

Certificate of Analysis

Project ID: U6072FC250-1
Lot No.: U6072FC250-1/PD48364
Plasmid Name: pUC57 plasmid DNA
Quantity: 750 µg(0.05 mg each,15 vials) **Concentration:** N/A
Final Volume: N/A **Final Buffer:** Lyophilized

QC Items	Specifications	Results	
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	1.97
Residual RNA	Not visible on agarose gel	Pass	Invisible
Genomic DNA	Not visible on agarose gel	Pass	Invisible
Endotoxin	<input type="checkbox"/> ≤ 0.005 EU/µg <input checked="" type="checkbox"/> No QC testing requested	N/A	
Bio-Burden Assay	<input type="checkbox"/> Bio-Burden Assay <input checked="" type="checkbox"/> No QC testing requested	N/A	
Additional Test		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

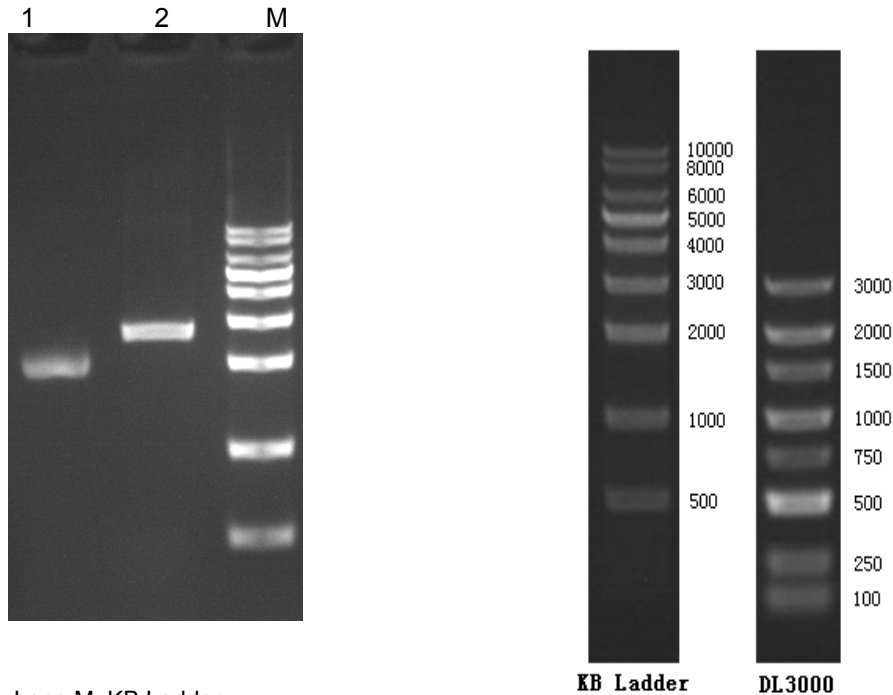
Certified *Felix Yu* Date: 2020/4/4

For research use only

860 Centennial Ave., Piscataway, NJ 08854, USA

Attachment 1

Enzyme Digestion



Lane M: KB Ladder
Lane 1: U6072FC250-1 plasmid
Lane 2: U6072FC250-1 plasmid digested
by AhdI

Digestion Conditions:

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

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