

Materials List for:

Establishing Mouse Models for Zika Virus-induced Neurological Disorders Using Intracerebral Injection Strategies: Embryonic, Neonatal, and Adult

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Materials

Name	Company	Catalog Number	Comments
Flexible Drive Shaft Drill Hanging Motor	Leica	39416001	
Mouse Stereotax	Kopf	04557R	
Micro4 Microsyringe Pump Controller	WPI	SYS-MICRO4	
UMP3 UltraMicroPump	WPI	UMP3	
Modulamp	Schott	-	
Luer-lock tubing (19-gauge)	Hamilton	90619	
Melting Point Capillary	Kimble	34500-99	Glass needle
Fluoro-Max: Red Fluorescent Microspheres	Thermo Scientific	R25	No dilution; Use for practice injections
10 µL, Model 1701 LT SYR	Hamilton	80001	for embryonic inoculation
10 µL, Model 1701 RN SYR, Small Removable NDL, 26s ga, 2 in, point style 2	Hamilton	80030	for neonate/adult
4-0 Ethilon Nylon Sutures	Ethicon	-	
Mineral Oil	VWR	-	
micropipette puller	Sutter Instruments	P-1000	
Micropipette Grinder	Narishige	EG-44	
Fastgreen FCF Dye	Sigma	F7252	inject with 0.5% Dye
Antibodies			
Flavivirus group antigen antibody	Millipore	MAB10216	ms IgG2a 1:400 (Figure 2, Figure 3)
Pax6	DBHB	Pax6-s	ms IgG1 1:20