Pan-ethnic solution for carrier status research, 6/17

June 2017—Thermo Fisher Scientific released its CarrierScan Assay, a high-throughput, microarray-based assay that provides molecular genetics laboratories with a consolidated and automated single pan-ethnic solution for expanded carrier status research. The solution enables laboratories to assess genomic variation associated with more than 600 genes involved in inherited diseases, such as cystic fibrosis and thalassemia. It is designed to detect more than 6,000 mutations, including bi-allelic and multi-allelic single nucleotide variants, indels, and copy number variations in challenging regions such as highly orthologous genes and pseudogenes.

The assay runs on the Applied Biosystems GeneTitan Multi-Channel instrument. Laboratories have the choice of manual or automated sample preparation for flexibility to meet specific productivity needs. The assay is customizable for the particular genetic diversity that is being studied. The CarrierScan Reporter software for rapid and simple analysis and annotation is also available at no additional cost.

Thermo Fisher Scientific*, 760-603-7200*