

Materials List for:

Biotin-based Pulldown Assay to Validate mRNA Targets of Cellular miRNAs

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Materials

Name	Company	Catalog Number	Comments
Cell line- HEK293T cells	ATCC	CRL-3216	
Heat-inactivated Fetal bovine serum (Hi-FBS)	GIBCO/Thermofisher	10438-026	
Dulbecco's modified Eagle's medium (DMEM)	GIBCO/Thermofisher	11995-065	
Phosphate buffered saline (PBS) (1x)	GIBCO/Thermofisher	20012-027	
Trypsin-EDTA (0.25%)	GIBCO/Thermofisher	25200-056	
Penicillin-Streptomycin solution (100x)	Cellgro/Mediatech	30-002-CI	
DNase	Ambion	AM2238	
Opti-MEM Reduced serum media	GIBCO/Thermofisher	3198-088	
Lipofectamine 2000 Transfection reagent	Invitrogen/ Thermofisher	11668-019	
Biotinylated hsa-miR-125b	Exiqon	339178/ID-27281622	
Biotinylated scrambled control	Exiqon	479997-671/ID-714884	
IGEPAL	Sigma-Aldrich	18896	
Streptavidin Magnetic beads	Pierce	88816	
Yeast tRNA	Invitrogen/Thermofisher	15401-011	
Bovine Serum Albumin (BSA)	Sigma-Aldrich	A2153	
Potassium chloride (KCl) solution	Sigma-Aldrich	60142	
Magnesium chloride (MgCl ₂) solution	Sigma-Aldrich	M1028	
Sodium hydroxide (NaOH)	Sigma-Aldrich	795429	
Ethylenediamine tetraacetic acid, disodium salt (EDTA) solution, 0.5 M, pH 8.0	Sigma-Aldrich	E7889	
Dithiothreitol (DTT)	Sigma-Aldrich	43815	
Superase	Ambion/Thermofisher	AM2694	
Protease Inhibitor cocktail	Sigma-Aldrich	P8340	
RNAse/DNase free water	GIBCO/Thermofisher	10977-015	
RNeasy extraction kit	Qiagen	74104	
iScript-Select cDNA synthesis kit	Biorad	170-8897	
qPCR Primers	Invitrogen/Thermofisher		
iTaq-Universal SYBR green supermix	Biorad	172-5120	

DynaMag-Spin Magnet	Invitrogen/Thermofisher	12320D	
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