

**1436. PIRELLULA MEDIUM (M31PY)****Solution 1:**

|                                       |        |    |
|---------------------------------------|--------|----|
| Peptone                               | 0.25   | g  |
| Yeast extract                         | 0.25   | g  |
| CaCl <sub>2</sub> x2 H <sub>2</sub> O | 0.10   | g  |
| MgCl x 6H <sub>2</sub> O              | 0.10   | g  |
| Hutner's basal salts (see medium 590) | 20.00  | ml |
| 0.1M Tris/HCl at pH 7.5               | 50.00  | ml |
| Agar                                  | 18     | g  |
| Distilled water                       | 880.00 | ml |

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

**Solution 2:**

|  |     |    |
|--|-----|----|
| N-acetylglucosamine                                  | 2.0 | g  |
| Na <sub>2</sub> HPO <sub>4</sub> x 2H <sub>2</sub> O | 0.1 | 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 7.5, filter-sterilize

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