

# Certificate of Analysis

**Project ID:** U8065CD170-2  
**Lot No.:** U8065CD170S-2/G134529  
**Plasmid Name:** TP53 (R273H) pcDNA5/TO  
**Quantity:** 100 µg(0.1 mg each,1 vial) **Concentration:** 1 mg/mL  
**Final Volume:** 100 µl **Final Buffer:** TE

QC Items	Specifications	Results	
<b>Appearance</b>	Colorless, clear, free of precipitate or foreign particles	Pass	Colorless, clear, free of precipitate or foreign particles
<b>Identity</b>	Co-migrates with reference DNA and/or size confirmed versus marker	Pass	Confirmed
<b>Restriction Digests</b>	Matches expected test	Pass	Matched Shown in attachment 1
<b>OD260/OD280</b>	1.8-2.0	Pass	1.82
<b>Residual RNA</b>	Not visible on agarose gel	Pass	Invisible
<b>Genomic DNA</b>	Not visible on agarose gel	Pass	Invisible
<b>Endotoxin</b>	<input checked="" type="checkbox"/> ≤ 0.01 EU/µg <input type="checkbox"/> No QC testing requested	Pass	≤ 0.01 EU/µg
<b>Bio-Burden Assay</b>	<input checked="" type="checkbox"/> Bio-Burden Assay <input type="checkbox"/> No QC testing requested	Pass	No viable organism
<b>Additional Test</b>		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 *Morgan* Date: 2017/5/2

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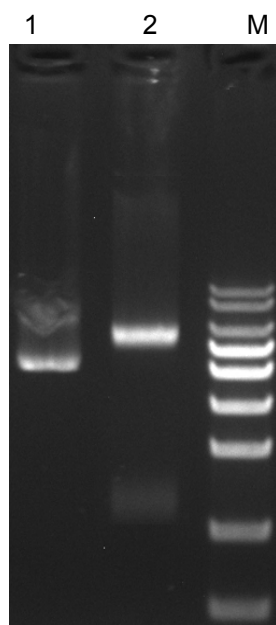
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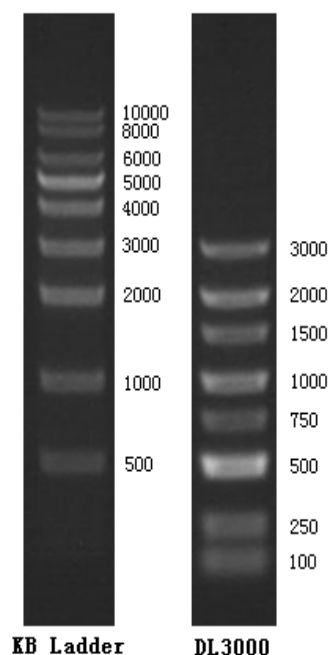
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Attachment 1

# Enzyme Digestion



Lane M: KB Ladder  
Lane 1: U8065CD170-2 plasmid  
Lane 2: U8065CD170-2 plasmid digested  
by BamHI and XhoI



## Digestion Conditions:

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

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