

Materials List for:

# Reconstitution Of $\beta$ -catenin Degradation In *Xenopus* Egg Extract

Tony W. Chen<sup>\*1</sup>, Matthew R. Broadus<sup>\*1</sup>, Stacey S. Huppert<sup>2</sup>, Ethan Lee<sup>1,3</sup>

<sup>1</sup>Department of Cell and Developmental Biology and Program in Developmental Biology, Vanderbilt University Medical Center

<sup>2</sup>Division of Gastroenterology, Hepatology & Nutrition and Division of Developmental Biology, Cincinnati Children's Hospital Medical Center

<sup>3</sup>Vanderbilt Ingram Cancer Center, Vanderbilt University School of Medicine

\*These authors contributed equally


Correspondence to: Ethan Lee at [ethan.lee@vanderbilt.edu](mailto:ethan.lee@vanderbilt.edu)

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## Materials

Name	Company	Catalog Number	Comments
Pregnant mare serum gonadotropin (PMSG)	ProSpec	hor-272-A	Reconstituted with distilled water before use.
Human chorionic gonadotropin	Sigma	CG10-10VL	
Potassium chloride	Fisher	BP366-1	
Sodium chloride	Research Products International	S23020-5000.0	
Magnesium chloride	Fisher	BP214-500	
Calcium chloride	Acros Organics	AC42352-5000	
HEPES	Fisher	BP310-1	
Cysteine	Acros Organics	AC17360-1000	
Leupeptin	Sigma	L2884-10MG	
Aprotinin	Sigma	A1153-10MG	
Pepstatin	Sigma	P4265-5MG	
Cytochalasin B	Sigma	C8273-10MG	
3 ml syringe: Luer Lock tip	Becton Dickinson	309657	
27 G needle	Becton Dickinson	305109	
96 well solid white polystyrene microplate, round bottomed	Corning	3605	
Steady-Glo luciferase assay system	Promega	E2520	Store long-term at -80 °C, can store for up to 1 month at -20 °C
TNT Sp6 coupled reticulocyte lysate system	Promega	 L4600	
TNT Sp6 high-yield wheat germ protein expression system	Promega	 L3260	Generally higher yield than reticulocyte lysate
EasyTag Express protein labeling mix [S35]	Perkin Elmer	NEG772007MC	
Creatine phosphate	Sigma	27920-5G	
ATP	Sigma	A2383-5G	
Creatine phosphokinase	Sigma	C3755-35KU	
Dimethyl sulfoxide (DMSO)	Sigma	D8418-50ML	
Dual-Glo luciferase assay system	Promega	E2920	Same storage conditions as Steady-Glo
50 ml Centrifuge tubes	Fisher Scientific	0556214D	
Sorvall SS-34 fixed angle rotor	Thermo Scientific	28020	
115 V 50/60 Hz Minicentrifuge	Fisher Scientific	05-090-128	
mMessage mMachine Sp6 kit	Ambion	AM1340	

Anti-firefly luciferase antibody	Abcam	 <a href="#">ab16466</a>	
Anti-GSK3 antibody	BD Transduction Laboratories	610201	
FLUOStar Optima	BMG Labtech		
Sorvall RC-6 Plus centrifuge	Thermo Scientific		
16 °C Incubator	Percival Scientific		