

Materials List for

# Extracting Intact Kidney from Mouse: A Technique to Obtain Kidney Without Renal Capsule from Murine Models

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## Materials

Name	Company	Catalog Number	Comments
60 mm x 15 mm Petri dish	Sigma Aldrich	P5481	Kidney sharp dissection dish
Absorbent paper	Fisher Scientific	06-666A	To dry the kidney before applying glue
B6;129S-Gt(ROSA)26Sor/J	The Jackson Laboratory	13148	GCaMP3 Mice
B6;129S-Gt(ROSA)26Sor/J	The Jackson Laboratory	24105	GCaMP6f Mice
B6.FVB-Tg(Myh11-cre/ERT2)1Soff/J	The Jackson Laboratory	19079	smMHC-CRE Mice
C57BL/6-Tg(Pdgfra-cre)1Clc/J	The Jackson Laboratory	13148	PDGFRa-CRE Mice
Ethanol	Phamco-Aaper	SDA 2B-6	For dissection
Extra-fine Bonn Scissors	Fine Science Tools	14083-08	Used for internal dissecting scissors
Fine scissors	Fine Science Tools	14060-09	Used for external dissecting scissors
Fine-tip forceps	Fine Science Tools	11254-20	Used for fine dissection of kidney
Isoflurane	Baxter	NDC 1001936060	For anesthesia
Silicon elastomer	Fisher Scientific	NC9285739	Sylgard 184
Student Adson Forceps	Fine Science Tools	91106-12	For gently holding and moving the kidney
Student Dumont Forceps	Fine Science Tools	91150-20	Used for internal dissecting forceps
Vannas spring scissors	Fine Science Tools	15000-03	For sharp dissection and cleanup of isolated kidney