

For Immediate Release

Study Validates Analysis of Copy Number Variation in Miniaturized Reaction Volumes

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ALEXANDRIA, MN -- 01/26/16 – Douglas Scientific®, a rapidly growing laboratory automation company, announced the presentation of a poster detailing analysis of pharmacologically important Copy Number Variation (CNV) in a miniaturized reaction volumes on the IntelliQube®. The poster was presented at the 2016 Society for Laboratory Automation and Screening (SLAS) Annual Scientific Meeting on January 23 in San Diego, CA. The poster can be accessed at www.douglasscientific.com/Content/pdfs/Douglas-Scientific-IQAPP-CNV-poster.pdf.

The poster presents data showing that the IntelliQube using the innovative Array Tape® consumable produces accurate and reproducible CNV results consistent with those generated using standard plate-based methods and instruments. The study also showed that when comparing IntelliQube with other plate-based PCR instruments, the miniaturization of reactions in Array Tape offers a 68% reduction in cost per data point with further cost savings possible through more efficient use of laboratory personnel.

Dr. Luke Linz, co-author of the study commented, "Taken together, these results demonstrate that the IntelliQube produces accurate and reproducible CNV data in Array Tape. The IntelliQube offers laboratories a compelling new high throughput alternative to traditional PCR-based CNV techniques."

About Douglas Scientific

Douglas Scientific, LLC is a rapidly growing laboratory automation company located in Alexandria, MN, with a team of over 100 professionals bringing together expertise in engineering, biosciences, automation, motion control, and other fields. At the core of Douglas Scientific is a dedication to making the world a better place by delivering innovative laboratory automation solutions. Douglas Scientific designs and manufactures a full line of laboratory instrumentation—Nexar® and IntelliQube systems—to enable PCR reactions using Array Tape.

As a leading automation company delivering on its mission, Douglas Scientific has enabled laboratories around the world to leverage the patented Array Tape consumable. This innovative microplate replacement consists of a continuous polymer strip embossed with microliter wells that can be used in a variety of laboratory applications. As a result, scientists worldwide have processed billions of samples in the areas of plant genomics, animal health, clinical diagnostics and pharmaceuticals at unprecedented speed and fractional costs. By partnering with the most creative and dedicated scientists around the world, the company continues to deliver advancements to address several imminent global issues and challenges.

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