

Whole Mount Imaging to Visualize and Quantify Peripheral Lens Structure, Cell Morphology, and Organization

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Materials

Name	Company	Catalog Number	Comments
3 mm Biopsy Punch	Acuderm Inc	NC9084780	
Agarose	Apex BioResearch Products	20-102GP	
Antimycotic/Antibiotic	Cytiva	SV30079.01	
Bovine Serum Albumin (Fraction V)	Prometheus	25-529	
Delicate task wipes	Kimwipe		
Glass bottomed dish (Fluorodish)	World Precision International	FD35-100	
Hoescht 33342	Biotium	40046	
Laser scanning confocal Microscope 880	Zeiss		
MatTek Imaging Dish	MatTek Life Sciences	P35G-1.5-14	
Paraformaldehyde	Electron Microscopy Sciences	100503-917	
PBS	GenClone	25-507B	
Phenol red-free medium 199	Gibco	11043023	
Rhodamine-Phalloidin	Thermo Fisher	00027	
Triton X100	Sigma-Aldrich	11332481001	
WGA-640	Biotium	CF 640R	