

Materials List for:

Slice It Hot: Acute Adult Brain Slicing in Physiological Temperature

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Materials

Name	Company	Catalog Number	Comments
Pentobarbital	CTS	170066	Concentration: 60 mg/ml in physiological saline.
Big scissors	FST	14001-16	Any large scissors or a guillotine with sufficiently sharp edges can be used for decapitation
Iris scissors	Prestige medical	48,148	Any fine tip scissors can be used, provided the scissor blades are not longer than 1.5–2 cm
Fine tip forceps	FST	11254-20	
Scalpel	FST	91003-12	
Scalpel blade #11	FST	10011-00	
Small spatula	Fisher	2350	
Filter paper			Any laboratory brand can be used.
Petri dishes	Duroplan	Z231509-1	
Glass beakers	SCHOT	10022846	
Pasteur pipette	Maple Leaf Brand	14672-029	
Super glue	LOCTITE	4091361/1	
Slicer	Campden	7000-smz	
Ceramic slicing blade	Campden	7550-1-C	
Magnetic heater/stirrer			For heating up the SPS for the procedure
Electric kettle			For heating up water for temperature control
Slice recovery chamber + heating unit	Warner instruments	BSC-HT + BSC-BUW	Home-built models may also be used.
Thermometer			For monitoring SPS temperature during dissection and slicing