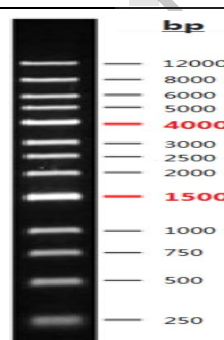
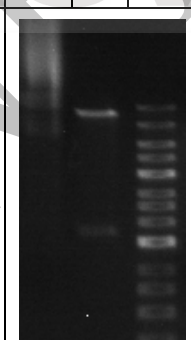


CERTIFICATE OF ANALYSIS

Gene Name	pGWB655 (Cat.#V005705)	Order No.	G0209326-1
Lot No.	V23890	Vector Resistance	Spectinomycin
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	Actual yield (by A 260)	5μg/5μg	
	Concentration (n/a if lyophilized)	N/A	
	Purity (A 260/A280 = 1.8 - 2.0)	Pass	
	# of Tubes	2	
	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
 <p>1Kb DNA Marker</p>		<p>Lane 1: Plasmid</p> <p>Lane 2: Plasmid Digested with SmaI</p> <p>Lane M: DNA Marker</p>	

Certified by: Chou Fang


Date: Dec/26/2023

Valid until: Dec/26/2026