

Materials List for:

Cell-based Assay to Study Antibody-mediated Tau Clearance by Microglia

Donata De Marco¹, Renske Taggenbrock², Rosa Crespo³, Wouter Koudstaal³, Elizabeth Ramsburg⁴, Adrian Apetri³

¹Neuroscience Discovery, Janssen Pharmaceutical Company of Johnson & Johnson, Belgium

²Department of Hematopoiesis, Sanquin Research and Landsteiner Laboratory, The Netherlands

³Janssen Prevention Center, Janssen Pharmaceutical Company of Johnson & Johnson, The Netherlands

⁴Neuroscience Discovery, Janssen Pharmaceutical Company of Johnson & Johnson, Pennsylvania

Correspondence to: Donata De Marco at ddemarc2@its.jnj.com, Adrian Apetri at aapetri@its.jnj.com

URL: <https://www.jove.com/video/58576>

DOI: [doi:10.3791/58576](https://doi.org/10.3791/58576)

Materials

Name	Company	Catalog Number	Comments
BV-2 cells	ICLC Interlab Cell Line Collection	ATL03001	
Phosphate Buffered Saline (PBS) (1x)	Gibco	10010-015	
Trypsin-EDTA 0.05%	Gibco	25300-054	
DMEM 4.5 g/dL glucose	Gibco	41966-029	
Fetal Bovine Serum	Gibco	10091-148	
Penicillin-Streptomycin (10,000 U/mL)	Gibco	15140122	
L-Glutamine 200 mM	Lonza	17-605E	
EasYFlask	Nunc	156499 / 159910	
pHrodo Green STP ester	Life Technologies	P35369	
Sodium Bicarbonate pH 8.5 100 mM			
DMSO	Sigma	D2650-100ml	
PD10 columns	GE Healthcare	17-0851-01	
BCA Protein Assay Kit	Thermo Fisher Scientific	23225	
Greiner CELLSTAR multiwell culture plates	Greiner	665180	
Falcon 96-Well Assay Plates	Falcon	353910	
Heparin	Sigma	H3393-50KU	
Trypsin-EDTA 0.25%	Sigma	T4049-100ml	
BSA	Sigma	A7030-100G	
EDTA 0.5 M, pH8			
FACS Canto II	BD		
Hoechst 33342 Solution (20 mM)	Thermo Fisher Scientific	62249	
LysoTracker Deep Red	Thermo Fisher Scientific	L12492	
Opera Phenix	Perkin Helmer	HH14000000	