

Materials List for:

Isolation of Primary Murine Brain Microvascular Endothelial Cells

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Materials

Name	Company	Catalog Number	Comments
bFGF	Peprtech	100-18B	Basic fibroblast growth factor
BSA	Sigma Aldrich	A9418	Bovine serum albumin
Collagenase CLS2	Worthington	LS004176	High relative level of protease activity
Collagenase-dispase	Roche	10269638001	Collagenase from <i>V. alginolyticus</i> , Dispase from <i>B. polymyxa</i>
Collagen IV	Sigma Aldrich	C0543	From Engelbreth-Holm-Swarm murine sarcoma basement membrane
DMEM	Sigma Aldrich	D5030	Warm in 37 °C water bath before use
DNase	Sigma Aldrich	D4513	Deoxyribonuclease I from bovine pancreas
FCS	Sigma Aldrich	F6178	Fetal calf serum (also named fetal bovine serum)
Heparin	Sigma Aldrich	H3393	Anticoagulant
PDS	First Link UK Ltd.	60-00-850	Plasma-derived serum
Percoll	Sigma Aldrich	P1644	Warm to room temperature before use
Pyrimycin	Sigma Aldrich	P8833	Should only be used in first 2 days of culture