Extraction & quality control

DNA, cfDNA, RNA, small RNA, cfRNA and protein extraction, with documented QC at every stage.

Extraction is only half of it. Every batch ships with its QC report: concentration, purity and integrity measured on arrival, after extraction and before library preparation.

WHAT THIS PLATFORM RUNS

SERVICE OR TECHNIQUE	WHAT IT COVERS	TYPICAL USE
DNA, RNA and protein extraction	DNA, cfDNA, RNA, small RNA, cfRNA and protein, at high yield and purity	Blood, tissue, cells, FFPE, saliva, plasma, stool and bacteria
Concentration and purity	Fluorometric quantification (Qubit), 260/280 and 260/230 ratios	Confirming a sample can support the run you are planning
Integrity	Bioanalyzer or TapeStation electrophoresis, scored as RIN (RNA) or DIN (DNA)	Deciding whether degraded material is still usable
QC reporting	A documented QC report with every batch, ready for audit	The record a reviewer, a sponsor or an auditor asks for

WHAT IT LETS YOU DO

Know what your material supports

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

Recover usable material from archival blocks

FFPE and degraded samples are read on their own criteria (DV200 for RNA), not on a threshold built for fresh tissue.

Extract once, split downstream

One extraction batch can supply sequencing, PCR and protein work.

Document every batch

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

Where this platform stops. Sequencing, PCR and protein analysis are ordered on their own platforms. Analysis and interpretation are run by GENXMAP's computational team.

Turnaround. Standard (4–6 weeks) / Priority (2–4 weeks): business days, from GO after sample reception QC. Routine services run to 72 hours (for example genotyping once the line is validated). The date in your quote is the one that binds us.

SAMPLES, DELIVERABLES AND ORDERING

Samples. Blood, tissue, cells, FFPE, saliva, plasma, stool and bacteria. If yours is not listed, describe it.

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

genxmap.com/lab/sample-submission-guidelines#dna

Deliverables. The extracted nucleic acid or protein, plus a documented QC report for every batch.

Quality-controlled primary data and platform documentation. Analysis and interpretation can be added to the same quote.

genxmap.com/lab/turnaround-times

Ordering. Request a quote with your sample type, the number of samples and the question you are asking. We reply within 2 business days.

Not sure of the input? We confirm it before you ship anything.

genxmap.com/contact

QUOTES AND ORDERING

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SAMPLES, PROTOCOLS, QC

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LABORATORY

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