



## PFEIFFER PROFILE COMPREHENSIVE- Test code 3416



Turnaround Time: 12-15 Business Days



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

### Description

The Pfeiffer Profile Comprehensive is an advanced biochemical test designed to assess several key nutrients and biomarkers critical to mental and physical health. It is particularly valuable for individuals experiencing mood disorders, cognitive decline and conditions like ADHD, autism and depression. The test measures key analytes that play vital roles in brain function and mood regulation.

Zinc plays a crucial role in neurotransmission, with deficiencies linked to depression and ADHD (Lang et al., 2023). Serum copper and caeruloplasmin help regulate brain function and mood, with imbalances potentially contributing to mental health issues (Feng et al., 2023). The ratio of zinc to copper is crucial for maintaining metabolic balance and supporting mental well-being. Elevated whole blood histamine has been associated with anxiety and irritability (Provensi et al., 2020), while homocysteine levels are linked to cognitive decline and depression (Hoepner et al., 2021). Vitamin D deficiency is strongly related to mood disorders (Musazadeh et al., 2023). The SAME/SAH ratio is a key indicator of methylation status, influencing mood regulation and brain health (Hoepner et al., 2021). This comprehensive profile provides vital information for understanding biochemical imbalances and helps guide effective treatments for various mental health conditions.

### Whats included?

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

### 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\*



info@nutripath.com.au



1300 688 522



www.nutripath.com.au

For more information  
scan the QR code



\*See NATA and CLIA website for further details