

Materials List for:

Establishing Embryonic Mouse Neural Stem Cell Culture 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	
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	
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	
Fine scissors	Surgical tools	World Precision Instruments, Inc.	500216	
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

*To make HEM, mix 1×10L 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.