

Reagent kits, 12/14

December 2014—Illumina announced new reagent kits for the HiSeq X Ten and HiSeq 2500 sequencing systems. For HiSeq X Ten Systems, the HiSeq X HD v2 Reagent Kit adds flexibility to population-scale human whole-genome sequencing by supporting an expanded menu of library preparation options. The HiSeq X Ten System also supports the TruSeq DNA PCR-Free Sample Preparation Kit, which eliminates amplification during library preparation for coverage of challenging genomic regions with a shortened gel-free workflow.

For HiSeq 2500 Systems, the HiSeq Rapid v2 Reagent Kit allows the generation of 2 × 250 base pair, paired-end reads and delivers up to 300 gigabases of data in 60 hours using rapid run mode. The expanded read lengths provide researchers with the ability to accurately identify gene fusions and tackle more metagenomics and de novo assembly projects. The reagents further increase the range of sequencing applications available on the platform and create opportunities for studies in agrigenomics, microbial genomics, cancer genomics, and other areas. The enhancements will work on all HiSeq 2500, HiSeq 1500, and upgraded systems.

[***Illumina***](#), 858-202-4500