

**1442. PIRELLULA MEDIUM (M33a)**

Gelatine	2.00	g
Yeast extract	0.25	g
Glucose	0.25	g
Hutner's basal salts (see medium 590)	20.00	ml
Vitamin solution No.6 (see below) (see medium 621)	10.00	ml
0.1M Tris/HCl at pH 7.5	50.00	ml
(bei Agar pH 8,5)		
Artificial sea water	250.00	ml
Agar	18.00	g
Distilled water	670.00	ml

Adjust pH to 7.5, autoclave at 121°C for 20 min.

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

*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	4.0	mg
Riboflavin	10.0	mg
Nicotinamide	10.0	mg
p-Aminobenzoic acid	10.0	mg
Pyridoxine hydrochloride	20.0	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>	192.00	mg
KCl	664.00	mg
KBr	96.00	mg
H <sub>3</sub> BO <sub>3</sub>	26.00	mg
SrCl <sub>2</sub>	24.00	mg
NaF	3.00	mg
Distilled water	1000.00	ml