

Novogene Spatial Transcriptomics Service



Leveraging advanced technologies from 10x Genomics®, STOmics®, Illumina®, and Ultima®. Novogene delivers scalable, high-quality spatial transcriptomics solutions. Our integrated services cover sample processing, library preparation, sequencing, and bioinformatic analysis. Supporting 10x Visium HD, 10x Visium HD 3', and Stereo-seq OMNI, we enable both high-resolution and high-throughput spatial gene expression profiling for diverse research and translational applications.

Spatial Transcriptomics Service

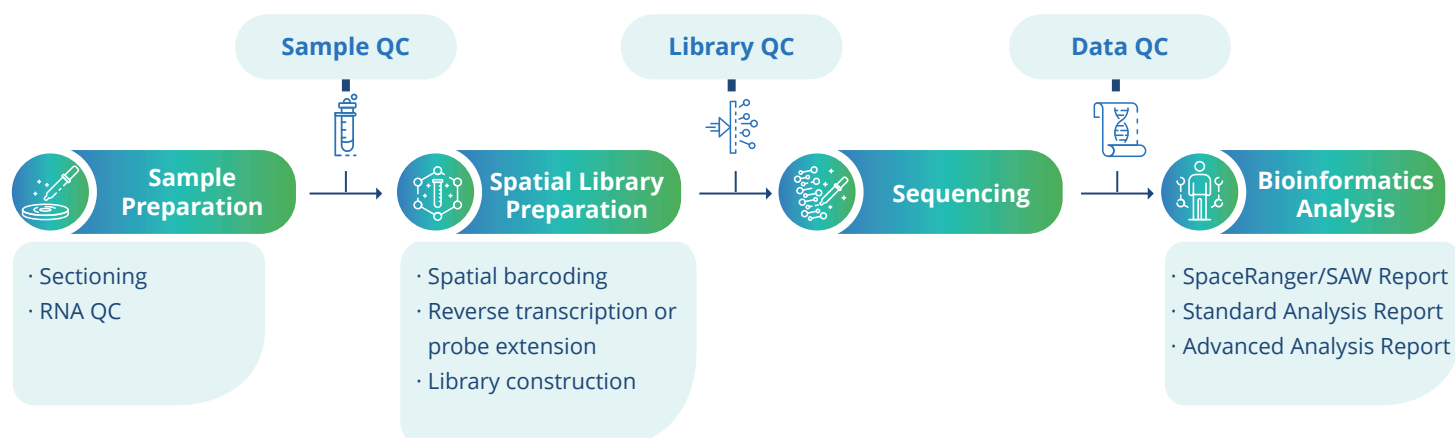
• 10x Genomics

10x Visium HD
10x Visium HD 3'

• STOmics

Stereo-Seq OMNI FFPE

Project Workflow



Sample Requirements

Service	Species	Sample Input Type		
		FFPE Blocks	FFPE Slides	FF OCT Blocks
10x Visium HD	Human & Mouse	✓	✓	✓
10x Visium HD 3'	Broad Eukaryotes*	✗	✗	✓
Stereo-Seq OMNI FFPE		✓	✓	✗
Sample Requirement		1 block, placed in a plastic dehydration box	<ul style="list-style-type: none"> RNA QC: 5-10 FFPE sections (10µm thickness), placed in a tube; Library construction: 2-4 FFPE tissue sections (5µm thickness), placed on slides and stored in slide mailing boxes 	Tissue thickness >1mm, area <6.5×6.5mm
Storage Conditions		4°C storage after embedding, protected from light	Dry and sealed, 4°C storage for no more than 30 days	-80°C storage, mark the cutting surface on the embedding box
Shipping Conditions		4°C or room temperature	4°C or room temperature	Dry ice shipping

*Broad Eukaryotes: any species with poly-A tail

Why Choose Novogene Spatial Transcriptomics?

PhD-Level Expert Team



- All-PhD experimental & bioinformatics team
- **20+ years** of clinical pathology experience
- Certified partner of 10x Genomics & STOmics Stereo-seq

Advanced Platforms



- 10x Visium HD, Visium HD 3', Stereo-seq
- Leica CM3050S cryostat & Aperio Versa 8 fluorescence microscope

Proven Experience



4,000+ projects | **50+** species | **100+** tissue types

High Impact Outcomes



- **350+** publications in *Nature*, *Cell*, etc.
- Total impact factor > **4,800**



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