

Materials List for:

Isolation and Enrichment of Rat Mesenchymal Stem Cells (MSCs) and Separation of Single-colony Derived MSCs

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Materials

Name	Company	Catalog Number	Comments
1X D-PBS	Invitrogen	14040-133	
DMEM	Invitrogen	11885-084	
Cell strainer	BD Biosciences	352350	
FBS	Invitrogen	26140-079	
Pen-Strep	Invitrogen	15140	
Trypsin-EDTA	Invitrogen	25200-056	
BD Imagnet	BD Biosciences	552311	
Biotin mouse IgG2a	BD Biosciences	555572	
Biotin mouse IgG1	BD Biosciences	555747	
Biotin anti-rat CD54	Cedarlane Labs	CL054B	
Biotin anti-rat CD90	Cedarlane Labs	CL005B	
Biotin anti-rat CD45	Cedarlane Labs	CL001B	
BD Imag buffer	BD Biosciences	552362	
Round-bottom tube	BD Biosciences	352063	
Streptavidin particles	BD Biosciences	557812	
SA-PE	R&D Systems	F0040	
Cloning cylinder	Sigma-Aldrich	C2059	