

TAP and Tris-minimal\* medium

[Gorman, D.S., and R.P. Levine (1965) Proc. Natl. Acad. Sci. USA 54, 1665-1669]

**TAP medium for 1 L (adjust final pH to 7.0)**

|                            |         |
|----------------------------|---------|
| 1M Tris base (e.g. Trizma) | 20 ml   |
| Phosphate Buffer II        | 1.0 ml  |
| Solution A                 | 10.0 ml |
| Hutner's trace elements    | 1.0 ml  |
| Glacial acetic acid        | 1.0 ml  |

\*For Tris-minimal medium omit the acetic acid and titrate the final solution to pH 7.0 with HCl

**Phosphate Buffer II (for 100 ml)**

|            |        |
|------------|--------|
| $K_2HPO_4$ | 10.8 g |
| $KH_2PO_4$ | 5.6 g  |

**Solution A (for 500 ml)**

|                      |       |
|----------------------|-------|
| $NH_4Cl$             | 20 g  |
| $MgSO_4 \cdot 7H_2O$ | 5 g   |
| $CaCl_2 \cdot 2H_2O$ | 2.5 g |