# CERTIFICATE OF ANALYSIS

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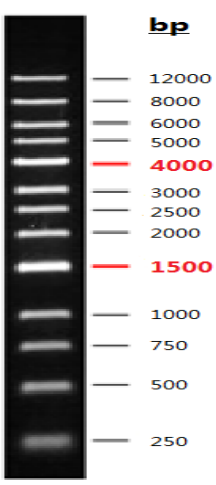
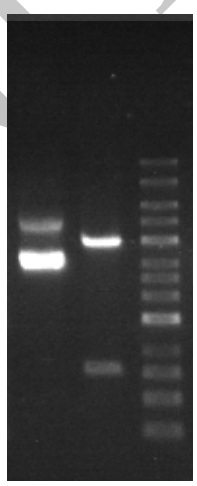
|---|---|---|---|
| **Gene Name** | pFastBacHT A (Cat.#V011647) | **Order No.** | G0198180-1 |
| **Lot No.** | E10603 | **Strain** | Stbl3 |
| **Quantity** | 100ug | **Quality grade** | Research Grade |

## 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




**Lane1**:Plasmid DNA

**Lane2**:Plasmid digested by HindIII-BsrGI

**Lane M**: DNA Marker

**Certified by: Chou Fang**

**Date: Dec/28/2024**

**Valid until: Dec/28/2027**