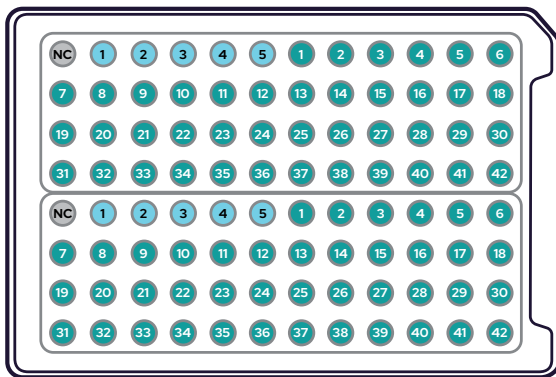


Biolog Solutions for Revolutionizing Anaerobic Microbe Cultivation

The Anaerobic MediaMatcher™ (AN-MM) microplate overcomes the challenges of culturing complex anaerobic organisms, particularly those found in the gut microbiome



- N: Negative Control
- 1-5: Commercial Media
- 1-42: Biolog Synthetic Media

Comprehensive Anaerobic Media Selection:

The Anaerobic MediaMatcher microplate is preloaded with 47 distinct media formulations in duplicate. 5 of them are commercially available while the other 42 are produced exclusively by Biolog, providing a broad spectrum of additives explicitly tailored for anaerobic microbes.

Anaerobic MediaMatcher and the Biolog Synthetic Media™ can be used in many applications including:



Gut microbiome



Anaerobic fermentation

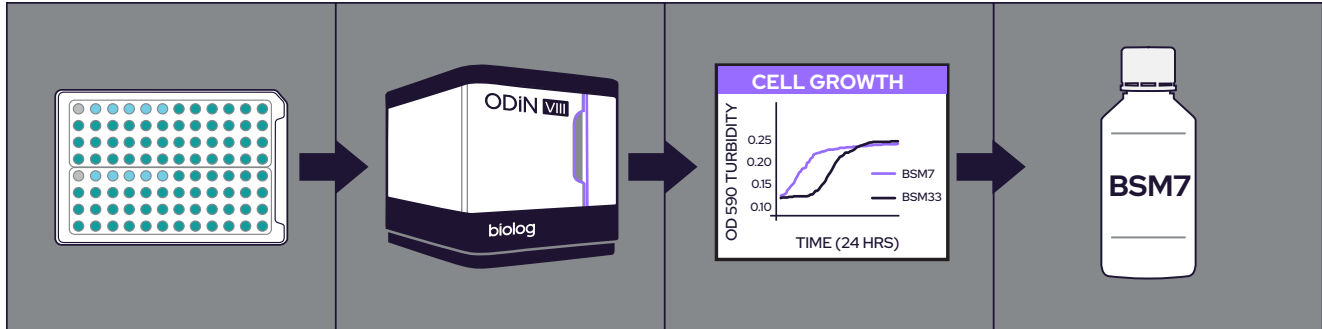


Probiotics

Learn more



Identify the best media for your anaerobic strains or community using Anaerobic MediaMatcher and scale up quickly with the identified media.



A challenging anaerobic microbe, isolated from a bio specimen, is subcultured on a rich agar and plated on an AN-MM plate within an anaerobic chamber.

The plate is sealed and transferred to Odin for 24 hours of incubation and analysis.

Kinetic OD measurements are employed to identify the optimal media (BSM7), which meets the researcher's needs by promoting anaerobic growth while minimizing the lag phase.

BSM7 is acquired to replace the standard inoculating fluid specified for PreBioM plates, enabling metabolic phenotyping of this microbe.

	Casein	Peptone	Yeast Extract	Hemin	Vitamin K1	L-Cysteine HCL	Oxygen-Depleting Enzyme System	Sodium Thioglycolate	Polysorbate 80	Rumen Fluid	BHI w/o dextrose
BSM1											
BSM2											
BSM3											
BSM4											
BSM5											
BSM6											
BSM7											
BSM8											
BSM9											
BSM10											
BSM11											
BSM12											
BSM13											
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BSM38											
BSM39											
BSM40											
BSM41											
BSM42											

Engineered for Excellence with DOE Principles

Biolog Synthetic Media (BSM) are meticulously crafted using Design of Experiment (DOE) principles, allowing for comprehensive sampling of diverse variables.

This innovative approach delivers a turnkey solution for cultivating challenging anaerobic microbes.

CONCENTRATION LEVELS

HIGH	
MEDIUM	
LOW	



Biolog is a world leader in cell-based phenotypic testing technologies and assays. We have focused our efforts on developing technologies and products to test the properties of cells (phenotypes) very simply and efficiently.

Learn more at [biolog.com](https://www.biolog.com) or email us at info@biolog.com