**PRODUCT NEWS AND LITERATURE**

**IgM isolation system**

Isolab now has available a column to separate IgM from IgG. In the procedure, a small amount (100-200 μl) of serum is diluted and absorbed onto a preconditioned, disposable column. IgC is washed off the column and IgM is eluted with a second buffer. The IgM fraction is assayed for antigen specificity by standard methods. Each kit contains sufficient reagents and columns for 20 separations.

Isolab Inc.  
Circle Reader Service Card No. 60.

**Test result reporting systems**

A four-page brochure describes the Telewriter and Omnifax systems, which are designed to cut turnaround time on lab test reports, reduce errors and document every report. Telewriter electronically transmits handwritten lab reports to key departments using custom-printed report forms. Omnifax reproduces exact duplicates of lab test results and other documents at selected receiving stations.

Telautograph Corporation.  
Circle Reader Service Card No. 62.

**Cold pack**

Polyfoam Packers Corporation announces the availability of a refrigerant pack in three different temperature formulations: -10°F, -10°F and +28°F. U-Tek™ is a eutectic gel that can be frozen in refrigerators capable of cooling to these temperature ranges. This ice substitute does not liquefy and will not leak out of its plastic bag, even if the bag is punctured. The U-Tek pouches can be shaped to the contour of the product being protected and are reusable with no loss of efficiency for repeated shipments. U-Tek packs are available in 12 and 24 oz. pouches, along with 50 stock sizes of Polyfoam insulated shipping containers.

Polyfoam Packers Corporation.  
Circle Reader Service Card No. 61.

**Urine C&S kit**

The Urine C&S Catheter Kit maintains the microbial population of a specimen for as long as 24 hours without refrigeration. After 5 ml of urine is aspirated from the sample port, the specimen is injected into an evacuated tube containing a stabilizer fluid of 0.5 ml glyceroboric acid with sodium formate buffer. The stabilizer preserves the microbial population present at collection, virtually suspending growth of organisms for up to 24 hours at room temperature. The specimen is transported to the lab in the compact, leakproof tube.

Becton Dickinson.  
Circle Reader Service Card No. 63.

**H. influenzae coagglutination test**

Definitive identification of Haemophilus influenzae and differentiation of type b from types a, c, d, e and f can be accomplished using the Phadebact®, Haemophilus Test. The coagglutination slide technique provides results visible to the naked eye usually within 2 minutes. It requires no extraction, autoclaving or other special sample preparation. A similar test for the identification of Streptococcus pneumoniae has also been recently added to the Phadebact line.

Pharmacia Diagnostics.  
Circle Reader Service Card No. 64.

**Hemoglobin electrophoresis controls**

Isolab introduces four lyophilized controls for use in the identification and quantitation of hemoglobin variants by electrophoresis. Three separate controls are heterozygous for hemoglobins F, S and C. The fourth contains known concentrations of both Hb A and Hb S in the presence of Hb A. In their lyophilized form, the controls are stable for one year. After reconstitution with distilled water, they may be used for 5 days or frozen at -20°C for 8 weeks.

Isolab Inc.  
Circle Reader Service Card No. 65.

**Hb Bart’s test**

The Alpha-Thal Screen™ quantitates Hb Bart’s (y₂) in cord blood. Elevated levels of Hb Bart’s are indicative of the presence of α-thalassemias. The test is sufficiently sensitive to distinguish between the various forms of alpha-thalassemia: α-thal-1, α-thal-2 and Hb H disease.

Isolab Inc.  
Circle Reader Service Card No. 66.
Desiccator cabinet

The Frigicator II provides dust-free storage for sensitive chemicals or electronic components. It has an airtight front door and divided sliding shelves. Two desiccant cannisters are supplied with each unit. The Frigicator II is temperature stable from −100°F to 100°F.—Streck Laboratories, Inc.

Circle Reader Service Card No. 67.

Dyes and stains for microbiology

Rowley Biochemical Institute offers a line of dyes, stains and auxiliary reagents for microbiology. Staining procedures are offered for microorganisms in smears and in tissues. Several methods for Gram’s stains, acid-fast organisms, capsules, bacterial nuclear material, negri bodies and protozoa are included. A comprehensive line of biochemical tests completes the catalog.—Rowley Biochemical Institute.

Circle Reader Service Card No. 68.

Multicomponent analysis system

The Kontron Uvikon-Lab 80™ is an integrated systems-engineered computer-aided spectrophotometer system. Included is an arithmetic processing unit, which eliminates the need for a log amplifier. A computer memory with 64K bytes allows for rigorous least squares spectral fitting and sophisticated numerical algorithms, making possible the computation of partial concentrations c₁, c₂, cₙ. A graphic output provides the user with a permanent record of the results of the analysis.—Kontron Analytical.

Circle Reader Service Card No. 69.

Proportional dispenser/diluter

The Ivek Digilutor™ high-speed dispenser/diluter delivers from five microliters to more than a liter using digital thumb-wheel switches for independent control of two liquid channels. Solid-state controlled stepping motors drive precision valveless positive-displacement pumps. Metering rates and volumes are variable, with obtainable dilution ratios of 1:1 to 10,000:1. The six-position mode selection switch allows dispensing or continuous flow from either or both pumps to facilitate fill and purge operations.—Ivek Corporation.

Circle Reader Service Card No. 72.

Blood gas quality control

Confirm™ is a nonampuled blood gas quality control system that is compatible with any type of blood gas instrument. Each container holds 45 ml of pre-equilibrated, buffered bicarbonate solutions that are physically and chemically stable. Each can of Confirm™ control is inserted directly into blood gas instruments, minimizing contamination from room air. The pressurized dispenser also controls sample insertion flow rate. This automatic, pressure-activated anaerobic sampling effectively eliminates sample preparation.—Corning Medical and Scientific.

Circle Reader Service Card No. 73.
Computerized data reduction system for RIA

Micromedic Systems offers the MACC™ (Micromedic Assay Computer Center) for use with any of the Micromedic automated gamma counters or the Concept 4™ radioassay analyzer. MACC features visual display of data via a CRT screen and a full-page print to facilitate assay evaluation. Count data can be stored for up to 7,000 tubes, and, with auxiliary disks, storage capacity is expanded to more than 45,000 tubes on-line. Stored data can be recalled and recalculated at any time for a quality check or to evaluate alternating curve-fitting methods. Quality control data storage allows trend or drift analysis, based on curve parameters and control values of the last 20 runs of each assay type.—Micromedic Systems. Circle Reader Service Card No. 74.

Automatic mixer/sampler for the Coulter S™

The Double Helix™ sampler mixes up to 18 tubes at a time and automatically feeds each sample to the Coulter S. It eliminates the repetitive steps of removing and reinserting the tube stoppers and manually presenting each sample to the Coulter S. During mixing, tubes are tilted and rotated at the same time; for sampling, an aspiration needle enters the closed tube through the stopper. A sample line is connected to the Coulter probe for sample transfer. Lines and needle are washed after each aspiration. Other features include automatic clot detection with Sample Reject option, stat capability, immediate start-up and display for operator convenience.—Cortex Research Corporation. Circle Reader Service Card No. 75.

Culture retrieval device

The Mini-Tip Culturette™ is designed for easy retrieval of cultures from small or hard-to-reach areas, such as within the eye, ear, nose, throat, urogenital tract and certain surgical fields, and when retrieving cultures from pediatric patients. A small rayon tip with a flexible aluminum wire may be extended or bent as required to reach difficult sites. Each swab assembly is housed in a standard Culturette™ tube containing an ampule of modified Stuart's transport medium.—Marion Scientific. Circle Reader Service Card No. 76.

Micro test plate for quantitative EIA/ELISA

The Nunc-Immuno micro test plates are fabricated to provide uniform adsorption of proteins, well-to-well and plate-to-plate. In addition, their optical clarity reduces background readings when used in automatic or semiautomatic analyzers. The micro test plates are 96-well flat-bottom plates with a liquid capacity of 0.4 ml per well. The micro test plates fit all current automatic and semiautomatic analyzers used to provide quantitative EIA/ELISA results.—Vangard International. Circle Reader Service Card No. 77.
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