

Quantitative PCR & Genotyping

qPCR and digital PCR for fast, precise quantification on small sample volumes.

When the question is about a handful of targets rather than a whole transcriptome, PCR answers it faster, on less material, and with the precision absolute quantification allows.

TECHNIQUES AVAILABLE

TECHNIQUE	WHAT IT MEASURES	TYPICAL USE
qPCR	Relative and absolute quantification	Following a defined set of targets across many samples
Digital PCR	Absolute quantification, partition by partition	Rare targets and low-abundance variants, where qPCR reaches its limit
Genotyping	SNP genotyping and copy-number assays	Screening a cohort on known variants
Pathogen detection	Targeted detection assays	Presence, absence and load of a specified agent

WHAT THESE TECHNOLOGIES LET YOU DO

Measure a few targets precisely

Small volumes, published turnaround, and a result you can act on quickly.

Screen a cohort on known variants

SNP genotyping and copy-number assays across many samples at once.

Quantify what is barely there

Digital PCR resolves rare targets and low-abundance variants that a relative method cannot separate.

Confirm a sequencing result

An orthogonal method on the same material, which is what a reviewer looks for.

Where this platform stops. Assay design support, analysis and interpretation of the results are run by GenXMap's computational team. Ask for them in the same quote.

SAMPLES, DELIVERABLES AND ORDERING

Samples. Extracted DNA or RNA, or the sample itself if extraction is part of the project.

Minimum input and quality criteria are published per sample type, for DNA and for RNA.

omics4.com/dna-sample-requirements

Deliverables. Result tables per plate and per sample, with 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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