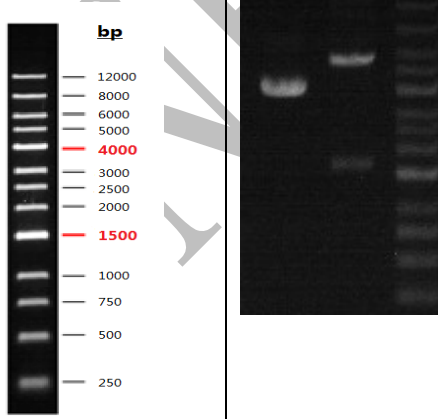


CERTIFICATE OF ANALYSIS			
Vector Name	pMA5	Catalog No.	V013300
Project/Lot No.	G0336068-1/E95291	Strain	DH5a
Quantity	100ug	Resistance	Ampicillin
QC Results			
Test Items	Specifications	Results	
Appearance	Clear, no visible particles	Pass	
Concentration	On request, default	Pass	
A260/280	1.8 - 2.0	Pass	
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
 <p>bp</p> <p>12000 8000 6000 5000 4000 3000 2500 2000 1500 1000 750 500 250</p>	<p>Lane 1: Plasmid DNA</p> <p>Lane 2: Plasmid digested by Apal-EcoRI (5,484 bp+ 1,720 bp in theory)</p> <p>Lane M: DNA Marker</p>		

Certified by: Chou Fang
Date: October 6, 2024
Valid until: October 6, 2026
