

NCI-H69 | 300185

Protein expression P53

Isoenzymes G6PD PGM1 PGM3 ES-D Me-2 AK-1 GLO-1 1-2 0.0006

Tumorigenic

Karyotype 3p. = 40 73

Media

Culture Medium RPMI 1640 2.0 2.0 / NaHCO₃ (820700a)

Supplements 10% FBS

Doubling time 69

Subculturing

Seeding density 1 × 10⁵

Fluid renewal 2-3

Post-Thaw Recovery 24

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 10 ml of pre-warmed medium.
3. Seed the cells into a T75 flask containing 37 ml of pre-warmed medium.
4. Incubate the cells at 37°C in a humidified atmosphere of 5% CO2. The cells should reach 70% confluency within 7-10 days.
5. Once the cells reach 70% confluency, they can be passaged into a T75 flask containing 15 ml of pre-warmed medium.
6. The cells should reach 70% confluency within 7-10 days.
7. Once the cells reach 70% confluency, they can be passaged into a T75 flask containing 15 ml of pre-warmed medium.
8. The cells should reach 70% confluency within 7-10 days.

Incubation Atmosphere

37°C, 5% CO2

Flask Coating

Flask coating is not required for this cell line.

Freezing Procedure

For freezing, seed cells into a T75 flask containing 15 ml of pre-warmed medium. Once the cells reach 70% confluency, they can be passaged into a T75 flask containing 15 ml of pre-warmed medium.

Shipping Conditions

Shipping conditions: 2-8°C

Storage Conditions

Storage conditions: -150 to -196°C

NCI-H69 / HLA

Sterility

Sterility testing: PCR

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XXXXXXXX HLA

A*: '02:01:01, '23:01:01
B*: '01:01:01, '01.02.1900 03:01
C*: '07:01:01, '14:02:01
DRB1*: '04:04:01, '04:05:01
DQA1*: '03:01:01, '03:03:01
DQB1*: '03:02:01
DPB1*: '01:01:01 XX03:01:01:01 XX03:01:01 X
E: '01:01:01