

Materials List for:

Horizontal slice preparation of the retina

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Materials

Name	Company	Catalog Number	Comments
Agar	Sigma-Aldrich	A-1296	
Agarose L	Wako Pure Chemical Industries, Ltd.	317-01182	Low-temperature melting agarose
Hyaluronidase	Sigma-Aldrich		Type I-S, 300 units/mg
Medium			in mM: 102 NaCl, 3.1 KCl, 2.0 CaCl ₂ , 1.0 MgCl ₂ , 23 NaHCO ₃ , and 10 glucose, maintained at pH 7.8, or, Ames' Solution (Sigma)
Microwave			
Hot water bath			35 C
Vibratome slicer	Leica Microsystems	VT1000S	
MF-Membrane filters	EMD Millipore	HAWP01300	Filter paper , pore size 0.45 um
Dissection tools			forceps, blade, pinch, twizzer, etc.
Instant glue			eg., Alonalpha, Krazy Glu
50 ml syringe			
syringe filter	EMD Millipore	SX0001300	