



# Professional<sup>FunctionalDX</sup> Thyroid Check

## The Essential Thyroid Panel



### Understand your thyroid function and restore optimal health and energy levels...

Our baseline professional investigation thyroid test offers a full spectrum of thyroid markers including T4, free T4, T3, Free T3, reverse T3, T3 uptake, glucose and a full blood count to accurately identify thyroid disorders.

### Why Take an FDX Thyroid Check Test?

Are you experiencing poor sleep, low mood and a lack of focus? Perhaps you've noticed unexplained weight changes, hair loss and fatigue. The answer could lie with your thyroid. Thyroid disorders are one of the most prevalent medical conditions in the world, with women at higher risk. According to the British Thyroid Foundation, as many as 1 in 20 people in the UK suffer from a thyroid concern, however they often go undiagnosed.

The latest artificial intelligence combined with innovative laboratory blood analysis means that you can now gain unparalleled scientific insight into your current thyroid function, as well as predicted health trends. Based on these results, you can take steps to seek medical intervention but also implement dietary, lifestyle or supplementation changes to drastically improve your mood, appearance and energy levels.

### Thyroid Check is for you if:

- You need to identify an overactive or underactive thyroid.
- You wish to improve your mood and quality of life.
- You have shown signs or symptoms of a dysfunctional thyroid including low energy, body temperature disorders, hair loss, weight gain, difficulty concentrating, digestive issues and more.

### Key Thyroid Check Biomarkers include:

- **Total T4.** Thyroxine (T4) is measured alongside TSH and T3 to help identify thyroid issues. High levels of T4 are due to an overactive thyroid (hyperthyroidism), whereas low levels are due to an underactive thyroid (hypothyroidism).
- **Total T3.** Triiodothyronine (T3) is the more active form of thyroxine and like T4 it is measured to identify whether the thyroid is working properly. It is used to diagnose an overactive thyroid.
- **Thyroid Peroxidase Antibody.** Also known as TPO, this is a thyroid gland produced enzyme that attaches the Iodine molecule to tyrosine to make T4. Levels are used to determine an autoimmune thyroid condition – Hashimoto's
- **TSH.** Thyroid stimulating hormone regulates the production of the thyroid hormones T3 and T4. TSH controls the release of these hormones in the blood and is tested to check for an overactive or underactive thyroid.

### Other key Biomarkers in this test:

Basophils %	MCHC - Mean Corpuscular Haemoglobin Concentration	WBC's
Basophils No	MCV - Mean Corpuscular Volume	ESR
Eosinophils %	Monocytes %	Glucose
Eosinophils No	Monocytes No	Free t3
Full Red Blood Cell Analysis	MPV (Mean Platelet Volume)	Free t4
Full White Blood Cell Analysis	Neutrophils %	ft3:rT3 ratio
Haemoglobin	Neutrophils No	Reverse T3
Lymphocytes %	RBC's	T3 Uptake
Lymphocytes No	RDW	T7 Free Thyroxine index
MCH - Mean Corpuscular Haemoglobin		Thyroglobulin Abs

**Gain insight into your body's key Thyroid biomarkers with advanced FDX technology, and optimise your future health**