

# Professional FunctionalDX Brain Check

Advanced brain health profile

## Improve your cognitive and mental health

105+ biomarkers including: Homocysteine, liver, hormones, thyroid, blood sugar management, vitamin, mineral and electrolyte imbalances, metabolic function, toxicity and inflammatory markers.

## Why take an FDX Brain Check?

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.

Brain Check assesses your mental health status by identifying the markers associated with depression, anxiety, ADHD and any kind of personality disorder. Empower yourself today and test for potential dysfunctions.

## FDX Brain Check is for you if:

- You wish to improve brain fog, forgetfulness, reduction in memory & aspects of cognitive function
- You experience poor motivation, depression, anxiety, insomnia, irritability, tremors, addiction or headaches
- You have gastrointestinal complaints such as constipation that do not resolve with the usual support
- You have a family history of mental health or cognitive decline or potential genetic predisposition

## Key FDX Brain Check Biomarkers include:

- **Homocysteine levels & Inflammatory Markers.** Blood plasma levels have been identified as a risk factor for and a predictor of Alzheimer's disease, Inflammation worsens depression and affects cognitive functions.
- **Hormone & Sex Hormones.** Research suggests that changes in Estrogen and Estradiol levels can increase the risk of Alzheimer's.
- **Minerals/ Vitamins/Electrolytes.** Imbalances including B12, Zinc, Folic Acid, iron Magnesium have been shown to cause cognitive and mental decline
- **Thyroid & sugar.** These could be underlying factors to a decline in cognitive health causing oxidative stress.
- **Aluminium.** Heavy metal toxins such as aluminium have been shown to negatively impact cognitive functions.
- **Liver Markers.** Poor detoxification can be an underlying cause for the onset of such conditions.

## Other key Biomarkers in this test:

|                         |                   |                   |                              |
|-------------------------|-------------------|-------------------|------------------------------|
| Active B12              | Cholesterol Total | Free T4           | Magnesium Serum              |
| Albumin/ Globulin Ratio | Copper Serum      | Gamma GT/ GGT     | Reverse T3                   |
| Aluminium Serum         | Cortisol Serum am | HbA1c             | Selenium Serum               |
| Amylase                 | DHEA-Sulphate     | HDL Cholesterol   | Sex Hormone Binding Globulin |
| Apolipoprotein A1       | Estradiol E2      | Homocysteine      | Testosterone Total           |
| Apo B: Apo A1 ratio     | Ferritin          | HsCRP             | TSH                          |
| Apolipoprotein B        | Fibrinogen        | Insulin (fasting) | Vitamin B12                  |
| C Peptide               | Folate Serum      | Iron              | Vitamin D 25(OH)             |
| Calcium                 | Free T3           | LDH               | Zinc Serum                   |

Identify areas of dysfunction with advanced FDX technology and restore optimal brain function for future vitality

[functionaldx.com](https://functionaldx.com)