

ATCC Medium: 2891 Marine Agar/Broth w/ 25ug/ml Kanamycin

Broth Medium

Marine Broth 2216 (BD 279110).....	37.4 g
DI Water.....	1000 ml
Kanamycin.....	25 mg

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).

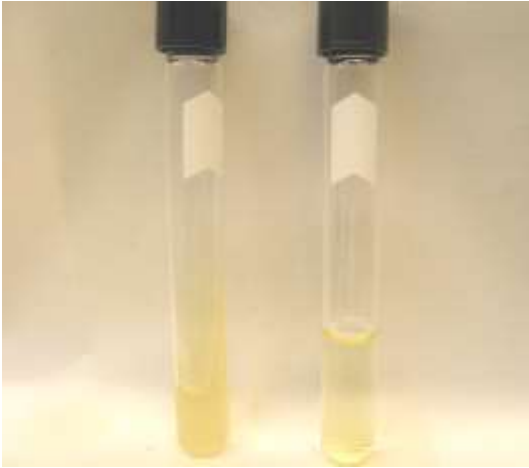
To make medium from scratch, follow formulation below:

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

Final Product Description



- Medium should be tan in color
- There may be a slight precipitate
- Recommended storage temperature:
2-8°C