

GENOMICS RESEARCH CORE

iPlex® Gold Assay Sample Preparation

Samples can be submitted in either 384 or 96 well plates.

Submissions in 96 well plates

- Well H12 must be empty.
- Genomic DNA should be at 10ng/μl. If the DNA will be submitted at any other concentration, then this must be noted and discussed with the Genomics Research Core
- Minimum sample volume is 40 μl for up to 8 pools. If this sample volume is difficult to achieve, contact the [Genomics Research Core](#) for consultation
- Submit an additional 2 μl for each additional primer pool to be included
- Any remaining DNA can be retrieved after project is complete

Submissions in 384 well format

- Must be in appropriate instrument compatible plates. Contact the [Genomics Research Core](#) to verify that your plates are compatible before submission. Submissions in inappropriate plates may incur additional fees or result in data loss.
- DNA must be dried in the wells. Each well should contain 2-20 ng of dry DNA.
- Wells O23, O24, P23, and P24 must be empty.

Please contact the [Genomics Research Core](#) for instructions for submission of amplified DNA.

Samples and primers must be accompanied by [SNP Services Submission form](#) and can be delivered to our facility at 3343 Forbes Avenue, 3rd floor or to our drop off room at S534 Scaife Hall.