



**U-87 MG-Luc | 305707**

**Protein expression**      **Luciferase**

**Isoenzymes**              **PGM3, PGM1, ES-D, AK-1, GLO-1, G6PD**

**Tumorigenic**              **Yes**

**Characteristics**

**Culture Medium**              **EMEM (MEM Eagle), 2 mM L-glutamine, 2.2 mM NaHCO<sub>3</sub>, EBSS (820100a)**

**Supplements**              **10% FBS**

**Dissociation Reagent**      **Trypsin**

**Subculturing**              **1:3**

**Seeding density**              **1 x 10<sup>4</sup> cells**

**Fluid renewal**              **2-3 times**

**Freeze medium**              **DMEM + 10% DMSO**

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**Thawing and  
Culturing Cells**

1. Thaw the vial quickly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 5 minutes. Resuspend the cells in 1 ml of medium.
3. Seed the cells into a 24-well plate at a density of 100,000 cells per well.
4. Incubate the cells in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C.
5. After 24 hours, replace the medium with fresh medium.
6. Harvest the cells at 70% confluency.
7. Store the cells in liquid nitrogen.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Shipping Conditions** Store at -150 to -196°C

**Storage Conditions** Store at -150 to -196°C

**U-87 MG-Luc / U-87 MG-Luc / HLA**