

# 2025 eBook: Specialist Insights on Neurology & Neuroscience Biomarkers

## NEUROLOGY & NEUROSCIENCE

Crescendo Care offers a targeted quantification of various biomarkers relevant to Neurology and Neuroscience. Below are some examples of the biomarkers we focus on, and we also provide additional tests for customized panels.

Don't hesitate to contact us with any questions or to suggest other biomarkers you may need!

3-Dehydroquinic acid	Dopa	Ornithine
3-Dehydroshikimic acid	Dopamine	Phenylalanine
3-Norepinephrine	Epinephrine	Phosphorylated tau (p-tau181)
5-Methyltetrahydrofolate	Homoserine	Reticuline
Acetyl tyrosine	Homovanillic acid	Sepiapterine
Alpha-synuclein	Hydroxyindolacetic acid	Serotonin
Anti-aquaporin 4 antibodies (anti-AQP4)	Hydroxykynurenine (urine)	Shikimic acid
Aspartic acid	Kynurenine (urine)	Shikimic acid-3-phosphate
Beta-amyloid protein (A $\beta$ 42 and A $\beta$ 40)	Metanephrine	Sorbitol
Biopterine	Methyl-DOPA	Superoxide dismutase 1 (SOD1)
Brain-Derived Neurotrophic Factor (BDNF)	Mutant huntingtin protein (mHTT)	TAR DNA-binding protein (TDP-43)
Chorismic acid	Myelin basic protein (MBP)	Tetrahydrobiopterin (THP)
Dihydrobiopterine	Neopterin	Total tau protein (t-tau)
Dihydroxyphenylacetaldehyde	Neurofilament heavy chain (NfH)	Tyrosine
Dihydroxyphenylacetic acid	Neurofilament light chain (NfL)	Vanillylmandelic acid
DJ-1 protein	Normetanephrine	Tyrosine
		Vanillylmandelic acid

# 2025 eBook: Specialist Insights on Alzheimer's Disease

Crescendo Care provides an extensive analysis of various biomarkers associated with neurodegenerative diseases. We particularly focus on several key biomarkers for Alzheimer's Disease. In addition to these, we offer customized panels that can include additional tests tailored to specific needs.

Feel free to reach out with any inquiries or to propose other biomarkers that may be of interest!

## ALZHEIMER'S DISEASE

Beta-amyloid protein (A $\beta$ 42 and A $\beta$ 40)

Neurofilament light chain (NfL)

Phosphorylated tau (p-tau181)

Total tau protein (t-tau)

# 2025 eBook: Specialist Insights on Motor Neuron Disease Biomarkers

Crescendo Crescendo offers a comprehensive quantification of various biomarkers relevant to Motor Neuron Diseases. Below are some examples of the biomarkers we focus on, and we also provide additional tests for customized panels.

Don't hesitate to contact us with any questions or to suggest other biomarkers you may need!

## AMYOTROPHIC LATERAL SCLEROSIS (ALS)

Neurofilament heavy chain (NfH)

Neurofilament light chain (NfL)

Superoxide dismutase 1 (SOD1)

TAR DNA-binding protein (TDP-43)

# 2025 eBook: Specialist Insights on Huntington's chorea

Crescendo Care provides a thorough quantification of various biomarkers related to Huntington's Disease. Below are some examples of the biomarkers we focus on, along with options for additional tests in customized panels:

We encourage you to reach out with any questions or to suggest other biomarkers that may be of interest!

## HUNTINGTON'S CHOREA

Brain-Derived Neurotrophic Factor (BDNF)

Mutant huntingtin protein (mHTT)

Neurofilament light chain (NfL)

# 2025 eBook: Specialist Insights on Multiple Sclerosis (MS)

Crescendo Care provides a comprehensive quantification of various biomarkers relevant to **Multiple Sclerosis (MS)**. Our analysis focuses on key biomarkers that play a significant role in diagnosing and monitoring the disease.

Below are some examples of the biomarkers we specialize in, along with options for additional tests in customized panels.

We encourage you to reach out with any questions or to suggest additional biomarkers that may suit your specific needs!

## MULTIPLE SCLEROSIS (MS)

Neurofilament light chain (NfL)

GFAP (Glial Fibrillary Acidic Protein)

Myelin basic protein (MBP)

Anti-aquaporin 4 antibodies (anti-AQP4)

# 2025 eBook: Specialist Insights on Parkinson's Disease (PD)

Crescendo Care offers targeted analysis of key biomarkers associated with **Parkinson's Disease (PD)**, focusing on their role in early diagnosis, disease progression, and therapeutic monitoring. By leveraging advanced technologies, we aim to identify and quantify biomarkers that provide critical insights into the molecular mechanisms of PD.

We also offer customizable panels to meet specific research or clinical needs. Contact us for more information or to suggest additional biomarkers tailored to your requirements!

## PARKINSON'S DISEASE (PD)

Alpha-synuclein

DJ-1 protein

Neurofilament light chain (NfL)