

Materials List for:

# Trypsin Digest Protocol to Analyze the Retinal Vasculature of a Mouse Model

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## Materials

Name	Company	Catalog Number	Comments
<b>REAGENTS</b>			
10% neutral buffered formalin	Fischer Scientific	SF100-4	
Trypsin (1:250)	Amresco	0458-50G	Make 3% trypsin in 0.1 M Tris
TRIZMA base	Sigma	T1503-1KG	Create 0.1 M Tris Buffer (pH 7.8 @ 37 °C)
TRIZMA	Sigma	T3253-500G	
Steritop sterile vacuum bottle	Millipore	SCGPS05RE	Create filtered water
<b>EQUIPMENT</b>			
Dissecting microscope			Any microscope that allows good visualization of the retina is adequate. (10x is sufficient with working distance of 24 mm)
Straight scissors	Fine Science Tools	15024-10	Cutting edge: 8 mm; Tip diameter: 0.2 mm; 10 cm
Straight Forceps (Inox)	Dumont #5	11252-20	Biologie tip; 0.05 x 0.02 mm; 11 cm
Curved Forceps (Dumostar)	Dumont #7	11297-10	Biologie tip; 0.07 x 0.04 mm; 11.5 cm
Dubnoff Metabolic Shaker Incubator	Precision Scientific	BDG59442	Shaker optional
24-well dish	Falcon	353047	
Microscope Slides	VWR	82027-132	