

Materials List for:

# Non-Laser Capture Microscopy Approach for the Microdissection of Discrete Mouse Brain Regions for Total RNA Isolation and Downstream Next-Generation Sequencing and Gene Expression Profiling

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URL: <https://www.jove.com/video/3125>

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## Materials

Name	Company	Catalog Number	Comments
Isotemp 102 water bath	Fisher Scientific	15-460-3Q	
RNase Zap	Ambion	AM9782	
Lab rotator (orbital shaker)	Thermo Fisher Scientific, Inc.	2314 — 1CEQ	
Pellet mixer	VWR international	47747-370	
RNase-free 0.5 mL pestle	VWR international	KT749521-0590	Nuclease-free
Diethyl pyrocarbonate (DEPC)	Sigma-Aldrich	D5758-50ML	
Double-edge razor blades	Stoelting Co.	51427	
St-Itting tissue slicer with manual micrometer	Stoelting Co.	51425	
2/0 Round artist's brush	Princeton Art Brush	4350R	
Harris Uni-Core tissue corer (0.75 mm)	Ted Pella, Inc.	15072	
Harris Uni-Core tissue corer (1.0 mm)	Ted Pella, Inc.	15099	
Harris Uni-Core tissue corer (1.5 mm)	Ted Pella, Inc.	15075	
Harris Uni-Core tissue corer (2.0 mm)	Ted Pella, Inc.	15076	
Guillotine	Braintree Scientific, Inc.	RG-100	
DecapiCones	Braintree Scientific, Inc.	MDC-200	
HyClone Earle's balanced salt solution (EBSS)	Thermo Fisher Scientific, Inc.	SH30029.02	
25 mL pipets	Corning	4489	Nuclease-free
epT.I.P.S. LoRetention Dualfilter pipet tips, 20 — 300 µL	Eppendorf	0030 077.636	
TrakMates screw top tubes with caps	Thermo Fisher Scientific, Inc.	3741	
VisionMate wireless 2D barcode reader	Thermo Fisher Scientific, Inc.	3122MTX	
VisionMate SR single rack 2D barcode reader	Thermo Fisher Scientific, Inc.	3115	
1-200 µL universal fit pipette tips	Corning	4864	Nuclease-free
Cellstar cell culture dishes	Greiner Bio-One	628160	Nuclease-free
Greiner Bio-One 96-well polystyrene Cellstar tissue culture plate, U-bottom	USA Scientific, Inc.	5665-0180	Nuclease-free
#4 Filter paper	Whatman, GE Healthcare	1004 150	

Silicone bulb-type safety pipette filler	Fisher Scientific	13-681-102A	
NanoDrop 3300 Spectrophotometer	Thermo Fisher Scientific, Inc.	ND-3300	