

# 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 19-80

**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 **100 to 500\*** ng / $\mu$ l. **5 ml** is recommended. However 3  $\mu$ l per sample is required. 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 @ 44147 for sample deposit on Monday, Tuesday and Friday between 1 to 4 PM.
5. The samples should be transported on dry ice.

\*. Lower concentration of RNA sample is accepted upon request.