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XIX

Citation	C6-Luc (C6-Luciferase) Cytion: 305620
Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_E3GZ
GMO Status	GMO-S1: C6-Luciferase (Luc2) Cytion: 305620

Product sheet

XXXXXX C6-Luc | 305620

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Antigen expression	Luc2 (XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX)
Tumorigenic	XXXXX XXXXXX XX XXXXX XXXXXX XXXXX XXXXXXXXXXX XXX XXXXXXXXXXX XXXXXXXXXXX XXX XXXXXXX XXXXXXX/XXXXXX-XXXXXX
Products	XXXXXXXXXXXX XXXXXXXXXXXX (luc2 pGL4.50)

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Culture Medium	RPMI 1640 2.1 XXXXX XXXXXX XXXXXXXXXXX XXXXXXX 2.0 XX/XXXX NaHCO3 (XXXX XXXXXXX820700a XX XXXXXXXXXXX)
Supplements	10% XX XXX XXXXXXX XXXXXXX
Dissociation Reagent	XXXXXXXX
Doubling time	24-48 XXXXX
Subculturing	XX XXXXX XXXXXXX XXX XXXXXXX (70–80) XXXXXX 1:3 XXX 1:6 XXXXXXX XXXXXX XXXXXXX/XXXXXX XXXXXX 0.25
Seeding density	$1-3 \cdot 10^4 / \text{cm}^2$
Freeze medium	XXXXXXXX XXXXXX XXXXXXXXXXX XXXXXXX XXX XXX XXXX + 10% DMSO XXXXXXX XXX XXXXXXX XXXXXX XXX XXXXXX XXXXXXX

C6-Luc | 305620

**Thawing and
Culturing Cells**

1. **Thawing:** Thaw the vial quickly in a water bath at 37 °C. Transfer the cells to a pre-warmed medium.
2. **Centrifugation:** Centrifuge the cells at 300 x g for 5 minutes at 4 °C. Remove the supernatant.
3. **Resuspension:** Resuspend the cells in a pre-warmed medium. Count the cells and seed them into a well.
4. **Seeding:** Seed the cells into a well. The seeding density should be 70% confluency.
5. **Incubation:** Incubate the cells at 37 °C in 5% CO₂ for 24 hours.
6. **Media Change:** Change the media after 24 hours.
7. **Analysis:** Analyze the cells for luciferase activity.

**Incubation
Atmosphere**

37 °C, 5% CO₂

**Shipping
Conditions**

Shipped on dry ice, stored at -78 °C

**Storage
Conditions**

Store at -150 °C to -196 °C

Product Information