

Product sheet

U-251 MG | 300385

General Information

Description	U-251 MG (GBM), TP53
Organism	
Tissue	
Disease	
Synonyms	U-251MG, U-251-MG, U-251_MG, U251-MG, U251MG, U-251, U251, U251n, U251N, 251 MG, 251MG

Cell Characteristics

Age	75
Gender	
Ethnicity	
Morphology	
Growth properties	

Identification

Citation	U-251 MG (Cytion 300385)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0021

Additional Information

Product sheet

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Protein expression GFAP

Tumorigenic SMRV: , PCR

Culture Medium DMEM, w: 4.5 g/L , w: 4 mM L- , w: 3.7 g/L NaHCO₃, w: 1.0 mM (Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 24

Subculturing -PBS T25, -3-5 ' PBS, 3

Seeding density 1×10^4 /

Fluid renewal 2 3

Post-Thaw Recovery , 24

Freeze medium -50% + 40% FBS + 10% DMSO, CM-1 (Cytion 800100),

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 ml of pre-warmed medium.
3. Seed the cells into a T25 flask containing 37 ml of pre-warmed medium.
4. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.
5. Harvest the cells by trypsinization and resuspend them in 15 ml of pre-warmed medium.
6. Seed the cells into a T25 flask containing 37 ml of pre-warmed medium.
7. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.
8. Harvest the cells by trypsinization and resuspend them in 15 ml of pre-warmed medium.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating None

Freezing Procedure Harvest cells by trypsinization and resuspend them in 15 ml of pre-warmed medium. Seed cells into a T25 flask containing 37 ml of pre-warmed medium. Incubate at 37°C in 5% CO₂ until they reach 70% confluency.

Shipping Conditions Cells should be shipped at 4°C in a cool box. Incubate at 37°C in 5% CO₂ until they reach 70% confluency.

Storage Conditions Cells should be stored at -150°C in 196 liquid nitrogen. Incubate at 37°C in 5% CO₂ until they reach 70% confluency.

HLA

Sterility Cells are free of mycoplasmas and PCR detectable. Cells are free of mycoplasmas and PCR detectable.

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HLA

- A***: 02:01:01
- B***: 18:01:01
- C***: 05:01:01
- DRB1***: 03:01:01
- DQA1***: 05:xx
- DQB1***: 02:01:01
- DPB1***: 04:02:01
- E**: 01:03:01