

New Products

**Eppendorf**

For information +49-40-53801-0
www.eppendorf.com

Automated Pipetting Systems

The epMotion 5075 TMX features an integrated Thermomixer to shake and heat or cool sample tubes and plates. The Thermomixer's orbital shaking and balance of speed and mixing radius optimize resuspension of bacteria pellets and beads. It prevents droplets from collecting on the side of tubes or plate wells, eliminating the need for additional centrifugation steps. It features a pipetting range from 1 to 1,000 µl, automated loading of the Thermomixer, and 12 worktable positions to provide walkaway automation. It saves time by automating all heating steps for lysis and incubation.

PCR Reagent

The SsoFast EvaGreen Supermix reduces the time needed to get quantitative polymerase chain reaction (qPCR) results from 40 minutes to 30 minutes. Part of a next-generation family of high-performance, real-time PCR reagents, the supermix speeds qPCR cycling protocols through instant polymerase activation, optimal primer binding, and rapid polymerization kinetics. The combination of Bio-Rad's patented hot-start Sso7d fusion protein technology, optimized buffer, and EvaGreen dye increases the product's reliability and sensitivity. Its reproducibility enables efficient and accurate quantification of gene targets over a broad range of expression levels.

Bio-Rad Laboratories

For information 800-424-6723
www.bio-rad.com/supermixes

Genetic Analysis System

The new EP1 system for genetic analysis provides the efficiency of integrated fluidic circuit (IFC)-based genotyping in a desktop-sized configuration at an affordable price. When used with Fluidigm Dynamic Arrays, the system provides superior data quality and a fast, easy workflow. It delivers high-quality single nucleotide polymorphism genotyping results, with better than 99 percent call rates and 99.75 percent accuracy. It can provide up to 9,216 data points per IFC chip with results in four hours. The EP1 system, which includes an IFC controller, standalone thermal cycler, and end-point reader, provides more than 27,000 genotypes a day. More IFC controllers and thermal cyclers can be used in conjunction with a single EP1 Reader to generate more than 200,000 genotypes in a day.

Fluidigm Europe

For information +33-44-259-3861
www.fluidigm.com

TaqSelect DNA Polymerase

TaqSelect is a high-purity, high-activity Taq polymerase that contains a specially formulated stabilizer and enhancer to provide outstanding performance in genotyping and routine polymerase chain reaction (PCR). It contains an optimal concentration of magnesium to enhance

PCR results and allows direct gel-loading after PCR. Formulated as a 2X premix, it does not contain deoxynucleotides, allowing the user greater flexibility.

Lucigen Corp.

For information 608-831-9011
www.lucigen.com

DNA Isolation Kit

The BiOstic FFPE Tissue DNA Isolation Kit is for extraction of DNA from formalin-fixed paraffin-embedded (FFPE) tissue. The kit features a fast and safe method to directly melt the wax away from tissues without the use of solvents such as xylene to deparaffinize the tissue. This gentle method achieves high DNA yields. The recovered DNA is pure and free from contaminants that can have an adverse effect on detection sensitivity and amplification efficiency. Genomic DNA extracted with the kit can be used in real-time polymerase chain reaction, single nucleotide polymorphism genotyping, and other genetic analysis methods. The BiOstic Paraffin Removal Reagent is a nonhazardous, nontoxic alternative to xylene that can be used with the FFPE Tissue DNA Isolation Kit.

Mo Bio Laboratories

For information 800-606-6246
www.mobio.com

Genomic DNA Labeling Kit

The Genomic DNA labeling kit offers a fast, simple protocol for use in cytogenetic arrays. The kit contains Cy3 and Cy5 dyes for dual-color hybridizations and makes use of a unique buffer formulation to achieve more efficient use of reagents without loss of signal intensity. The kit contains everything required for the protocol, including nucleotide mix, random primers, enzymes, cleanup columns, and collection tubes. The manufacturer offers analysis software to allow easier interpretation of results with data exchange for comprehensive, state-of-the-art cytogenetic profiling and comprehensive customer training.

Oxford Gene Technology

For information +44-1865-856828
www.ogt.co.uk

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