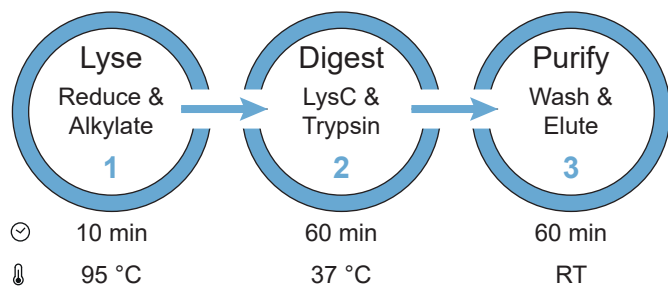


Standardized sample preparation for MS-based proteomics

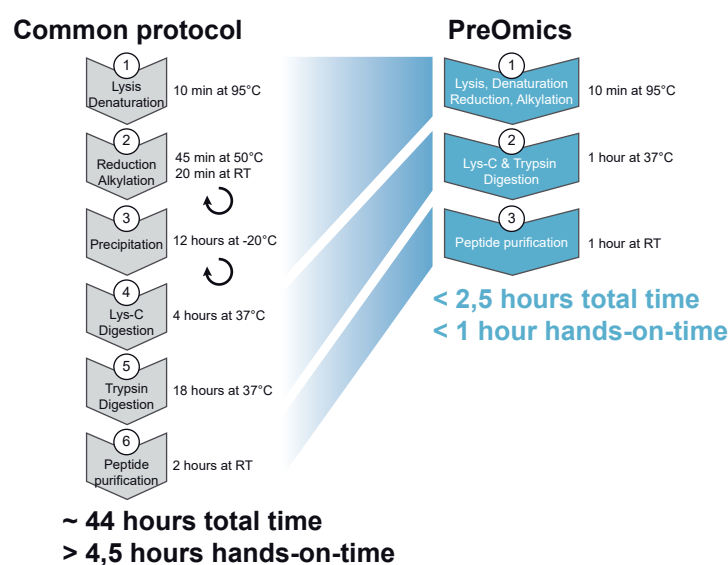
iST technology



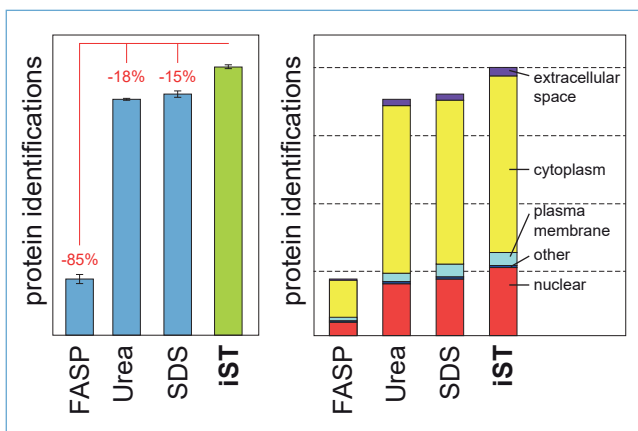
PreOmics is a spin-off from the Matthias Mann lab at the Max Planck Institute of Biochemistry. We develop and provide innovative technologies for mass spectrometry-based proteomics for faster, easier and more reliable results than ever before.

How does the iST Kit work?

Our inStageTip (iST) Kit enables a robust and reproducible sample preparation with a significant time advantage (>40 hrs saved) compared to common protocols. The iST technology is suitable for integration within semi-automated high-throughput sample preparation workflows.



Customer validation indicates the highest level of protein identifications and no functional bias when compared to other common proteomic sample preparation methods.



Products: Sample Cleanup

Phoenix Peptide Cleanup Kit

removes detergents, polymers, salts, lipids and more

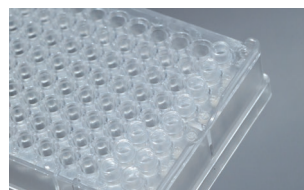


Phoenix 96x
P.O.00023 | EUR 1599

- exceptional peptide recovery
- simple-to-use, sensitive and fast
- ready-to-go aliquots for best quality

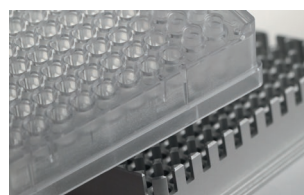
Products: Accessories for iST

for high-throughput sample processing



96well adapter
P.O.00002 | EUR 150

- for MTP plate centrifuges
- two adapters



Heating shaker adapter
P.O.00004 | EUR 1080

- for MTP plate shakers
- compatible with automated liquid handling platforms
- optimal heat transfer to iST cartridge

All items are available directly from PreOmics, please contact us at order@preomics.com.

We offer worldwide shipping from our warehouses in Germany and the USA.

Am Klopferspitz 19, 82152 Martinsried, Germany
Phone: +49 (0) 89 2314 1630
info@preomics.com
www.preomics.com

Products: Sample Preparation

iST Kits

compatible with label-free and metabolic labeling



iST 8x
P.O.00001 | EUR 299

- all-in-one for any starting material
- simple-to-use, sensitive and fast
- ready-to-go aliquots for best quality



iST 96x
P.O.00027 | EUR 2590

- all advantages of the iST 8x
- high-throughput applications
- compatible with automated liquid handling platforms

compatible with chemical labeling (iTRAQ, TMT)



iST-NHS 12x
P.O.00026 | EUR 449

- all-in-one for any starting material
- simple-to-use, sensitive and fast
- ready-to-go aliquots for best quality



iST-NHS 96x
P.O.00030 | EUR 2590

- all advantages of the iST-NHS 12x
- high-throughput applications
- compatible with automated liquid handling platforms

AP-MS Sample preparation of GFP-fusion proteins



iST GFP-Trap 8x
gtak-iST-8 | EUR 450

- GFP-Trap coupled to agarose beads
- manage co-IP & MS sample prep
- ready-to-go aliquots for best quality

available via our partner [ChromoTek GmbH at www.chromotek.com](http://www.chromotek.com)

Benefits of iST Kit

robust & sensitive

- high reproducibility: $R^2 > 0.9$
- working range: 1-100 µg protein input
- increased peptide & protein identifications

rapid results

- 1 hour hands-on time
- single-step lysis, reduction and alkylation
- all-in-one solution, all reagents provided

cleanest peptide samples

- dual cleanup step removes hydrophilic & hydrophobic contaminants
- results in ready-to-measure peptides
- compatible with standard lab equipment

applications

- proteome discovery
- validation of biosimilars
- immunoprecipitations
- absolute & relative quantification

sample types

- cell lines
- fresh & FFPE tissues
- body fluids (serum, plasma, CSF, urine)
- antibodies & host cell proteins
- bacteria, yeast & plant tissues

Customer Statements



"We tested PreOmics' iST Kit and were amazed by the results. The number of identified peptides and proteins was 20-30% higher compared to what is achieved using our standard lab procedure. Using the iST Kit enables you to start processing your samples in the morning and have them ready for LC-MS in the afternoon."

Dr. Manuel Tzouros, Project Leader, Discovery Proteomics, Roche Innovation Center, Basel, Switzerland



"Using this new sample preparation technology, we increased the efficiency of tryptic peptide cleavage and obtained better identification rates in our samples. In addition, the short hands-on-time for the entire workflow, as well as the comparatively low amounts of starting material, now enable us to process more and be more time-efficient."

Dr. Andreas Tebbe, Head of Mass Spectrometry, Evotec Munich



"Our researchers happily rely on the PreOmics iST kit knowing that they will have stabilized the sources of technical variations, permitting them to focus on the biology of our precious samples. The PreOmics team has worked closely with our researchers to consult with us on our unique biological questions and concerns"

Dr. Sasha Singh, Director Proteomics Research, Brigham and Women's Hospital, Harvard Medical School, Boston, USA

high protein identifications

