
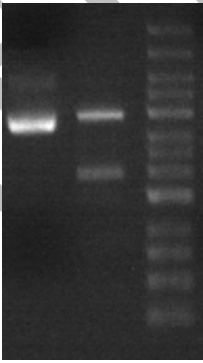


| CERTIFICATE OF ANALYSIS | | | | |
|---|---|------------------|---|--------------------|
| Vector Name | pMD2.G-Kan | Catalog No. | V013565 | |
| Project/Lot No. | G0339427-2/B39441 | Strain | Top10 | |
| Quantity | Top10 | Resistance | Kanamycin | |
| QC Results | | | | |
| Test Items | Specifications | Results | | |
| Insert Sequence | Insert sequence results consistent with target | Pass | | |
| Vector Sequence | Flanking sequence consistent with expected | Pass | | |
| ORF Across Junction | Correct and consistent with target | N/A | | |
| Restriction Digest | Expected fragment sizes observed | Pass | | |
| PCR Amplification | Correct without non - specific bands | Pass | | |
| DNA Quantity/Quality | Concentration (n/a if lyophilized) | N/A | | |
| | Purity (A 260/A280 = 1.8 - 2.0) | Pass | | |
| | Matrix | TE (lyophilized) | | |
| Endotoxin Test | Verified, <0.1 EU/μg (Endo-Free Preps Only) | N/A | | |
| Appearance | Clear, no visible particles | Pass | | |
| Label | Correct and white | Pass | | |
| Comments | - | - | | |
| Restriction Digestion Map | | | | |
| Marker | 1 | 2 | M | Description of Map |
|  <p>1Kb DNA Marker</p> |  | | <p>Lane 1: Plasmid</p> <p>Lane 2: Plasmid Digested with Apal-NotI (1916/3841 bp in theory)</p> <p>Lane M: DNA Marker</p> | |

Certified by: Chou Fang
Date: 11-1-2024
Valid until: 11-1-2026

