

# MICROARRAY FACILITY

Mount Sinai School of Medicine

Form #: B01

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## Affymetrix Partial Service Sample Submission Guidelines

**Submit your sample to Microarray Facility Affymetrix Core @ Annenberg 19-241**

- Before submitting your sample, please make sure the good quality of your IVT product and the fragmented cRNA (e.g., gel electrophoresis, OD). This is essential because the submitted sample will be used directly for the preparation of the hybridization cocktail and subsequent procedures.

Submit **20 µg** of fragmented labeled cRNA at a concentration of **1.0 µg/µl**. If less quantity of cRNA is available, a minimum of 15 µg is required.

To submit your RNA samples,

1. Fill out an “**Affymetrix Sample Submission Form**” in advance and please select partial service option.
  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.
  5. The samples should be transported on dry ice if already frozen.
  6. Remember - if you wish to use your own genechip arrays, submit the arrays together with your samples. They should be labeled with PI’s initial and date.
  7. We currently stock Hu133 Plus 2.0 arrays and Moe 430 Plus 2.0 arrays in the facility. We also take orders for any other type of arrays (by package).
- \* To avoid the additional charge and remain on schedule, please make your RNA concentration as accurate as possible.
  - \* We can only put you on schedule when the samples are submitted.