

AGM EC Media (Base Media)

Sterile filter, store at 4°C for up to one month

Reagent	Volume
IMDM	400 mL
FBS	100 mL
Pen/Strep (100X)	5 mL
Heparin	5mL (10mg/mL stock prepared fresh in IMDM)
L-glutamine (100X)	5mL
Endothelial mitogen (*no longer available)	50mg (dissolve in 10mL of above media mix)

*Endothelial mitogen no longer available. Substitute VEGF (10ng/mL), FGF (10ng/mL), IGF-1 (10ng/mL), and EGF (10ng/mL) in its place

AGM EC+ Media

Add fresh stocks, use within one week

Reagent	Volume
Base AGM EC Media	10 mL
rmVEGF (50ng/microliter stock)	10 microliters (50 ng/mL final)
Chiron (10mM in DMSO)	5 microliters (5 micromolar final)
SB431542 (10mM in DMSO)	10 microliters (10 micromolar final)