



PFEIFFER PROFILE BASIC- Test code 3415



Turnaround Time: 5 Business Days



Specimen Type: Pfeiffer kit
– Blood (Fasting) DRY ICE

Description

The Pfeiffer Profile Basic is a biochemical test designed to assess key nutritional markers that influence mental and physical well-being. It is particularly useful for individuals experiencing conditions such as ADHD, autism, anxiety and depression. The test measures key analytes that play vital roles in brain function and mood regulation.

Low plasma zinc levels are often linked to mood disorders, including depression and ADHD (Lang et al., 2023). Imbalances in serum copper and caeruloplasmin, which lead to high percentage of free copper, can affect brain function and contribute to irritability and depression (Feng et al., 2023). An imbalance in copper and zinc can potentially impact mental health. Elevated whole blood histamine can be associated with anxiety (Provensi et al., 2020). As an indicator of B-Vitamin deficiencies, homocysteine levels are linked to cognitive decline and mood disorders such as depression (Hoepner et al., 2021). Additionally, 25-OH vitamin D deficiency is connected to low mood and cognitive dysfunction (Musazadeh et al., 2023).

By providing detailed insights into these biomarkers, the Pfeiffer Profile Basic aids in identifying nutritional imbalances and guiding effective treatments for mental health conditions.

Whats included?

- Plasma Zinc
- Serum Copper
- Zn:Cu ratio
- Caeruloplasmin
- % free Copper
- Whole blood Histamine
- Homocysteine
- 25-OH Vitamin D

Conditions and Symptoms

- Attention Deficit Hyperactivity Disorder (ADHD)
- Autism Spectrum Disorder (ASD)
- Depression & anxiety
- Obsessive-Compulsive Disorder (OCD)
- Learning & behavioural disorders
- Alzheimer's Disease
- Chronic Fatigue Syndrome
- Post-Traumatic Stress Disorder (PTSD)

Complementary Testing

- Advanced Neurotransmitter Profile (Test code 4036)
- Complete Microbiome Mapping (Test code 2206)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



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For more information
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*See NATA and CLIA website for further details