

Materials List for

Metastatic Cancer Cell Colony Isolation from Chicken CAM: A Procedure to Isolate Cancer Cells from Shell-less Egg Cultures

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URL: <https://www.jove.com/video/20470>

DOI: [doi:10.3791/20470](https://doi.org/10.3791/20470)

Materials

Name	Company	Catalog Number	Comments
15 mL conical centrifuge tubes.	Corning	CLS430791-500EA	
18 gauge x 1 1/2 BD precision needle	BD	BD305196	we use 1.2mm x 40mm, it is possible to use shorter needles if preferred
Benchtop centrifuge.	many sources are available		Any TC compatible centrifuge that can be used to spin down the cells is suitable
Collagenase	Sigma	C0130-100MG	
cotton swabs	many sources are available		must be sterilized before use
Culture media appropriate for the cell lines used	many sources are available		We grow HT1080, HEp3 and b16 cell lines in DMEM, 10% FBS media
Egg incubator	many sources are available		An exact model that is necessary depends on the scale of the screen. Available sources are MGF Company Inc., Savannah, GA, or Lyon Electric Company Inc., Chula Vista, CA
eppendor tubes , 1.5ml	Sigma	T4816-250EA	
Fertilized White Leghorn eggs	any local supplier		
fine forceps	many sources are available		must be sterilized before use
Image analysis software			We use Nikon Elements
PBS (1x)	many sources are available		
Plastic weighting dishes	Simport	CA11006-614	dimensions are 78x78x25mm; many other sources are available
small surgical scissors	many sources are available		must be sterilized before use
Stereo fluorescent microscope			We use Zeiss Lumar v12