

# Autoimmune Thyroiditis



*Simply innovative diagnostics*

## SELco<sup>®</sup> TRAb human 1 step

Rapid determination of TSH receptor antibodies (TRAb)  
in one incubation step of 120 minutes



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**Recommended for use with RIAMAT**

# One step Radioimmunoassay for the diagnosis of autoimmune thyroid diseases

Graves' disease is an autoimmune disease of the thyroid gland. In this disease the body's own defense cells form antibodies against receptors of the thyroid cells, resulting to increased production of thyroid hormones, known as hyperthyroidism. The consequences are numerous disorders, such as tachycardia or cardiac arrhythmia, weight loss amidst ravenous appetite, restlessness and nervousness.

The determination of the TSH receptor antibodies (TRAb) is a major step in the diagnosis of this disease.

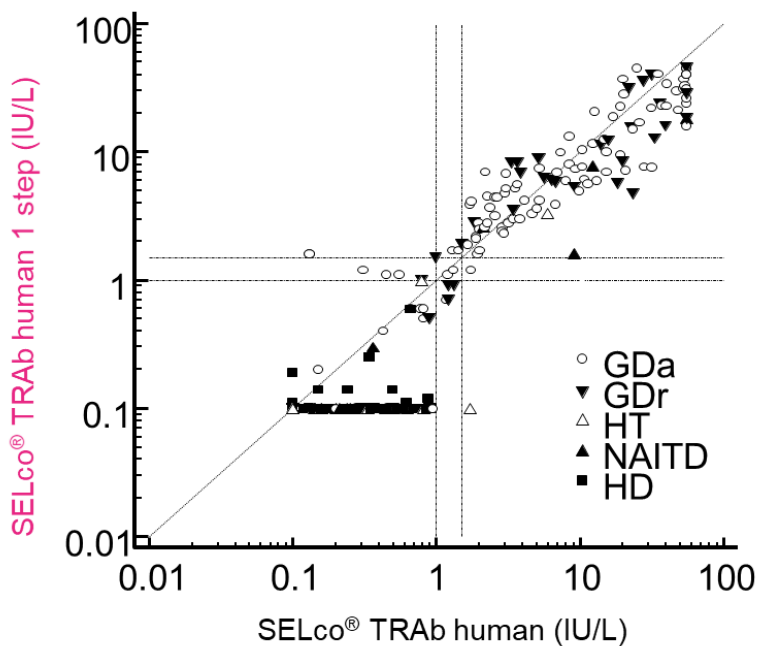
SELco® TRAb human 1 step is a sensitive radioimmunoassay for the detection of TSH receptor antibodies. Compared to the classical two-step assay, the incubation time is shortened to 120 minutes in one step only.

## Clinical data:

Examination of 204 sera of patients with thyroid disorders in SELco® TRAb human (2 step) and SELco® TRAb human 1 step [104 Graves' disease active (GDa), 41 Graves' disease remission (GDr), 31 Hashimoto thyroiditis (HT), 28 non-autoimmune thyroid diseases (NAITD)] as well as 100 healthy blood donors (HD).

(Roggenbuck et al.: publication in preparation)

Concordance of both tests: 97.6 %, no significant difference by ROC analysis.



- Only 120 minutes incubation time
- Suitable for automated processing
- Calibration based on the international reference standard WHO-08/204 (2<sup>nd</sup> International Standard for Thyroid Stimulating Antibody)
- Uniform assay format for the detection of antibodies against TSH-receptor, TPO and Tg

## Order information

Test	Order Nr.	Determinations
SELco® TRAb human 1 step	2042	100



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