

Materials List for:

# Isolation of Cancer Stem Cells From Human Prostate Cancer Samples

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URL: <https://www.jove.com/video/51332>

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## Materials

Name	Company	Catalog Number	Comments
RPMI	Gibco Life Technologies	11875-093	
Fetal bovine serum	Gibco Life Technologies	10437-028	
Penicillin Streptomycin	Gibco Life Technologies	15140-122	
PBS	Corning Cell Gro	21-031-CM	
60 mm, 15 mm Cell culture dish	Corning	3295	
35 µm Cell Strainer	BD Falcon	352340	
50 ml conical tube	Crystalgen	23-2263	
15 ml conical tube	Crystalgen	23-2265	
Red blood cell lysing buffer	Sigma	R7757	
HLA class I (W6/32) PE antibody	Abcam	ab43545	
CD31 FITC antibody	eBioscience	11-0319-42	
CD45 FITC antibody	Abcam	ab27287	
IgG <sub>2a</sub> κ PE antibody	BD Pharminogen	555574	
IgG <sub>1</sub> κ FITC antibody	BD Pharminogen	551954	
DAPI	Invitrogen	d3571	
12 mm x 75 mm Polystyrene tubes with cell strainer cap	BD Falcon	352235	
Vortex Mixer	Crystalgen	CG-BV1000	
10% Neutral Buffer Formalin	Fisher	RBBP-0480	