**Differential Analysis Software**
DeCyder MS Differential Analysis Software enables bench scientists to complete liquid chromatography–mass spectrometry (LC/MS)–based differential protein analysis without the need for mass-tag chemistry. DeCyder MS enables researchers to visualize never-before-seen differences and trends in their LC-MS/MS data, improves productivity by reducing the time spent on data evaluation, and increases accuracy by reducing user-to-user variation. The software represents LC-MS data as two-dimensional or three-dimensional signal intensity maps, enabling researchers to visualize trends, post-translational modifications, and other differences between large data sets. All the acquired MS/MS data remains embedded in the signal intensity maps and can be used for optional protein identification. Although peptide and protein profiling experiments can generate large amounts of experimental data, evaluation of the data can take days or even weeks. DeCyder MS allows automated analysis to be completed in a fraction of the time. Statistical analysis can be carried out on all peptide peaks within minutes. 

**GE Healthcare** For information 732-457-8056 www.gehealthcare.com

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**Trypsin Kit**
The In-Solution Tryptic Digestion and Guanidination Kit contains a proteomics-grade modified trypsin that produces clean, complete digests with minimal autolysis products present. The kit allows a researcher to reduce, alkylate, digest, and guanidinate a 0.025 µg protein sample in one day. 

**Pierce** For information 800-874-3723 www.piercenet.com

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**Genotyping Product Line**
A broad line of MegAllele assays for targeted single nucleotide polymorphism (SNP) genotyping applications has been introduced. The assay products work with the GeneChip Scanner 3000 with a newly available MegAllele four-color capability, to easily and cost-effectively genotype panels containing up to 10,000 custom or pre-defined SNPs. The flexible assays offer researchers the ability to focus on specific regions of the genome more quickly and in greater detail. Available as both a complete system and an upgrade to existing systems, the GCS 3000 MegAllele System features a four-color scanning capability, peripheral instrumentation, software, computer hardware, reagent kits, and arrays for the full range of custom and application-specific genotyping experiments. 

**Affymetrix** For information 408-731-5791 www.affymetrix.com

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**Immunoblotting Substrates**
Two new, high-sensitivity chemiluminescent substrates are available for protein immunoblotting applications. The inexpensive Immobilon Western HRP and AP Chemiluminescent substrates provide high signal response at mid-femtogram levels. Primarily used in protein immunoblot and dot/slot/blotting applications, each substrate has a high signal intensity to facilitate the detection of both high and low abundance proteins. The substrates offer lower consumption of antibodies. The substrates are compatible with polyvinylidene fluoride and nitrocellulose membranes as well as commonly used buffers and blocking reagents.

**Millipore** For information 800-MILLIPORE www.millipore.com/immobilon

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**Gel Documentation**
GeneFlash USB is the first gel documentation system to make use of USB memory device technology to accurately record gel images that are both PC and Mac compatible. The GeneFlash USB comes complete with a compact darkroom and enclosed camera, all linked to a graphical user interface and USB memory drive. This allows scientists to quickly and easily capture and assess full color images on a large screen. These high-quality images can be printed directly from the system with any printer or stored on a USB memory device. Molecular biologists can save time by using a USB memory device because they can acquire images without having to download files to floppy disks or ZIP drives. The system’s darkroom can accommodate any transilluminator.

**Syngene** For information 800-686-4407 www.syngene.com

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**Improved Antibody**
An improved version of the Anti-FLAG M2 Affinity Purified Antibody exhibits several compelling performance benefits, including enhanced specificity and sensitivity. It offers improved stability in a number of standard immunostaining procedures, including protein immunoblot, dot blot, immunocytochemistry, flow cytometry, immunoprecipitation, and enzyme-linked immunosorbent assay. The FLAG protein expression system is one of the leading fusion tag systems for purifying and detecting recombinant proteins.

**Sigma-Aldrich** For information 314-286-7431 www.sigma-aldrich.com

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**Biohazard Microcentrifuges**
The Seward Clear-spin 10K and 12K microcentrifuges offer safety and convenience when working with biohazardous samples. Low-cost and easily replaceable rotors and disposable tube carriers feature certified hermetic sealing in a clear, chemical-resistant and biohazard-resistant plastic to ensure protection before, during, and after processing. The carrier also functions as a storage rack to minimize handling and pellet disturbance. An integrated strobe light allows the user to view samples during centrifugation and can be programmed to the rotor speed to watch individual samples.

**Brinkmann Instruments** For information 800-645-3050 www.brinkmann.com

Newly offered instrumentation, apparatus, and laboratory materials of interest to researchers in all disciplines in academic, industrial, and government organizations are featured in this space. Emphasis is given to purpose, chief characteristics, and availability of products and materials. Endorsement by Science or AAAS of any products or materials mentioned is not implied. Additional information may be obtained from the manufacturer or supplier by visiting www.science.labvelocity.com on the Web, where you can request that the information be sent to you by e-mail, fax, mail, or telephone.
New Products
(August 25, 2005)
Science 309 (5739), 1395. [doi: 10.1126/science.309.5739.1395]

Editor's Summary

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