

Glioma Cell Culture

Materials

MHM

name	dose	ratio
10X Hormone Mix	50 mL	1:10
L-glu	5 mL	1:100
p/s	5 mL	1:100
10X DMEM	50 mL	1:10
30% glucose	10 mL	1:50
7.5% NaHCO ₃	7.5 mL	1:66.7
HEPES	2.5 mL	1:200
ddH ₂ O	375 mL	-

hg medium

name	dose	ratio
MHM with p/s	50 mL	-
B27	1000 uL	1:50
FGF	50 uL	1:1000
EGF	50 uL	1:1000

Methods

Culture (from stock)

- defrost GBM stock in 37°C water bath
- MHM wash x1
 - centrifuge: 1200 rpm x5min
 - aspiration
- resuspend with 10mL hg medium, apply all to Ultra-low attachment T25
- after confirmation with microscope, transfer to incubator
- culture for 5 days (approx.)