

PRODUCT INFORMATION

Brucella Agar

Cat. No. B02-119



Date of Issue:
10/01/17

DESCRIPTION

Brucella Agar is recommended for the cultivation of *Brucella sp.*

PREPARATION

Mix 43 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121°C for 15 minutes. Add aseptically 5% sterile sheep blood.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and light beige.
2. Visually the prepared medium is yellow beige and clear to slightly hazy.
3. Expected cultural response after 24-72 hours at 35°C under 3% CO₂

Organism:

Staphylococcus aureus ATCC® 25923
Brucella ovis ATCC® 25840
Streptococcus pyogenes ATCC® 19615
Escherichia coli ATCC® 25922

Formula* per Liter:

Casein Digest Peptone	10.0g
Sodium Chloride.....	5.0g
Peptic Digest of Animal Tissue.....	10.0g
Sodium Bisulfite	0.1g
Yeast Extract.....	2.0g
Agar	15.0g
Dextrose	1.0g

Final pH: 7.0 ± 0.2 at 25°C

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

Result:

Growth
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 color.