

PtK1 | 608393

Description PtK1 is a cell line derived from the kidney of the South American rodent Potorous tridactylus. It is a continuous cell line that grows in the presence of 10% fetal bovine serum (FBS) in DMEM medium. The cells are characterized by their high proliferation rate and their ability to form colonies in soft agar. PtK1 cells are widely used in cell biology and molecular biology research, particularly in studies related to cell cycle regulation and DNA replication.

Organism Mammalia

Tissue Kidney

Synonyms Pt K1 (NBL-3) NBL-3 NBL-3 PTK-1 PTK 1 PTK 1 PTK 1 PTK1 PtK1 Pt-K1 Ptk1 Ptk1 Potorous tridactylus Kidney 1

Age 1-2 years

Gender Male

Morphology Epithelial cells

Growth properties Adherent, requires 10% FBS

Citation PtK1 (ATCC CRL-1582) (608393)

Biosafety level 1

NCBI_TaxID 9310

CellosaurusAccession CVCL_0489

Virus susceptibility Susceptible to various viruses (e.g., Adenovirus, Herpesvirus)

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Thawing and Culturing Cells

1. [Placeholder text]
2. [Placeholder text]
3. [Placeholder text]
4. [Placeholder text]
5. [Placeholder text]
6. [Placeholder text]
7. [Placeholder text]
8. [Placeholder text]

Incubation Atmosphere 37 [Placeholder text]

Flask Coating [Placeholder text]

Freezing Procedure [Placeholder text]

Shipping Conditions [Placeholder text]

Storage Conditions [Placeholder text]

/ / HLA

Sterility [Placeholder text]

STRAmelogenin: x/y