

Product sheet

PC-3M | 305061

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**Description** PC-3M is a human prostate cancer cell line derived from a 62-year-old patient with metastatic disease. The cells are characterized by their ability to form neuroendocrine-like structures and are highly sensitive to androgen deprivation therapy. PC-3M cells are commonly used in research to study the mechanisms of neuroendocrine differentiation and the effects of androgen deprivation therapy on prostate cancer cells.

**Organism** Human

**Tissue** Prostate

**Disease** Prostate Cancer

**Metastatic site** Bone

**Synonyms** PC3-M, PC-3/M, PC3M, PC3M, PC3M, Pc3M

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**Age** 62 years

**Gender** Male

**Morphology** Epithelial

**Growth properties** Adherent

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**Citation** PC-3M (ATCC CRL-1473) | 305061

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_9555

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General Information

**Culture Medium** DMEM F12K 2.0 2.0 2.5 NaHCO3 (8)

**Supplements** 10% FBS

**Dissociation Reagent**

**Subculturing** PBS

**Split ratio** 1:2 1:4

**Fluid renewal** 2 3

**Freeze medium** (FBS) + 10% DMSO

- 1. Thawing and Culturing Cells
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

**Incubation Atmosphere** 37

**Flask Coating**

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**Freezing Procedure**

**Shipping Conditions**

**Storage Conditions**

/ / HLA

**Sterility**

- STRAmelogenin: x
- CSF1PO: 11
- D13S317: 11
- D16S539: 11
- D5S818: 13
- D7S820: 8
- TH01: 6
- TPOX: 8
- vWA: 17
- D3S1358: 16
- D21S11: 29,31,2
- D18S51: 14
- Penta E: 10
- Penta D: 9
- D8S1179: 13
- FGA: 24
- D6S1043: 14
- D2S1338: 18,2
- D12S391: 21
- D19S433: 14