**Embryonic Growth Medium**

(Revised by Ahna)

(From Chris Shelton, Univ of Oregon, Eugene)

8 ml Drosophila Schneider's Medium (Gibco 11720-018) 4 ºC

1 ml 5 mg/ml Inulin (Sigma I3754) Fresh

1 ml PVP (MW 40,000) 50 mg/ml (Sigma P0903) Fresh

100 ul BME Vitamins (Gibco 21048-019) -20 ºC

100 ul Penicillin-streptomycin (Gibco 15070-030) -20 ºC

100 ul Lipid Concentrate (Gibco 11905-015) 4 ºC

Filter sterilize

Store at 4 ºC in 650 ul aliquots

Good for one month

\*\*Keep all solutions in the dark\*\*

Before Use:

Add FBS-ES qualified (heat treated @ 56 ºC for 30 min) to 35% of volume FBS--(Gibco 16141-061)

Store in 350 ul @ 4 ºC

When ready to use add mix and FBS together (650 ul + 350 ul)

Inulin:

 5 mg/ml in tissue culture dH2O

 so---0.1 g/20 ml

 0.2 g/40 ml

Autoclave to get into solution, keeps for 1 month.

PVP:

 50 mg/ml

so—--1 g/20 ml of Schneider's medium

Can keep in 4 ºC for 1 month.