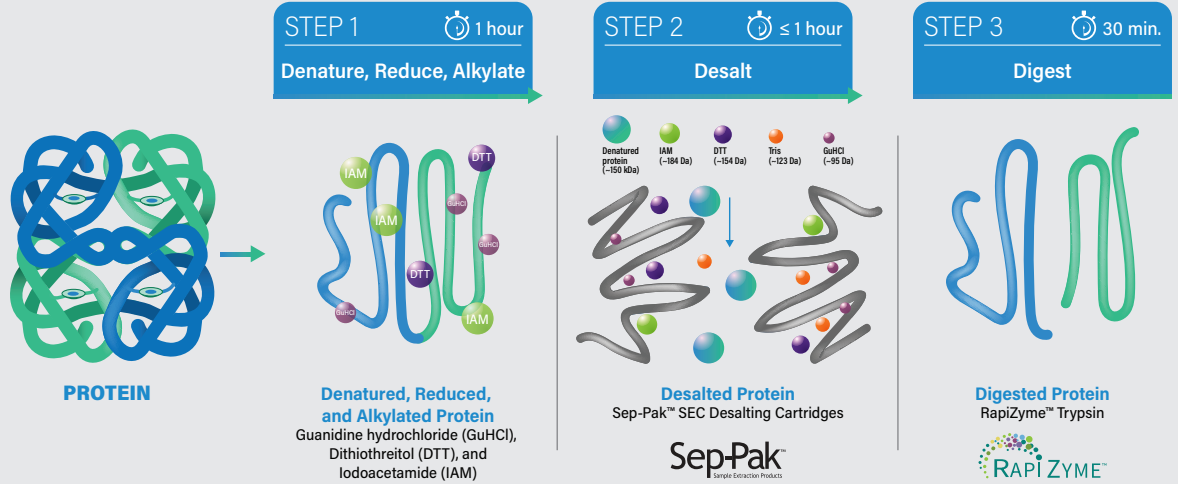
Protein Digestion, Gets Intelligent...

Achieve fast, automatable, reproducible peptide maps with a more complete and specific digestion



Fast Peptide Mapping in Under 2.5 Hours...

PeptideWorks™ Tryptic Protein Digestion Kits provide automatable, high efficiency, and reproducible peptide maps faster than current solutions while reducing missed cleavages and autolysis peaks which can complicate data processing. Immobilized enzymes require additional clean up steps after digestion adding time to your prep with high missed cleavages.



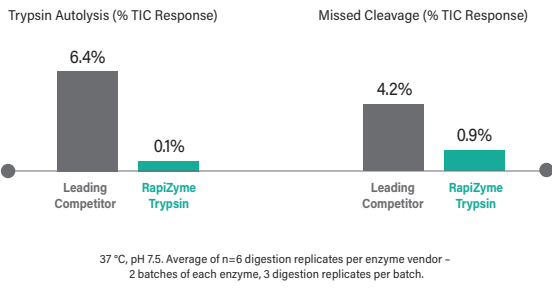
4x Faster Digestion Times...Without the Artifacts!

High enzyme to protein ratios (1:5) are faster, but typically lead to high autolysis. RapiZyme Trypsin's unique autolysis resistance and low missed cleavage unlocks **efficient 30-minute digestions** vs. standard 3-hour digestions (using 1:20).



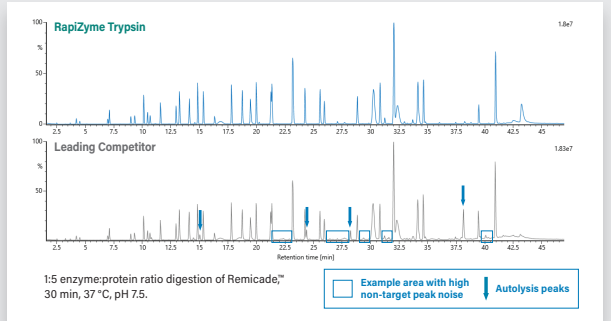
Efficient 30 min. Digestion

RapiZyme Trypsin enables 30 minute digestion with 98% reduction of autolysis peaks and 78% reduction of missed cleavages.



Clean Baselines

Critical decisions are made distinguishing the smallest change in a peptide map. Proceed quickly and confidently with exquisite baselines free from noise.



Automate Your Peptide Mapping... Without Sacrificing Quality or Reproducibility!

Alleviate the cumbersome steps of desalting by automating the entire peptide mapping sample prep with one comprehensive kit for manual or automated workflows and eliminate the need to source multiple reagents.

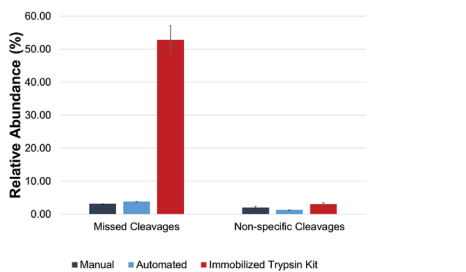
Andrew
the pipetting robot

OneLab
design & execute



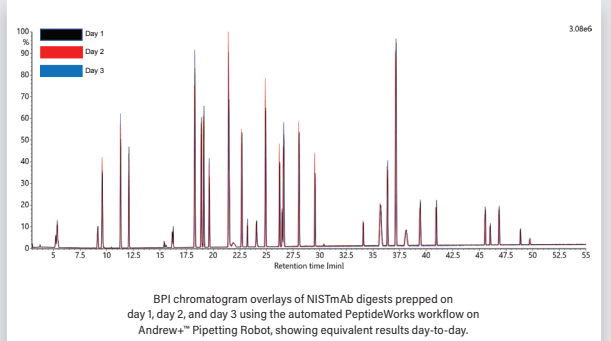
10-fold Decrease in Missed Cleavages

PeptideWorks delivers a more complete and specific digestion when compared to Leading Immobilized Trypsin Kit.



Robust, Reproducible Results

The optimized PeptideWorks Automation Protocol generates consistent results over time.



Ordering Information

Description	Part Number	Components
PeptideWorks Tryptic Start-Up and Column Kit	176005310	Start-up Kit with guanidine hydrochloride, dithiothreitol, iodoacetamide, Sep-Pak SEC Desalting Cartridges/stand, RapiZyme Trypsin, 1 M CaCl ₂ and ACQUITY™ Premier Peptide CSH™ C ₁₈ Column
PeptideWorks Tryptic Protein Digestion Start-Up Kit	176005311	Start-up Kit with guanidine hydrochloride, dithiothreitol, iodoacetamide, Sep-Pak SEC Desalting Cartridges/stand, RapiZyme Trypsin, 1 M CaCl ₂
PeptideWorks Tryptic Protein Digestion Refill Kit	176005312	Refill Kit: guanidine hydrochloride, dithiothreitol, iodoacetamide, Sep-Pak SEC Desalting Cartridges, RapiZyme Trypsin, 1 M CaCl ₂
PeptideWorks Tryptic Protein Digestion Start-Up without unfolding	176005308	Start-up Kit: Sep-Pak SEC Desalting Cartridges/stand, RapiZyme Trypsin, 1 M CaCl ₂
PeptideWorks Tryptic Protein Digestion Refill Kit without unfolding	176005309	Refill Kit: Sep-Pak SEC Desalting Cartridges, RapiZyme Trypsin, 1 M CaCl ₂