

HANDLING CELL CULTURES

T87 CELL CULTURE AND MAINTENANCE PROTOCOL

NT-1 Media (1L)

1. Add 800ml ddH₂O.
2. Add the following:
 - 4.3 g MS Salt
 - 30g Sucrose
 - 0.18 g KH₂PO₄
 - 100 µl of 10 mg/ml Thiamine stock
 - 220 µl of 2 mg/ml 2,4-D stock
 - 100 mg myo-Inositol
3. Adjust the pH to pH 5.8 with 5M NaOH.
4. Adjust the whole solution volume to 1L.
5. Distribute 75 ml media into 250 mL flasks. Cover the flasks.
6. Autoclave the media for 20 min.

Suspension Cell Culture

The suspension cell culture was maintained on a rotary shaker (120rpm) at 24°C under constant light.

Every 7 days, transfer cells into fresh NT-1 media (1:20 v/v) for subculture.