

Product sheet

SCC-4 | 305384

SCC-4

Description SCC-4 is a cell line derived from a patient with squamous cell carcinoma (SCC). It is characterized by its ability to grow in soft agar and its high tumorigenicity in nude mice. The cell line is maintained in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. SCC-4 cells are highly proliferative and have a doubling time of approximately 24 hours. They are typically used for studying the biology of SCC and for testing anticancer drugs.

Organism Human

Tissue Skin

Disease Squamous cell carcinoma

Synonyms SCC 4, SCC4

Characteristics

Age 55 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Anchorage dependent

References

Citation SCC-4 (ATCC CCL-22) | Cytion 305384

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1684

Additional information

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Mutational profile TP53, p.Pro151Ser (c.451C>T)

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L , w: 2.5 mM L-, w: 15 mM HEPES, w: 0.5 mM , w: 1.2 g/L NaHCO3 820400a)

Supplements 10% FBS 400 ng/mL

Dissociation Reagent

Subculturing PBS T25, 3-5 PBPS, 3

Freeze medium (FBS) + 10% DMSO

Thawing and Culturing Cells

- 1. ...
- 2. ...
- 3. ...
- 4. ...
- 5. ...
- 6. ...
- 7. ...
- 8. ...

Incubation Atmosphere 37°C, 5% CO2

Flask Coating

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Freezing Procedure [REDACTED] -78°C

Shipping Conditions [REDACTED] -78°C

Storage Conditions [REDACTED] -150 to 196

[REDACTED] / [REDACTED] / HLA

Sterility [REDACTED] PCR [REDACTED]
[REDACTED]