



Olink™ Reveal

Protein Biomarker Discovery



Novogene, a certified Olink™ Reveal provider, integrates Olink's PEA technology with NGS for precise, high-throughput protein quantification. Empower your proteomics research with unmatched accuracy and efficiency.

Olink™ Reveal offers cost-effective and scalable solution featuring:

- Broad proteome coverage: 100% top-level pathways, and 64% of all pathways in reactome.
High Sensitivity as low as fg/ml. Intra-plate CVs: 8.1% Inter-plate CVs: 4.8%
- >1,000 proteins, specifically chosen for detectability and relevance to inflammation and immune response, to unlock deep insights into disease biology.

Our end-to-end service includes:

Expert library preparation

High-quality sequencing

Comprehensive data analysis

Our Key Features and Advantages

Reliable Results



Certified by Olink™ for Quality You Can Trust.

As an Olink™ Certified Service Provider, we adhere to rigorous quality assurance protocols to ensure data integrity and consistency.

Fast Service



Standard turnaround time: 3 weeks.

As little as 3 weeks T.A.T for samples submitted in quantities of 86 or multiples thereof.

Proven Expertise



Extensive project experience in Olink™ platforms.

We have supported complex study designs across a wide range of sample types: Plasma, Serum, BAL fluid, Cell/tissue lysates, and more.

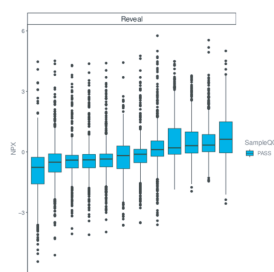
Sample Requirements

Sample Type	Sample Amount	Storage/ Transport Condition	Others
Serum/Plasma	50µL or more in 1.5mL tubes	Please include sufficient amount of dry ice and send by frozen delivery, to avoid sample thawing during shipping.	Store Sample at -80°C immediately after extraction. Hemolysis may affect analysis results. Avoid freeze-thaw cycles.
Other Sample Matrix	Cerebrospinal Fluid (CSF), Cell/Tissue Lysates, and more (Contact us for more information)		

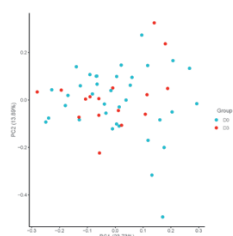
Analysis Content

Standard Analysis	Software
Data Normalization Box plot of NPX distribution	NPX™ Map CLI OlinkAnalyze
Protein Expression Level Analysis - Principal component analysis among groups - Clustering heatmap for all samples.	OlinkAnalyze
Differential Protein Expression Analysis - Statistics analysis of differentially expressed proteins - Cluster analysis of differentially expressed proteins	OlinkAnalyze R package (ggplot)
Functional Analysis - GO/KEGG/Reactome enrichment analysis - Protein-protein interaction network analysis	ClusterProfiler Custom script

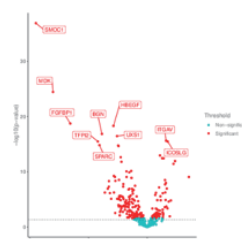
Demo Analysis Results



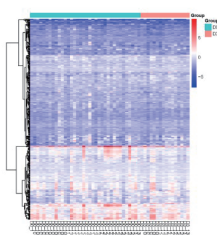
QC Box Plot



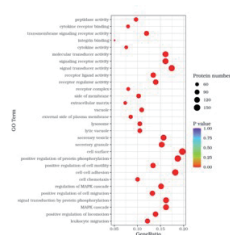
Principal Component Analysis (PCA) plot



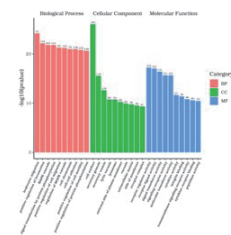
Differential Volcano Plot



Differential Expression Protein Clustering Heatmap



Go/KEGG/Reactome Enrichment Analysis Scatter Plot



Go/KEGG/Reactome Enrichment Analysis Histogram



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