



ConcentrationOn request, defaultPassA260/2801.8 - 2.0PassA260/230>2.0PassSupercoiled contentNo requestN/AResidual RNANot visible upon electrophoresisPassGenomic DNANot visible upon electrophoresisPassRestriction AnalysisConforms to referencePassBioburden assayNo growth on agar plate after 24 hoursN/ALabelCorrect and whitePass	Vector Name	pET-28a(+)	Catalog No.	V011005
Quantity 100ug Resistance Kanamycin QC Results 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 Pass Comments - - 1 2 M Lane 1: Plasmid DNA Lane 1: Plasmid DNA Lane 2: Plasmid digested by Apal-Xhol (4,193 bp+1,176 bp in theory)	Project/Lot No.	-	-	DH10B
Test ItemsSpecificationsResultsAppearanceClear, no visible particlesPassConcentrationOn request, defaultPassA260/2801.8 - 2.0PassA260/230>2.0PassSupercoiled contentNo requestN/AResidual RNANot visible upon electrophoresisPassGenomic DNANot visible upon electrophoresisPassGenomic DNANot visible upon electrophoresisPassBioburden assayNo growth on agar plate after 24 hoursN/AEndotoxin TestVerified, (Endo-Free Preps Only)N/ALabelCorrect and whitePassSequencingCorrectPassComments12MImage: Source of the sourc	-	100ug	Resistance	Kanamycin
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 Pass Comments - - Restriction Digestion Map 1 2 M Image: Plass approximation of the store o		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 Pass Sequencing Correct Pass Comments - - 1 2 M Lane 1: Plasmid DNA Lane 2: Plasmid digested by Apal-Xhol (4,193 bp+1,176 bp in theory) 2000	Test Items	Sp	ecifications	Results
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 Pass Sequencing Correct Pass Comments - - 1 2 M Lane 1: Plasmid DNA Lane 1: Plasmid digested by Apal-Xhol (4,193 bp+1,176 bp in theory) 2500	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 - - 1 2 M Lane 1: Plasmid DNA Lane 2: Plasmid digested by Apal-Xhol (4,193 bp+1,176 bp in theory)	Concentration	On request, default	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 Apal-Xhol (4,193 bp+1,176 bp in theory) 2500	A260/280	1.8 - 2.0	Pass	
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 - - 1 2 M Lane 1: Plasmid DNA Lane 2: Plasmid digested by Apal-Xhol (4,193 bp+1,176 bp in theory) 25000	A260/230	>2.0	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 Pass Pass Restriction Digestion Map - Lane 1: Plasmid DNA Lane 1: Plasmid DNA Lane 2: Plasmid digested by Apal-Xhol (4,193 bp+1,176 bp in theory) Apal-Xhol	Supercoiled content	No request	N/A	
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 Label 1 2 Sequencing Lane 1: Plasmid DNA Label 12000 Baoo Second 40000 Correct Second 40000 Correct Second 40000 Correct Second Second Correct	Residual RNA	Not visible upon el	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 1 2 M Lane 1: Plasmid digested by Apal-Xhol (4,193 bp+1,176 bp in theory)	Genomic DNA	Not visible upon el	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 12000 Sooo Lane 2: Plasmid digested by Apal-Xhol (4,193 bp+1,176 bp in theory)	Restriction Analysis	Conforms to refere	Pass	
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 1: Plasmid DNA Lane 2: Plasmid digested by Apal-Xhol (4,193 bp+1,176 bp in theory)		No growth on agar	N/A	
Label Correct and white Pass Sequencing Correct Pass Comments - - Restriction Digestion Map - I I I M Image: Sequencing content of the second	Endotoxin Test		N/A	
Example - - 1 2 M Image: Strict conduction of the strict condu	Label		Pass	
Comments - - Restriction Digestion Map 1 2 M bp Lane 1: Plasmid DNA 12000 8000 6000 S000 6000 5000 4000 3000 2500 2500	Sequencing			
Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 Image: Page 12000 </td <th></th> <td colspan="3"></td>				
Lane 1: Plasmid DNA 12000 8000 6000 5000 4000 3000 25			Digestion Map	
$ \begin{array}{c}$			Lane 2: Plasmid digeste (4,193 bp+1,176 bp in tl	

Date: Apr/27/2024 Valid until: Apr/27/2026