

Product sheet

PC-3 | 300312

|             |     |     |     |      |             |        |
|-------------|-----|-----|-----|------|-------------|--------|
| Description | PC3 | 62  | IV  | PC-3 |             |        |
|             |     | PC3 |     |      |             |        |
|             | PC3 |     | PSA | -5-α | LNCaP DU145 | AR PSA |
|             | PC3 |     |     |      | PC3         | PC3    |
|             | PC3 | IV  |     |      |             |        |

Organism

Tissue

Disease

Metastatic site

Applications

Synonyms PC-3, PC.3

Age 62

Gender

Ethnicity

Morphology

Growth properties

Citation PC3 Cytion 300312

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**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0035

**Antigen expression** HLA A1 A9

**Tumorigenic**

**Karyotype** PC3

**Culture Medium** DMEM:Ham's F12 1:1 w: 3.1 g/L w: 2.5 mM L- w: 15 mM HEPES w: 0.5 mM w: 1.2 g/L NaHCO3 Cytion 8

**Supplements** 5% FBS

**Dissociation Reagent** Accutase

**Doubling time** 40

**Subculturing** PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

**Split ratio** 1:3 1:6

**Seeding density**  $4 \times 10^4 / \text{cm}^2$   $1 \times 10^5 / \text{cm}^2$

**Fluid renewal** 2 3

**Post-Thaw Recovery**  $5 \times 10^4$  24

**Freeze medium** FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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Thawing and  
Culturing Cells

|    |         |        |     |    |       |   |     |
|----|---------|--------|-----|----|-------|---|-----|
| 1. |         |        |     |    |       |   |     |
| 2. |         | -150°C |     |    |       | 3 |     |
| 3. |         | 37°C   |     |    | 40-60 |   |     |
| 4. |         |        | 70% |    |       |   |     |
| 5. |         |        | 8   | 15 |       |   |     |
| 6. | 300 x g | 3      |     |    |       |   |     |
| 7. | 10      |        |     |    | T25   |   | T25 |
| 8. |         |        |     |    |       |   |     |

Incubation  
Atmosphere

37°C, 5%<sub>CO2</sub>

Flask Coating

Freezing  
Procedure

-78 °C

Shipping  
Conditions

-78 °C

Storage  
Conditions

-150 -196 -80 °C

Sterility

PCR

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### STR

**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  
**PEZ6:** RCC-FG1