

Materials List for:

# Assessment of the Effects of Endocrine Disrupting Compounds on the Development of Vertebrate Neural Network Function Using Multi-electrode Arrays

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URL: <https://www.jove.com/video/56300>

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## Materials

Name	Company	Catalog Number	Comments
#5 foreceps	Fine Science Tools	11251-10	
Axion Muse MEA	Axion Biosystems	M64-GL1-30Pt200	Will be called MEA system in manuscript
Axis Software	Axion Biosystems		Will be called recording software in the manuscript
BPA	Sigma-Aldrich	239658-250g	
curved forceps	Fine Science Tools	11272-50	
EtOH	Sigma-Aldrich	64-17-5	
Fertilized chicken eggs	from any local farm or Spafas		
HBSS	Fisher	14170112	
Hemocytometer	Fisher	02-671-6	
Matrigel Growth Factor Reduced, Phenol Red-Free	BD Biosciences	356231	Will be called Extra Cellular Matrix (ECM) in the manuscript
Neurobasal medium	BrainBits	Nb4-500	
Neuroexplorer statistical software	Nex Technologies	Neuroexplorer version 5	
Pasteur pipettes	Fisher	13-678-20A	
spring scissors	Fine Science Tools	15514-12	
Sylgard bottom dissection dishes	Living Systems Instrumentaion	DD-90-S-BLK-3PK	
Trypan Blue dye	Fisher	15-250-061	
Trypsin-EDTA	Fisher	15400054	