

Materials List for:

High-frequency Ultrasound Imaging of Mouse Cervical Lymph Nodes

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URL: <https://www.jove.com/video/52718>

DOI: [doi:10.3791/52718](https://doi.org/10.3791/52718)

Materials

Name	Company	Catalog Number	Comments
Vevo2100 High Resolution Micro-ultrasound Imaging System, with integrated software Version 1.6.0	VisualSonics, Toronto, Ontario, Canada	VS-11945	
Power Doppler Mode and 3D Mode	VisualSonics, Toronto, Ontario, Canada	VS-11952; VS-11484	
Vevo compact anesthesia system	VisualSonics, Toronto, Ontario, Canada		
Vevo integrated rail system including 3D motor and micromanipulator for injections	VisualSonics, Toronto, Ontario, Canada	SA-11983	
Thermasonic Gel Warmer	VisualSonics, Toronto, Ontario, Canada		Optional
Transducers – MS-550D (Broadband frequency: 22 MHz - 55 MHz)	VisualSonics, Toronto, Ontario, Canada	VS-11960	Referred to as 40 MHz Transducer
Transducers – MS-700 (Broadband frequency: 30 MHz - 70 MHz)	VisualSonics, Toronto, Ontario, Canada	VS-12026	Referred to as 50 MHz Transducer
Ophthalmic Ointment	Patterson Veterinary	07-888-1663	
Electrode gel	Parker Laboratories	174-1525	
Tape	Medical Arts Press	174-153000	
Depilatory Cream	Carter Products		
Cotton swabs	General Supply		
Gauze	Fisher Scientific	22-037-907	
Water	General Supply		
Lubricating gel	Parker Laboratories	57-05	
Ultrasound gel	Parker Laboratories	01-50	
Microcentrifuge tube rack	General Supply		Used to raise mouse platform for optimal biopsy position
27 G ½ inch needle with 1 ml syringe	Fisher Scientific	14-826-87	
ThinPrep PreservCyt Solution	Hologic	70097-002	Referred to as biopsy media
Microcentrifuge tubes	General Supply		
Thinprep 2000 processor	Cytec, Marlborough, MA		Blue Filter
Olympus AX70 Provis Microscope	Olympus, Center Valley, PA		