

Materials List for:

# Drug Screening of Primary Patient Derived Tumor Xenografts in Zebrafish

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## Materials

Name	Company	Catalog Number	Comments
10x TBE Liquid Concentrate	VWR	0658-5L	
96-well plate, flat bottom	CELLTREAT	229195	VAST is compatible with a variety of standard or deep well 24, 48, or 96 well plates
Agarose	Fisher Scientific	BP160-500	
Borosilicate Glass Capillary without Filament	Sutter Instrument Company	B100-50-10	
Dexamethasone	Enzo Life Sciences	BML-EI126-0001	
DMSO	Sigma-Aldrich	D2438-5X10ML	
E3 media		N/A	5 mM NaCl, 0.17 mM KCl, 0.33 mM CaCl <sub>2</sub> , 0.33 mM MgSO <sub>4</sub>
Femtotips Microloader Tips	Eppendorf	930001007	
Fetal Bovine Serum (Premium Heat Inactivated)	Atlanta Biologicals	S11150H	
ImageJ	Fiji	N/A	<a href="https://imagej.net/Fiji">https://imagej.net/Fiji</a>
Iscove's Modified Dulbecco's Medium	STEMCELL Technologies	36150	
Large Particle (LP) Sampler	Union Biometrica	N/A	automated sampler unit <a href="http://www.unionbio.com/copas/features.aspx?id=8">http://www.unionbio.com/copas/features.aspx?id=8</a>
Methotrexate	Sigma-Aldrich	A6770-10MG	
Mineral Oil	Fisher Scientific	BP26291	
Phosphate Buffered Saline (1x)	Caisson labs	PBL06-6X500ML	
Stage Micrometer (400-Stage)	Hausser Scientific	400-S	
Tricaine-S	Pentair Aquatic	TRS1	
Trypan Blue	Thermo Fisher	T10282	
VAST Bioimager	Union Biometrica	N/A	fluorescent equipped microscope imaging unit <a href="https://www.unionbio.com/vast/">https://www.unionbio.com/vast/</a>
Vincristine Sulfate	Enzo Life Sciences	BML-T117-0005	
Vybrant Dil Stain	Thermo Fisher	V22885	