ATCC Medium: 1651 MA Medium

Complete Medium

Proteose Peptone……..10.0 g
Trypticase Peptone……..10.0 g
Ribonucleic Acid yeast Solution (See Below)……...100.0 ml
Alpha-lecithin solution (See Below)……10.0 ml
Vitamin Solution, add after autoclaving (See Below)……2.0 ml
DI Water……..390.0 ml
Artificial Sea Water……500.0 ml

Combine all except vitamin solution and autoclave at 121ºC.
Once medium has cooled, aseptically add vitamin solution.
Aseptically pH complete medium to 7.2.

Ribonucleic Acid yeast Solution

Ribonucleic Acid (Sigma R6625)……...1.0 g
DI Water……100.0 ml

Bring solution to boil while mixing to dissolve ribonucleic acid. Add to medium above.

Alpha-lecithin Solution

Phosphatidylcholine (Sigma P-5394)……0.2 g
Ethanol……10.0 ml

Dissolve phosphatidylcholine in ethanol and **slowly** add to medium above.

*phosphatidylcholine will be completely clear in the ethanol but will become cloudy once added to the medium. This is normal; according to Sigma's product sheet for P-5394, phosphatidylcholine will be clear to hazy once dissolved.

Vitamin Solution

Biotin, 1 ug/ml ethanol……10.0 ml
Folic Acid……50.0 mg
Nicotinamide……..50.0 mg
Ca-Pantothenate……100.0 mg
Pyridoxal-HCl……50.0 mg
Riboflavin……...50.0 mg
Thiamine HCl……150.0 mg
Thioctic (Lipoic) Acid……...1.0 mg
DI Water……100 ml

Stir while adding components. For long term storage, aliquot and freeze.