

PRODUCT INFORMATION

Reinforced Clostridial Medium

Cat. No. R18-105



ALPHA[™]
BIOSCIENCES

Date of Issue:
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DESCRIPTION

Reinforced Clostridial Medium is used in nonselective cultivation and enumeration of Clostridium species.

PREPARATION

Mix 38 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and light beige.
2. Visually the prepared medium is brilliant to clear and yellow with little to no precipitation.
3. Expected cultural response after 24-72 hours at 35°C ± 2°C.

Organism:

Bacteroides vulgatus ATCC® 8482
Clostridium perfringens ATCC® 13124
Clostridium sporogenes ATCC® 11437

Formula* per Liter:

| | |
|----------------------------------|-------|
| Enzymatic Digest of Casein | 10.0g |
| Beef Extract | 10.0g |
| Dextrose | 5.0g |
| Sodium Chloride | 5.0g |
| Yeast Extract | 3.0g |
| Sodium Acetate | 3.0g |
| Soluble Starch | 1.0g |
| L-Cysteine HCL | 0.5g |
| Agar | 0.5g |

Final pH: 6.8 ± 0.2 at 25°C

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

Result:

Growth
Growth
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 light beige.