

Materials List for:

In vitro and in vivo Bioluminescence Reporter Gene Imaging of Human Embryonic Stem Cells

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Materials

Name	Type	Company	Catalog Number	Comments
Dulbecco's Modified Eagle's Medium (DMEM)		Hyclone		
BD Matrigel™ Basement Membrane Matrix	Growth factor reduced (optional: phenol-red free)	BD Biosciences		
mTeSR1 Maintenance Medium for Human Embryonic Stem Cells		Stem Cell Technologies		
Phosphate Buffered Saline (PBS)				
D-Luciferin Firefly, potassium salt		Biosynth International, Inc		
Collagenase IV solution				Dissolve 30 mg Collagenase Type IV in 30 mL DMEM-F12 media. Sterile filter and store at 4 degrees (Celsius).
Baked Pasteur pipets				
6-well tissue culture-treated plates		Techno Plastic Products	92006	