

## PreON PLATFORM FOR AUTOMATED PROTEIN SAMPLE PROCESSING



### THE NEXT EVOLUTION IN LC/MS SAMPLE PREP.

The PreON platform was built to address the demands of reproducible, robust and sensitive sample preparation. It allows research labs to automate protein processing at the push of a button. Free up your valuable time, standardize your results and increase your productivity.

PreON can process up to 36 samples per day!

Up and running on your bench in a single day!

### PreON SUPPORTS YOUR WORKFLOW

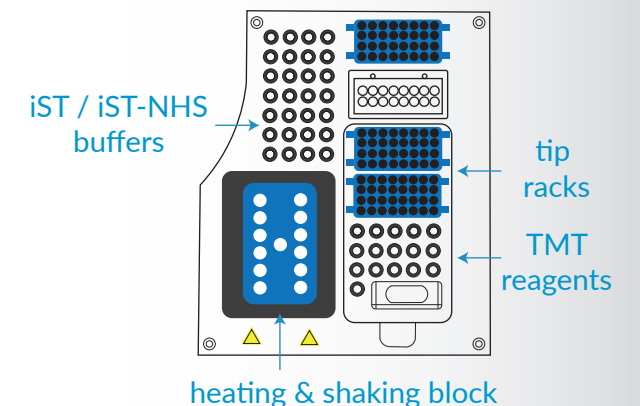
PreON is the first dedicated automation system for protein sample preparation:

- Automates your label-free and chemical labeling workflows
- Eliminates manual processing steps (only 5 min hands-on time)
- Generates standardized and highly reproducible results
- Works seamlessly with ready-to-go PreOmics iST and iST-NHS kits

## TECH SPEC

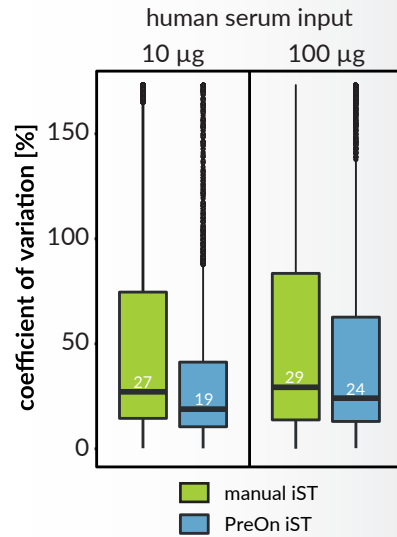
- 4-12 samples processed in parallel in <3h
- Onboard heated shaker (10-2,000 rpm; up to 70°C heating range)
- Automated swing-out centrifuge (max.12,000 g)
- Automated pipetting (10-200  $\mu$ L range)
- Automated cartridge gripper
- Optical & ultrasonic sensors control workflow quality
- Plug & play methods, preinstalled menu-driven workflows
- A benchtop device: H 81 cm (32 in), W 65 cm (25,6 in), D 62 cm (24,4 in), Weight 71,5 kg (157,6 lbs)

## WORK DECK

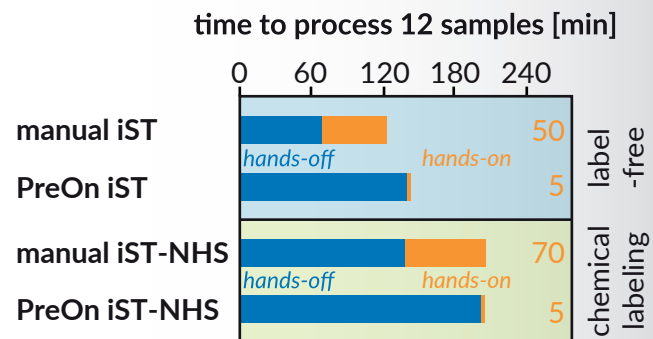


# RESULTS

## A- TECHNICAL VARIABILITY



## B- PROCESSING TIME



# iST COMPATIBLE WORKFLOWS

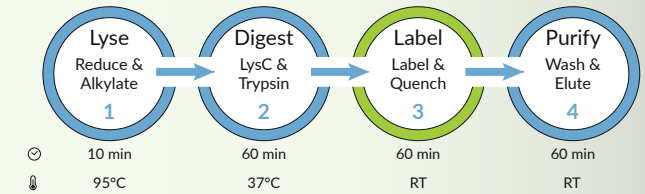
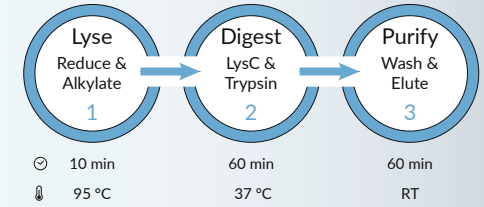
### Sample Preparation

#### iST Kit

- excellent sensitivity for 1-100 µg
- reproducible, reliable & robust
- fast & versatile with various sample types
- proprietary peptide cleanup avoids MS downtime

#### iST-NHS Kit

- all advantages of iST Kit
- convenient labeling within the iST workflow
- from starting material to clean & labeled peptides in less than 4 hours
- saves 50% labeling reagent



## SAMPLE TYPES

- Cell lines
- Fresh & FFPE tissues
- Body fluids (serum, plasma, CSF, urine)
- Bacteria & yeast



## CONTACT

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See our YouTube Channel for a full PreON demo.