

### **Mouse ESC Medium (500mL)**

DMEM - 500 mL

Glutamine (200 mM stock) - 5 mL

PS (100X penicillin strep (penicillin 10,000 IU/ml streptomycin: 10,000 ug/ml) - 5 mL

MEM NEAA 100X (GIBCO #11140-050) - 5 mL

FBS - 50 mL

Mouse LIF - 500 **uL** (1000 units/mL)

β mercaptoethanol - 50 **uL** (10,000X stock)