

Preparing JM8/BL6 + LIF Media

1.0 Equipment

- 1.1. P10ml Gilson pipette

2.0 Supplies

- 2.1. KO DMEM
- 2.2. JM8/BL6 FC Serum
- 2.3. Penicillin-Streptomycin
- 2.4. Glutamax
- 2.5. Non-Essential Amino Acids Solution (NEAA)
- 2.6. Leukemia Inhibitory Factor (LIF)
- 2.7. beta-mercaptoethanol (BME)
- 2.8. 10ml Diamond Pipette tips

3.0 Procedure

- 3.1. Label a 500ml bottle of KO DMEM with 'JM8/BL6' and the date.
- 3.2. Add the reagents to the 500ml bottle of KO DMEM in this order:
 - 3.2.1. 90ml of JM8/BL6 FC serum (15%).
 - 3.2.2. 6ml of Penicillin-Streptomycin.
 - 3.2.3. 6ml of Glutamax.
 - 3.2.4. 6ml of NEAA.
 - 3.2.5. 6ml of LIF.
 - 3.2.6. 1.2ml of BME.