

T98G | 305030

Cell Line

Description	T98G is a continuous cell line derived from a 61-year-old male. It is a fibroblast-like cell line that can be grown in the presence of 10% fetal bovine serum (FBS) in DMEM. T98G cells are highly proliferative and can be grown in the presence of 10% FBS in DMEM. T98G cells are highly proliferative and can be grown in the presence of 10% FBS in DMEM. T98G cells are highly proliferative and can be grown in the presence of 10% FBS in DMEM.
Organism	Human
Tissue	Embryonic
Disease	None
Synonyms	T 98 G, T-98G, T98 G, T98-G

Characteristics

Age	61 years
Gender	Male
Ethnicity	White
Morphology	Fibroblast
Growth properties	Highly proliferative

References

Citation	T98G (ATCC CCL-21) Cytion 305030
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0556

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Cell Line: T98G

Cell Type: Fibroblast

Culture Medium	EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO ₃ , w: EBSS (Cytion 820100a)
Supplements	10% FBS 1% NEAA
Dissociation Reagent	Trypsin
Doubling time	40 hours
Subculturing	Cells are grown in 25 cm ² flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The medium is changed every 3-5 days.
Fluid renewal	2-3 times per week
Freeze medium	Cells are frozen in EMEM medium supplemented with 10% FBS and 1% NEAA, and 10% DMSO. The medium is changed every 3-5 days.

Thawing and Culturing Cells

1. Thaw cells quickly in a 37°C water bath.
2. Centrifuge cells at 300 x g for 5 minutes.
3. Wash cells with PBS.
4. Resuspend cells in EMEM medium supplemented with 10% FBS and 1% NEAA.
5. Seed cells into a 25 cm² flask.
6. Incubate cells in a 37°C incubator with 5% CO₂.
7. Change medium every 3-5 days.
8. Harvest cells when they reach 80-90% confluency.

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Incubation
Atmosphere

37°C, 5% CO_2 , humidified

Flask Coating

None

Freezing
Procedure

Seal the flask with a cap and freeze at -78°C for 24 hours.

Shipping
Conditions

Seal the flask with a cap and ship at -78°C for 24 hours.

Storage
Conditions

Seal the flask with a cap and store at -150 to -196°C for 196 hours.

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Sterility

The cells are supplied in a sterile, PCR-grade medium.

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