

## U-251 MG | 300385

### General Information

<b>Description</b>	U-251 MG (GBM) cell line derived from a glioblastoma multiforme (GBM) patient. The cell line is characterized by its high growth rate and ability to form tumors in immunodeficient mice. It is commonly used in research on glioblastoma biology and treatment.
<b>Organism</b>	Human
<b>Tissue</b>	Brain
<b>Disease</b>	Glioblastoma multiforme (GBM)
<b>Synonyms</b>	U-251MG, U-251-MG, U-251-MG, U-251_MG, U251-MG, U251MG, U-251, U251, U251n, U251N, U251N, 251 MG, 251MG

### Characteristics

<b>Age</b>	75 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent

### Identification

<b>Citation</b>	U-251 MG (ATCC CCL-251) (300385)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_0021

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**Characteristics**

**Protein expression** GFAP vimentin

**Tumorigenic** SMRV: 100% (100% of cells form tumors in 100% of mice)

**Media**

**Culture Medium** DMEM 4.5 g/l, 4 mM, 3.7 g/l, 1.0 mM (8200)

**Supplements** 10% FBS

**Dissociation Reagent** Trypsin

**Doubling time** 24 h

**Subculturing** 1:3 to 1:10 in PBS

**Seeding density** 1 x 10<sup>4</sup> / cm<sup>2</sup>

**Fluid renewal** 2-3 times per week

**Post-Thaw Recovery** 24 h

**Freeze medium** 50% + 40% + 10% DMSO CM-1



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XXXXXXXX HLA

**A\***: '02:01:01

**B\***: '18:01:01

**C\***: '05:01:01

**DRB1\***: '03:01:01

**DQA1\***: '05:05:xx

**DQB1\***: '02:01:01

**DPB1\***: '04:02:01

**E**: '01:03:01