

ATCC medium: 164 Cytophaga-Spirochete medium

Cytophaga:

NH ₄ Cl	1.0 g
KH ₂ PO ₄	1.0 g
MgSO ₄	0.5 g
CaCl ₂	0.04 g
NaCl	30.0 g
FeCl ₃ . 6H ₂ O	1.25 mg
NaHCO ₃	5.0 g
Na ₂ S . 9H ₂ O	0.1 g
Yeast extract	1.0 g
Glucose	1.0 g
Agar	15.0 g
Distilled water	1.0 L

Spirochete:

NH ₄ Cl	1.0 g
KH ₂ PO ₄	1.0 g
MgSO ₄	0.5 g
CaCl ₂	0.04 g
FeCl ₃ . 6H ₂ O	1.25 mg
NaHCO ₃	1.0 g
Na ₂ S . 9H ₂ O	0.5 g
Yeast extract	1.0 g
Glucose	1.0 g
Agar	15.0 g
Distilled water	1.0 L

Sterilize glucose separately as a 10% solution. Aseptically add the appropriate amount to obtain the final concentration indicated above. Sterilize Na₂S separately as a 10% solution. To 100 ml of Cytophaga medium add 0.1 ml of the sterile Na₂S solution, and to 100 ml of Spirochete medium, add 0.5 ml of the sterile Na₂S solution. Filter-sterilize NaHCO₃ separately as a 5% solution. Add 10 ml and 2 ml to 100 ml of the Cytophaga and Spirochete media, respectively. For broth, use 0.1% agar as a detoxifier.