

DNA Barcoding Services

Barcode Your Life with Genetika Lab



What is DNA Barcoding?

DNA barcoding is a method of species identification using a short section of DNA from a specific gene or genes.

How Does It Work?

Types of Samples



Foods



Bacteria



Fungi



Plants



Animals

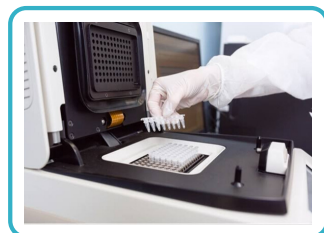


Insects

Genomic DNA Extraction



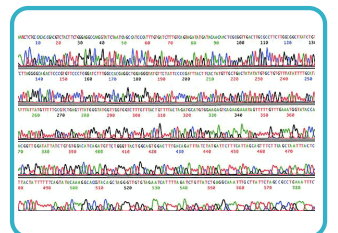
PCR Amplification



Purification of PCR Products



Bidirectional PCR Product Sequencing



What Will You Get From Genetika Lab?

- Gel Photo of PCR Product
- Sequence Assembly
- Top 10 Hit BLAST Results against NCBI Database (excluding uncultured sample sequence)
- Genomic DNA Concentration Measurement
- Phylogenetic Tree Construction (NCBI BLAST Tree Method)
- Turnaround Time: 14 days.

What are The Advantages?



Fast



Accurate



Simple