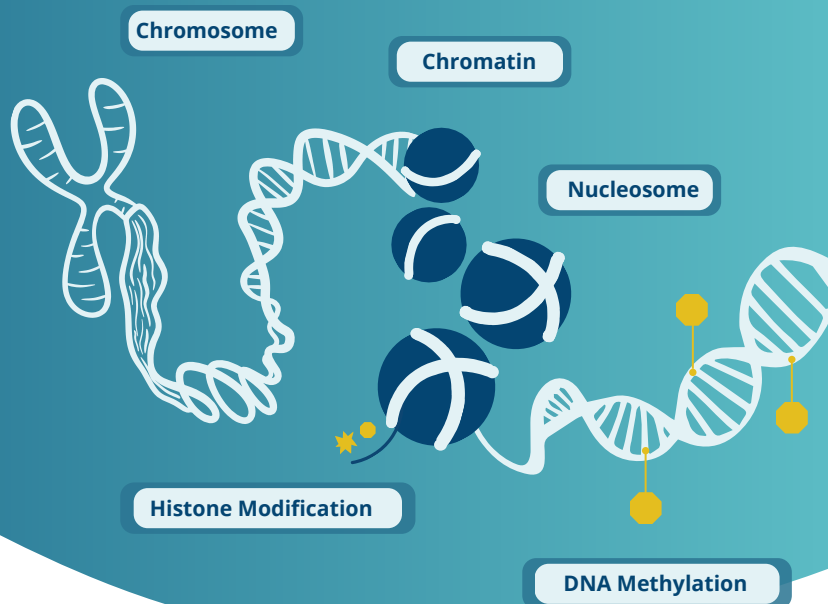


Methylation Panel

At Home Blood Saliva

Key Clinical Messages



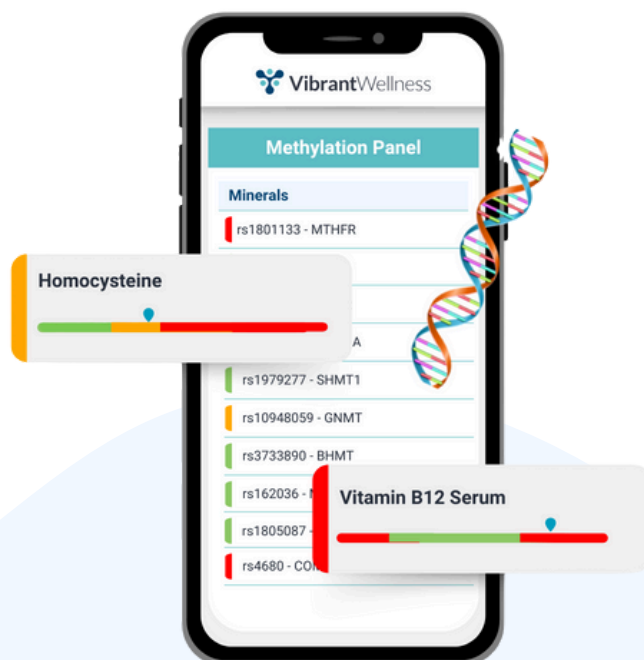
What is the Methylation Panel?

The Methylation Panel is a comprehensive blood test that evaluates key genetic and biochemical markers involved in methylation pathways, including folate metabolism, detoxification, and DNA repair. Utilizing advanced liquid chromatography-mass spectrometry (LC-MS/MS) and real-time PCR technology, this panel provides insights into methylation efficiency and potential imbalances, helping guide personalized nutrition and lifestyle strategies for optimal metabolic function.

- Analyzes critical markers involved in methylation pathways, including folate and B-vitamin metabolism, to assess detoxification, DNA repair, and neurotransmitter production.
- Helps optimize methylation function, supporting energy, cognitive health, and long-term disease prevention.

The Methylation Panel is backed by clinical validation, ensuring reliable results that support optimal detoxification and long-term health management.

12 Methylation Genetics Markers 3 Serum Markers

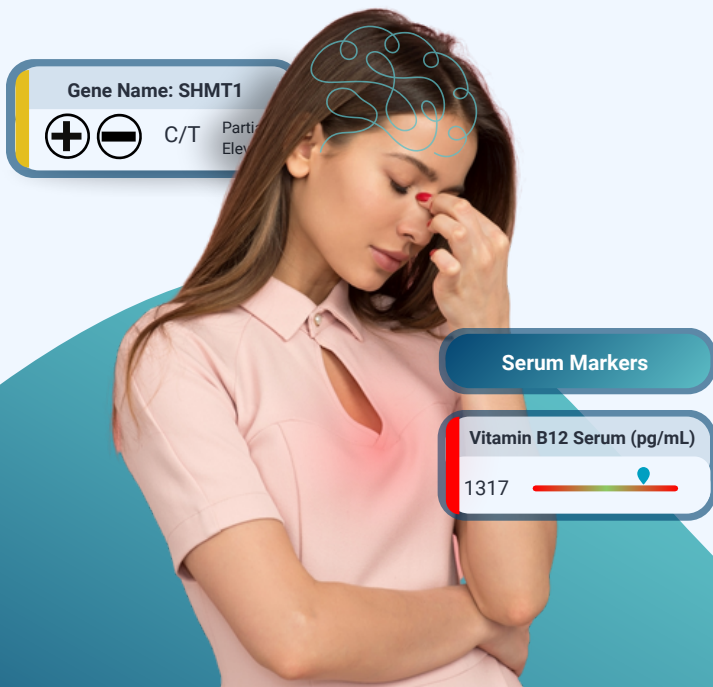


Why Order?

The Methylation Panel is an important tool for evaluating patients with chronic fatigue, mood disorders, or unexplained neurological symptoms. It's particularly relevant for those with elevated homocysteine, cardiovascular risk, or signs of poor detoxification. Patients with a family history of neurodegenerative conditions like Alzheimer's or Parkinson's, as well as those with inflammatory or autoimmune issues, frequent migraines, or fibromyalgia.



[Download Sample Report](#)

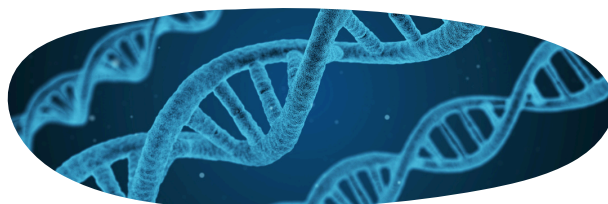


Synergistic Testing Options

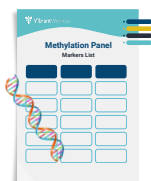
- **Micronutrient Panel:** Assesses essential nutrients like B-vitamins and magnesium that are crucial for proper methylation function. This test helps to identify deficiencies that may impair detoxification and DNA repair processes linked to methylation.
- **Organic Acids Panel:** Provides insight into mitochondrial function, oxidative stress, and gut health, which are all influenced by methylation processes. By identifying how methylation inefficiencies impact metabolic health, this test complements the Methylation Panel.
- **Total Tox Burden:** Measures environmental toxins that can impede methylation and detoxification. By understanding how toxins affect methylation processes, this test supports a comprehensive approach to optimizing detoxification.
- **Neurotransmitters Panel:** Evaluates brain chemistry and neurotransmitter imbalances, which may be influenced by inefficient methylation processes. This test complements the Methylation Panel by assessing how genetic methylation patterns affect mental health.

The Vibrant Advantage

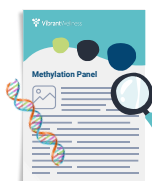
- **Key Variant Identification:** Identifies key genetic variants that affect methylation pathways, which are crucial for detoxifying harmful substances, repairing DNA, and maintaining overall health.
- **Displays Markers For Methylation:** Measures biomarkers related to methylation efficiency, helping healthcare providers understand how your body processes toxins, metabolizes nutrients, and handles oxidative stress.
- **Early Detections:** Early detection of methylation imbalances helps prevent chronic conditions like cardiovascular disease, cancer, and neurological disorders, offering the opportunity for targeted intervention.
- **Suggestions Catered to Patient:** Supports personalized treatment plans that include lifestyle adjustments, supplementation, and therapies to optimize methylation and improve overall health.



Additional Resources



Markers One-Sheet



Patient One-Pager



Interpretive Guide



Webinar



Limitations

Please note the information provided by Vibrant Wellness is intended solely for research and informational purposes to help inform lifestyle choices aimed at potential risk mitigation. The information is not intended to be used by the patient for any diagnostic purpose and is not a substitute for medical advice by a healthcare practitioner. Please consult a licensed healthcare practitioner for any questions regarding diagnosis, prevention, or treatment of any disease or health assessment.

Regulatory Disclaimer

Please note the information provided by Vibrant Wellness is intended solely for research and informational purposes to help inform lifestyle choices aimed at potential risk mitigation. The tests were developed, and their performance characteristics were determined by Vibrant America and Vibrant Genomics. They have not been cleared or approved by US Food and Drug Administration. The laboratory is certified under the Clinical Laboratory Improvements Amendments (CLIA) as qualified to perform high complexity testing. The laboratory is also in compliance with College of American Pathologists (CAP) regulations and New York State Department of Health (NYSDOH) regulations.

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