

Materials List for:

Monitoring Functionality and Morphology of Vasculature Recruited by Factors Secreted by Fast-growing Tumor-generating Cells

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URL: <https://www.jove.com/video/51525>

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Materials

Name	Company	Catalog Number	Comments
Rotary Vacuum Evaporator	-	-	-
Growth-factors reduced phenol-free Matrigel	BD Bioscience	FAL356231	Thaw overnight, at 4 °C on ice
Depilatory cream	-	-	-
Vevo2100 US imaging system	VisualSonics Inc.	-	Requires previous knowledge in operating or the assistance of an authorized technician
55 MHz 708 probe	VisualSonics Inc.	-	-
Vevo2100 imaging software	VisualSonics Inc.	-	-
VialMix	DEFINITY Imaging	VMIX	-
DEFINITY microbubbles	DEFINITY Imaging	DE4	Activate for 45 sec using VialMix before use
CellVizio (Fibered confocal endomicroscope)	Mauna Kea Technologies	-	Requires previous knowledge in operating or the assistance of an authorized technician
ProFlex MiniO/30 probe	Mauna Kea Technologies	-	-
70 kD FITC-labeled dextran	Sigma-Aldrich	46945	-
ImageCell software	Mauna Kea Technologies	-	-
Calibration Kit	Mauna Kea Technologies	-	-
Dulbecco's modified Eagle's medium (DMEM)	Gibco Life Technologies	41965-039	
Fetal bovine serum (FBS)	Biological Industries	04-007-1A	
Penicillin/streptomycin/nystatin solution	Biological Industries	03-032-1B	