

Materials List for:

In vitro Enrichment of Ovarian Cancer Tumor-initiating Cells

Carrie D. House¹, Lidia Hernandez¹, Christina M. Annunziata¹

¹Women's Malignancies Branch, National Cancer Institute

Correspondence to: Christina M. Annunziata at annunzic@mail.nih.gov

URL: <https://www.jove.com/video/52446>

DOI: [doi:10.3791/52446](https://doi.org/10.3791/52446)

Materials

Name	Company	Catalog Number	Comments
75 cm ² Ultra - Low Attachment Flask	Corning	3814	
75 cm ² Tissue Culture Flask	Sarstedt	83.1813.002	
Aldefluor Kit	Stemcell Technologies	1700	
CD133-APC	Miltenyi Biotec Inc.	130-090-826	
Fibroblast Growth Factor - Basic human recombinant	Sigma-Aldrich	F0291	Prepared according to manufacturer's instructions
Epidermal Growth Factor - human recombinant	Sigma-Aldrich	E9644	Prepared by Dissolving 0.2 mg with 1 ml sterile PBS
DMEM:F12 (+L-glutamine, +5 mM HEPES)	Gibco	11330-032	
1x Dulbecco's Phosphate-Buffered Saline (without calcium and magnesium)	Corning cellgro	21-031-CV	
0.25% Trypsin-EDTA (1x)	Gibco	25200-056	
Cellstripper Non-enzymatic Cell Dissociation Solution	Corning Cellgro	25-056-CI	
Bovine Serum Albumin	Sigma-Aldrich	A9418-10G	
Insulin-Transferrin-Selenium	Gibco	51500-056	
KnockOut Serum Replacement	Gibco	10828010	
Penicillin/Streptomycin	Gibco	15140-122	
Fetal Bovine Serum (heat inactivated)	Gemini	100-106	
Rapid-Flow Sterile Disposable Filter Units with CN Membrane (0.45 µm)	Nalgene	450-0045	
15 ml Sterile Polypropylene Centrifuge Tube	Corning	430052	
50 ml Sterile Polypropylene Conical Tube	Falcon	352098	
Trypan Blue 0.4% solution in 0.85% NaCl	Lonza	17-942E	