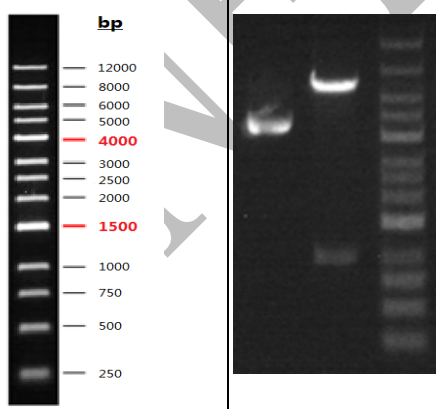


Certificate of Analysis			
Vector Name	pGD-p19	Catalog No.	V017557
Project/Lot No.	G0377918-1/MF45180	Strain	Top10
Quantity	10ug	Resistance	Kanamycin
QC Results			
Test Items	Specifications	Results	
Appearance	Clear, no visible particles	Pass	
Concentration	On request, default	Pass	
A260/280	1.8 - 2.0	Pass	
A260/230	>2.0	Pass	
Supercoiled content	No request	N/A	
Residual RNA	Not visible upon electrophoresis	Pass	
Genomic DNA	Not visible upon electrophoresis	Pass	
Restriction Analysis	Conforms to reference	Pass	
Bioburden assay	No growth on agar plate after 24 hours	N/A	
Endotoxin Test	Verified, (Endo-Free Preps Only)	N/A	
Label	Correct and white	Pass	
Sequencing	Correct	Pass	
Comments	-	-	
Restriction Digestion Map			
	1	2	M
	Lane 1: Plasmid DNA Lane 2: Plasmid digested by SmaI-MluI (1039/6688 bp in theory) Lane M: DNA Marker		

Certified by: Chou Fang
Date: Aug/15/2025
Valid until: Aug/15/2028

