

Materials List for:

Assessing the Secretory Capacity of Pancreatic Acinar Cells

Erez Geron¹, Eyal D. Schejter¹, Ben-Zion Shilo¹

¹Department of Molecular Genetics, Weizmann Institute of Science

Correspondence to: Erez Geron at luckyez@ gmail.com

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Materials

Name	Company	Catalog Number	Comments
ICR mice	Harlan		Any strain will do
HBSS	Sigma Aldrich	H8264	Can substitute for KRB
BSA	Sigma Aldrich	A7906	Fraction V
Trypsin inhibitor	Sigma Aldrich	T9003	
Collagenase XI	Sigma Aldrich	C0130	
Nylon mesh	BD Falcon	352360	70-100µm
Amylase infinity reagent	Thermo	TR25421	
CCK	Sigma Aldrich	C2175	
FM4-64	Lifetechnologies	F34653	Diluted to 16µM
20mL scintillation vial	Sigma Aldrich	Z190527	
DeltaVision system	Applied Precision		Consisting of an inverted microscope IX71 equipped with 60x/1.4 or 100x/1.3 objectives (Olympus)
Zeiss 510 or 710 confocal microscope	Zeiss		60x/1.4 or 100x/1.4 objectives
Ultra Microplate reader	BioTek	ELx808	