

U-343 MG | 300365

General information

Description	U-343 MG is a human cell line derived from a 54-year-old male patient with a diagnosis of U-343 MG. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. It is a highly tumorigenic cell line that is used for the study of cancer biology and for the development of new therapies. The cell line is derived from a patient with a diagnosis of U-343 MG, which is a type of cancer that affects the bone marrow and the lymphatic system. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. It is a highly tumorigenic cell line that is used for the study of cancer biology and for the development of new therapies. The cell line is derived from a patient with a diagnosis of U-343 MG, which is a type of cancer that affects the bone marrow and the lymphatic system. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. It is a highly tumorigenic cell line that is used for the study of cancer biology and for the development of new therapies.
Organism	Human
Tissue	Bone marrow
Disease	U-343 MG
Synonyms	U-343MG, U-343-MG, U343MG, U-343, U343, 343 MG, 343MG

Cell characteristics

Age	54 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial cells
Growth properties	High growth rate

Cell line identification

Citation	U-343 MG (Cytion 300365)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_S471

Cell line authentication

Product sheet

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Receptors expressed GFAP: 95%    

Tumorigenic ,  

Characteristics

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (  Cytion 820100a)

Supplements   10% FBS  1% NEAA

Dissociation Reagent 

Subculturing                                                    

Seeding density 2×10^4  

Fluid renewal 2  3 

Freeze medium                                                    

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**Thawing and
Culturing Cells**

1. 将细胞冻存管放入 37°C 水浴中快速解冻，离心 5 分钟，将培养基转移到含有 10 mL 新鲜培养基的细胞培养瓶中。
2. 将细胞悬液接种到含有 10 mL 新鲜培养基的细胞培养瓶中，在 37°C 下培养 24 小时。
3. 将细胞悬液接种到含有 10 mL 新鲜培养基的细胞培养瓶中，在 37°C 下培养 24 小时。
4. 将细胞悬液接种到含有 10 mL 新鲜培养基的细胞培养瓶中，在 37°C 下培养 24 小时。
5. 将细胞悬液接种到含有 10 mL 新鲜培养基的细胞培养瓶中，在 37°C 下培养 24 小时。
6. 将细胞悬液接种到含有 10 mL 新鲜培养基的细胞培养瓶中，在 37°C 下培养 24 小时。
7. 将细胞悬液接种到含有 10 mL 新鲜培养基的细胞培养瓶中，在 37°C 下培养 24 小时。
8. 将细胞悬液接种到含有 10 mL 新鲜培养基的细胞培养瓶中，在 37°C 下培养 24 小时。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Freezing
Procedure**

将细胞悬液接种到含有 10 mL 新鲜培养基的细胞培养瓶中，在 37°C 下培养 24 小时。

**Shipping
Conditions**

将细胞悬液接种到含有 10 mL 新鲜培养基的细胞培养瓶中，在 37°C 下培养 24 小时。

**Storage
Conditions**

将细胞悬液接种到含有 10 mL 新鲜培养基的细胞培养瓶中，在 37°C 下培养 24 小时。

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Sterility

将细胞悬液接种到含有 10 mL 新鲜培养基的细胞培养瓶中，在 37°C 下培养 24 小时。

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HLA

A*: '02:01:01, '03:01:01

B*: '07:02:01, '47:01:01

C*: 06:02:01, 07:02:01

DRB1*: 04:05:01, 15:01:01

DQA1*: '01:02:01, '03:03:01

DQB1*: 03:01, 06:02

DPB1*: 04:01:01

E: 01:01:01