

Materials List for

Measurement of Liver Stiffness Using Atomic Force Microscopy Coupled with Polarization Microscopy

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jove.com/video/63974

Materials

Name	Company	Catalog Number	Comments
AFM head	Bruker	JPK nanowizard 3	
Cameras	Andor	Zyla 5.5 USB (sCMOS, water cooled)	
	The ImagingSource	S/N:12310015	
Cantilever	SD-qp-BioT-TL-10, Nanosensors	S/N:73750F05	
Cryotome	Leica	CM1950	
Epoxy resin glue (Long working time)	Bison epoxy universal		
Melamine beads; diameter, 5.7 um	Microparticles, GmbH	MF-R-5.7	
Microscope	Olympus	IX81	
Hydrophobic slide marker	SuperHT	PAP PEN	
Software	JPK nanowizard v6.1.151		
	AtomicJ v2.3.1		
Superfrost slides	Thermoscientific	ref no. J1800AMNZ	
System	Ubuntu 14.04.5 LTS		
Vibration isolation control unit	Tablestable	AVI-200-S	