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Description	U-138MG is a human glioblastoma cell line derived from a male patient with a glioblastoma multiforme (GBM) tumor. It is a highly aggressive, invasive cell line that is widely used in research on GBM biology and treatment. U-138MG cells are characterized by their rapid growth, high tumorigenicity, and resistance to many chemotherapeutic agents. They are often used to study the mechanisms of tumor progression, invasion, and drug resistance in GBM. U-138MG cells are also used in preclinical testing of new therapies for GBM. U-138MG cells are typically grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. They are maintained in culture at 37°C and 5% CO2. U-138MG cells are a valuable tool for studying GBM biology and for testing new therapies for this devastating disease.
Organism	Human
Tissue	Brain
Disease	Glioblastoma
Metastatic site	Brain (intracranial), Lung (intracranial), Liver (intracranial)
Applications	Cell culture, drug screening, gene expression analysis, protein expression analysis, cell death assays, tumor models, preclinical testing, research on GBM biology and treatment.
Synonyms	U-138MG, U-138-MG, U138-MG, U 138 MG, U138MG, U138, 138 MG, 138MG

XXXXXXXXXXXXX

Age	47 男男男
Gender	男男
Ethnicity	男男男男男
Morphology	男男男男
Cell type	男男 男男男 (男男男男男男男男男男)
Growth properties	男男

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

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**Thawing and
Culturing Cells**

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
2. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
3. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
4. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
5. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
6. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
7. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
8. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Freezing
Procedure**

将细胞悬液加入含有冻存液的冻存管中，轻轻混匀，将冻存管置于-80°C冰箱中冻存。

**Shipping
Conditions**

将细胞悬液加入含有冻存液的冻存管中，轻轻混匀，将冻存管置于-80°C冰箱中冻存。

**Storage
Conditions**

将细胞悬液加入含有冻存液的冻存管中，轻轻混匀，将冻存管置于-80°C冰箱中冻存。

细胞鉴定

Sterility

细胞悬液经PCR检测，无DNA污染。细胞悬液经无菌检测，无细菌污染。细胞悬液经无菌检测，无真菌污染。细胞悬液经无菌检测，无支原体污染。

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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