

Materials List for:

# A Calcium Bioluminescence Assay for Functional Analysis of Mosquito (*Aedes aegypti*) and Tick (*Rhipicephalus microplus*) G Protein-coupled Receptors

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URL: <https://www.jove.com/video/2732>

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## Materials

Name	Company	Catalog Number	Comments
DMEM	Invitrogen	ABCD1234	
CHO-K1 cells	ATCC	CCL-61	Manassas, VA, USA
F12K medium	Invitrogen	21127	
Fetal Bovine Serum	Sigma-Aldrich	F0643	
Trypsin-EDTA (10x)	Invitrogen	15400	
Antibiotic-Antimycotic	Invitrogen	15240	
Opti-MEM I Reduced Serum Medium	Invitrogen	31985	
Lipofectin Reagent	Invitrogen	18292-011	
GENETICIN	Invitrogen	10131035	
MC1061/P3 Ultracomp	Invitrogen	C663-03	
QIAprep spin miniprep kit	Qiagen	19064	
FuGENE 6 Transfection reagent	Roche Group	11 814 443 001	
96-well white thin bottom microtiter plate	Costar	3610	
calcium-free DMEM media	Invitrogen	21068	
C-lenterazine	Invitrogen	C-2944	
Bright-Line Hemacytometer	Hausser Scientific		Horsham, PA
NOVOstar	BMG Labtechnologies		
Prism software 4.0	GraphPad Software Inc.		San Diego, CA, USA
T-25 and T-75 Flasks	BD Biosciences	353014 and 353135	