



# Professional Thyroid Ultra

The Ultimate Thyroid and Health Check

## A detailed investigation into your thyroid and immune health...

As well as our full spectrum of thyroid markers; in this in depth panel we have included biomarkers for overall health including immunity, endocrine and cardiovascular function, sugar and lipid management, inflammation and vitamin and mineral status.

## Why Take an FDX Thyroid Ultra Test?

Have you been diagnosed with a thyroid condition and are now noticing unrelated symptoms? Or are you experiencing fatigue, weight changes or hair loss? Thyroid function has a significant impact on our overall health, with a variety of health conditions associated with thyroid dysfunction. These include metabolic syndrome, heart disease, diabetes, hormonal, and sex hormone imbalances.

The latest artificial intelligence combined with innovative laboratory blood analysis means that you can now gain unparalleled scientific insight into your current thyroid function and health status, as well as predicted health trends. Based on these results, you can implement dietary, lifestyle or supplementation changes to not only improve your mood, appearance and energy levels; but to help prevent future concerns associated with thyroid function.

## Thyroid Ultra is for you if:

- You require monitoring in order to avoid thyroid degeneration.
- You have a pre-established autoimmune disorder.
- You are at risk of a condition such as obesity, diabetes, cardiovascular disease or depression that may arise from an unchecked thyroid dysfunction.

## Key Thyroid Inspect Biomarkers include:

- **Parathyroid Hormone.** Located directly behind the thyroid glands, parathyroid hormone regulates calcium levels in the blood, increasing levels when they are too low. If parathyroid hormone levels are too high or too low, this can affect bone and kidney health as well as affecting vitamin D levels.
- **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.
- **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:

Active B12	T7 Free Thyroxine index	Ferritin
ALP	Thyroglobulin Abs	Fructosamine
ALT	Thyroid peroxidase antibody	HBA1C
Aluminium Serum	Total T3	HDL cholesterol
AST	Total T4	LDH
Bicarbonate	TSH	LDL Cholesterol
C Peptide	Parathyroid hormone	Magnesium Red cell
ESR	Thyroid Binding Globulin	Folate Red Cell
Free t3	TSH receptor abs	Selenium Serum
Free t4	Ceruloplasmin	Total Iron Binding Capacity
Reverse T3	Cortisol Serum am	Triglycerides
ft3:rT3 ratio	DHEA-sulphate	Zinc Serum
T3 Uptake	Insulin (fasting)	

Gain insight into your thyroid status with advanced FDX technology, and optimise your future health

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