

Materials List for:

***In vitro* Transcription and Capping of *Gaussia* Luciferase mRNA Followed by HeLa Cell Transfection**

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URL: <https://www.jove.com/video/3702>

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Materials

Name	Company	Catalog Number	Comments
T7 High Yield RNA Synthesis Kit	New England Biolabs	E2040S	
3'-0-Me-m ⁷ G(5')ppp(5')G RNA Cap Structure Analog	New England Biolabs	S1411S	
DNase I (RNase-free)	New England Biolabs	M0303S	
Vaccinia Capping System	New England Biolabs	M2080S	
MEGAclear Kit	Ambion	AM1908	
NanoDrop Spectrophotometer	Thermo Fisher Scientific, Inc.		
Agilent RNA 6000 Nano Kit	Agilent Technologies	5067-1511	
Agilent 2100 Bioanalyzer	Agilent Technologies	G2939AA	
<i>TransIT</i> mRNA Transfection Kit	Mirus Bio LLC	MIR2250	
HyClone* Classical Liquid Media: Dulbecco's Modified Eagle's Medium, High Glucose	Thermo Fisher Scientific, Inc.	SH30285.01	
HyClone Non-essential Amino Acids	Thermo Fisher Scientific, Inc.	SH30238.01	
Centro LB 960	Berthold Technologies		
BioLux <i>Gaussia</i> Luciferase Assay Kit	New England Biolabs	E3300S	
BioLux <i>Cypridina</i> Luciferase Assay Kit	New England Biolabs	E3309S	
RNase Inhibitor, Murine	New England Biolabs	M0314	
RNase Inhibitor, Human Placenta	New England Biolabs	M0307	
pCMV-GLuc Control Plasmid	New England Biolabs	N8081	