

MICROARRAY FACILITY

Mount Sinai School of Medicine

Form #: A01

Version: 1

Effective Date: 09/10/01

Agilent Bioanalyzer Sample Submission Guidelines

Submit your sample to Microarray Facility @ Annenberg 19-241

Please Note: Agilent total RNA integrity is based on the mass ratio of 28S/18S. It can not replace the OD spectrophotometric determination for your RNA purity (260/280 in Tris buffer) and quantity (260).

Prepare your RNA concentration in a range of 25 to 500 ng / μ l (nano assay) or 500 pg to 5 ng/ μ l (pico assay) to avoid additional charge. A volume of 3 μ l per sample is required and 5 μ l is recommended. Place your RNA in a **0.5 ml** microtube.

To submit your RNA samples,

1. Fill out an “**Agilent Sample Submission Form**” in advance.
2. Label your samples on the tube in the following way:
 - a. **Numerically**
 - b. **PI’s initial**
 - c. **Date**

For example: #1, TC, 2/25/02; #2, TC, 2/25/02, etc.

3. Clearly refer the label on the tube back to the ‘sample information’ on the form.
For example: #1: 3T3_untreated, #2: 3T3_treated with IFN , 4hr, #3: 3T3_treated with IFN, 8 hr, etc.
4. Please **call ahead** @ x44147 to arrange time for sample submission.
5. The samples should be transported on dry ice if already frozen.

You have to indicate the concentration level of your samples in order to run an appropriate assay.

- \$5 additional charge per sample is applied to any adjustment of sample concentration.