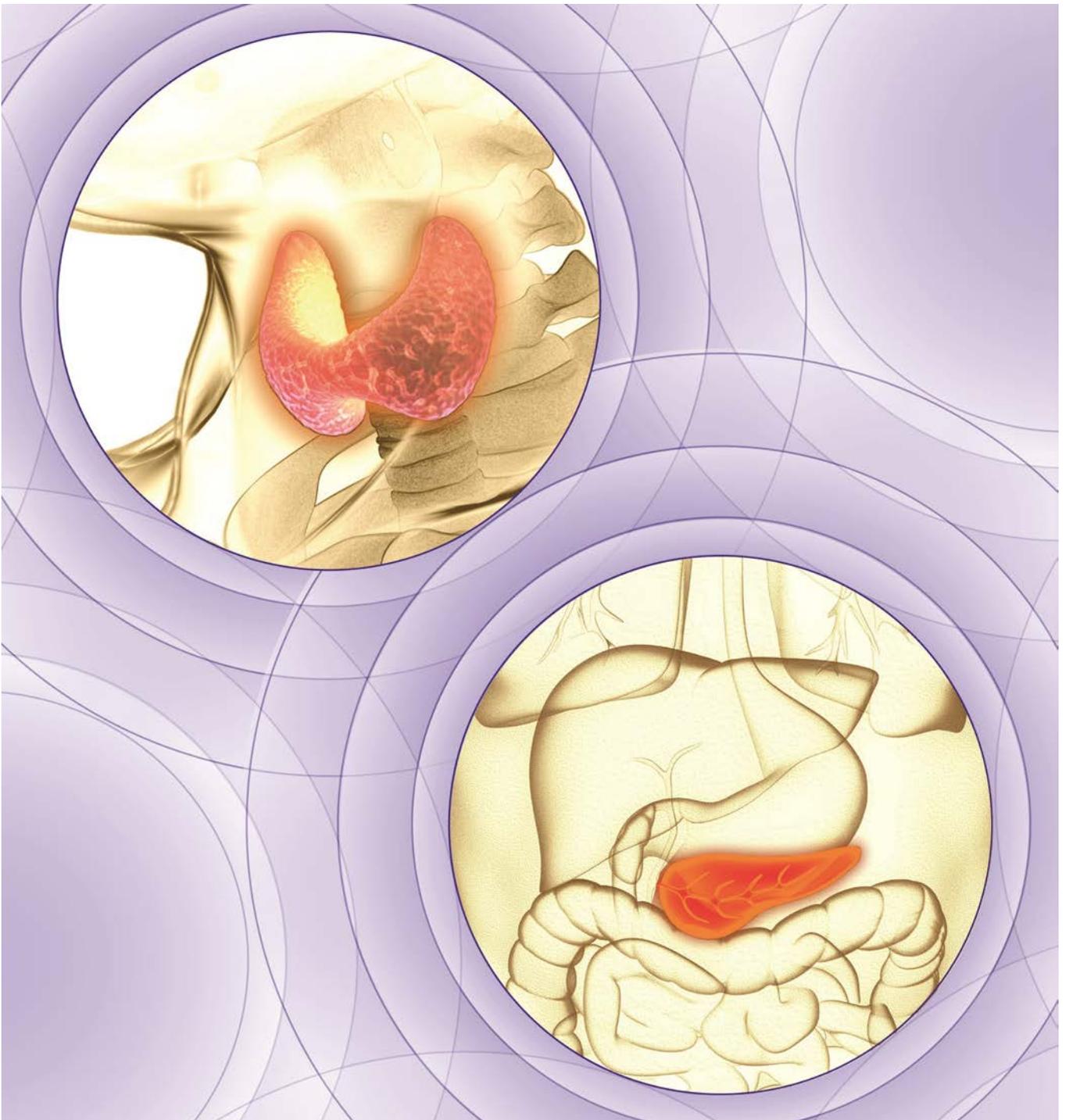


Radioimmunoassays



Simply innovative diagnostics

RIA - Thyroid & Diabetes



RIA - Thyroid & Diabetes

RADIOIMMUNOASSAY (RIA) is a highly specific and sensitive *in vitro* technology that measures the presence of diagnostic targets even at nanomolar and picomolar concentrations in biological fluids. This radioactivity-based technique is still widely used nowadays in several branches of nuclear medicine and highly regarded for its accuracy.

MEDIPAN GMBH is one of the most experienced, recognized worldwide manufacturers of this type of tests. In our RIA line we specialized in the diagnostic of thyroid gland disorders and type 1 diabetes.

Thyroid gland plays an important regulatory role in a numerous metabolic processes. Fluctuations in **F(ree)T3, FT4 and TSH** hormone levels lead very often to the diagnose of the functional thyroid gland disorder. Determination of antibodies against **Tg** and **TPO** as well as against the **TSH receptor** plays an decisive role in case of autoimmune nature of thyroid disease. Moreover, thyroid hormone **Tg** serves also as recurrence marker of a thyroid gland tumor. Abnormally elevated levels of calcitonin could indicate a thyroid C-cell hyperplasia and medullary thyroid carcinoma.

Type 1 Diabetes is a chronic autoimmune disease caused by the selective destruction of insulin-producing beta cells in the pancreas by autoantibodies. They are the most important markers for screening patients at increased risk of diabetes at a time when all available metabolic tests are within normal range. Most common ones are those against insulin (**IAA**), glutamate decarboxylase 65 (**anti-GAD₆₅**) and tyrosine phosphatase (**anti-IA2**).

Order information

Thyroid Tests	Order No.	Determinations
SELco [®] TRAb human	2040	100
SELco [®] anti-TPO human	2080	100
SELco [®] anti-Tg human	2085	100
SELco [®] TSH rapid	1450	100
SELco [®] FT4	1881	100
SELco [®] FT3	1652	100
SELco [®] Tg 1 Step	1301	100
SELco [®] Calcitonin	1630	100
Diabetes Tests		
CentAK [®] anti-GAD ₆₅ M	2071/2070	50/100
CentAK [®] anti-IA ₂ M	2050/2150	50/100
CentAK [®] IAA M	2035	100
CE certified		



MEDIPAN GMBH
Ludwig-Erhard-Ring 3
15827 Dahlewitz/Berlin
Germany

Phone: +49 (0) 33708 - 4417-0
Fax: +49 (0) 33708 - 4417-25
info@medipan.de
www.medipan.de