Materials List for:

Isolation and Expansion of the Adult Mouse Neural Stem Cells Using the Neurosphere Assay

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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	
Cell strainer	Sieve	BD Biosciences	352340	
T25 flask	Culture ware	Nalge Nunc international	136196	
T80 flask	Culture ware	Nalge Nunc international	178905	
EGF	Growth factor	R&D Systems	2028-EG	
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	
15 ml tubes	Culture ware	BD Biosciences	352096	
50 ml tubes	Culture ware	BD Biosciences	352070	
Fine curved forceps	Surgical tools	Fine Science Tools	11251#35	
Small fine forceps	Surgical tools	Fine Science Tools	11272#30	
Small forceps	Surgical tools	Fine Science Tools	11050#10	
b-FGF	Growth factor	R&D Systems	3139-FB	
Heparin	Growth factor	Sigma-Aldrich	H4784	Reconstituted in PBS

*To make HEM, mix 1×10L packet of MEM and160ml 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.