

Vector Name pCAMBIA1304 Catalog No. V008762 Project/Lot No. G0354741-2/E20059 Strain DH10B Quantity 100ug Resistance Ampicillin CC 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 Endotxin Test Verified, (Endo-Free Preps Only) N/A Label Correct and white Pass Comments					
Project/Lot No. G0354741-2/E20059 Strain DH10B 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	CERTIFICATE OF ANALYSIS				
QC Results Test Items Specifications Results Appearance Clear, no visible particles Pass Concentration On request, default Pass A260/280 1.8 - 2.0 Pass Supercoiled content No request 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 Correct Pass Restriction Digestion Map Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Vector Name	pCAMBIA1304	Catalog No.	V008762	
Test Items Specifications Results Appearance Clear, no visible particles Concentration On request, default Pass A260/280 1.8 - 2.0 Pass Supercoiled content No request 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 Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Project/Lot No.	G0354741-2/E20059	Strain	DH10B	
Test Items Appearance Clear, no visible particles Pass Concentration On request, default Pass A260/280 1.8 - 2.0 Pass Supercoiled content No request Nor equest Nor 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 Comments Restriction Digestion Map Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Quantity	100ug	Resistance	Ampicillin	
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 Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	QC Results				
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 Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Test Items	Specifications		Results	
A260/280	Appearance	Clear, no visible particles		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 Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Concentration	On request, default Pass			
Supercoiled content Residual RNA Not visible upon electrophoresis Genomic DNA Restriction Analysis Restriction Analysis 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 The sector of the pass Comments Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	A260/280	1.8 - 2.0	1.8 - 2.0		
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 Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	A260/230	>2.0	>2.0		
Restriction Analysis 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 Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Supercoiled content	No request	No request		
Restriction Analysis 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 Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Residual RNA	Not visible upon electrophoresis		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 Restriction Digestion Map Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Genomic DNA	Not visible upon electrophoresis		Pass	
Endotoxin Test Verified, (Endo-Free Preps Only) Label Correct and white Pass Sequencing Correct Restriction Digestion Map Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Restriction Analysis	Conforms to reference		Pass	
Label Correct and white Pass Sequencing Correct Pass Comments	Bioburden assay	No growth on agar plate after 24 hours		N/A	
Sequencing Comments - Restriction Digestion Map 1 2 M Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Endotoxin Test	Verified, (Endo-Free Preps Only)		N/A	
Restriction Digestion Map 1 2 M Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Label	Correct and white		Pass	
Restriction Digestion Map 1 2 M Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Sequencing	Correct		Pass	
1 2 M Lane 1: Plasmid DNA Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Comments	-			
Lane 1: Plasmid DNA	Restriction Digestion Map				
Lane 2: Plasmid digested by EcoRI-SnaBI (1928/10433 bp in theory)	Lane 1: Plasmid DNA				
Lane M: DNA Marker - 750 - 500 - 250					

Certified by: Chou Fang Date: Mar/03/2025 Valid until: Mar/03/2027

