

Autoimmune thyroiditis



Simply innovative diagnostics

New radioimmunoassays
for the determination of thyroid antibodies

SELco[®] TRAb human 1 step

SELco[®] TRAb human

SELco[®] anti-TPO human

SELco[®] anti-Tg human

Suitable for
fully automated
analyzers

Radioimmunoassays for the diagnostic of autoimmune thyroid disorders

Hashimoto's thyroiditis (also called chronic lymphocytic thyroiditis) is a chronic inflammation of the thyroid gland, the most common autoimmune disease. The disease has its cause in the body's immune system, which attacks the tissue of the thyroid gland and damages it. It ultimately results in hypothyroidism, a deficiency of thyroid hormones. Typical complaints are fatigue, weight gain, sensitivity to cold and depressive moods. The disease is marked by autoantibodies to thyroid peroxidase (**anti-TPO**) and thyroglobulin (**anti-Tg**).

Another autoimmune disease of the thyroid gland is Graves' disease. The body's own immune cells produce antibodies that bind to the receptors of the thyroid gland cells. This drives the gland to produce increased levels of thyroid hormones, that leads to hyperthyroidism. The consequences are numerous symptoms such as racing heart (tachycardia) or arrhythmia, weight loss despite appetite, restlessness and nervousness. The determination of TSH receptor antibodies (**TRAb**) is the best diagnostic mean for this disease.

MEDIPAN offers sensitive radioimmunoassays for the determination of all three autoantibodies and more with the following characteristics.

- Uniform assay format
- Automatable on SR300
- Calibration based on international reference standards:
NIBSC 66/387, NIBSC 65/93 and WHO-08/204

Order information

Test	Order No.	Determination
SELco [®] TRAb human 1 step	2042	100
SELco [®] TRAb human	2074	100
SELco [®] anti-TPO human	2080	100
SELco [®] anti-Tg human	2085	100

CE certified



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