

Materials List for:

Implantation of Ferumoxides Labeled Human Mesenchymal Stem Cells in Cartilage Defects

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URL: <https://www.jove.com/video/1793>

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Materials

Name	Type	Company	Catalog Number	Comments
D-MEM High Glucose	Reagent	Sigma-Aldrich	D5648	
PBS (Ca ⁺⁺ , Mg ⁺⁺ free)		GIBCO, by Life Technologies	14190-144	
Trypsin-EDTA 0.05%		Invitrogen	25399-120	
FBS		Hyclone	SH30071.03	
Penicillin/Streptomycin		GIBCO, by Life Technologies	15140-122	
Ferumoxides (Endorem)		Guerbet		
Agarose Typ VII		Sigma-Aldrich	A9045	Dilute Agarose in PBS to final concentration of 4%