

769-P | 300106

769-P

Description

769-P is a cell line derived from a patient with renal cell carcinoma (RCC). It is a highly metastatic cell line that grows in suspension. The cells are characterized by their ability to form spheroids in suspension culture. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin-like growth factor-1 (IGF-1). The cells are typically grown in 96-well plates at a density of 10,000 cells per well. The cell line is highly sensitive to hypoxia and is used to study the effects of hypoxia on cell growth and survival. The cell line is also used to study the effects of various drugs on cell growth and survival.

Organism *Homo sapiens*

Tissue Kidney

Disease Renal cell carcinoma

Synonyms 769, 769-P

769-P

Age 63 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Suspension

769-P

Citation 769-P (ATCC CRL-2146) | 300106

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1050

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XXXXXXXXXXXXXXXXXXXXXXXX

Tumorigenic XXXX XXXXXXXX XX XXXXXXXXXXXX XXXXXXXX XXXXXXXX XXX XXXXXXXX XXXXXXXX

Ploidy status XXX XXX XXXX XXXXXXXX XXXXXXXX XXX XXX XXX XXXX XX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX (XXXXXX 2s). XXXXX XXXXX XXXXXXXX XXXXXXXX

Karyotype XXXXX XXXXXXXXX. XXXXXXXX XXXXXXXXX= 45. XXXX XXXXX XXXXXXXXX XXXXXXX XXX XXXXXXXXX XX XXXXX XXXXXXXXX.

XXXXXXXXXXXXXXXX

Culture Medium RPMI 1640X X 2.0 XXXXX XXXXXXXX XXXXXXXXX XXXXXXXX X 2.0 X/XXXX NaHCO3 (XXXX XXXXXXXX 820700a XX XXXXXXXXX)

Supplements XX XXXXXXXX XXXXXXX X 10X XX XX FBS

Dissociation Reagent XXXXXXXX

Doubling time 35 XXXXX

Subculturing XX XXXXXXXX XXXXXXX XXXXXXX XX XXXXXXXX XXXXXXXXX XXXXXXXX XXXXXXXXX PBS XXXXX XXXXXXX XXX XXXXXXXXX XXXXXXXXX XXXXXXXXX XXXXXXXXX XXXXXXXXX

Seeding density 3×10^4 ¹⁰⁰⁰ XXXXXXXX XXX XXXXXXX XXXXXXXXX XXXXXXXXX XX XXXXX 4 XXXXX

Fluid renewal 2 XXXX 3 XXXXX XX XXXXXXXXX

Post-Thaw Recovery XXXX XXXXX ⁴ ¹⁰⁰⁰ XXXXXXXXX XXXXXXXXX XXXXXXXXX XXXXXXXXX XXXXXXX XXXXX 48 XXXXX XX XXXXXXX.

Freeze medium XXXXXXX XXXXXXX XXXXXXXXX XXXXXXX XXX XXX XXXXX (XXXX XX XXX FBS) + 10% DMSO XX XXXX XXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX

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Thawing and Culturing Cells

1. [Redacted]
2. [Redacted]
3. [Redacted]
4. [Redacted]
5. [Redacted]
6. [Redacted]
7. [Redacted]
8. [Redacted]

Incubation Atmosphere 37 [Redacted]

Flask Coating [Redacted]

Freezing Procedure [Redacted]

Shipping Conditions [Redacted]

Storage Conditions [Redacted]

HLA

Sterility [Redacted]

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XXXXXXXX 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