

Materials List for

# SDS-PAGE Based Extraction of Extracellular Vesicles Associated Proteins: A Procedure to Extract Proteins from EVs and Prepare Them for In-Gel Digestion

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URL: <https://www.jove.com/video/20624>

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## Materials

Name	Company	Catalog Number	Comments
Acetonitrile	Fisher Chemicals	A955-1	
Ammonium bicarbonate	Sigma-Aldrich	9830	
HSP90 $\alpha/\beta$ antibody (RRID: AB_675659)	Santa-cruz	sc-13119	
Bio-Rad Protein Assay Dye Reagent Concentrate (Bradford)	Bio-Rad	5000006	
Dithiothreitol	Sigma-Aldrich	43819	
Ethylene glycol-bis(2-aminoethylether)-N,N,N',N'-tetraacetic acid	Sigma-Aldrich	03777-10G	
Ethylendiaminetetraacetic acid	Sigma-Aldrich	ED-100G	
Fisherbrand Q500 Sonicator with Probe	Fisherbrand	12893543	
Idoacetamide	Sigma-Aldrich	I1149	
InstantBlue Coomassie Protein Stain	Expedeon	ISB1L	
Laemmli 2x	Bio-Rad	1610737	
Nonidet P-40	Fluka	56741	
Peroxidase AffiniPure Goat AntiMouse IgG (H+L)	Jackson ImmunoResearch	115-035-003	
Phalloidin-tetramethylrhodamine conjugate	Santa-cruz	sc-362065	
Protease Inhibitor	Sigma-Aldrich	S8830-20TAB	
Sodium Chloride	Scharlau	SO0227	
Sodium Dodecyl Sulfate	Sigma-Aldrich	L3771	
Sodium Fluoride	Sigma-Aldrich	S7920-100G	
Sodium pyrophosphate	Sigma-Aldrich	S6422-100G	
SpeedVac Vacuum Concentrator	ThermoFisher		
Trans-Blot SD Semi-Dry Transfer cell	Bio-Rad	1703940	