

Product sheet

U-138 MG | 300363

General Information

Description	U-87-MG U-118-MG U-373-MG
Organism	
Tissue	
Disease	
Metastatic site	
Applications	
Synonyms	U-138mg, u-138-mg, u-138-mg, u138-mg, u 138 mg, u138mg, u138, u138, 138 mg, 138mg

Cell Line Information

Age	47
Gender	
Ethnicity	
Morphology	
Cell type	
Growth properties	

Additional Information

Citation	U-138 MG (300363)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0020

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GMO Status (1966–1969)

Antigen expression A Rh+

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

Karyotype

Culture Medium

Supplements 10% FBS

Dissociation Reagent

Doubling time 48-72 h (U-118 MG)

Subculturing

Split ratio 1:3

Seeding density 1×10^4 cells/cm²

Fluid renewal 2-3 times per week

Post-Thaw Recovery

Freeze medium 50% FBS + 40% FCS + 10% DMSO (CM-1)

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a 15 mL centrifuge tube and centrifuge at 300 × g for 5 minutes. Remove the supernatant and resuspend the cells in 1 mL of complete medium. Seed the cells into a 25 cm² flask containing 10 mL of complete medium.
2. Incubate the cells in a humidified 5% CO₂ atmosphere at 37°C until they reach 70-80% confluency.
3. Harvest the cells by trypsinization and seed them into a new flask.
4. Repeat the process until the cells are ready for use.
5. For long-term storage, harvest the cells and freeze them in liquid nitrogen.
6. Thaw the cells and seed them into a new flask.
7. Repeat the process until the cells are ready for use.
8. For long-term storage, harvest the cells and freeze them in liquid nitrogen.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Freezing Procedure Harvest cells and freeze in liquid nitrogen.

Shipping Conditions Dry ice, -78°C

Storage Conditions -150°C to -196°C

HLA

Sterility Sterilized by gamma irradiation (PCR) and autoclaved.

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XXXXXXXX HLA

A*: '24:02:01, '29:02:01

B*: '39:06:02, '44:03:01

C*: '07:02:01, '16:01:01

DRB1*: '07:01:01, '08:01:01G

DQA1*: '02:01:01, '04:01:01

DQB1*: '02:02:01, '04:02:01

DPB1*: '04:02:01, '11:01:01

E: '01:01, '01:03