

Materials List for:

# Isolation of Primary Human Colon Tumor Cells from Surgical Tissues and Culturing Them Directly on Soft Elastic Substrates for Traction Cytometry

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## Materials

Name	Company	Catalog Number	Comments
<b>Reagents</b>			
HBSS	Life technologies	14175-095	
PBS	Lonza	17-516F	
Trypsin	Worthington	LS003736	
Collagenase	Worthington	LS004176	
3- Aminopropyltrimethoxysilane (ATS)	Sigma-Aldrich	281778	
Glutaraldehyde	Polysciences, Inc.	01201-5	
Acrylamide	Sigma-Aldrich	A4058	
N-methylenebisacrylamide (bis)	Sigma-Aldrich	M1533	
HEPES buffer solution	Sigma-Aldrich	83264	
Ammonium persulfate	Bio-Rad	161-0700	
Human fibronectin	BD biosciences	354008	
Hydrazine hydrate	Sigma-Aldrich	18412	Hazardous
Acetic acid	Sigma-Aldrich	A6283	
Paraformaldehyde	Electron Microscopy Sciences	RT15710	
Signal enhancer	Life technologies	I36933	
Monoclonal anti vinculin antibody	Sigma-Aldrich	V9131	
Alexa Fluor 488 goat anti-mouse IgG	Life technologies	A11001	
TRITC phalloidin conjugates	Sigma-Aldrich	P1951	
0.1 µm fluorescent beads	Life technologies	F8801	
0.25% Trypsin-EDTA	Life technologies	25200-056	
<b>Materials</b>			
12 mm <sup>2</sup> glass cover slips	Corning	2865-12	