Agilent announces new Library Prep System for NGS

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Fully automated Magnis system delivers reproducible results for molecular laboratories

Agilent Technologies, Inc. recently announced a new next-generation sequencing (NGS) library preparation system designed to easily run complex DNA sequencing assays with the press of a button.

The fully automated Magnis NGS Prep System includes reagents and protocols that make it easy to assay multiple genes and complex genetic aberrations from genomic DNA, including degraded samples such as formalin-fixed paraffin embedded (FFPE).

Providing a complete solution for NGS library preparation, the Magnis system is fully automated and delivers reproducible results with one-day turnaround time. It has been designed to run complex NGS library assays with minimal technical knowledge and hands-on time.

Incorporating self-detection and tuning capabilities, the Magnis system also comes with pre-aliquoted reagents and pre-set protocols. It is fully compatible with Agilent's SureSelect XT HS library prep workflow, allowing molecular barcode-based error correction, as low as 10ng of DNA input, and optimized performance for poor-quality specimens.