

Materials List for:

# Isolation and Characterization of Extracellular Vesicles from Adult *Schistosoma japonicum*

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## Materials

Name	Company	Catalog Number	Comments
<b>Material</b>			
Total Exosome Isolation Reagent (from cell culture media)	ThermoFisher SCIENTIFIC	4478359	For isolating <i>S. japonicum</i> extracellular vesicles
PKH67	Sigma-aldrich	MINI67	For labeling Evs
RPMI 1640 Medium	ThermoFisher SCIENTIFIC	11875119	For parasite culture
Penicillin-Streptomycin	ThermoFisher SCIENTIFIC	15140122	
0.22µm syringe filter	Merck	SLGP033RB	
SnakeSkin Dialysis Tubing	Thermo SCIENTIFIC	68035	
PEG8000	Sangon Biotech	A100159	
RIPA	Beyotime	P0013B	
EMD Millipore™ Immobilon™ Western Chemiluminescent HRP Substrate (ECL)	Fisher scientific	WBKLS0100	
DAPI	Cell Signaling Technology	4083	
BCA kit	Beyotime	P0010	
CD63 antibodies	Sangon Biotech	D160973-0025	
PVDF	Bio-Rad	1704273	
Formvar/Carbon 400 mesh	Ted Pella	01754-F	
Phosphotungstic Acid	Ted Pella	19402	
anti-mouse IgG-HRP	CWBIO	CW0102	
NCTC clone 1469 cells	ATCC	ATCC® CCL-9.1™	
FBS	HyClone	SV30087.02	
<b>Equipments</b>			
GE chemoluminescence imaging system	GE	ImageQuant LAS4000mini	
Transmission electron microscopy	Hitachi	H-7600	
Milli-Q water	Milli-Q	Milli-Q Elix	
Eppendor Centrifuge	Eppendorf	Centrifuge 5804R	
Zetasizer Nano	Malvern	Zetasizer Nano ZS	
Ultracentrifuge	Beckman	Optima L-100 XP Ultracentrifuge	
Incubator	ESCO	CCL-107B	
Microscope	Zeiss	Zeiss Axin Observer Z1	