

# Strategy for Biobanking of Ovarian Cancer Organoids: Addressing the Interpatient Heterogeneity across Histological Subtypes and Disease Stages

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## Materials

Name	Company	Catalog Number	Comments
100 Sterican 26 G	Braun, Melsungen, Germany	4657683	
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293T HA Rspo1-Fc	R&D systems, Minneapolis, USA	3710-001-01	Alternative: R-Spondin1 expressing Cell line, Sigma-Aldrich, SC111
A-83-01 (TGF- $\beta$ RI Kinase inhibitor IV)	Merck, Darmstadt, Germany	616454	
Advanced DMEM/F-12 Medium	Gibco, Thermo Scientific, Waltham, USA	12634028	
Anti-p53 antibody (DO1)	Santa Cruz Biotechnology, Texas, USA	sc-126	
Anti-PAX8 antibody	Proteintech, Manchester, UK	10336-1-AP	
B-27 Supplement (50x)	Gibco, Thermo Scientific, Waltham, USA	17504-044	
Bottle-top vacuum filter 0.2 $\mu$ m	Corning, Berlin, Germany	430049	
CELLSTAR cell culture flask, 175 cm <sup>2</sup>	Greiner Bio-one, Kremsmünster, Austria	661175	
CELLSTAR cell culture flask, 25 cm <sup>2</sup>	Greiner Bio-one, Kremsmünster, Austria	690160	
CELLSTAR cell culture flask, 75 cm <sup>2</sup>	Greiner Bio-one, Kremsmünster, Austria	658175	
Collagenase I	Thermo Scientific, Waltham, USA	17018029	
Costar 48-well Clear TC-treated	Corning, Berlin, Germany	3548	
Cryo SFM	PromoCell – Human Centered Science, Heidelberg, Germany	C-29912	
Cultrex Reduced Growth Factor Basement Membrane Extract, Type 2, Pathclear	R&D systems, Minneapolis, USA	3533-005-02	Alternative: Matrigel, Growth Factor Reduced Basement membrane matrix Corning, 356231

Cy5 AffiniPure Donkey Anti-Mouse IgG	Jackson Immuno	715-175-151	
DAKO Citrate Buffer, pH 6.0, 10x Antigen Retriever	Sigma-Aldrich, Merck, Darmstadt, Germany	C9999-1000ML	
DAPI	Thermo Scientific, Waltham, USA	62248	
Donkey anti rabbit Alexa Fluor Plus 555	Thermo Scientific, Waltham, USA	A32794	
Donkey anti-Goat IgG Alexa Fluor Plus 488	Thermo Scientific, Waltham, USA	A32814	
Dulbecco's Phosphate-Buffered Saline	Gibco, Thermo Scientific, Waltham, USA	14190-094	
Epredia Richard-Allan Scientific HistoGel	Thermo Scientific, Waltham, USA	Epredia HG-4000-012	
Falcon 24-well Polystyrene	Corning, Berlin, Germany	351447	
Feather scalpel	Pfm medical, Cologne, Germany	200130010	
Fetal Bovine Serum	Gibco, Thermo Scientific, Waltham, USA	10270106	
Formalin 37% acid free, stabilized	Morphisto, Offenbach am Main, Germany	1019205000	
GlutaMAX	Gibco, Thermo Scientific, Waltham, USA	35050038	
HEPES (1 M)	Gibco, Thermo Scientific, Waltham, USA	156630080	
Human EpCAM/TROP-1 Antibody	R&D systems, Minneapolis, USA	AF960	
Human FGF10	Peprtech, NJ, USA	100-26	
Human recombinant BMP2	Gibco, Thermo Scientific, Waltham, USA	PHC7146	
Human recombinant EGF	Gibco, Thermo Scientific, Waltham, USA	PHG0311L	
Human recombinant Heregulin beta-1	Peprtech, NJ, USA	100-03	
LAS X core Software	Leica Microsystems		<a href="https://webshare.leica-microsystems.com/latest/core/widefield/">https://webshare.leica-microsystems.com/latest/core/widefield/</a>
Leica TCS SP8 X White Light Laser Confocal Microscope	Leica Microsystems		
N-2 Supplement (100x)	Gibco, Thermo Scientific, Waltham, USA	17502-048	
Nicotinamide	Sigma-Aldrich, Merck, Darmstadt, Germany	N0636	
Omnifix 1 mL	Braun, Melsungen, Germany	3570519	
Paraffin			
Parafilm	Omnilab, Munich, Germany	5170002	
Paraformaldehyd	Morphisto, Offenbach am Main, Germany	1176201000	
Pen Strep	Gibco, Thermo Scientific, Waltham, USA	15140-122	
Penicillin-Streptomycin (10,000 U/ mL)	Sigma-Aldrich, Merck, Darmstadt, Germany	P4333-100	
PluriStrainer 400 µm	PluriSelect, Leipzig, Germany	43-50400-01	
Primocin	InvivoGen, Toulouse, France	ant-pm-05	
Red Blood Cell Lysing Buffer	Sigma-Aldrich, Merck, Darmstadt, Germany	11814389001	
Roticlear	Carl Roth, Karlsruhe, Germany	A538.5	
Surgipath Paraplast	Leica, Wetzlar, Germany	39602012	

Thermo Scientific Nunc Cryovials	Thermo Scientific, Waltham, USA	375418PK	
Triton X-100	Sigma-Aldrich, Merck, Darmstadt, Germany	T8787	
Trypan Blue Stain	Sigma-Aldrich, Merck, Darmstadt, Germany	T8154	
TrypLE Express Enzyme	Gibco, Thermo Scientific, Waltham, USA	12604-013	
Tween-20	PanReac AppliChem, Darmstadt, Germany	A4974-0100	
Y-27632	TOCRIS biotechnie, Wiesbaden, Germany	1254	
Zeocin	Invitrogen, Thermo Scientific, Waltham, USA	R25001	