

Product sheet

PC-3M | 305061

PC-3M

**Description** PC-3M is a human prostate cancer cell line derived from a 62-year-old patient with metastatic disease. It is characterized by its ability to grow in vitro and in vivo. PC-3M cells are highly tumorigenic and form large, invasive tumors in nude mice. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10 ng/ml insulin-like growth factor-1 (IGF-1). PC-3M cells are highly tumorigenic and form large, invasive tumors in nude mice. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10 ng/ml insulin-like growth factor-1 (IGF-1).

**Organism** Human

**Tissue** Prostate

**Disease** Prostate cancer

**Metastatic site** Bone

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

PC-3M

**Age** 62 years

**Gender** Male

**Morphology** Epithelial

**Growth properties** Adherent

PC-3M

**Citation** PC-3M (Cytion 305061)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_9555

PC-3M



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**Flask Coating**

Flask coating is not applicable for this product.

**Freezing Procedure**

Freezing procedure is not applicable for this product. Storage temperature: -78°C

**Shipping Conditions**

Shipping conditions are not applicable for this product. Storage temperature: -78°C

**Storage Conditions**

Storage conditions are not applicable for this product. Storage temperature: -150 to 196 °C

**HLA**

**Sterility**

The product is sterile and suitable for PCR applications.

The product is not suitable for cell culture applications.

**STR**

- Amelogenin: x,x
- CSF1PO: 11
- D13S317: 11
- D16S539: 11
- D5S818: 13
- D7S820: 8,11
- TH01: 6,7
- TPOX: 8,9
- vWA: 17
- D3S1358: 16
- D21S11: 29,31,2
- D18S51: 14,15
- Penta E: 10,17
- Penta D: 9
- D8S1179: 13
- FGA: 24
- D6S1043: 14,18
- D2S1338: 18,2
- D12S391: 21
- D19S433: 14