



New Products Posted to GenomeWeb This Week: Diatech Pharmacogenetics, Helix, Helomics, and NuGen Technologies

Diatch Pharmacogenetics EasyPGX kits, Helix cfDNA kit

Diatch Pharmacogenetics, an Italian molecular diagnostics firm, has launched a line of PCR-based oncology kits and a kit to detect circulating free DNA. The easyPGX line of PCR kits includes assays for the detection of KRAS, NRAS, BRAF, EGFR, involved in many solid tumors, of DPYD and UGT1A1 variants associated with toxicity upon Fluoropyrimidines and Irinotecan treatment respectively, and a Thyroid panel. The sensitivity of the assays is as low as 0.5 percent, the firm said, and the starting material can be DNA extracted from fresh, frozen, and formalin-fixed paraffin-embedded tissues and plasma, as blood for the DPYD and UGT1A1 kits. Reagents are delivered in eight-well strips pre-loaded with a complete master mix in a dry format that is stable at room temperature. The tests have a turnaround time, including deparaffinization and lysis, of less than 3 hours, requiring less than 10 minutes of hands-on time. The Helix kit for cfDNA can be used with 1 to 5 ml of fresh or frozen plasma and has a turnaround time of less than 3 hours.