

Materials List for:

Method for Novel Anti-Cancer Drug Development using Tumor Explants of Surgical Specimens

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Materials

Name	Company	Catalog Number	Comments
Fetal Bovine Serum, Qualified, Heat-Inactivated	GIBCO, by Life Technologies	16140-071	
D-MEM/F-12 (1X) Liquid 1:1	Invitrogen	10565-042	
Agar-Agar Purified, Granulated	EMD Millipore	1.01614.1000	
DPBS for staining	Invitrogen	14190	
Hematoxyllin	Richard-Allan Scientific	7211	
10% w/v formalin Caspase-3	Ricca Chemical Company	3810	
Caspase-3	R&D Systems	AF835	
Ki67	Dako	15626	
DMSO	Sigma-Aldrich	D2650	
Envision system- anti-mouse	Dako	2012-07	
Envision system- anti-rabbit	Dako	2011-12	
DAB-kit	Vector Laboratories	SK-4100	

Table 1. Materials.

6 Well Plate	Greiner Bio-One	657160	
Petri dish	VWR international	25384-302	
Serological pipette	Axygen Scientific		
Filter tips	USA Scientific, Inc.		
500 µm polyester mesh Netwell insert	Costar	3480	
Matrigel Matrix	BD Biosciences	354230	
BD 10 mL syringe	BD Biosciences	309604	
Hypodermic needle Aluminum Hub.	Tyco Healthcare, Covidien	2000029	
Tissue culture flask	Corning		
Centrifuge tubes	Basix	5539800	
Thin wall tubes	Eton	1107A	
Surgical Blade stainless steel	Feather Safety Razor Co, Ltd.	2976#10	
Insulin Syringe	Comfort point	26027	
50mL flat top screw cap tube	Basix	5539802	
Dissection microscope	Tritech Research, Inc.		
Fluorescence microscope	Olympus Corporation	DP-72	
Forcep	Fisher Scientific		

Table 2. Equipment.