

Materials List for:

# Enrichment for Chemoresistant Ovarian Cancer Stem Cells from Human Cell Lines

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URL: <https://www.jove.com/video/51891>

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## Materials

Name	Company	Catalog Number	Comments
McCoy	Life Technologies	16600-108	Warm to 37 °C prior to use
DMEM / F12 serum free	Life Technologies	11320-033	Warm to 37 °C prior to use
Minimal Essential Media	Life Technologies	42360032	Warm to 37 °C prior to use
Sodium pyruvate	Life Technologies	<a href="#">11360070</a>	
Polybrene	Millipore	TR-1003-G	
Blasticidin	Life Technologies	<a href="#">R21001</a>	
Fetal Bovine Serum	Atlas Biologicals	F-0500-A	
Penicillin-streptomycin	Life Technologies	15070-063	
Cisplatin	Sigma-Aldrich	T7402-5MG	Caution: Toxic. Use precautions
pLenti-suCMV-Rsv	Gentarget	LVP023	BSL2 approval needed
Insulin	Sigma-Aldrich	I-1882	
Human Recombinant EGF	Cell Signaling Technology	8916LC	
bFGF	BD biosciences	354060	
LIF	Santa Cruz	sc-4988A	
Bovine Serum Albumin	Roche	03 116 956 001	
TRIzol	Life Technologies	15596-018	
High Capacity cDNA Reverse Transcription Kit	Applied Biosystems	4368813	
IQ Multiplex Powermix	BioRad	1725849	
Accumax	Millipore		
Primers	Integrated DNA Technology	individually designed and ordered (see protocol for sequences)	
Anti-CD133 PE	Miltenly	130-098-826	Primer/probe sets are light sensitive
CD117-Biotin	Miltenly	130-098-570	
AntiBiotin-FITC	Miltenly	130-098-796	
Paraformaldehyde	Sigma-Aldrich	P6148-1KG	Caution: Toxic. Always prepare in hood and make fresh.
Trypsin	Life Technologies	<a href="#">25300062</a>	
MTT (3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide)	Sigma-Aldrich	25200-072	
EVOS FI Epifluorescence and Transmitted Light Microscope	Advanced Microscopy Group		
Biorad CFX96 C1000 System	Biorad		
Beckman Coulter FC500 Flow Cytometer	Beckman Coulter		

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Spectramax 340PC384	Molecular Devices		
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