Materials List for:

A New Best Practice for Validating Tail Vein Injections in Rat with Near-infrared-Labeled Agents

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URL: https://www.jove.com/video/59295

DOI: doi:10.3791/59295

Materials

Name	Company	Catalog Number	Comments
100% Oxygen air tank	AirGas Heathcare	n/a	For ventilation of animal.
70% Ethanol	Multiple sources	n/a	
Alcohol Pads	Henry Schein	112-6131	
Artificial Tears	Henry Schein	100-2634	This protects the rats eyes while it is anesthetized.
Beaker	Multiple sources	n/a	This holds warm water to dilate the tail veins.
Distilled water	Multiple sources	n/a	
Exhaust Fans	Hazard Technologies	n/a	For ventilation of lab, if it is not built in.
Face Mask	Multiple sources	n/a	
Gas Chamber with tubing and face mask	Multiple sources	n/a	
Gauze Pads	Henry Schein	100-2634	
Hair Bonnet	Multiple sources	n/a	
Heating Lamp	Multiple sources	n/a	
Heating Pad	Multiple sources	n/a	
Isoflurane	Southmedic Inc.	ND66794-013-25	
Padded Bench Cloth	Box Board Products Inc.	0267551001	
Pearl Small Animal Imager	Li-COR Biosciences		
Pearl Trilogy Small Animal Imaging System	LI-COR Biosciences	n/a	Quote available via manufacturers web site. Other manufacturers such as Perkin Elmer (VisEn Medical FMT) offer preclinical NIR fluoresence imagers.
Scrubs, lab coat, shoe covers	Multiple sources	n/a	
Sharps container	Multiple sources	n/a	
special diet	Research Diets, Inc, New Brunswick, NJ		
Sprague-Dawley rats	Hilltop Animals, Springdale, PA		
Sterile injection cap	Multiple sources	n/a	
Sterile needle, 27 G	Multiple sources	n/a	
SURFLO IV Catheter, 24 G, yellow	TERUMO	SR+0X2419C1	This is an alternative to using a sterile needle. It provides additional

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			indication of correct venous insertion.
Surgical gloves	Multiple sources	n/a	
Surgical Tape	Multiple sources	n/a	