

Neural Health Panel



Which Patients Need the Neural Health Panel?

Symptoms and Conditions Associated with Neurological Dysfunction and Inflammation Include:

- ❑ Cognitive decline
- ❑ Memory loss
- ❑ Ataxia
- ❑ Balance problems
- ❑ Neuropathy
- ❑ Alzheimer's disease
- ❑ Multiple sclerosis
- ❑ Dementia
- ❑ Myasthenia gravis
- ❑ Muscle stiffness/rigidity
- ❑ Optical decline
- ❑ Neuromyelitis optica
- ❑ History of concussion
- ❑ Demyelinating diseases



Facts About Neurological Dysfunction and Inflammation

- ❑ **The Vibrant Neural Health panel** is a novel multiplex test which measures the levels of several critical proteins associated with brain health
- ❑ Brain health is a collective term to gauge an individual's ability to learn, think, remember, and move
- ❑ Among the proteins measured, there are markers for risk assessment for neurological conditions such as Alzheimer's disease and dementia, increased blood brain barrier permeability, and overall health of the brain
- ❑ Determining patterns of dysfunction or imbalance in brain proteins can provide more specific information to advanced healthcare providers who are searching for answers to chronic and acute neurological inflammation





Clinical Connections

The Vibrant Neural Health panel is the most comprehensive panel available to measure critical markers of brain health

Markers included on the Neural Health panel screen for:

- ❑ Risk of dementia
- ❑ Neuron differentiation and maintenance
- ❑ Blood brain barrier function
- ❑ Neuronal damage

The Vibrant Neural Health Panel is the first of its kind to include all of the markers listed in one affordable test.

Other tests recommended to supplement the Neural Health Panel include, but are not limited to: Vibrant Neural Zoomer Plus, Heavy Metals, Vitamin B12, T3, T4, TSH, PTH, Ferritin, CBC incl diff and platelets, Folate, ApoE gene



What Does the Neural Health Panel Include?

Neuron specific enolase (NSE)

Glial fibrillary acidic protein (GFAP)

Amyloid beta

- ❑ Abeta 1-42
- ❑ Abeta 1-40

Abeta42/Abeta40 ratio

Total Tau

s100b

Neurofilament light

alpha synuclein

Brain-derived neurotrophic factor (BDNF)

Regulatory Statement

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. This test has been laboratory developed and its performance characteristics determined by Vibrant Genomics LLC, a CLIA-certified laboratory performing the test. 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.