

Vector Name       pGADT7-T       Catalog No.       V012878         Project/Lot No.       G0337341-1 / X39056       Strain       top10         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         Bioburden assay       No growth on agar plate after 24 hours       N/A         Endotxoin Test       Verified, (Endo-Free Preps Only)       N/A         Label       Correct       Pass         Sequencing       Correct and white       Pass         Comments       L	CERTIFICATE OF ANALYSIS				
Project/Lot No. G0337341-1 / X39056 Strain top10  Quantity 100ug Resistance Ampicillin    QC Results   Specifications Results	Vector Name			V012878	
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 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  Lane 1: Plasmid DNA Lane 2: Plasmid digested by Mlul-Xhol (2219/7754 bp in theory) Lane M: DNA Marker		•			
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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 Mlul-Xhol (2219/7754 bp in theory)  Lane M: DNA Marker	Concentration	On request, default	On request, default		
Supercoiled content  Residual RNA  Not visible upon electrophoresis  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  Restriction Digestion Map  Lane 1: Plasmid DNA  Lane 2: Plasmid digested by Mlul-Xhol (2219/7754 bp in theory)  Lane M: DNA Marker	A260/280	1.8 - 2.0	Pass		
Residual RNA  Not visible upon electrophoresis  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  Restriction Digestion Map  Lane 1: Plasmid DNA  Lane 2: Plasmid digested by Mlul-Xhol (2219/7754 bp in theory)  Lane M: DNA Marker	A260/230	>2.0	Pass		
Genomic DNA  Not visible upon electrophoresis  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 Mlul-Xhol (2219/7754 bp in theory)  Lane M: DNA Marker	Supercoiled content	No request	N/A		
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  Comments  Restriction Digestion Map  Lane 1: Plasmid DNA  Lane 2: Plasmid digested by Mlul-Xhol (2219/7754 bp in theory)  Lane M: DNA Marker	Residual RNA	Not visible upon el	Pass		
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Label Correct and white Pass  Sequencing Correct Pass  Comments	Bioburden assay	No growth on agar	No growth on agar plate after 24 hours		
Sequencing Comments  Restriction Digestion Map  1 2 M  Lane 1: Plasmid DNA  Lane 2: Plasmid digested by Mlul-Xhol (2219/7754 bp in theory)  Lane M: DNA Marker	<b>Endotoxin Test</b>	Verified, (Endo-Free Preps Only)		N/A	
Restriction Digestion Map  1 2 M  Lane 1: Plasmid DNA  Lane 2: Plasmid digested by Mlul-Xhol (2219/7754 bp in theory)  Lane M: DNA Marker	Label	Correct and white	Correct and white		
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Lane 1: Plasmid DNA  Lane 2: Plasmid digested by Mlul-Xhol (2219/7754 bp in theory)  Lane M: DNA Marker	Restriction Digestion Map				
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Certified by: Chou Fang Date: Oct/14/2024 Valid until: Oct/14/2026

