

Sample Submission Guidelines

Genotyping Services:

A job quote must be requested and a signed Statement of Work must be returned to the core before any samples will be accepted.

Illumina GoldenGate Custom SNP Panels, Illumina Infinium Whole Genome SNP Panels and Illumina Medium Density Mouse Linkage Panel

- 1) A minimum of 250 nanograms of high quality DNA is required for every sample. DNA must be at a concentration of 50-100 nanograms/microliter. DNA should be diluted in sterile distilled water to minimize the amount of EDTA present. The core requires that 15 microliters of sample are provided. Leftover DNA will be returned to the client at the end of the experiment.
- 2) DNA must be aliquoted into 96 well V-bottom PCR plates. If the DNA is submitted in tubes, then an additional processing fee of \$25 per 96 well plate will be charged for plate setup.
- 3) A sample record that defines the sample identity for each well in every plate must be submitted as an EXCEL file. The following columns must be present: plate, well and sample name.

Applied Biosystems TaqMan Allelic Discrimination Assays

- 1) A minimum of eight nanograms of DNA is required. DNA must be at a concentration of four nanograms/microliter or higher. The core requires that 15 microliters of sample are provided. Leftover DNA will be returned to the client at the end of the experiment.
- 2) DNA must be aliquoted into 96 well V-bottom PCR plates. If the DNA is submitted in tubes, then an additional processing fee of \$25 per 96 well plate will be charged for plate setup.
- 3) A sample record that defines the sample identity for each well in every plate must be submitted as an EXCEL file. The following columns must be present: plate, well and sample name.

Other Genotyping Assays (Copy Number Determination or Length Polymorphism)

Sample requirements are dependent on the assay. Please consult with core staff.