

Certificate of Analysis

Project ID: U5992GA260-1
Lot No: U5992GA260-1/PL19843
Plasmid Name: pUC57 plasmid DNA
Quantity: 250 µg (50 µg each, 5 vials) **Concentration:** N/A
Final Volume: N/A **Final Buffer:** Lyophilized

QC Items	Specifications	Results	
Sequence Accuracy	Sequence verification of full gene insert.	N/A	N/A
Appearance	Colorless, clear, free of precipitate or foreign particles	Pass	Colorless, clear, free of precipitate or foreign particles
Identity	Co-migrates with reference DNA and/or size confirmed versus marker	Pass	Confirmed
Restriction Digests	Matches expected test	Pass	Matched
			Shown in attachment 1
OD260/OD280	1.8-2.0	Pass	1.91
Residual RNA	Not visible on agarose gel	Pass	Invisible
Genomic DNA	Not visible on agarose gel	Pass	Invisible
Endotoxin	<input type="checkbox"/> N/A	N/A	N/A
	<input checked="" type="checkbox"/> No QC testing requested		
Bio-Burden Assay	<input type="checkbox"/> Bio-Burden Assay	N/A	N/A
	<input checked="" type="checkbox"/> No QC testing requested		
Additional Test	N/A	N/A	

NOTE

Shipping at	Plasmid Storing at	Bacstab Storing at	Glycerol Stock Storing at
Room Temperature	-20 °C	4 °C	-20 °C/-80 °C

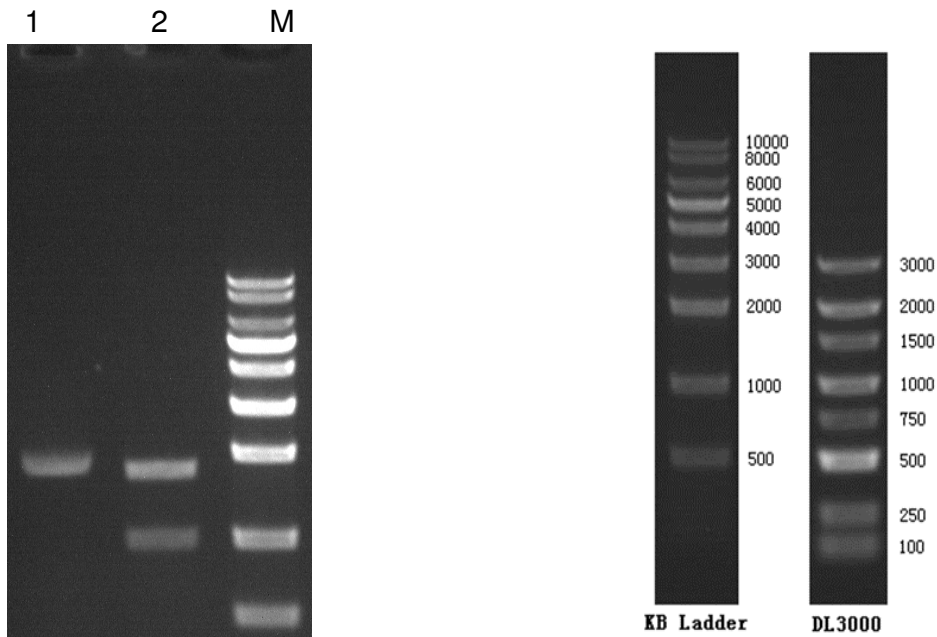
Certified by: *Miao Chen* **Date:** 01/30/2021

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860 Centennial Ave., Piscataway, NJ 08854, USA

Enzyme Digestion



Lane M: KB Ladder
 Lane 1:U5992GA260-1 plasmid
 Lane 2:U5992GA260-1 plasmid digested
 by ScaI and HindIII

Digestion Conditions:

About 300ng plasmid digested
 Digestion in water-bath,37°C for 40 minutes
 1% Agarose Gel