

KodaPure Quick Protocol

Magnetic-bead DNA extraction for tissue, blood, buffy coat, and cultured cell workflows.

Representative sample inputs

Sample	Representative input
Fresh or frozen tissue	Up to 25 mg
Whole blood	Up to 200 μ L
Buffy coat	Case-by-case review in technical sheet
Cultured cells	Up to 5×10^6 cells

Workflow

1. Lysis: release DNA into solution, about 5-10 minutes.
2. Bead binding: add magnetic beads and binding reagents, about 10-15 minutes.
3. Magnetic separation and wash: isolate bead-bound DNA and clear carryover, about 20-25 minutes.
4. Elution: recover purified DNA into fresh buffer, about 10 minutes.

Representative output posture

- A260/A280 typically 1.8-2.0
- A260/A230 typically above 1.7
- Downstream use: PCR, qPCR, ddPCR, NGS, and Sanger after QC review