

Materials List for:

Assessing Therapeutic Angiogenesis in a Murine Model of Hindlimb Ischemia

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URL: <https://www.jove.com/video/59582>

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Materials

Name	Company	Catalog Number	Comments
7500 Fast Real-Time PCR	Applied Biosystems		Instrument
Acetone	Merk	1000141000	Reagent; Caution - highly flammable
Adenosine	Valdepharm		Reagent
Atipamezole	OrionPharma		Reagent
Barium sulphate (Micropaque)	Guebert	8671404 (ref. Infarmed)	Reagent
Buprenorphine	RichterPharma		Reagent
Carl Zeiss Opmi-1 FC Surgical Microscope	Carl Zeiss Microscopy, Germany		Instrument
cDNA RT2 PreAMP cDNA Synthesis kit	Qiagen	7335730	Reagent
Cryostat Leica CM	Leica Microsystems	3050S	Instrument
DAB peroxidase substrate kit	DAKO;Vector Laboratories	K3468	Reagent
hydrogen peroxidase	Merk	1072090250	Reagent; Caution - nocif
hydrophobic pen	Dako	411121	Reagent; Caution - toxic
Ketamidol	Richterpharma	CN:580393,7 630/01/12 Dfvf	Reagent
Laser Doppler perfusion imager moorLDI2-HIR	moorLDI-V6.0, Moor Instruments Ltd, Axminster, UK	5710	Instrument
Leica DM2500 upright brightfield microscope	Leica Microsystems		Instrument
Medetor	Virbac	037/01/07RFVPT	Reagent
methanol	VWR	UN1230	Reagent; Caution - toxic and highly flammable
Papaverine	Labesfal		Reagent
Pentano Isso	Merk	1060561000	Reagent; Caution - highly flammable
Power SYBR® Green	Applied Biosystems	4309155	Reagent
Purified rat anti-mouse CD31	Pharmingen	550274	Reagent
RNeasy Micro kit	Qiagen	74004	Reagent
Surgic-Pro 6.0	Medtronic (Covidien)	VP733X	Suture
VECTASTAIN ABC HRP Kit (Peroxidase, Rat IgG)	Vectastain ABC kit; Vector Laboratories	PK-4004	Reagent
Vicryl5.0/ Vicryl 6.0	Medtronic (Covidien)	UL202/ UL101	Suture
Zeiss PALM MicroBeam Laser Microdissection System	Carl Zeiss Microscopy, Germany	1023290916	Instrument
Stereotaxic microscope	Carl Zeiss Microscopy, Germany		Instrument

Digital camera	Linux		Instrument
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