

Materials List for:

Screening Assay for Oxidative Stress in a Feline Astrocyte Cell Line, G355-5

Maria Pia Testa¹, Omar Alvarado¹, Andrea Wournell¹, Jonathan Lee², Frederick T. Guilford³, Steven H. Henriksen², Tom R. Phillips^{1,2}

¹College of Veterinary Medicine, Western University of Health Sciences

²Graduate College of Biomedical Sciences, Western University of Health Sciences

³ReadiSorb, Products

Correspondence to: Tom R. Phillips at tphillips@westernu.edu

URL: <https://www.jove.com/video/2841>

DOI: [doi:10.3791/2841](https://doi.org/10.3791/2841)

Materials

Name	Company	Catalog Number	Comments
DMEM	Cellgro	15-013-CV	
MEM Vitamins	Cellgro	25-020-cl	1% (v/v)
L-glutamine	Hyclone	17-605E	1% (v/v)
Non Essential Amino Acids	Hyclone	25-025-cl	1% (v/v)
FBS	Hyclone	SH30071.03	20% (v/v)
Essential Amino Acids	Cellgro	25-030-cl	0.2% (v/v)
500ml vacuum filtration system	VWR international	87006-076	
15 ml conical tubes	Falcon BD	352097	
75 cm ² tissue culture flasks	Falcon BD	353136	
6 well tissue culture plate	Falcon BD	353224	
CM-H ₂ DCFDA	Invitrogen	C6827	
Propidium Iodide (PI)	Sigma-Aldrich	P4170-10mg	
Trypsin	Lonza Inc.	17-160F	
H ₂ O ₂	Sigma-Aldrich	H6520	
HyQ Antibiotic	Hyclone	SV30079.01	0.1% (v/v)
G355-5 cells	ATCC	CRL-2033	Normal feline brain