

Mycophenolic acid selection

Materials and reagents:

- i) pSV2gpt is linearized by digestion with Pvu II.
- ii) Xantine solution (200x); dissolve 3 gm of xanthine in 100 ml 0.5 M NaOH, aliquot it in 15 ml tubes (10 ml per tube), and store at -20 C.
- iii) Mycophenolic acid (MPA); make a 10 mg/ml stock solution, aliquot it in small vials 0.2 ml per vial, and store at -20 C.
- iv) HT (hypoxanthine/thymidine) supplement; purchase it from Sigma (Cat.# H-0137).

add stock
to 0.1M for
dissolving

To prepare 1 liter MPA selection medium for B lymphoma cell lines, add 4 vials of HT supplement and 5 ml xantine (200x) to 1 liter RPMI 1640 medium which has been supplemented with serum and a proper antibiotics. Mix well and MPA is added just prior to use. We need 1 to 3 ug/ml MPA for selection with B lymphoma cells.

Calbiochem Hgg B 10g.
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