

Materials List for:

A Mouse Model for Laser-induced Choroidal Neovascularization

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URL: <https://www.jove.com/video/53502>

DOI: [doi:10.3791/53502](https://doi.org/10.3791/53502)

Materials

Name	Company	Catalog Number	Comments
532 nm (green) argon ophthalmic laser	IRIDEX	GLx	any ophthalmic 532 nm (green) argon laser can be used
slit lamp	Carl Zeiss	30SL-M	any slit lamp can be used as long as it is compatible with the laser
tribromoethanol	Sigma	T48402-25G	used to make anesthetic
tert-amyl alcohol	Sigma	152463-1L	used to make anesthetic
amber glass vials + septa	Wheaton	WH-223696	tribromoethanol storage
tissue wipes	VWR	82003-820	miscellaneous
1% Tropicamide	Falcon Pharmaceuticals	RXD2974251	pupillary dilation
0.5% Tetracaine hydrochloride	Alcon	0065-0741-12	topical anesthesia
artificial tears	Alcon	58768-788-25	hydration
heat therapy pump (for animal warming)	Kent Scientific	HTP-1500	used to maintain animal body temp
warming pad	Kent Scientific	TPZ-0510EA	maintains animal body temperature
30 G insulin needles	BD	328418	IP anesthesia injection
scale	American Weigh Scale	AWS-1KG-BLK	mouse weighing
cover slip (25 mm x 25 mm)	VWR	48366089	flatten cornea to visualize mouse retina
xylazine	obtained from institution	obtained from institution	anesthesia
ketamine	obtained from institution	obtained from institution	anesthesia
Volocity	PerkinElmer		used for volumetric re-construction
ImageJ	National Institutes of Health		used for image analysis