

Materials List for

# The Ago2-miRNA-co-IP Assay to Study TGF- $\beta$ 1 Mediated Recruitment of miRNA to the RISC in CFBE Cells

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jove.com/video/61571

## Materials

Name	Company	Catalog Number	Comments
100 mM dNTPs (with dTTPs)	Applied Biosystems	4366596	
10x Reverse Transcription Buffer (RT Buffer)	Applied Biosystems	4366596	
2-propanol	Fisher BioReagents	BP2618-1	
2x Laemmli Sample Buffer	Bio-Rad	1610737	
7300 Real Time PCR System	Applied Biosystems	4345240	
Anti-Ago2 antibody (anti-EIF2C2), mouse monoclonal against human Ago2	Medical & Biological Laboratories Co. Ltd	RN003M	
Bovine Albumin Fraction V (7.5% solution)	Thermo Scientific	15260037	
Collagen I (Purecol-Type I Bovine collagen solution)	Advanced Biometrix	50005-100mL	
DL-Dithiothreitol (DTT)	Sigma	646563-.5ML	
DTT	Sigma-Aldrich	646563	
Ethanol	Deacon Laboratories	64175	
Fetal Bovine Serum	ATLANTA Biologicals	S10350	
Goat Anti-Mouse IgG	Bio-Rad	1706516	
L-glutamine (200 mM Solution; 29.20 mg/mL)	Corning	25-005-CI	
Mini cell scrapers United Biosystems	Thermo Fisher	MCS-200	
Minimal Essential Medium	Thermo Fisher Scientific	11095-080	
miRNA specific stem looped RT primers	Applied Biosystems	4427975	
Mouse IgG2 control	Dako, Glostrup, Denmark	A0424	
MultiScribe Reverse Transcriptase, 50 U/ $\mu$ L	Applied Biosystems	4366596	
Nano Drop ND-1000 Spectrophotometer	NanoDrop Technologies, Inc.	E112352	

Nuclease-free water	Ambion	AM9937	
Opti-MEM (1x) Reduced Serum Medium	Gibco by Life Technologies	11058-021	
PBS	Gibco	14190250	
Penicillin-streptomycin, Sterile	Sigma-Aldrich	P0781	
Pierce Protease Inhibitor Tablets, EDTA-Free	Thermo Scientific	A32955	
Protein G agarose beads (Pierce Protein G Plus Agarose)	Thermo Scientific	22851	
Puromycin	InvivoGen	ant-pr-1	
RiboCluster Profiler RIP-Assay Kit for microRNA	Medical & Biological Laboratories Co. Ltd	RN1005	
RNase Inhibitor, 20 U/ $\mu$ L	Applied Biosystems	4366596	
TaqMan 2x Universal PCR master mix without AmpErase UNG	Applied Biosystems	4427975	
TaqMan miRNA single tube Assay (20x) containing miRNA specific forward/reverse primers and probe	Applied Biosystems	4427975 (assay ID #002278, #002146, and #000477)	
TGF-beta1	Sigma	T1654	
Transwell filters (24 mm)	Corning Life Sciences Plastic	3412	
Veriti 96 Well Thermal Cycler (Model:9902)	Applied Biosystems	4375786	