

Per 1 L of medium

	Amounts	Brand	Catalog No.
Base			
Alpha MEM	500 ml	Hyclone	SH30265.01
DME/ F12	500 ml	Hyclone	SH30023.01
Supplements			
glucose	2 g	Sigma	G8270
Pluronic F-68	4 g	Sigma	P1300
NaHCO ₃	1.3 g	Sigma	S5761
Chelated Ferric Citrate	0.3 mM	Sigma	F2877
Ethanolamine	0.04 mM	Sigma	E0135
Bacto Tryptone	2.5 g	BD	211705
Glutamine	292 mg	CELL GRO	61-030 RM
Putrescine	0.1 mg	Sigma	P5780
MnSO ₄ .H ₂ O	0.2 ug	Sigma	M1144
Na ₂ SeO ₃	2 ug	Sigma	S5261-10G
(NH ₄) ₆ Mo ₇ O ₂₄ .4H ₂ O	0.01 mg	Sigma	M1019
Vitamin B6 (Pyridoxine hydrochloride)	0.1 mg	Sigma	P8666
NH ₄ VO ₃	1 ug	Sigma	573884
Insulin	5 mg	SAFC	91077C or LONG®R3IGF-I as described in text
Linoleic Acid	0.1 mg	Sigma	L1012
MTX	varies as per cell line	Sigma	M8407
Amino acids			
L-Proline	20uM	Sigma	P0380
L-Tyrosine	20uM	Sigma	T2269
L-Serine	20uM	Sigma	S4500
L-Histidine	20uM	Sigma	H8000