

<b>OUHSC Laboratory for Genomics and Bioinformatics Fee Structure</b>	<b>Updated 10-20-09</b>
<b>Next Generation Sequencing Services (SOLiD sequencer)</b>	<b>Price</b>
<b>SOLiD sequencing of fragment library</b> *Price reflects cost for an octet slide run and may vary slightly if an alternative slide layout and/or higher throughput is required. Please contact Dr. Gillaspay directly for further details. <a href="mailto:Allison-gillaspy@ouhsc.edu">Allison-gillaspy@ouhsc.edu</a>	\$2,000/library
<b>SOLiD sequencing of mate-paired library</b> *Price reflects cost for an octet slide run and may vary slightly if an alternative slide layout and/or higher throughput is required.	\$3,000/library
<b>SOLiD sequencing of sRNA library</b> *Price reflects cost for an octet slide run and may vary slightly if an alternative slide layout and/or higher throughput is required.	\$2,000/library
<b>SOLiD sequencing of additional bar-coded library</b> *Price reflects cost for an octet slide run and may vary slightly if an alternative slide layout and/or higher throughput is required.	\$800.00
<b>Bioinformatic analysis of SOLiD data</b>	Please inquire
<b>Custom DNA Sequencing, Fragment Analysis, and Genotyping</b>	
<b>Capillary sequencing of existing plasmid prep (Academic)</b> Primer added by facility personnel to <96 samples submitted in tubes or plates	\$6.00/reaction
<b>Capillary sequencing of pre-mixed template and primer (Academic)</b> For submissions of <96 samples in tubes or plates	\$5.50/reaction
<b>Large Scale Custom DNA Sequencing (Academic)</b> For submissions of full 96-well plates	\$4.00/reaction
<b>Qiagen prep of cell pellet with single sequencing reaction</b> Additional sequencing reactions are at cost listed for existing template preps	\$6.50/pellet
<b>Qiagen PCR clean up with single sequencing reaction</b> Additional sequencing reactions are at cost listed for existing template preps	\$6.50/column
<b>Small-Scale Fragment Analysis (microsatellite, AFLP, TRFLP and SNP)</b> Rate applies to submissions of less than 96 samples at a time of fluorescently labeled products for size or allele determination using the ABI 3730xl. Fragment lengths can range from 35bp to 600bp for microsatellite samples and 15bp to 120bp for SNP samples. *Please contact us directly if you require facility personnel to perform amplification with fluorescent primers as pricing will be affected.	\$5.00/sample
<b>High Throughput Fragment Analysis (microsatellite, AFLP, TRFLP and SNP)</b> Rate applies to submissions of 96 samples at a time of fluorescently labeled PCR products for size or allele determination using the ABI 3730xl. Fragment lengths can range from 35bp to 600bp for microsatellite samples and 15bp to 120bp for SNP samples. *Please contact us directly if you require facility personnel to perform amplification with fluorescent primers as pricing will be affected.	\$3.00/sample
<b>Sample clean up and quantitation</b>	
<b>SAP/ExoI treatment</b> For cleanup of PCR products prior to cycle sequencing.	\$1.00/reaction

Samples should contain a single product as verified on an agarose gel prior to submission.	
<b>Spec reading of DNA in 96 well plate</b> Absorbance read at 260 and 280 using Molecular Devices SpectraMax. Concentration and 260/280 ratios provided for each sample.	\$11.00/plate
<b>Nanodrop: RNA and DNA Quantitation (up to 10 samples)</b> The Nanodrop uses undiluted sample in a minimum volume of 1µl and a maximum volume of 2µl which can be recovered after analysis. Sensitivity range is from 5ng to 3700ng, making the Nanodrop useful for determining concentration of samples that may be limited in volume or that may be too dilute for accurate reading on other platforms.	\$3.00
<b>Nanodrop: RNA and DNA Quantitation (11-20 samples)</b> The Nanodrop uses undiluted sample in a minimum volume of 1µl and a maximum volume of 2µl which can be recovered after analysis. Sensitivity range is from 5ng to 3700ng, making the Nanodrop useful for determining concentration of samples that may be limited in volume or that may be too dilute for accurate reading on other platforms.	\$5.00
<b>Nanodrop: Protein Quantitation with standard curve (up to 10 samples)</b> Facility personnel will perform BCA protein assay on sample and will perform standard curve.	\$45.00
<b>Nanodrop: Protein Quantitation with customer provided standard curve (up to 10 samples)</b> Customer must provide standard curve information or standards for reading on Nanodrop. Pricing is the same as for RNA and DNA quantitation.	\$3.00
<b>Bioanalyzer: RNA, DNA, and Protein Analysis (1-12 samples/run)</b> To determine quality of sample prior to use in downstream applications such as microarrays, real time PCR, sequencing, and binding assays. *RNA analysis available for either total RNA or small RNA (≤100bp). Small RNA chip holds only 11 samples.	\$40.00/run
<b>Other Sequencing Related Services</b>	
<b>Transfer of DNA using Biomek NX</b> Transfer of equal volumes for each DNA sample from 96-well plate to a 96- or 384-well plate. Price for transfer of samples to 384-well is up to four 96-well plates per one 384-well plate. Used for setting up PCR, Real Time and sequencing reactions in bulk.	\$25.00/plate
Transfer of equal volumes of sample from 96- or 384- well plate to <b>multiple</b> 96- or 384- well plates. Price given is for transfer to four 384-well plates. <i>*Costs may vary slightly based on plate type needed. If multiple transfers are done at the same time, difference in charge is based on cost of additional plates.</i>	\$45.00
<b>High Throughput Culture and Plasmid Prep</b> Includes inoculation of 96-well deep well block with cells from freezer stock provided by customer. Freezer stock of re-growth provided with isolated DNA from Millipore Montage 96-well plasmid prep. <i>*NOTE: Cost for prepping and immediate sequence of clones in one direction is cheaper than sequencing at a later time.</i>	\$2.00/well w/o seq.  \$5.00/well includes first plate of sequences
<b>96 well freezer stock</b>	\$6.50/plate

-80°C freezer stock of 96-well bacterial cultures provided in sterile, flat bottom plate with final concentration of glycerol 25%.	
<b>High throughput PCR</b> 96-well PCR (25µl reactions) using the same primer pair for each sample. Cost includes use of any of the facility provided universal primers listed on the sequencing section of our webpage. * If custom primers are used then they must be added by the customer prior to cycling. DNA template must be provided in 96- or 384- well format.	\$150/per full plate  \$2.00/sample (min. 48 samples)
<b>PF2D and Related Services</b>	
<b>PF2D Protein Fractionation (1<sup>st</sup> and 2<sup>nd</sup> dimensions)</b> Complete run of one sample that requires lysis and complete fractionation. Price includes all 96-well deep well blocks for storage of 1 <sup>st</sup> and 2 <sup>nd</sup> dimension fractions.	\$700/sample
<b>1<sup>st</sup> dimension run with sample prep and assay</b> Available for customers that require only isoelectric focusing of whole cell lysates. Both lysis and BCA protein assay included as well as single 96-well deep well block.	\$375/sample
<b>1<sup>st</sup> dimension run only without sample prep</b> Available for customers that require isoelectric focusing of samples such as purified protein mixtures or spent supernate.	\$315/sample
<b>Single fraction run through 2<sup>nd</sup> dimension only</b> Can be run to collect additional protein from previous 1 <sup>st</sup> dimension run or for lower complexity samples that do not require 1 <sup>st</sup> dimension in order to examine hydrophobicity profiles.	\$30.00/run
<b>Sample Prep &amp; BCA Protein Assay</b>	\$60.00/sample
<b>BCA Protein Assay</b>	\$50.00/sample
<b>Real Time PCR and related services</b>	
<b>TaqMan Universal PCR Master Mix</b>	\$2.50/reaction
<b>TaqMan Fast Universal PCR Master Mix</b>	\$2.00/reaction
<b>SYBR Green Master Mix or POWER SYBR Green</b>	\$2.00/reaction
<b>Fast SYBR Green Master Mix</b>	\$2.00/reaction
<i>*Services listed above reflect costs for facility personnel to add master mix to all wells and to cycle on ABI7500. Customer provides template and primers in plate.</i>	
<b>Standard Mode cycling only</b> Includes allelic discrimination end point scan if necessary.	\$3.50/plate
<b>Fast Mode cycling only</b>	\$1.50/plate
<i>*Cycling services listed above valid only when customer provides samples in optical plate with master mix and all other components added. Plates and sealers available at additional cost.</i>	
<b>Allelic discrimination end point scan</b> <i>*For plates that have been set up and cycled by customer.</i>	\$0.50/plate scanned
<b>BiaCore Services</b>	
<b>BiaCore Analysis (Academic)</b> Includes analysis of binding interactions of ligand and multiple analytes using a single chip. BiaCore technology can be used to analyze interactions such as protein:protein, DNA:protein, DNA:RNA. Buffers, tubes, and other consumables necessary for experiment are included in cost.	\$40.00/hour

*Customer purchases assay chip direct from company or from the facility at an additional cost.	
<b>BiaCore Consultation</b> This service is available if additional experimental design by the facility is necessary or if consultation prior to experiment is required. Experienced BiaCore customers (or return customers) may not require this service.	\$75.00/hour
<b>Miscellaneous Services</b>	
<b>FlashPAGE purification (for sRNA enrichment of total RNA)</b>	\$50.00/gel
<b>Bioinformatics Support</b> <i>Please inquire for details.</i>	\$75.00/hour
<b>96-well agarose gel of high-throughput plasmid preps</b>	\$10.00/gel