

Materials List for:

# Oral Intubation of Adult Zebrafish: A Model for Evaluating Intestinal Uptake of Bioactive Compounds

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## Materials

Name	Company	Catalog Number	Comments
Silicone tube	Dow Corning	508-001	0.30 mm inner diameter and 0.64 mm outer diameter
Luer lock needle	Hamilton	7750-22	31 G, Kel-F Hub
Luer lock syringe	Hamilton	81020/01	100 µL, Kel-F Hub
Filtered pipette tip	Nerbe Plus	07-613-8300	10 µL
MS-222	Sigma Aldrich	E10521	powder
10x PBS	Sigma Aldrich	P5493	
Filter paper	Filter-Lab	RM14034252	
Collagenase	Gibco	17104019	
DMEM	Gibco	31966	Dulbecco's modified eagle medium
Penicillin and streptomycin	Gibco	15240	
Cell strainer	Falcon	352360	
CellTrics filters	Sysmex Partec	04-004-2326 (Wolflabs)	30 µm mesh size filters with 2 mL reservoir
Tissue-Tek O.C.T. compound	SAKURA	4583	
Plastic molds for cryosections	SAKURA	4557	Disposable Vinyl molds. 25 mm x 20 mm x 5 mm
Slide	Thermo Scientific	10149870	SuperFrost Plus slide
Cover glasses	Labbox	COVN-024-200	24'24 mm
Paraformaldehyde (PFA)	Sigma-Aldrich	158127	
Atto-488 NHS ester	Sigma-Aldrich	41698	
Sodium bicarbonate	Sigma-Aldrich	S5761	
DMSO	Sigma-Aldrich	D8418	
Maxwell RSC simplyRNA Tissue Kit	Promega	AS1340	
1-Thioglycerol/Homogenization solution	Promega	Inside of Maxwell RSC simplyRNA Tissue Kit	adding 20 µl 1-Thioglycerol to 1 mL homogenization solution (2%)
vertical laboratory rotator	Suministros Grupo Esper	10000-01062	
Cryostat	Leica	CM3050S	
Homogenizer	KINEMATICA	Polytron PT1600E	
Flow cytometer	Becton Dickinson	FACS Canto	
5 mL round bottom tube	Falcon	352058	
Confocal microscope	Leica	SP5	
Fume Hood	Kottermann	2-447 BST	
Nanodrop 1000	Thermo Fisher Scientific	ND-1000	Spectrophotometer

Agilent 2100 Bioanalyzer System	Agilent	G2939A	RNA bioanalyzer
Maxwell Instrument	Promega	AS4500	
iScript cDNA synthesis kit	Bio-rad	1708891	
CFX384 Real-Time PCR Detection System	Bio-Rad	1855485	
iTaq universal SYBR Green Supermix kit	Bio-rad	172-5120	
Water	Sigma-Aldrich	W4502	
Cryogenic vial	Thermo Fisher Scientific	375418	CryoTube vial
Mounting medium	Sigma-Aldrich	F6057	Fluoroshield with DAPI