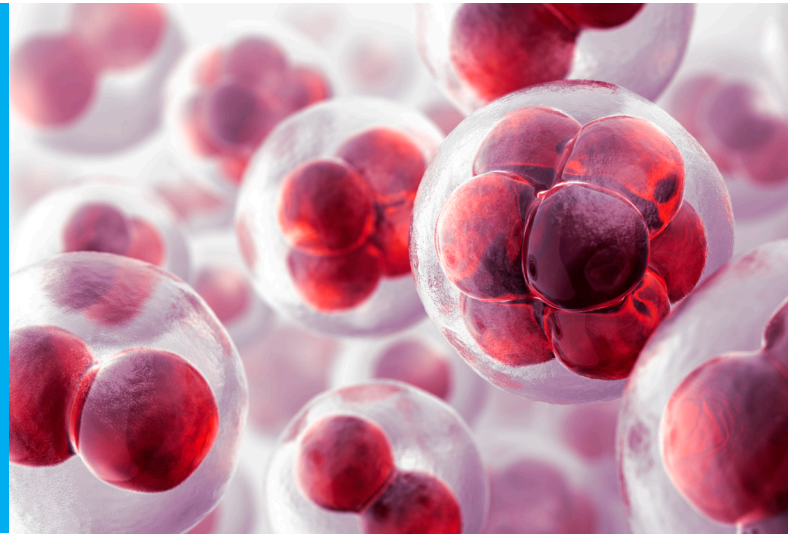


Cell Line Identification

An inexpensive method for authenticating human cell lines, using informative Short Tandem Repeat (STR) systems.



What is Cell Line Identification?

AGRIF's human cell line identification service is a method useful in genotyping and is particularly useful in tissue culture strain identification.

Applications

- Human identity testing (sample ID confirmation)
- Tissue culture strain identification
- Cell/tissue sample identification
- Cell line authentication/identification
- Cell/tissue provenance testing
- Forensic DNA analysis (for research purposes only)
- Paternity testing (for research purposes only)

Two Access Options

1. Full Data Service

Clients submit DNA for amplification with the GenePrint 10 assay reagents - AGRIF will do the rest and perform the electrophoresis.

Please note there is a minimum number of eight samples per submission and this service is available for research purposes only.

2. Fragment Analysis Service

Our Promega GenePrint 10 System uses 10 loci markers. Just submit a PCR sample already amplified using the appropriate assay reagents.

Data Analysis

Data analysis includes electrophoresis and analysis using GeneMapper ID software to provide called alleles for each of the markers.

Final data is supplied to you for interpretation. To interpret the data, access the ATCC database and match the STR profile provided.

www.atcc.org/STR_Database.aspx

Data Provided

- Excel file with bin name (allele category) and size
- Capillary electrophoresis raw data file (.fsa)



My AGRIF Hub

agrif.org.au/my-agrif-hub

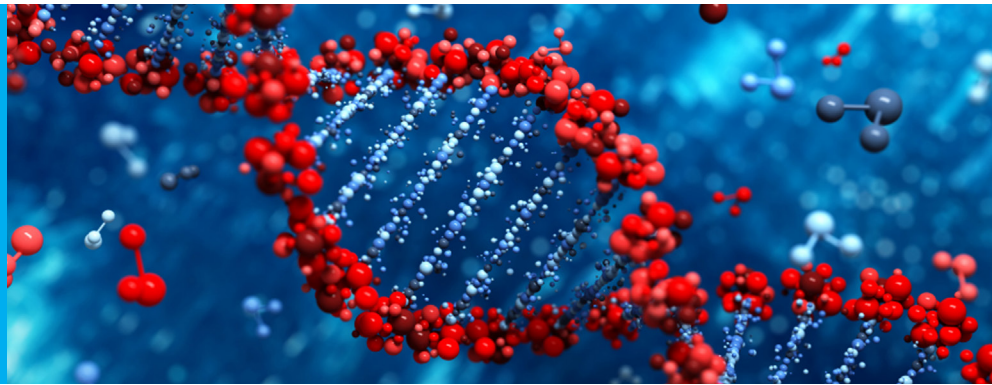


Contact us: 1300 247 301
CustomerCare@agrif.org.au

Your Partners For Extraction And Bioinformatics



Give yourself
more time to
think, plan and
publish.



If you need more time, have limited experience with extracting nucleic acids, or you have a difficult sample, our highly experienced team can assist with preparation of stock nucleic acids for downstream processes - quickly and reliably.

Our Extraction Services

Extracting DNA, RNA or Total Nucleic Acids, our services are available for a range of starting materials and species:

- Biomedical: tissue, blood, buccal swabs, saliva collection kits
- Microbial: culture pellets
- Agricultural: leaves, seeds, blood, ear clips
- Environmental: soil, sediment, faeces
- FFPE extraction

Ask us if your sample type is not listed above.

Bioinformatics

Our validated bioinformatics services provide the analyses you need, sooner.

Bioinformatics is an important part of any sequencing project. If you lack in-house bioinformatics expertise or simply want a faster turnaround time on your analysis, our experienced bioinformaticians can help.

- Extensive experience with a broad range of technologies in both model and non-model organisms
- DNA-Seq analysis
- RNA-Seq analysis
- Microbial Profiling
- Genotyping data analysis
- Custom analysis
- Bioinformatics consultation service



Our funding partners

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