

M101/M102/M103: MICROBIAL IDENTIFICATION

APPLICATION

Poochon's Rapid Microbial Identification System uses a highly accurate phylogenetic approach for microbial identification based on the sequencing of the 16S rRNA gene for bacteria or the internal transcribed spacer (ITS) region and 28S rRNA gene for fungi. The resulting sequences of microbial samples are compared to sequences in the National Center for Biotechnology Information's database. This service package is for microbial identification for samples (single colonies on plates) from environmental monitoring, contamination investigation, root cause analysis, raw materials testing, and microbial identification in small-molecule and biopharmaceutical manufacturing, and service laboratories.

SUITABLE SAMPLE TYPE

- Single colonies on plates
- Isolates in culture medium
- *Please contact us if you wish to identify any other materials or samples*

SAMPLE PREPARATION

- **Label your samples.** Make sure the label is permanent and easy to read.
- **Protect your samples.** Secure your samples with appropriate packing materials

SAMPLE SHIPPING

- If there is no DNA-sample drop box at your location, please ship your sample.
- The most affordable option to ship your samples quickly is USPS Priority Mail Flat-Rate Envelope, which delivers your samples in 2 days
- For faster service use USPS Express Mail, FedEx, or UPS, which can deliver your samples overnight
- Samples may be shipped at room temperature