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Bio-Techne Introduces New Member of the Simple Western™ Family, with IR/NIR Detection Capabilities

MINNEAPOLIS, July 24, 2018 /PRNewswire/ -- Bio-Techne again disrupts protein analysis technology with the introduction of the newest member of their ProteinSimple-branded Simple Western family, Jess. This evolutionary technology simplifies protein expression analysis, while speeding up time to result. Jess automates both the protein separation and immunodetection elements characteristic of traditional protein analysis techniques, eliminating many of the tedious, error-prone steps. Samples, antibodies and reagents are loaded into a microplate and Jess then separates proteins by size, and precisely manages antibody additions, incubations, washes and even detection. In about 3 hours, she will analyze up to 25 samples, giving researchers quantitative, size-based data in just a few clicks.

Jess builds on current Simple Western technology—her chemiluminescent detection gives picogram-level sensitivity, enabling researchers to maximize the data they obtain from their samples. New fluorescent modes enable the detection of wavelengths in the infrared and near-infrared spectrum, bringing definitive multiplexing capabilities to the Simple Western platform for the first time. Additional features include an in-capillary protein normalization reagent and a Western blot imaging system for traditional blotting membranes.

"Jess expands our Simple Western platform, offering even more choice for researchers that want reliable, reproducible protein analysis," commented Bob Gavin, Senior Vice President of ProteinSimple. "She's like Western blot meets ELISA in one, delivering speed and simplicity to researchers."

"Bio-Techne is leading the charge in advancing and simplifying scientific discovery with our cutting-edge technologies and experimental tools. Traditional Western blotting techniques have been stagnant for decades and we're excited to innovate this age-old method with our Simple Western technology," commented Chuck Kummeth, President and Chief Executive Officer of Bio-Techne. "Jess not only speeds scientific discovery but also improves the quality and reliability of protein analysis for researchers."

Meet the newest member of the Simple Western family at www.proteinsimple.com.

[About Bio-Techne Corporation](#) (NASDAQ: TECH)

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