

Materials List for:

# A Neuronal and Astrocyte Co-Culture Assay for High Content Analysis of Neurotoxicity

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URL: <https://www.jove.com/video/1173>

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## Materials

Name	Company	Catalog Number	Comments
Rabbit Anti-βIII-Tubulin HCS Primary Antibody, 100X		Part No. CS201672	1 vial containing 300 μL Millipore HCS222 Kit Component
HCS Secondary Antibody (donkey anti-rabbit IgG, FITC conjugate), 200X		Part No. CS201649	1 vial containing 150 μL Millipore HCS222 Kit Component
Mouse Anti-GFAP HCS Primary Antibody, 100X		Part No. CS201671	1 vial containing 300 μL Millipore HCS222 Kit Component
HCS Secondary Antibody (donkey anti-mouse IgG, Cy3 conjugate), 200X		Part No. CS200437	1 vial containing 150 μL Millipore HCS222 Kit Component
H-chst HCS Nuclear Stain, 200X		Part No. CS200438	1 vial containing 150 μL Millipore HCS222 Kit Component
HCS Fixation Solution with Phenol Red, 2X		Part No. CS200434	1 bottle containing 100 mL Millipore HCS222 Kit Component
HCS Immunofluorescence Buffer, 1X		Part No. CS200435	1 bottle containing 1000 mL Millipore HCS222 Kit Component
HCS Wash Buffer, 1X		Part No. 2007643	1 bottle containing 500 mL Millipore HCS222 Kit Components
Acrylamide (Control Compound), 10X		Part No. CS201679	1 vial containing 500 μL of 1M acrylamide in dH <sub>2</sub> O Millipore HCS222 Kit Component
Hydrogen Peroxide (Control Compound), 10X		Part No. CS201730	1 vial containing 500 μL of 100 mM hydrogen peroxide in dH <sub>2</sub> O Millipore HCS222 Kit Components
K-252a (Control Compound), 250X		Part No. CS201741	1 vial containing 100 μL of 250 μM K-252a in DMSO Millipore HCS222 Kit Component
DMSO for Compound Serial Dilution		Part No. CS200441	1 bottle containing 10 mL Millipore HCS222 Kit Component
Compound Dilution Buffer		Part No. CS200442	1 bottle containing 25 mL Millipore HCS222 Kit Component
Plate Sealers		Part No. CS200443	10 each Millipore HCS222 Kit Components
tissue culture-treated black/clear bottom microplates			
HCS imaging/analysis system			