

ATCC Medium: 2 Marine Agar/Broth 2216

Broth Medium

Marine Broth 2216 (BD 279110).....37.4 g
DI Water.....1000 ml

Dispense as required (make sure medium is spinning continuously during dispensing). Autoclave at 121°C.

To make solid medium, substitute Marine Broth 2216 with 55.1 grams of Marine Agar 2216 (BD 212185).

To make medium from scratch, follow formulation below:

Difco Marine Agar 2216 Composition

Peptone.....5.0 g
Yeast Extract.....1.0 g
Ferric Citrate.....0.1 g
Sodium Chloride.....19.45 g
Magnesium Chloride.....8.8 g
Sodium Sulfate.....3.24 g
Calcium Chloride.....1.8 g
Potassium Chloride.....0.55 g
Sodium Bicarbonate.....0.16 g
Potassium Bromide.....0.08 g
Strontium Chloride.....0.034 g
Boric Acid.....0.022 g
Sodium Silicate.....0.004 g
Sodium Fluoride.....0.0024 g
Ammonium Nitrate.....0.0016 g
Disodium Phosphate.....0.008 g
Agar.....15 g
Distilled water.....1000 ml

*Omit agar for broth medium