

Materials List for:

Growth and Differentiation of Adult Hippocampal Arctic Ground Squirrel Neural Stem Cells

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Materials

Name	Company	Catalog Number	Comments
agsNSC	Lifeline Cell Technology	FC-0004	
agsNSC Expansion kit	Lifeline Cell Technology	LL-0008	Alternative source for DMEM/F12, B27 and rhFGFb (www.invitrogen.com)
agsNSC differentiation kit	Lifeline Cell Technology	LL-0009	Alternative source for DMEM/F12 and ITS-x (www.invitrogen.com)
NeuraLife maintenance media kit	Lifeline Cell Technology	LL-0012	Alternative sources are NeuraBasal (LifeLine) or Neurobasal (in vitro), glutamine and B27 (www.invitrogen.com) Differentiated cells are maintained for up to 3 weeks in NeuroLife, but no more than 2 weeks in Neurobasal (www.invitrogen.com)
Micrometer (such as a Bright Line Counting Chamber)	Hausser Scientific	1490	http://www.hauserscientific.com/hausserbrightlinedirect.htm
Biocoat Poly-L-Lysine coated 96 well plates	BD Biosciences	356516	www.bdbiosciences.com
Large orifice pipette tips	Fisher Scientific	02-707-141	Avoids neuronal cell damage when pipetting. http://www.fishersci.com