

FLORIDA ATLANTIC UNIVERSITY

DIVISION OF RESEARCH

GeneChip Core Facility

SERVICES REQUEST FORM

Please fill out all information requested to ensure proper processing of your sample. Complete one form per sample for microarray testing. Contact Martha Keegan at mkeegan@fau.edu or call 561-297-4263 to arrange for sample delivery and scheduling.

Contact information:

Additional contact information:

Principal Investigator: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Email: \_\_\_\_\_

Billing information: Internal to FAU \_\_\_\_\_ External to FAU \_\_\_\_\_ PO number \_\_\_\_\_

Microarray information: Chips are supplied by the investigator or arrangements may be made for the core facility to order the chips. Include test chip information, 1 per sample. It is recommended to perform microarray experiments in duplicate. Review "GeneChip Expression Analysis" section: Experimental Design on the FAU GeneChip Core Facility website. http://www.science.fau.edu/genechip/index.html

- 1) Test Chip ID \_\_\_\_\_ Lot # \_\_\_\_\_ 2) Assay Chip ID \_\_\_\_\_ Lot # \_\_\_\_\_
3) AssayChip ID \_\_\_\_\_ Lot # \_\_\_\_\_ 4) Assay Chip ID \_\_\_\_\_ Lot # \_\_\_\_\_
5) AssayChip ID \_\_\_\_\_ Lot # \_\_\_\_\_ 6) Assay Chip ID \_\_\_\_\_ Lot # \_\_\_\_\_

RNA Sample: RNA may be supplied as fragmented IVT reactions ready for hybridization, cDNA to serve as template for IVT synthesis or Total RNA for complete processing to microarray testing. Suppliers of recommended reagents and protocols may be found at www.affymetrix.com.

Minimum requirements: 10-20 ug Total RNA OR all of the product from 10-20 ug Total RNA used for the synthesis of cDNA OR fragmented IVT from 15 ug cRNA (adjusted concentration, see Affymetrix GeneChip Expression Analysis Technical Manual). A denaturing gel or equivalent (Agilent Bioanalyzer) must be supplied with each RNA sample.

Sample ID: \_\_\_\_\_

If requesting comparison analysis: please indicate sample type

Experiment: \_\_\_\_\_ OR Baseline: \_\_\_\_\_

Source Material Species: \_\_\_\_\_ Supplied as:

Tissue \_\_\_\_\_ Weight \_\_\_\_\_

Cell suspension \_\_\_\_\_ Cell count \_\_\_\_\_

Cells monolayer \_\_\_\_\_ #Flasks \_\_\_\_\_ Area(cm^2) \_\_\_\_\_

RNA preparation method: \_\_\_\_\_

Type of RNA: fragmented IVT \_\_\_\_\_ cDNA \_\_\_\_\_ Total RNA \_\_\_\_\_

RNA concentration: \_\_\_\_\_ A260/A280 Ratio: \_\_\_\_\_

Sample volume: \_\_\_\_\_ RNA amount: \_\_\_\_\_

Additional Comments / Information: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Attach gel picture