

Materials List for:

Systems Biology of Metabolic Regulation by Estrogen Receptor Signaling in Breast Cancer

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Materials

Name	Company	Catalog Number	Comments
Triglyceride Mix	Sigma	17810-1AMP-S	
Oleic acid	Sigma	O1257-10MG	Oleic Acid-Water Soluble powder
TRIzol Reagent	Life technologies	15596-026	
Dynabeads Protein A	Life technologies	10006D	
Dynabeads Protein G	Life technologies	10007D	
QIAquick PCR Purification Kit	QIAGEN	28106	DNA isolation of input sample
ZYMO CHIP-DNA Isolation kit	Zymo Research	D5205	CHIP DNA Clean & Concentrator
Quant-iT [®] PicoGreen [™] dsDNA Assay Kit	Invitrogen	P7589	DNA Quantitation
RNase-Free DNase Set	QIAGEN	79254	RNA purification
DEPC Treated Water	LIFE TECH	462224	Dnase/Rnase Free
Model 120 Sonic Dismembrator	Fisher Scientific	FB120110	With 1/8 probe
Fisher Scientific Sound Enclosure	Fisher Scientific	FB-432-A	For sound reduction
Eppendorf Tubes 5.0 ml	Eppendorf	0030 119.401	200 tubes (2 bags of 100 ea.)
Random Primer Mix	NEB	S1330S	
DNTP MIX	NEB	N0447S	
M-MuLV Reverse Transcriptase	NEB	M0253S	
FastStart SYBR Green Master	ROCHE	4673484001	
Agarose	Fisher	BP160100	1.5% agarose gel
Qubit RNA HS Assay Kit	Life technologies	Q32852	RNA quantification (100 assays)
Formaldehyde	Sigma	F8775	
Protease Inhibitor tablets	Roche	4693116001	Each tablet is sufficient for 10 ml lysis buffer
PhosSTOP Phosphatase Inhibitor Cocktail Tablets	Roche	4906845001	Each tablet is sufficient for 10 ml lysis buffer
Qubit Assay Kits	Life technologies	Q32850	For 100 assays
Automated cell counter	ORFLO	MXZ000	
tube Rotator	VWR	10136-084	
Victor X5 Multiple plate reader	PerkinElmer	2030-0050	
Microcentrifuge 5417R	Eppendorf	22621807	
Magnetic Stand	Diagenode	B04000001	
Fast Real-time PCR system	Applied Science	4351405	