

Sizing and Quantitation Sample Submission Guidelines

Service Request

Please **submit a service request online** *before* dropping off or sending your batch of samples to our sequencing facility.

File Naming

The **Filename** is used for the output trace and text files we generate for you. Each filename must include a **common identifier** (such as your initials) followed by a dot and your sample name.

Example: MC.sample_name-1

Do not use the following characters in filenames:

\ / | : * ? (space)

Please also ensure filenames do **not exceed 15 characters**.

Sample Buffer

DNA/RNA should be eluted in one of the following:

- **10 mM Tris-HCl (pH 8.5)**
 - **Ultrapure water**
 - **A buffer free of high salts and solvents**
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Sample Delivery Conditions

Please observe the following temperature conditions for transport:

Sample Type	Delivery Condition
Aqueous DNA samples	Wet ice
Aqueous RNA samples	Dry ice
Dry DNA/RNA in ethanol or sodium acetate	Room temperature

Sample Volume Requirements

- **Sizing *or* quantitation service only:** Minimum **2 µL** per sample
- **Both services:** Minimum **5 µL** per sample

Smaller volumes may be accepted, but **prior approval** from a Micromon staff member is required.

Concentration Information

For **sizing service only**, please provide the **sample concentration** (Qubit preferred). Accurate concentration data are essential for reliable sizing analysis.

Additional Instructions

If your **DNA samples are larger than 5 kb**, or if you require **DV200 values for RNA samples**, please include this information in the “*Additional Instructions*” field of your submission form.

Sample Delivery

Samples may be delivered to **MGMP (Genomics Node)** — NGS or **Sanger Laboratories** — between **9:00 am and 5:00 pm**.

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