

Materials List for

Evaluating the Effects of Biotoxins on Immune Cell Functions in Zebrafish

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Materials

Name	Company	Catalog Number	Comments
10% fetal bovine serum	Gibco	A3160501	
14 mL round bottom centrifuge tubes	BD Biosciences	352059	
40 µm cell strainer	Corning	07-201-430	
5 mL flow cytometry tubes	BD Biosciences	352235	
50 mL conical centrifuge tube	Corning	14-959-49A	
Absolute ethanol	Fisher	BP2818-500	
Automated cell counter	Life Technologies Countess II FL		for studying cell viability
Bovine serum albumin (BSA)	Sigma	A3059	
cytochalasin D (CCD)	Sigma	C8273-5MG	
Dextran 40	Sigma	FD40-100MG	
Dextran 70	Sigma	46945-100MG-F	
<i>Escherichia coli</i> DH5α (or other lab bacterial strain)	New England Biolabs	C29871	
Ethylenediaminetetraacetic acid (EDTA)	Sigma	ED4SS	
Flow analysis software	Novoacea software		
Flow cytometer	Novocyte 3000		
Fluorescein	Fluka BioChemica	46950	
hanks balanced salt solution without calcium or magnesium	Sigma	H4891	
Histopaque 1077	Sigma	10771-100ML	
Lucifer Yellow	Sigma	L0259-25MG	
Mannan	Sigma	M7504-250MG	
Phosphate buffered saline	Sigma	P3813	
RPMI-1640 with GlutaMax	Gibco	61870036	
Statistical software	SPSS		
Toxin			
Tricaine	Western Chemical Inc	NC0342409	