

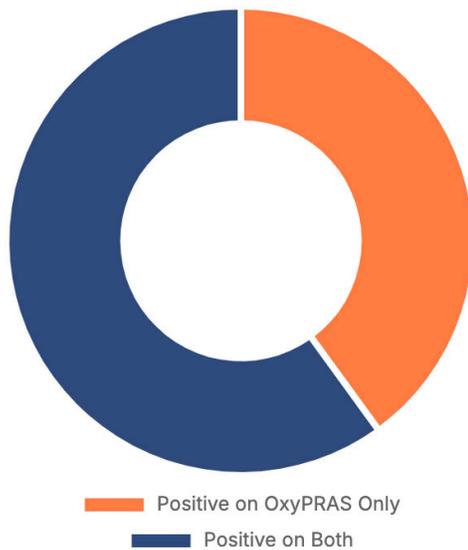
The PRAS Advantage in Anaerobic Diagnostics

An independent evaluation by Nationwide Children's Hospital reveals the superior performance and efficiency of OxyPRAS Plus media.

A 67% Increase in Samples Positive for Anaerobes

When compared directly with BBL media using 55 patient samples, OxyPRAS Plus media identified significantly more infections, providing critical diagnostic information that would have otherwise been missed.

Breakdown of 10 Positive Samples



10 Positive Samples

Detected with OxyPRAS Plus Media

6 Positive Samples

Detected with BBL Media

This dramatic increase in recovery leads to more accurate diagnoses, targeted antimicrobial therapy, and improved patient outcomes.

Infections Found Only with OxyPRAS Plus

Back Aspirate

Actinomyces sp.

Sinus Aspirate

Veillonella sp.

Pacer Deep Lead Swab

P. acnes

Ear Abscess

Peptostreptococcus sp.

Documented Workflow Benefits

- Convenient to use due to pre-reduced nature of the media
- Media maintains reduced state on the bench top allowing for flexibility
- Extended 3 month shelf life reduces waste

LEARN MORE ABOUT PRAS HERE



OxyPRAS Plus[®] Plates

Elevating the Gold Standard in Anaerobic Bacteriology

The Challenges of Anaerobes

Slow & Unreliable Growth

Conventional media can fail to recover stressed and injured anaerobes, leading to diagnostic delays.

Risk of False Negatives

Even minimal oxygen exposure or oxidation can inhibit growth and compromise sample integrity.

Complex & Inefficient Workflows

Pre-reduction preparation and steps consume valuable time, space, and resources.

The Solution: The Patented Oxyrase[®] Enzyme System

OxyPRAS Plus[®] Plates integrate the Oxyrase[®] enzyme directly into the agar. This system actively and continuously removes oxygen from the medium, creating the ultimate growth environment and dramatically simplifying your workflow.

Superior Anaerobe Recovery

An independent study showed 67% increase in the identification of anaerobic infections compared to non-PRAS media.

Unprecedented Workflow Flexibility

Plates arrive ready to use, no post-reduction needed.

Stable on bench top for up to 2h, compared to 15-30 min.

Faster, more Robust Growth

The Oxyrase[®] enzyme system promotes more vigorous and reliable growth of fastidious anaerobes by creating an optimal, oxygen free environment.

Lower Cumulative Healthcare Cost

Reduces repeat testings and saves time leading to more efficient diagnoses and better patient outcomes, ultimately lowering the overall cost of care.

See our Products Here:



End the Anaerobic Bottleneck

Discover how OxyPlates transform your anaerobic workflow, saving time, reducing costs, and accelerating diagnostic results.

The Persistent Challenges of Traditional Methods



Workflow Delays

Gas-paks can take up to 4 hours to create an anaerobic environment. Batch processing in jars leads to significant workflow bottlenecks and idle time.



Compromised Viability

Opening an anaerobic jar exposes all plates to oxygen, risking the viability of sensitive anaerobes and forcing time-consuming re-incubation.

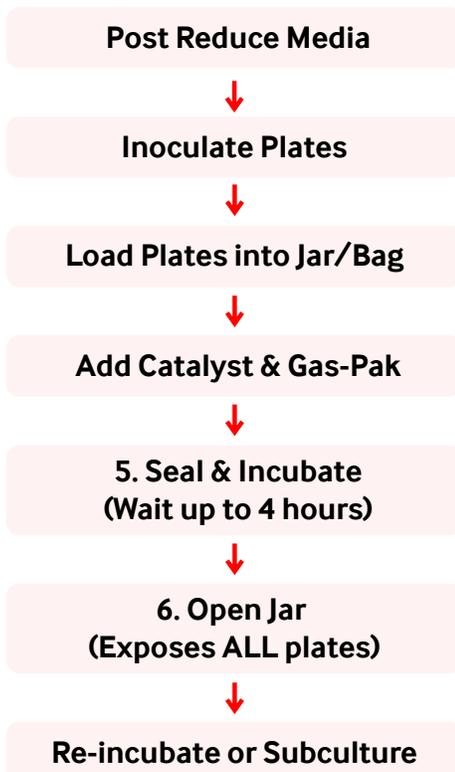


High Costs & Complexity

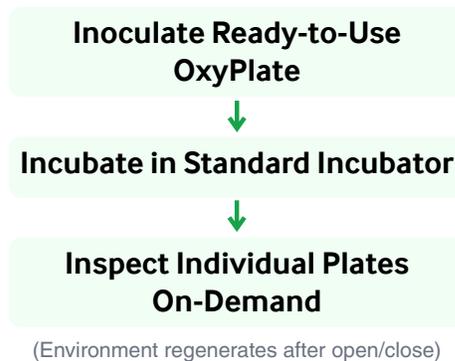
Anaerobic chambers require a massive capital investment, dedicated space, and constant maintenance with specialized gas mixtures and consumables.

A Fundamentally Simpler Workflow

Traditional Workflow



OxyPlate Workflow



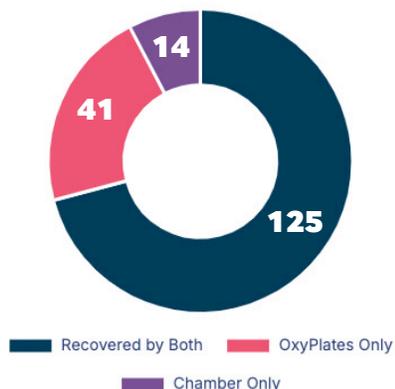
**SAVE TIME
AND
CUT COSTS**

Clinical Performance: A Head-to-Head Comparison

Comparing the OxyPlate system vs. the conventional anaerobic chamber in a study assessing recovery of anaerobic bacteria from clinical specimens.

Head-to-Head: Overall Strain Recovery

Of the 180 total strains isolated, the distribution of recovery between the two methods reveals important performance differences. While most strains were recovered by both, the OxyPlate system demonstrated a clear advantage in capturing strains missed by the traditional chamber.



The Bottom Line: A Clear Cost Advantage

By eliminating the need for expensive equipment, maintenance, and consumables like anaerobic gas, the OxyPlate system delivers significant cost savings. This financial benefit, combined with superior performance, makes it a compelling choice for any lab.



Total Estimated
\$2,965
 Annual Savings
 (Based on 1,410 wound & 468 fluid cultures)

Data retrieved from: THURSTON, M. and GANNON, C.K. (1997), A COMPARISON STUDY BETWEEN OXYRASE ANAEROBIC AGAR PLATES AND CONVENTIONAL ANAEROBIC CHAMBER FOR THE ISOLATION AND IDENTIFICATION OF ANAEROBIC BACTERIA FROM CLINICAL INFECTIONS. Journal of Rapid Methods & Automation in Microbiology, 5: 13-20. <https://doi.org/10.1111/j.1745-4581.1997.tb00144.x>

Operational Showdown

FEATURE	ANAEROBIC JARS/BAGS	ANAEROBIC CHAMBER	OXYPLATES
Plate Inspection	Disrupts anaerobiosis	On-demand but cumbersome	On-demand; Regenerative
Incubation	Aerobic	Dedicated anaerobic	Standard Aerobic
Initial investment	Moderate	High	Low (media only)
Workflow	Batch-dependent	Streamlined in chamber	Flexible, "Work when ready"

Ready to Revolutionize Your Workflow?

Experience the convenience and control of OxyPlates™ firsthand. Simplify your process, empower your microbiologists, and improve patient outcomes.

SCAN TO LEARN MORE

