Media Recipes   A. Zovein 4-3-04

MAEC media for Fetal liver:
Per 50ml media add:
Endothelial Mitogen (5mg/ml in PBS): 1ml
Heparin (salt): 50ul (1ul/ml)
VEGF 165 (100ng/ml): 25ul (50ng/ml)

MAEC above to make 2xabx
0.5ml P/S
50ul gent

Pre-sort media: Post-sort media:
25ml MAEC   40ml MAEC
25ml DMEM   9ml FBS
0.75ml P/S   0.5ml P/S
0.25ml noness aa   60ul gent
0.25ml l-glut   1.25ml HEPES
75ul gent
1.25ml HEPES buffer

pre: 10%FBS, 2x abx, 10mmol HEPES
post: 40% FBS, 2x abx, 10mmol HEPES *
*10mmol HEPES: add 25ul per ml media

Differentiation media:
Per 50ml media add:
50ul cAMP(25mg/ml)
15ul Retinoic acid (1mg/ml)

cAMP (protocol 0.5mM):
25ug/ml final []; stock make up to 25mg/ml

Retinoic Acid (protocol 1uM)
Stock 1mg/ml in DMSO

293T media
90ml DMEM
10ml FBS
1ml P/S