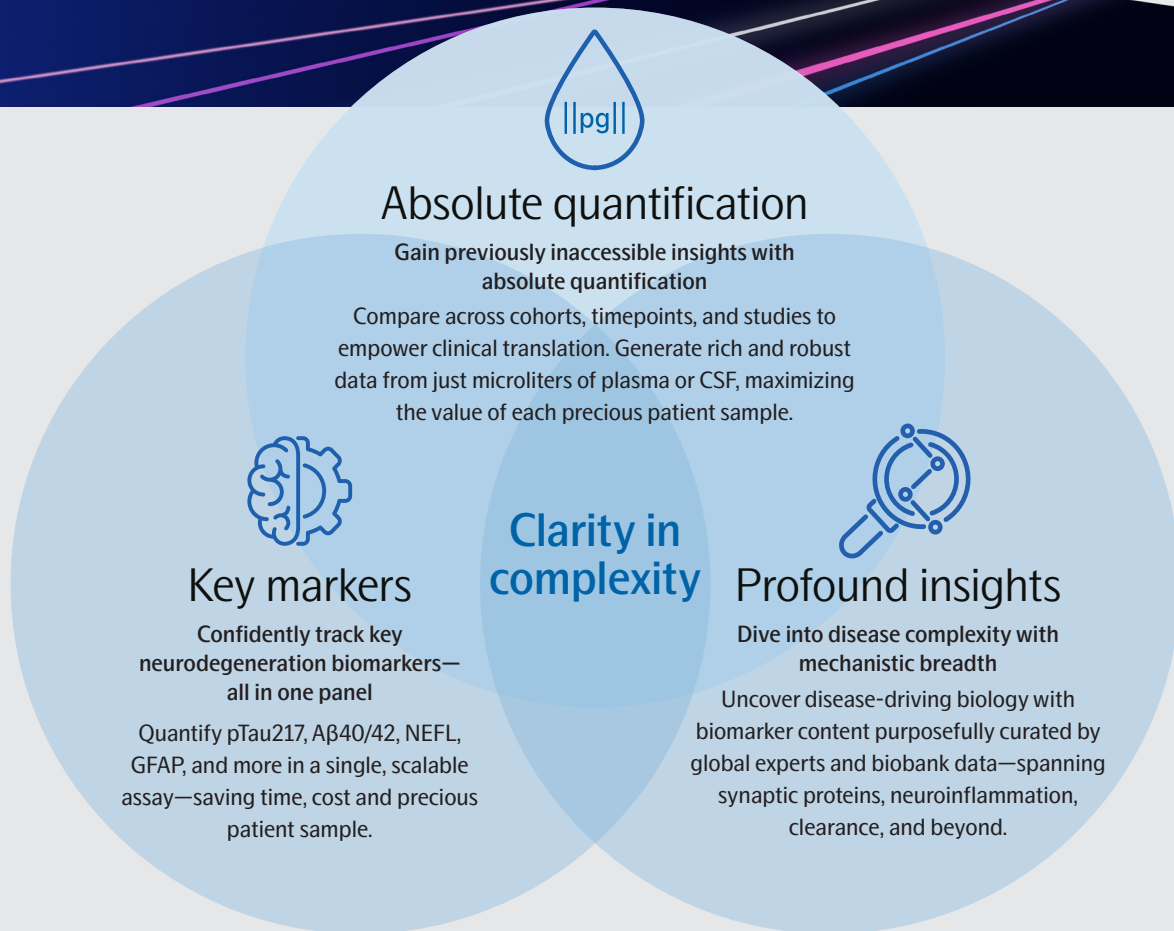
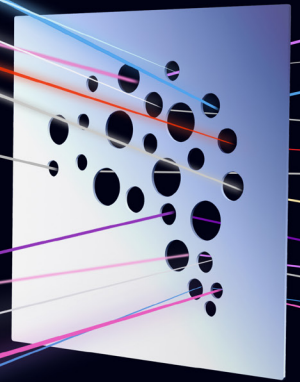




Target 48 Neurodegeneration

# Clarity in complexity

Absolute quantification. Key markers. 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.

### Alzheimer's Disease and other dementiatypes (DLB, FTD)

pTau217, Aβ40/42, GFAP, NfL, NPTX2, BACE1, MMP10...

### 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

Abeta40, Abeta42, pTau217, NEFL, WWOX, MOG, OMG, BMP7, EIF2AK2

### Synaptic function

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

### Clearance

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

### Neuroinflammation

GFAP, S100B, AGER, HLA-DRA, MMP10

# Expand your coverage with inflammation biomarkers

Combine  
Target 48  
Neurodegeneration

**Target 48 cytokine**  
Covering 45 key immune markers

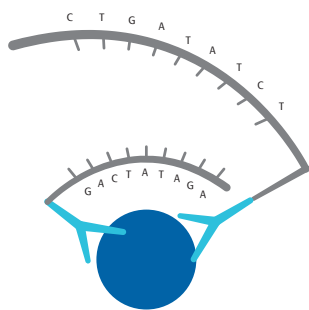
With panels such as

**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.

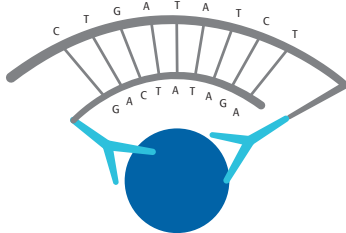
## Olink's PEA™ technology. Published and trusted.

### 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>

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