

PRODUCT INFORMATION

Campy-Blood Free Selective Medium

Cat. No. C03-102

DESCRIPTION

Campy-Blood Free Selective Medium with the addition of an antibiotic supplement is used for the selective isolation of *Campylobacter jejuni*, *C. coli*, and *C. lari* from food.

FORMULA (g/L)

Nutrient Broth No. 2	25.0 g	Casein Hydrolysate	3.0 g
Bacteriological Charcoal	4.0 g	Sodium Deoxycholate	1.0 g
Ferrous Sulfate	0.25 g	Sodium Pyruvate	0.25 g
Agar	12.0 g		

Final pH: 7.2 ± 0.2 at 25 °C

*Grams per liter may be adjusted or formula supplemented to obtain desired performance.

PREPARATION

Mix 45.5 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil until complete dissolution is achieved. Distribute and autoclave at 121°C for 15 minutes. Cool to 45-50°C and aseptically add 4mL of a sterile filtered aqueous solution containing 32mg of Cefoperazone and 10 mg of Amphotercin B. Mix well and pour into sterile Petri dishes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and grey-black.
2. Visually the prepared medium is opaque and dark grey to black.
3. Expected cultural response after 24-48 hours at 37°C in an atmosphere consisting of approximately 5-6% oxygen, 10% carbon dioxide and 84-85% nitrogen.

ORGANISM	RESULT
<i>Escherichia coli</i> ATCC 25922	Inhibited
<i>Campylobacter jejuni</i> ATCC 33291	Growth



STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

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