



Firefly Luciferase (FLuc) mRNA

Code: 7001-203

Description: Firefly Luciferase (FLuc) mRNA – length 1809 nt + 120 A (polyA tail)

Concentration: ~ 1 µg/µl (final concentration will be provided in product insert)

RNA concentration will be determined by spectrophotometer (1 A₂₆₀ = 40 µg/ml RNA)

Acceptable ratio of A₂₆₀/A₂₈₀ : 1.8 – 2.3 (in TE buffer, pH 8)

The RNA is transcribed with T7 RNA polymerase and ARCA-NTP-Mix (containing 100% m5CTP and 100% ΨTP) from a linear template generated by PCR. Purified mRNA is treated with Antarctic phosphatase and re-purified.

RNA will be analysed on Agilent Bioanalyzer 2100.

ISO 13485 certified product

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