

PRODUCT INFORMATION

Your Smarter Culture Media Choice



Columbia CNA Agar Cat. No. C03-113

Date of issue
2/03/16

DESCRIPTION

Columbia CNA Agar is used with blood in isolating Gram-positive cocci.

Formula* per Liter:

Peptone	20.0g
Peptic Digest of Animal Tissue	3.0g
Sodium Chloride.....	5.0g
Corn Starch	1.0g
Colistin Sulfate	0.01g
Naladixic Acid.....	0.015g
Agar	14.0g

Final pH: 7.3 ± 0.2 at 25°C

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

PREPARATION

Mix 43.0 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. Prepare 5-10% blood agar by adding the appropriate volume of sterile defibrinated blood to melted sterile agar medium cooled to 45-50°C. Dispense into Petri dishes or tubes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and light beige.
2. Visually the prepared medium is opaque and amber/red.
3. Expected cultural response after 18 to 24 hours at 35°C under 5-10% CO₂.

Organism:

Proteus mirabilis ATCC 12453
Pseudomonas aeruginosa ATCC 27853
Staphylococcus aureus ATCC 25923
Streptococcus pneumoniae ATCC 6305
Streptococcus pyogenes ATCC 19615

Results:

Inhibited
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Good Growth- Beta Hemolysis
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Good Growth- Beta Hemolysis

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.