SAMPLE SUBMISSION GUIDE

DNA based Microbiology - DNA Barcoding and Genotyping

Services

DNA Barcoding of

- Bacteria (16S)
- Fungi/Yeast (ITS)

Genotyping / Microsatellite analysis of microorganisms by MLVA using

- VNTR (e.g. *Cronobacter sakazakii*, *Listeria monocytogenes*, *Bacillus cereus*, *Saccharomyces cerevisiae*, etc.)
- MLST

The services can be ordered as full service (from DNA extraction until reporting) or as service à la carte.
Results will be sent as raw data (fasta/txt files) or PDF report per Email in a standard turnaround time (TAT) of 7 days.

Shipment Instructions

- Please use our order form for DNA Barcoding Services for speciation or MOs, respectively.
- Send the filled order form containing the sample names electronically to SpeciesDeterminationEbersberg@eurofins.com.
- Send the filled order form **also printed and signed** together with your samples.
- Samples are accepted as:
  - Genomic DNA — Volume >10 µL; amount 50 - 100 ng/µL; Shipped at ambient temperature
  - Living Cultures on agar plates — Pure cultures per species; Single colonies, no microbial turf; Shipped cooled, properly sealed, in envelopes without dust or wool
  - Living Cultures in liquid culture / lysis buffer — Pure cultures per species; Shipped cooled, properly sealed, in envelopes without dust or wool

  Please note: for living cultures we are restricted to microorganisms of Risk Group 1 and 2. Please do not submit samples from Risk Group 3 and higher.
- **Shipment Address:**

  Eurofins Genomics
  Applied Genomics
  Anzinger Str. 7a
  85560 Ebersberg, Germany

Contact: **Please do not hesitate to contact us in case of any questions!**
Email: SpeciesDeterminationEbersberg@eurofins.com
Phone: +49 8092 8289-67 (Technical Support)

Eurofins | Genomics is ISO 17025:2005 (D-PL-13372-01-00) accredited and well experienced in DNA Barcoding and the compilation of microbial profiles. All our processes are well documented and follow strict quality guidelines. Registered trademarks listed at http://www.eurofinsgenomics.eu.

DAkkS Deutsche Akkreditierungsstelle D-PL-13372-01-00
The laboratory is accredited acc. to DIN EN ISO/IEC 17025:2005 for Veterinary Medicine, Food, Commodities and Animal Feed