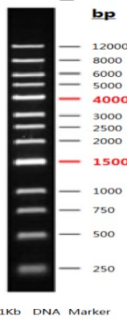


Certificate of Analysis			
Vector Name	pGL4.44[luc2P/AP1RE/Hygro]	Catalog No.	V011506
Project/Lot No.	G0394498-1/ KLG51155	Strain	Top10
Quantity	100ug	Resistance	Ampicillin
QC Results			
Test Items	Specifications	Results	
Insert Sequence	Insert sequence results consistent with target	Pass	
Vector Sequence	Flanking sequence consistent with expected	Pass	
ORF Across Junction	Correct and consistent with target	N/A	
Restriction Digest	Expected fragment sizes observed	Pass	
PCR Amplification	Correct without non - specific bands	Pass	
DNA Quantity/Quality	Concentration (n/a if lyophilized)	N/A	
Genomic DNA	Purity (A 260/A280 = 1.8 - 2.0)	Pass	
Restriction Analysis	Matrix	TE (lyophilized)	
Endotoxin Test	Verified, <0.1 EU/μg (Endo-Free Preps Only)	N/A	
Appearance	Clear, no visible particles	Pass	
Label	Correct and white	Pass	
Comments	-	-	
Restriction Digestion Map			
	1	2	M
 bp 12000 8000 6000 5000 4000 3000 2500 2000 1500 1000 750 500 250 1Kb DNA Marker	Lane 1: Plasmid Lane 2: Plasmid Digested with NotI-HindIII (1254/4798 bp in theory) Lane M: DNA Marker		

Certified by: Chou Fang
Date: Dec/12/2025
Valid until: Dec/12/2028

