

## SNP kits

Panomics has introduced a series of new **SNP mutation detection kits for genotyping**. The targeted diseases include: Factor II (prothrombin) mutation, Factor V Leiden, MTHFR mutation, drug-resistant hepatitis B virus, cystic fibrosis, b-thalassemia and hemochromatosis. This technology employs a simple method. The DNA sample of interest is amplified along with a reference of known genotype using specially designed, biotinylated primers. During PCR, a Holliday junction forms at the SNP site. If the target and reference duplexes share the same genotype, the Holliday junction resolves into double-stranded DNA; if the genotypes differ, the Holliday junction stabilizes. The assays are said to be 100% accurate, are easy to use, high throughput and offer multiplexed mutation detection.

Tel. (+1) 877-726-6642 (USA and Canada)  
<http://www.panomics.com>

## Antibodies/ELISAs



Tools of the trade for vascular research.

Technoclon monoclonal antibodies, proteins, plasma proteins, ELISAs and other **products for research on vascular diseases** are now available in North America from Axxora. The line-up includes a complete range of fibrinolysis assays, as well as products for coagulation, thrombosis and lipid metabolism research. Among the fibrinolysis products are plasminogen activators t-PA, u-PA and sscu-PA, as well as plasminogen and inhibitors. Thrombophilia products include tests for protein C, protein S, Lp(a), PAI-1 and factors XII and V Leiden. A D-Dimer ELISA and latex-enhanced assay are among the thrombosis kits offered. Both direct and precipitation tests for LDL and HDL, including LDL and HDL controls, are also available.

Tel. (+1) 858-550-8830/(+1) 800-550-3033  
<http://www.axxora.com>

## Handy gadgets



Inoculating with ease—see Bel-Art Products.

The Scienceware **inoculating turntable** from Bel-Art Products is designed to produce nearly concentric circles of evenly distributed bacterial colonies on three popular sizes of Petri dishes. The turntable is lightweight, sturdy and chemically resistant. The company says that the ball-bearing turntable provides a smooth, even motion for consistent distribution of the cultures. The device accommodates three sizes of Petri dish: 60-, 95- and 100-mm diameter.

Tel. (+1) 973-694-0500/(+1) 800-4BELART  
<http://www.bel-art.com>

## Transfection tools

Qbiogene's new **cationic polymer-based transfection reagents** are specially formulated to increase transgene expression while reducing cellular cytotoxicity. Designed for the safe and efficient transfection of plasmid DNA, CytoPure transfection reagent biodegrades into small, non-toxic molecules upon entry into the cell. The reagent is available in two formulations: CytoPure-cmn for mammalian cells such as 293T, Cos7 and HeLa; and CytoPure-huv for use with HUVEC and other primary and difficult-to-transfect cells.

Tel. (+1) 760-929-1700/(+1) 800-424-6101  
<http://www.qbiogene.com>

## Thermal cycling



Interchangeable sample block for thermal cycler.

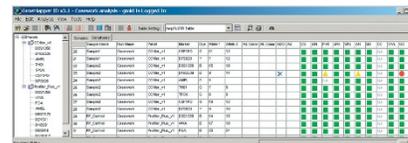
The new MJ Research Moto Alpha **interchangeable sample block** (designed for

use with any thermal cycler in the DNA Engine line) is designed to provide reliable plate positioning and sealing whether integrated into a robotic walk-away system or as a standalone unit. Sealing force is specified in the software by the user and the force is actively monitored for reproducible, high-pressure sealing. The company says that evaporative loss is minimized, even for low-volume cycling reactions. A non-stick block, with a plate lifter and lid-mounted ejectors, ensure that the plate is always positioned for easy removal.

Tel. (+1) 888-735-8437

<http://www.mjrc.com>

## ID software



ID software from Applied Biosystems.

Applied Biosystems' new GeneMapper ID Software v3.1 combines features from GeneScan and Genotyper software in a single convenient **fragment analysis software package**. An integral component of the complete system of reagents, instruments, software and support for human identity testing, GeneMapper ID Software v3.1 is designed specifically for forensic casework, establishing convicted offender and population databases, performing parentage testing, tracking specimens, and identifying missing persons, military personnel, and mass disaster remains. GeneMapper ID Software v3.1 provides accurate and reliable allele calls and a streamlined, user-friendly interface. It has also been verified for use on ABI PRISM genetic analysis instruments, validated for use with human identification applications. Process quality values (PQVs) measure the overall quality of sample genotypes and produce graphical color-coded 'flags' that indicate a potential cause of ambiguous genotype calls. In addition, built-in automated concordance checks for controls and markers common to various AmpFLSTR PCR amplification kits, measure data integrity before results are exported in a CODIS-compatible format.

<http://www.appliedbiosystems.com>