

Materials List for

Nuclei Isolation from Whole Tissue using a Detergent and Enzyme-Free Method

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Materials

Name	Company	Catalog Number	Comments
Bovine serum albumin (BSA)	Carl Roth	90604-29-8	Albumin fraction V
Cell sorter	BD Biosciences		FACSAria III
Centrifuge	Sartorius	A-14C	
Eppendorf tubes (1.5 mL)	Eppendorf	22363204	
Falcon (15 mL)	Corning	352096	Polypropylene centrifuge tubes
Falcon (5 mL)	Corning	352052	Polystyrene round bottom test tubes
Fine forceps	Fine Science Tools	11295-10	
Flowmi cell strainer (40 µm)	Sigma	BAH136800040	
Fluorescence microscope	Leica	DMI6000 B	
Glass bottle (250 mL)	VWR	215-1593	
Glass bottomed dish	World Precision Instruments	FD3510-100	Fluorodish 35 mm
Glass Pasteur pipettes	VWR	612-1701	
Glass pipette socket	Carl Roth	388.1	Pipetting aid pi-pump 2500
Hoechst staining dye solution	Abcam	ab228551	Hoechst 33342
Minute Detergent-Free Nuclei Isolation Kit	Invent Biotechnologies	NI-024	
PBS (10X)	ThermoFisher	70011069	
Petri dish (30 mm)	FisherScientific	11333704	Pyrex
Petri dish (90 mm)	Corning	758-10178-CS	Gosselin
Pipette tips	VWR	89079	10 µL, 200 µL, 1000 µL
Pipettes	Gilson	F167380	Pipetman
Razor blade	Swann-Morton	7981809	
Tricaine methane sulfonate	Sigma	E10521	
Vortex machine	Scientific Industries	SI-0236	Vortex-Genie 2