



**VibrantWellness**



## **Metylation Panel: Are You At Risk?**

The Methylation Panel measures relevant genetic variations that can affect methylation and key nutrients to determine the status of methylation in the body and if it is inhibited by genetic abnormalities. If you were diagnosed with or suspect major cardiovascular or neurodegenerative diseases such as cardiovascular disease or Alzheimer's, you may benefit from this panel.



## **Methylation: Know The Symptoms**

## **Do You Struggle From These Symptoms?**

- Cardiovascular disease
- Neurotransmitter imbalances
- Psychological and emotional disorders
- Increased oxidative stress
- Impaired detoxification/increased toxic burden
- Mood disorders
- Low energy or fatigue
- Neurodegenerative disorders
- Fibromyalgia
- Hyperhomocysteinemia



## **Tickborne Diseases Test: Are You At Risk?**

## **Why Is This Important**

- Methylation is a critical cellular process that occurs in the body a billion times per second, and aids in processing nutrients and molecules to support various body systems.
- Methylation pathways have significant overlap with virtually all organ systems and metabolic functions in the human body, and can impact health, energy, detoxification, emotional and psychological function, and cognition.
- Key nutrients play a role in methylation, and without optimal levels of these nutrients in the correct form, methylation can become impaired and dysfunctional, leading to illness, disease, and affecting quality of life.
- A genetic abnormality of one or more genes related to methylation can cause methylation cycles to become dysfunctional.
- The Vibrant Methylation panel tests for the key nutrients required in methylation as well as genetic markers to indicate any abnormalities.
- The Methylation panel assesses your methylation status and unique genetic nutritional needs so you can make effective, appropriate lifestyle changes.

Key Markers

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Genetic Mutations

- MTHFR rs1801133 (677)
- MTHFR rs1801131 (1298)
- COMT rs4680 (Val158Met)
- COMT rs4633
- MTRR rs1801394 (A66G)
- MTRR rs162036
- MAT1A rs3851059
- SHMT1 rs1979277
- GNMT rs10948059
- BHMT rs3733890
- MTR rs1805087
- NOS3 rs1799983

Additional Nutrients

- Homocysteine
- Folate
- Vitamin B12

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- Homocysteine
- Folate
- Vitamin B12



## What To Expect

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- Follow the simple instructions to perform this blood test at a blood draw center or with a mobile phlebotomist.
- Before testing:
  - No need to fast.
  - Your provider may ask you to discontinue medications or dietary supplements. Speak with your provider to learn more.
- Send the test to our labs for analysis and work with your care provider to understand the results.



# **What Are The Advantages of Methylation Testing**

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The Vibrant Wellness Advantage Levels of homocysteine, folate, and vitamin B12— key biomarkers involved in methylation Single nucleotide polymorphisms— genetic variations that can affect methylation Unparalleled specificity and sensitivity. Our proprietary technology detects: Validated and accredited. Science-backed testing and analysis based on rigorous, ongoing research by clinical experts.



## About Vibrant Wellness

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About Vibrant Wellness Vibrant Wellness is a leading CLIA-certified and CAP-accredited biotech company based in San Carlos, CA. Vibrant delivers life-transforming lab testing that enables our providers to discover the root of your health issues. Vibrant is at the forefront of modern medicine and research, providing personalized health analytics using cutting-edge, high quality technology. We believe that anyone can achieve better health and vibrant longevity through individualized solutions based on testing—not guessing.





## What To Expect From The Test

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Follow simple instructions to perform this test at a blood draw center.

### **Before testing:**

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- Send the test to our labs for analysis and work with your care provider to understand the results.



**Call Today To Order or  
Schedule An Appointment**

**920-737-1625**

**Cost For Labs & Results  
\$695**

For A Detailed Discussion &  
Treatment Plan, Schedule An  
Appointment With A Provider

*You Do Not Need To Be An Established Patient  
To Order a Vibrant Methylation Panel*



## **Regulatory Statement From Vibrant**

Vibrant testing does not demonstrate absolute positive and negative predictive values for any disease state or condition. Its clinical utility has not been fully established. Vibrant validates the accuracy and precision of the testing but not of its clinical or diagnostic value. So these tests are for wellness and informational purpose only. Vibrant is actively doing clinical research on these samples, de-identified from patients under an IRB and will make research publications towards the same as and when the clinical utility is well established. These tests have been laboratory developed and their performance characteristics determined by Vibrant America LLC, a CLIA-certified laboratory performing the test CLIA#:05D2078809. The test has not been cleared or approved by the U.S. Food and Drug Administration (FDA). Although FDA does not currently clear or approve laboratory-developed tests in the U.S., certification of the laboratory is required under CLIA to ensure the quality and validity of the tests. The general wellness test intended uses relate to sustaining or offering general improvement to functions associated with a general state of health while making reference to diseases or conditions. Content provided for informational purposes only and should not be construed as medical advice. Content provided to help you make healthy lifestyle, dietary, and treatment choices in consultation with your healthcare provider. It is intended to be used as a tool to encourage a general state of health and well-being. Please consult with your healthcare practitioner for diagnosis and treatment considerations.

*This test is not available in NY.*