

Materials List for:

# Isolation and Enrichment of Human Adipose-derived Stromal Cells for Enhanced Osteogenesis

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## Materials

Name	Company	Catalog Number	Comments
Disposable 250 ml Conical Tubes	Corning (Thomas Scientific)	2602A43	
Penicillin-Streptomycin (10,000 U/ml)	Gibco	15140-122	
DMEM, high glucose, GlutaMAX Supplement	Gibco	10566-016	
PBS, pH 7.4	Gibco	10010-023	
Betadine - Antiseptic Povidone/Iodine Solution	Purdue	PFC-67618015017	
Hank's Balanced Salt Solution, 1X	Cellgro	21-023-CV	
Fetal Bovine Serum, Certified, US Origin	Gibco	16000-044	
Collagenase from Clostridium histolyticum	Sigma-Aldrich	C0130-5G	
ACCUTASE Cell Detachment Solution	Stem Cell Technologies	7920	
APC Mouse Anti-Human CD90	BD Pharmingen	559869	
FITC Mouse anti-Human CD105 (Endoglin)	BD Pharmingen	561443	
Anti-Human CD45 eFluor 450 (Pacific Blue replacement)	eBioscience	48-9459-41	
Anti-Human CD34 APC	eBioscience	17-0349-41	
Anti-Human CD31 (PECAM-1) PE	eBioscience	12-0319-41	
Streptavidin PE-Cy7	eBioscience	25-4317-82	
BD FACS Aria II instrument	BD Biosciences		
BD FACSDiva Software	BD Biosciences		