Breakthrough In Thyroid Testing

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Trisorb represents a major breakthrough in thyroid testing because it replaces the red blood cells in the test. Trisorb sponge is a polyurethane foam in which is embedded a pre-measured ion exchange resin.

ACCURACY: Because only serum is used (instead of red blood cells) and there are only 3 washings, accuracy is greatly increased. Trisorb also permits accurate evaluation of thyroid function under certain circumstances where other standard methods may not be applicable. For example, it may be used following the administration of iodine-containing compounds or during the course of treatment with thyroid medications.

SPEED: Trisorb sponge can be washed quickly. The 3 washes can be completed in one or two minutes—compared to the red cell technique requiring 5 time-consuming washes and centrifugations. Trisorb does not require an incubator or shaker.

CONVENIENCE: It is in a disposable kit form ready for immediate use at room temperature (25°C). Correction factors are available if room temperature varies.

SAFETY: No dilution or pipetting of radioactive material is necessary. Since the patient receives no radioactive material, the test can be used in children, pregnant women, or in adults who fear ingestion of even tracer doses of radioactivity. Each syringe contains only 0.1 μc. or less of I 131 activity—an amount so minute that no special licensing is required by the AEC for its use.

FLEXIBILITY: The test does not require the presence of the patient for the determination of the radioactivity. The serum can be frozen and saved until a sufficient number has been collected to run a rack full of tubes at one time.

SUPPLIED: Each Trisorb Diagnostic Kit is made up of two trays (such as the one pictured to the right) containing: 10 syringes filled with Triomet®-131 (L-thyronine 131, formerly called Radio-L-triiodothyronine (I 131)), 10 Trisorb Sponges, 10 plastic test tubes with caps, 2 plungers, and 2 aspirator tips.

Trisorb is available to all physicians, hospitals and clinical laboratories—AEC licensing is not required.
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