

Materials List for:

Preparation of Gene Gun Bullets and Biolistic Transfection of Neurons in Slice Culture

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Materials

Name	Type	Company	Catalog Number	Comments
1.6µm gold particles (microcarrier)	0.25g	Bio-Rad	1652264	
1M CaCl ₂		Fluka	21115	
100% EtOH	1pint	Goldshield		
Cartridge Tubing		Bio-Rad	1652412	
Scintillation vials	20ml, 500/case	VWR international	66021-668	
Dessication pellets	"Dricap"	MTI (800-445-9890)		
Water bath sonicator	model 50T	VWR international		
Cartridge holder	pack of 5	Bio-Rad	1652426	
Barrel liner	pack of 5	Bio-Rad	1652417	
Diffuser screen	pack of 5	Bio-Rad	1652475	
O-ring	75 Viton, Size 007, Qty. 100	McMaster-Carr		
Screen (mesh)		McMaster-Carr	144258	
PVP	20mg/ml in EtOH	Bio-Rad		Comes with tubing from biorad
Tubing prep station		Bio-Rad	1652418	
Tubing cutter		Bio-Rad	1652422	
Helios Gene-Gun		Bio-Rad	1652411	
Gene gun hose		Bio-Rad		Comes with Gene-Gun
Spermidine	5g	Sigma-Aldrich	s-0266	

Although we have listed all the products seperately, it is more economical to purchase "Helios Gene-Gun System", which includes with all the products from Bio-Rad listed above (cat # 165-2431).