

Materials List for:

Characterization of Multi-subunit Protein Complexes of Human MxA Using Non-denaturing Polyacrylamide Gel-electrophoresis

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Materials

Name	Company	Catalog Number	Comments
Slide-A-Lyzer MINI Dialysis Units, 10K MWCO, 0.5 ml	Thermo Fisher Scientific	69570	Pre-equilibrate in dialysis buffer (if Glycerol removal is desired) Can be self-made according to Fiala et al. 2011
4–15% Mini-PROTEAN TGX Precast Protein Gels, 10-well,	Bio-Rad	456-1083	Pre-run in running buffer to adjust buffer system
cOmplete, Mini, EDTA-free	Roche	11836170001	use 1 tablet per 50 ml
PBS, pH 7.4 bottle a 500 ml Gibco	Thermo Fisher Scientific	14190-094	
Ponceau S solution	Sigma-Aldrich	P7170	TOXIC wear gloves and protect eyes
NativeMark Unstained Protein Standard 50 µl	Invitrogen	P/N 57030	load 5 µl/well
A549 cells	ATCC	ATCC CCL185	Grow in growth medium (see Table 1)
Vero cells	ATCC	ATCC CCL81	Grow in growth medium (see Table 1)
anti-Mx1 antibody	Novus Biologicals	H00004599_D01P	Use at a 1:1,000 dilution
ECL Anti-rabbit IgG, Horseradish Peroxidase linked whole antibody (from donkey)	GE-Healthcare	NA934V	Use at a 1:10,000 dilution
0.5% Trypsin-EDTA (1x) Life Technologies	Thermo Fisher	15400-054	
Iodoacetamide 5 g	Sigma-Aldrich	I-6125	stock 100 mM
Bromphenolblue	Sigma-Aldrich	B0126-25G	
DMEM +4.5g/l Gluc,+L-Glut, +Pyruvate life technologies	Thermo Fisher Scientific	41966-029	
Pen Strep 100 x 100ml life technologies	Thermo Fisher Scientific	15140 - 130	
Glutamax 100x Stock, 100 ml life technologies	Thermo Fisher Scientific	350500-038	
Fetal Bovine Serum, Dialyzed , US Origin 500 ml Gibco Lot:42G9552K	Thermo Fisher Scientific	10270-106	
Cellulose filter paper	Bio-Rad	1703965	
PVDF blotting membrane	GE-Healthcare	10600022	
Tris(hydroxymethyl)aminomethane	Biosolve	0020092391BS	
sodium fluoride (NaF)	Sigma Aldrich	S-7920	
NP-40	Calbiochem	492015	
cOmplete, Mini, EDTA-free	Roche	11836170001	

Tween 20	Calbiochem	6555204	
CHAPS 10% solution	Amresco	N907	
DL-Dithiothreitol (DTT)	Sigma Aldrich	43819	
Glycine	Biosolve	0007132391BS	
sodium orthovanadate (Na_3VO_4)	Sigma Aldrich	450243	
Glycerol	Sigma Aldrich	G7757	
β -Glycerophosphate	Sigma Aldrich	G9422	
Milk powder	Migros/Switzerland		
Methanol	Millipore	1.06009	
sodium chloride (NaCl)	Sigma Aldrich	71380	
magnesium chloride (MgCl_2)	Amresco	288	
Sodium dodecyl sulphate (SDS)	Sigma Aldrich	L4509	
sodium hydroxide (NaOH)	Sigma Aldrich	S-8045	