

Materials List for:

Performing Subretinal Injections in Rodents to Deliver Retinal Pigment Epithelium Cells in Suspension

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Materials

Name	Company	Catalog Number	Comments
2-Mercaptoethanol (55 mM)	Gibco	21985-023	50 ml x 1
Cell Scapers	VWR	89260-222	Case x 1
CellTracker Green CMFDA	Molecular Probes	C34552	50 µg x 20
DPBS, no calcium, no magnesium	Gibco	14190-144	500 ml x 1
Fast Green	Sigma-Aldrich	F7258	25 g x 1
Genteal Geldrops Moderate to Severe Lubricant Eye Drops	Walmart	4060941	25 ml x 1
Hamilton Model 62 RN SYR	Hamilton	87942	Syringe x 1
Hamilton Needle 33 G, 0.5", point 3 (304 stainless steel)	Hamilton	7803-05	Needles x 6
Knockout DMEM	Gibco	10829-018	500 ml x 1
KnockOut Serum Replacement	Gibco	10828-028	500 ml x 1
L-Glutamine 200 mM	Gibco	25030-081	100 ml x 1
Magnetic Stand	Leica Biosystems	39430216	Stand x 1
MEM Non-Essential Amino Acids Solution 100X	Gibco	11140-050	100 ml x 1
Micromanipulator	Leica Biosystems	3943001	Manipulator x 1
Penicillin-Streptomycin (10,000 U/ml)	Gibco	15140-122	100 ml x 1
Slip Tip Syringes without Needles BD (3 ml)	VWR	BD309656	Pack x 1
Specialty-Use Needles BD (30 G, 1")	VWR	BD305128	Box x 1
TrypLE Express Enzyme (1X), no phenol red	Gibco	12604013	100 ml x 1