

**MM0130****Campylobacter Blood Free Medium**

**Use and description:** This blood free medium was formulated to replace blood with charcoal and support the growth of *Campylobacter jejuni*, *C. coli*, and *C. lari*. The incubation temperature is 37 °C in microaerophilic circumstances. The antibiotic supplement inhibits the growth of yeasts and bacteria.

**Composition per liter:**

Peptones	24.00 g
Acid casein	3.00 g
Bacterological charcoal.....	4.00 g
Sodium chloride	3.00 g
Fe <sub>2</sub> SO <sub>4</sub>	0.25 g
Sodium pyruvate	0.25 g
Sodium desoxycholate	1.00 g
Agar	12.00 g

**Final pH of the ready to use medium:** 7.4 ± 0.2

**Medium preparation:** Add 47.5 grams of dehydrated culture medium to 1 liter distilled water until evenly dispersed with stirring and sterilised at 121°C for 15 minutes. Cool to 45-50°C, add to 2 vials of camp. antibiotic supplement MMS002 mix well and pour into tubes or plates.

MMS002..... Bloodfree Supplement  
Cefoperazone 16mg  
Amphotericin B 5 mg

**Quality specification:**

Dehydrated medium: homogeneous, light black powder.  
Ready to use medium: black medium.

**Microbiological response:**

<b>Organisms</b>	<b>Result</b>
<i>Campylobacter jejuni</i> ATCC 33291	growth
<i>Campylobacter coli</i> ATCC 25922	inhibited

**Storage:** Dehydrated medium should be stored between 10 to 25°C. Once opened, place the container in a dark, dry place. The dehydrated medium should not be used if there is any lump or if the color has changed from the original.