

PC-3 | 300312

| Description | IV  | 62  | PC3          | PC-3 | AR              | PSA |
|-------------|-----|-----|--------------|------|-----------------|-----|
|             | PC3 |     |              |      |                 |     |
|             | PSA |     | -5- $\alpha$ |      | PC3 LNCaP DU145 |     |
|             |     | PC3 |              |      |                 | PC3 |
|             | IV  |     | PC3          |      |                 |     |

**Organism**

**Tissue**

**Disease**

**Metastatic site**

**Applications**

|                 |           |
|-----------------|-----------|
| <b>Synonyms</b> | PC-3 PC.3 |
|-----------------|-----------|

|            |    |
|------------|----|
| <b>Age</b> | 62 |
|------------|----|

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

|                 |                     |
|-----------------|---------------------|
| <b>Citation</b> | PC3 (Cytion 300312) |
|-----------------|---------------------|

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|                             |  |
|-----------------------------|--|
| <b>Biosafety level</b>      | 1  |
| <b>NCBI_TaxID</b>           | 9606   |
| <b>CellosaurusAccession</b> | CVCL_0035  |
| <b>Antigen expression</b>   | HLA A1, A9   |
| <b>Tumorigenic</b>          |  |
| <b>Karyotype</b>            | PC3 3  |
| <b>Culture Medium</b>       | 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) |
| <b>Supplements</b>          | 5% FBS   |
| <b>Dissociation Reagent</b> |  |
| <b>Doubling time</b>        | 40   |
| <b>Subculturing</b>         | PBS T25 3-5ml T75 5-10ml PBS T25 1-2m  |
| <b>Split ratio</b>          | 1 3 1 6  |
| <b>Seeding density</b>      | 3x10 <sup>4</sup> /cm <sup>2</sup> 1x10 <sup>4</sup> /cm <sup>2</sup>                            |
| <b>Fluid renewal</b>        | 2 3  |
| <b>Post-Thaw Recovery</b>   | 4 24   |
| <b>Freeze medium</b>        | FBS 10 DMSO CM-1   |

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| Thawing and Culturing Cells |         |      |      |       |
|-----------------------------|---------|------|------|-------|
| 1.                          |         |      |      |       |
| 2.                          |         | -150 |      | 3     |
| 3.                          |         | 37   |      | 40 60 |
| 4.                          | 70      |      |      |       |
| 5.                          |         | 8ml  | 15ml |       |
| 6.                          | 300 x g | 3    |      |       |
| 7.                          | 10ml    |      | 2    | T25   |
| 8.                          |         |      |      |       |

**Incubation Atmosphere** 37 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions** -78

**Storage Conditions** -150 -196 80

**HLA**

**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