

Materials List for:

LED Thermo Flow — Combining Optogenetics with Flow Cytometry

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Materials

Name	Company	Catalog Number	Comments
Glass FACS tube	Thermo Fisher Scientific; Waltham, USA	14-961-26	Borosilicate glass tubes 12x75 mm
Flow Cytometer	BD Biosciences; Heidelberg, Germany	Fortessa II	Special Order
Dronpa: pcDNA3-mNeptune2-N	Addgene; Cambridge, USA	41645	
PolyJet	SignaGen, Rockville, USA	SL100688	
LED 505 nm	Avago Technologies; Boeblingen, Germany	HLMP-CE34-Y1CDD	
LED 400 nm	Avago Technologies; Boeblingen, Germany	UV5TZ-400-15	
Plexiglas tube 15 mm	Maertin; Freiburg, Germany	76999	
Plexiglas 3 mm	Maertin; Freiburg, Germany	692230	
Plexiglas 2.5 mm	Maertin; Freiburg, Germany	692225	
Plexiglas 1.5 mm	Maertin; Freiburg, Germany	692215	
PVC tile 5 mm	Maertin; Freiburg, Germany	690020.005	
PVC tile 6 mm	Maertin; Freiburg, Germany	690020.006	
PVC block 50 mm	Maertin; Freiburg, Germany	690020.050	
RPMI	Invitrogen, Life Technologies; Darmstadt, Germany	61870-010	
2-Mercaptoethanol	EMD; Germany	805740	
FCS	PAN Biotech; Aidenbach, Germany	P30-3302	
Penicillin/Strptomycin (10,000 U/ mL)	Invitrogen, Life Technologies; Darmstadt, Germany	15140-122	
Acrifix plexiglas glue	Evonic industries, Essen, Germany	1R0192	
Tangit PVC-U glue	Henkel, Düsseldorf, Germany		