

Materials List for:

# Isolating and Analyzing Cells of the Pancreas Mesenchyme by Flow Cytometry

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## Materials

Name	Company	Catalog Number	Comments
Collagenase P	Roche	11213865001	
DNase	Sigma-Aldrich	D5025-15KU	The effective units should be at least 2,000 unitz/mL protein
Hanks' Balanced Salt solution (HBSS)	Sigma-Aldrich	H6648	
Fetal Bovine Serum (FBS)	Biological Industries	04-127-1A	
EDTA	Biological Industries	01-862-1A	
Sodium Azide	Sigma-Aldrich	S2002	
Goat IgG serum	Sigma-Aldrich	G9023	
DAPI	Sigma-Aldrich	D9542	
RNAse inhibitor	Invitrogen	N8080119	
Dulbecco's Modified Eagle Medium (DMEM)	Invitrogen	11965092	
L-Glutamine	Biological Industries	03-020-1B	
Penicillin-streptomycin	Biological Industries	03-031-1B	
Dulbecco's Phosphate Buffered Saline (PBS)	Sigma-Aldrich	D8537	Without Calcium Chloride and Magnesium Chloride
1.5 mL tubes	Sarstedt	72 690	
15 mL conical tube	Corning	430052	
Round Bottom Polystyrene 5 mL tube	Corning	352008	FACS tube. Make sure tube is compatible with the flow cytometer to be used, as there are slight differences in required tubes between brands
5 mL tube with 35 µm cell strainer Snap Cap	Corning	352235	FACS tube
70 µm cell strainer	Miltenyi Biotec	130-098-462	
Heating block with agitation	Eppendorf	ThermoMixer C	
Centrifuge	ThermoFisher	Heraeus Megafuge 40R	
Steromicroscope	Nikon	SMZ 745	
Cell sorter	BD Biosciences	FACSAria IIu	
flow cytometer	Beckman Coulter	Gallios	