



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)	<b>Restriction Analysis</b>	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