

Azide Blood Agar Base Cat. No. A01-113

DESCRIPTION

Azide Blood Agar Base is a selective medium intended to detect and isolate *streptococci* and *staphylococci* from a variety of different samples including food and sewage.

Formula* per Liter:

Tryptose.....	10.0g
Meat Peptone.....	3.0g
Sodium Chloride.....	5.0g
Sodium Azide.....	0.2g
Agar.....	15.0g

Final pH: 7.2 ± 0.2 at 25°C

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

PREPARATION

Mix 33 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil to dissolve completely. Autoclave 121°C for 15 minutes. Prepare 5 to 10% blood agar by adding the appropriate volume of sterile defibrinated blood to melted sterile agar medium, cooled to 45-50°C.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and beige.
2. Visually the prepared medium is clear and beige without the addition of blood.
3. Expected cultural response after preparation with blood at 35°C after 24-72 hours.

Organism:

Escherichia coli ATCC® 25922
Streptococcus pyogenes ATCC® 19615
Enterococcus faecalis ATCC® 19433
Staphylococcus aureus ATCC® 25923
Staphylococcus aureus ATCC® 6538

Result:

Inhibition
Growth, Beta hemolysis
Growth, Gamma hemolysis
Growth, Beta hemolysis
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.