

Materials List for:

Large-Scale Purification of Porcine or Bovine Photoreceptor Outer Segments for Phagocytosis Assays on Retinal Pigment Epithelial Cells

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Materials

Name	Company	Catalog Number	Comments
Specific Material/Equipment			
2 Chamber gradient maker			Gradient maker with 30 ml chambers
3 mm diameter silicone tubing			tubing for gradient casting
Small size magnetic stir bar			Stir bar fitting the gradient maker chamber
Red safelight lamp			Inactinic lamp for dissection in the dark
Ultra Clear 25 x 89 cm tubes	Beckman	344058	Ultracentrifugation tubes
PP Oak Ridge tubes	Nalgene	3119-0050	30 ml centrifugation tubes
Optima LE-80K	Beckman Coulter	365668	Ultracentrifuge
SW 32Ti swing rotor	Beckman Coulter	369694	Swing rotor for ultracentrifuge
Avanti J-26 XP	Beckman Coulter	393124	Centrifuge
JA-25.50 rotor	Beckman Coulter	363058	Rotor for Avanti J-26 XP centrifuge
FITC Isomer I	Life Technologies	F-1906	Fluorescent dye
Other Material/Equipment			
Counting chamber (such as Neubauer or Malassez)			
Dark ice buckets with lids			
Scales			
Magnetic stirrer and upholding pole			
Refrigated microcentrifuge			
37 °C water bath			
-80 °C freezer			
Consumables			
Labcoat			Health and safety
Gloves			
Sleeve protectors			
Goggles			
Absorbent pads			
Biohazard trash bags and bins			
Weck-Prep blades		Dissection	60 mm/2.25 inch wide razor blades
15 cm plastic dish			

Sterile gauze sheets			
15 and 50 ml tubes			Common consumables
Microtubes			
Aluminum foil			