

Medizym[®] T.R.A.

Enzyme immunoassay for
measurement of
autoantibodies to the TSH receptor



- ▶ First available TSH receptor autoantibody ELISA
- ▶ Differential diagnosis of hyperthyroidism and follow-up of Graves` disease
- ▶ 180 min total incubation time
- ▶ 100 µl undiluted serum
- ▶ Calibrated against WHO NIBSC 90/672 (IU/l)
- ▶ Microtiter plate based procedure
- ▶ Suitable for use on open automatic systems



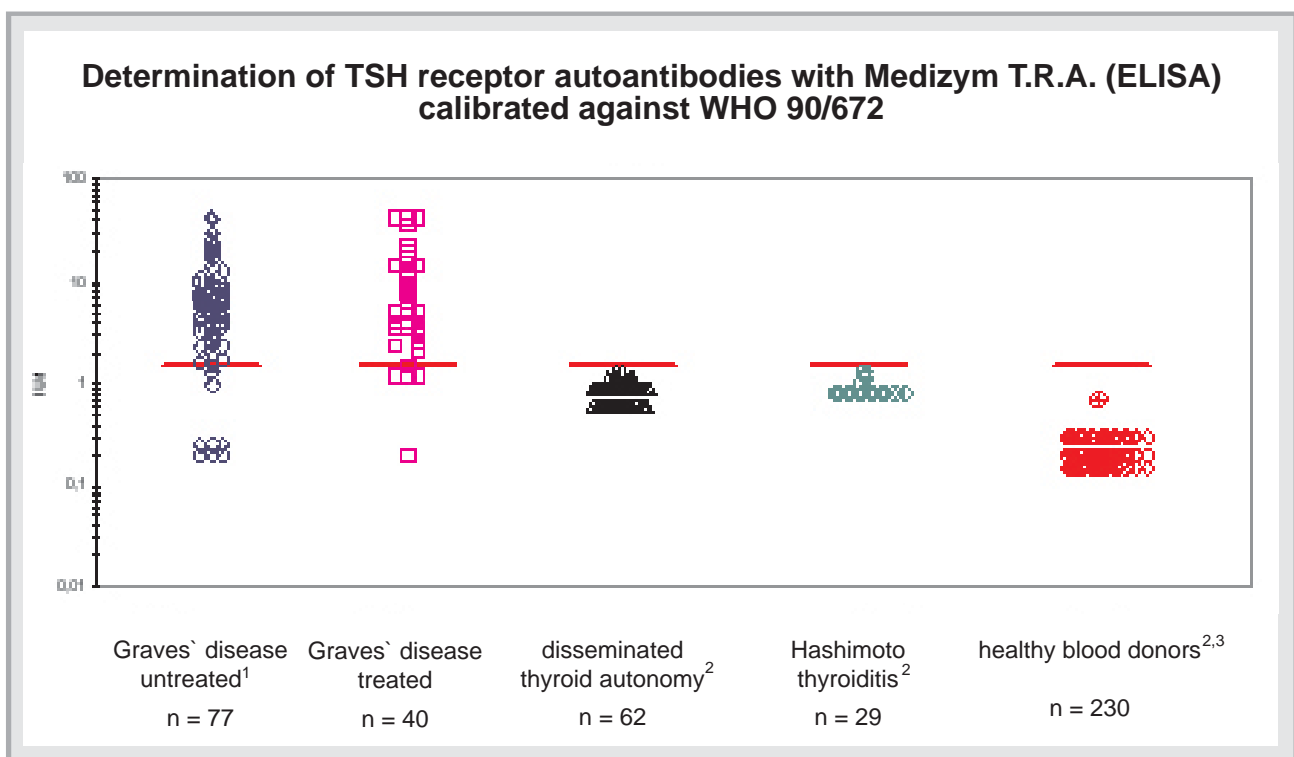
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In contrast to hyperthyroidism resulting from thyroid autonomy, the hyperthyroidism of Graves` disease (or autoimmune hyperthyroidism) is due to autoantibodies to the TSH receptor. Consequently measurements of TSH receptor autoantibodies are valuable in establishing the cause of a patient`s hyperthyroidism.

Analysis of sera from 77 untreated patients with Graves` disease, 62 patients with disseminated thyroid autonomy, 29 patients with Hashimoto thyroiditis and 230 healthy blood donors indicates (ROC-analysis) a detection cut-off of 1.5 IU/l.

Sensitivity: 95%
Specificity: 100%



¹ Dr. Brückner, Praxis für Radiologie und Nuklearmedizin, Zwickau

² Sera: Klinik und Poliklinik für Nuklearmedizin, Technische Universität Dresden (Director: Prof. Dr. Franke)

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96 Determinations

Order Code 4003

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