

**1437. ALKALIPHILES PIRELLULA MEDIUM (M1PY)****Solution 1:**

Peptone	0.25	g
Yeast extract	0.25	g
CaCO <sub>3</sub>	5.00	g
Na <sub>2</sub> HPO <sub>4</sub> x H <sub>2</sub> O	0.10	g
MgSO <sub>4</sub> x 7H <sub>2</sub> O	0.50	g
Hutner's basal salts (see medium 590)	20.00	ml
Gellan gum Gelrite	9.00	g
Distilled water	930.00	ml

Adjust pH to 9.0 with NaOH, autoclave at 121°C for 20 min.

**Solution 2:**

N-acetylglucosamine	2.0	g
Ampicillin sodium salt	0.2	g
Cycloheximid	0.2	g
Vitamin solution (see below) (see medium 621)	10	ml
Distilled water	40	ml

Adjust pH to 9.0 with NaOH, filter-sterilized

After autoclaving add solution 2 to solution 1.

*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.