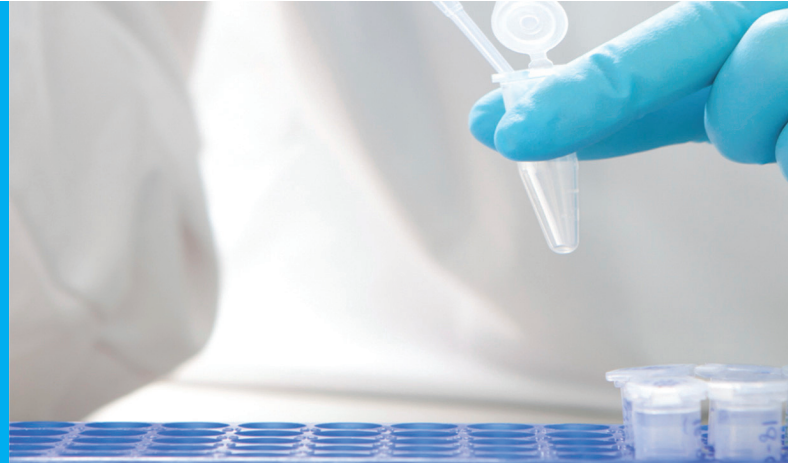


HUMAN SAMPLE IDENTIFICATION

AGRF offers this service using the Infinium QC Array-24, a cost-effective way to perform sample tracking, quality control and stratification.



Key Highlights

The Infinium QC Array-24 is useful for:

- High throughput genomics
- Biobanking

Applications

The array comprises of **15,949** markers, offering markers focused on high-value functional content including:

- Sex determination
- Ethnic ancestry
- Linkage
- ADME



The Infinium QC Array-24 uses the Infinium 24-sample HTS format. When used with Illumina array scanners, the Infinium QC Array-24 enables high accuracy and high-throughput genotyping required for quality control, tracking, and stratification applications.

Service Access

To access this service we require normalised DNA, each sample undergoes QC assessment prior to processing.

Samples are simultaneously processed in a 24-array format and therefore we require submissions of sample groups of 24.

Data Analysis

Infinium array data is analysed using GenomeStudio software.

Data provided:

- BeadChip files
- Genome Studio Project File (.bsc format)
- Sample Sheet (.csv format)
- CNMetrics Report (.csv format) {Includes LogRDev values}
- DNA Report (.csv format) {Includes SNP call rate values}
- Final Report (.txt format)
- Text File (.xlsx format) {Summary file of data}
- Illumina InfiniumQCArray-24 manifest file (.bpm format)
- Illumina InfiniumQCArray cluster file (.egt format)

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These schemes include NCRIS, EIF, Super Science Initiative CRIS and NCRIS 2