

### **Serum Inactivation**

Take out the frozen serum bottle from -80°C freezer, let it thaw overnight (4°C) or until it is thawed completely. Warm to room temperature for 15-30 mins, before starting the inactivation. Put the serum bottle in a water bath at 56°C for 30 mins, with intermittent shaking. Take the bottle out of the water bath, and let it cool down before putting it back in the refrigerator.

### **Growth Media Preparation:**

#### **RPMI media (7% Serum)**

1 liter media

5 ml of Penicillin/Streptomycin (Gibco)

10 ml of 100X Glutamine (Gibco)

70 ml of heat inactivated serum

#### **DMEM media (5% Serum)**

1 liter media

5 ml of Penicillin/Streptomycin (Gibco)

10 ml of 100X Glutamine (Gibco)

50 ml of heat inactivated serum

### **Freezing Media Preparation:**

Add to 100ml of RPMI without supplements.

12 g glucose

40 ml DMSO

Filter and store in a bottle covered with aluminum foil (light sensitive).