

## Exome kits, software for next-gen sequencing, 4/13:84

Agilent Technologies' HaloPlex exome kits and SureCall software complement the company's Web-based SureDesign interface and custom HaloPlex gene panels to provide a complete, integrated workflow.

The HaloPlex exome kit comprises about 2.5 million probes to provide comprehensive coverage of the coding regions of the human genome with minimal hands-on time. The kit requires only 200 ng of input DNA.

SureDesign, which has logged more than 15,000 designs since being launched in October, allows clinical researchers to create custom panels tailored to their needs. With this interface, researchers can quickly generate flexible designs for high-performance, targeted resequencing, using Agilent's HaloPlex and SureSelect systems. In three simple steps, researchers can create custom sequencing panels for specific projects. To provide confidence in the analysis, any custom gene-sequencing panel can be created based on the 2.5 million probes from the HaloPlex exome kit.

SureCall data-analysis software is designed to maximize clinical laboratory throughput by simplifying the analysis workflow for next-generation sequencing data. The software is fast, reliable, and easy to use, with a three-step workflow process that translates raw data into a report with genetic variants classified and ranked in hours. Its end-to-end capabilities allow clinical researchers to focus on their results, rather than analysis processes, by eliminating the expensive, time-consuming data-analysis bottleneck.

**Agilent Technologies**, 877-424-4536