

Materials List for:

Exploring the Potential of Mesenchymal Stem Cell Sheet on The Development of Hepatocellular Carcinoma *In Vivo*

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Materials

Name	Company	Catalog Number	Comments
Reagents			
FBS	Gibco/Invitrogen	10270106	
DMEM high glucose	Sigma	D5671-500ML	
Penicillin/streptomycin	Life Technology	15070063	
Sterile physiologic saline	Sigma	S0817-1GA	
Human HepG2 cell line	ATCC, USA	HB-8065	
Human bone marrow MSCs cell line	PromoCell, USA	C-12974	
human umbilical cord tissue MSCs	PromoCell, USA	C-12971	
Ketamine 50%	Rompun, Bayer		
Xylazine 2%	Rompun	23076-35-9	
Alphadine® solution.	Riyadh Pharma	LBL0816	
Disposables:			
15mL Polypropylene High Clarity PP Centrifuge Tube	Falcon	352097	
3.5 cm sterile UpCell culture dishes with the filter paper (membrane)	Sigma	174904-1CS	
100-1000 µl Pipette Tips	Sigma	CLS4868-1000EA	
Basic Procedure Drape	ThermoFisher	PMD5293.0	
Equipment			
Plus pipette, variable volume	Eppendorf® Research®	Z683779-1EA	
Tissue culture incubator 37 °C, 5% CO ₂	Any brand		
Biological safety cabinet	Any brand		
Tissue culture incubator 20 °C, 5% CO ₂	Any brand		
Sterile surgical tools and nude rats:			
Forceps			
Scissors			
scalpel			
Nylon Suture 5-0	Accutome	AB-3854S	Monofilament, Lancet
1 ml Tuberculin Syringes	Fisher Scientific	14-826-88	
Nude rats	Charles river		