

**Microarray Core Facility Sample Submission Form**

**Page 1 of 2**  
*Center for Functional Genomics*  
*University at Albany*  
*East Campus, Room 328*  
*One Discovery Drive*  
*Rensselaer, NY 12144-2345*

Principal Investigator\*: \_\_\_\_\_ Date\*: \_\_\_\_\_

Institution\*: \_\_\_\_\_

Lab. Contact Person\*: \_\_\_\_\_ Contact Phone\*: \_\_\_\_\_

Contact E-mail: \_\_\_\_\_ Contact Fax\*: \_\_\_\_\_

Grant No\*.: \_\_\_\_\_ [or] P.O. No\*.: \_\_\_\_\_

**\*All fields need to be filled out (Grant # for UAlbany only, all others need PO or CC#)**

**Project Title\*:** \_\_\_\_\_

RNA information:										
Sample Number	Sample Name (AB1, AB2 etc)	RNA type (total, mRNA, IP, cRNA)	Sample Description (include any treatment details, indicate controls)	Conc. (µg/µL)	Total Amount	A <sub>260</sub> /A <sub>280</sub> Ratio	Organism	Source Tissue/Cells	RNA Isolation Method	Microarray type (from Table I)
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

The minimum amount of material necessary varies from 10 pg – 5 ug depending on the microarray type. Please refer to Table I next page to determine starting amount RNA for each array type. OD 260/280 ratios must be between 1.8 - 2.1 for each sample. Each sample should be provided in a single 1.5 mL microfuge tube with the initials of the Principle Investigator and a sample number written on the top. Samples that do not meet the above criteria may be assessed an additional RNA set up fee or returned unprocessed. Samples will be assayed for RNA quality by Agilent BioAnalyzer prior to microarray analysis. Investigators are responsible for all costs associated with failed or poor quality reactions caused by poor RNA samples.

**Initials** \_\_\_\_\_

**I have read and understand the above policies**

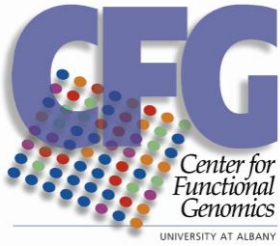


Table I

Microarray type	Minimum Starting amount (total RNA)
Affymetrix 3' expression	2 ug
Affymetrix 3' expression (small sample prep)	50 ng
Affymetrix Whole Transcript – GENE ST	150 ng
Affymetrix Whole Transcript – EXON ST	1.5 ug
Nugen pico amplification	10 pg
Affymetrix Tiling	3.5 ug
Affymetrix microRNA	200 ng
Agilent microRNA	150 ng
Agilent Expression	1 ug
Nimblegen Expression	1 ug
Other Slide arrays	5 ug

Table II Analysis Needed : Yes  No

Comparison Instructions	Baseline (ex. AB1)	Experimental (ex.AB2)
Pair 1		
Pair 2		
Pair 3		
Pair 4		
Pair 5		
Pair 6		
Pair 7		
Pair 8		
Pair 9		
Pair 10		

**Special Instructions**

Please indicate if you wish to have the samples returned to you and provide an account number for shipping charges. Unless box is checked and billing info provided, we will discard the samples at the end of the study.