

## PRODUCT INFORMATION

CDC Anaerobic Agar

Cat. No. C03-100

### DESCRIPTION

CDC Anaerobic Agar is used for the isolation and cultivation of obligate anaerobes.

### FORMULA (g/L)

Papaic Digest of Soybeans	5.0 g	Casein Digest Peptone	15.0 g
Yeast Extract	5.0 g	Sodium Chloride	5.0 g
L-Cystine	0.4 g	Agar	15.0 g

Final pH: 7.5 ± 0.2 at 25 °C

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

### PREPARATION

Mix 45.4 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Distribute and autoclave at 121°C for 15 minutes. Cool to 45-50°C and aseptically add Vitamin K1 at 0.01 g/L. Hemin at 0.005 g/L and 5-10% defibrinated blood.

### QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and trace to light haze.
2. Visually the prepared medium is trace to light haze and light beige to amber.
3. Expected cultural response after 2 to 3 days at 35 ± 2°C

ORGANISM	RESULTS	
<i>Bacteroides vulgatus</i> ATCC 8482	Good to Excellent	-
<i>Clostridium difficile</i> ATCC 9689	Fair to Excellent	Beta hemolysis
<i>Clostridium novyi</i> ATCC 7659	Fair to Excellent	Beta hemolysis
<i>Clostridium perfringens</i> ATCC 13124	Good to Excellent	Beta hemolysis
<i>Clostridium sporogenes</i> ATCC 11437	Good to Excellent	Beta hemolysis

Version 01 – Date 07/08/24



## **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.

Version 01 – Date 07/08/24