

Certificate of Analysis

Product Name: Fluc mRNA with N1-Me-pUTP (5'CAP)
Cat. No.: GM10005
Batch No.: 1
Chemical Name:

ANALYTICAL DATA

mRNA Length : 1929 nucleotides
Concentration: 1mg/mL
Buffer: 1 mM Sodium Citrate,PH6.4
Storage: -40°C or below

	QC Standard	Results
Apperance:	Colorless and Transparent Liquid	Pass
mRNA Concentration (Ultraviolet spectroscopy):	0.9-1.1mg/mL	1.083mg/mL
mRNA Purity (A260/A280 ratio, Ultraviolet spectroscopy):	1.8-2.1	1.93
Percentage of Intact mRNA (Agilent 5200):	≥85%	95.0%
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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