

Materials List for:

# Tissue Collection of Bats for -Omics Analyses and Primary Cell Culture

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## Materials

Name	Company	Catalog Number	Comments
1.5 mL Eppendorf Safelock tubes	Fischer Scientific	10509691	1.5 mL sterile tubes used during cell culture protocol
15 mL tubes	Sarstedt	62,554,002	15 mL sterile tubes used during cell culture protocol
2 mL cryovials	Thomas Scientific	1154P75	cryogenic vials for tissues to be stored in liquid nitrogen
3 mm biopsy punch	Medline	MIL3332	wing biopsy punch for cell culture
6 well plate	Greiner	83,392	Culture vessle
Allprotect Tissue Reagent	Qiagen	76405	for fecal samples; tissue stabilizing solution
Cell counting slides for TC10/TC20 cell counter, dual chamber	Bio-Rad	145-0011	Chambers for the count cells using the automated cell counter TC20 by Bio-Rad
Collagenase IV	Stemcell Technologies	7909	For dissociation of primary cells
Dimethyl sulfoxide (DMSO)	Sigma Aldrich	D2650-5X5ML	Prevents crystalization of water during freezing of the cells.
DMEM–Dulbecco's Modified Eagle Medium	Thermo Fisher	12491-015	culture media
Dulbecco's PBS	Invitrogen	14190169	Balanced salt solution used for washing cells
Fetal bovine serum (FBS)	Fischer Scientific	10270106	Serum-supplement for in vitro cell culture of eukaryotic cells
Gentamycin sulfate salt	Sigma Aldrich	G1264-250MG	Antibiotic for culture media
Nalgene Mr. Frosty	Thermo Scientific	5100-0050	Freezing container which provides 1 °C/min cooling rate
PARAFILM	Sigma	P7793	Wrapping tubes etc for sealing
Penicillin-streptomycin (pen-strep), 100x	Invitrogen	15140130	Antibiotic for culture media
Phosphate-buffered saline (PBS) 10x, pH 7.4	Thermo Fisher	10010023	salt buffer used for washes and storage of bone tissue; dilute to 10x using de-ionized water
RNAlater	Thermo Fisher	AM7021	RNA stabilizing solution

RNAse away	Genetech	83931-250mL	breaks down enzymes that lead to RNA degradation
Silica gel	Fisher Scientific	7631-86-9	dessicant agent
TC20 Automated Cell Counter	Bio-Rad	1450102	Automated cell counter
Trypan blue	Bio-Rad	145-0013	Cell stain used to assess cell viability
Trypsin-EDTA	Sigma Aldrich	T4049	For dissociation of cells during splitting