

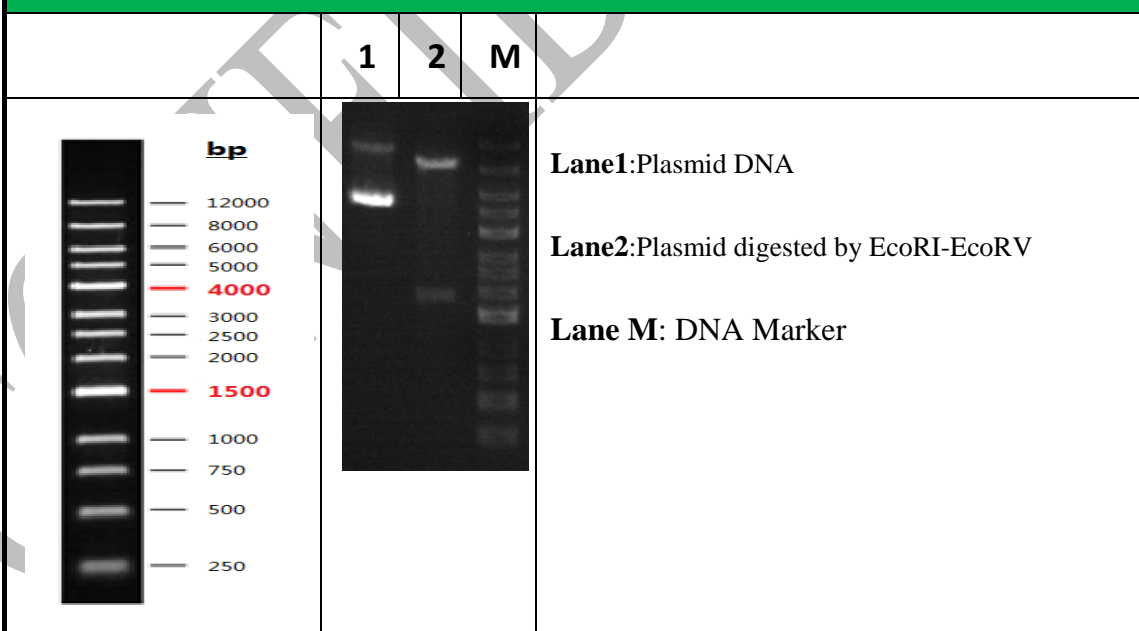
CERTIFICATE OF ANALYSIS

| | | | |
|------------------|----------------|----------------------|----------------|
| Gene Name | pAc-sgRNA-Cas9 | Order No. | G0238077-1 |
| Lot No. | D25098 | Strain | Stb13 |
| Quantity | 100ug | Quality grade | Research Grade |

QC Results

| Test Items | Specifications | Results |
|-----------------------------|--|---------|
| Appearance | Clear, no visible particles | Pass |
| Concentration | On request, default 1ug/uL | Pass |
| A260/280 | 1.8 - 2.0 | Pass |
| A260/230 | >2.0 | Pass |
| Supercoiled content | No request | N/A |
| Residual RNA | Not visible upon electrophoresis | Pass |
| Genomic DNA | Not visible upon electrophoresis | Pass |
| Restriction Analysis | Conforms to reference | Pass |
| Bioburden assay | No growth on agar plate after 24 hours | N/A |
| Endotoxin Test | Verified, (Endo-Free Preps Only) | N/A |
| Label | Correct and white | Pass |
| Sequencing | Correct | Pass |
| Comments | - | - |

Restriction Digestion Map



Certified by:bg

Date:7/8/2022