

Materials List for:

Microglia as a Surrogate Biosensor to Determine Nanoparticle Neurotoxicity

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Materials

Name	Company	Catalog Number	Comments
Cells/Reagents			
Mouse microglial cell line (BV2)	Interlab Cell Line Collection (Genoa, Italy)	ATL03001	
Adult Mouse Hypothalamus Cell Line mHypoA-1/2	Cellutions Biosystems Inc.	CLU172	
Dulbecco's Modified Eagle's Medium	Invitrogen	10313-039	
Fetal bovine serum	PAA Labs	A15-751	
Penicillin/Streptomycin/Neomycin	Thermo Fisher Scientific	15640-055	
Trypsin-EDTA	Thermo Fisher Scientific	25200056	
Silver nanoparticles (20 nm)	Sigma-Aldrich	730793	
PrestoBlue Cell Viability Reagent	Invitrogen	A13262	
Mouse TNF- α ELISA Max Delux	Biolegend	430904	
Lipopolysaccharide	Sigma-Aldrich	L4391	
Sodium Citrate	Sigma-Aldrich	S4641	
Name	Company	Catalog Number	Comments
Equipment			
96 W Optical Bottom Plate, Black Polystyrene, Cell Culture Treated, with lid, Sterile	Thermo Fisher Scientific	165305	
Amicon Ultra-0.5 Centrifugal Filter Unit with Ultracel-10 membrane	EMD Millipore	UFC501008	
SpectraMax M5 Multi-Mode Microplate	Molecular Devices	M5	
Falcon 50 ml Conical Centrifuge Tubes	Corning, Inc	14-432-22	
Falcon Cell Strainers 70 μ m	Corning, Inc	08-771-2	
Tabletop centrifuge 5430	Eppendorf	22620560	