

Materials List for:

# Analysis of Cell Migration within a Three-dimensional Collagen Matrix

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URL: <https://www.jove.com/video/51963>

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## Materials

Name	Company	Catalog Number	Comments
Leica DM IL inverted microscope	Leica, Wetzlar, Germany		
Microscope stage heater	Distelkamp Electronic, Kaiserslautern, Germany		
JVC C1431 video camera	JVC, Bad Vilbel, Germany		
Axis 241Q video server	Axis communication GmbH, Ismaning, Germany		
Mac G5 Computer	Apple Macintosh		
iMac	Apple Macintosh		
FileMaker Pro	FileMaker GmbH, Unterschleißheim, Germany		
Multi-camera video surveillance software(Security Spy)	Bensoftware, London, UK		
Runtime Revolution Media 2.9.0	RunRev Ltd., Edinburgh, UK		
Paraffin	Applichem GmbH, Darmstadt, Germany	A4264	
Petroleum jelly	local drug store		
Purecol (liquid collagen)	Nutacon BV, Leimuiden, The Netherlands		contains 2.9 - 3.3 mg/ml bovine collagen (95% collagen type I, 5% collagen type IV)
10x MEM	Sigma Aldrich, Taufkirchen, Germany	M0275	
7.5% sodium bicarbonate solution	Sigma Aldrich, Taufkirchen, Germany	S8761	
EGF	Sigma Aldrich, Taufkirchen, Germany	E9644	
U73122	Merck Millipore, Darmstadt, Germany	662035	dissolve first in CHCl <sub>3</sub> ; reconstitute in DMSO just prior to use