



MICOPHENOLIC ACID MEIDUM

- Hypoxanthine, 2.7 mg/ml: Weigh 270 mg hypoxanthine. Dissolve in 98 mls water plus 2 mls 5 M NaOH. Filter sterilize.
- Xanthine, 10.0 mg/ml: Weigh 1.0 gms xanthine. Dissolve in 98 mls water plus 2 mls 5 M NaOH. Note: this is twice the concentration of the original protocol. Filter sterilize.
- Mycophenolic acid, 1.0 mg/ml: Dissolve 100 mgs mycophenolic acid in 90 mls water plus 2.0 mls 5 M NaOH. Neutralize with HCl and make volume to 100 mls. Filter sterilize.
- HEPES, 1.0 M, pH 7.0 Sterile.

MPA Medium (using dFCS):

For 500 mls MPA medium (10 µg/ml MPA)
5.0 mls MPA
12.5 mls xanthine
2.5 mls hypoxanthine
5.0 mls HEPES

Add these to 500 mls DME/10% dFCS.
(For 20 µg/ml use 10 mls MPA).

MPA Medium (using normal FCS):

For 500 mls MPA medium (40 µg/ml MPA)
20 mls MPA
12.5 mls xanthine
2.5 mls hypoxanthine
5.0 mls HEPES

Add these to 500 mls DME/10% normal FCS.