

1.13677. Microbiology**Anaerocult® A**

INTENDED USE For generating an anaerobic environment in an anaerobic jar (Cat. No. 1.13681.) or similar 2.5 L jar for the cultivation of Obligate and facultative anaerobes.

PRINCIPLE Anaerocult® A contains components which chemically bind oxygen quickly and completely, creating an Oxygen-free (anaerobic) environment and a CO₂ atmosphere.

CONTENTS 10 Anaerocult® A trays

COMPOSITION OF TRAY

REACTANTS	Components	% by weight
	Kieselguhr	<60%
	Iron powder	<30%
	Citric acid	<20%
	Sodium carbonate	<10%

MATERIALS PROVIDED

10 Anaerocult® A trays

MATERIALS REQUIRED BUT NOT PROVIDED

Anaerotest® strips (Cat. No. 1.13675.)
50 mL measuring cylinder
Deionized water
Anaerobic jar (Cat. No. 1.13681.) or similar 2.5 L capacity jar
Plate basket (Cat. No. 1.13674.) or similar product†

QUALITY CONTROL Anaerobiosis is indicated by the color change in the Anaerotest® strip from blue to white within four hours.* Stock anaerobic organisms may also be used.

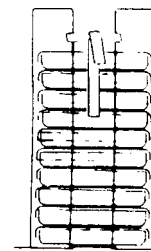
* Anaerobic conditions are achieved in about one hour. This is well before the 3-4 hours it takes for the indicator strip to decolorize.

† **NOTE:** If the plate basket of another vendor is used, do not place Anaerocult® A directly above an overhanging piece of metal in the anaerobic jar.



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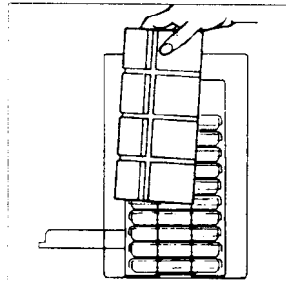
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PROCEDURE**FOR IN VITRO DIAGNOSTIC USE**

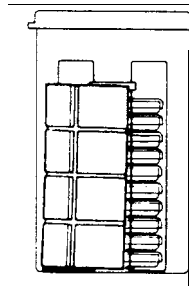
1 Moisten the reaction zone of an Anaerotest® strip (Cat. No. 1.13675.) with a drop of water and fasten to the tab of the plate basket (Cat. No. 1.13674.). The reaction zone of the Anaerotest® strip should hang freely in the air space. Place the plate basket into the anaerobic jar. (Cat. No. 1.13681.). (Fig. 1)



2 Holding the Anaerocult® A tray as horizontal as possible, evenly distribute 35 mLs of water onto the Anaerocult® A special paper over a period of about 15-20 seconds. The measuring cylinder should touch the special paper while pouring. (Fig. 2)



3 Place the Anaerocult® A tray into the anaerobic jar without delay with the printed side of the tray facing the plates. (Fig. 3)



4 Tightly seal the anaerobic jar immediately. (Fig. 4)

STABILITY See expiration date.

STORAGE Seal tightly and protect from moisture (seal the plastic bag well after removing each Anaerocult® A tray).

Recommended storage temperature is +15- 25°C.

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Issued: SEP92
L1.13677-1