

# Certificate of Analysis

**Project ID:** U347TEJ100-1  
**Lot No.:** U347TEJ100-1/PD22159  
**Plasmid Name:** pGS-21a  
**Quantity:** 30 µg(0.01 mg each,3 vials) **Concentration:** N/A  
**Final Volume:** N/A **Final Buffer:** Lyophilized

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	1.94
<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 *Felix* Date: 2019/10/22

For research use only

860 Centennial Ave., Piscataway, NJ 08854, USA

Toll-Free: 1-877-436-7274

Tel: 1-732-885-9188

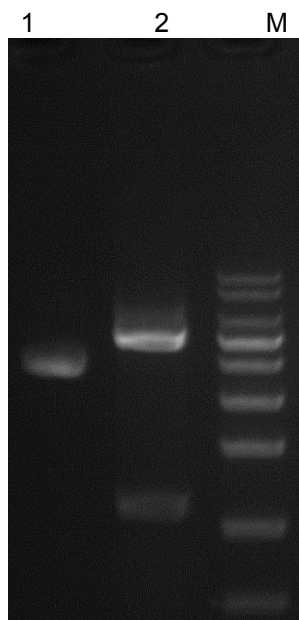
Fax: 1-732-210-0262

Email: [order@genscript.com](mailto:order@genscript.com)

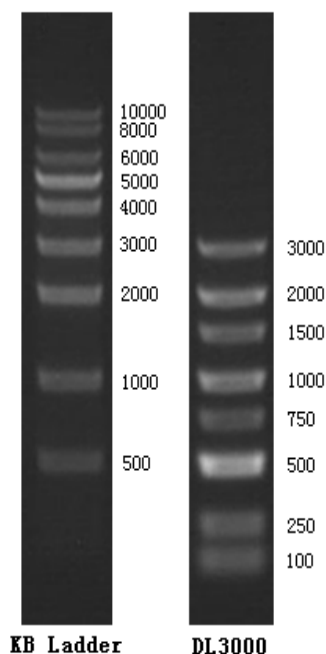
Web: [www.genscript.com](http://www.genscript.com)

Attachment 1

# Enzyme Digestion



Lane M: KB Ladder  
Lane 1: U347TEJ100-1 plasmid  
Lane 2: U347TEJ100-1 plasmid digested  
by PvuI and EcoRI



## Digestion Conditions:

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

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