

DNA Fingerprinting Service (by RAPD)

Introduction:

Experimental samples including plants, different varieties of a given plant, microbes, microbial isolates, etc. can be successfully differentiated from each other using RAPD based techniques. A modified set of RAPD primers would be used for the study that ensure polymorphism within seemingly similar samples and would generate reproducible profile. Further services regarding cloning and sequencing of polymorphic amplified products is also available (Catalogue # 105309).

Ordering Information:

Product	Service	Cat #
DNA Fingerprinting Service (by RAPD)	Upto 5 Samples	105316

Service Tax as applicable will be charged extra

Features:

- RAPD profiling of plants, plant varieties, microbes, microbial isolates, etc.
- Polymorphism within samples most likely
- Phylogenetic analyses based on RAPD data
- Fast and reliable results
- Cloning and sequencing of polymorphic bands: possible (Catalogue # 105309)

Deliverables:

1. RAPD profile(s) generated using primer(s) showing polymorphic amplification
2. Final report

Delivery Time:

Up to 4 samples: 4 weeks
5 or more samples: 6 weeks

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Application form for DNA Fingerprinting Service (by RAPD)

Order No. / Date:

Name of the Scientist:

Institute Address:

Any preliminary information known about the sample:

Whether the sample is infectious:

Growth condition/ more culture of the microbes will be provided if more sample required: Yes/ No

How to send samples:

For microbial samples:

1. Purity of microbial sample is the key for accurate identification.
2. Please send the culture pellets in **sterilized** narrow mouth tubes, 1.5 ml eppendorf vials sealed with parafilm/ plugged or capped tightly.
3. Grow around 5-10 ml of culture upto mid-log phase, pellet down cells in a 1.5 ml vial, decant the culture media completely, (if media remains in the vial it might lead to contamination), seal the tubes properly and send the cell pellet with the application form.
4. Ensure purity of the cell pellet before sending.

Please do not consider this application form as a purchase order

For plant samples: Send leaf or other tissue samples (in a zip-lock bag with few drops of water inside) or seeds.

NOTE: Kindly send this application to the following address:

Bangalore Genei Services, No. 6, 6th Main, BDA Industrial Suburb, Near SRS Road, Peenya, Bangalore - 560058.