Liothyronine Assay Kits

This T-3 radioimmunoassay kit detects liothyronine in the range of 0 to 5 nanograms per milliliter. It requires as little as 50 microliters of serum per test. It is designed for minimum cross reactivity with T-4 (less than 0.2 percent). Four freeze-dried human serum standards are provided with each kit. Kits also include all reagents, racks, disposable tubes, and caps. Amersham/Searle. Circle 864.

Transferrin Quantitation

The Trans-QUIPlate is designed for radial immunodiffusion analysis in the detection of atransferrinemia, nephrotic disease, protein-losing conditions, hypoproteinemia, and chronic iron-deficiency anemia. The kits detect in the normal range of 200 to 300 milligrams of serum transferrin per deciliter and a total range of 110 to 440 milligrams per deciliter for abnormal conditions. Each system consists of five ten-well plates, reference standards, instructions, graph paper, and a quality control data sheet. Helena Laboratories. Circle 869.

Nephelometer

The model 400 nephelometer and test procedures will perform lipase determinations in 5 minutes and amylase determinations in 10 minutes. These tests have a high degree of correlation with standard methods with a smaller coefficient of variation than manual testing. Other tests that may be performed are triglycerides, fibrinogen, and protein determinations. Volu-Spec. Circle 865.

Blood Gas Analyzer

Model 175 is fully automated and includes a self-diagnostic feature to indicate malfunctions to the operator. It measures pH and partial pressure of oxygen and carbon dioxide. Those values are then used to calculate base excess, bicarbonate, oxygen content, and saturation. It conducts a one-point calibration every 30 seconds and a two-point procedure every 2 hours. Routine throughput is 18 to 22 samples per hour. Corning Instruments. Circle 859.

Radiation Dose Calibrator

Model 888 features a plastic scintillation and/or beta-emitting isotope detector to measure the activity of gamma and/or beta-emitting isotopes. It is adaptable to use with small samples. It reads from 0.1 to 999 microcuries. Six isotope modules are supplied with each calibrator and other modules are available. The detector may be operated away from the instrument to protect the operator. The detector is unaffected by temperature, humidity, or air pressure. Victoreen Instrument. Circle 867.

Patient Monitoring

The HP 5600A system will monitor up to 32 patients simultaneously, keep records of up to 99 patients on file, and display stored information on up to 16 local or remote terminals. Vital signs and results of laboratory tests as well as staff notes, fluid balance results, medication records, and
Blood Gas Analyzer