

**600a. M13a (PIRELLULA) MEDIUM**

Peptone	0.25	g
Yeast extract	0.25	g
Glucose	0.25	g
Vitamin solution (see below)	10.0	ml
Hutner's basal salts (see medium 590)	20.0	ml
0.1 M Tris/HCl buffer pH 7.5	50.0	ml
Artificial sea water	500.0	ml
Distilled water	420.0	ml

*Vitamin solution:*

Vitamin B <sub>12</sub>	0.2	mg
Biotin	4.0	mg
Thiamine-HCl x 2 H <sub>2</sub> O	10.0	mg
Ca-pantothenate	10.0	mg
Folic acid	1.0	mg
Riboflavin	10.0	mg
Nicotinamide	10.0	mg
p-Aminobenzoic acid	10.0	mg
Pyridoxine hydrochloride	10.0	mg
Distilled water	1000.0	ml

Filter-sterilized.

*Artificial sea water:*

NaCl	23.47	g
Na <sub>2</sub> SO <sub>4</sub>	3.92	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	4.98	g
CaCl <sub>2</sub>	1.10	g
NaHCO <sub>3</sub>	192.0	mg
KCl	664.0	mg
KBr	96.0	mg
H <sub>3</sub> BO <sub>3</sub>	26.0	mg
SrCl <sub>2</sub>	24.0	mg
NaF	3.0	mg
Distilled water	1000.0	ml

For agar plates increase the pH of the Tris/HCl buffer to 8.5.