

Materials List for:

The Neuroblast Assay: An Assay for the Generation and Enrichment of Neuronal Progenitor Cells from Differentiating Neural Stem Cell Progeny Using Flow Cytometry

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Materials

Name	Type	Company	Catalog Number	Comments
NeuroCult NSC Basal Medium	Medium	Stem Cell Technologies	05700	
NeuroCult NSC Proliferation Supplements	Medium supplement	Stem Cell Technologies	05701	
%0.05 trypsin-EDTA	Reagent	GIBCO, by Life Technologies	25300-062	
Soybean trypsin inhibitor	Reagent	Sigma-Aldrich	T6522	
Pen/Strep	Reagent	GIBCO, by Life Technologies	15140-122	
*MEM	Reagent	GIBCO, by Life Technologies	41500-018	HEM component
*HEPES	Reagent	Sigma-Aldrich	H4034	HEM component
*Distilled water	Reagent	GIBCO, by Life Technologies	15230-147	
Cell strainer	Sieve	BD Biosciences	352340	
T25 flask	Culture ware	Nalge Nunc international	136196	
T80 flask	Culture ware	Nalge Nunc international	178905	
15 ml tubes	Culture ware	BD Biosciences	352096	
50 ml tubes	Culture ware	BD Biosciences	352070	
EGF	Growth factor	R&D Systems	2028-EG	
b-FGF	Growth factor	R&D Systems	3139-FB	
Heparin	Growth factor	Sigma-Aldrich	H4784	Reconstituted in PBS
Anti-PSA-NCAM-PE	Antibody	Miltenyi Biotec	130-093-274	
PE- Conjugated mouse IgG1	Isotype control antibody	BD Biosciences	556029	
Heparin	Growth factor	Sigma-Aldrich	H4784	Reconstituted in PBS
HrBMP-4	Growth factor	R&D Systems	314-BP-010	
Poly-L-Ornithine	Reagent	Sigma-Aldrich	P4957	
Fetal Calf Serum	Medium Supplement	GIBCO, by Life Technologies	10099-141	
GFAP	Antibody	Dako	Z0334	
B-III tubulin	Antibody	Promega Corp.	G7121	
*To make HEM, mix 1 x 10L packet of MEM and 160ml of 1M HEPES and bring the volume to 8.75 L using distilled water. Set the final PH to 7.4 and store it at 4°C.				