



Professional

FunctionalDX

Thyroid Check+

The Definitive FDX Thyroid Check



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

The next level up from our Thyroid Check panel, this test offers a full spectrum of thyroid markers including T4, free T4, T3, Free T3, reverse T3, and T3 uptake; as well as additional biomarkers which help to identify autoimmune responses.

Why Take an FDX Thyroid Check+ Test?

If you have already been diagnosed with Hypothyroidism or Hyperthyroidism, it's crucial to avoid further thyroid degeneration, for example conditions such as Autoimmune Graves' or Hashimoto's thyroiditis.

As well as a comprehensive list of thyroid markers, our Thyroid Check+ panel also tests for Epstein-Barr virus (EBV). This is one of the most considered viral infections linked in autoimmune Thyroiditis, as well as thyroglobulin and TSH receptor antibodies.

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 have already been diagnosed with a thyroid condition but require further analysis
- You are showing signs and symptoms of an autoimmune disorder, including tiredness, fatigue, hair loss, weight changes or dry skin.
- You wish to improve your mood and quality of life.

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.
- **Epstein-Barr virus (EBV) Antibodies.** A group of tests that help diagnose a current, recent, or past EBV infection. This virus can be considered as a contributory factor for the development of autoimmune thyroid diseases.

Other key Biomarkers in this test:

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

The ultimate insight into your body's key Thyroid biomarkers with advanced FDX technology

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