

Materials List for:

# Generation of Neural Stem Cells from Discarded Human Fetal Cortical Tissue

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## Materials

Name	Company	Catalog Number	Comments
KNOCKOUT DMEM/F12	Invitrogen	12660-012	Dissociation medium
Stem Pro NSC SFM	Invitrogen	A10509-01	Culture medium
Fetal Bovine Serum	Invitrogen	10091-148	Frozen medium
Hanks solution (-Ca <sup>2+</sup> , -Mg <sup>2+</sup> )	Invitrogen	14175-095	Dissociation medium
DMSO	Sigma-Aldrich	D2650	Frozen medium
EDTA	Sigma-Aldrich	431788	Dissociation medium
Paraformaldehyde	Sigma-Aldrich	158127	Fixation solution
bFGF	R&D Systems	234-FSE	Differentiation medium
SHH	R&D Systems	1845-SH	Differentiation medium
PDGF-AA	R&D Systems	221-AA	Differentiation medium
B27	Invitrogen	17504-044	Differentiation medium
Mouse Anti-MAP2	Sigma-Aldrich	M2320	1:200
Rabbit Anti-DCX	Cell Signaling Technology	4604s	1:200
Rabbit Anti-GFAP	Dako	Z0334	1:200
Rabbit Anti-S100B	Dako	Z0311	1:200
Rabbit Anti-O1	gifts of Professor Timothy Vartanian*		1:50
Rabbit Anti-O4	Gifts of Professor Timothy Vartanian*		1:50
40µm cell strainer	BD Biosciences	352340	

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