

SUPPLEMENTED GROWTH MEDIUM for MYOBLASTS

To 425mL of **F-10 (HAM) medium** (4.5g/L glucose, with sodium pyruvate)

Add:

- 250mg **Bovine Serum Albumin** (Sigma A-4503)
final concentration - 0.5mg/mL

- 250mg **Fetuin** (Sigma F-2379)
final concentration - 0.5mg/mL

- 90mg **Insulin** (Sigma I-5500)
final concentration - 0.18mg/mL

- 5mL 0.039mg/mL stock **Dexamethasone** (Sigma D-1756)
final concentration - 0.39µg/mL

- 0.5mL 10µg/mL **Mouse Epidermal Growth Factor** (BD Collaborative 40001)
final concentration - 10ng/mL

- 5mL **Glutamax 1 Supplement** (Gibco 35050)

Optional:

- 25mg **Uridine** (Calbiochem 6680)
final concentration - 50µg/mL

Close and stir at 37°C for one hour. Filter through 0.2µM filter into a sterile bottle.

Add 75mL heat inactivated **Fetal Calf Serum** per 425mL medium to final concentration of 15%.

A commercially available preparation can be purchased from Clonetics. It is the SkGM BulletKit Catalogue No. CC-3160 www.clonetics.com Tel: 800-852-5663