

Microbiome Analysis

DNA Isolation, Deep Sequencing, and Comparative Analysis

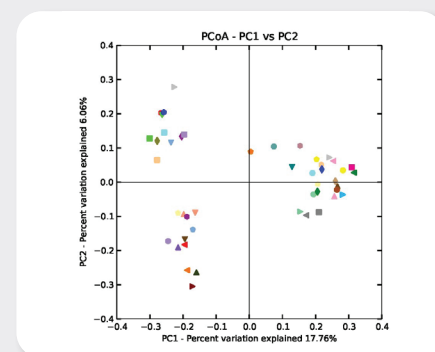
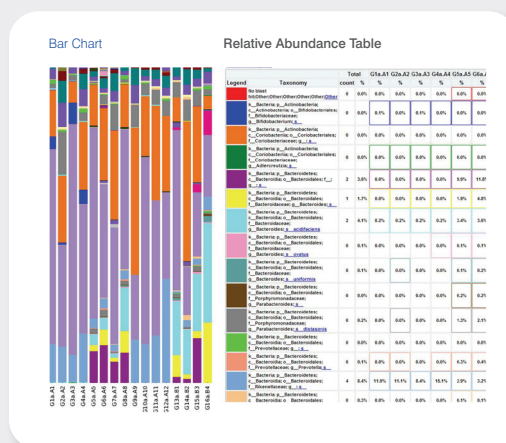
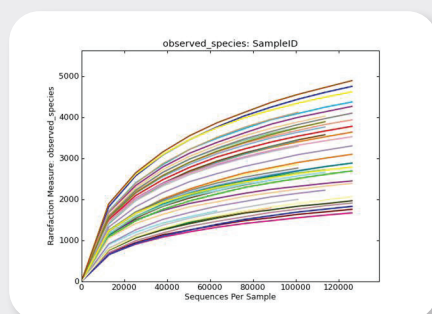
Order a Microbiome Analysis today
and discover deeper insight

A Microbiome Analysis includes:

- **DNA isolation**—from all bacteria in the sample
- **Deep sequencing**—generates 200-500 megabases of sequence
- **Data comparison and analysis**—our bioinformatics produces a comparative analysis to known bacterial sequences identified in SILVA data base
- **Bacterial identification**—identifies all bacteria present and their relative abundance

A Microbiome Analysis features:

- **Easy sample collection**—submit 2 frozen fecal pellets for mice and rats*
- **Expert data analysis** and easy-to-use reports
- FASTA or FASTQ files are available upon request
- **Analysis is also available** for other species including dog, cat, pig, and zebrafish
- **Quick turn-around**—4 weeks



Examples of comparative data analysis reports



Partner with IDEXX and advance your research with confidence

At IDEXX BioAnalytics we're dedicated to supporting your research needs by providing fast, accurate, and reliable results—along with expert consultation you can access directly, for even greater insight. IDEXX BioAnalytics delivers comprehensive **animal health monitoring, biological materials testing, and preclinical services** so you can test with confidence.

Animal Health Monitoring		Biological Materials Testing
Quarantine	NHP	IMPACT™ Pathogen Screening
Aquatics	Serology	h-IMPACT™ Human Pathogen Screening
Environmental Diagnostics	Real-time PCR	CellCheck™ Cell Line Authentication
Microbiology	Diagnostic Pathology	Stat-Myco Mycoplasma Detection
Microbiome		Sterility Testing
Preclinical Services		
Biochemistry—Serum & Urine	Coagulation	Cytology & Fluid Analysis
Hematology	Novel Biomarkers	Toxicologic Pathology
Urinalysis	Histology	

Client Support Services

1-800-669-0825

idxxbioanalytics@idexx.com

[idexxbioanalytics.com](https://www.idexxbioanalytics.com)