

Instructions for Use

THE ANABAG 150™

Cat. no. AB20	AnaBag 150™	20 bags/box
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INTENDED USE

Hardy Diagnostics AnaBag 150™ is a disposable environmental bag used for the incubation of 150mm plates in both anaerobic and CO₂ enriched atmospheres. The AnaBag 150™ can be used as follows:

1. To hold a large (150mm) plate of HTM Agar (Cat. no. H07) for sensitivity testing for *H. influenzae* in a CO₂ enriched atmosphere.
2. To hold a large (150mm) plate of Brucella with H & K (Cat. no. H05) for susceptibility testing of anaerobes in an anaerobic atmosphere utilizing "Etest®" strips.

SUMMARY

The AnaBag 150™ is constructed from a triple laminated polymer which forms a barrier to oxygen, CO₂, and other gases. This bag is not suitable for maintaining microaerophilic (5% O₂, 10% CO₂, 85% N₂) conditions. The dimensions are 8 x 12 3/4 inches.

PRECAUTIONS

This product may contain components of animal origin. Certified knowledge of the origin and/or sanitary state of the animals does not guarantee the absence of transmissible pathogenic agents. Therefore, it is recommended that these products be treated as potentially infectious, and handle observing the usual universal blood precautions. Do not ingest, inhale, or allow to come into contact with skin.

This product is for laboratory use only. It is to be used only by adequately trained and qualified laboratory personnel. Observe approved biohazard precautions and aseptic techniques. All laboratory specimens should be considered infectious and handled according to "standard precautions." Refer to the document "[Guidelines for Isolation Precautions](#)" from the Centers for Disease Control and Prevention.

For additional information regarding specific precautions for the prevention of the transmission of all infectious agents from laboratory instruments and materials, and for recommendations for the management of exposure to infectious disease, refer to CLSI document M29: *Protection of Laboratory Workers from Occupationally Acquired Infections*.

Sterilize all biohazard waste before disposal.

Refer to the document "[Precautions When Using Media](#)" for more information.

STORAGE

Store product in a dry, cool place away from extreme heat or freezing. Do not use if product is torn or damaged.

The expiration date on the product label applies to the product in its intact packaging when stored as directed. The product may be used and tested up to the expiration date on the product label and incubated for the recommended quality control incubation times as stated below.

The plates must be inoculated **immediately** after opening the AnaeroGRO™ pouch. After inoculation, the plates must be placed **immediately** into an anaerobic atmosphere (pouch, jar, or chamber) to avoid exposure to oxygen and ensure optimal growth of anaerobic bacteria.

Refer to the document "[Storage](#)" for more information.

PROCEDURE

1. Inoculate plate and place disks or gradient strips according to the manufacturers instructions.
2. Place the plate in the bag, then follow the procedure to activate gas generators, using the manufacturers instructions. Insert/Activate the color indicator as instructed by the manufacturer. See the "Materials Needed" section below.
3. The bag can then be sealed with a heat sealer or with a plastic sealing bar listed in the "Materials Needed" section below.
4. Incubate at an appropriate temperature and time for maximum recovery of the organism(s). The bag is opened by pulling the orange tab. Remove the plate and examine for growth.

The AnaBag 150™ should be discarded after each use, due to the possible development of pinhole size leaks or moisture leading to contamination.

INTERPRETATION OF RESULTS

A color change in the indicator strip, as well as growth of test organisms signifies that the proper atmospheric condition has been achieved. Consult the manufacturers package insert for additional information regarding interpretation of the indicator strip.

LIMITATIONS

Indicator strips are designed to be used only once and then discarded. Once opened, indicator strips and gas generators should immediately be placed and sealed in the AnaBag 150™.

Inoculated media should be placed in the specified environment as soon as possible.

A tight seal must be made in order to generate and maintain the necessary atmospheric conditions.

This bag is not recommended for use in maintaining a microaerophilic (as for *Campylobacter* spp.) atmosphere.

MATERIALS REQUIRED BUT NOT PROVIDED

The following additional products are available from Hardy Diagnostics:

1.	Culture Media	Diameter	Cat. no.	Organisms Tested
	Brucella with H & K Agar	150mm	H05	All Anaerobes
	Haemophilus Test Medium (HTM)	150mm	H07	<i>Haemophilus</i> spp.
	Mueller Hinton with Blood	150mm	H21	<i>S. pneumoniae</i>

2.	Gas Generator

Anaerobic Atmosphere
AnaeroGen™, Cat. no. AN25US and AN35US, is an anaerobic gas generating envelope that requires no water and no catalyst. It is packaged 10 envelopes/box.
CO ₂ Enriched Atmosphere
CO ₂ Generator, Cat. no. CD020C, 20 sachets, by Oxoid.
CO ₂ Indicators - IndiKwik™, Cat. no. G511, 100 tests, by Pulse Scientific.

3.	Sealing Bars
	Sealing bars for CampyGen, AnaeroGen, or CO ₂ Gen Compact pouches, reusable, 5/package, Cat. no. AN005C, by Oxoid.

USER QUALITY CONTROL

End users of commercially prepared culture media should perform QC testing in accordance with applicable government regulatory agencies, and in compliance with accreditation requirements. Hardy Diagnostics recommends end users check for signs of contamination and deterioration and, if dictated by laboratory quality control procedures or regulation, perform quality control testing to demonstrate growth or a positive reaction and to demonstrate inhibition or a negative reaction, if applicable. Hardy Diagnostics quality control testing is documented on the certificate of analysis (CofA) available from Hardy Diagnostics [Certificate of Analysis](#) website. Also refer to the document "[Finished Product Quality Control Procedures](#)," and the CLSI document M22-A3 *Quality Assurance for Commercially Prepared Microbiological Culture Media* for more information on the appropriate QC procedures. See the references below.

A color change in the indicator strip, as well as growth of test organisms signifies that the proper atmospheric condition has been achieved.

PHYSICAL APPEARANCE

The AnaBag 150™ should be sealed on one end with an orange tab attached at the end of the seal.

PACKAGING

AnaBag 150™:			
AB20	8 x 12 3/4 inch bag	20 bags/box	(gas generators, indicators, and sealing bars are not included)

Etest is a registered trademark of AB BIODISK.

AnaeroGen is a trademark of Oxoid.

IndiKwik is a trademark of Pulse Scientific.

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[Ordering Information](#)

Distribution Centers:

California · Washington · Utah · Arizona · Texas · Ohio · New York · Florida · North Carolina

The Hardy Diagnostics manufacturing facility and quality management system is certified to ISO 13485.

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