

Materials List for:

# Isolation of CD 90+ Fibroblast/Myofibroblasts from Human Frozen Gastrointestinal Specimens

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## Materials

Name	Company	Catalog Number	Comments
MEM, 1x	Corning	MT-10-010-CV	
Hanks' Balanced Salt Solution	Sigma-Aldrich	H6648	
Sodium pyruvate	Sigma-Aldrich	S8636	
Antibiotic-Antimycotic, 100x	Gibco	15240-062	
Ciprofloxacin HCl	Corning	61-277-RF	
L-Glutamine, 100x	Corning	25-005-CI	
MEM Nonessential Amino Acids	Corning	25-025-CI	
Dimethyl Sulfoxide (DMSO) Hybri-Max	Sigma-Aldrich	D2650	
DL-Dithiothreitol solution (DTT)	Sigma-Aldrich	646563	
0.5 M EDTA, pH 8.0	Cellgro	46-034-CI	
DNase	Worthington	LS002139	
Collagenase from Clostridium histolyticum, Type I	Sigma-Aldrich	C1639	
Collagenase from Clostridium histolyticum, Type II	Sigma-Aldrich	C1764	
Collagenase from Clostridium histolyticum, Type IV	Sigma-Aldrich	C5138	
Accumax cell dissociation solution	Sigma-Aldrich	A7089	
gentleMACS C Tubes	Miltenyi Biotec	130-093-237	
gentleMACS Dissociator	Miltenyi Biotec	130-093-235	
Countess Automated Cell Counter	Invitrogen	C10227	
Cell Strainer (70 µm)	Corning	352350	
PE Mouse Anti-Human Vimentin	BD Biosciences	562337	Clone RV202
FITC Monoclonal Anti-Actin, α-Smooth Muscle	Sigma-Aldrich	F3777	Clone 1A4
APC Mouse Anti-Human CD90	BD Biosciences	559869	Clone 5E10