Exosomes & Extracellular Vesicles

EV isolation, characterization, and omics on the vesicle cargo.

Vesicles carry a readable signal, and they can be collected from a liquid sample when a biopsy is not available. Isolation, characterization and cargo profiling run as one workflow, so what you measure is what you verified you isolated.

TECHNIQUES AVAILABLE

TECHNIQUE	WHAT IT MEASURES	TYPICAL USE
EV isolation	Vesicles separated from the sample matrix	Ultracentrifugation, precipitation or size-exclusion, chosen by matrix
Characterization	Particle size, concentration and marker identity	Verifying the isolate before anything downstream
Cargo analysis	RNA and protein carried by the vesicles	Biomarker discovery from a liquid sample

WHAT THESE TECHNOLOGIES LET YOU DO

Work from a liquid sample

Plasma or culture supernatant, where a tissue biopsy is not available or not repeatable.

Verify what you isolated

Particle counts and marker validation come before cargo profiling, not after it.

Profile the cargo

RNA and protein carried by the vesicles, quantified for biomarker work.

Sample the same subject again

A liquid collection can be repeated over time, which a biopsy usually cannot.

Where this platform stops. Analysis and interpretation of the cargo data are run by GenXMap's computational team. Ask for them in the same quote.

SAMPLES, DELIVERABLES AND ORDERING

Samples. Plasma, serum, culture supernatant and other biological fluids.

Collection, volume and storage conditions are published per sample type, and the RNA criteria apply to cargo work.

omics4.com/sampling-protocols

Deliverables. Characterization data for the isolate, plus the cargo results and the QC report of the run.

Exports in the formats your team already imports. Turnaround published per service.

omics4.com/turnaround-times

Ordering. Request a quote with your sample type, the number of samples and the question you are asking.

We confirm feasibility before you ship anything.

omics4.com/request-a-quote

QUOTES AND ORDERING

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SAMPLES, PROTOCOLS, QC

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LABORATORY

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