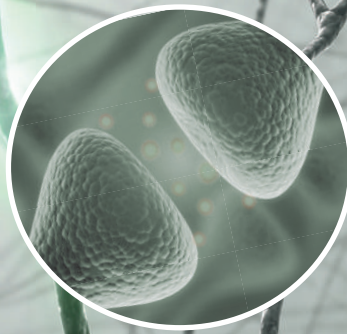




Biomarkers for neurodegeneration

Innovative ELISA test systems for the detection of biomarkers in CSF or plasma

Biomarkers for synaptic integrity



Pre-/post-synaptic
Neurogranin (trunc P75)*
BACE1

Biomarkers for brain pathology

Tau pathology
pTau(181)

Lewy body pathology
Alpha-Synuclein

Amyloid pathology
Beta-Amyloid (1-42)
Beta-Amyloid (1-40)
Beta-Amyloid (1-38)

Neuronal degeneration
Total-tau
pNf-H
Nf-L

Risk factors for neurodegenerative diseases

Apolipoprotein E
Genotype: ApoE ε2, ε3, ε4

* not available in Canada and the USA



EUROIMMUN test systems for neurodegenerative diseases

- Automatable
- Quality control samples for all tests
- Aligned protocols
- Analytically validated

Antigen detection

Available products	Description	Sample material	Order no.
Beta-Amyloid (1-38) ELISA	Test kit for the quantitative determination of beta-amyloid (1-38) as an additional diagnostic tool in suspected clinical amyloid pathology of the brain.	CSF Plasma	EQ 6501-9601-L* EQ 6501-9601*
Beta-Amyloid (1-40) ELISA	Test kit for the quantitative determination of beta-amyloid (1-40). Can be used to calculate the beta-amyloid (1-42)/beta-amyloid (1-40) ratio as an additional diagnostic tool in suspected amyloid pathology of the brain.	CSF Plasma	EQ 6511-9601-L EQ 6511-9601*
Beta-Amyloid (1-42) ELISA	Test kit for the quantitative determination of beta-amyloid (1-42) as an additional diagnostic tool in suspected clinical amyloid pathology of the brain.	CSF Plasma	EQ 6521-9601-L EQ 6521-9601*
Total-Tau ELISA	Test kit for the quantitative determination of total tau for the diagnosis of neuronal apoptosis.	CSF Plasma	EQ 6531-9601-L EQ 6532-9601*
pTau(181) ELISA	Phosphorylated tau determination is an additional diagnostic tool in suspected tauopathy in the brain of patients with neurodegenerative disorders.	CSF	EQ 6591-9601-L
BACE1 ELISA	Test kit for the determination of BACE1 protein concentration.	CSF	EQ 6541-9601-L*
Neurogranin (trunc P75) ELISA**	Test kit for the quantitative determination of neurogranin (trunc P75).	CSF	EQ 6551-9601-L*
Neurofilament (pNf-H) ELISA	Test for the quantitative determination of pNf-H (phosphorylated neurofilament heavy chain). Can be used as an additional tool for the early diagnosis of motoneuronal diseases like amyotrophic lateral sclerosis.	CSF Plasma	EQ 6561-9601
pNf-H high sensitive ELISA	Optimised test kit for sensitive detection of pNf-H in serum.	Serum	EQ 6562-9601*
Neurofilament (Nf-L) ELISA	Nf-L is released in the brain in the case of axon damage and serves as a marker for neurodegeneration.	CSF	Soon available
Alpha-Synuclein ELISA	Alpha-Synuclein is a measure for Lewy body pathology in the brain.	CSF	EQ 6545-9601-L*
Beta-Amyloid Control Set	CSF sample set with target values. Can be used for on-site training as well as regular internal quality control of amyloid and tau measurements.	CSF	CK 6500-0502-L*

*on request and for research use only

**not available in Canada and the USA

Molecular genetic diagnostics

Available product	Description	Sample material	Order no.
EUROArray APOE Direct	Test system for molecular genetic diagnostics of Alzheimer's disease and type III hyperlipoproteinemia, as well as other diseases associated with the alleles ε2, ε3 and/or ε4 of the APOE gene.	Full blood sample	MN 5710-0803-V MN 5710-0505-V MN 5710-1005-V MN 5710-2005-V