

CHANGING THE WAY SCIENTISTS ANALYZE PROTEINS



SIMPLE WESTERN

Gel-free, blot-free, hands-free capillary-based immunoassay platforms.

- Separate and analyze 2-440 kDa proteins by size or charge
- Multiplex across 3 channels: chemiluminescent, IR and NIR plus Protein Normalization
- Picogram-level sensitivity with just 3uL (Jess, Abby, Wes), 5uL (Sally Sue, Peggy Sue), or 12uL (Peggy Sue, NanoPro 1000) of sample for charge-based separation
- Up to 25 samples in 3 hours (Jess, Abby, Wes) or 96 data points in an overnight run (Sally Sue, Peggy Sue, NanoPro 1000)
- RePlex: Run two immunoassays within the same capillary to get more data per sample
- Total Protein Detection: Normalize protein expression data with confidence



REPRODUCIBLE



QUANTITATIVE



FAST

SINGLE-CELL WESTERN

Single-cell protein heterogeneity analysis.

- Analyze protein expression in ~1,000 single-cells in 4 hours
- Quantitate variation in protein expression, protein isoform heterogeneity and rare cell subpopulations
- Profile heterogeneity, validate single-cell RNAseq data, measure gene editing efficiency or simplify phospho-flow signaling studies



SINGLE CELL



QUANTITATIVE

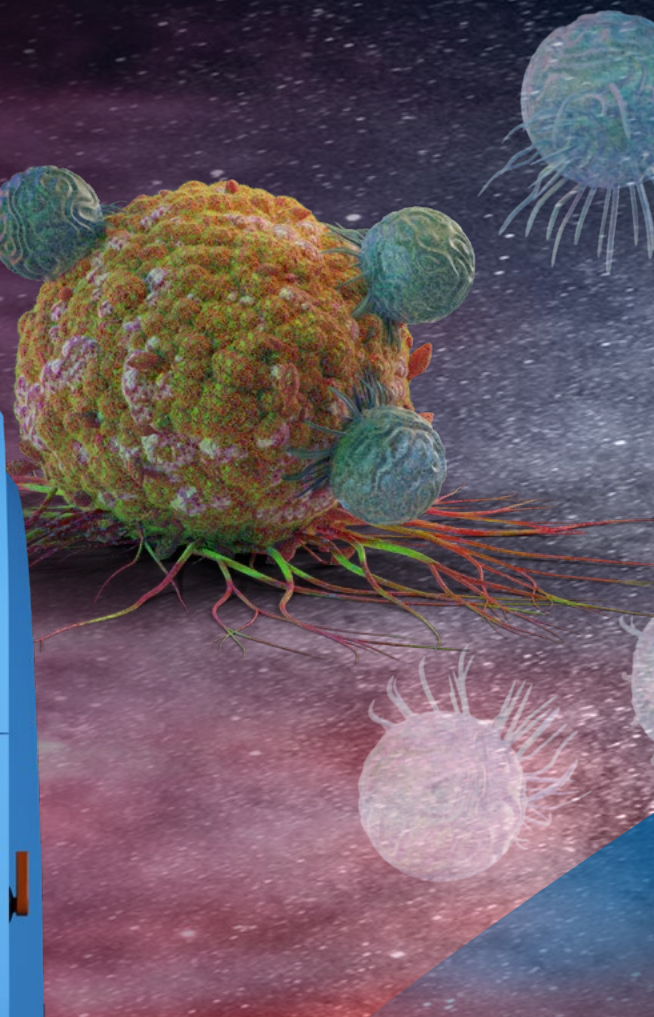
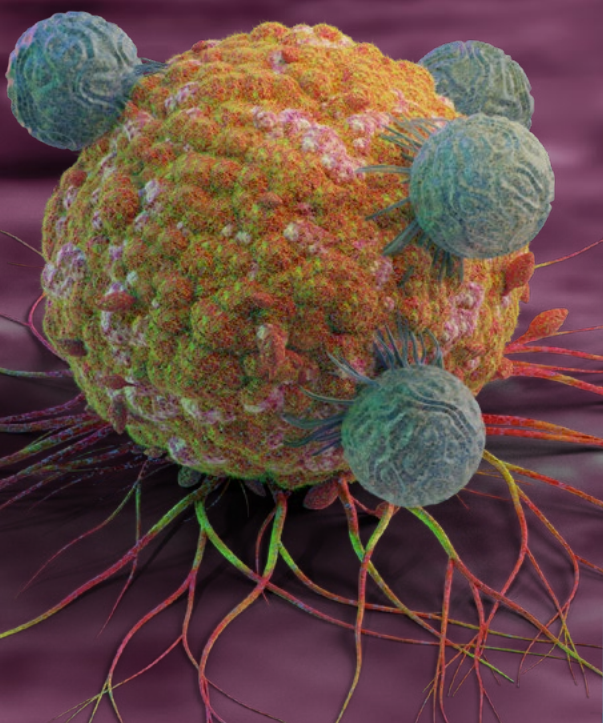


EASY TO USE



FLUORCHEM™

Sensitive and rapid gel and membrane imaging.



APPLICATION FLEXIBLE

- Detect infrared fluorescence, multiplex fluorescence, chemiluminescence, colorimetric or mix it up with a bit of everything!



EASY TO USE



SENSITIVE

SIMPLE PLEX

Hands-free, sensitive and reproducible immunoassays.



FAST



SENSITIVE

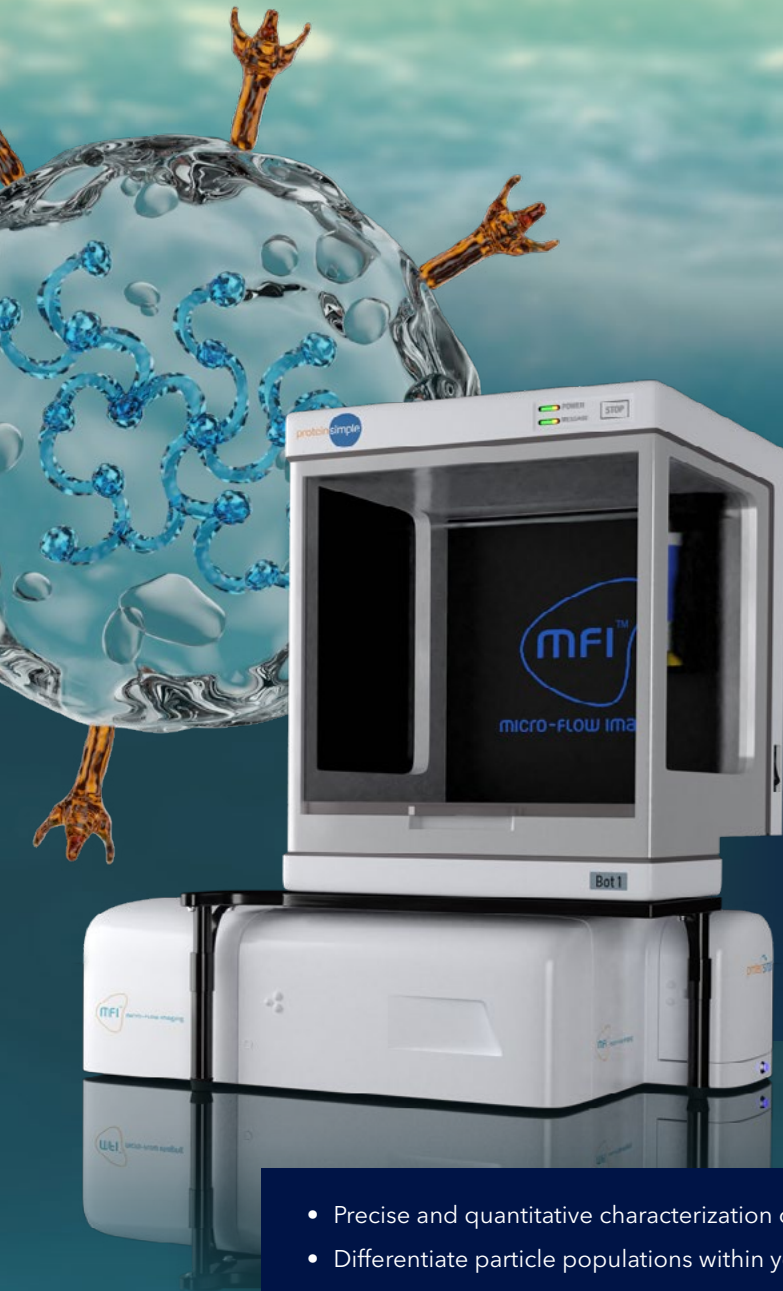


REPRODUCIBLE

- Customizable assay cartridges measure up to 8 analytes per sample
- Only 25 μ l of sample is required, preserving precious sample volume
- Factory calibrated standard curve delivers consistent quantitation
- Setup takes less than 15 minutes with analyzed results in just 90 minutes

MICROFLOW IMAGING

Subvisible particle analysis for biopharmaceuticals.



DETECT



CLASSIFY



OPTIMIZE

- Precise and quantitative characterization of particle size, concentration and morphology
- Differentiate particle populations within your sample
- Measure translucent protein aggregates
- Automate runs for up to 96 samples
- Get quantitative data in less than 10 minutes per sample

iCE™ & MAURICE

Reproducible, quantitative analysis of identity, purity and heterogeneity profiles for your therapeutic proteins.



REPRODUCIBLE



HIGH RESOLUTION



FAST



- Automated, high-resolution protein profiling by charge (cIEF) or size (CE-SDS)
- Development of platform methods in a day
- Acquire pI and charge heterogeneity data in less than 10 minutes and CE-SDS data in 35 minutes
- Simultaneous absorbance (iCE3) and native fluorescence (Maurice) detection capabilities for cIEF. Absorbance detection for CE-SDS
- Analyze up to 100 injections by cIEF or 48 injections by CE-SDS per run



WHERE SCIENCE INTERSECTS INNOVATION™

At ProteinSimple, we're changing the way scientists analyze proteins. Our innovative product portfolio helps researchers reveal new insight into proteins, advancing their understanding of protein function. We enable cutting-edge research to uncover the role of proteins in disease and provide novel approaches to develop and analyze protein-based therapeutics. We empower you to make your next discovery by eliminating common protein analysis workflow challenges.

For more information visit or contact us at:

Toll-free: 888 607 9692

Tel: 408 510 5500

info@proteinsimple.com

proteinsimple.com

bio·techne®

bio-techne.com

R&D SYSTEMS

NOVUS
BIOLOGICALS

TOCRIS

proteinsimple

A&D

exosomed_x

Global info@bio-techne.com bio-techne.com/find-us/distributors TEL +1 612 379 2956 North America TEL 800 343 7475
Europe | Middle East | Africa TEL +44 (0)1235 529449 China info.cn@bio-techne.com TEL +86 (21) 52380373

For research use or manufacturing purposes only. Trademarks and registered trademarks are the property of their respective owners.

BR_PS Product Family_STRY0133509