



Certificate of Analysis

Product Description

Product Name	Luciferase Stable U87MG/ Δ EGFR Cell Line
Cat Number	T3009
Lot Number	VG0111
Quantity	1.0 x 10 ⁶ cells/1.0ml
Parental Cell Line	U87MG/ Δ EGFR Cells
Selection Drug Concentration	Puromycin (Cat. G264) at 0.7 μ g/ml

Specifications

	Test Method	Results
Transgene Expression	Luciferase Assay	See below
Sterility Test	Direct Culture	Not detected

Luciferase Assay Results (Kit Cat. G287)

Cell Name	U87MG/ Δ EGFR Parental	U87MG/ Δ EGFR Luciferase
Recordings (RLU)	8112	1,340,792
	8664	1,186,856
	7865	1,134,216
Average Recordings (RLU)	8213	1,220,621
Luciferase Expression	Approx. 150X fold-increase	

Cell Culture Instructions

Propagation The basal medium for this cell line is PriGrow III (Cat. TM003) Medium supplemented with 10% fetal bovine serum (Cat. TM999) and penicillin/streptomycin (Cat. G255). **Puromycin (Cat. G264) at 0.7 μ g/ml is mandatory for the cell line to maintain its transgene expression.**

Atmosphere: air, 95%; Carbon dioxide (CO₂), 5%. Temperature: 37°C.

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.

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