

Materials List for

Purification of Ubiquitinated p53 Proteins from Mammalian Cells

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jove.com/video/63602

Materials

Name	Company	Catalog Number	Comments
β-mercaptoethanol	Sangon Biotech	M6250	
Amersham ECL Mouse IgG, HRP-linked whole Ab (from sheep)	GE healthcare	NA931	Secondary antibody
Amersham ECL Rat IgG, HRP-linked whole Ab (from donkey)	GE healthcare	NA935	Secondary antibody
Anti-Flag M2 Affinity Gel	Sigma-Aldrich	A2220	FLAG/M2 beads
Anti-GFP monoclonal antibody	Santa cruz	sc-9996	Primary antibody
Anti-HA High Affinity	Roche	11867423001	Primary antibody
Anti-Mdm2 monoclonal antibody (SMP14)	Santa cruz	sc-965	Primary antibody
Anti-p53 monoclonal antibody (DO-1)	Santa cruz	sc-126	Primary antibody
EDTA	Sigma-Aldrich	E5134	solvent
Fetal Bovine Serum	VivaCell	C04001-500	FBS
FLAG Peptide	Sigma-Aldrich	F3290	Prepare elution buffer
GlutaMAX	Gibco	35050-061	supplement
Guanidine-HCl	Sangon Biotech	A100287-0500	solvent
H1299	Stem Cell Bank, Chinese Academy of Sciences		
Image Lab	Bio-rad		software
Imidazole	Sangon Biotech	A500529-0100	solvent
Immobilon Western Chemiluminescent HRP Substrate	Millipore	WBKLS0500	
Lipofectamine 2000 reagents	Invitrogen	11668019	Transfection reagent
MG132	MedChemExpress	HY-13259	Proteasome inhibitor
Na2HPO4	Sangon Biotech	A501727-0500	solvent
NaCl	Sangon Biotech	A610476-0005	solvent
NaF	Sigma-Aldrich	201154	solvent
NaH2PO4	Sangon Biotech	A501726-0500	solvent
Ni-NTA Agarose	QIAGEN	30230	nickel-charged resin

Nitrocellulose Blotting membrane	GE healthcare	10600002	0.45 µm pore size
Opti-MEM reduced serum medium	Gibco	31985-070	Transfection medium
PBS	Corning	21-040-cv	
Penicillin-Streptomycin Solution	Sangon Biotech	E607011-0100	antibiotic
Protease inhibitor cocktail	Sigma-Aldrich	P8340	
RPMI 1640	Biological Industries	01-100-1ACS	medium
Sarkosyl	Sigma-Aldrich	L5777	solvent
SDS Loading Buffer	Beyotime	P0015L	
Sodium Pyruvate	Gibco	11360-070	supplement
Tris-base	Sangon Biotech	A501492-0005	solvent
Tris-HCl	Sangon Biotech	A610103-0250	solvent
Triton X-100	Sangon Biotech	A110694-0500	reagent
Tween-20	Sangon Biotech	A100777-0500	supplement
Ultra High Sensitive Chemiluminescence Imaging System	Bio-rad		ChemiDoc XRS+
Urea	Sangon Biotech	A510907-0500	solvent