

Bacterial Identification Service

Introduction:

Once isolated and purified, identification of the bacteria is an important aspect of research for the scientists. Checking the authenticity of cultures from time to time is also of major importance as contamination of stock cultures is common. We follow 16S rDNA-based protocol for identification of bacteria.

Identification is guaranteed up to genus level while species as well as strain identification would be possible.

Features:

- Based on 1500 bp of 16S-rDNA gene sequence analysis
- Identity as well as 10 nearest neighbours mentioned
- Similarity matrix as well as phylogenetic tree provided
- Fast and reliable service

Deliverables:

1. Final report containing the bacterial identity information.
2. Similarity Matrix table indicating the homology within 10 most similar neighbours.
3. Phylogenetic tree indicating evolutionary relationship of the bacteria with 10 nearest neighbours.

Delivery Time:

Up to 4 samples: 4 weeks

Ordering Information:

Product	Service	Cat #
Bacterial Identification Service	Per Sample	105315

Service Tax as applicable will be charged extra

Application Form for Bacterial Identification Service

Order No. / Date:

Name of the Scientist:

Institute/Address:

Any preliminary identification information known about the sample:

Whether the sample is infectious:

How to send 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

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.