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Section: Technical Manual	Subject Title: Anaerobic/Campylobacter Jar Set Up	
Issued by: LABORATORY MANAGER	Original Date: July 31, 2000	
Approved by: Laboratory Director	Revision Date: February 15, 2002	

ANAEROBIC/CAMPYLOBACTER JAR SET UP

Anaerobic Jar

1. Anaerobic plates are kept in the nitrogen holding box until there is enough for a jar or until the end of the day.
2. Place the inoculated plates (max 14), biological indicators and anaerobic indicator strip into an empty anaerobic jar.
3. Tear open an AnaeroGen foil sachet at the tear-nick indicated and remove the Anaero Gen paper sachet from within.
4. Immediately place the paper sachet in the jar down the side of the plates.
5. Place the lid on the jar (no catalyst required) and seal with the clamp.
Note: The time between opening the foil sachet and sealing the jar should not exceed one minute.
Note: Jar and lid must be labelled with the same number.
6. Label jar with date and place in walk in incubator.

Control Testing

An anaerobic indicator is added to each jar as it is set up to visually check that anaerobic conditions have been achieved and maintained. Check the jar after 2 hours incubation to make sure the indicator does not indicate oxygen present.

Biological Indicator

Inoculate a quarter anaerobic plate with the following test organisms:

Bacteroides fragilis ATCC 25285: growth
Clostridium perfringens ATCC 13124: growth
Clostridium difficile ATCC 9089: growth
Pseudomonas aeruginosa ATCC 27853: no growth

Record results on the anaerobic jar QC sheet.

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Campylobacter Jar

1. Campylobacter plates are kept in the CO₂ incubator until there is enough for a jar or until 4 p.m. (Any late cultures will be set up at the end of the shift).
2. Place a dampened paper towel into the bottom of an anaerobic jar.
3. Place the inoculated plates (max 14) into the jar. Include a plate freshly inoculated with the control organism.
4. Tear open an CampyGen foil sachet at the tear-nick indicated and remove the CampyGen paper sachet from within.
5. Immediately place the paper sachet in the jar down the side of the plates.
6. Place the lid on the jar (no catalyst required) and seal with the clamp.
Note: The time between opening the foil sachet and sealing the jar should not exceed one minute.
Note: Jar and lid must be labelled with the same number.
7. Label jar with date and place in walk in 42°C incubator.

Biological Indicator

Inoculate a campylobacter agar plate with the following test organism:

Campylobacter jejuni ATCC 29428: growth

Record results on the anaerobic jar QC sheet.

Note: The technologist on the enteric bench is responsible for the daily subculturing of the control organism (3 new plates). One newly subcultured plate will be incubated with the reincubate culture jar. The old control plate and the remaining 2 newly subcultured plates will be kept in the CO₂ incubator until the end of the day.

The 2 new subcultured plates are for setting up new jars. If more are needed, the technicians will subculture new plates from the old control plate.