

Materials List for:

Comparing Metastatic Clear Cell Renal Cell Carcinoma Model Established in Mouse Kidney and on Chicken Chorioallantoic Membrane

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URL: <https://www.jove.com/video/60314>

DOI: [doi:10.3791/60314](https://doi.org/10.3791/60314)

Materials

Name	Company	Catalog Number	Comments
0.25% Trypsin, 0.1% EDTA in HBSS w/o Calcium, Magnesium and Sodium Bicarbonate	Corning	25053CI	
8050-N/18 Micro 8V Max Tool Kit	Dremel	8050-N/18	
anti-VHL antibody	Abcam	ab135576	
BD Lo-Dose U-100 Insulin Syringes	BD Biosciences	14-826-79	
BD Pharm Lyse	BD Biosciences	555899	
BD General Use and PrecisionGlide Hypodermic Needles	Fisher Scientific	14-826-5D	
DAB Chromogen Kit	Biocare Medical	DB801R	
D-Luciferin Firefly, potassium salt	Goldbio	LUCK-1G	
DPBS without Calcium and Magnesium	Gibco	LS14190250	
DYKDDDDK Tag Monoclonal Antibody (FG4R)	eBioscience	14-6681-82	
Ethanol 200 Proof	Cylinders Management	43196-11	Prepare 70% in water
Fetal Bovine Serum, Qualified, USDA-approved Regions	Fisher Scientific	10-437-028	
Fisherbrand Sharp-Pointed Dissecting Scissors	Fisher Scientific	08-940	
Fisherbrand Sterile Cotton Balls	Fisher Scientific	22-456-885	
Fisherbrand High Precision Straight Tapered Ultra Fine Point Tweezers/ Forceps	Fisher Scientific	12-000-122	
Fisherbrand Premium Microcentrifuge Tubes: 1.5mL	Fisher Scientific	05-408-129	
Formaldehyde Soln., 4%, Buffered, pH 6.9 (approx. 10% Formalin soln.), For Histology	MilliporeSigma	1.00496.5000	

Hamilton customized syringe	Hamilton	80408	25 µL, Model 702 SN, Gauge: 30, Point Style: 4, Angle: 30, Needle Length: 17 mm
HA-probe Antibody (Y-11)	Santa Cruz Biotechnology	sc805	
Hemocytometer	Hausser Scientific	3100	
Hovabator Genesis 1588 Deluxe Egg Incubator Combo Kit	Incubator Warehouse	HB1588D	
Isothesia (Isoflurane) solution	Henry Schein Animal Health	1169567762	
IVIS Lumina II In Vivo Imaging System	Perkin Elmer		
Matrigel GFR Membrane Matrix	Corning	C354230	
Medline Surgical Instrument Drape, Clear Adhesive, 24" x 18"	Medex Supply	MED-DYNJSD2158	
OmniPur BSA, Fraction V [Bovine Serum Albumin] Heat Shock Isolation	MilliporeSigma	2910-25GM	
Penicillin-Streptomycin Solution, 100X, 10,000 IU Penicillin, 10,000ug/mL Streptomycin	Fisher Scientific	MT-30-002-CI	
Pentobarbital Sodium	Sigma Aldrich	57-33-0	Prepare 1% in saline
Peroxidase AffiniPure Goat Anti-Mouse IgG (H+L)	Jackson ImmunoResearch Laboratories	115-035-062	
Peroxidase AffiniPure Goat Anti-Rabbit IgG (H+L)	Jackson ImmunoResearch Laboratories	111-035-045	
Povidone-Iodine Solution USP, 10% (w/v), 1% (w/v) Available Iodine, for Laboratory Use	Ricca Chemical	395516	
pSicoR	Addgene	11579	
Puromycin dihydrochloride hydrate, 99%, ACROS Organics	Fisher Scientific	AC227420500	
Renca	ATCC	CRL-2947	
RPMI 1640 Medium (Mod.) 1X with L-Glutamine	Corning	10040CV	
Scientific 96-Well Non-Skirted Plates, Low Profile	Fisher Scientific	AB-0700	
SHARP Precision Barrier Tips, For P-200, 200 µl, 960 (10 racks of 96)	Thomas Scientific	1159M40	
Shipping Tape, Multipurpose, 1.89" x 109.4 Yd., Tan, Pack Of 6 Rolls	Office Depot	220717	
Suture	Ethicon	J385H	
Tegaderm Transparent Dressing Original Frame Style 2 3/8" x 2 3/4"	Moore Medical	1634	
Thermo-Chicken Heated Pad	K&H manufacturing	1000	
Tygon Clear Laboratory Tubing - 1/4 x 3/8 x 1/16 wall (50 feet)	Tygon	AACUN017	
VHL-KO			CRISPR/Cas9-mediated knockout of VHL, then lentivirally labeled with flag-tagged EGFP & firefly luciferase
VHL-WT			Lentivirally labeled with HA-tagged mStrawberry fluorescent protein & firefly luciferase
World Precision Instrument FORCEPS IRIS 10CM CVD SERR	Fisher Scientific	50-822-331	

Wound autoclips kit	Braintree scientific, inc.	ACS KIT	
Xylenes (Histological), Fisher Chemical	Fisher Scientific	X3S-4	