

Certificate of Analysis

Product Name: Fluc mRNA(5 ' CAP)
 Cat. No.: GM10002
 Batch No.: 5
 Chemical Name:

ANALYTICAL DATA

mRNA Length : 1929 nucleotides
 Concentration: 1mg/mL
 Buffer: DEPC-Treated Water
 Storage: -40°C or below

| | QC Standard | Results |
|--|---|---------|
| Apperance: | Colorless and Transparent Liquid | Pass |
| mRNA Concentration (Ultraviolet spectroscopy): | 0.9-1.1mg/mL | 1mg/mL |
| mRNA Purity (A260/A280 ratio, Ultraviolet spectroscopy): | 1.8-2.1 | 2.10 |
| Percentage of Intact mRNA (Agilent 5200): | ≥85% | 86.0% |
| Functional Assay(293T Cell / after 24 hours Transfection): | Signal Value of Fluc Activity $\geq 10^7$ | Pass |

Caution: Product has not been fully validated for medical applications. For research use only.

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