

# Neurotransmitters Panel

At Home Urine

## Key Clinical Messages

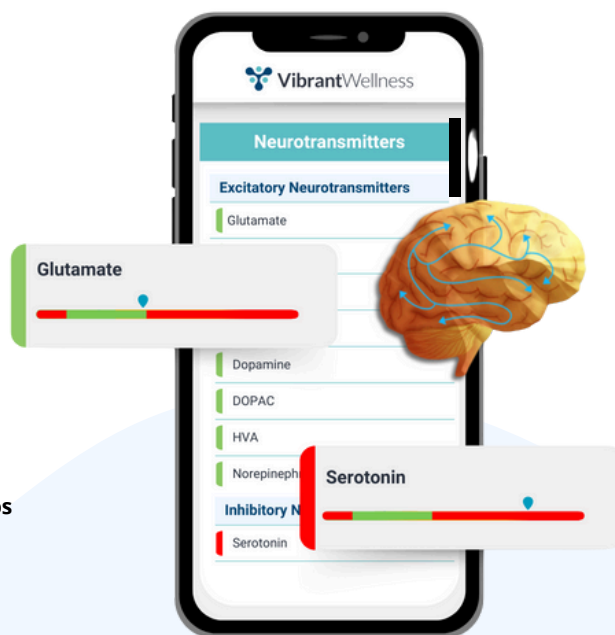
### What is the Neurotransmitters Panel?

The Neurotransmitters Panel employs liquid chromatography-tandem mass spectrometry (LC-MS/MS) to precisely quantify neurotransmitter levels in urine samples, ensuring high sensitivity and specificity.

- Measures urinary levels of key neurotransmitters, including serotonin, dopamine, and GABA, to assess mood regulation, stress response, and cognitive function.
- Helps identify imbalances contributing to anxiety, depression, and neurological dysfunction.

The Neurotransmitters Panel is backed by clinical validation, ensuring reliable results that support personalized mental health management.

- 12 Excitatory Neurotransmitters
- 4 Neurotransmitter Ratios
- 8 Diurnal Epinephrine & Norepinephrine Levels
- 11 Other Neurotransmitters & Metabolites
- 5 Inhibitory Neurotransmitters

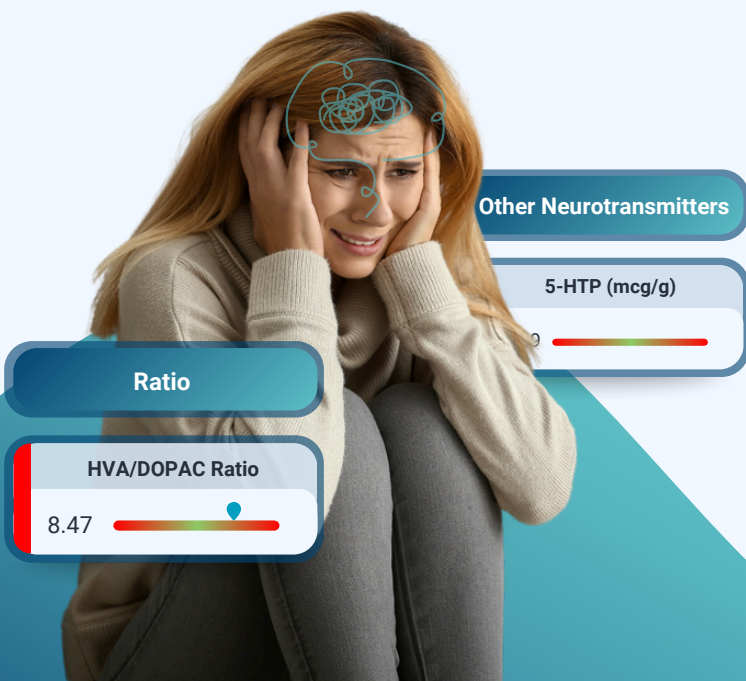


### Why Order?

The Neurotransmitters Panel is for patients experiencing mood swings, anxiety, brain fog, fatigue, or poor sleep quality. It's also helpful for those with unexplained weight changes, low libido, frequent headaches, or appetite imbalances such as cravings or loss of control. These symptoms often point to underlying neurotransmitter imbalances that standard evaluations may miss. Testing provides a clearer picture of neurochemical function, allowing for more personalized and effective treatment strategies.



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## Synergistic Testing Options

- **Neural Zoomer:** Identifies immune reactivity to brain antigens and pathogens. It complements the Neurotransmitters Panel by offering insights into how neuroinflammation or autoimmune responses may be contributing to neurotransmitter imbalances, mood changes, and cognitive decline.
- **Organic Acids Test:** Measures markers related to oxidative stress, mitochondrial function, and neurotransmitter metabolism. It complements the Neurotransmitters Panel by providing metabolic context for neurotransmitter imbalances, helping to assess the root causes of cognitive symptoms.
- **Micronutrient Panel:** Evaluates nutrient levels that are essential for neurotransmitter production and balance. This test complements the Neurotransmitters Panel by addressing deficiencies that may be impacting brain health and cognitive function.
- **Inflammation Panel:** Measures inflammatory markers that are often elevated in neurodegenerative diseases and mental health disorders. This test complements the Neurotransmitters Panel by assessing how systemic inflammation affects neurotransmitter levels and cognitive function.

## The Vibrant Advantage

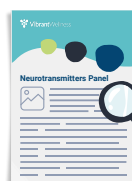
- **Gives Insight in Imbalances:** Identifies imbalances in neurotransmitters like serotonin, dopamine, and GABA, which can contribute to conditions such as anxiety, depression, insomnia, and cognitive decline.
- **Highlights Neurotransmitter Pathway Metabolites:** Measures both the levels of neurotransmitters and their metabolites, providing deeper insights into brain chemistry and its effect on mental health.
- **Early Detection:** Early detection of neurotransmitter imbalances allows for personalized treatment plans, including dietary adjustments, supplements, and therapies that help restore mental and emotional well-being.
- **Helps Guide Individual Management Plans:** Provides clear, actionable insights to help individuals manage symptoms, improve mood stability, and enhance cognitive performance by addressing neurotransmitter imbalances.



## Additional Resources



[Markers One-Sheet](#)



[Patient One-Pager](#)



[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.

KCM-25-039