

End to End Olink® Explore HT Service- Protein biomarker discovery



Novogene offers Olink's Explore HT service, which combines the strength of Proximity Extension Assay (PEA) technology with the power of Next-Generation Sequencing (NGS). This advanced approach enables researchers to achieve precise measurement of proteins, driving breakthroughs in proteomics.

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

Why Novogene?



Reliable Results

Illumina NovaSeq
Q30 ≥ 85%
guarantee



Large Capacity

Unmatched
automation and
throughput



Latest Technology

Illumina, Olink



Fast Turnaround

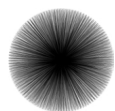
Faster than local cores
and the vast majority of
service providers



Expert Analysis

"Publication-ready" data
provided by expert
bioinformaticians

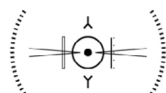
Service highlights



Proteins

5,400+

Across 10 logs of
dynamic range



Specificity

99.5%

Negligible cross-
reactivity



Throughput

4x

Increase



Readout

NGS

Automated workflow
& software



Sample

50µl

Plasma, serum or
other matrices

Service Advantages

- 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 Next-Generation Sequencing (NGS) for precise, high-throughput data acquisition.

Service Applications

- Biomarker discovery and mutiomics studies
- Disease mechanism studies
- Drug development
- Clinical and translational research
- Immunology and Inflammation research

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