

ATCC medium: 1732 PYGV marine medium

ATCC Medium 1521 (see below) prepared in seawater instead of distilled water.

ATCC Medium 1521:

Peptone, Bacto (BD 211677)0.25 g
Yeast Extract (BD 212750)0.25 g
Mineral Salt Solution (see below)20.0 ml
Agar, Bacto (BD 214050), if needed15.0 g
Distilled water965.0 ml

Autoclave medium at 121C for 15 minutes. Cool to 50C and aseptically add:

2.5% glucose (filter-sterilized)10.0 ml
Vitamin Solution (see below)5.0 ml

Adjust medium to final pH 7.5 with KOH.

Mineral Salt Solution:

Nitrilotriacetic acid10.0 g
MgSO₄ . 7H₂O29.7 g
CaCl₂ . 2H₂O3.34 g
Na₂MoO₄ . 2H₂O.....12.67 mg
FeSO₄ . 7H₂O99.0 mg
Metals "44" (see below)50.0 ml
Distilled water to1.0 L