Product sheet

[redacted] U251 MG/TMZ | 305884

[redacted]

Description	U251 MG/TMZ [redacted] U251 MG. [redacted] U251 MG [redacted] [redacted] [redacted], [redacted] [redacted]-TMZ [redacted] U251 MG/TMZ [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] O6-methylguanine-DNA methyltransfe PI3K/AKT, MAPK, NF-κB [redacted] STAT3, [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] U251 MG/TMZ [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] IC50 [redacted] [redacted] [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Metastatic site	[redacted] [redacted] [redacted] ([redacted])
Applications	[redacted] [redacted] [redacted] [redacted] [redacted]-TMZ; [redacted] [redacted] [redacted] [redacted]; [redacted]-[redacted] [redacted] MGMT; [redacted] [redacted] [redacted]-[redacted]
Synonyms	U-251MG, U-251-MG, U-251_MG, U251-MG, U251MG, U-251, U251, U251n, U251N, 251 MG, 251MG

[redacted]

Age	75 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted] [redacted]
Cell type	[redacted] [redacted] ([redacted])
Growth properties	[redacted]

[redacted]

Citation	U251 MG/TMZ ([redacted] [redacted] Cytion 305884)

[redacted] U251 MG/TMZ | 305884

Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	[redacted] (U251 MG/TMZ [redacted] [redacted]-[redacted] [redacted] [redacted] [redacted]-TMZ; [redacted]-[redacted]: U251 MG CVCL_0021)
GMO Status	[redacted] [redacted] [redacted]; [redacted] [redacted]-TMZ [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] TMZ [redacted] [redacted] ([redacted] [redacted] [redacted]

[redacted]- [redacted]

Tumorigenic	SMRV: [redacted], [redacted] [redacted] [redacted] [redacted] PCR [redacted] [redacted]
Mutational profile	[redacted] [redacted] TMZ

[redacted]

Culture Medium	DMEM, w: 4.5 g/L [redacted], w: 4 mM L-[redacted], w: 3.7 g/L NaHCO3, w: 1.0 mM [redacted] [redacted] ([redacted] [redacted] Cytion 820300a)
Supplements	[redacted] [redacted] 10% FBS [redacted]-50 µM [redacted] (TMZ)
Dissociation Reagent	[redacted]
Doubling time	[redacted]-36 [redacted] 48 [redacted] ([redacted]- [redacted] [redacted] [redacted]-TMZ [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted])
Split ratio	1 [redacted] 3
Seeding density	1 [redacted] 3 × 10^4 [redacted]/[redacted]'' [redacted]
Fluid renewal	2 [redacted] 3 [redacted] [redacted]
Freeze medium	[redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] + 10% DMSO [redacted] [redacted] [redacted] [redacted] [redacted] [redacted].

[redacted] U251 MG/TMZ | 305884

Thawing and Culturing Cells	1. [redacted] 2. [redacted] -150°C [redacted] 3. [redacted] 37 [redacted] 4. [redacted] 70% [redacted] 5. [redacted] 15 [redacted] 8 [redacted] 6. [redacted] -200 x g [redacted] 5 [redacted] 7. [redacted]
Incubation Atmosphere	37°C, 5% $_{CO2}$, [redacted]
Flask Coating	[redacted]
Shipping Conditions	[redacted] -78°C
Storage Conditions	[redacted] -150 [redacted] 196 [redacted]

[redacted]