

Professional FunctionalDX Brain Check Ultra

Comprehensive Alzheimer's Profile

70+ biomarkers including: Homocysteine, heavy metals, liver and detoxification, inflammatory markers, hormones, thyroid, blood sugar management, vitamin and mineral status and metabolic function.

Why take an FDX Brain Check Ultra?

Reduced cognitive function not only impacts one's current quality of life but can be a sign of progressive and life-threatening conditions such as Alzheimer's disease, Parkinson's and Dementia. Identifying your potential risk has become more important than ever before. Gauge your cognitive functions by taking this advanced comprehensive assessment using blood chemistry and reduce your associated risk of onset.

Based on the novel research by Dr Bredesen, FDX Brain Check Ultra considers the five key areas of brain health in which imbalances have shown the greatest contribution to downsizing the brain's ability and causing subsequent cognitive decline contributing to Alzheimer's Disease.

This includes sugar management, underlying inflammation and infections, hormone regulation, nutrient requirements, toxic load and the restoration and protection of lost brain nervous system signalling.

FDX Brain Check Ultra is for you if:

- You are experiencing cognitive decline and wish to investigate underlying issues
- You require a comprehensive review of your cognitive health, taking into consideration the latest Bredesen's research
- You are concerned or wish to know more about your health outlook, looking to identify potential areas for cognitive decline risk
- You are interested in ageing well and looking to future proof your health and wellbeing & reduce the ageing process on cognitive performance
- You have a condition(s) or symptoms that suggest concerns to cognitive function such as Cardiovascular Disease, high blood pressure, Diabetes, metabolic conditions, memory changes, cognitive changes
- You have with family history of ageing and degenerative cognitive conditions or a APOE genetic SNP

Key FDX Brain Check Biomarkers include:

- **Homocysteine levels and inflammatory markers.** These included CRP, homocysteine, HsCRP and interleukin 6. Blood plasma levels have been identified as a risk factor for and a predictor of Alzheimer's disease.
- **Hormone and sex hormones.** Research suggests that changes in oestrogen and oestradiol levels can increase the risk of Alzheimer's.
- **Minerals & vitamins.** Imbalances including B12, Zinc, Folic acid, Iron, and Magnesium have been shown to cause cognitive and mental decline.
- **Thyroid and sugar balance.** These could be underlying factors to a decline in cognitive health causing oxidative stress.
- **Heavy metal toxins.** Arsenic, mercury and lead have been shown to negatively impact cognitive functions.
- **Liver markers.** Poor detoxification can be an underlying cause for the onset of degenerative cognitive functions.

Other key Biomarkers in this test:

Arsenic	Folate Serum	Lead	Testosterone Total
Calcium	Free T3	Magnesium Red Cell	Triglycerides
Copper Serum	Free T4	Mercury	Vitamin B12
CRP	HbA1c	Progesterone	Vitamin B6
DHEA-Sulphate	Homocysteine	Reverse T3	Vitamin D 25(OH)
Estradiol E2	HsCRP	Selenium Serum	Vitamin E
Ferritin	Interleukin 6	Sex Hormone Binding Globulin	Zinc Serum

Optimise and future proof your brain health and function with Advanced FDX technology

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