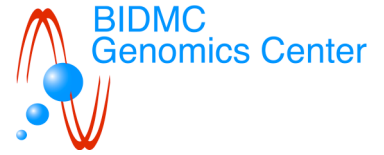


BIDMC Genomics Center Order Form Affymetrix GeneChip System



Date: _____

PI Name: _____

Internal (BIDMC) provide **Grant#** _____

External Academic provide **PO#** _____

With a copy of purchase order#

PI Email Address: _____

Check here () if you are a new client:

All new external need to complete the New Core Services Account form:

PI Phone Number: _____

User Name: _____

E-mail address: _____

Department: _____

Mailing Address: _____

User Phone Number: _____

Affymetrix Microarray Experiment

****Price includes consultation, Genechip, probe labeling, GeneChip hybridization and preliminary bioinformatics analysis****

New GeneChip HT System designed to complete large projects of up to 96 samples per run, including human, mouse and rat.

****Save more by submitting multiple samples at once****

Call for more information on how to get quick and better results

Catalog#	GeneChip HT Genome Array Plate Set	Internal BIDMC Price	External Academic Price	Quantity Sample
	HT Human U133 1-23 Samples A&B	\$450/sample	540/sample	
901080	HT Human U133 24 Samples A&B	\$400/sample	\$480/sample	
901080	HT Human U133 48 Samples A&B	\$375/sample	\$450/sample	
901080	HT Human U133 96 Samples A&B	\$325/sample	\$390/sample	
900844	**HT Mouse 430 1-23 Samples A&B	\$450/sample	\$540/sample	
900844	HT Mouse 430 24 Samples A&B	\$400/sample	\$480/sample	
900844	HT Mouse 430 48 Samples A&B	\$375/sample	\$450/sample	
900844	HT Mouse 430 96 Samples A&B	\$325/sample	\$390/sample	

*****Partial HT Plate will be charged at \$450/540 per sample*****

Whole Genome Cartridge Gene Arrays

Catalog #	GeneChip Probe Array	#Genes	Internal BIDMC Price	External Academic Price	Quantity Sample
900470	Human Genome U133 Plus	~40,000	\$850/sample	\$850/sample	
900495	Mouse Genome 430 2.0	~40,000	\$850/sample	\$850/sample	
900505	Rat Genome U230 2.0	~22,000	\$850/sample	\$850/sample	
900725	Canine Genome 2.0	~18,000	\$825/sample	\$825/sample	
900561	Bovine Genome	~23,000	\$750/sample	\$750/sample	
900623	Porcine Genome	~23,000	\$750/sample	\$750/sample	

Probe Labeling Options

****We offer amplification services for limited amount of RNA and partially degraded RNA (FFPE)****

Sample/Application	Ovation Product	RNA required for labeling
Whole Blood RNA	Ovation Whole Blood Reagent	20-50ng
Paraffin Embedded samples	Wt-ovation FFPE System FL-Ovation cDNA Biotin V2	50-100ng
LCM (10 Of cells) Degraded	Wt-OVATION PICO System FI-Ovation cDNA Biotin V2	500pg - 100ng
LCM 100 of cells) Degraded, small	Wt-Ovation RNA Amp System	5-50ng

General Samples	GeneChip HT One-Cycle cDNA Synthesis kit	2ug
Isolation of RNA		\$35/sample

****Additional Arrays and other services are available upon request****

Please forward requests to:

Towia Libermann, Ph. D., Associate Professor of Medicine
 Director, BIDMC Genomics Center
 Center for Life Sciences Building, Room 543
 Tel: 617-735-2501 Fax: 617-735-2510
 E-mail: tliberma@bidmc.harvard.edu

Marie G Joseph, Research Associate
 BIDMC Genomics Center
 Center for Life Sciences Building, Room 528
 Tel: 617-735-2505 Fax: 617-735-2510
 E-mail: mjoseph@bidmc.harvard.edu

Procedure

1. Investigator reviews and consults with Genomics Center on proposed experiments.
2. ***For Amplification services***, Investigator brings **50-100ng in 5 μ l** of DEPC water to a **0.2ml PCR Tube Strips**
3. ***For General Samples*** (high quality of RNA), Investigator brings **4 μ g of high quality total RNA in 6-10 μ l** of DEPC water to a **0.2ml PCR Tube Strips** (preferentially prepared using Qiagen's RNeasy Total RNA Isolation Kit)
4. Investigator must provide the samples **on dry ice and gel picture of RNA demonstrating quality of RNA**. Picture should show that 28S rRNA is 2 times stronger than 18S rRNA.
5. Genomics Center generates probe and hybridizes to GeneChip
6. Genomics Center uploads data in Excel spreadsheet format to BioPortal where investigator can access data using username and password. Investigator will be notified by E-mail about status of project.
7. Genomics Center archives data on the server.
8. Bioportal provides access to bioinformatics tools for analysis of data.

Sample Annotation

PI Name: _____ Grant or PO# _____

User Name: _____

Department: _____

Mailing Address: _____ (new customers)

Ext.: _____ E-mail address: _____

PI Name	E-mail address

Sample # _____

RNA quantity	
Isolation method	
Organism	
Tissue, Cell Type	
Experimental Conditions	
Upload GIF or JPEG or TIFF of RNA gel	
Chip name	

Number generated by computer for each sample, will be tracking number for sample

Special note: Unfortunately, due to Affymetrix Genechip procedure and the high volume of samples we receive, it is impossible to complete the work in a week. Please allow 3-4 weeks to receive your results.

Please be aware that all the GeneChip HT Genome array plate set come in 24, 48 and 96 well plates. It would be faster for you to receive the result if you submitted at least 24 samples each time for processing.

Thanks.