



Olink[®] Explore HT Service: Protein Biomarker Discovery in Plasma & Serum



Novogene presents Olink's Explore HT service, a cutting-edge solution that merges the precision of Proximity Extension Assay (PEA) technology with the capabilities of Next-Generation Sequencing (NGS). This powerful platform enables high-throughput protein profiling across various disease areas, delivering valuable insights into your research. With the ability to analyze 5,400+ proteins in a single assay, this sophisticated approach ensures accurate protein measurements, supporting significant advancements in proteomics research.

Novogene is a certified provider of Olink's Explore HT service and offers seamless, end-to-end solutions, including sample preparation, library preparation, sequencing, and data analysis.

Why Novogene?



Reliable Results

Illumina NovaSeq Q30 \geq 85% guarantee



Large Capacity

Unmatched automation and throughput



Latest Technology

Illumina, Olink



Fast Turnaround

Faster than local cores and the vast majority of service providers



Expert Analysis

"Publication-ready" data provided by expert bioinformaticians

Service Highlights

- ▶ **Comprehensive Protein Profiling:** Measure over 5,400 proteins to uncover valuable biological insights.
- ▶ **High Performance:** Benefit from high specificity, throughput, and coverage for reliable results.
- ▶ **Broad Dynamic Range:** Detect low-abundance proteins with ease.
- ▶ **End-to-End Support:** Enjoy the advantage of Novogene's seamless services, from sample preparation to data analysis.
- ▶ **Integration with NGS:** Combine PEA with the power of NGS for precise, high-throughput data acquisition.



Sample Requirements

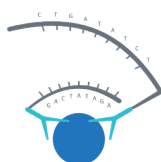
Sample Type	Sample Amount	Others
Serum/Plasma	≥50 μL in 96 well plate	Store the sample at -80°C immediately after extraction, as hemolysis may affect analysis results.

*Please include a sufficient amount of dry ice and send it by frozen delivery to avoid sample thawing during shipping.

**Please contact us for more information about any other sample types.

Service Workflow

IMMUNO REACTION



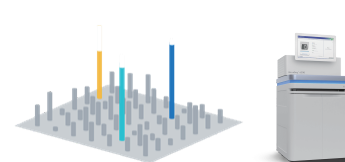
EXTENSION/ PRE-AMPLIFICATION



LIBRARY PREP.



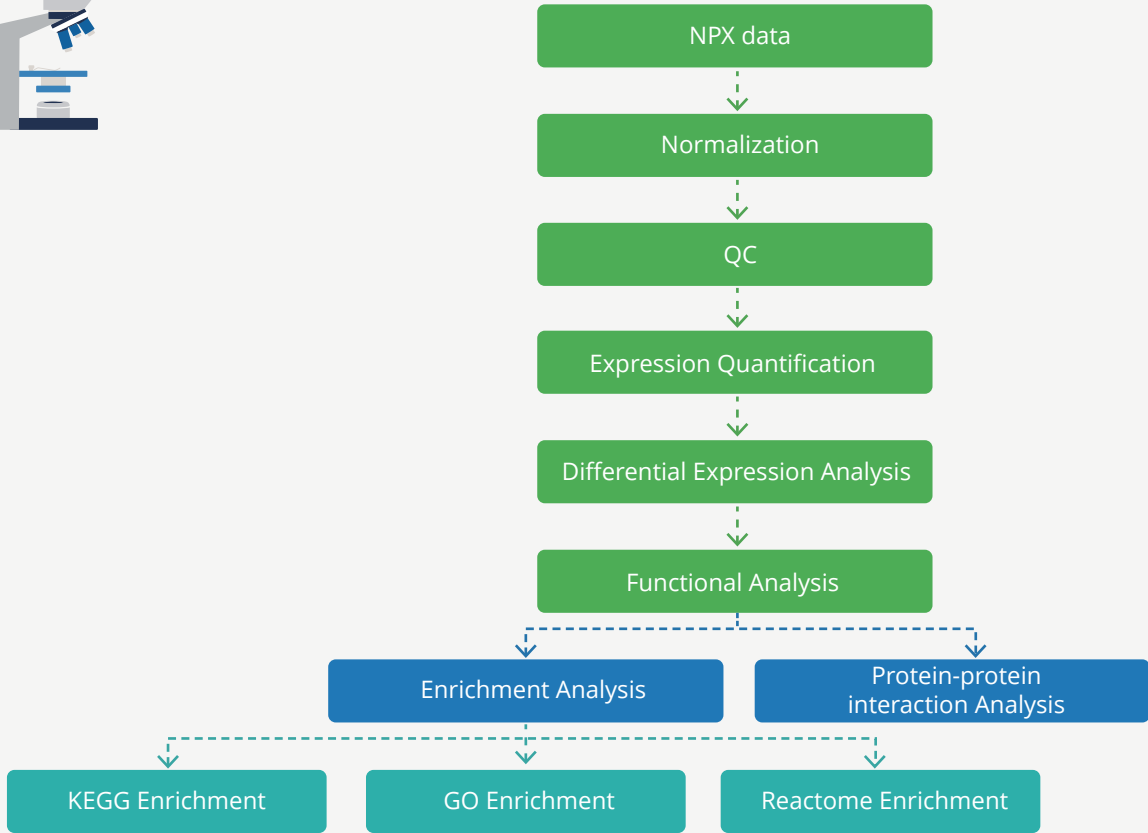
DETECTION



Sequencing Strategy: NovaSeq 6000 SE35

Turnaround Time: 32 working days from sample login to data report delivery.

Analysis Pipeline



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