

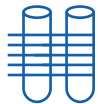
BIOTIA-DX ISOLATE & OUTBREAK

BIOTIA-DX Isolate & Outbreak provides rapid genomic analysis of bacterial and fungal isolates to support infection control and antimicrobial stewardship. Get species and strain identification, antimicrobial resistance profiling, and outbreak cluster detection with unmatched accuracy and cost-efficiency. Detect, track, and respond to infectious threats with confidence.

KEY FEATURES

- **BIOTIA-DX ISOLATE**
 - Identify all known bacterial and fungal species to strain-level
 - Predict antimicrobial resistance phenotypes using ML
 - Detect known resistance genes, virulence factors, and plasmids
- **BIOTIA-DX OUTBREAK**
 - Cluster detection: find genetically related isolates and track spread
 - Rich reports make pattern identification easier

WORKFLOW WITH BIOTIA



1. Send isolates as cell pellets, cryostock, or on slant
2. Biotia runs whole genome sequencing
3. Species identification and AMR analysis for each sample
4. Identify clusters of genetically related isolates across samples
5. Receive reports as easy-to-read PDFs in 5-10 business days

ABOUT BIOTIA

- New York CLIA/CLEP-certified lab located in New York, NY
- Developed in collaboration with Mayo Clinic
- Based off of Biotia's New York State-approved diagnostics
- Support for lab protocols and workflows

QUESTIONS?

For questions or concerns related to the BIOTIA-DX Isolate & Outbreak service, or to discuss your project, please reach out to customersupport@biotia.io. Learn more at biotia.io/biotia-dx-ino.

Affordable microbial sequencing to support clinical decision-making.

Identify species, predict resistance, and detect outbreaks.

CLINICAL IMPACT

- Hospital Infection Control: Rapid detection and containment of hospital-acquired infections
- Antimicrobial Stewardship: Genomic resistance profiling supports precise therapy decisions
- Research: Powers pathogen surveillance studies, AMR discovery, and translational applications

PRICING

- \$200 per bacterial isolate
- \$240 per fungal isolate
- \$40 for previously sequenced samples (software only)

No minimum number of samples.

LOGISTICS

- Send isolates as cell pellets, cryostock, or on slant
- Receive reports in 5-10 days
- Bioinformatic results available
- Software-only solution available
- Outbreak analysis included at no extra cost
- Works with clinical isolates and screening cultures

