

Materials List for:

# Electrophoretic Mobility Shift Assay (EMSA) for the Study of RNA-Protein Interactions: The IRE/IRP Example

Carine Fillebeen<sup>1,2</sup>, Nicole Wilkinson<sup>1,2</sup>, Kostas Pantopoulos<sup>1,2</sup>

<sup>1</sup>Lady Davis Institute for Medical Research, Jewish General Hospital

<sup>2</sup>Department of Medicine, McGill University

Correspondence to: Kostas Pantopoulos at [kostas.pantopoulos@mcgill.ca](mailto:kostas.pantopoulos@mcgill.ca)

URL: <https://www.jove.com/video/52230>

DOI: [doi:10.3791/52230](https://doi.org/10.3791/52230)

## Materials

Name	Company	Catalog Number	Comments
leupeptin	SIGMA	L2884	
PMSF	SIGMA	78830	
BioRad Protein Assay	BIORAD	500-0006	
T7 RNA polymerase	Thermoscientific	EPO111	
RNase Inhibitor	Invitrogen	15518-012	
UTP [ $\alpha$ - <sup>32</sup> P]	Perkin-Elmer	NEG507H	
Scintillation liquid	Beckman Coulter	141349	
heparin	SIGMA	H0777	
Rnase T1	Thermoscientific	EN0541	
Name of the Equipment			
Tissue Ruptor	Qiagen	9001271	
Scintillation counter	Beckman Coulter	LS6500	
Protean II xi Cell	BIORAD	165-1834	
20 wells combs	BIORAD	165-1868	1.5 mm thick
1.5 mm spacers	BIORAD	165-1849	
PowerPac	BIORAD	164-5070	