

Product sheet

CaSki | 300145

CaSki

Description CaSki is a cell line derived from a 40-year-old male patient with squamous cell carcinoma of the cervix. It is a highly tumorigenic, immortalized cell line that is positive for HPV. It is characterized by its ability to form tumors in nude mice and its high growth rate in culture.

Organism Human

Tissue Cervix

Disease Squamous cell carcinoma

Metastatic site Cervix

Synonyms Ca-Ski, Ca Ski, Caski, CASKI

Characteristics

Age 40 years

Gender Male

Ethnicity Unknown

Morphology Epithelial

Cell type Epithelial

Growth properties Adherent

References

Citation CaSki (ATCC CRL-2266) | Cytion 300145

Biosafety level 2

NCBI_TaxID 9606

CellSaurusAccession CVCL_1100

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CaSki - CaSki

Isoenzymes G6PD, B

Products hCG, hCG

CaSki

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 CaSki cells are cultured in RPMI 1640 medium supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in fresh medium. Cells are seeded into new flasks at a density of 1×10^4 cells per flask. Cells are allowed to attach for 24 hours before the medium is replaced with fresh medium.

Seeding density 1×10^4 cells per flask

Fluid renewal 2-3 times per week

Post-Thaw Recovery Cells are thawed in a water bath at 37°C and immediately resuspended in fresh medium. Cells are seeded into new flasks at a density of 1×10^4 cells per flask. Cells are allowed to attach for 24 hours before the medium is replaced with fresh medium.

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

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge at 300 x g for 3 minutes. Resuspend in 15 ml of pre-warmed medium.
3. Seed cells into a T25 flask containing 37 ml of pre-warmed medium.
4. Incubate at 37°C in 5% CO₂ until cells reach 70% confluency.
5. Harvest cells by trypsinization. Seed into a T25 flask with 15 ml of medium.
6. Incubate at 37°C in 5% CO₂ until cells reach 70% confluency.
7. Harvest cells by trypsinization. Seed into a T25 flask with 10 ml of medium.
8. Incubate at 37°C in 5% CO₂ until cells reach 70% confluency.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium, 10 minutes

Freezing Procedure Harvest cells by trypsinization. Seed into a T25 flask with 10 ml of medium. Incubate at 37°C in 5% CO₂ until cells reach 70% confluency.

Shipping Conditions Cells can be shipped at -78°C.

Storage Conditions Cells can be stored at -150°C for 196 days.

CaSki / HLA

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

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HLA

A*: '02:01:01, '03:01:01

B*: '07:02:01, '37:01:01

C*: 07:02:01

DRB1*: '08:01:01G, '15:01:01G

DQA1*: '01:02:01, '04:02

DQB1*: 04:02:01, 06:02:01

DPB1*: 04:01:01

E: 01:03:02