

ATCC Medium 1540: Brucella Albimi Broth/Agar (ATCC Medium 1115) with Formate and Fumarate (ATCC Medium 9733)

Broth

Brucella Broth..... 28.0 g
DI Water..... 1000.0 mL

Mix well until dissolved. Dispense as required and autoclave at 121°C.

Agar

Brucella Agar..... 43.0 g
DI Water..... 1000.0 mL

Heat and mix well until dissolved. Autoclave at 121°C. Cool and dispense as required.

To prepare from scratch:

Tryptone(Trypticase)..... 10.0 g
Peptamin*(Peptone)..... 10.0 g
Dextrose..... 1.0 g
Yeast Extract..... 2.0 g
NaCl..... 5.0 g
Na₂S₂O₅** 0.1 g
DI Water..... 1000.0 mL

pH 7.0 +/- 0.2

*Peptic Digest of Animal Tissue

**When solid, this product is Sodium metabisulfite. When in water, it yields Sodium bisulfite.

6% Formate and 6% Fumarate Solution (ATCC Medium 9733)

Sodium Formate..... 6.0 g
Fumaric Acid..... 6.0 g
DI Water..... 100.0 mL

Adjust pH to **7.0** and filter-sterilize.

Note: deliver ATCC Medium 9733 separately from ATCC Medium 1115.

Prior to inoculation, 0.25 ml is added to a tube containing approximately 5 ml of ATCC Medium 1115.