PRODUCT INFORMATION

Blood Agar Base No. 2

Cat. No. B02-109

Blood Agar Base No. 2 is used for the isolation, cultivation and recovery of fastidious microorganisms to study hemolysis activity.

DESCRIPTION

Blood Agar Base No. 2 is used for the isolation, cultivation and recovery of fastidious microorganisms to study hemolysis activity.

FORMULA (g/L)

Proteose peptone	16.0 g	Yeast extract	5.0 g
Sodium chloride	5.0 g	Bacteriological agar	11.0 g
Liver powder	2.5 g		

Final pH: 7.0 ± 0.2 at 25 ºC

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

PREPARATION

Suspend 39.5 grams of the medium in one liter of distilled water. Mix well and dissolve by heating with frequent agitation. Boil for one minute until complete dissolution. Sterilize in autoclave at 121 ºC for 15 minutes. Cool to 45-50 ºC and aseptically add 5-7% of sterile defibrinated blood, homogenize and pour into Petri dishes. Be careful to avoid bubble formation when adding the blood to the cooled medium and rotate the flask or bottle slowly to create a homogeneous solution.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, free flowing and beige.
2. Visually the prepared medium is opaque red, without rests.
3. Expected cultural response after 40-48 hours at 41.5 ºC ± 1°C.

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ORGANISM	GROWTH
Campylobacter jejuni ATCC 29428	Good Growth
Campylobacter jejuni ATCC 33291	Good Growth
Campylobacter coli ATCC 43478	Good Growth

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 25°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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