

Core Facility Services and Fees

These prices are ONLY for University of Alaska researchers. The fee structure is subject to change without notice. Please contact the [Core Facility](#) for questions on pricing. Go to [Equipment](#) for information on machines available for use in the lab and [How to submit samples](#) for information on preparing and submitting samples to the Core facility for Sequencing or Fragment Analysis.

Big Dye Terminator V3.1

Users can purchase Big Dye from the Core facility for **\$85/100 ul** or **\$650/800 ul**, or they can purchase **>10 (800 ul) vials for \$630/vial**. There is Big Dye buffer available at no extra cost if you purchase Big Dye from the Core Lab.

96-well Sequencing Plates

ABI 96-well sequencing plates are available for purchase in the DNA Core lab for **\$5.50/plate**. Sometimes we have sale plates that are only **\$3.50/plate** (these are purchased from ABI in bulk when they have special promotions).

Sequencing options

1) Samples Ready for Sequencing: The Core facility receives purified cycle-sequenced products and provides .ab1 sequence files; optional files available on request are FASTA, Standard Chromatogram (.scf) or Phred (.phd.1). Users complete sample preparation and the Core Lab tech loads them on the machine; users also enter sample names into the computer if they want sample names along with well ID numbers which are automatic. Ask a Core LabTech for a sample sheet template if you want to enter sample names on your own computer ahead of time. HiDi Formamide is provided by the Core Lab at no extra cost. If you want to know how to [submit samples](#), [load a 96-well plate](#), run a [cycle sequence reaction](#), or learn about [instrument setup](#) options and sequence read lengths follow these links.

Sample format	50cm array
-------------------------------	----------------------------

1.5 ml tubes	\$4.00/sample
16, 32 or 48+ samples in 96-well plate	\$3.00/sample

2) Clean PCR or Plasmid samples for Cycle Sequencing, Sephadex clean-up, and Sequencing: The Core facility receives purified PCR product and primers at specified concentrations with a gel image for reference and then provides .ab1 sequence files; other optional files available on request FASTA, Standard Chromatogram (.scf) or Phred (.phd.1). In this case the Core Lab completes all cycle sequencing, purification, sample preparation and loading. Cost is **\$10.00** per sample (each sample primer pair sequenced) in a tube, or **\$8.00** per sample in a 96-well plate (minimum 48 samples). If you want to know how to [submit samples](#) or learn about [instrument setup](#) options and sequence read lengths follow these links.

Fragment Analysis (Microsatellites, AFLPs, T-RFLPs)

The user provides premixed samples (PCR product , size standard and HiDi Formamide) in a 96-well plate. The Core Lab tech then loads and runs the samples. All PCR supplies and size standards are provided by the user. HiDi Formamide is provided by the Core Lab at no extra cost. The Core lab only accepts pre-mixed fragment samples for fragment analysis. It does not affect the price if markers are multiplexed in each well; only the number of wells matters. The User enters sample names into the computer, otherwise the samples are labeled only by well number. Ask in the Core Lab for a sample sheet template if you want to enter names on your computer.

Dye Sets supported by the Core Lab :
Dye Set D : 6-FAM, VIC, NED, ROX
Dye Set F : 5-FAM, JOE, NED, ROX
Dye Set G5 : 6-FAM, VIC, NED, PET, LIZ

Sample Format	50cm array
1.5 ml tubes	\$4.00 / sample
16, 32 or 48+ samples in 96-well plate	\$3.00 / sample

If you want to know how to [submit samples, load a 96-well plate](#) or learn about [instrument setup](#) options follow these links.

SpectraMax Spectrophotometer plates

Users can purchase **96-well UV Greiner plates** at \$6.25/each in the Core lab.

Transgenomic WAVE DHPLC Nucleic Acid Analysis System

This machine is off service contract, but if you have a LARGE project and are interested in using it please contact the Core Lab. If you are interested in potential pricing follow this [link](#). As with all our pricing, it may be subject to change without notice.