

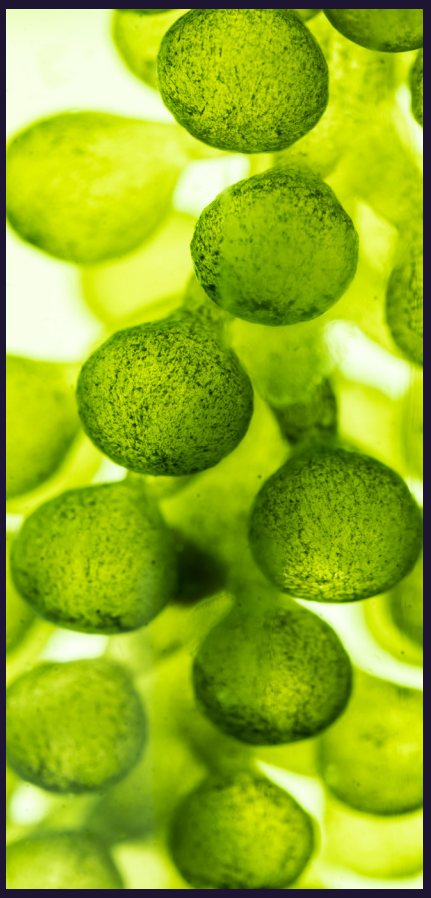
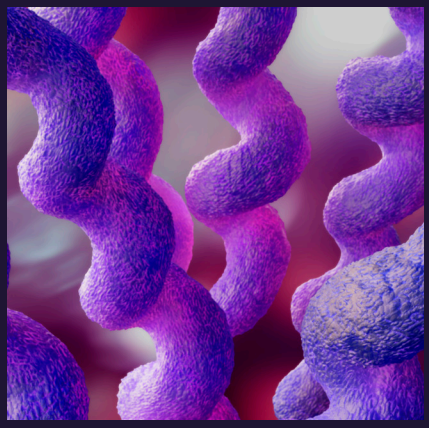



Biolog for Rapid Results

Fast and Accurate In-House Microbial Identification

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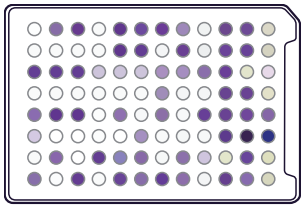
ADVISAINS

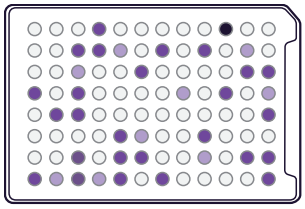
Fit-for-Purpose Test Panels

Biolog test panels are designed for the phenotypic identification of nearly 3,000 species of microbes, with a range of different microbiologically relevant substrates and inhibitors.

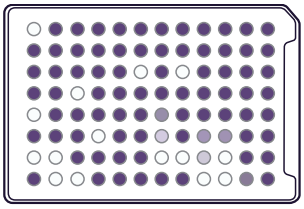
When inoculated and grown on the plate, each species generates a distinct metabolic fingerprint based on its ability to metabolize specific substrates, or its sensitivity to specific inhibitors. An algorithm searches the comprehensive database to find the best match.



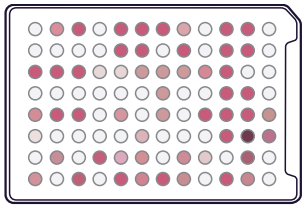
GEN III (Aerobes)



AN (Anaerobes)



YT (Yeast)



FF (Filamentous Fungi)

Aerobic & Anaerobic Bacteria

- 94 unique metabolic tests
- ID gram-negative and gram-positive bacteria with a single panel

Yeast and Filamentous Fungi

- 94 carbon sources used by yeast and fungi – 190 total tests
- Plates contain a redox dye and are read at two different wavelengths:
  - Different redox dyes (OD490 or 590) to analyze substrates used for energy
  - Turbidity (OD750) to analyze substrates used for growth

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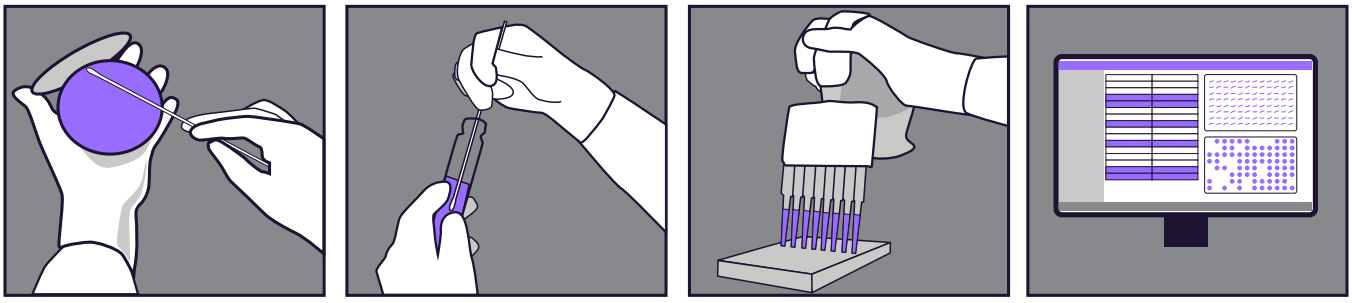
Straightforward, Quick Workflow



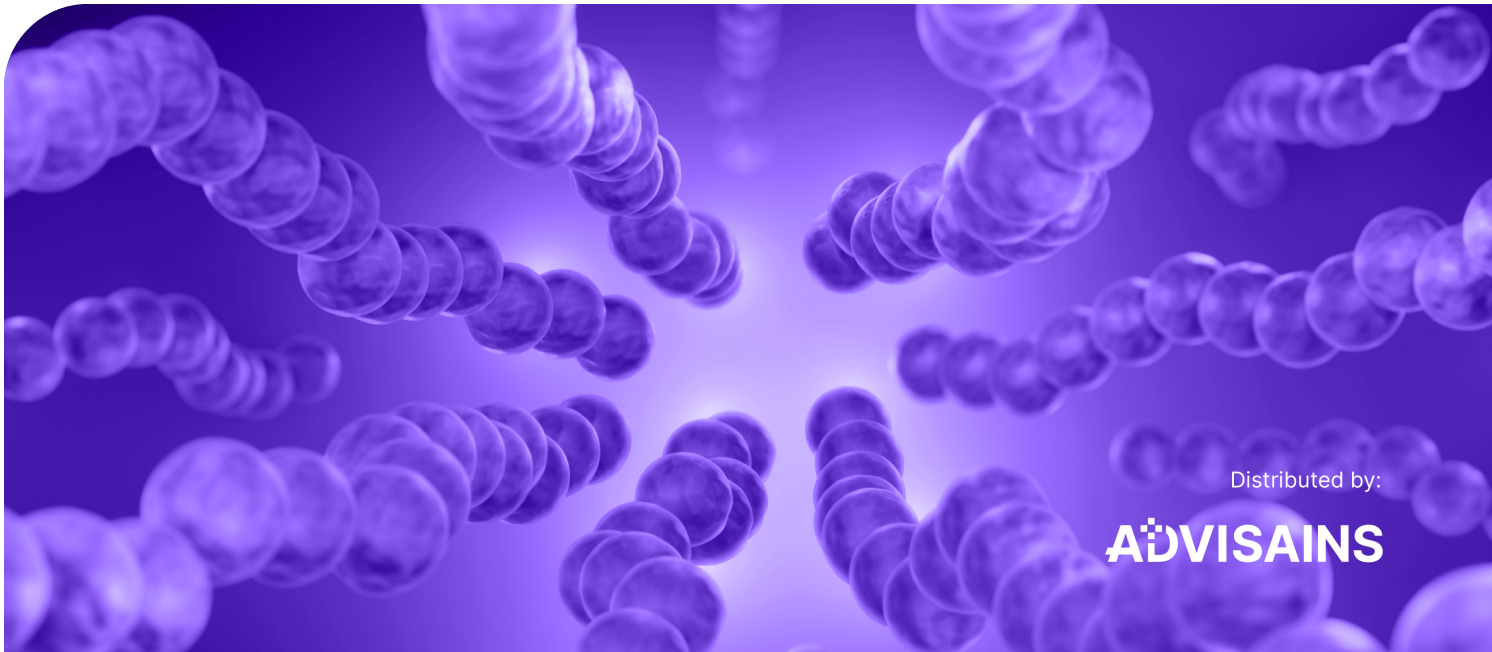
ISOLATE PREPARE INNOCULATE INCUBATE & READ

Rapidly and accurately identify different organisms in your own lab with a simple test procedure:

— No pre- or post-tests necessary, including gram stain

— One minute set-up

— Elimination of variables that can affect results



Database with Relevant Species

Biolog's database has you covered with the most relevant environmental isolates. If you're working with proprietary strains, we support custom database creation too.

>1,560 species of aerobic bacteria

>360 anaerobe species

Examples: Staphylococcus, Bacillus, Pseudomonas, Micrococcus, Ralstonia, Lactobacillus species

>260 species of yeast

>710 species of filamentous fungi

Examples: Saccharomyces, Candida, Penicillium, Aspergillus, Cladosporium species

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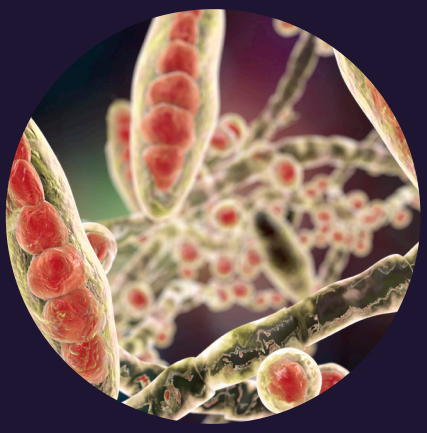
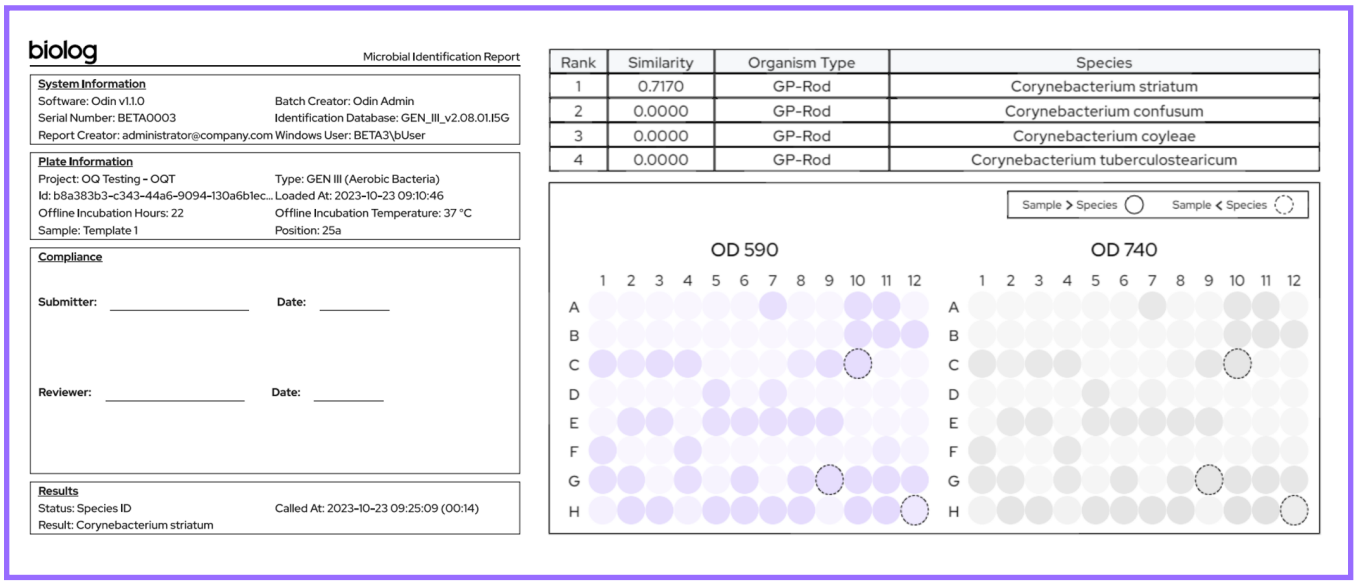


User-Friendly Software

Biolog's software makes the whole microbial identification process easy, from sample input to generation and export of the final report. All identification results are securely stored in a local database, and an optional package is available to support 21 CFR Part 11 compliance.



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Microbial Identification Report

System Information
Software: Odin v1.1.0
Batch Creator: Odin Admin
Serial Number: BETA0003
Identification Database: GEN_III_v2.08.01.15G
Report Creator: administrator@company.com
Windows User: BETA3\bUser

Plate Information
Project: OQ Testing - OQT
Type: GEN III (Aerobic Bacteria)
Id: b8a383b3-c343-44a6-9094-130a6b1ec...
Loaded At: 2023-10-23 09:10:46
Offline Incubation Hours: 22
Offline Incubation Temperature: 37 °C
Sample: Template 1
Position: 25a

Compliance
Submitter: _____ Date: _____
Reviewer: _____ Date: _____

Results
Status: Species ID
Called At: 2023-10-23 09:25:09 (00:14)
Result: Corynebacterium striatum

Rank	Similarity	Organism Type	Species
1	0.7170	GP-Rod	Corynebacterium striatum
2	0.0000	GP-Rod	Corynebacterium confusum
3	0.0000	GP-Rod	Corynebacterium coyleae
4	0.0000	GP-Rod	Corynebacterium tuberculostearicum

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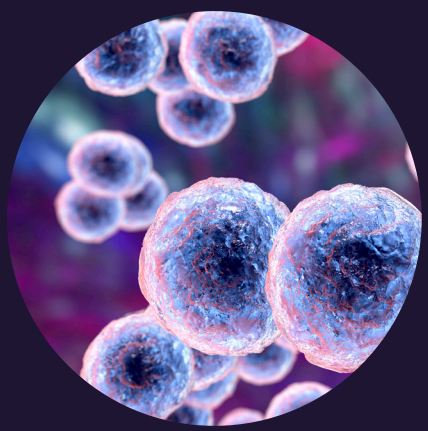
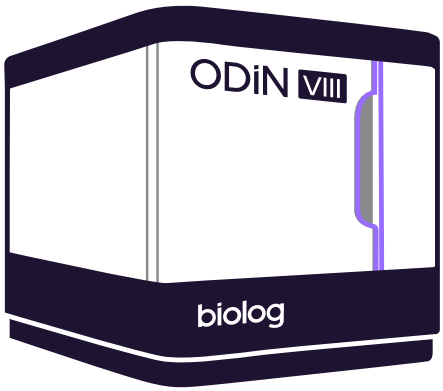



Systems for Streamlined Microbial Identification

Rapidly and accurately identify nearly 3,000 species of aerobic and anaerobic bacteria, yeast, and fungi, at any level of throughput you need in your lab.

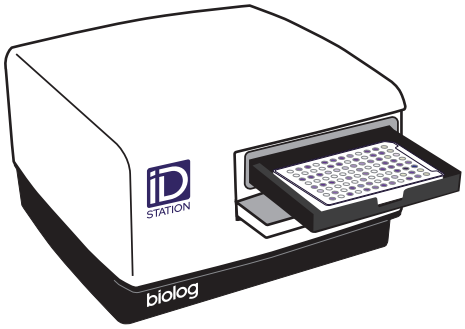
Odin L

Fully automated incubator/reader for up to 50 plates/run



Odin VIII

Fully automated incubator/reader for up to 8 plates/run



ID Station

Single plate reader

Applications for Microbial Identification

Pharmaceuticals

Whether you are working with finished drugs or raw materials, quality verification testing is your strongest asset in establishing product quality and consistency.

Cosmetics

Protect your products, protect your brand by identifying microbial contaminants.

Food & Beverage

We help you maintain your quality control standards and give you the confidence of knowing exactly what is in your processes.

Animal Science

Detect and identify microorganisms that can cause disease in livestock or pets with a low upfront capital investment and a simple procedure.

Probiotics

Provide your customers assurance that your probiotic products are of the highest quality. From lot to lot, test the consistency and validate the identity of the organisms.

Water Treatment

Verify water is contamination free with quick in-house testing and monitor treated wastewater for particular pathogens.

Choose your Method

biolog.com/ID

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MKT 113 Rev B May 2024