

769-P | 300106

769-P

Description

769-P is a cell line derived from a 63-year-old male patient with renal cell carcinoma (RCC). The cell line is characterized by its ability to grow in suspension and its sensitivity to various growth factors. It is a highly proliferative cell line that can be maintained in long-term culture. The cell line is derived from a primary tumor and is representative of the genetic and phenotypic characteristics of the original tumor. It is a highly proliferative cell line that can be maintained in long-term culture. The cell line is derived from a primary tumor and is representative of the genetic and phenotypic characteristics of the original tumor.

Organism Human

Tissue Kidney

Disease Renal cell carcinoma

Synonyms 769P, 769-p

769-P

Age 63 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent, suspension

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Citation 769-P (Cytion 300106)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1050

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Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed medium. Incubate at 37°C with 5% CO₂ until the cells reach confluence.
3. Once the cells are confluent, they can be used for experiments or passaged. Passaging should be performed using a 1:3 or 1:4 split ratio.
4. The cells should be passaged every 3-4 days to maintain them in the exponential growth phase.
5. The cells should be passaged into a new flask when they reach 70-80% confluence.
6. The cells should be passaged into a new flask when they reach 70-80% confluence.
7. The cells should be passaged into a new flask when they reach 70-80% confluence.
8. The cells should be passaged into a new flask when they reach 70-80% confluence.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating Cell culture medium

Freezing Procedure Freeze cells in a freezing medium and store at -80°C.

Shipping Conditions Ship cells at -80°C.

Storage Conditions Store cells at -150°C for up to 196 days.

Genotype / Phenotype / HLA

Sterility The cells are free of mycoplasmas and other contaminants. PCR screening is performed on a regular basis.

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██████████ HLA **A***: '03:01:01, '24:02:01
 B*: 07:02:01
 C*: 07:02:01
 DRB1*: 15:01:01G
 DQA1*: 01:02:01
 DQB1*: 06:02:01
 DPB1*: 04:01:01
 E: 01:03:02