

Anaerobes

Complete solutions to simplify complex applications

Thermo Scientific[™] anaerobe testing workflow guide

From sample collection to susceptibility testing, comprehensive solutions and support for testing anaerobes

Enabling excellent recovery for a

wide range of bacteria, including

and transport solutions were

designed to safely protect the

Direct sample

Gel Transport Swab

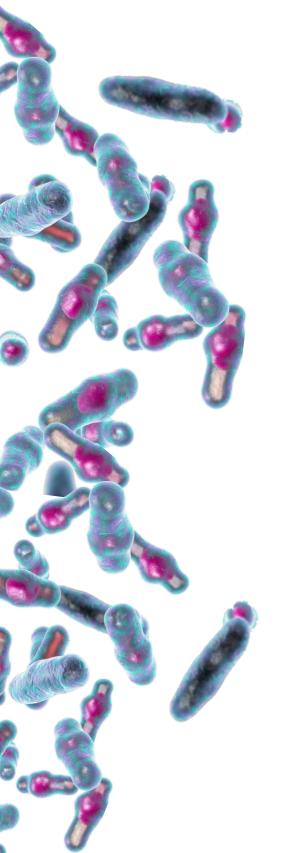
integrity of your bacterial cultures.

• Transport medium (24-48 hours)

► Thermo Scientific[™] Amies Agar

anaerobes, our bacterial collection

Perform reliable, validated anaerobe testing and help optimize patient treatment with our complete range of anaerobe workflow solutions. Let us simplify the testing of these challenging organisms to streamline your workflow while meeting the new EUCAST guidelines.



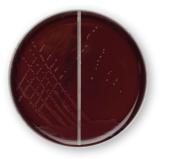
Sample Enrichment



Cultivate aerobic and anaerobic organisms, as well as streptococci, pneumococci, meningococci and other fastidious organisms with highly nutritious prepared media tubes.

- ► Thermo Scientific™ Brain Heart Infusion (BHI) Broth
- ► Thermo Scientific™ Schaedler Broth
- ► Thermo Scientific™ Thioglycollate Medium USP Prepared Media Tubes

Isolation



Easily recover anaerobic bacteria including *Bacteroides*, *Prevotella* and *Porphyromonas* spp. with highly selective and nutritious prepared culture media plates.

Use Thermo Scientific biplate media to save incubator space and cost of atmosphere generating materials.

- ► Thermo Scientific™ Schaedler Anaerobe Agar Plates and Biplates
- ► Thermo Scientific™ A.R.I.A Medium

Identification

Antimicrobial Susceptibility
Testing (AST)



Identify over 90 medically important anaerobes in just four hours using the Thermo Scientific™ RapID™ ANA II System, an identification system based on enzyme technology.

► Thermo Scientific™ RapID™ ANA II System



Meet new EUCAST guidelines for AST of selected rapidly growing anaerobic bacteria with new Fastidious Anaerobe Agar with Horse Blood, combined with a variety of manual AST disks. Or, achieve minimum inhibitory concentration (MIC) results with our AST plate for testing anaerobes and *B. fragilis* group.

- ► **NEW** Liofilchem Fastidious Anaerobe Agar with Horse Blood (FAA - HB)
- ► Thermo Scientific™ Oxoid™ AST Discs
- ► Thermo Scientific™ Sensititre™ Anaerobe ANAERO3 MIC Plate

Quality Control



Ready-to-use, disposable inoculation loops provide enhanced recovery and reproducibility via unique gel preservation system, including convenient, ATCC®-derived strains specifically for anaerobe testing.

▶ Thermo Scientific™ Culti-Loops™

Incubation in anaerobic atmosphere



Flexible atmosphere generation systems (AGS) in a variety of formats to support your choice of environment, including anaerobic, microaerophilic and CO₂. Our end-to-end AGS range now includes a convenient CE-marked 2.5 L and 3.5 L capacity jars — just one anaerobic jar and one sachet are all you need to streamline your workflow while reducing waste.

- ► Thermo Scientific[™] Oxoid[™] AnaeroJar
- ► Thermo Scientific™ Oxoid™ AnaeroBox™
- ► Thermo Scientific™ Oxoid™ AnaeroGen™



Less incubator space



Less hands-on time



Less anciliary products



Less waste



Meet new EUCAST guidelines for AST of anaerobes

The European Committee on Antimicrobial Susceptibility
Testing (EUCAST) recently introduced new guidelines for
performing AST of selected rapidly growing anaerobes via
disc diffusion methodology on Fastidious Anaerobe Agar
(FAA)¹. Liofilchem Fastidious Anaerobe Agar with Horse Blood

(FAA-HB) is a ready-to-use agar plate for the cultivation and AST of anaerobic bacteria, recommended by EUCAST for disc diffusion of selected rapidly growing anaerobic bacteria. Refer to the current EUCAST disk diffusion reading guide for anaerobic bacteria.²

Ordering information

Description		Quantity	Cat. No
Collection and transport			
Thermo Scientific™ Amies Agar Gel Transport Swab		10/case	TS0001A
Enrichment			
Thermo Scientific™ Brain Heart Infusion (BHI) Broth		10x50 tubes	TV5090E
Thermo Scientific™ Schaedler Broth		10x50 tubes	TV5008D
Thermo Scientific™ Thioglycollate Medium USP Prepared Media Tubes		10x50 tubes	TV5001D
Thermo Scientific™ Thioglycollate Medium with Haemin and Vitamin K		10x50 tubes	TV5095D
Isolation			
Thermo Scientific™ Schaedler Anaerobe Agar with Sheep Blood, Haemin and Vitamin K1		90 mm plate	PB5034A
Thermo Scientific™ Oxoid™ Schaedler Anaerobe KV Selective Agar with Lysed Horse Blood		90 mm plate	PO5020A
Thermo Scientific™ Schaedler Anaerobe Agar / Schaedler Anaerobe KV Selective Agar Biplate		90 mm biplate	PB5204E
Thermo Scientific™ A.R.I.A Medium with 5% Horse Blood		90 mm plate	PB1243A
	And Neomycin	90 mm plate	PB1244A
Anaerobe Blood Agar (Wilkins Chalgren) with Nalidixic Acid and Tween		90 mm plate	PB0113A
A.R.I.A. Medium with 5% Horse Blood/ A.R.I.A. Medium with 5% Horse Blood and Neomycin Biplate		90 mm biplate	PB1260E
Identification			
Thermo Scientific™ RapID™ ANA Plus Panel		20 panels/kit	R8311002
AST			
Liofilchem Fastidious Anaerobe Agar with Horse Blood (FAA-HB)		2x90 mm plates	PO10062
Thermo Scientific™ Oxoid™ AST Discs	Meropenem	50 discs/cartridge, 5 cartridges/pk	CT0774B
	Clindamycin	50 discs/cartridge, 5 cartridges/pk	CT0064B
	Metronidazole	50 discs/cartridge, 5 cartridges/pk	CT0067B
	Penicillin G	50 discs/cartridge, 5 cartridges/pk	CT0152B
	Vancomycin	50 discs/cartridge, 5 cartridges/pk	CT0188B
Thermo Scientific™ Sensititre™ Anaerobe ANAERO3 MIC Plate		10/pk	ANAERO3
Quality control			
Thermo Scientific™ Culti-Loops™	Bacteroides fragilis ATCC® 25285™	5/pk	R4601250
	Clostridium perfringens ATCC® 13124™	5/pk	R4601600
Incubation in anaerobic atmosphere			
Thermo Scientific™ Oxoid™ AnaeroJar		2.5 L	AG0025A
		3.5 L	AG0035A
TI O I US THO I ITM A D THE STATE OF THE STA		2.5 L	AB0025A
Thermo Scientific™ Oxoid™ AnaeroBox™ Box with Lid and Seal		3.5 L	AB0035A
Thermo Scientific™ Oxoid™ AnaeroGen™ Sachets		2.5 L	AN0025A
		3.5 L	AN0035A
Thermo Scientific™ Oxoid™ Resazurin Anaerobic Indicator		100 sachets	BR0055B
Thermo Scientific™ Oxoid™ AnaeroGen™ Compact		10 sachets and 10 pouches	AN0010C
Thermo Scientific™ Oxoid™ AnaeroGen™ W-Zip Compact Gas Generator System		10 sachets and 10 W-Zip pouches	AN0010W



The ATCC Licensed Derivative Emblem, the ATCC Licensed Derivative word mark, and the ATCC catalog marks are trademarks of ATCC. Remel Inc. is licensed to use these trademarks and sell products derived from ATCC® cultures. The identity, purity, and authenticity of the Licensed Products are exclusively the responsibility of Remel Inc., and not ATCC.



1. https://www.eucast.org/fileadmin/src/media/PDFs/EUCAST_files/Anaerobic_bacteria/2022_anaerobes/EUCAST_disk_diffusion_methodology_for_rapidly_growing_anaerobic_bacteria_with_0C_v_1.0_2022.pdf 2. https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.eucast.org%2Ffileadmin%2Fsrc%2Fmedia%2FPDFs%2FEUCAST_files%2FBreakpoint_tables%2FV_12.0_Breakpoint_Tables.xlsx&wd0rigin=BROWSELINK. *For research use only. Not for use in diagnostic procedures.



For more information on anaerobe testing solutions, contact your local Thermo Fisher Scientific Microbiology representative or visit **thermofisher.com/anaerobes**

Thermo Fisher Scientific products are distributed globally so uses, applications, and availability of product in each country depend on local regulatory marketing authorization status. Liofilchem FAA-HB is CE marked but not 510(k)-cleared and not available for sale in the U.S. Availability of products in each country depends on local regulatory marketing authorization status. Liofilchem is the legal manufacturer of FAA-HB. FAA-HB is distributed in Europe by Thermo Fisher Scientific. © 2023 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. **LT2922A 0623**