

Locomotor Assessment of 6-Hydroxydopamine-induced Adult Zebrafish-based Parkinson's Disease Model

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Materials

Name	Company	Catalog Number	Comments
Materials			
6-Hydroxydopamine (6-OHDA)	Sigma-Aldrich, Missouri, USA	162957	
Ascorbic acid	Thermo Fisher Scientific, California, USA	FKC#A/8882/53	
Disposable pasteur pipette, 3 mL	Thermo Fisher Scientific, California, USA	FB55348	
Microcentrifuge tube, 0.2 mL	Eppendorf, Hamburg, Germany	30124332	
Nice conical flask, 100 mL	Evergreen Engineering & Resources, Semenyih, Malaysia	SumYau0200	
Phosphate buffered saline (PBS)	Sigma-Aldrich, Missouri, USA	P4417	
Sodium bicarbonate	Sigma-Aldrich, Missouri, USA	S5761	
Sodium chloride	Merck, Darmstadt, Germany	106404	
Stereomicroscope	Nikon, Tokyo, Japan	SMZ745	
Tricaine methanesulfonate (MS-222)	Sigma-Aldrich, Missouri, USA	E10521	
Equipment			
ANY-maze software	Stoelting Co., Illinois, USA	-	version 7.0; video tracking software
Cubis II Micro Lab Balance	Sartorius, Göttingen, Germany	SE 2	
FemtoJet IV microinjector	Eppendorf, Hamburg, Germany	5192000035	
Femtotip II, sterile injection capillary	Eppendorf, Hamburg, Germany	5242957000	
InjectMan 4 micromanipulator	Eppendorf, Hamburg, Germany	5192000027	
LED Portable Lamp	MR. DIY, Selangor, Malaysia	9023251	20 mAh
PELCO Pro Superalloy, offset, fine tips	Ted Pella, California, USA	5367-12NM	
Shanda aquarium heater	Yek Fong Aquarium, Selangor, Malaysia	SDH-228	
Thermometer	Sera Precision, Heinsberg, Germany	52525	
Video camera	Nikon, Tokyo, Japan	D3100	