

| Center for Medical Genomics at Indiana University School of Medicine | |
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| NOTE: We order the genechips after the experiment is set up; we do not work with genechips provided by investigators because we cannot vouch for the quality of chips stored and handled by others. | |
| Overall cost = cost of genechip + cost of processing. | |
| Cost of assistance with analysis must be discussed with Dr. Edenberg. | |
| GeneChip® cost (Affymetrix price, subject to change without notice.) Other species available: ask for current price. | |
| <i>*must be purchased in sets of 2, 6 or 30</i> | |
| <i>Newer ST arrays available for Human, Mouse & Rat. Note these arrays must be used with samples labeled using the WT Protocol</i> | |
| GeneChip® Human Gene 1.0 ST arrays* | \$225 |
| GeneChip® Human Exon 1.0 ST arrays* | \$450 |
| GeneChip® Mouse Gene 1.0 ST arrays* | \$225 |
| GeneChip® Mouse Exon 1.0 ST arrays* | \$450 |
| GeneChip® Rat Gene 1.0 ST arrays* | \$225 |
| GeneChip® Rat Exon 1.0 ST arrays* | \$425 |
| <i>Arrays used with 3' IVT Affymetrix labeling.</i> | |
| GeneChip® Human Genome U133 Plus 2.0* | \$450 |
| GeneChip® Rat Genome 230 2.0 Array* | \$425 |
| GeneChip® Mouse Genome 430 2.0* | \$450 |
| GeneChip® Rhesus Macaque Genome Array* | \$450 |
| GeneChip® Drosophila Genome 2.0 Array* | \$300 |
| GeneChip® Bovine Genome Array* | \$300 |
| GeneChip® Chicken Genome Array* | \$425 |
| GeneChip® Porcine Genome Array* | \$300 |
| GeneChip® Canine Genome 2.0 Array* | \$425 |
| GeneChip® Plasmodium/Anopheles Genome Array | \$300 |
| GeneChip® Yeast Genome 2.0 Array* | \$200 |
| GeneChip® E. coli Genome 2.0 Array* | \$200 |
| GeneChip® Maize Genome Array* | \$300 |
| GeneChip® Xenopus Tropicalis Genome Array* | \$450 |
| <i>†must be purchased in sets of 5 or 30</i> | |
| GeneChip® Zebrafish Genome Array† | \$300 |
| GeneChip® C. elegans Genome Array† | \$300 |
| GeneChip® Arabidopsis ATH1 Genome Array† | \$300 |

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| Processing costs | |
| 3' IVT Processing Cost per Expression Chip: standard reaction, from high quality RNA | \$250 |
| Services included | |
| cDNA/cRNA Syn | x |
| IVT for cRNA synthesis | x |
| Fragmentation | x |
| Hybridization | x |
| wash and stain | x |
| scan chip | x |
| prepare CD with data | x |
| 3' IVT Processing Cost per Expression Chip: Amplification, from small quantities of RNA | \$325 |
| Services included | |
| cDNA synthesis, first cycle | x |
| IVT, first cycle | x |
| cDNA synthesis, second cycle | x |
| IVT for cRNA synthesis, second cycle | x |
| Fragmentation | x |
| Hybridization | x |
| wash and stain | x |
| scan chip | x |
| prepare CD with data | x |
| WT (Exon or Gene ST arrays) Processing Cost per Expression Chip | \$325 |
| Services included | |
| cDNA synthesis, 1st cycle | x |
| IVT for cRNA synthesis | x |
| cDNA synthesis, second cycle | x |
| Fragmentation and Terminal labeling | x |
| Hybridization | x |
| wash and stain | x |
| scan chip | x |
| prepare CD with data | x |
| NuGen Alternative for WT: Amplification, from small quantities of RNA | \$350 |
| Services included | |
| Amplification - cDNA synthesis | x |
| IVT for cRNA synthesis | x |
| cDNA synthesis, second cycle | x |
| Fragmentation and Terminal labeling | x |

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|--|-----------------|
| Hybridization | x |
| wash and stain | x |
| scan chip | x |
| prepare CD with data | x |
| Consultation based on PI-provided QC data (complete set of spectra plus agarose gels) | included |
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| RNA QC and purification services | |
| <i>NOTE: ALL samples in an experiment must be tested if the relevant data are not provided by PI</i> | |
| UV absorbance spectra (210-350 nM; per sample) | \$4 |
| Agilent Bioanalyzer: up to 12 samples for nano, 11 for pico | \$45 |
| each additional set of up to 12 (or 11) samples | \$45 |
| Speed-Vac concentration of dilute samples (up to 12) | \$25 |
| Repurification of RNA (if needed to improve quality) per sample | \$18 |
| minimum charge for RNA QC | \$45 |