

Materials List for:

# Chick Heart Invasion Assay for Testing the Invasiveness of Cancer Cells and the Activity of Potentially Anti-invasive Compounds

Marc E. Bracke<sup>1</sup>, Bart I. Roman<sup>2</sup>, Christian V. Stevens<sup>2</sup>, Liselot M. Mus<sup>1</sup>, Virinder S. Parmar<sup>3</sup>, Olivier De Wever<sup>1</sup>, Marc M. Mareel<sup>1</sup>

<sup>1</sup>Department of Radiation Oncology and Experimental Cancer Research, University of Ghent

<sup>2</sup>Department of Sustainable Organic Chemistry and Technology, University of Ghent

<sup>3</sup>Department of Chemistry, University of Delhi

Correspondence to: Marc E. Bracke at [Marc1.Bracke@ugent.be](mailto:Marc1.Bracke@ugent.be)

URL: <https://www.jove.com/video/52792>

DOI: [doi:10.3791/52792](https://doi.org/10.3791/52792)

## Materials

Name	Company	Catalog Number	Comments
Ringer's salt solution	Braun	CEO123	
Bacto-agar	Becton Dickinson	214010	
Tris-(hydroxymethyl)-aminomethaan Analar	VWR	103157P	
BSA : albumin from bovine serum, cohn V fract.	Sigma	A4503-500G	
MEM-Rega 3	Life Technologies	19993013	
Gyrotory shakers	New Brunswick Scientific	G10 and G33	
Erlenmeyer flasks 50 ml	Novolab	92717	
Glass Petri dishes	Novolab	68516	
Iridectomy scissors	Rumex	11-0625	
Macroscope with calibrated ocular grid	Wild	157702	
Paraffin wax	International Medical products	8599956	
Eosin Y	Sigma	230251-25g	
Harris' hematoxylin	Sigma	HHS32-1L	
Coverslipping resin (Tissue-Tek)	Sakura	4494	
Paraffin melting apparatus	GFL	1052	
Microtome for paraffin sectioning	Reichert		
Stppers for Erlenmeyer flasks with gas in- and outlets	Novolab	2602421 and 260243	
Diaminobenzidine	Sigma	D8001	
REAX rocking table	Heidolph	54131	
24-well tissue dishes	VWR	NUNC142475	
Ophtalmological enucleation spoon	Rumex	16-060	
Sharp forceps	Rumex	4-111T	
Blunt forceps	Nickel-Electro LTD	7112	
Erlenmeyer flasks 5 ml	Novolab	211901	
Microscope slides washed and degreased	International Medical products	8613908	