

Unique & Niche, Antibody & ELISA

IBL Newsletter
Winter 2024

Highlights – New Products: pTau 217 and NfL

Dear Valued Customers,

We hope this newsletter finds you well. This winter is relatively warmer than usual here in Japan but winter is winter. We are looking for a sign of spring here and there. This newsletter focus about our newly released products, pTau217 and NfL.



IBL started to focus on R&D in Alzheimer's disease (AD) more than 20 years ago. Since then, we have been continuously kept updating research and development of ELISA and antibody products that detect important proteins in AD research, such as Amyloid-beta Precursor Protein (APP), Amyloid β and Tau protein.

We are pleased to inform you that we recently released 2 new products in the field of neurodegenerative diseases.

Our product used reference

[Clinical Evaluation of Cerebrospinal Fluid p217tau and Neurofilament Light Chain Levels in Patients with Alzheimer's Disease or Other Neurological Diseases PMID: 38007650](#)

Human phosphorylated tau 217 (pTau217) for Alzheimer's Disease

Tau protein is a microtubule-associated protein and plays a role in stabilizing microtubules. Tauopathies such as Alzheimer's disease (AD) and frontotemporal lobar degeneration (FTLD) are known to be caused by abnormal accumulation of tau protein. It has been known that human phosphorylated tau 181 (pTau181) is elevated in CSF of AD patients. Recently, human phosphorylated tau 217 (pTau217) in CSF is elevated earlier than pTau181 so that it has been attracting a lot of attention as a novel biomarker for AD research.

New release!

[Human Phospho Tau\(217P\) ELISA Kit \(#27904\)](#)

Other Tau Product range:

[Human Total Tau ELISA Kit \(#27813\)](#)

[Human Phospho Tau\(181P\) ELISA Kit \(#27812\)](#)

AD related Products

[Human Amyloid \$\beta\$ \(1-38\) \(FL\) Assay Kit \(#27717\)](#)

[Human Amyloid \$\beta\$ \(1-40\) \(FL\) Assay Kit \(#27718\)](#)

[Human Amyloid \$\beta\$ \(1-42\) \(FL\) Assay Kit \(#27719\)](#)

[Human Amyloid \$\beta\$ \(1-43\) \(FL\) Assay Kit \(#27710\)](#)

Comprehensive product lineup

Neurofilament light chain (NfL) Biomarkers for neurological disorders status

Neurofilaments are usually composed of three intermediate diameter filament proteins, NfL, NfM, and NfH, and are associated with the maintenance of the inner diameter of nerves. Neurofilaments are expressed specifically in nerves and their expression increases after nerve injury from neurological or traumatic diseases so that they are attracting attention as biomarkers that reflect the state of neurological disorders.

New release!

[Human NfL \(Neurofilament light chain\) ELISA Kit \(#27903\)](#)

Aging,
Neurodegenerative

Alzheimer's disease (AD) etc.

Kidney Diseases

CKD, AKI, IgA Nephropathy (IgAN),
Hypertension, etc.

Inflammatory Diseases

Cancers, Arthritis, Hepatitis, etc.

Glucose /
Lipid Metabolism

Diabetes, Hyperlipidemia, Cardiovascular Events, etc.