



Olink® Reveal Proteomics, Unplugged

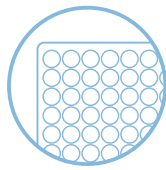


Powerful NGS-based proteomics—
effortlessly uncover meaningful insights



Powerful Content

- Broad proteome coverage
- Deep profiling of inflammation processes



Simplified Workflow

- Seamlessly integrated with NGS
- Efficient library prep with standard lab techniques



Accessible Solution

- Affordable library prep
- Access to proprietary data analysis tools

Powerful Content, Actionable Insights

Broad proteome coverage

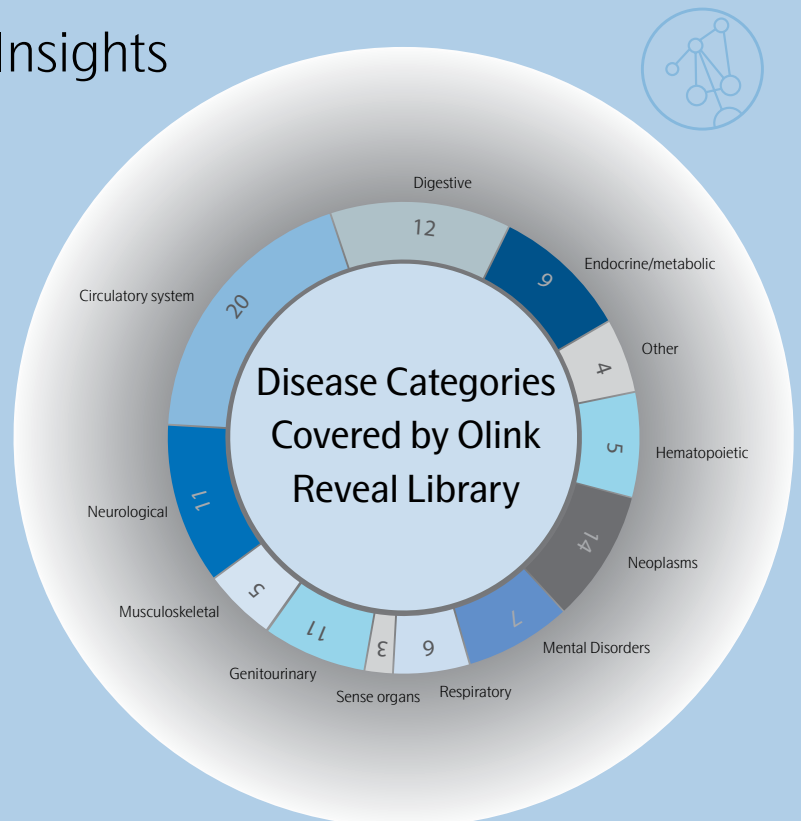
100% top level pathways and 64% of all pathways in Reactome¹

Deep profiling of inflammation

537 inflammation proteins covering 96% of immune response pathways in Reactome²

Curated library

~1,000 proteins, robustly detectable markers, with high proportion of *cis*-pQTLs for proteogenomics associations³



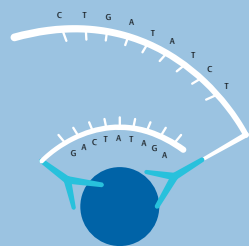
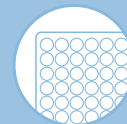
1 - Reactome.org, 2 - Reactome, Open Targets and Gene Ontology, 3 - PMID: 37794186, 39316441, 37794188

Inner circle: number of diseases, grouped by category, identified with the Olink Reveal Library and demonstrated through the comparison with the UK Biobank results, insight.olink.com/olink-data/reveal-ukb. Outer circle: Broader disease potential.

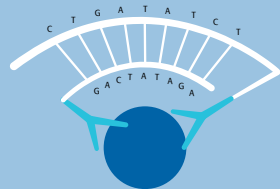
“Olink Reveal enabled us to identify biomarkers relevant for prediabetes that correlate with clinical data in our biobank samples.”

Professor Karol Kaminski, Medical University Bialystok

Easy workflow seamlessly integrated with NGS



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



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



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



Works with a range of mid- and high-throughput sequencers
• NextSeq 2000 • NovaSeq X
• NovaSeq 6000 • and more

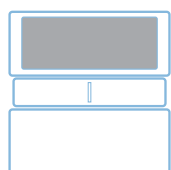


Comprehensive software tools for all knowledge levels
• QC raw data
• Data analysis and visualization

Accessible Solution, Optimized for Cost Effectiveness



NGS-based



Integrated with NGS - no new instruments needed

Standard techniques



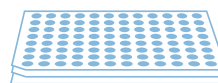
Utilizes existing lab methods with standard pipetting techniques

Lower costs



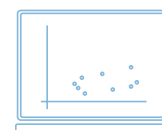
Affordable library prep at \$98 per sample and lower sequencing costs

Easy protocol



Easy protocol with pre-mixed, dried down reagents

Sample-to-answer toolbox



Complete suite of software tools covering the data journey from study design to analysis and biological understanding

Olink Reveal Performance Specifications

- High Sensitivity: Detects as low as fg/ml
- Broad Compatibility: Validated in plasma and serum; compatible with various other matrices
- High Precision:
Intra-plate CVs: 8.1%
Inter-plate CVs: 4.8%
Inter-site CVs: 6.3%
- Robust Marker Detection: Reliable performance across a wide range of biological markers
- Biological Detectability Range: 86-100%
- NGS Platform Compatibility: Supports multiple platforms, including NovaSeq X, NovaSeq 6000, NextSeq 2000, and more
- Reproducibility: High concordance with other Olink products based on overlapping content (R=0.95 Olink Explore HT, R=0.94 Olink Explore 3072, R=0.90 Olink Target 96 Inflammation) and high concordance between sites (R= 0.96-0.98)

“Core facilities will be interested in adopting Olink Reveal because there is no need for capex, and it just plugs into the normal genomics workflow.”

Catharine Aquino, Functional Genomics Center Zurich, ETH Zürich

Contact us to start your proteomics journey today with Olink Reveal or any of our other proteomics solutions at www.olink.com/reveal

