

Materials List for:

Development of an *In Vitro* Assay to Quantitate Hematopoietic Stem and Progenitor Cells (HSPCs) in Developing Zebrafish Embryos

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Materials

Name	Company	Catalog Number	Comments
10% Bovine Serum Albumin in Iscove's MDM	StemCell Technologies	9300	
DPBS (10x) with Calcium ²⁺ and Magnesium ²⁺	Life Technologies	14080-055	
HyClone PBS (1x)	GE Healthcare Life Sciences	sh30256.01	
DMEM 500 mL	Corning CellGrow	10-017-CV	
Ham's F12 500 mL	Corning CellGrow	10-080-CV	
FBS 500 mL	Gemini Bio-Products	100-108	
HEPES 100 mL (1 M)	Gibco life technologies	15-630-080	
Penicillin/streptomycin (5000 U/mL and 5000 mg/mL) with L-Glutamine (200 mM)	Corning Mediatech	30-009-CI	
Gentamycin Sulfate 10 mL (50 mg/mL)	Corning Mediatech	30-005-CR	
1.5 mL MCF tube	FisherBrand	05-408-129	
3 mL 23gx1 injection needle with Luer lock	BD Safety Glide	305905	
5 mL polystyrene round bottom tube with cell strainer cap	Corning Falcon	352235	
Methocel MC	Sigma-Aldrich	64630	
14 mL Polystyrene round bottom tube	Corning Falcon	352057	
10 mm polystyrene easygrip Petri dish	Corning Falcon	351008	
Librase TM	Roche Sigma-Aldrich	5401119001	dissociation protease
Pronase	Roche Sigma-Aldrich	11459643001	dechoriation protease
15 cm Petri dish	Corning Falcon	351058	
AB	Zebrafish International Resource Center (ZIRC)	ZL1	zebrafish strain used
Dithiothreitol (DTT)	Sigma-Aldrich	646563	