



MICROARRAY FACILITY

Microarray Facility
 1015 Hemenway
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 Phone : (913) 588-7127
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<http://www.kumc.edu/microarray>

Order Form¹

Principal Investigator: _____ Submitted By: _____

Contact E-mail Address: _____ Phone Number: _____

PO/Account Number: _____ Date Submitted: _____

Billing Address: _____ Mail Stop: _____

Research Institution: _____ Department: _____

Laboratory Address: _____ Mail Stop: _____

Sample Preparation Instructions

- Nucleic Acid
 Samples submitted for Microarray Analysis must be resuspended in Nuclease-free H₂O (Ethanol precipitates will not be accepted) Please refer to the following link for submission concentration and quantities required. [Guidelines for RNA/DNA submission](#).

-If submitting tissue or cells for RNA/DNA isolation please refer to the following link: [Submission Guidelines for Nucleic Acid Isolation](#).

-If using Trizol or other organic extraction procedures, it is recommended that the Phase Lock Gel protocol be utilized ([Trizol/Phase Lock Protocol](#)). Purification using Qiagen Rneasy kit or other comparable kit based isolations are acceptable. The 260/280 ratio for total RNA should be 1.8-2.0.

Sample Name ²	Agilent only	RNA Isolation	DNA Isolation	Sample Origin	Species	Total RNA Conc. ug/ul	260/280 Ratio	Indicate Sample Profile from MDMS ³	GeneChip Type ⁴
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9.									
10.									
11.									
12.									

1 - Establish the profiles for your experiment on the Microarray Data Management System (MDMS) <https://bioinformatics8.kumc.edu/mdms/login.php> prior to sample submission. Please contact the Microarray Facility for assistance.

2 - Label top of sample tube with the same sample name present on the order form (six characters maximum). Supply samples in 1.5ml tubes.

3 - Please indicate the appropriate MDMS animal profile for each sample submitted.

4 - Please refer to the Affymetrix web site at www.affymetrix.com for available GeneChip arrays or contact the Microarray Facility for assistance.

Core Use Only

GeneChips: _____ Target Preparations: _____ Hybridization Only: _____
 Nucleic Acid Isolation : _____ Agilent RNA Chips: _____ Data Delivery Date: _____