AMBER BOTTLES
BrandTech proudly introduces a selection of safety coated amber bottles to be used with our Dispensette and seripettor dispensers and Titrette bottletop burettes. Bottles are made of soda-lime glass with a LDPE pouring ring and polypropylene screw cap. Ethylene acrylate coating helps contain contents in case of accidental breakage. Available in 250 mL, 500 mL, and 1 L sizes.
BrandTech
For info: 800-522-2726 | www.brandtech.com

CRYOGENIC SAMPLE VIALS
CryoELITE 0.5 mL Vials are specifically designed for storing biological specimens at cryogenic temperatures with a high integrity closure, freestanding design, and a larger footprint to assure the vials can be clearly marked for identification. Ideal for optimizing sample recovery, the CryoELITE 0.5 mL Vials provide the convenience and security researchers require when they collect, store, and ship biospecimens derived from humans, animals, and plants. CryoELITE 0.5 mL Vials are manufactured from low binding, cryogenic-grade virgin polypropylene that meets USP Class VI classification. The externally threaded cap has been pressure tested to withstand 15 pounds per square inch, which exceeds DOT and IATA requirements for diagnostic specimen packaging and transport, and maintains a secure seal during repeated freeze/thaw procedures. Lot-tested and certified free of pyrogens, RNase/DNase, and endotoxins, the vials offer a storage temperature range of -196°C to 121°C. CryoELITE 0.5 mL Vials are packaged and shipped sterile in cases containing 10 bags of 50 vials.
Wheaton
For info: 800-225-1437 | www.wheaton.com

LAMINAR FLOW CLEAN BENCHES
All AC4000-Series horizontal laminar flow clean benches have been upgraded to a new dual-wall design, providing a convenient space for the mounting of service fixtures and electrical outlets. Each updated clean bench, from the four-foot AC4000HLF to the eight-foot AC8000HLF, provides the same quality construction, HEPA filtration, and smooth ISO 5 horizontal laminar airflow users have come to expect from an AirClean Systems product. The thermally welded polypropylene construction of each AC4000-series laminar flow clean bench provides a seamless interior that is easy to clean. Sturdy metal stands and base cabinets are available from AirClean Systems; however, the ductless benchtop AC4000-Series clean benches can be placed on virtually any work surface with a 30° depth. The UV TecT Controller, standard on all AC4000-Series clean benches, constantly monitors HEPA filter conditions and airflow. UV TecT alerts the operator of insufficient airflow, ensuring that your workspace is in compliance with the correct clean bench standard.
AirClean Systems
For info: 800-849-0472 | www.aircleansystems.com

DNA/RNA LIBRARY PREP
The new NEBNext “Ultra” kits provide streamlined, low-input methods to prepare DNA and RNA libraries for Illumina next generation sequencing. The supplied protocols and reagents are designed to maximize useful data from a broad range of samples, including those available in limited amounts. The NEBNext Ultra DNA and Ultra RNA Library Kits produce high-yield libraries from 5 ng to 1 µg of input DNA, or as little as 10 ng of input RNA. The input RNA can be total RNA, purified mRNA, or rRNA-depleted RNA. The new Ultra kits contain novel ligation reagents, as well as the NEBNext NGS-optimized formulation of Q5 High-Fidelity DNA polymerase, which provides ultrahigh-fidelity amplification and minimized GC bias. NEB’s streamlined protocol for constructing DNA libraries with the Ultra kit requires only 15 minutes of hands-on-time, and is complete in 2.5 hours. The Ultra RNA workflow also incorporates a streamlined protocol; the workflow is complete in four to five hours, with only 30 minutes of hands-on time.
New England Biolabs
For info: 800-632-5227 | www.nebnext.com

HEATING BLOCK SYSTEM
The DrySyn MULTI allows scientists to perform safe, productive heating, and stirring experiments with the widest possible range of laboratory glassware. The DrySyn MULTI converts any standard hot-plate stirrer into a reaction block accommodating three flasks of 10 mL–100 mL or up to 12 reactions in tubes or vials. The ingenious three-way MULTI clamps make it quick and easy to secure flasks in place, while DrySyn’s shallow well shape increases reaction visibility and minimizes the possibility of glass fractures. Made of chemically resistant, anodized aluminium, DrySyn MULTI heating blocks offer excellent heating performance to over 300°C and can heat a reaction flask 25 percent faster than an oil bath. Providing excellent heating and stirring performance, but without the inherent risks and mess of an oil bath, DrySyn heating blocks help lab scientists create a safer, cleaner, and more efficient working environment. The DrySyn MULTI also offers a flexible, safe alternative to using heating mantles.
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