

# 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                                                    |
|----------------------------------------|------------------------------------------------------------|----------------------------------------------------------------|
| <b>DNA, RNA and protein extraction</b> | Nucleic acids and protein recovered from the sample matrix | Blood, tissue, cells, FFPE, saliva, plasma, stool and bacteria |
| <b>Concentration and purity</b>        | Fluorometric quantification and absorbance ratios          | Confirming a sample can support the run you are planning       |
| <b>Integrity</b>                       | Electrophoresis, scored per sample                         | Deciding whether degraded material is still usable             |
| <b>QC reporting</b>                    | 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](https://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](https://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](https://omics4.com/request-a-quote)

## QUOTES AND ORDERING

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+33 7 69 44 16 18

## SAMPLES, PROTOCOLS, QC

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## LABORATORY

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