

Materials List for

# Murine Neural Plate Targeting by In Utero Nano-Injection (NEPTUNE) at Embryonic Day 7.5

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## Materials

Name	Company	Catalog Number	Comments
1 mL Syringe	BD Bioscience	309628	
27 G Needle	BD Bioscience	300635	
3.5 inches capillaries	Drummond Scientific	3000203G/X	Were used to pull in house needles
70 MHz MS Series transducer	Visual Sonics	MS700	
Aquasonic clear ultrasound gel	Parker Laboratories	Mar-50	
Autoclip Applier 9 mm	Angthos	12020-09	
CD1 mice	Charles River, Germany	CrI:CD1(ICR)	Females: from age of 8 weeks old Males: from the age of 12 weeks old
Cotton Swab	OneMed Sverige AB	120788	
DPBS	Gibco	14190094	
Dressing forceps delicate straight 13 cm	Agntos	08-032-130	
EG-400 Narishige Micropipette Grinder	Narishige	NA	
EZ clips 9 mm	Angthos	59027	clips
Iris Scissors, Super Cut, straight, 9 cm	Agntos	307-336-090	
Isofluorane	Baxter Medical AB	EAN: 50085412586613	Purchased from Swedish Pharmacy
Kimwipes	Kimberly Clarke	7557	
Membrane Tape	Visual Sonics	SA-11053	
Micropipette Puller	Sutter Instrument	P-97	
Modeling Clay	Sense AB	10209	
Mouse Handling Table	Visual Sonics	50249	
Nanoject II Auto Injector Kit	Drummond	3-000-205A	
Parafilm	Bemis	HS234526C	
Petri dish with central opening (low wall)	Visual Sonics	SA-11620	
Petri dish, (ØxH): 92 x 16 mm	Sarstedt	82.1472.001	
Rely+On Virkon	DuPont	130000132037	disinfectant

Silicone membrane	Visual Sonics	SA-11054	
Steri 250, hot bead sterilizer	Angthos	31100	
Surgical Tape (1.25 cm x 9.14 m)	Medicarrier	67034	
Vevo Compact Dual (Med. Air & O <sub>2</sub> ) Anesthesia System	Visual Sonics	VS-12055	
Vevo Imaging Station 2	Visual Sonics	VS-11983	
Vevo2100	Visual Sonics	VS-20047	
Vicryl 6-0; C-3 needle, 45 cm purple filament	Agthos	J384H	