

Extraction & Quality Control

Nucleic acid and protein extraction, followed by documented QC at every stage.

Extraction is only half of it. Every deliverable leaves with its QC report: concentration, purity and integrity measured at intake, after extraction and before library preparation.

TECHNIQUES AVAILABLE

TECHNIQUE	WHAT IT MEASURES	TYPICAL USE
DNA, RNA and protein extraction	Nucleic acids and protein recovered from the sample matrix	Blood, tissue, cells, FFPE, saliva, plasma, stool and bacteria
Concentration and purity	Fluorometric quantification and absorbance ratios	Confirming a sample can support the run you are planning
Integrity	Electrophoresis, scored per sample	Deciding whether degraded material is still usable
QC reporting	A documented report for every batch	The record a reviewer, a sponsor or an auditor asks for

WHAT THESE TECHNOLOGIES LET YOU DO

Know what your material supports

Measure before committing a cohort to a sequencing run, not after.

Extract once, split downstream

One extraction can supply sequencing, PCR and protein work.

Recover usable material from archival blocks

FFPE and degraded samples are handled on their own criteria, not on a threshold built for fresh tissue.

Document every sample

A QC report per batch, ready to attach to a submission or an audit.

Where this platform stops. Sequencing, PCR and protein analysis are separate platforms. Analysis and interpretation are run by GenXMap's computational team.

SAMPLES, DELIVERABLES AND ORDERING

Samples. Blood, tissue, cells, FFPE, saliva, plasma, stool and bacteria, among others.

Minimum input, concentration, purity and integrity criteria are published per sample type, for DNA and for RNA.

omics4.com/dna-sample-requirements

Deliverables. Extracted nucleic acid or protein, plus a documented QC report for every sample and every batch.

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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OPERATED BY

GENXMAP
omics4.com/platforms#p-qc