

Materials List for:

# A Silver Nanoparticle Method for Ameliorating Biliary Atresia Syndrome in Mice

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## Materials

Name	Company	Catalog Number	Comments
BALB/c mouse	Guangdong Medical Experimental Animal Center	SYXK2017-0174	Animal experiment
Rhesus rotavirus (RRV)	ATCC	ATCC VR-1739	Establish biliary atresia mouse model
MA104 cells	ATCC	ATCC CRL-2378.1	For laboratory use only
DMEM	Thermo Fisher	10569010	Mammalian Cell Culture
Fetal Bovine Serum	Thermo Fisher	10099141	Mammalian Cell Culture
collagen Type I	CORNING	354236	For research use only
PBS buffer	OXOID	BR0014G	For washing
NaOH	Sigma	1310-73-2	Adjust the PH value
AgNP			Antibacterial Note: The AgNps was a gift from Prof CM Che. in the Department of Chemistry, the University of Hong Kong.
Insulin syringe with integrated needle	BD	9161635S	For medical use
15 mL Centrifuge Tube	Corning	430791	For laboratory use only
1.5 mL Microcentrifuge Tube	GEB	CT0200-B-N	For laboratory use only
Microscope	Nikon	ECLIPSE-Ci	For laboratory use
Dissecting/Intravital microscope	Nikon	SMZ 1000	For laboratory use
anti-Mouse NKp46 FITC	eBioscience	11-3351	For research use only
anti-Mouse CD4 PE-Cyanine5	eBioscience	15-0041	For research use only
Monoclonal Mouse Anti-Human CD4	DAKO	20001673	For research use only
anti-NKG2D	RD	MAB1547	For research use only
BD FACSCanto Flow Cytometer	BD Biosciences	FACS Canto Plus	For laboratory use only