

SK-HEP-1 | 300334

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

Tumorigenic [REDACTED]

Karyotype (P11) [REDACTED] (+A3+C+E+F+G-A-D) [REDACTED]

[REDACTED]

Culture Medium EMEM (MEM Eagle) 2 [REDACTED] 2.2 [REDACTED] NaHCO₃ EBSS ([REDACTED] 820100a [REDACTED])

Supplements [REDACTED] 10 [REDACTED] 1 [REDACTED]

Dissociation Reagent [REDACTED]

Subculturing [REDACTED] PBS [REDACTED]

Seeding density 1×10^4 [REDACTED]

Fluid renewal 2 [REDACTED] 3 [REDACTED]

Freeze medium [REDACTED] ([REDACTED] FBS) + 10% DMSO [REDACTED]

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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 3 minutes. Resuspend the cells in 10 ml of pre-warmed medium.
3. Seed the cells into a 75 cm² flask containing 37 ml of pre-warmed medium.
4. Incubate the cells at 37°C in a humidified atmosphere of 5% CO₂ until they reach 70% confluency.
5. Harvest the cells by trypsinization. Seed 15 x 10⁶ cells into 8 flasks.
6. Harvest the cells by trypsinization. Seed 300 x 10⁶ cells into 3 flasks.
7. Harvest the cells by trypsinization. Seed 10 x 10⁶ cells into 1 flask.
8. Harvest the cells by trypsinization. Seed 10 x 10⁶ cells into 1 flask.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Coated with poly-L-lysine

Freezing Procedure Harvest cells by trypsinization. Seed 10 x 10⁶ cells into 1 flask. Freeze at -80°C.

Shipping Conditions Ship at -80°C.

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

SK-HEP-1 / SK-HEP-1 / HLA

Sterility Sterility testing: PCR

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████████ HLA

A*: '02:01:01, '24:02:01

B*: '35:02:01, '44:03:01

C*: '04:01:01

DRB1*: '10:01:01, '11:04:01

DQA1*: '01:05:01, '05:05:01

DQB1*: '03:01:01, '05:01:01

DPB1*: '04:01:01

E: '01:01, '01:03