



Target 48 Neurodegeneration

Clarity in complexity

Absolute quantification. Key markers. Profound insights.



Absolute quantification

Gain previously inaccessible insights with absolute quantification

Compare across cohorts, timepoints, and studies to empower clinical translation. Generate rich and robust data from just microliters of plasma or CSF, maximizing the value of each precious patient sample.



Key markers

Confidently track key neurodegeneration biomarkers—all in one panel

Quantify pTau217, Aβ40, Aβ42, NfL, GFAP, and more in a single, scalable assay—saving time, cost and precious patient sample.



Profound insights

Dive into disease complexity with mechanistic breadth

Uncover disease-driving biology with biomarker content purposefully curated by global experts and biobank data—spanning synaptic proteins, neuroinflammation, clearance, and beyond.

Clarity in complexity

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Alzheimer's disease & other dementias
pTau217, Aβ40, Aβ42, GFAP, NfL, NPTX2, BACE1,
MMP10, DLB, FTD...

Multiple sclerosis
MOG, OMG, NGF, NFL, GFAP...

Parkinson's disease
DDC, SNCAIP, SCG2, LRRK2, GLRX...

Addressing key mechanisms and biomarkers with high risk association

Neurodegeneration

Aβ40, Aβ42, pTau217, NfL, WWOX, MOG, OMG, BMP7, EIF2AK2

Synaptic function

NPTXR, NPTX1, NPTX2, CLSTN3, GLRX, NLGN1, STX1B, SYT1

Clearance

DDHA1, BACE1, ENO2, KLK8*, TP53, SCG2

Neuroinflammation

GFAP, AGER, HLA-DRA, MMP10

Expand your coverage with inflammation biomarkers

Combine
Target 48
Neurodegeneration

Target 48 cytokine
Covering 45 key immune markers

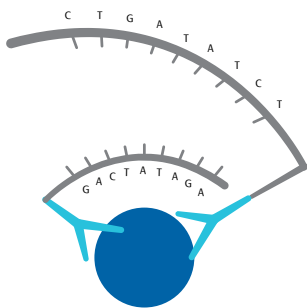
With panels such as

Olink® Flex
Allows for combining 5-30
key immune biomarkers into
one panel

Gain comprehensive insights into neurodegeneration and inflammation with a flexible, unified workflow and uncompromised performance.

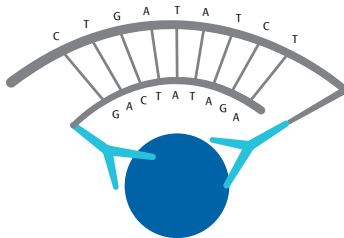
Olink's PEA™ technology. Published and trusted.

Immuno reaction



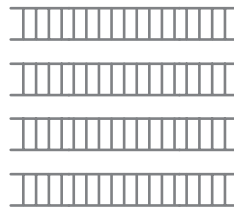
Antibody pairs, labeled with DNA oligonucleotides, bind target antigens in solution

Extension



Oligonucleotides that are brought into proximity hybridize and are extended by a DNA polymerase

Amplification and detection



This newly created double stranded DNA barcode is amplified by PCR, ready for readout by qPCR

Olink® Signature Q100



Maintenance free readout

Get access to PEA

Find a service provider

Discover Olink's global network of certified service providers committed to top-tier in next-generation proteomics.

<https://olink.com/service-providers>

Set up Olink in your own lab

Thinking about implementing PEA in your lab? Get started with Olink's expert training for seamless integration and top-tier proteomics.

<https://olink.com/technology/set-up-olink-in-your-lab>

Stay updated with our latest research on neurological biomarkers

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