

Materials List for

# Obtaining Human Microglia from Adult Human Brain Tissue

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jove.com/video/61438

## Materials

Name	Company	Catalog Number	Comments
Antibiotic-Antimycotic solution	Himedia	A002	
Calcium chloride	Sigma	223506	
Centrifuge (4 °C)	Sigma	146532	
Centrifuge tubes	Abdos	P10203	
CO <sub>2</sub> incubator	New Brunswick	Galaxy 170 S	
D-Glucose	Himedia	GRM077	
DMEM medium with glutamine	Himedia	AL007S	
Fetal bovine serum	Himedia	RM9955	
Flacon tube (50 ml)	Thermo Fsiher Scientific	50CD1058	
Fluorescein Ricinus communis agglutinin-1	Vector	FL-1081	
Fluorescent microscope	Leica	DM2000LED	
Fluoroshield with DAPI	Sigma	F6057	
GFAP antibody	GA5	3670S	
Incubator shaker	New Brunswick Scientific	Innova 42	
L929 cell line	ATCC	NCTC clone 929 [L cell, L-929, derivative of Strain L] (ATCC CCL-1)	
Laminar air flow	Thermo Fsiher Scientific	1386	
Magnesium chloride	Himedia	MB040	
Monosodium phosphate	Merck	567545	
Nutrient Mixture F-12 Ham Medium	Himedia	AI106S	
Petri dish	Duran Group	237554805	
Phosphate buffered saline	Himedia	ML023	
Potassium chloride	Himedia	MB043	
Serological pipette	Labware	LW-SP1010	
Sodium bicarbonate	Himedia	MB045	
Sucrose	Himedia	MB025	
Syringe filter (0.2μ, 25 mm diameter)	Axiva	SFPV25R	

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T-25 tissue culture flasks suitable for adherent cell culture.	Himedia	TCG4-20X10NO	
Trypsin-EDTA (0.25%)	Gibco	25200-056	