

U-118 MG | 300362

General information

Description	U-118 MG (U-87 MG U-138 MG U-373 MG)
Organism	
Tissue	
Disease	
Metastatic site	Not applicable (primary intracranial tumor; no distant metastasis)
Applications	Glioblastoma/astrocytoma research; glial tumor biology; radiation sensitivity; chemotherapy evaluation (temozolomide, CCNU); EGFR pathway analysis; NF-κB signalling; preclinical CNS tumor modeling
Synonyms	U-118 mg, u-118-mg, u-118-mg, u118-mg, u118mg, u118, 118 mg, 118mg

Subject information

Age	47
Gender	
Ethnicity	
Morphology	
Cell type	Glial cells (astrocytic)
Growth properties	

Identification

Citation	U-118 MG (300362)
Biosafety level	1
NCBI_TaxID	9606

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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 × 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 in a humidified atmosphere of 5% CO₂ at 37°C until they reach 70% confluency.
5. Harvest the cells by trypsinization. Seed 15 × 10⁶ cells into 8 T75 flasks.
6. Harvest the cells by trypsinization. Seed 300 × 10⁶ cells into 3 T75 flasks.
7. Harvest the cells by trypsinization. Seed 10 × 10⁶ cells into 10 T75 flasks.
8. Harvest the cells by trypsinization. Seed 10 × 10⁶ cells into 10 T75 flasks.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating No coating

Freezing Procedure Harvest cells by trypsinization. Resuspend cells in 1 ml of freezing medium. Seed cells into 1 ml cryovials. Store at -196°C.

Shipping Conditions Store at -196°C.

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

U-118 MG / U-118 MG / HLA

Sterility The cells are tested for mycoplasma contamination (PCR) and are found to be free of mycoplasma.

XXXXXXXXU-118 MG | 300362

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