

Materials List for:

Isolation of Cognate RNA-protein Complexes from Cells Using Oligonucleotide-directed Elution

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Materials

Name	Company	Catalog Number	Comments
Dynabeads Protein A	Invitrogen	10002D	
Dynabeads Protein G	Invitrogen	10004D	
Anti-FLAG antibody	Sigma	F3165	
Anti-FLAG antibody	Sigma	F7425	
Anti-RHA antibody	Vaxron	PA-001	
TRizol LS reagent	Life technology	10296-028	
RNase H	Ambion	AM2292	
Chloroform	Fisher Scientific	BP1145-1	
Isopropanol	Fisher Scientific	BP26184	
RNaeasy clean-up column	Qiagen	74204	
Omniscript reverse transcriptase	Qiagen	205113	
RNase Out	Invitrogen	10777-019	
Protease inhibitor cocktail	Roche	5056489001	
Triton X-100	Sigma	X100	
NP-40	Sigma	98379	
Glycerol	Fisher Scientific	17904	
Random hexamer primers	Invitrogen	N8080127	
Oligo-dT primers	Invitrogen	AM5730G	
PCR primers	IDT		Gene specific primers for PCR amplification
Oligonucleotide for RNase H mediated cleavage	IDT		Anti-sense primer for target RNA
Trypsin	Gibco Life technology	25300-054	
DMEM tissue culture medium	Gibco Life technology	11965-092	
Fetal bovine serum	Gibco Life technology	10082-147	
Tris base	Fisher Scientific	BP152-5	
Sodium chloride	Fisher Scientific	S642-212	
Magnesium chloride	Fisher Scientific	BP214	
DTT	Fisher Scientific	R0862	
Sucrose	Fisher Scientific	BP220-212	
Nitrocellulose membrane	Bio-Rad	1620112	

Magnetic stand			1.7 ml micro-centrifuge tube holding
Laminar hood			For animal tissue culture
CO ₂ incubator			For animal tissue culture
Protein gel apparatus			Protein sample separation
Protein transfer apparatus			Protein sample transfer
Ready to use protein gels (4-15%)			Protein sample separation
Table top centrifuge			Pellet down the sample
Table top rotator			Mix the sample end to end
Vortex			Mix the samples