

Materials List for

# An Orthotopic Mouse Model of Ovarian Cancer using Human Stroma to Promote Metastasis

Huda I. Atiya<sup>1</sup>, Taylor J. Orellana<sup>2</sup>, Alyssa Wield<sup>2</sup>, Leonard Frisbie<sup>1</sup>, Lan G. Coffman<sup>1,2</sup>

<sup>1</sup>Division of Hematology/Oncology, Department of Medicine, Hillman Cancer Center, University of Pittsburgh <sup>2</sup>Division of Gynecologic Oncology, Department of Obstetrics, Gynecology, and Reproductive Sciences, Magee-Womens' Hospital, University of Pittsburgh Medical Center

## Corresponding Author

Lan G. Coffman  
coffmanl@upmc.edu

## Citation

Atiya, H.I., Orellana, T.J., Wield, A., Frisbie, L., Coffman, L.G. An Orthotopic Mouse Model of Ovarian Cancer using Human Stroma to Promote Metastasis. *J. Vis. Exp.* (169), e62382, doi:10.3791/62382 (2021).

## Date Published

March 23, 2021

## DOI

10.3791/62382

## URL

jove.com/video/62382

## Materials

Name	Company	Catalog Number	Comments
0.05% trypsin/0.02% EDTA	Sigma	SLCD2568	
Anti-human CD105	BD Pharmingen	560847	
Anti-human CD73	BD Pharmingen	555596	
Anti-human CD90	BD Pharmingen	561443	
B27	Gibco	17504-044	
β-FGF	Gibco	PHG0261	
β-mercaptoethanol	MP Biomedicals	194834	
Carprofen	Henry Schein	11695-6934-1	
D-luciferin	PerkinElmer	122799	
DMED	Gibco	11995-065	
EGF	Gibco	PHG0311	
Gentamicin	Gibco	15710072	
Heat-inactivated FBS	Gibco	16000069	
Insulin	Gibco	12585014	
Insulin syringe	BD Pharmingen	324704	
In vivo imaging system IVIS	PerkinElmer	IVIS Lumina X5	
Matrigel	Corning	354230	
MEBM (mammary epithelial cell basal medium)	ATCC	PCS-600-030	
Mycoplasma test kit	ABm	G238	
NSG mice	The Jackson Laboratory	5557	
OVCAR3	ATCC	HTB-161	
Penicillin/streptomycin	Gibco	15070063	
Polyglycolic Acid suture	ACE	003-2480	