

Product sheet

PC-3 | 300312

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**Description**

PC3 is a cell line derived from a 62-year-old male patient with prostate cancer. The cell line is characterized by its ability to grow in the presence of PSA (Prostate Specific Antigen) and its sensitivity to androgen deprivation therapy (ADT). PC3 cells are commonly used in research to study the effects of ADT on prostate cancer cells and to investigate the role of PSA in prostate cancer progression.

**Organism** Human

**Tissue** Prostate

**Disease** Prostate Cancer

**Metastatic site** Prostate

**Applications** Research

**Synonyms** PC-3, PC.3, PC.3

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**Age** 62 years

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Epithelial

**Growth properties** PC3 cells are highly proliferative and form dense, multi-layered colonies. They are sensitive to androgen deprivation therapy (ADT) and are commonly used in research to study the effects of ADT on prostate cancer cells.

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**Citation** PC3 (ATCC CRL-1473) | 300312



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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]

[Redacted] / [Redacted] / HLA

**Sterility** [Redacted]