

Product sheet

HuCC-T1 | 300469

General information

Description	HuCC-T1 is a cell line derived from a human urothelial carcinoma, characterized by high tumorigenicity and growth in soft agar. It is highly sensitive to cisplatin and p53, and is used for studying drug resistance and tumor progression. HuCC-T1, a highly tumorigenic cell line, is used for studying drug resistance and tumor progression. HuCC-T1 is highly sensitive to cisplatin and p53, and is used for studying drug resistance and tumor progression.
Organism	Human
Tissue	Urothelial carcinoma
Disease	Urothelial carcinoma
Metastatic site	Urothelial carcinoma
Applications	Drug resistance, tumor progression, cisplatin sensitivity, p53 signaling
Synonyms	HuCC-T1, HUCCT-1, HUCC-T1, HUCCT1, HuCCT1

Cell characteristics

Age	56 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Highly tumorigenic

References and safety

Citation	HuCC-T1 (Cytion 300469)
Biosafety level	1
NCBI_TaxID	9606

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CellosaurusAccession CVCL_0324

Cell Line HuCC-T1

Tumorigenic Yes, tumorigenic in nude mice

Genotype

Culture Medium RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing 1:3-1:10 in RPMI 1640 + 10% FBS + 2.0 mM CaCl_2 + 2.0 g/L NaHCO_3 (Cytion 820700a)

Freeze medium RPMI 1640 + 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly at 37°C, add to pre-warmed medium, centrifuge at 300 x g for 3 min, resuspend in fresh medium.
2. Seed cells into T25 flasks at 10⁵ cells per flask in 10 mL of medium.
3. Incubate cells at 37°C in 5% CO₂ until cells reach 70-80% confluency.
4. Harvest cells by trypsinization and centrifugation at 300 x g for 3 min.
5. Resuspend cells in 15 mL of medium and seed into T75 flasks at 10⁶ cells per flask.
6. Incubate cells at 37°C in 5% CO₂ until cells reach 70-80% confluency.
7. Harvest cells by trypsinization and centrifugation at 300 x g for 3 min.
8. Resuspend cells in 10 mL of medium and seed into T25 flasks at 10⁵ cells per flask.

Incubation Atmosphere 37°C, 5% CO₂

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Flask Coating

Flask coating information, including details on the coating process and materials used.

Freezing Procedure

Freezing procedure details, including instructions on how to freeze the product and the recommended temperature of -78°C.

Shipping Conditions

Shipping conditions details, including instructions on how to ship the product and the recommended temperature of -78°C.

Storage Conditions

Storage conditions details, including instructions on how to store the product and the recommended temperature of -150 to 196.

HLA

Sterility

Sterility information, including details on the sterilization process and the use of PCR.