

Materials List for:

Human Dupuytren's *Ex Vivo* Culture for the Study of Myofibroblasts and Extracellular Matrix Interactions

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Materials

Name	Company	Catalog Number	Comments
Dulbecco's Modified Eagle's Medium	Invitrogen	11965-084	
fetal calf serum (FCS)	Gibco		high glucose, heat inactivated
penicillin-streptomycin	Invitrogen	15070-063	
Cell culture inserts	Millicell	PIHA01250	0.45 µm pore size, 12 mm diameter
anti-collagen type I	Southern Biotech	1310-08	
anti-α smooth muscle actin	Sigma	A2547	
anti-collagen type III	Southern Biotech	1330-01	
Alexa Fluor555 Donkey Anti-Mouse IgG (H+L)	Invitrogen	A-31570	
Alexa Fluor 488 Donkey Anti-Goat IgG (H+L) Antibody	Invitrogen	A-11055	
TOPRO-3	Invitrogen	T3605	
methylsalicylate	Sigma	M6752	
paraformaldehyde	Sigma	P6148	
Tissue Tek OCT	Sakura	25608-930	
Microscope glass coverslips	Menzel-Glaser	BB024060A1	24 x 60 mm
Microscope SuperFrost slides	Menzel-Glaser	AA00000102E	76 x 26 mm
VECTASHIELD HardSet Mounting Medium	Vector laboratories	H-1400	
Leica TCS SP5 II confocal microscope	Leica Microsystems		Argon-488, 514 nm and HeNe-633 nm laser lines
Zeiss 710 NLO upright confocal microscope	Jena, Germany		Equipped with femtosecond Spectra - Physics Deep See MP laser (Santa Clara, United States) using a Plan-Apochromat 20X/1.0 NA water-immersion objective.