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Press Release:

FOR IMMEDIATE RELEASE

Worldwide launch of the MonoLyser™ - World's fastest sample lysis system

Ground breaking sample lysis system, processes most difficult samples in five seconds or less

The new MonoLyser™ from RotaPrep, Inc. is designed for the ultra-fast, grinding, homogenization, and lysis of the most difficult-to-lyse samples. The MonoLyser™ allows researchers to perform quantitative lysis for the best quality DNA, RNA, and protein extractions out of a variety of samples such as gram positive microbes, spores, seeds, plants, animal and human tissues, bones, teeth, feces, forensics, soils and sediments and others. Typical lysis time for processing sample to quantitative lysate is 5 seconds or less. This hand-held system, processes samples in a standard 2ml screw-capped disposable tube, and is equally suitable for use in the laboratory or in a field setting, can utilize any existing lysing matrix/grinding medium. Samples can be processed in an extraction buffer or dry, and the lysate or homogenate is suitable for any form of downstream processing or analysis such as for bind-wash-elute or magnetic capture purifications of nucleic acids and proteins, PCR, sequencing, electrophoresis and blotting, and HPLC analysis. The product is an ultra low cost alternative for high end instruments for low to medium throughput labs and is the only high performance homogenizer/lysis system for a field use.

The MonoLyser™ is made by RotaPrep, Inc., an emerging company in the area of life science sample preparation for academic, industrial, and government applications. With team core expertise and multi-year experiences in sample prep product, microfluidics and systems integration, RotaPrep combines its innovative technologies with a specialization in front end sample preparation in life sciences.

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