

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 Caucasian

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

CaSki | 300145

CaSki -

Isoenzymes G6PD, B

Products hCG,

Culture Medium RPMI 1640, w: 2.0 mM , w: 2.0 g/L NaHCO3 (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent

Subculturing 3-5 3-4

Seeding density 1×10^4 3 4

Fluid renewal 2 3

Post-Thaw Recovery 48

Freeze medium (FBS) + 10% DMSO

CaSki | 300145

Thawing and Culturing Cells

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

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Yes

Freezing Procedure

Resuspend cells in 1 ml of freezing medium and freeze at -80°C.

Shipping Conditions

Store at -80°C during shipping.

Storage Conditions

Store at -150°C for up to 196 weeks.

CaSki / HLA

Sterility

CaSki cells are tested for sterility using PCR and other methods. The cells are free of mycoplasmas and other contaminants.

CaSki | 300145

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